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TEST REPORT

Covering the
DYNAMIC FREQUENCY SELECTION (DFS)
REQUIREMENTS
OF

FCC Part 15 Subpart E (UNII)

Ruckus Wireless Inc.
Model(s): ZF7962

COMPANY:	Ruckus Wireless Inc. 880 West Maude Ave. Suite 101 Sunnyvale, CA, 94085
TEST SITE:	Elliott Laboratories 684 W. Maude Ave Sunnyvale, CA 94085
REPORT DATE:	February 9, 2009
FINAL TEST DATE:	February 4, 6, & 9, 2009
TEST ENGINEER:	Wayne Fisher
AUTHORIZED SIGNATORY:	Mark E. Hill Staff Engineer

ACCREDITED
2016-01

REVISION HISTORY

Rev #	Date	Comments	Modified By
1.0			-

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SCOPE

The Federal Communications Commission and the European Telecommunications Standards Institute (ETSI) publish standards regarding ElectroMagnetic Compatibility and Radio spectrum Matters for radio-communications devices. Tests have been performed on the Ruckus Wireless Inc. model ZF7962 in accordance with these standards.

Test data has been taken pursuant to the relevant DFS requirements of the following standard(s). In the cases of ETSI (EN) standards, testing was limited to those aspects covering essential requirements under article 3.2 of the R&TTE Directive pertaining to DFS:

- 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 as outlined in Elliott Laboratories test procedures.

The test results recorded herein are based on a single type test of the Ruckus Wireless Inc. model ZF7962 and therefore apply only to the tested sample. The sample was selected and prepared by Sandip Patel of Ruckus Wireless Inc.

OBJECTIVE

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

STATEMENT OF COMPLIANCE

The tested sample of Ruckus Wireless Inc. model ZF7962 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

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

EQUIPMENT UNDER TEST (EUT) DETAILS

GENERAL

The Ruckus Wireless Inc. model ZF7962 an access point designed to distribute WiFi Ethernet access.

The sample was received on February 4, 2009 and tested on February 4, 6, & 9, 2009. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Ruckus Wireless	ZF7962	802.11abgn Wireless Access Point	120-11120-001 Rev. 3.1
Ruckus Wireless	S024EU1200150	Power Supply 100-240VAC input 12VDC out	None

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

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	0.9	0.9
Highest Antenna Gain (dBi)	2.94	2.94
Output Power (dBm)	21.5	21.5

☒ Power can exceed 200mW eirp

Channel Protocol

☒ IP Based

ENCLOSURE

The EUT enclosure measures approximately 19 by 15 by 10 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
Dell	PP02X	Laptop Computer	N/A	DoC
Linksys	*CUPC600N*	*802.11abgn adapter*	*MNV008101077*	*DoC & Q87-WPC600NV11*

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)
Ethernet	Remote laptop	CAT5	Unshielded	10.0

EUT OPERATION

The EUT was operating with the following software version 8.0.0.123. The software is secured by encryption to prevent the user from disabling the DFS function.

Ruckus uses a random number, which is seeded by another unique random number assigned to each AP. This random number is used with a list of the available channels in the 5GHZ band to determine which channel to select. This random number is generated each time the AP is powered on.

Master Device: 8.0.0.123

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

The start of the Channel Availability Check was 40 seconds after reboot command was sent.

During the in-service monitoring detection probability and channel moving tests the system was configured with a streaming video file from the master device (sourced by the PC connected to the master device via an Ethernet interface) to the client device. Traffic was generated by VL Media Player software streaming the FCC MPEG video file with a 12Mbit/second data rate.

RADAR WAVEFORMS

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

Table 2 - 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 3 - 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

TEST RESULTS

TEST RESULTS SUMMARY – FCC Part 15, MASTER DEVICE

Table 4 - FCC Part 15 Subpart E Master Device Test Result Summary						
Description	Radar Type	Radar Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5260MHz	67.7s	≥ 60s	Appendix D	PASSED
CAC Detection Threshold	Type 1	5260MHz	-64dBm	-64dBm (See note 2)	Appendix D	PASSED
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5260MHz 5270MHz	-64 dBm (note 2)	-64dBm (See notes 2 and 4)	Appendix B Table 6 Table 44	PASSED
Bandwidth Detection	Type 1	-	19 MHz 39 MHz	80% of the 99% BW	Appendix B Table 5 Table 43	PASSED
Channel closing transmission time	Type 1 Type 5	5260MHz 5260MHz	0.38ms 0.0ms	≤ 260ms	Appendix C	PASSED
Channel move time	Type 1 Type 5	5260MHz 5260MHz	348ms 0.0ms	≤ 10s	Appendix C	PASSED
Non-occupancy period	-	5260MHz 5270MHz	>30 minutes	> 30 minutes	Appendix C	PASSED
Uniform Loading		-	-	Uniform Loading	Refer to operational description	PASSED

Notes:

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. The limit is based on an eirp of more than 23 dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250 – 5350 MHz band.
4) Actual percentage of trials detected for the 40MHz Channel with Type 6 (hopping radar) was 100% (32 of 32). The minimum number of trials using the alternate hopping radar generation method is the detection bandwidth, which was 39MHz. Testing was stopped after 32 trials as 32 of 39 detections (82%) more than met the required detection probability of 70%

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

DFS TEST METHODS

RADIATED TEST METHOD

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

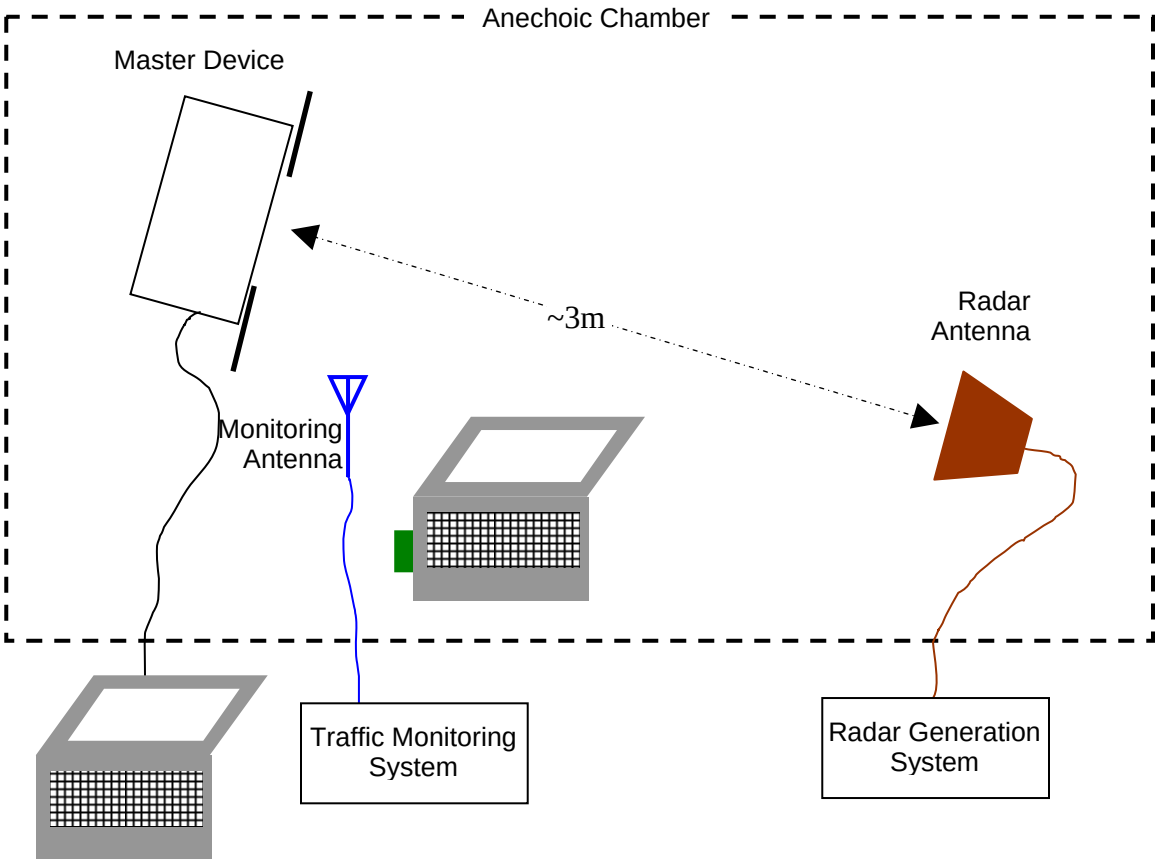

Figure 1 Test Configuration for radiated Measurement Method

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

The signal level is verified by measuring the CW signal level from the radar generation system using a reference antenna of gain G (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:

Applied level (dBm) = R – GREF + 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.

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

The signal level of the simulated waveform is set to a reference level equal to the threshold level (plus 1dB if testing against FCC requirements). Lower levels may also be applied on request of the manufacturer.

The signal level is verified by measuring the CW signal level at the coupling point to the RDD antenna port. The radar signal level is calculated from the measured level, R (dBm) and the lowest gain antenna assembly intended for use with the RDD, GRDD (dBi):

Applied level (dBm) = R - GRDD

If both master and client devices have radar detection capability then the radar level at the non RDD is verified to be at least 20dB below the threshold level to ensure that any responses are due to the RDD detecting radar.

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

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

An Agilent PSG is used as the radar-generating source. The integral arbitrary waveform generators are programmed using Agilent's "Pulse Building" software and Elliott 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.

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

The radar signal level is verified during testing using a CW signal with the AGC function switched on. Correction factors to account for the fact that pulses are generated with the AGC functions switched off are measured annually and an offset is used to account for this in the software.

The generator output is connected to the coupling port of the conducted set-up or to the radar-generating antenna.

CHANNEL MONITORING SYSTEM

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

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

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

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

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

DFS MEASUREMENT METHODS

DFS RADAR DETECTION BANDWIDTH

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

DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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

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

FCC – the total time of all individual transmissions from the EUT that are observed starting 200ms at the end of the last radar pulse in the waveform. This value is required to be less than 60ms.

ETSI – the total time of all individual transmissions from the EUT that are observed from the end of the last radar pulse in the waveform. This value is required to be less than 260ms for EN 3010 893 V1.3.1 and V1.4.1.

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) 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

Manufacturer	Description	Model #	Asset #	Cal Due
Hewlett Packard	EMC Analyzer	8595EM	780	30-Dec-09
Tektronix	Oscilloscope	TDS 5052B	2118	4-Apr-09
Agilent	PSG Vector Signal Generator	E8267C	1877	15-Feb-10
EMCO	1-18GHz Horn Antenna	3115	487	15-Jul-10

Appendix B Test Data Tables for Radar Detection Probability

Traffic was generated by VL Media Player software streaming the FCC MPEG video file with a 12Mbit/second data rate in accordance with FCC test procedures. The plot below shows the channel loading during testing as evaluated over a 1 second period and is included for reference only.

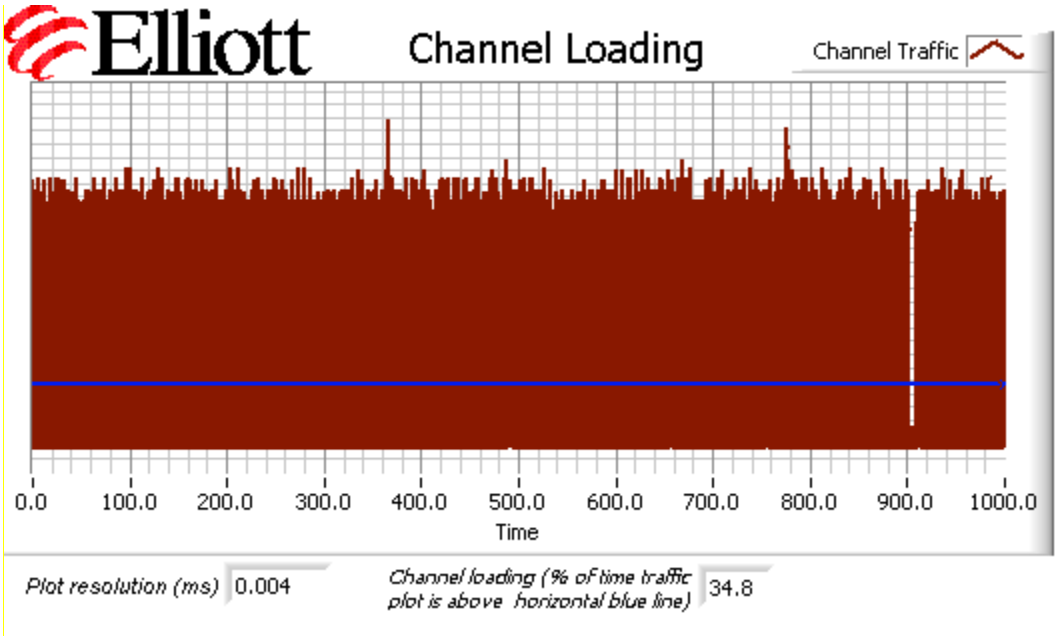

Figure 2 Channel Utilization During In-Service Detection Measurements (reference only)

Table 5 - 20MHz BW FCC Detection Bandwidth Measurements (+9MHz /-9MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5250.00 MHz	4	3	57
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5251.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5252.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5253.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5254.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5255.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5256.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5257.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5258.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5259.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5260.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5261.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5262.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5263.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5264.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5265.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5266.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5267.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5268.00 MHz	9	1	90
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5269.00 MHz	10	0	100
5260.00 MHz	FCC Short Pulse Radar (Type 1)	5270.00 MHz	0	3	0

Table 6 - Summary of All Results - 20MHz BW FCC				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	96.7 %	60.0 %	30	PASSED
Aggregate of above results	98.3 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	60.0 %	38	PASSED
Long Sequence	80.0 %	60.0 %	30	PASSED

Table 7 - FCC Short Pulse Radar (Type 1) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
1	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 12:53:18 PM)
2	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:00:51 PM)
3	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:01:12 PM)
4	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:01:41 PM)
5	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:01:54 PM)
6	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:02:09 PM)
7	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:02:26 PM)
8	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:03:09 PM)
9	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:06:15 PM)
10	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:06:43 PM)
11	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:08:36 PM)
12	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:09:06 PM)
13	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:10:13 PM)
14	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:11:20 PM)
15	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:11:40 PM)
16	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:12:52 PM)
17	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:13:42 PM)
18	18	1.0	1428.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:14:14 PM)
19	18	1.0	1428.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:14:29 PM)

Table 7 - FCC Short Pulse Radar (Type 1) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
20	18	1.0	1428.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:14:40 PM)
21	18	1.0	1428.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:15:10 PM)
22	18	1.0	1428.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:15:43 PM)
23	18	1.0	1428.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:17:00 PM)
24	18	1.0	1428.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:17:19 PM)
25	18	1.0	1428.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:17:41 PM)
26	18	1.0	1428.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:18:12 PM)
27	18	1.0	1428.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:18:25 PM)
28	18	1.0	1428.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:18:53 PM)
29	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:19:27 PM)
30	18	1.0	1428.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:19:47 PM)

Table 8 - FCC Short Pulse Radar (Type 2) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
1	24	2.2	217.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:21:01 PM)
2	27	1.6	159.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:22:15 PM)
3	26	1.4	152.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:23:03 PM)
4	28	1.8	221.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:23:30 PM)
5	25	2.7	206.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:24:30 PM)
6	23	4.5	181.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:24:49 PM)
7	25	4.8	152.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:26:26 PM)
8	27	1.7	229.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:27:00 PM)
9	27	3.6	183.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:27:13 PM)
10	29	2.9	187.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:27:24 PM)
11	27	3.7	223.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:28:04 PM)
12	25	3.2	164.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:28:21 PM)

Table 8 - FCC Short Pulse Radar (Type 2) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
13	28	4.4	207.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:29:13 PM)
14	26	3.8	216.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:29:29 PM)
15	28	1.2	206.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:29:50 PM)
16	27	2.2	206.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:30:48 PM)
17	25	4.6	160.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:31:06 PM)
18	24	3.8	195.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:31:24 PM)
19	23	1.3	185.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:31:47 PM)
20	27	3.6	203.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:31:58 PM)
21	25	2.0	227.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:32:24 PM)
22	23	2.6	211.0	No	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:32:39 PM)
23	25	3.4	168.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:32:59 PM)
24	27	1.1	219.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:33:15 PM)
25	27	1.8	176.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:33:41 PM)
26	26	1.2	156.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:34:18 PM)
27	25	4.9	229.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:35:02 PM)
28	27	4.9	227.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:35:28 PM)
29	25	2.4	150.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:35:46 PM)
30	24	3.9	178.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:36:18 PM)

Table 9 - FCC Short Pulse Radar (Type 3) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
1	17	6.3	221.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:38:24 PM)
2	17	7.2	400.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:38:36 PM)
3	18	9.1	478.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:38:52 PM)
4	17	9.3	231.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:39:11 PM)
5	17	6.0	358.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:39:31 PM)

Table 9 - FCC Short Pulse Radar (Type 3) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
6	16	8.6	235.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:40:17 PM)
7	18	9.9	485.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:41:01 PM)
8	17	6.6	311.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:41:42 PM)
9	17	9.7	215.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:42:02 PM)
10	18	9.0	339.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:42:41 PM)
11	18	7.5	461.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:43:00 PM)
12	16	9.8	362.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:43:32 PM)
13	18	8.0	313.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:44:33 PM)
14	17	9.3	270.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:44:50 PM)
15	16	9.5	236.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:44:58 PM)
16	18	7.5	351.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:45:12 PM)
17	17	7.5	354.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:45:33 PM)
18	17	9.3	367.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:46:09 PM)
19	17	8.2	437.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:46:30 PM)
20	17	7.0	488.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:46:47 PM)
21	17	9.8	283.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:47:18 PM)
22	17	8.5	278.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:47:45 PM)
23	17	9.2	492.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:48:07 PM)
24	17	9.1	235.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:48:24 PM)
25	16	9.8	263.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:48:57 PM)
26	16	6.9	324.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:49:12 PM)
27	18	8.0	232.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:49:32 PM)
28	18	9.2	256.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:50:15 PM)
29	18	9.3	238.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:50:32 PM)
30	18	7.0	367.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 01:51:07 PM)

Table 10 - FCC Short Pulse Radar (Type 4) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
1	13	11.2	480.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:56:53 PM)
2	12	19.2	335.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:57:15 PM)
3	13	14.4	406.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:57:41 PM)
4	13	19.8	269.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:58:06 PM)
5	14	11.8	241.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 01:58:16 PM)
6	15	11.1	475.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:58:50 PM)
7	15	18.5	246.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:59:06 PM)
8	15	19.6	359.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 01:59:21 PM)
9	14	16.9	298.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 02:00:07 PM)
10	15	16.6	274.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 02:00:57 PM)
11	14	14.5	405.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:01:14 PM)
12	12	17.8	288.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:01:30 PM)
13	15	16.4	342.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:01:57 PM)
14	12	14.8	347.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:02:40 PM)
15	14	12.1	264.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:03:51 PM)
16	15	18.6	424.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:04:07 PM)
17	13	14.3	480.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:04:53 PM)
18	13	13.8	223.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:05:25 PM)
19	12	16.1	233.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:07:01 PM)
20	15	17.4	471.0	Yes	5255.0MHz, -64.0dBm	Single burst (02/06/2009 02:07:19 PM)
21	13	12.1	316.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 02:07:38 PM)
22	16	11.2	234.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 02:08:25 PM)
23	15	19.6	241.0	No	5260.0MHz, -64.0dBm	Single burst (02/06/2009 02:09:09 PM)
24	14	12.5	308.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 02:09:25 PM)
25	13	11.5	342.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 02:09:39 PM)
26	15	15.9	283.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 02:10:04 PM)

Table 10 - FCC Short Pulse Radar (Type 4) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
27	16	13.9	295.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 02:10:25 PM)
28	14	19.4	395.0	Yes	5260.0MHz, -64.0dBm	Single burst (02/06/2009 02:11:07 PM)
29	15	14.7	471.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 02:11:43 PM)
30	14	13.0	484.0	Yes	5265.0MHz, -64.0dBm	Single burst (02/06/2009 02:12:03 PM)

Table 11 - Long Sequence Waveform Summary 20MHz BW FCC		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	NOT Detected	5260.0MHz, -64.0dBm
Trial #2	Detected	5260.0MHz, -64.0dBm
Trial #3	Detected	5260.0MHz, -64.0dBm
Trial #4	Detected	5260.0MHz, -64.0dBm
Trial #5	Detected	5260.0MHz, -64.0dBm
Trial #6	Detected	5265.0MHz, -64.0dBm
Trial #7	Detected	5265.0MHz, -64.0dBm
Trial #8	Detected	5265.0MHz, -64.0dBm
Trial #9	Detected	5265.0MHz, -64.0dBm
Trial #10	Detected	5265.0MHz, -64.0dBm
Trial #11	NOT Detected	5255.0MHz, -64.0dBm
Trial #12	NOT Detected	5255.0MHz, -64.0dBm
Trial #13	NOT Detected	5255.0MHz, -64.0dBm
Trial #14	Detected	5255.0MHz, -64.0dBm
Trial #15	Detected	5255.0MHz, -64.0dBm
Trial #16	Detected	5260.0MHz, -64.0dBm
Trial #17	Detected	5260.0MHz, -64.0dBm
Trial #18	Detected	5260.0MHz, -64.0dBm
Trial #19	Detected	5260.0MHz, -64.0dBm
Trial #20	Detected	5260.0MHz, -64.0dBm

Table 11 - Long Sequence Waveform Summary 20MHz BW FCC		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #21	Detected	5265.0MHz, -64.0dBm
Trial #22	Detected	5265.0MHz, -64.0dBm
Trial #23	Detected	5265.0MHz, -64.0dBm
Trial #24	Detected	5265.0MHz, -64.0dBm
Trial #25	Detected	5265.0MHz, -64.0dBm
Trial #26	NOT Detected	5255.0MHz, -64.0dBm
Trial #27	NOT Detected	5255.0MHz, -64.0dBm
Trial #28	Detected	5255.0MHz, -64.0dBm
Trial #29	Detected	5255.0MHz, -64.0dBm
Trial #30	Detected	5255.0MHz, -64.0dBm

Table 12 - 20MHz BW FCC Long Sequence Waveform Trial#1 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	87.1	13	1310.0	1376.0	0.487756
2	2	80.5	13	1359.0	-	1.507171
3	2	91.6	13	1552.0	-	1.741866
4	2	56.7	17	1722.0	-	3.017794
5	3	78.4	7	1817.0	1964.0	3.612198
6	2	63.7	7	1363.0	-	4.358521
7	3	54.8	18	1160.0	1080.0	5.278296
8	3	63.0	19	1360.0	1381.0	5.793974
9	2	79.1	17	1367.0	-	6.644625
10	2	58.7	9	1520.0	-	7.603476
11	2	63.8	15	1717.0	-	8.482877
12	2	91.4	12	1354.0	-	9.417758
13	2	62.7	16	1603.0	-	10.006650
14	2	51.9	19	1574.0	-	10.807035
15	1	66.9	11	-	-	11.880478

Table 13 - 20MHz BW FCC Long Sequence Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	57.8	11	1452.0	1833.0	0.029069
2	2	89.9	8	1035.0	-	1.659189
3	3	56.1	14	1393.0	1606.0	2.216354
4	1	96.9	5	-	-	3.754994
5	3	67.3	8	1461.0	1313.0	4.861437
6	2	54.1	13	1954.0	-	5.367058
7	2	91.2	11	1709.0	-	6.659010
8	3	81.9	18	1796.0	1642.0	7.889116
9	1	82.4	13	-	-	8.577545

Table 13 - 20MHz BW FCC Long Sequence Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
10	2	56.1	9	1942.0	-	9.234906
11	3	77.6	19	1762.0	1582.0	10.815154
12	3	52.9	11	1111.0	1956.0	11.824190

Table 14 - 20MHz BW FCC Long Sequence Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	69.2	16	-	-	0.574372
2	3	86.8	14	1209.0	1775.0	1.262144
3	1	82.8	18	-	-	1.696185
4	2	87.6	10	1069.0	-	2.498454
5	1	79.7	9	-	-	3.364385
6	1	56.2	5	-	-	4.102234
7	3	73.6	14	1309.0	1318.0	4.885974
8	2	81.7	6	1784.0	-	5.623417
9	1	96.0	6	-	-	6.343392
10	2	95.6	12	1560.0	-	6.980968
11	1	86.8	19	-	-	7.749685
12	2	88.9	17	1136.0	-	8.271545
13	2	87.8	16	1783.0	-	9.244527
14	1	58.5	14	-	-	10.135295
15	1	71.3	12	-	-	10.533482
16	1	60.3	14	-	-	11.833288

Table 15 - 20MHz BW FCC Long Sequence Waveform Trial#4 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	65.7	8	1665.0	-	0.041068
2	2	79.2	14	1550.0	-	0.688294
3	3	71.5	6	1312.0	1524.0	1.200180
4	2	94.8	9	1862.0	-	1.807668
5	3	72.7	20	1904.0	1171.0	2.488536
6	3	62.5	6	1626.0	1841.0	3.434633
7	2	97.5	8	1865.0	-	4.104237
8	1	86.7	11	-	-	4.679988
9	2	66.4	5	1146.0	-	5.195729
10	2	77.0	8	1430.0	-	5.892971
11	2	66.0	7	1679.0	-	6.141228
12	2	51.9	12	1200.0	-	7.142650
13	3	83.4	8	1595.0	1009.0	7.608104
14	2	51.0	10	1058.0	-	7.846752
15	2	62.8	14	1324.0	-	8.572377
16	2	78.2	14	1859.0	-	9.431621
17	3	58.1	8	1430.0	1646.0	10.172511
18	3	86.1	16	1400.0	1760.0	10.570091
19	2	60.1	19	1769.0	-	11.210239
20	2	92.5	11	1131.0	-	11.691122

Table 16 - 20MHz BW FCC Long Sequence Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	77.7	14	-	-	0.503269
2	2	56.5	6	1992.0	-	1.212392
3	2	90.5	10	1669.0	-	2.112803
4	2	54.6	18	1915.0	-	2.434820
5	2	55.0	10	1718.0	-	3.482777
6	1	96.6	14	-	-	4.110233
7	2	80.5	7	1096.0	-	4.411179
8	2	58.8	16	1199.0	-	5.179069
9	2	61.9	20	1952.0	-	6.204474
10	1	56.7	15	-	-	6.387057
11	3	53.5	7	1695.0	1963.0	7.156683
12	2	85.3	16	1957.0	-	8.357085
13	3	66.3	19	1798.0	1404.0	8.481281
14	2	57.6	8	1587.0	-	9.464380
15	3	59.0	10	1561.0	1913.0	10.327211
16	2	90.5	16	1019.0	-	11.232643
17	3	73.2	19	1387.0	1099.0	11.538798

Table 17 - 20MHz BW FCC Long Sequence Waveform Trial#6 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	74.3	14	-	-	0.222156
2	3	97.9	6	1834.0	1777.0	1.289519
3	3	66.8	16	1197.0	1899.0	2.653740
4	2	56.2	12	1855.0	-	2.921605
5	2	50.8	6	1940.0	-	4.170393
6	2	75.3	18	1907.0	-	4.917654
7	2	99.2	8	1860.0	-	5.966941
8	3	83.2	13	1922.0	1656.0	7.126797
9	2	71.8	18	1784.0	-	8.208590
10	1	53.4	7	-	-	9.216960
11	1	88.1	8	-	-	9.461845
12	1	93.8	6	-	-	10.350260
13	2	93.6	14	1202.0	-	11.435674

Table 18 - 20MHz BW FCC Long Sequence Waveform Trial#7 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	81.2	10	1910.0	1255.0	0.875287
2	2	65.5	6	1932.0	-	2.531290
3	3	98.8	13	1570.0	1600.0	3.735004
4	2	64.9	13	1392.0	-	5.067844
5	2	51.5	8	1134.0	-	5.783033
6	2	61.2	9	1720.0	-	7.751616
7	3	64.2	14	1811.0	1412.0	8.755345
8	3	84.0	15	1373.0	1692.0	9.800714
9	2	77.9	17	1646.0	-	11.759781

Table 19 - 20MHz BW FCC Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	74.9	8	-	-	0.278028
2	2	63.2	17	1816.0	-	1.264631
3	2	65.0	9	1103.0	-	1.888570
4	2	54.4	18	1651.0	-	2.400308
5	3	85.2	7	1540.0	1456.0	3.375126
6	1	86.9	15	-	-	4.137843
7	1	71.7	12	-	-	4.918818
8	2	86.2	17	1969.0	-	6.254336
9	1	52.8	7	-	-	7.078557
10	1	86.5	13	-	-	7.866535
11	2	52.3	8	1061.0	-	8.062608
12	3	82.1	12	1855.0	1419.0	9.540719
13	3	50.7	17	1213.0	1243.0	10.074558
14	2	82.4	14	1158.0	-	10.966955
15	2	86.1	18	1430.0	-	11.659061

Table 20 - 20MHz BW FCC Long Sequence Waveform Trial#9 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	66.0	10	1590.0	-	0.579237
2	3	52.2	10	1760.0	1742.0	1.034537
3	2	71.2	19	1215.0	-	2.736597
4	2	78.1	17	1034.0	-	3.396561
5	1	85.2	8	-	-	4.247582
6	1	55.4	14	-	-	5.235154
7	3	59.4	10	1190.0	1161.0	6.122031
8	1	62.8	6	-	-	7.252140
9	1	81.7	9	-	-	7.495315
10	3	69.6	8	1852.0	1237.0	9.189230
11	2	70.0	7	1471.0	-	9.717532
12	2	50.5	9	1472.0	-	10.850017
13	3	61.5	10	1033.0	1974.0	11.588474

Table 21 - 20MHz BW FCC Long Sequence Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	60.3	9	1738.0	-	0.452705
2	2	55.4	15	1725.0	-	0.980611
3	1	78.1	10	-	-	1.646988
4	2	68.9	13	1731.0	-	2.166717
5	1	50.9	10	-	-	3.072841
6	2	65.7	15	1352.0	-	4.052945
7	2	94.8	7	1124.0	-	4.870142
8	2	93.5	6	1109.0	-	5.232787
9	2	55.1	15	1500.0	-	6.299892
10	3	83.1	7	1495.0	1885.0	6.714010
11	3	81.5	13	1154.0	1962.0	7.172335
12	1	85.6	11	-	-	7.879708
13	2	97.8	6	1741.0	-	8.652256
14	1	82.8	7	-	-	9.558226

Table 21 - 20MHz BW FCC Long Sequence Waveform Trial#10 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
15	3	88.4	20	1497.0	1360.0	10.037569
16	1	99.7	12	-	-	10.759275
17	1	70.4	13	-	-	11.930920

Table 22 - 20MHz BW FCC Long Sequence Waveform Trial#11 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	85.8	11	-	-	0.721122
2	3	94.0	19	1103.0	1415.0	0.931264
3	2	58.6	10	1619.0	-	1.908222
4	1	68.8	13	-	-	2.960161
5	2	51.4	11	1171.0	-	3.054159
6	2	85.3	8	1034.0	-	4.414940
7	1	66.2	12	-	-	5.214355
8	3	89.8	19	1871.0	1812.0	5.341948
9	3	95.3	6	1814.0	1259.0	6.328036
10	2	85.8	10	1141.0	-	6.815171
11	2	79.9	16	1282.0	-	8.194115
12	1	87.6	15	-	-	8.569108
13	3	95.2	7	1137.0	1693.0	9.433010
14	2	55.6	19	1001.0	-	10.489967
15	1	59.0	13	-	-	10.636067
16	2	98.7	8	1212.0	-	11.782351

Table 23 - 20MHz BW FCC Long Sequence Waveform Trial#12 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	93.3	18	1345.0	-	0.800805
2	1	76.4	8	-	-	1.178220
3	1	53.9	11	-	-	2.895139
4	1	50.1	8	-	-	3.626766
5	3	76.7	8	1608.0	1163.0	4.351783
6	2	90.6	18	1021.0	-	5.150636
7	2	70.7	7	1461.0	-	6.715572
8	3	77.8	17	1487.0	1754.0	7.912648
9	1	84.9	9	-	-	8.655505
10	2	78.4	6	1104.0	-	9.698726
11	1	79.2	8	-	-	10.876660
12	2	63.9	5	1141.0	-	11.350637

Table 24 - 20MHz BW FCC Long Sequence Waveform Trial#13 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	59.1	17	1641.0	1174.0	0.348294
2	3	70.2	14	1239.0	1304.0	2.018929
3	2	68.3	16	1397.0	-	2.702884
4	2	90.2	6	1340.0	-	4.542091
5	2	82.7	14	1569.0	-	6.255317
6	1	96.0	17	-	-	7.079975

Table 24 - 20MHz BW FCC Long Sequence Waveform Trial#13 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
7	2	73.2	10	1601.0	-	8.484981
8	2	87.7	14	1495.0	-	9.914330
9	2	69.1	13	1600.0	-	11.966145

Table 25 - 20MHz BW FCC Long Sequence Waveform Trial#14 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	72.4	16	1221.0	-	0.447139
2	1	84.9	9	-	-	0.759651
3	2	68.4	6	1653.0	-	1.534213
4	2	58.8	16	1761.0	-	2.107095
5	2	94.2	8	1103.0	-	2.951208
6	2	53.8	19	1428.0	-	3.266528
7	2	73.9	10	1625.0	-	4.163010
8	2	54.9	18	1072.0	-	4.592736
9	3	83.4	8	1234.0	1139.0	5.279456
10	2	69.7	14	1225.0	-	6.190647
11	2	78.3	12	1089.0	-	6.696656
12	1	61.1	11	-	-	7.219571
13	2	98.0	17	1029.0	-	8.057993
14	1	93.5	15	-	-	8.304488
15	2	84.4	18	1640.0	-	9.319257
16	2	79.4	6	1244.0	-	9.508558
17	1	97.3	7	-	-	10.357165
18	1	95.1	6	-	-	10.938309
19	1	81.6	15	-	-	11.429981

Table 26 - 20MHz BW FCC Long Sequence Waveform Trial#15 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	98.5	19	-	-	0.850983
2	2	90.1	19	1479.0	-	2.167819
3	2	80.7	11	1789.0	-	3.882064
4	2	92.5	10	1176.0	-	5.028681
5	3	53.7	7	1048.0	1571.0	5.565358
6	3	73.0	11	1052.0	1646.0	6.849998
7	3	86.7	17	1145.0	1517.0	8.276809
8	2	60.4	8	1475.0	-	10.032070
9	1	69.9	13	-	-	11.064127

Table 27 - 20MHz BW FCC Long Sequence Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	98.4	6	1020.0	-	0.738013
2	2	51.5	17	1593.0	-	1.487917
3	2	91.3	11	1902.0	-	2.289061
4	3	54.4	8	1945.0	1467.0	2.865253
5	1	66.3	13	-	-	3.878307
6	3	59.7	14	1888.0	1321.0	4.761034

Table 27 - 20MHz BW FCC Long Sequence Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
7	2	84.6	11	1457.0	-	5.904367
8	2	89.0	15	1744.0	-	6.225402
9	2	70.1	9	1760.0	-	7.697805
10	2	74.2	15	1463.0	-	8.428687
11	1	86.5	6	-	-	8.850234
12	3	96.4	19	1123.0	1077.0	9.472593
13	2	82.8	16	1289.0	-	10.350587
14	2	88.7	14	1293.0	-	11.501535

Table 28 - 20MHz BW FCC Long Sequence Waveform Trial#17 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	55.1	13	1050.0	1337.0	0.089631
2	2	72.4	14	1560.0	-	1.934816
3	2	64.7	12	1229.0	-	3.444575
4	2	70.0	8	1815.0	-	4.632507
5	3	82.4	16	1939.0	1677.0	6.067350
6	3	69.1	13	1006.0	1922.0	7.958922
7	2	62.3	17	1518.0	-	8.586705
8	2	52.3	17	1097.0	-	10.631033
9	1	94.6	15	-	-	11.363005

Table 29 - 20MHz BW FCC Long Sequence Waveform Trial#18 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	55.5	5	1675.0	-	0.611496
2	3	66.9	16	1293.0	1987.0	1.405333
3	2	75.4	11	1741.0	-	2.007398
4	2	74.8	15	1568.0	-	2.607725
5	3	80.4	9	1566.0	1309.0	3.359749
6	1	81.0	19	-	-	3.888333
7	1	83.5	8	-	-	4.771478
8	1	89.5	12	-	-	5.370140
9	3	80.0	11	1935.0	1232.0	6.101290
10	1	92.1	12	-	-	6.991212
11	1	82.5	6	-	-	7.569251
12	3	74.7	6	1963.0	1010.0	8.411403
13	3	53.7	17	1375.0	1458.0	8.763782
14	2	64.2	9	1771.0	-	9.864350
15	3	54.3	7	1357.0	1494.0	10.151808
16	2	91.6	9	1733.0	-	11.064769
17	2	81.0	15	1329.0	-	11.969910

Table 30 - 20MHz BW FCC Long Sequence Waveform Trial#19 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	85.1	10	1076.0	-	0.188961
2	1	52.2	19	-	-	1.589588
3	1	74.9	10	-	-	2.924940

Table 30 - 20MHz BW FCC Long Sequence Waveform Trial#19 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
4	2	80.7	19	1990.0	-	4.079906
5	3	64.7	6	1808.0	1259.0	4.897947
6	2	98.5	12	1872.0	-	6.033950
7	2	60.2	11	1908.0	-	7.491006
8	1	50.0	10	-	-	8.730695
9	2	82.9	17	1356.0	-	9.704975
10	1	51.7	11	-	-	11.172920

Table 31 - 20MHz BW FCC Long Sequence Waveform Trial#20 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	82.6	8	1553.0	1019.0	0.399541
2	2	63.9	11	1294.0	-	0.922448
3	2	86.8	17	1612.0	-	1.639506
4	3	80.8	14	1528.0	1103.0	2.130385
5	1	61.5	16	-	-	2.829510
6	3	91.1	14	1846.0	1268.0	3.895992
7	2	62.8	13	1373.0	-	4.300585
8	1	56.7	16	-	-	5.260278
9	2	55.9	5	1993.0	-	5.600785
10	3	61.4	15	1187.0	1253.0	6.330010
11	1	68.6	8	-	-	7.174980
12	2	73.4	8	1455.0	-	7.832985
13	3	71.4	17	1408.0	1614.0	8.555027
14	3	73.1	16	1450.0	1358.0	8.741892
15	2	92.2	19	1416.0	-	9.427629
16	2	66.5	20	1184.0	-	10.082972
17	3	80.6	9	1664.0	1698.0	10.996998
18	3	66.0	14	1431.0	1112.0	11.851148

Table 32 - 20MHz BW FCC Long Sequence Waveform Trial#21 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	73.6	8	-	-	1.139663
2	3	54.2	8	1704.0	1136.0	1.577136
3	1	63.7	18	-	-	3.093131
4	2	64.4	9	1664.0	-	3.896957
5	2	52.8	10	1995.0	-	5.186001
6	3	62.7	12	1642.0	1803.0	6.879458
7	3	67.2	19	1926.0	1244.0	8.024951
8	2	81.0	12	1190.0	-	9.233943
9	1	63.3	10	-	-	9.775539
10	2	66.5	5	1317.0	-	10.836074

Table 33 - 20MHz BW FCC Long Sequence Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	62.1	18	1691.0	-	1.128449
2	2	86.9	13	1493.0	-	1.877238
3	1	87.1	10	-	-	3.279890
4	3	60.4	7	1652.0	1139.0	4.122643
5	3	88.9	8	1460.0	1063.0	5.885363
6	2	56.7	17	1822.0	-	6.880171
7	1	87.8	14	-	-	8.101632
8	2	83.1	11	1571.0	-	8.846990
9	3	85.3	16	1359.0	1672.0	9.826351
10	1	65.7	19	-	-	11.651915

Table 34 - 20MHz BW FCC Long Sequence Waveform Trial#23 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	99.0	7	1727.0	-	0.339581
2	2	57.8	19	1787.0	-	0.843272
3	2	73.4	14	1073.0	-	1.775947
4	3	64.8	17	1366.0	1835.0	2.786477
5	1	52.7	18	-	-	3.647852
6	2	59.4	10	1946.0	-	4.463774
7	3	87.3	9	1566.0	1248.0	5.248454
8	2	77.1	14	1821.0	-	6.224601
9	1	61.0	6	-	-	6.777633
10	2	61.8	14	1665.0	-	7.575217
11	3	57.1	8	1436.0	1098.0	8.409811
12	2	92.0	17	1788.0	-	9.469562
13	2	93.3	7	1920.0	-	10.365404
14	1	97.7	11	-	-	11.017345
15	1	56.2	17	-	-	11.621401

Table 35 - 20MHz BW FCC Long Sequence Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	59.0	18	-	-	0.586172
2	3	84.2	17	1746.0	1232.0	1.116924
3	2	87.9	6	1795.0	-	1.695356
4	3	55.8	10	1415.0	1560.0	3.135025
5	2	62.5	7	1547.0	-	3.352785
6	3	88.9	9	1439.0	1624.0	4.796210
7	1	55.5	18	-	-	5.093959
8	2	80.5	8	1375.0	-	5.924658
9	3	74.1	19	1141.0	1324.0	6.738793
10	3	56.4	7	1613.0	1755.0	7.675859
11	2	78.3	19	1579.0	-	8.730723
12	3	80.8	19	1503.0	1183.0	9.320747
13	2	96.6	18	1872.0	-	10.139034
14	3	67.9	19	1177.0	1882.0	10.428683
15	2	60.4	17	1604.0	-	11.632018

Table 36 - 20MHz BW FCC Long Sequence Waveform Trial#25 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	60.2	13	1612.0	1429.0	0.947886
2	2	58.3	15	1167.0	-	2.287451
3	3	69.1	7	1290.0	1876.0	2.937513
4	2	99.7	6	1171.0	-	3.787342
5	3	73.6	11	1547.0	1201.0	4.944164
6	2	59.1	9	1381.0	-	6.720755
7	2	66.5	7	1422.0	-	7.233575
8	3	91.2	17	1132.0	1215.0	8.784203
9	3	54.2	19	1809.0	1114.0	10.511236
10	1	93.7	15	-	-	11.938337

Table 37 - 20MHz BW FCC Long Sequence Waveform Trial#26 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	63.1	15	1991.0	-	0.478261
2	2	56.9	7	1759.0	-	1.551277
3	3	66.4	18	1141.0	1187.0	3.541729
4	1	90.5	10	-	-	4.190080
5	2	74.1	15	1306.0	-	6.148331
6	2	77.5	8	1009.0	-	7.050887
7	2	78.8	9	1944.0	-	8.541501
8	3	60.4	14	1270.0	1309.0	10.197730
9	1	97.8	14	-	-	11.503532

Table 38 - 20MHz BW FCC Long Sequence Waveform Trial#27 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	89.2	12	1322.0	-	0.738932
2	2	82.5	10	1197.0	-	1.407951
3	2	86.7	18	1560.0	-	2.486358
4	2	56.9	17	1906.0	-	2.882831
5	2	76.3	13	1194.0	-	4.163320
6	2	50.8	6	1653.0	-	5.425092
7	1	89.9	17	-	-	5.900142
8	3	51.8	19	1458.0	1103.0	6.856865
9	1	93.2	13	-	-	7.594097
10	2	92.4	15	1722.0	-	8.403778
11	2	61.0	9	1143.0	-	9.912308
12	2	89.1	11	1130.0	-	10.996424
13	2	67.2	12	1878.0	-	11.078076

Table 39 - 20MHz BW FCC Long Sequence Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	78.3	10	1741.0	1239.0	0.398065
2	1	74.5	11	-	-	0.821192
3	2	99.3	12	1538.0	-	1.396508
4	2	67.3	10	1636.0	-	2.106217
5	2	74.2	9	1306.0	-	2.719432
6	3	59.3	14	1202.0	1933.0	3.494294
7	2	89.0	10	1932.0	-	3.776872
8	2	98.4	11	1706.0	-	4.480193
9	1	53.2	11	-	-	4.934382
10	1	93.0	18	-	-	5.848514
11	2	62.2	5	1991.0	-	6.197496
12	1	67.5	18	-	-	7.125770
13	2	97.4	7	1699.0	-	7.588618
14	2	52.5	11	1409.0	-	8.310039
15	1	70.3	12	-	-	8.806893
16	1	99.9	16	-	-	9.590326
17	2	71.5	8	1475.0	-	10.122171
18	2	69.7	16	1341.0	-	10.781327
19	2	71.8	9	1255.0	-	10.969266
20	2	57.4	12	1247.0	-	11.938146

Table 40 - 20MHz BW FCC Long Sequence Waveform Trial#29 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	76.6	16	1040.0	1459.0	0.199823
2	2	51.4	12	1166.0	-	0.646488
3	2	56.1	17	1547.0	-	1.771523
4	2	82.5	8	1629.0	-	2.134475
5	1	97.3	12	-	-	2.769043
6	3	55.7	19	1907.0	1414.0	3.316411
7	3	52.0	18	1555.0	1528.0	4.323317
8	3	85.6	9	1882.0	1080.0	4.610154
9	3	72.1	7	1876.0	1753.0	5.678316
10	3	60.0	20	1519.0	1516.0	6.117991
11	3	96.6	7	1896.0	1669.0	6.323680
12	3	93.3	10	1099.0	1310.0	7.130402
13	2	98.7	9	1003.0	-	7.897221
14	2	54.9	5	1298.0	-	8.318258
15	2	94.8	19	1538.0	-	9.156905
16	2	85.3	8	1151.0	-	10.087073
17	1	77.8	12	-	-	10.447869
18	2	82.9	15	1164.0	-	10.888012
19	2	85.9	17	1900.0	-	11.594809

Table 41 - 20MHz BW FCC Long Sequence Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	74.6	5	1998.0	-	0.189157
2	1	63.8	18	-	-	1.123366
3	2	52.8	16	1241.0	-	1.752516
4	2	85.7	9	1621.0	-	1.985059
5	3	80.1	6	1667.0	1697.0	3.083837
6	2	66.8	11	1965.0	-	3.244055
7	3	82.2	11	1811.0	1961.0	4.244137
8	2	63.4	13	1495.0	-	4.962206
9	3	53.8	15	1294.0	1615.0	5.662335
10	1	98.8	5	-	-	5.821850
11	2	65.7	8	1959.0	-	6.654831
12	3	74.3	16	1487.0	1268.0	7.321558
13	2	90.0	14	1601.0	-	7.850287
14	1	82.6	9	-	-	8.654116
15	2	66.3	11	1844.0	-	9.447573
16	2	60.1	19	1766.0	-	9.699971
17	2	73.7	9	1787.0	-	10.320898
18	2	77.5	17	1619.0	-	11.201687
19	3	72.0	9	1859.0	1644.0	11.676090

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
1	9	1.0	333.0	Yes	5251.0MHz, -64.0dBm	Hop sequence: 5433, 5413, 5412, 5390, 5382, 5419, 5280, 5308, 5380, 5307, 5263, 5396, 5256, 5342, 5368, 5429, 5299, 5364, 5255, 5435, 5344, 5407, 5471, 5260, 5398, 5408, 5427, 5317, 5392, 5369, 5447, 5284, 5370, 5278, 5292, 5251, 5385, 5269, 5331, 5468, 5361, 5276, 5464, 5305, 5290, 5360, 5420, 5374, 5313, 5452, 5336, 5306, 5332, 5384, 5302, 5347, 5459, 5378, 5389, 5406, 5295, 5426, 5453, 5250, 5270, 5397, 5297, 5367, 5404, 5460, 5357, 5329, 5312, 5293, 5418, 5400, 5438, 5358, 5266, 5309, 5339, 5350, 5354, 5333, 5373, 5461, 5352, 5402, 5303, 5414, 5440, 5254, 5454, 5252, 5467, 5265, 5442, 5362, 5386, 5394 (10 hits) (02/06/2009 02:36:16 PM)
2	9	1.0	333.0	Yes	5252.0MHz, -64.0dBm	Hop sequence: 5270, 5408, 5326, 5467, 5350, 5426, 5349, 5289, 5454, 5459, 5262, 5455, 5336, 5420, 5283, 5406, 5340, 5432, 5311, 5318, 5328, 5286, 5346, 5251, 5430, 5269, 5410, 5422, 5419, 5291, 5411, 5428, 5355, 5337, 5440, 5445, 5292, 5332, 5252, 5374, 5423, 5446, 5354, 5255, 5367, 5434, 5334, 5438, 5327, 5371, 5400, 5384, 5431, 5369, 5450, 5298, 5321, 5309, 5260, 5314, 5414, 5342, 5264, 5466, 5363, 5322, 5366, 5391, 5418, 5364, 5312, 5412, 5415, 5302, 5398, 5288, 5457, 5273, 5436, 5324, 5278, 5442, 5382, 5437, 5447, 5439, 5448, 5301, 5407, 5303, 5276, 5421, 5462, 5320, 5333, 5395, 5308, 5284, 5465, 5296 (7 hits) (02/06/2009 02:36:34 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
3	9	1.0	333.0	Yes	5253.0MHz, -64.0dBm	Hop sequence: 5256, 5440, 5405, 5391, 5461, 5331, 5306, 5343, 5303, 5362, 5401, 5415, 5299, 5397, 5309, 5410, 5325, 5442, 5276, 5376, 5367, 5390, 5341, 5402, 5353, 5385, 5414, 5291, 5319, 5454, 5287, 5302, 5417, 5416, 5345, 5286, 5340, 5289, 5352, 5293, 5381, 5425, 5464, 5251, 5389, 5252, 5332, 5462, 5263, 5463, 5458, 5446, 5366, 5471, 5283, 5404, 5284, 5288, 5296, 5280, 5427, 5268, 5466, 5267, 5361, 5265, 5259, 5368, 5271, 5358, 5364, 5374, 5403, 5329, 5335, 5301, 5438, 5279, 5456, 5434, 5371, 5333, 5292, 5277, 5378, 5312, 5316, 5357, 5307, 5452, 5451, 5423, 5437, 5323, 5264, 5314, 5255, 5432, 5408, 5346 (10 hits) (02/06/2009 02:36:47 PM)
4	9	1.0	333.0	Yes	5254.0MHz, -64.0dBm	Hop sequence: 5283, 5426, 5432, 5444, 5270, 5449, 5287, 5463, 5397, 5387, 5395, 5390, 5272, 5461, 5382, 5282, 5317, 5252, 5416, 5343, 5289, 5396, 5367, 5330, 5349, 5445, 5362, 5431, 5251, 5346, 5365, 5466, 5326, 5433, 5436, 5422, 5391, 5347, 5443, 5279, 5276, 5290, 5368, 5371, 5281, 5434, 5457, 5388, 5378, 5327, 5429, 5250, 5320, 5373, 5399, 5404, 5291, 5275, 5288, 5370, 5321, 5420, 5430, 5408, 5377, 5312, 5318, 5338, 5359, 5304, 5354, 5419, 5447, 5405, 5337, 5383, 5308, 5336, 5462, 5324, 5393, 5345, 5386, 5361, 5298, 5273, 5316, 5467, 5407, 5380, 5464, 5260, 5435, 5355, 5389, 5459, 5364, 5328, 5454, 5323 (3 hits) (02/06/2009 02:36:56 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
5	9	1.0	333.0	Yes	5255.0MHz, -64.0dBm	Hop sequence: 5322, 5338, 5463, 5336, 5381, 5348, 5407, 5390, 5443, 5447, 5284, 5326, 5396, 5442, 5386, 5350, 5331, 5384, 5296, 5382, 5311, 5252, 5262, 5365, 5299, 5294, 5457, 5423, 5435, 5330, 5288, 5391, 5300, 5371, 5436, 5280, 5279, 5354, 5430, 5332, 5305, 5433, 5351, 5343, 5329, 5400, 5409, 5260, 5440, 5415, 5428, 5404, 5357, 5291, 5278, 5298, 5274, 5434, 5308, 5459, 5290, 5258, 5257, 5412, 5281, 5401, 5303, 5432, 5444, 5408, 5251, 5337, 5319, 5395, 5325, 5466, 5335, 5321, 5356, 5254, 5363, 5362, 5264, 5295, 5453, 5361, 5398, 5427, 5406, 5438, 5313, 5317, 5307, 5464, 5334, 5341, 5293, 5416, 5261, 5297 (9 hits) (02/06/2009 02:37:07 PM)
6	9	1.0	333.0	Yes	5256.0MHz, -64.0dBm	Hop sequence: 5380, 5405, 5326, 5401, 5400, 5259, 5340, 5286, 5316, 5295, 5361, 5296, 5319, 5429, 5328, 5350, 5419, 5357, 5417, 5427, 5281, 5301, 5407, 5331, 5355, 5299, 5330, 5378, 5348, 5447, 5263, 5463, 5415, 5339, 5428, 5464, 5291, 5305, 5399, 5311, 5272, 5252, 5411, 5265, 5432, 5373, 5366, 5433, 5293, 5356, 5284, 5422, 5442, 5336, 5317, 5292, 5290, 5421, 5303, 5359, 5441, 5430, 5403, 5354, 5363, 5275, 5390, 5420, 5445, 5453, 5260, 5273, 5409, 5258, 5438, 5412, 5369, 5376, 5379, 5370, 5382, 5374, 5410, 5396, 5393, 5362, 5383, 5451, 5449, 5288, 5406, 5345, 5353, 5416, 5341, 5264, 5318, 5255, 5343, 5270 (8 hits) (02/06/2009 02:37:14 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
7	9	1.0	333.0	Yes	5257.0MHz, -64.0dBm	Hop sequence: 5287, 5313, 5429, 5439, 5447, 5278, 5254, 5269, 5378, 5308, 5351, 5442, 5302, 5318, 5289, 5451, 5263, 5421, 5279, 5307, 5467, 5261, 5381, 5368, 5314, 5382, 5298, 5388, 5391, 5376, 5280, 5275, 5392, 5434, 5466, 5435, 5270, 5399, 5266, 5352, 5389, 5268, 5448, 5443, 5446, 5322, 5288, 5291, 5410, 5384, 5260, 5321, 5311, 5344, 5403, 5358, 5336, 5419, 5334, 5438, 5404, 5362, 5357, 5259, 5407, 5267, 5441, 5296, 5415, 5464, 5299, 5355, 5418, 5414, 5255, 5310, 5433, 5316, 5272, 5327, 5370, 5425, 5342, 5424, 5295, 5271, 5452, 5277, 5445, 5427, 5413, 5284, 5461, 5417, 5341, 5428, 5253, 5329, 5339, 5456 (11 hits) (02/06/2009 02:37:22 PM)
8	9	1.0	333.0	Yes	5258.0MHz, -64.0dBm	Hop sequence: 5401, 5293, 5392, 5362, 5393, 5254, 5258, 5415, 5418, 5408, 5355, 5324, 5330, 5397, 5353, 5417, 5350, 5325, 5281, 5445, 5310, 5421, 5342, 5440, 5326, 5335, 5409, 5320, 5400, 5432, 5380, 5276, 5381, 5436, 5383, 5291, 5378, 5357, 5312, 5296, 5459, 5340, 5318, 5351, 5257, 5419, 5308, 5288, 5454, 5420, 5361, 5411, 5453, 5439, 5466, 5286, 5399, 5446, 5267, 5345, 5268, 5388, 5377, 5331, 5374, 5297, 5428, 5444, 5266, 5303, 5430, 5424, 5447, 5462, 5349, 5300, 5252, 5271, 5289, 5386, 5402, 5423, 5359, 5385, 5452, 5313, 5294, 5322, 5338, 5305, 5264, 5327, 5317, 5277, 5460, 5371, 5298, 5356, 5337, 5451 (8 hits) (02/06/2009 02:37:33 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
9	9	1.0	333.0	Yes	5259.0MHz, -64.0dBm	Hop sequence: 5443, 5256, 5286, 5373, 5280, 5252, 5327, 5275, 5361, 5348, 5318, 5370, 5391, 5430, 5303, 5438, 5451, 5455, 5383, 5358, 5257, 5433, 5408, 5301, 5253, 5344, 5374, 5284, 5304, 5446, 5385, 5386, 5321, 5282, 5413, 5406, 5369, 5340, 5400, 5335, 5277, 5322, 5283, 5289, 5417, 5459, 5377, 5407, 5278, 5375, 5380, 5328, 5261, 5276, 5269, 5272, 5294, 5428, 5326, 5254, 5293, 5345, 5300, 5319, 5420, 5255, 5337, 5378, 5396, 5422, 5436, 5313, 5432, 5458, 5351, 5251, 5339, 5393, 5338, 5388, 5379, 5463, 5291, 5423, 5410, 5296, 5419, 5262, 5401, 5464, 5346, 5449, 5360, 5336, 5316, 5295, 5452, 5425, 5315, 5468 (10 hits) (02/06/2009 02:37:47 PM)
10	9	1.0	333.0	Yes	5260.0MHz, -64.0dBm	Hop sequence: 5309, 5251, 5305, 5346, 5387, 5412, 5265, 5437, 5400, 5450, 5313, 5369, 5356, 5329, 5345, 5441, 5439, 5451, 5254, 5338, 5401, 5455, 5374, 5454, 5282, 5370, 5399, 5325, 5348, 5351, 5398, 5421, 5389, 5294, 5344, 5256, 5379, 5279, 5357, 5466, 5315, 5352, 5261, 5267, 5272, 5260, 5395, 5404, 5465, 5292, 5422, 5361, 5461, 5406, 5302, 5324, 5273, 5410, 5264, 5289, 5277, 5336, 5312, 5456, 5467, 5416, 5286, 5354, 5301, 5381, 5366, 5263, 5446, 5368, 5347, 5426, 5339, 5270, 5372, 5383, 5333, 5394, 5296, 5436, 5259, 5298, 5396, 5411, 5388, 5444, 5429, 5306, 5452, 5278, 5423, 5438, 5397, 5326, 5435, 5332 (10 hits) (02/06/2009 02:38:25 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
11	9	1.0	333.0	Yes	5261.0MHz, -64.0dBm	Hop sequence: 5333, 5378, 5303, 5361, 5275, 5266, 5451, 5427, 5295, 5391, 5298, 5271, 5393, 5435, 5464, 5304, 5412, 5441, 5369, 5270, 5257, 5359, 5424, 5456, 5423, 5372, 5406, 5274, 5407, 5350, 5320, 5452, 5339, 5269, 5263, 5268, 5288, 5419, 5356, 5413, 5415, 5457, 5384, 5401, 5325, 5337, 5461, 5311, 5444, 5318, 5326, 5365, 5429, 5345, 5385, 5443, 5375, 5454, 5382, 5321, 5469, 5437, 5367, 5440, 5301, 5280, 5279, 5264, 5387, 5286, 5307, 5346, 5421, 5433, 5259, 5276, 5394, 5306, 5296, 5277, 5446, 5292, 5371, 5250, 5363, 5466, 5322, 5262, 5403, 5463, 5282, 5447, 5341, 5253, 5327, 5283, 5434, 5376, 5453, 5293 (9 hits) (02/06/2009 02:38:42 PM)
12	9	1.0	333.0	Yes	5262.0MHz, -64.0dBm	Hop sequence: 5309, 5255, 5413, 5468, 5284, 5345, 5411, 5365, 5385, 5432, 5459, 5278, 5379, 5310, 5372, 5422, 5423, 5351, 5410, 5260, 5358, 5292, 5341, 5265, 5380, 5402, 5377, 5447, 5469, 5403, 5327, 5346, 5408, 5354, 5409, 5395, 5325, 5290, 5370, 5254, 5264, 5356, 5382, 5259, 5420, 5412, 5328, 5390, 5350, 5425, 5421, 5451, 5388, 5319, 5362, 5393, 5282, 5263, 5287, 5401, 5407, 5435, 5461, 5308, 5452, 5463, 5405, 5470, 5383, 5297, 5313, 5455, 5433, 5339, 5289, 5304, 5437, 5428, 5330, 5333, 5465, 5274, 5286, 5357, 5430, 5266, 5283, 5369, 5439, 5434, 5306, 5257, 5288, 5359, 5332, 5338, 5307, 5460, 5277, 5386 (9 hits) (02/06/2009 02:38:53 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
13	9	1.0	333.0	Yes	5263.0MHz, -64.0dBm	Hop sequence: 5356, 5322, 5295, 5416, 5456, 5357, 5254, 5465, 5252, 5313, 5274, 5316, 5419, 5349, 5374, 5451, 5339, 5384, 5284, 5382, 5310, 5269, 5462, 5450, 5255, 5311, 5303, 5370, 5448, 5251, 5466, 5353, 5375, 5401, 5413, 5321, 5340, 5363, 5447, 5337, 5305, 5377, 5308, 5362, 5354, 5442, 5276, 5259, 5449, 5387, 5389, 5267, 5352, 5346, 5423, 5282, 5299, 5332, 5297, 5334, 5386, 5292, 5262, 5291, 5445, 5424, 5396, 5404, 5347, 5425, 5326, 5390, 5342, 5409, 5408, 5441, 5293, 5368, 5275, 5398, 5285, 5331, 5381, 5432, 5455, 5444, 5464, 5261, 5443, 5369, 5280, 5415, 5393, 5298, 5281, 5440, 5412, 5414, 5394, 5427 (9 hits) (02/06/2009 02:39:02 PM)
14	9	1.0	333.0	Yes	5264.0MHz, -64.0dBm	Hop sequence: 5272, 5378, 5392, 5360, 5340, 5358, 5434, 5416, 5284, 5443, 5362, 5374, 5466, 5324, 5393, 5398, 5320, 5295, 5448, 5467, 5373, 5432, 5457, 5311, 5357, 5297, 5388, 5345, 5372, 5344, 5396, 5441, 5431, 5424, 5376, 5341, 5397, 5271, 5273, 5407, 5317, 5329, 5452, 5251, 5274, 5420, 5350, 5352, 5356, 5428, 5442, 5433, 5304, 5302, 5269, 5414, 5283, 5368, 5446, 5438, 5250, 5389, 5380, 5307, 5346, 5264, 5330, 5254, 5287, 5379, 5265, 5384, 5468, 5436, 5391, 5328, 5291, 5406, 5313, 5422, 5426, 5409, 5325, 5449, 5464, 5437, 5445, 5277, 5439, 5257, 5335, 5327, 5385, 5315, 5456, 5461, 5282, 5322, 5301, 5440 (6 hits) (02/06/2009 02:39:35 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
15	9	1.0	333.0	Yes	5265.0MHz, -64.0dBm	Hop sequence: 5467, 5429, 5306, 5416, 5411, 5277, 5308, 5453, 5449, 5260, 5357, 5286, 5420, 5417, 5364, 5359, 5384, 5310, 5300, 5280, 5349, 5461, 5285, 5422, 5288, 5441, 5326, 5419, 5346, 5405, 5421, 5304, 5372, 5369, 5356, 5458, 5312, 5403, 5457, 5290, 5379, 5433, 5266, 5275, 5398, 5262, 5450, 5380, 5437, 5252, 5341, 5309, 5388, 5305, 5318, 5321, 5292, 5446, 5250, 5282, 5313, 5324, 5287, 5329, 5402, 5261, 5355, 5274, 5410, 5320, 5371, 5468, 5254, 5470, 5442, 5463, 5273, 5325, 5348, 5397, 5307, 5432, 5259, 5297, 5415, 5366, 5316, 5434, 5311, 5375, 5335, 5439, 5350, 5425, 5291, 5344, 5330, 5376, 5294, 5351 (7 hits) (02/06/2009 02:39:51 PM)
16	9	1.0	333.0	Yes	5266.0MHz, -64.0dBm	Hop sequence: 5275, 5406, 5386, 5399, 5367, 5266, 5288, 5303, 5256, 5269, 5449, 5438, 5460, 5274, 5255, 5436, 5293, 5456, 5444, 5454, 5416, 5261, 5408, 5425, 5378, 5373, 5366, 5388, 5319, 5282, 5381, 5415, 5441, 5262, 5297, 5258, 5260, 5374, 5370, 5397, 5398, 5349, 5458, 5348, 5423, 5433, 5337, 5330, 5331, 5334, 5295, 5285, 5307, 5385, 5302, 5335, 5263, 5465, 5273, 5435, 5254, 5396, 5372, 5391, 5376, 5251, 5432, 5430, 5420, 5309, 5312, 5384, 5390, 5308, 5304, 5325, 5464, 5354, 5414, 5394, 5264, 5332, 5437, 5442, 5296, 5272, 5361, 5440, 5467, 5459, 5267, 5328, 5299, 5359, 5317, 5344, 5271, 5355, 5284, 5321 (13 hits) (02/06/2009 02:40:15 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
17	9	1.0	333.0	Yes	5267.0MHz, -64.0dBm	Hop sequence: 5359, 5317, 5294, 5270, 5305, 5344, 5382, 5419, 5371, 5255, 5269, 5410, 5319, 5318, 5331, 5256, 5351, 5281, 5279, 5280, 5275, 5303, 5343, 5323, 5384, 5295, 5407, 5378, 5361, 5427, 5415, 5436, 5358, 5420, 5342, 5311, 5429, 5345, 5271, 5332, 5397, 5298, 5267, 5307, 5329, 5315, 5259, 5448, 5284, 5469, 5366, 5260, 5356, 5264, 5333, 5251, 5250, 5458, 5373, 5292, 5360, 5424, 5412, 5253, 5349, 5257, 5444, 5447, 5459, 5340, 5401, 5392, 5287, 5300, 5389, 5470, 5434, 5451, 5445, 5399, 5430, 5398, 5341, 5316, 5291, 5352, 5337, 5395, 5369, 5289, 5386, 5368, 5268, 5450, 5354, 5390, 5418, 5374, 5416, 5328 (11 hits) (02/06/2009 02:40:38 PM)
18	9	1.0	333.0	Yes	5268.0MHz, -64.0dBm	Hop sequence: 5350, 5435, 5420, 5433, 5342, 5385, 5277, 5303, 5373, 5383, 5345, 5371, 5439, 5331, 5431, 5375, 5285, 5426, 5273, 5459, 5418, 5400, 5404, 5424, 5405, 5425, 5309, 5327, 5251, 5462, 5295, 5374, 5454, 5460, 5428, 5321, 5388, 5311, 5394, 5401, 5292, 5339, 5369, 5279, 5312, 5466, 5287, 5352, 5358, 5446, 5442, 5396, 5329, 5354, 5423, 5382, 5469, 5264, 5414, 5434, 5359, 5252, 5267, 5441, 5281, 5443, 5299, 5377, 5357, 5274, 5449, 5448, 5293, 5464, 5349, 5338, 5330, 5463, 5266, 5456, 5432, 5253, 5341, 5451, 5384, 5452, 5422, 5468, 5276, 5260, 5284, 5255, 5380, 5353, 5343, 5381, 5333, 5270, 5332, 5282 (8 hits) (02/06/2009 02:40:51 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
19	9	1.0	333.0	Yes	5269.0MHz, -64.0dBm	Hop sequence: 5348, 5333, 5307, 5422, 5260, 5270, 5409, 5410, 5300, 5339, 5454, 5411, 5440, 5344, 5455, 5261, 5389, 5341, 5406, 5263, 5451, 5419, 5397, 5415, 5352, 5418, 5435, 5312, 5358, 5471, 5334, 5390, 5264, 5327, 5450, 5325, 5377, 5289, 5373, 5431, 5326, 5376, 5252, 5445, 5310, 5398, 5256, 5322, 5283, 5402, 5257, 5372, 5399, 5461, 5407, 5363, 5357, 5282, 5468, 5396, 5364, 5355, 5460, 5371, 5323, 5424, 5305, 5347, 5442, 5271, 5416, 5394, 5296, 5320, 5276, 5301, 5255, 5298, 5382, 5366, 5379, 5335, 5466, 5277, 5284, 5349, 5465, 5297, 5330, 5254, 5380, 5343, 5356, 5340, 5433, 5444, 5370, 5432, 5367, 5360 (9 hits) (02/06/2009 02:41:07 PM)
20	9	1.0	333.0	Yes	5251.0MHz, -64.0dBm	Hop sequence: 5364, 5301, 5353, 5438, 5261, 5447, 5387, 5360, 5421, 5285, 5334, 5388, 5254, 5358, 5298, 5343, 5277, 5375, 5297, 5366, 5273, 5354, 5416, 5464, 5253, 5338, 5371, 5378, 5292, 5331, 5450, 5340, 5428, 5430, 5436, 5392, 5440, 5352, 5423, 5305, 5461, 5281, 5278, 5322, 5255, 5330, 5268, 5396, 5344, 5361, 5316, 5385, 5367, 5465, 5260, 5409, 5384, 5345, 5457, 5404, 5414, 5420, 5310, 5368, 5309, 5315, 5399, 5280, 5435, 5382, 5286, 5431, 5300, 5437, 5251, 5441, 5346, 5267, 5400, 5444, 5415, 5413, 5272, 5271, 5426, 5294, 5289, 5389, 5370, 5445, 5466, 5323, 5318, 5458, 5411, 5453, 5266, 5302, 5381, 5403 (9 hits) (02/06/2009 02:41:24 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
21	9	1.0	333.0	Yes	5252.0MHz, -64.0dBm	Hop sequence: 5353, 5467, 5280, 5332, 5382, 5355, 5385, 5421, 5293, 5471, 5335, 5315, 5289, 5301, 5331, 5267, 5444, 5352, 5341, 5308, 5379, 5411, 5450, 5284, 5259, 5414, 5435, 5264, 5298, 5392, 5456, 5432, 5307, 5436, 5438, 5410, 5420, 5255, 5413, 5448, 5269, 5343, 5250, 5423, 5286, 5340, 5398, 5419, 5265, 5361, 5300, 5254, 5357, 5351, 5407, 5470, 5253, 5393, 5302, 5297, 5282, 5404, 5469, 5342, 5454, 5442, 5426, 5441, 5366, 5348, 5388, 5314, 5318, 5277, 5449, 5323, 5377, 5328, 5344, 5396, 5376, 5303, 5261, 5262, 5459, 5371, 5440, 5409, 5402, 5439, 5422, 5330, 5325, 5437, 5428, 5288, 5271, 5461, 5273, 5295 (10 hits) (02/06/2009 02:41:41 PM)
22	9	1.0	333.0	Yes	5253.0MHz, -64.0dBm	Hop sequence: 5286, 5406, 5454, 5339, 5302, 5254, 5268, 5445, 5293, 5407, 5300, 5434, 5440, 5270, 5260, 5275, 5316, 5287, 5296, 5369, 5362, 5388, 5306, 5356, 5364, 5320, 5343, 5443, 5395, 5391, 5396, 5378, 5323, 5314, 5471, 5279, 5341, 5345, 5336, 5409, 5417, 5457, 5410, 5373, 5460, 5319, 5342, 5337, 5414, 5452, 5401, 5442, 5295, 5262, 5368, 5315, 5298, 5433, 5461, 5252, 5307, 5387, 5266, 5426, 5435, 5325, 5437, 5360, 5291, 5351, 5380, 5350, 5408, 5438, 5324, 5425, 5284, 5292, 5349, 5281, 5290, 5392, 5317, 5436, 5447, 5399, 5382, 5288, 5255, 5283, 5450, 5467, 5303, 5327, 5441, 5423, 5405, 5305, 5444, 5429 (7 hits) (02/06/2009 02:42:00 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
23	9	1.0	333.0	Yes	5254.0MHz, -64.0dBm	Hop sequence: 5423, 5378, 5319, 5430, 5447, 5376, 5431, 5357, 5401, 5405, 5469, 5363, 5308, 5327, 5353, 5275, 5406, 5375, 5424, 5369, 5435, 5398, 5251, 5281, 5336, 5459, 5446, 5410, 5364, 5385, 5426, 5458, 5333, 5331, 5396, 5309, 5434, 5323, 5266, 5303, 5352, 5454, 5270, 5432, 5419, 5367, 5394, 5279, 5393, 5314, 5429, 5296, 5267, 5340, 5425, 5341, 5307, 5361, 5373, 5312, 5261, 5433, 5470, 5418, 5316, 5297, 5397, 5413, 5416, 5457, 5356, 5345, 5358, 5463, 5291, 5411, 5372, 5391, 5332, 5445, 5299, 5390, 5450, 5442, 5371, 5440, 5451, 5382, 5421, 5366, 5408, 5379, 5268, 5302, 5347, 5427, 5428, 5298, 5262, 5388 (6 hits) (02/06/2009 02:42:17 PM)
24	9	1.0	333.0	Yes	5255.0MHz, -64.0dBm	Hop sequence: 5395, 5468, 5412, 5440, 5405, 5312, 5307, 5273, 5286, 5277, 5390, 5463, 5317, 5258, 5321, 5302, 5402, 5361, 5462, 5359, 5454, 5342, 5295, 5466, 5329, 5409, 5439, 5404, 5416, 5290, 5369, 5259, 5299, 5379, 5274, 5255, 5287, 5388, 5288, 5461, 5427, 5298, 5469, 5282, 5260, 5435, 5256, 5251, 5354, 5391, 5437, 5324, 5267, 5407, 5357, 5303, 5432, 5349, 5436, 5347, 5381, 5386, 5363, 5426, 5434, 5272, 5372, 5417, 5438, 5343, 5457, 5338, 5393, 5451, 5254, 5322, 5305, 5306, 5340, 5314, 5266, 5429, 5334, 5470, 5325, 5406, 5377, 5370, 5318, 5400, 5464, 5263, 5352, 5252, 5387, 5315, 5313, 5410, 5398, 5433 (11 hits) (02/06/2009 02:42:37 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
25	9	1.0	333.0	Yes	5256.0MHz, -64.0dBm	Hop sequence: 5255, 5342, 5314, 5359, 5298, 5437, 5329, 5392, 5327, 5408, 5397, 5380, 5462, 5334, 5347, 5354, 5268, 5447, 5442, 5317, 5306, 5449, 5351, 5358, 5301, 5379, 5330, 5307, 5283, 5263, 5403, 5444, 5373, 5300, 5363, 5341, 5468, 5328, 5360, 5428, 5372, 5401, 5409, 5411, 5455, 5452, 5339, 5262, 5331, 5467, 5349, 5406, 5448, 5318, 5370, 5296, 5305, 5288, 5252, 5465, 5316, 5303, 5456, 5269, 5434, 5353, 5451, 5280, 5281, 5277, 5362, 5378, 5271, 5312, 5405, 5420, 5265, 5383, 5368, 5396, 5336, 5399, 5395, 5321, 5287, 5315, 5414, 5415, 5264, 5381, 5259, 5438, 5417, 5272, 5466, 5412, 5463, 5439, 5343, 5285 (9 hits) (02/06/2009 02:43:33 PM)
26	9	1.0	333.0	Yes	5257.0MHz, -64.0dBm	Hop sequence: 5319, 5452, 5398, 5275, 5415, 5323, 5448, 5460, 5302, 5327, 5397, 5271, 5401, 5330, 5296, 5367, 5416, 5301, 5368, 5403, 5306, 5458, 5307, 5462, 5261, 5437, 5297, 5389, 5369, 5335, 5408, 5381, 5304, 5343, 5386, 5465, 5253, 5441, 5438, 5290, 5354, 5300, 5276, 5425, 5289, 5288, 5324, 5432, 5426, 5387, 5268, 5388, 5251, 5317, 5350, 5454, 5471, 5266, 5407, 5461, 5442, 5260, 5359, 5372, 5409, 5298, 5470, 5277, 5433, 5449, 5430, 5274, 5379, 5375, 5270, 5363, 5361, 5257, 5318, 5328, 5250, 5411, 5313, 5342, 5325, 5373, 5455, 5336, 5456, 5424, 5291, 5378, 5394, 5286, 5422, 5322, 5431, 5440, 5267, 5321 (8 hits) (02/06/2009 02:43:53 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
27	9	1.0	333.0	Yes	5258.0MHz, -64.0dBm	Hop sequence: 5410, 5415, 5298, 5387, 5340, 5314, 5360, 5405, 5294, 5399, 5395, 5334, 5425, 5404, 5272, 5282, 5380, 5462, 5288, 5258, 5375, 5295, 5447, 5355, 5373, 5349, 5289, 5260, 5325, 5302, 5419, 5407, 5441, 5435, 5417, 5283, 5271, 5286, 5418, 5306, 5347, 5424, 5319, 5386, 5433, 5367, 5429, 5262, 5280, 5368, 5471, 5440, 5252, 5406, 5451, 5344, 5281, 5335, 5453, 5264, 5438, 5352, 5348, 5389, 5446, 5448, 5464, 5422, 5307, 5420, 5297, 5339, 5317, 5359, 5416, 5350, 5296, 5369, 5363, 5403, 5452, 5279, 5321, 5408, 5442, 5255, 5323, 5275, 5412, 5364, 5266, 5394, 5381, 5362, 5361, 5290, 5299, 5430, 5263, 5333 (8 hits) (02/06/2009 02:44:11 PM)
28	9	1.0	333.0	Yes	5259.0MHz, -64.0dBm	Hop sequence: 5313, 5451, 5390, 5349, 5271, 5317, 5291, 5371, 5360, 5401, 5454, 5276, 5456, 5422, 5272, 5417, 5421, 5415, 5467, 5400, 5463, 5408, 5362, 5414, 5345, 5336, 5308, 5335, 5412, 5440, 5263, 5377, 5323, 5445, 5402, 5387, 5296, 5453, 5450, 5462, 5293, 5356, 5468, 5376, 5396, 5294, 5470, 5457, 5268, 5330, 5254, 5397, 5300, 5311, 5251, 5328, 5444, 5398, 5329, 5278, 5341, 5452, 5460, 5471, 5279, 5394, 5378, 5333, 5399, 5322, 5384, 5448, 5343, 5465, 5283, 5334, 5269, 5375, 5274, 5438, 5353, 5332, 5321, 5469, 5410, 5433, 5427, 5337, 5466, 5252, 5324, 5280, 5347, 5406, 5348, 5286, 5443, 5253, 5437, 5392 (7 hits) (02/06/2009 02:44:44 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
29	9	1.0	333.0	Yes	5260.0MHz, -64.0dBm	Hop sequence: 5419, 5337, 5329, 5438, 5368, 5354, 5466, 5403, 5357, 5287, 5265, 5384, 5345, 5257, 5349, 5355, 5353, 5259, 5306, 5307, 5374, 5360, 5263, 5300, 5333, 5284, 5407, 5457, 5253, 5298, 5267, 5401, 5389, 5422, 5440, 5264, 5402, 5421, 5352, 5336, 5342, 5299, 5382, 5331, 5260, 5305, 5312, 5417, 5414, 5413, 5310, 5292, 5445, 5380, 5274, 5332, 5463, 5453, 5441, 5392, 5288, 5327, 5444, 5432, 5280, 5328, 5348, 5334, 5429, 5313, 5262, 5363, 5470, 5255, 5283, 5322, 5406, 5469, 5289, 5338, 5467, 5426, 5279, 5281, 5326, 5252, 5446, 5442, 5394, 5258, 5297, 5361, 5268, 5330, 5431, 5411, 5439, 5323, 5291, 5359 (13 hits) (02/06/2009 02:45:39 PM)
30	9	1.0	333.0	Yes	5261.0MHz, -64.0dBm	Hop sequence: 5438, 5394, 5278, 5303, 5420, 5324, 5299, 5382, 5333, 5313, 5268, 5448, 5277, 5272, 5412, 5459, 5339, 5338, 5310, 5450, 5301, 5323, 5441, 5379, 5371, 5280, 5283, 5353, 5302, 5392, 5271, 5275, 5381, 5366, 5444, 5460, 5402, 5470, 5260, 5468, 5365, 5390, 5288, 5458, 5329, 5369, 5332, 5265, 5281, 5370, 5380, 5449, 5445, 5308, 5454, 5431, 5267, 5469, 5405, 5465, 5433, 5264, 5282, 5442, 5386, 5404, 5406, 5284, 5266, 5421, 5335, 5417, 5259, 5389, 5285, 5455, 5291, 5401, 5452, 5315, 5273, 5446, 5346, 5376, 5411, 5289, 5456, 5435, 5340, 5307, 5396, 5290, 5328, 5348, 5293, 5368, 5320, 5388, 5306, 5422 (7 hits) (02/06/2009 02:46:07 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
31	9	1.0	333.0	Yes	5262.0MHz, -64.0dBm	Hop sequence: 5325, 5292, 5410, 5465, 5461, 5286, 5294, 5339, 5296, 5291, 5333, 5444, 5350, 5277, 5282, 5358, 5435, 5316, 5365, 5407, 5256, 5263, 5436, 5266, 5334, 5431, 5391, 5351, 5327, 5458, 5383, 5311, 5306, 5430, 5322, 5397, 5396, 5382, 5348, 5437, 5270, 5448, 5257, 5315, 5369, 5281, 5471, 5285, 5385, 5373, 5459, 5429, 5434, 5301, 5457, 5262, 5406, 5324, 5449, 5442, 5405, 5393, 5307, 5376, 5272, 5377, 5441, 5394, 5433, 5302, 5392, 5274, 5340, 5319, 5464, 5280, 5466, 5320, 5452, 5313, 5254, 5314, 5411, 5423, 5418, 5389, 5419, 5422, 5305, 5331, 5380, 5378, 5425, 5329, 5470, 5447, 5460, 5310, 5446, 5421 (6 hits) (02/06/2009 02:47:40 PM)
32	9	1.0	333.0	Yes	5263.0MHz, -64.0dBm	Hop sequence: 5428, 5456, 5364, 5260, 5286, 5414, 5325, 5289, 5446, 5319, 5314, 5317, 5351, 5437, 5316, 5343, 5263, 5371, 5426, 5375, 5438, 5361, 5382, 5429, 5278, 5274, 5272, 5329, 5328, 5376, 5336, 5392, 5435, 5338, 5315, 5356, 5386, 5400, 5393, 5290, 5458, 5449, 5254, 5349, 5291, 5447, 5324, 5301, 5342, 5433, 5397, 5408, 5401, 5422, 5347, 5415, 5348, 5267, 5455, 5284, 5354, 5430, 5287, 5282, 5280, 5297, 5275, 5269, 5409, 5281, 5296, 5363, 5359, 5293, 5332, 5292, 5357, 5262, 5413, 5265, 5258, 5352, 5432, 5398, 5307, 5346, 5444, 5304, 5452, 5441, 5309, 5335, 5383, 5443, 5411, 5403, 5451, 5368, 5468, 5266 (9 hits) (02/06/2009 02:47:49 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
33	9	1.0	333.0	Yes	5264.0MHz, -64.0dBm	Hop sequence: 5399, 5281, 5439, 5354, 5315, 5448, 5286, 5298, 5365, 5437, 5303, 5412, 5356, 5341, 5297, 5447, 5290, 5324, 5252, 5383, 5361, 5318, 5296, 5355, 5389, 5302, 5462, 5410, 5404, 5419, 5433, 5278, 5351, 5385, 5254, 5269, 5291, 5294, 5409, 5434, 5262, 5431, 5321, 5255, 5310, 5396, 5426, 5272, 5357, 5393, 5319, 5349, 5328, 5424, 5416, 5414, 5397, 5456, 5417, 5464, 5300, 5284, 5276, 5402, 5408, 5322, 5337, 5369, 5342, 5422, 5430, 5381, 5442, 5401, 5299, 5469, 5367, 5463, 5425, 5292, 5388, 5468, 5289, 5340, 5420, 5274, 5267, 5386, 5446, 5327, 5444, 5251, 5382, 5307, 5293, 5438, 5287, 5332, 5405, 5380 (7 hits) (02/06/2009 02:48:05 PM)
34	9	1.0	333.0	Yes	5265.0MHz, -64.0dBm	Hop sequence: 5393, 5306, 5332, 5467, 5358, 5404, 5375, 5454, 5386, 5335, 5387, 5353, 5423, 5294, 5470, 5417, 5373, 5295, 5318, 5256, 5275, 5323, 5273, 5394, 5455, 5406, 5403, 5365, 5289, 5425, 5443, 5316, 5302, 5300, 5345, 5258, 5422, 5434, 5293, 5301, 5366, 5270, 5312, 5308, 5354, 5367, 5351, 5313, 5360, 5266, 5372, 5339, 5279, 5368, 5340, 5268, 5452, 5412, 5468, 5344, 5392, 5409, 5371, 5343, 5396, 5261, 5436, 5411, 5418, 5322, 5405, 5431, 5262, 5428, 5347, 5277, 5314, 5437, 5388, 5346, 5267, 5439, 5356, 5415, 5435, 5309, 5381, 5357, 5448, 5280, 5257, 5402, 5453, 5349, 5317, 5260, 5456, 5298, 5276, 5442 (9 hits) (02/06/2009 02:48:20 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
35	9	1.0	333.0	Yes	5266.0MHz, -64.0dBm	Hop sequence: 5277, 5408, 5371, 5319, 5457, 5418, 5407, 5352, 5253, 5346, 5449, 5327, 5385, 5446, 5311, 5444, 5405, 5260, 5344, 5430, 5362, 5331, 5411, 5436, 5465, 5360, 5293, 5404, 5335, 5278, 5295, 5441, 5399, 5304, 5420, 5416, 5468, 5426, 5285, 5387, 5259, 5374, 5279, 5443, 5368, 5354, 5459, 5298, 5350, 5340, 5336, 5275, 5442, 5326, 5342, 5309, 5318, 5447, 5428, 5406, 5358, 5464, 5256, 5429, 5376, 5284, 5373, 5421, 5263, 5332, 5467, 5466, 5322, 5433, 5393, 5302, 5297, 5306, 5379, 5364, 5355, 5392, 5377, 5389, 5383, 5328, 5456, 5395, 5367, 5321, 5305, 5361, 5448, 5341, 5272, 5281, 5282, 5363, 5283, 5338 (5 hits) (02/06/2009 02:48:50 PM)
36	9	1.0	333.0	Yes	5267.0MHz, -64.0dBm	Hop sequence: 5384, 5436, 5277, 5318, 5363, 5426, 5418, 5302, 5272, 5315, 5336, 5273, 5373, 5467, 5329, 5259, 5258, 5462, 5447, 5393, 5253, 5417, 5322, 5397, 5456, 5387, 5446, 5326, 5470, 5332, 5343, 5381, 5453, 5401, 5313, 5319, 5292, 5407, 5421, 5432, 5403, 5369, 5268, 5327, 5298, 5366, 5368, 5374, 5427, 5288, 5274, 5440, 5394, 5419, 5353, 5309, 5359, 5391, 5367, 5370, 5294, 5278, 5434, 5290, 5380, 5293, 5263, 5463, 5377, 5333, 5457, 5291, 5392, 5358, 5306, 5337, 5423, 5310, 5371, 5361, 5346, 5314, 5399, 5265, 5461, 5339, 5282, 5451, 5425, 5279, 5335, 5405, 5252, 5305, 5330, 5385, 5389, 5400, 5415, 5260 (8 hits) (02/06/2009 02:49:14 PM)

Table 42 - FCC frequency hopping radar (Type 6) Results 20MHz BW FCC						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
37	9	1.0	333.0	Yes	5268.0MHz, -64.0dBm	Hop sequence: 5369, 5305, 5280, 5459, 5271, 5334, 5332, 5418, 5285, 5320, 5439, 5306, 5456, 5450, 5429, 5412, 5328, 5274, 5262, 5258, 5386, 5406, 5337, 5390, 5351, 5434, 5316, 5364, 5444, 5317, 5402, 5344, 5417, 5313, 5296, 5256, 5254, 5377, 5299, 5279, 5252, 5264, 5410, 5356, 5339, 5455, 5368, 5347, 5471, 5378, 5447, 5266, 5300, 5275, 5387, 5304, 5451, 5277, 5346, 5278, 5432, 5467, 5392, 5261, 5253, 5427, 5445, 5282, 5420, 5463, 5345, 5449, 5272, 5349, 5416, 5443, 5408, 5384, 5442, 5422, 5268, 5359, 5343, 5460, 5421, 5342, 5301, 5376, 5302, 5281, 5385, 5375, 5437, 5425, 5370, 5394, 5358, 5325, 5462, 5323 (10 hits) (02/06/2009 02:49:32 PM)
38	9	1.0	333.0	Yes	5269.0MHz, -64.0dBm	Hop sequence: 5261, 5444, 5441, 5402, 5254, 5326, 5263, 5447, 5285, 5305, 5359, 5383, 5378, 5358, 5363, 5270, 5390, 5435, 5271, 5411, 5393, 5448, 5464, 5396, 5416, 5362, 5381, 5462, 5379, 5469, 5335, 5274, 5454, 5430, 5440, 5461, 5425, 5280, 5367, 5293, 5252, 5353, 5455, 5325, 5417, 5426, 5316, 5355, 5406, 5330, 5250, 5446, 5398, 5268, 5436, 5291, 5304, 5311, 5290, 5284, 5336, 5373, 5342, 5260, 5282, 5297, 5251, 5371, 5439, 5306, 5410, 5458, 5328, 5331, 5341, 5422, 5414, 5286, 5320, 5309, 5313, 5471, 5433, 5437, 5310, 5317, 5292, 5289, 5259, 5275, 5385, 5296, 5303, 5388, 5351, 5300, 5395, 5267, 5405, 5365 (9 hits) (02/06/2009 02:49:45 PM)

Table 43 - 40MHz BW (FCC)Detection Bandwidth Measurements (+18MHz /-20MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5249.00 MHz	0	3	0
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5250.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5251.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5252.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5253.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5254.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5255.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5256.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5257.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5258.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5259.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5260.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5261.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5262.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5263.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5264.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5265.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5266.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5267.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5268.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5269.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5270.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5271.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5272.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5273.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5274.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5275.00 MHz	10	0	100

Table 43 - 40MHz BW (FCC)Detection Bandwidth Measurements (+18MHz /-20MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5276.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5277.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5278.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5279.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5280.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5281.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5282.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5283.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5284.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5285.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5286.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5287.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5288.00 MHz	10	0	100
5270.00 MHz	FCC Short Pulse Radar (Type 4)	5289.00 MHz	1	3	25

Table 44 - Summary of All Results - 40MHz BW (FCC)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	86.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	80.0 %	60.0 %	30	PASSED
Aggregate of above results	90.0 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	82.0 % see note	60.0 %	32 see note	PASSED
Long Sequence	90.0 %	60.0 %	30	PASSED

Note: Actual percentage of trials detected for the 40MHz Channel with Type 6 (hopping radar) was 100% (32 of 32). The minimum number of trials using the alternate hopping radar generation method is the detection bandwidth, which was 39MHz. Testing was stopped after 32 trials as 32 of 39 detections (82%) more than met the required detection probability of 70%.

Table 45 - FCC Short Pulse Radar (Type 1) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
1	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:17:29 AM)
2	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:17:39 AM)
3	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:18:01 AM)
4	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:18:12 AM)
5	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:18:25 AM)
6	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:20:01 AM)
7	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:20:11 AM)
8	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:20:27 AM)
9	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:20:44 AM)
10	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:20:58 AM)
11	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:21:17 AM)
12	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:21:27 AM)
13	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:21:38 AM)
14	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:21:47 AM)
15	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:21:56 AM)
16	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:22:08 AM)
17	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:22:15 AM)
18	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:22:24 AM)
19	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:29:09 AM)
20	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:29:17 AM)
21	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:29:26 AM)
22	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:29:33 AM)
23	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:30:11 AM)
24	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:30:27 AM)
25	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:30:40 AM)
26	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:30:52 AM)

Table 45 - FCC Short Pulse Radar (Type 1) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
27	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:31:03 AM)
28	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:31:19 AM)
29	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:32:00 AM)
30	18	1.0	1428.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:32:11 AM)

Table 46 - FCC Short Pulse Radar (Type 2) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
1	24	2.7	204.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:32:57 AM)
2	28	4.5	226.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:33:12 AM)
3	28	1.4	208.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:33:30 AM)
4	26	3.5	223.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:33:50 AM)
5	27	4.4	190.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:34:26 AM)
6	28	2.4	184.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:35:08 AM)
7	26	1.1	195.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:35:20 AM)
8	24	1.8	156.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:35:36 AM)
9	24	4.8	166.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:35:50 AM)
10	24	2.8	167.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:35:58 AM)
11	25	3.8	227.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:36:09 AM)
12	28	3.6	219.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:36:19 AM)
13	26	4.8	225.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:36:30 AM)
14	27	4.0	161.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:36:54 AM)
15	26	1.9	225.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:37:08 AM)
16	25	1.8	151.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:37:17 AM)
17	28	2.4	163.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:37:25 AM)
18	24	4.2	192.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:37:33 AM)
19	23	3.7	177.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:37:46 AM)

Table 46 - FCC Short Pulse Radar (Type 2) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
20	24	3.1	223.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:37:56 AM)
21	26	1.3	153.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:38:06 AM)
22	23	4.5	184.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:38:14 AM)
23	27	4.9	225.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:38:24 AM)
24	25	2.4	203.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:38:48 AM)
25	24	2.0	208.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:39:02 AM)
26	25	1.8	197.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:39:10 AM)
27	28	2.9	206.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:39:21 AM)
28	24	1.6	163.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:39:34 AM)
29	28	2.1	169.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:39:56 AM)
30	24	1.0	211.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:40:49 AM)

Table 47 - FCC Short Pulse Radar (Type 3) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
1	17	6.1	458.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:41:25 AM)
2	18	8.3	408.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:41:38 AM)
3	17	6.5	461.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:41:53 AM)
4	17	8.8	277.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:42:08 AM)
5	17	9.5	330.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:42:19 AM)
6	16	7.7	229.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:42:28 AM)
7	18	7.7	343.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:42:39 AM)
8	16	8.8	484.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:42:52 AM)
9	18	10.0	320.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:43:03 AM)
10	17	6.5	219.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:43:19 AM)
11	17	6.9	490.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:43:30 AM)
12	16	8.9	257.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:43:40 AM)

Table 47 - FCC Short Pulse Radar (Type 3) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
13	17	9.5	410.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:43:57 AM)
14	17	8.1	432.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:44:12 AM)
15	16	9.4	336.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:44:30 AM)
16	16	8.8	436.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:44:38 AM)
17	17	9.4	463.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:44:54 AM)
18	17	7.5	368.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:45:13 AM)
19	17	9.4	333.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:45:52 AM)
20	17	6.8	380.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:46:01 AM)
21	17	7.4	241.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:46:09 AM)
22	16	8.1	257.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:47:12 AM)
23	16	9.7	365.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:49:10 AM)
24	16	6.2	285.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:49:24 AM)
25	16	7.8	406.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:51:28 AM)
26	16	9.4	274.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:51:39 AM)
27	16	8.1	218.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:51:50 AM)
28	17	7.0	486.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:52:05 AM)
29	17	9.5	401.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:52:16 AM)
30	16	9.1	261.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:52:30 AM)

Table 48 - FCC Short Pulse Radar (Type 4) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
1	12	13.0	441.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:54:02 AM)
2	15	17.1	248.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:54:19 AM)
3	14	15.3	251.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:54:47 AM)
4	15	15.1	437.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:55:02 AM)
5	12	11.2	452.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:55:50 AM)

Table 48 - FCC Short Pulse Radar (Type 4) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Other information/hopping sequence.
6	13	11.0	477.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:56:03 AM)
7	14	12.2	359.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:56:11 AM)
8	14	14.5	298.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:56:42 AM)
9	16	14.4	468.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:56:56 AM)
10	14	14.8	435.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:57:19 AM)
11	13	18.3	382.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:57:31 AM)
12	13	18.2	475.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:58:03 AM)
13	16	13.3	485.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:58:22 AM)
14	13	11.9	398.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:58:40 AM)
15	12	17.1	274.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 10:59:21 AM)
16	14	11.1	394.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:02:18 AM)
17	14	17.6	354.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:06:13 AM)
18	13	16.0	298.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:06:24 AM)
19	16	16.0	484.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:06:39 AM)
20	13	16.3	321.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:06:50 AM)
21	15	14.9	381.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:07:28 AM)
22	15	16.2	411.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:07:41 AM)
23	13	15.7	204.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:07:57 AM)
24	14	18.0	479.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:08:09 AM)
25	16	18.3	308.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:08:25 AM)
26	13	13.5	242.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:08:37 AM)
27	13	19.7	408.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:08:59 AM)
28	14	14.9	342.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:09:20 AM)
29	13	15.6	376.0	No	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:09:32 AM)
30	14	14.0	218.0	Yes	5270.0MHz, -64.0dBm	Single burst (02/06/2009 11:09:55 AM)

Table 49 - Long Sequence Waveform Summary 40MHz BW (FCC)		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5270.0MHz, -64.0dBm
Trial #2	Detected	5270.0MHz, -64.0dBm
Trial #3	Detected	5270.0MHz, -64.0dBm
Trial #4	Detected	5270.0MHz, -64.0dBm
Trial #5	Detected	5270.0MHz, -64.0dBm
Trial #6	Detected	5270.0MHz, -64.0dBm
Trial #7	Detected	5275.0MHz, -64.0dBm
Trial #8	Detected	5275.0MHz, -64.0dBm
Trial #9	NOT Detected	5275.0MHz, -64.0dBm
Trial #10	NOT Detected	5275.0MHz, -64.0dBm
Trial #11	Detected	5275.0MHz, -64.0dBm
Trial #12	Detected	5275.0MHz, -64.0dBm
Trial #13	Detected	5280.0MHz, -64.0dBm
Trial #14	Detected	5280.0MHz, -64.0dBm
Trial #15	NOT Detected	5280.0MHz, -64.0dBm
Trial #16	Detected	5280.0MHz, -64.0dBm
Trial #17	Detected	5280.0MHz, -64.0dBm
Trial #18	Detected	5280.0MHz, -64.0dBm
Trial #19	Detected	5265.0MHz, -64.0dBm
Trial #20	Detected	5265.0MHz, -64.0dBm
Trial #21	Detected	5265.0MHz, -64.0dBm
Trial #22	Detected	5265.0MHz, -64.0dBm
Trial #23	Detected	5265.0MHz, -64.0dBm
Trial #24	Detected	5265.0MHz, -64.0dBm
Trial #25	Detected	5260.0MHz, -64.0dBm
Trial #26	Detected	5260.0MHz, -64.0dBm
Trial #27	Detected	5260.0MHz, -64.0dBm

Table 49 - Long Sequence Waveform Summary 40MHz BW (FCC)		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #28	Detected	5260.0MHz, -64.0dBm
Trial #29	Detected	5260.0MHz, -64.0dBm
Trial #30	Detected	5260.0MHz, -64.0dBm

Table 50 - 40MHz BW (FCC) Long Sequence Waveform Trial#1 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	59.8	10	1638.0	-	0.218656
2	3	63.8	16	1327.0	1604.0	1.155482
3	3	74.3	17	1776.0	1439.0	1.858322
4	2	98.1	12	1517.0	-	2.051184
5	2	72.8	8	1449.0	-	2.688662
6	2	84.9	13	1179.0	-	3.914922
7	2	55.4	17	1405.0	-	4.106543
8	3	58.9	16	1905.0	1837.0	4.953786
9	1	80.3	15	-	-	5.546214
10	2	68.3	10	1931.0	-	6.184806
11	1	61.9	19	-	-	7.194580
12	2	55.2	14	1740.0	-	7.458113
13	3	79.5	13	1261.0	1585.0	8.566732
14	2	94.2	12	1083.0	-	8.824812
15	2	53.6	7	1713.0	-	9.405030
16	2	76.7	12	1095.0	-	10.403365
17	2	93.0	5	1157.0	-	11.138266
18	2	74.9	12	1575.0	-	11.345680

Table 51 - 40MHz BW (FCC) Long Sequence Waveform Trial#2 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	56.9	18	1066.0	-	0.038249
2	2	55.0	19	1353.0	-	1.281913
3	1	75.9	11	-	-	1.973288
4	2	75.6	13	1740.0	-	2.978078
5	2	55.6	17	1803.0	-	3.728918
6	2	78.1	19	1295.0	-	3.769359
7	1	85.7	13	-	-	5.088285
8	3	50.7	11	1146.0	1378.0	5.755928
9	2	91.4	12	1871.0	-	6.679400
10	1	59.6	20	-	-	7.461991
11	2	60.7	10	1922.0	-	7.672957
12	1	57.6	19	-	-	8.827794
13	2	70.7	10	1833.0	-	9.501039
14	1	64.4	16	-	-	10.212939
15	1	96.7	19	-	-	10.583924
16	3	75.3	16	1616.0	1625.0	11.721531

Table 52 - 40MHz BW (FCC) Long Sequence Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	88.2	5	-	-	0.157874
2	3	64.1	13	1401.0	1360.0	0.775630
3	2	92.7	14	1771.0	-	1.954216
4	1	99.6	12	-	-	2.658215
5	2	79.9	5	1293.0	-	2.737885
6	1	91.6	16	-	-	3.803806
7	3	76.8	18	1968.0	1759.0	4.375502
8	3	99.6	10	1236.0	1820.0	4.746928
9	1	72.4	9	-	-	5.973702
10	1	82.7	9	-	-	6.076599
11	2	72.4	11	1239.0	-	7.045608
12	3	99.9	9	1050.0	1622.0	7.640314
13	1	79.7	8	-	-	8.043312
14	1	74.6	10	-	-	8.997990
15	3	88.2	18	1140.0	1951.0	9.726401
16	3	59.7	14	1007.0	1648.0	10.378515
17	3	63.6	7	1043.0	1931.0	11.021712
18	2	91.5	11	1326.0	-	11.565884

Table 53 - 40MHz BW (FCC) Long Sequence Waveform Trial#4 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	98.9	9	1700.0	-	0.156699
2	3	63.4	13	1663.0	1730.0	1.029224
3	2	91.2	11	1236.0	-	1.607232
4	2	83.6	7	1006.0	-	2.397480
5	2	57.4	14	1151.0	-	3.374291
6	2	89.9	16	1378.0	-	3.717303
7	1	80.2	5	-	-	4.676615
8	3	71.3	14	1512.0	1643.0	5.258490
9	2	67.8	18	1494.0	-	6.073369
10	1	79.7	10	-	-	6.686781
11	1	79.8	12	-	-	7.685240
12	3	66.4	19	1684.0	1332.0	8.306784
13	2	81.8	13	1075.0	-	8.652901
14	1	55.3	20	-	-	9.337114
15	3	77.3	17	1818.0	1753.0	10.076045
16	2	70.0	5	1138.0	-	10.848148
17	2	86.9	16	1609.0	-	11.706194

Table 54 - 40MHz BW (FCC) Long Sequence Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	95.6	14	1814.0	-	0.173605
2	2	64.5	14	1764.0	-	2.142277
3	1	80.1	15	-	-	3.092624
4	2	82.1	18	1229.0	-	4.901565
5	2	94.4	15	1830.0	-	5.894896
6	2	79.7	7	1851.0	-	6.760342

Table 54 - 40MHz BW (FCC) Long Sequence Waveform Trial#5 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
7	2	85.3	7	1810.0	-	9.191740
8	3	71.0	6	1118.0	1929.0	10.588742
9	1	56.7	7	-	-	11.868326

Table 55 - 40MHz BW (FCC) Long Sequence Waveform Trial#6 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	99.1	11	1625.0	-	0.243493
2	3	86.4	5	1917.0	1372.0	0.862373
3	2	74.7	18	1493.0	-	1.761006
4	2	99.7	11	1877.0	-	2.757412
5	1	80.0	6	-	-	2.887513
6	2	99.9	11	1092.0	-	3.886818
7	2	81.4	7	1888.0	-	4.903249
8	2	77.9	14	1927.0	-	4.955929
9	1	82.3	13	-	-	6.285340
10	3	57.8	16	1301.0	1557.0	7.009928
11	3	62.2	12	1200.0	1409.0	7.562804
12	2	99.0	8	1147.0	-	8.234139
13	3	79.8	7	1294.0	1755.0	9.025151
14	2	85.8	17	1397.0	-	9.331316
15	2	82.0	12	1863.0	-	10.116085
16	3	64.7	18	1925.0	1409.0	10.789332
17	2	87.8	7	1222.0	-	11.656498

Table 56 - 40MHz BW (FCC) Long Sequence Waveform Trial#7 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	70.0	20	1646.0	-	0.171060
2	1	72.0	11	-	-	1.677776
3	2	96.8	6	1907.0	-	2.073239
4	1	76.9	13	-	-	3.342524
5	2	78.8	18	1746.0	-	4.058991
6	2	99.4	17	1999.0	-	4.927410
7	3	53.6	7	1993.0	1405.0	5.979178
8	3	69.4	8	1028.0	1469.0	6.545825
9	2	82.6	15	1824.0	-	8.183471
10	3	65.9	16	1882.0	1137.0	8.818847
11	2	92.7	16	1284.0	-	9.400660
12	3	60.0	15	1472.0	1929.0	10.827219
13	1	79.8	12	-	-	11.341963

Table 57 - 40MHz BW (FCC) Long Sequence Waveform Trial#8 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	98.8	15	1727.0	-	0.228230
2	2	82.9	20	1755.0	-	1.046032
3	1	95.4	15	-	-	1.385041
4	2	53.7	17	1712.0	-	1.810332
5	2	66.3	19	1033.0	-	2.789663
6	2	98.0	10	1448.0	-	3.245948
7	2	59.1	5	1627.0	-	3.705370
8	2	64.7	13	1915.0	-	4.486525
9	3	61.4	7	1178.0	1098.0	5.006120
10	2	66.5	19	1077.0	-	5.515089
11	2	63.0	12	1702.0	-	6.583031
12	1	70.7	18	-	-	6.609285
13	2	65.2	18	1910.0	-	7.688452
14	3	50.8	19	1036.0	1407.0	7.808190
15	2	78.9	7	1929.0	-	8.949041
16	3	67.8	15	1639.0	1452.0	9.244740
17	2	95.4	5	1678.0	-	10.101895
18	3	73.0	16	1491.0	1414.0	10.336653
19	2	78.8	7	1022.0	-	10.983065
20	2	98.2	6	1815.0	-	11.577479

Table 58 - 40MHz BW (FCC) Long Sequence Waveform Trial#9 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	99.2	18	-	-	0.024891
2	2	64.2	9	1408.0	-	0.844422
3	3	61.9	7	1006.0	1329.0	1.445477
4	1	73.8	12	-	-	2.142845
5	2	65.3	12	1973.0	-	2.676580
6	2	86.7	10	1360.0	-	3.462044
7	3	87.7	18	1061.0	1670.0	4.214648
8	3	60.8	5	1428.0	1645.0	4.942985
9	2	96.3	11	1199.0	-	5.432888
10	3	93.3	18	1002.0	1572.0	6.122724
11	3	91.9	17	1761.0	1598.0	6.757154
12	1	88.7	8	-	-	7.456395
13	2	71.1	15	1215.0	-	8.635794
14	2	59.1	9	1606.0	-	8.923553
15	2	88.0	7	1206.0	-	9.605225
16	2	91.6	19	1433.0	-	10.141531
17	3	77.8	19	1724.0	1359.0	11.037421
18	1	96.9	19	-	-	11.888729

Table 59 - 40MHz BW (FCC) Long Sequence Waveform Trial#10 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	64.6	7	1433.0	-	0.127607
2	2	61.7	18	1524.0	-	1.287082
3	3	70.6	16	1320.0	1675.0	2.984032
4	2	86.1	20	1020.0	-	4.608892
5	3	94.7	14	1133.0	1496.0	5.941917
6	2	70.9	13	1411.0	-	6.294992
7	1	90.0	15	-	-	7.763258
8	3	91.3	13	1878.0	1870.0	9.092658
9	3	61.0	17	1880.0	1045.0	9.749461
10	3	78.4	12	1490.0	1464.0	11.160482

Table 60 - 40MHz BW (FCC) Long Sequence Waveform Trial#11 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	82.8	7	-	-	0.570044
2	1	71.1	14	-	-	0.704312
3	2	54.1	17	1107.0	-	1.813775
4	3	77.1	19	1474.0	1048.0	2.173895
5	2	68.2	20	1354.0	-	2.747339
6	1	58.6	13	-	-	3.558453
7	2	65.7	14	1702.0	-	4.661091
8	3	92.8	11	1480.0	1982.0	5.152392
9	1	67.9	6	-	-	5.791071
10	1	79.2	11	-	-	6.594316
11	1	84.7	8	-	-	6.761646
12	3	58.8	10	1013.0	1105.0	7.343332
13	2	74.3	6	1821.0	-	8.640035
14	3	89.0	10	1538.0	1096.0	8.830240
15	2	82.2	17	1928.0	-	9.970915
16	1	70.2	9	-	-	10.637802
17	3	69.7	13	1911.0	1384.0	10.735496
18	1	89.0	18	-	-	11.840259

Table 61 - 40MHz BW (FCC) Long Sequence Waveform Trial#12 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	75.2	10	-	-	0.627800
2	1	90.0	15	-	-	0.954945
3	1	65.9	8	-	-	2.001312
4	2	75.2	7	1813.0	-	3.605901
5	2	79.8	17	1015.0	-	3.905333
6	2	56.5	15	1785.0	-	5.457069
7	1	73.8	10	-	-	6.157892
8	2	84.4	18	1207.0	-	6.693432
9	2	98.2	13	1315.0	-	7.558480
10	2	92.3	6	1863.0	-	8.736269
11	3	84.2	15	1242.0	1801.0	9.665863
12	3	61.5	10	1828.0	1522.0	11.013237
13	2	89.3	9	1959.0	-	11.927253

Table 62 - 40MHz BW (FCC) Long Sequence Waveform Trial#13 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	95.0	11	1816.0	-	0.851897
2	2	54.5	7	1645.0	-	1.137732
3	3	61.0	12	1982.0	1334.0	2.682787
4	1	90.8	11	-	-	4.247151
5	1	92.1	13	-	-	4.515999
6	3	79.8	11	1732.0	1043.0	5.656882
7	2	54.9	13	1124.0	-	7.555980
8	2	74.9	12	1718.0	-	8.495157
9	2	63.9	13	1495.0	-	8.759894
10	3	90.1	5	1927.0	1320.0	10.236929
11	3	78.7	8	1451.0	1150.0	11.931934

Table 63 - 40MHz BW (FCC) Long Sequence Waveform Trial#14 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	86.4	11	-	-	0.763438
2	2	93.9	13	1506.0	-	1.487279
3	2	52.6	9	1819.0	-	1.968421
4	2	95.2	16	1720.0	-	2.942053
5	2	85.4	16	1750.0	-	3.822132
6	1	99.7	18	-	-	4.820234
7	1	81.8	6	-	-	5.567257
8	3	65.2	15	1754.0	1391.0	6.140454
9	1	80.0	19	-	-	7.430313
10	3	82.0	8	1793.0	1996.0	8.544205
11	2	87.4	15	1068.0	-	8.652362
12	2	52.9	5	1804.0	-	10.112699
13	3	60.1	9	1525.0	1719.0	10.641108
14	2	88.7	14	1593.0	-	11.859041

Table 64 - 40MHz BW (FCC) Long Sequence Waveform Trial#15 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	80.5	12	-	-	0.860179
2	2	75.2	16	1564.0	-	1.837486
3	1	94.4	12	-	-	2.498614
4	2	59.4	10	1005.0	-	3.295447
5	2	63.8	11	1518.0	-	4.573121
6	3	66.0	14	1965.0	1156.0	5.074900
7	2	63.2	12	1738.0	-	6.038853
8	2	68.0	19	1884.0	-	7.872444
9	1	86.2	7	-	-	8.299775
10	2	60.1	7	1725.0	-	9.411710
11	3	70.7	11	1288.0	1487.0	10.431036
12	1	70.3	12	-	-	11.311290

Table 65 - 40MHz BW (FCC) Long Sequence Waveform Trial#16 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	71.5	16	-	-	1.315710
2	3	89.3	19	1006.0	1257.0	2.648377
3	3	50.0	8	1280.0	1728.0	3.273742
4	3	99.2	6	1307.0	1437.0	5.158026
5	3	85.1	19	1104.0	1514.0	5.594933
6	2	90.1	7	1815.0	-	6.667404
7	2	84.5	15	1011.0	-	8.597391
8	1	91.1	15	-	-	10.290197
9	1	77.5	9	-	-	10.679993

Table 66 - 40MHz BW (FCC) Long Sequence Waveform Trial#17 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	78.3	14	-	-	0.602775
2	2	55.9	10	1893.0	-	1.549002
3	3	52.5	7	1522.0	1028.0	2.302115
4	1	50.3	10	-	-	3.430869
5	1	63.4	10	-	-	4.847365
6	1	66.1	14	-	-	6.076361
7	1	72.5	9	-	-	7.635914
8	3	82.6	18	1267.0	1702.0	7.967943
9	2	62.5	8	1360.0	-	9.580632
10	2	58.5	8	1242.0	-	10.873471
11	1	83.4	20	-	-	11.078363

Table 67 - 40MHz BW (FCC) Long Sequence Waveform Trial#18 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	97.1	10	1244.0	-	0.281452
2	2	71.5	17	1869.0	-	1.416229
3	2	62.0	8	1949.0	-	2.134386
4	3	97.1	7	1375.0	1485.0	2.961658
5	1	52.1	18	-	-	3.547334
6	3	66.1	14	1799.0	1732.0	4.368270
7	1	82.5	16	-	-	4.584085
8	2	98.0	14	1697.0	-	5.798497
9	2	79.9	10	1668.0	-	6.235189
10	2	50.1	17	1715.0	-	7.232843
11	2	86.9	5	1789.0	-	7.578470
12	2	64.9	6	1526.0	-	8.573325
13	1	74.1	8	-	-	9.406897
14	2	85.6	14	1220.0	-	10.233411
15	2	62.5	5	1855.0	-	11.016575
16	2	64.7	14	1112.0	-	11.396612

Table 68 - 40MHz BW (FCC) Long Sequence Waveform Trial#19 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	98.7	15	1977.0	1675.0	0.622289
2	3	56.8	6	1206.0	1242.0	1.400643
3	2	66.5	11	1009.0	-	2.511617
4	2	89.4	5	1803.0	-	2.638825
5	2	67.0	5	1278.0	-	3.833199
6	1	85.6	8	-	-	5.044083
7	1	78.9	12	-	-	5.808239
8	2	63.4	11	1866.0	-	6.248239
9	2	79.5	10	1283.0	-	7.293018
10	2	54.9	8	1535.0	-	8.492511
11	1	77.0	17	-	-	9.128556
12	2	84.7	15	1334.0	-	9.690634
13	1	71.0	5	-	-	10.388009
14	1	98.9	19	-	-	11.602972

Table 69 - 40MHz BW (FCC) Long Sequence Waveform Trial#20 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	64.7	7	1670.0	-	0.193546
2	1	87.6	13	-	-	1.456148
3	2	99.7	5	1808.0	-	2.705432
4	1	58.6	11	-	-	3.153575
5	2	51.0	9	1535.0	-	4.815434
6	3	57.0	13	1788.0	1957.0	5.581579
7	1	95.2	10	-	-	6.943257
8	2	93.9	8	1856.0	-	7.729434
9	3	86.3	10	1224.0	1160.0	8.663337
10	1	76.8	6	-	-	9.309145
11	2	94.6	9	1800.0	-	10.950218
12	1	67.5	7	-	-	11.214108

Table 70 - 40MHz BW (FCC) Long Sequence Waveform Trial#21 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	69.2	19	1720.0	-	0.411522
2	2	72.0	12	1283.0	-	1.324937
3	2	80.5	18	1241.0	-	2.538352
4	3	64.9	9	1988.0	1608.0	3.760992
5	2	87.8	7	1843.0	-	5.262209
6	1	78.2	15	-	-	6.216469
7	2	80.8	9	1224.0	-	8.181963
8	2	97.5	6	1341.0	-	9.071525
9	3	56.7	11	1508.0	1085.0	10.234744
10	1	54.7	11	-	-	11.485990

Table 71 - 40MHz BW (FCC) Long Sequence Waveform Trial#22 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	93.7	8	1011.0	1035.0	0.596260
2	2	63.0	17	1737.0	-	0.876364
3	1	97.3	8	-	-	2.143958
4	2	76.7	12	1110.0	-	2.913754
5	1	75.5	7	-	-	3.494052
6	3	78.0	14	1271.0	1903.0	5.082003
7	2	99.4	12	1237.0	-	5.700384
8	2	79.3	16	1772.0	-	6.212760
9	2	93.9	12	1843.0	-	7.426940
10	2	73.4	12	1237.0	-	8.155143
11	1	54.9	9	-	-	9.185360
12	2	74.1	13	1291.0	-	9.969802
13	2	71.2	9	1867.0	-	10.804348
14	1	87.2	6	-	-	11.470171

Table 72 - 40MHz BW (FCC) Long Sequence Waveform Trial#23 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	72.2	17	-	-	0.261508
2	2	53.3	15	1813.0	-	1.367672
3	2	91.5	6	1920.0	-	1.568831
4	2	66.0	13	1295.0	-	2.557018
5	2	59.7	17	1705.0	-	3.650619
6	2	81.8	11	1732.0	-	4.053921
7	2	76.0	9	1348.0	-	4.863762
8	2	70.2	11	1649.0	-	5.502962
9	3	69.2	15	1650.0	1027.0	6.592330
10	3	94.9	7	1294.0	1871.0	6.763949
11	2	64.0	19	1413.0	-	7.545407
12	2	91.9	14	1308.0	-	8.342607
13	1	52.0	18	-	-	9.579024
14	2	80.5	9	1137.0	-	9.947427
15	2	95.1	5	1289.0	-	10.509487
16	3	56.7	10	1228.0	1101.0	11.572515

Table 73 - 40MHz BW (FCC) Long Sequence Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	83.4	19	1200.0	1840.0	0.372449
2	2	96.7	12	1217.0	-	0.901649
3	2	85.6	8	1150.0	-	2.069360
4	2	95.7	20	1583.0	-	2.243443
5	3	81.5	19	1597.0	1879.0	2.874354
6	2	91.0	10	1815.0	-	3.619189
7	2	83.5	10	1829.0	-	4.884563
8	2	80.8	7	1817.0	-	5.640207
9	1	64.0	16	-	-	6.190988
10	1	88.9	14	-	-	6.876850
11	2	86.3	12	1231.0	-	7.086439

Table 73 - 40MHz BW (FCC) Long Sequence Waveform Trial#24 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
12	1	97.8	15	-	-	8.391664
13	2	88.7	13	1130.0	-	8.955584
14	3	98.7	6	1259.0	1232.0	9.339217
15	1	96.6	8	-	-	10.511976
16	3	68.5	13	1871.0	1021.0	10.906855
17	2	83.4	17	1639.0	-	11.949663

Table 74 - 40MHz BW (FCC) Long Sequence Waveform Trial#25 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	61.0	10	1227.0	-	0.953914
2	1	71.0	20	-	-	1.634061
3	2	89.8	16	1585.0	-	2.513278
4	2	99.5	9	1568.0	-	3.980289
5	3	58.5	16	1562.0	1608.0	5.716965
6	2	99.9	10	1338.0	-	6.762948
7	2	68.8	14	1410.0	-	8.269306
8	3	60.1	16	1086.0	1232.0	9.395252
9	1	59.7	16	-	-	10.105005
10	2	80.8	12	1440.0	-	11.704673

Table 75 - 40MHz BW (FCC) Long Sequence Waveform Trial#26 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	93.2	6	1229.0	-	0.499225
2	1	93.5	9	-	-	0.958339
3	3	83.3	14	1606.0	1858.0	1.872890
4	1	50.5	16	-	-	2.322811
5	2	81.5	10	1935.0	-	2.977207
6	2	96.4	6	1326.0	-	3.719396
7	2	68.3	17	1677.0	-	4.210649
8	2	78.3	18	1671.0	-	4.835693
9	2	66.8	17	1613.0	-	5.652154
10	1	77.3	15	-	-	6.639189
11	3	58.1	11	1154.0	1466.0	6.839312
12	2	86.9	10	1955.0	-	7.637851
13	2	74.7	10	1932.0	-	8.143887
14	2	50.9	13	1434.0	-	8.854153
15	2	71.6	14	1332.0	-	9.617897
16	1	59.9	18	-	-	10.602973
17	2	68.8	6	1970.0	-	11.102473
18	1	64.9	7	-	-	11.994374

Table 76 - 40MHz BW (FCC) Long Sequence Waveform Trial#27 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	80.7	15	1787.0	-	0.834492
2	2	74.9	11	1363.0	-	2.083061
3	2	94.0	14	1074.0	-	2.966133
4	3	65.0	15	1879.0	1956.0	4.273653
5	2	82.1	11	1565.0	-	5.209491
6	3	53.6	18	1681.0	1248.0	6.234728
7	1	84.2	16	-	-	7.175663
8	2	83.5	7	1667.0	-	7.811108
9	2	52.7	17	1707.0	-	9.069603
10	3	97.5	18	1394.0	1402.0	9.876378
11	2	63.6	9	1765.0	-	11.108623

Table 77 - 40MHz BW (FCC) Long Sequence Waveform Trial#28 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	87.9	15	-	-	0.016789
2	1	83.6	6	-	-	1.326645
3	2	93.9	18	1277.0	-	2.180103
4	1	94.8	11	-	-	3.120608
5	1	50.2	8	-	-	4.335275
6	2	82.5	5	1088.0	-	5.410416
7	2	69.5	12	1037.0	-	6.361715
8	1	57.6	17	-	-	7.253916
9	3	55.5	9	1037.0	1120.0	8.875172
10	3	64.6	19	1888.0	1395.0	9.147022
11	3	88.4	18	1791.0	1422.0	10.244393
12	1	64.5	12	-	-	11.916492

Table 78 - 40MHz BW (FCC) Long Sequence Waveform Trial#29 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	52.8	14	1229.0	1027.0	0.520958
2	3	71.2	12	1116.0	1959.0	1.147745
3	2	90.9	13	1289.0	-	1.820606
4	1	65.5	18	-	-	2.983761
5	1	85.1	18	-	-	3.342773
6	3	84.8	19	1640.0	1766.0	4.065017
7	1	99.5	11	-	-	4.912639
8	1	72.9	8	-	-	5.834171
9	2	81.4	10	1880.0	-	6.514225
10	3	91.1	8	1481.0	1490.0	7.216801
11	3	71.4	14	1030.0	1728.0	8.152278
12	1	63.3	6	-	-	8.949960
13	2	54.8	17	1711.0	-	10.212172
14	2	99.1	13	1740.0	-	10.978221
15	1	66.8	7	-	-	11.882400

Table 79 - 40MHz BW (FCC) Long Sequence Waveform Trial#30 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	3	62.9	17	1535.0	1164.0	1.162992
2	3	52.2	6	1923.0	1372.0	1.526671
3	2	80.0	13	1916.0	-	2.907952
4	2	99.2	14	1676.0	-	4.147749
5	2	97.7	18	1300.0	-	6.221589
6	2	64.6	12	1104.0	-	7.221063
7	2	85.9	12	1545.0	-	8.419510
8	2	90.2	10	1638.0	-	10.557012
9	1	79.0	5	-	-	11.167972

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
1	9	1.0	333.0	Yes	5288.0MHz, -64.0dBm	Hop sequence: 5315, 5447, 5268, 5267, 5288, 5280, 5302, 5400, 5417, 5317, 5408, 5460, 5337, 5341, 5425, 5388, 5401, 5252, 5407, 5332, 5380, 5329, 5452, 5424, 5301, 5307, 5294, 5320, 5464, 5324, 5314, 5370, 5397, 5434, 5316, 5412, 5292, 5334, 5327, 5396, 5340, 5259, 5414, 5469, 5419, 5343, 5312, 5274, 5432, 5348, 5291, 5439, 5261, 5384, 5253, 5395, 5377, 5465, 5300, 5444, 5308, 5437, 5423, 5251, 5445, 5255, 5262, 5364, 5260, 5390, 5347, 5321, 5361, 5393, 5303, 5410, 5438, 5394, 5346, 5353, 5279, 5322, 5428, 5409, 5257, 5462, 5446, 5455, 5254, 5399, 5298, 5336, 5299, 5286, 5387, 5358, 5427, 5470, 5362, 5375 (17 hits) (02/06/2009 11:33:15 AM)
2	9	1.0	333.0	Yes	5250.0MHz, -64.0dBm	Hop sequence: 5371, 5302, 5471, 5278, 5270, 5372, 5257, 5429, 5310, 5288, 5335, 5311, 5356, 5328, 5286, 5301, 5467, 5325, 5339, 5411, 5389, 5337, 5308, 5413, 5458, 5451, 5322, 5469, 5369, 5330, 5430, 5334, 5329, 5380, 5250, 5359, 5364, 5340, 5462, 5456, 5425, 5438, 5272, 5408, 5287, 5324, 5276, 5441, 5447, 5253, 5373, 5277, 5350, 5323, 5374, 5392, 5327, 5452, 5343, 5453, 5261, 5307, 5414, 5258, 5255, 5273, 5263, 5282, 5424, 5407, 5470, 5352, 5412, 5353, 5416, 5344, 5386, 5285, 5293, 5437, 5399, 5269, 5370, 5465, 5426, 5394, 5463, 5428, 5459, 5333, 5274, 5396, 5446, 5378, 5454, 5381, 5294, 5448, 5320, 5363 (20 hits) (02/06/2009 11:38:17 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
3	9	1.0	333.0	Yes	5251.0MHz, -64.0dBm	Hop sequence: 5462, 5346, 5445, 5324, 5300, 5378, 5453, 5352, 5332, 5402, 5406, 5305, 5431, 5330, 5328, 5397, 5457, 5338, 5261, 5461, 5441, 5329, 5426, 5281, 5293, 5253, 5260, 5290, 5437, 5374, 5414, 5251, 5436, 5450, 5469, 5301, 5417, 5381, 5362, 5304, 5387, 5452, 5269, 5446, 5308, 5270, 5284, 5265, 5423, 5404, 5271, 5401, 5416, 5303, 5413, 5356, 5419, 5435, 5279, 5395, 5424, 5341, 5268, 5254, 5458, 5296, 5471, 5295, 5277, 5407, 5294, 5398, 5267, 5357, 5288, 5320, 5278, 5367, 5438, 5276, 5316, 5263, 5327, 5344, 5355, 5375, 5361, 5386, 5440, 5285, 5275, 5372, 5273, 5257, 5467, 5389, 5354, 5377, 5429, 5376 (23 hits) (02/06/2009 11:38:27 AM)
4	9	1.0	333.0	Yes	5252.0MHz, -64.0dBm	Hop sequence: 5402, 5317, 5255, 5278, 5275, 5416, 5256, 5307, 5355, 5302, 5460, 5385, 5272, 5372, 5411, 5280, 5415, 5347, 5381, 5251, 5467, 5262, 5306, 5418, 5456, 5448, 5435, 5344, 5390, 5351, 5267, 5289, 5314, 5339, 5463, 5379, 5298, 5464, 5378, 5442, 5326, 5427, 5428, 5311, 5429, 5291, 5363, 5283, 5277, 5433, 5327, 5325, 5261, 5259, 5375, 5458, 5271, 5322, 5353, 5400, 5260, 5455, 5421, 5431, 5469, 5443, 5366, 5253, 5401, 5426, 5367, 5454, 5336, 5417, 5408, 5334, 5321, 5396, 5281, 5333, 5397, 5430, 5412, 5357, 5368, 5266, 5303, 5404, 5296, 5398, 5354, 5318, 5444, 5447, 5461, 5254, 5269, 5457, 5323, 5268 (21 hits) (02/06/2009 11:38:36 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
5	9	1.0	333.0	Yes	5253.0MHz, -64.0dBm	Hop sequence: 5321, 5415, 5333, 5365, 5289, 5346, 5343, 5393, 5438, 5327, 5337, 5462, 5401, 5259, 5435, 5294, 5352, 5310, 5360, 5347, 5315, 5357, 5403, 5258, 5372, 5430, 5338, 5368, 5254, 5427, 5324, 5457, 5317, 5353, 5339, 5374, 5342, 5400, 5344, 5445, 5417, 5320, 5303, 5288, 5326, 5451, 5341, 5469, 5323, 5270, 5447, 5363, 5459, 5442, 5276, 5329, 5423, 5292, 5275, 5265, 5404, 5267, 5280, 5295, 5439, 5426, 5389, 5458, 5271, 5371, 5257, 5269, 5454, 5387, 5307, 5470, 5437, 5348, 5364, 5272, 5408, 5402, 5335, 5380, 5312, 5443, 5308, 5432, 5277, 5299, 5411, 5316, 5450, 5433, 5309, 5314, 5396, 5434, 5367, 5361 (15 hits) (02/06/2009 11:38:45 AM)
6	9	1.0	333.0	Yes	5254.0MHz, -64.0dBm	Hop sequence: 5392, 5336, 5413, 5274, 5273, 5343, 5375, 5252, 5305, 5395, 5390, 5411, 5334, 5262, 5250, 5406, 5291, 5465, 5341, 5326, 5451, 5340, 5279, 5445, 5432, 5458, 5407, 5302, 5468, 5394, 5354, 5286, 5335, 5433, 5377, 5351, 5463, 5418, 5275, 5278, 5449, 5258, 5462, 5299, 5363, 5421, 5384, 5368, 5381, 5276, 5322, 5466, 5355, 5412, 5443, 5382, 5415, 5369, 5328, 5307, 5434, 5284, 5423, 5454, 5397, 5289, 5378, 5313, 5439, 5306, 5438, 5444, 5424, 5319, 5459, 5387, 5367, 5280, 5402, 5391, 5261, 5259, 5337, 5401, 5348, 5403, 5282, 5323, 5345, 5293, 5251, 5374, 5295, 5260, 5379, 5267, 5461, 5327, 5344, 5428 (19 hits) (02/06/2009 11:38:53 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
7	9	1.0	333.0	Yes	5255.0MHz, -64.0dBm	Hop sequence: 5331, 5323, 5367, 5301, 5307, 5430, 5471, 5389, 5300, 5427, 5425, 5355, 5436, 5446, 5466, 5261, 5341, 5394, 5312, 5401, 5333, 5308, 5375, 5324, 5399, 5315, 5278, 5409, 5266, 5439, 5343, 5340, 5254, 5345, 5443, 5460, 5418, 5411, 5429, 5462, 5353, 5424, 5273, 5314, 5456, 5263, 5392, 5442, 5398, 5374, 5285, 5438, 5335, 5313, 5296, 5253, 5272, 5329, 5344, 5404, 5302, 5293, 5410, 5361, 5305, 5400, 5299, 5316, 5265, 5454, 5408, 5453, 5379, 5274, 5420, 5444, 5449, 5458, 5467, 5386, 5365, 5290, 5352, 5310, 5372, 5405, 5338, 5339, 5328, 5359, 5465, 5402, 5279, 5287, 5354, 5255, 5268, 5450, 5364, 5326 (15 hits) (02/06/2009 11:39:06 AM)
8	9	1.0	333.0	Yes	5256.0MHz, -64.0dBm	Hop sequence: 5259, 5394, 5300, 5336, 5397, 5413, 5304, 5354, 5287, 5400, 5407, 5373, 5421, 5360, 5258, 5448, 5434, 5303, 5430, 5356, 5450, 5435, 5403, 5319, 5282, 5440, 5342, 5286, 5337, 5255, 5353, 5362, 5313, 5372, 5420, 5369, 5339, 5456, 5423, 5314, 5389, 5254, 5268, 5429, 5366, 5265, 5272, 5275, 5305, 5464, 5347, 5323, 5441, 5463, 5466, 5320, 5273, 5332, 5351, 5445, 5384, 5422, 5349, 5392, 5391, 5307, 5371, 5348, 5308, 5468, 5288, 5321, 5368, 5329, 5412, 5370, 5271, 5358, 5311, 5343, 5438, 5415, 5411, 5361, 5261, 5264, 5367, 5467, 5295, 5262, 5322, 5404, 5395, 5449, 5306, 5375, 5276, 5333, 5443, 5402 (18 hits) (02/06/2009 11:39:19 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
9	9	1.0	333.0	Yes	5257.0MHz, -64.0dBm	Hop sequence: 5261, 5282, 5468, 5432, 5363, 5409, 5400, 5390, 5410, 5287, 5460, 5429, 5427, 5447, 5286, 5356, 5255, 5412, 5339, 5395, 5316, 5274, 5440, 5357, 5444, 5270, 5372, 5250, 5305, 5445, 5442, 5457, 5389, 5470, 5401, 5345, 5309, 5378, 5301, 5265, 5451, 5335, 5420, 5354, 5449, 5405, 5291, 5377, 5323, 5311, 5275, 5317, 5264, 5454, 5458, 5337, 5461, 5281, 5396, 5416, 5380, 5293, 5366, 5382, 5267, 5342, 5327, 5375, 5338, 5467, 5430, 5318, 5455, 5352, 5304, 5336, 5361, 5365, 5272, 5371, 5443, 5253, 5256, 5425, 5355, 5450, 5456, 5421, 5397, 5302, 5379, 5271, 5353, 5258, 5453, 5306, 5374, 5340, 5417, 5273 (19 hits) (02/06/2009 11:39:53 AM)
10	9	1.0	333.0	Yes	5258.0MHz, -64.0dBm	Hop sequence: 5283, 5271, 5391, 5458, 5323, 5429, 5432, 5372, 5366, 5455, 5342, 5254, 5281, 5375, 5463, 5304, 5413, 5299, 5407, 5397, 5448, 5459, 5468, 5426, 5290, 5318, 5400, 5393, 5273, 5405, 5361, 5279, 5470, 5297, 5340, 5464, 5320, 5417, 5339, 5460, 5457, 5294, 5322, 5287, 5431, 5303, 5403, 5399, 5392, 5462, 5262, 5360, 5439, 5326, 5430, 5435, 5282, 5381, 5409, 5274, 5285, 5359, 5362, 5328, 5419, 5338, 5402, 5425, 5350, 5406, 5269, 5337, 5386, 5365, 5446, 5441, 5437, 5325, 5291, 5396, 5358, 5289, 5305, 5461, 5347, 5266, 5278, 5438, 5332, 5272, 5317, 5256, 5367, 5257, 5452, 5252, 5316, 5280, 5277, 5333 (20 hits) (02/06/2009 11:40:22 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
11	9	1.0	333.0	Yes	5259.0MHz, -64.0dBm	Hop sequence: 5322, 5386, 5350, 5319, 5365, 5378, 5339, 5415, 5273, 5293, 5419, 5358, 5324, 5297, 5451, 5331, 5343, 5449, 5323, 5257, 5300, 5286, 5328, 5264, 5344, 5332, 5351, 5455, 5307, 5417, 5353, 5345, 5371, 5406, 5440, 5301, 5434, 5276, 5315, 5370, 5454, 5269, 5302, 5274, 5364, 5308, 5320, 5326, 5272, 5304, 5426, 5347, 5289, 5253, 5313, 5310, 5462, 5357, 5458, 5456, 5470, 5372, 5435, 5352, 5412, 5296, 5375, 5424, 5427, 5321, 5303, 5346, 5349, 5311, 5337, 5414, 5256, 5418, 5261, 5453, 5389, 5348, 5463, 5423, 5373, 5409, 5429, 5340, 5443, 5385, 5254, 5361, 5318, 5252, 5287, 5380, 5291, 5281, 5336, 5446 (15 hits) (02/06/2009 11:40:36 AM)
12	9	1.0	333.0	Yes	5260.0MHz, -64.0dBm	Hop sequence: 5441, 5376, 5428, 5297, 5291, 5272, 5258, 5415, 5384, 5410, 5364, 5294, 5398, 5303, 5352, 5378, 5314, 5388, 5423, 5379, 5273, 5461, 5426, 5341, 5359, 5262, 5324, 5329, 5270, 5307, 5317, 5290, 5276, 5349, 5264, 5368, 5320, 5412, 5335, 5463, 5298, 5286, 5354, 5337, 5430, 5346, 5394, 5350, 5363, 5343, 5468, 5275, 5418, 5373, 5386, 5414, 5446, 5308, 5452, 5292, 5277, 5281, 5465, 5447, 5266, 5315, 5300, 5381, 5413, 5333, 5392, 5309, 5261, 5260, 5256, 5345, 5322, 5253, 5375, 5424, 5419, 5464, 5316, 5431, 5400, 5251, 5391, 5372, 5437, 5278, 5331, 5421, 5311, 5296, 5338, 5357, 5449, 5279, 5334, 5427 (19 hits) (02/06/2009 11:40:51 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
13	9	1.0	333.0	Yes	5261.0MHz, -64.0dBm	Hop sequence: 5304, 5319, 5423, 5270, 5331, 5336, 5268, 5399, 5272, 5434, 5315, 5382, 5456, 5384, 5293, 5433, 5337, 5282, 5414, 5407, 5453, 5417, 5446, 5371, 5381, 5450, 5415, 5380, 5437, 5254, 5300, 5449, 5283, 5302, 5295, 5392, 5326, 5322, 5277, 5350, 5299, 5435, 5408, 5431, 5361, 5309, 5341, 5420, 5368, 5321, 5436, 5279, 5323, 5426, 5253, 5255, 5377, 5386, 5369, 5463, 5461, 5438, 5251, 5267, 5275, 5413, 5318, 5455, 5457, 5452, 5327, 5359, 5317, 5406, 5356, 5447, 5441, 5260, 5307, 5353, 5389, 5374, 5355, 5305, 5451, 5469, 5458, 5444, 5418, 5328, 5357, 5261, 5383, 5301, 5375, 5445, 5313, 5396, 5351, 5342 (15 hits) (02/06/2009 11:41:22 AM)
14	9	1.0	333.0	Yes	5262.0MHz, -64.0dBm	Hop sequence: 5444, 5407, 5345, 5318, 5425, 5416, 5424, 5451, 5269, 5308, 5348, 5259, 5361, 5463, 5253, 5411, 5261, 5390, 5306, 5339, 5434, 5405, 5469, 5288, 5377, 5406, 5353, 5340, 5295, 5300, 5280, 5329, 5278, 5266, 5420, 5332, 5415, 5359, 5360, 5272, 5453, 5319, 5398, 5256, 5382, 5408, 5470, 5454, 5302, 5381, 5401, 5336, 5373, 5289, 5323, 5376, 5307, 5455, 5270, 5273, 5399, 5312, 5346, 5419, 5296, 5370, 5394, 5294, 5422, 5460, 5368, 5367, 5324, 5452, 5462, 5299, 5396, 5316, 5458, 5445, 5449, 5388, 5441, 5255, 5392, 5397, 5267, 5362, 5412, 5313, 5363, 5335, 5290, 5417, 5461, 5447, 5347, 5326, 5387, 5456 (14 hits) (02/06/2009 11:41:40 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
15	9	1.0	333.0	Yes	5263.0MHz, -64.0dBm	Hop sequence: 5347, 5436, 5400, 5326, 5318, 5437, 5399, 5252, 5422, 5308, 5417, 5419, 5428, 5259, 5336, 5407, 5427, 5369, 5382, 5406, 5459, 5466, 5251, 5420, 5469, 5349, 5371, 5405, 5342, 5352, 5282, 5461, 5404, 5265, 5334, 5391, 5456, 5450, 5451, 5363, 5460, 5373, 5302, 5396, 5395, 5306, 5266, 5256, 5462, 5298, 5386, 5410, 5454, 5418, 5375, 5345, 5341, 5435, 5398, 5467, 5310, 5423, 5250, 5458, 5275, 5299, 5387, 5333, 5293, 5415, 5317, 5327, 5321, 5358, 5388, 5255, 5402, 5421, 5322, 5273, 5300, 5332, 5377, 5353, 5304, 5314, 5315, 5455, 5274, 5413, 5448, 5355, 5297, 5452, 5286, 5269, 5343, 5354, 5296, 5279 (15 hits) (02/06/2009 11:41:56 AM)
16	9	1.0	333.0	Yes	5264.0MHz, -64.0dBm	Hop sequence: 5382, 5427, 5262, 5363, 5365, 5312, 5369, 5251, 5406, 5292, 5381, 5371, 5329, 5453, 5457, 5323, 5256, 5275, 5258, 5444, 5385, 5298, 5348, 5320, 5282, 5387, 5376, 5463, 5344, 5451, 5347, 5309, 5291, 5454, 5422, 5341, 5465, 5401, 5386, 5390, 5408, 5368, 5264, 5425, 5442, 5266, 5361, 5424, 5337, 5318, 5432, 5293, 5356, 5317, 5268, 5372, 5362, 5285, 5436, 5353, 5316, 5459, 5412, 5305, 5414, 5438, 5374, 5393, 5441, 5314, 5440, 5343, 5456, 5307, 5290, 5334, 5355, 5467, 5469, 5417, 5448, 5333, 5391, 5423, 5302, 5319, 5383, 5255, 5458, 5447, 5278, 5310, 5405, 5280, 5332, 5449, 5287, 5250, 5464, 5418 (15 hits) (02/06/2009 11:42:09 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
17	9	1.0	333.0	Yes	5265.0MHz, -64.0dBm	Hop sequence: 5394, 5317, 5273, 5445, 5336, 5277, 5297, 5331, 5289, 5283, 5425, 5447, 5357, 5306, 5319, 5348, 5263, 5278, 5376, 5343, 5345, 5299, 5314, 5313, 5355, 5395, 5440, 5329, 5338, 5466, 5268, 5359, 5470, 5315, 5362, 5358, 5335, 5377, 5431, 5424, 5420, 5369, 5333, 5326, 5347, 5397, 5308, 5309, 5454, 5434, 5252, 5284, 5279, 5442, 5328, 5460, 5418, 5262, 5430, 5388, 5437, 5316, 5354, 5450, 5462, 5435, 5351, 5356, 5269, 5392, 5272, 5405, 5318, 5407, 5370, 5379, 5441, 5298, 5403, 5288, 5463, 5285, 5444, 5366, 5408, 5310, 5325, 5438, 5396, 5404, 5286, 5322, 5364, 5324, 5372, 5280, 5412, 5433, 5414, 5378 (16 hits) (02/06/2009 11:42:24 AM)
18	9	1.0	333.0	Yes	5266.0MHz, -64.0dBm	Hop sequence: 5398, 5289, 5323, 5293, 5367, 5361, 5465, 5319, 5468, 5252, 5423, 5374, 5334, 5356, 5450, 5424, 5284, 5273, 5350, 5294, 5462, 5392, 5368, 5460, 5404, 5270, 5259, 5464, 5358, 5287, 5389, 5257, 5414, 5332, 5340, 5386, 5400, 5431, 5281, 5385, 5441, 5403, 5421, 5443, 5315, 5314, 5272, 5391, 5425, 5402, 5297, 5370, 5399, 5406, 5388, 5329, 5378, 5452, 5455, 5313, 5430, 5304, 5427, 5280, 5264, 5261, 5262, 5445, 5439, 5286, 5369, 5366, 5376, 5432, 5359, 5330, 5349, 5295, 5436, 5411, 5312, 5454, 5322, 5317, 5337, 5416, 5308, 5324, 5301, 5426, 5320, 5372, 5288, 5302, 5420, 5256, 5377, 5348, 5382, 5354 (16 hits) (02/06/2009 11:42:38 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
19	9	1.0	333.0	Yes	5267.0MHz, -64.0dBm	Hop sequence: 5331, 5255, 5471, 5452, 5382, 5261, 5290, 5351, 5398, 5263, 5415, 5285, 5394, 5305, 5427, 5334, 5450, 5455, 5436, 5447, 5393, 5293, 5443, 5465, 5295, 5357, 5376, 5418, 5266, 5335, 5374, 5339, 5303, 5458, 5354, 5444, 5289, 5254, 5344, 5417, 5265, 5370, 5355, 5404, 5439, 5275, 5434, 5363, 5372, 5283, 5466, 5311, 5419, 5470, 5316, 5383, 5304, 5400, 5445, 5349, 5386, 5464, 5296, 5420, 5381, 5291, 5366, 5307, 5341, 5353, 5286, 5262, 5336, 5256, 5345, 5421, 5320, 5441, 5461, 5287, 5392, 5343, 5300, 5272, 5317, 5330, 5406, 5462, 5391, 5395, 5456, 5294, 5328, 5425, 5350, 5333, 5299, 5309, 5342, 5258 (15 hits) (02/06/2009 11:42:56 AM)
20	9	1.0	333.0	Yes	5268.0MHz, -64.0dBm	Hop sequence: 5437, 5421, 5348, 5470, 5266, 5430, 5254, 5302, 5308, 5376, 5296, 5384, 5393, 5271, 5433, 5313, 5270, 5311, 5367, 5312, 5260, 5288, 5413, 5264, 5411, 5462, 5378, 5256, 5410, 5404, 5285, 5401, 5278, 5382, 5335, 5298, 5429, 5416, 5439, 5286, 5258, 5268, 5424, 5380, 5347, 5387, 5395, 5320, 5337, 5331, 5336, 5391, 5292, 5328, 5357, 5438, 5251, 5276, 5456, 5394, 5426, 5340, 5363, 5408, 5444, 5450, 5402, 5291, 5390, 5454, 5388, 5452, 5349, 5281, 5280, 5300, 5448, 5253, 5358, 5375, 5269, 5364, 5289, 5350, 5356, 5362, 5385, 5463, 5370, 5321, 5303, 5457, 5441, 5446, 5465, 5440, 5294, 5447, 5329, 5265 (20 hits) (02/06/2009 11:43:14 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
21	9	1.0	333.0	Yes	5269.0MHz, -64.0dBm	Hop sequence: 5254, 5360, 5283, 5406, 5300, 5420, 5260, 5387, 5303, 5443, 5390, 5321, 5374, 5304, 5407, 5325, 5263, 5327, 5346, 5342, 5411, 5294, 5439, 5268, 5458, 5316, 5465, 5366, 5280, 5295, 5452, 5314, 5281, 5410, 5343, 5289, 5310, 5376, 5293, 5429, 5372, 5318, 5350, 5393, 5426, 5398, 5290, 5375, 5338, 5291, 5404, 5277, 5386, 5275, 5431, 5331, 5320, 5441, 5413, 5298, 5358, 5326, 5459, 5311, 5423, 5364, 5323, 5440, 5437, 5337, 5408, 5444, 5309, 5274, 5403, 5302, 5328, 5397, 5395, 5451, 5301, 5285, 5401, 5351, 5377, 5438, 5273, 5333, 5470, 5435, 5284, 5419, 5379, 5296, 5433, 5265, 5468, 5340, 5335, 5306 (14 hits) (02/06/2009 11:43:23 AM)
22	9	1.0	333.0	Yes	5270.0MHz, -64.0dBm	Hop sequence: 5396, 5404, 5326, 5439, 5338, 5398, 5469, 5287, 5450, 5360, 5427, 5354, 5291, 5464, 5391, 5368, 5403, 5336, 5384, 5379, 5465, 5389, 5426, 5383, 5293, 5405, 5301, 5344, 5361, 5358, 5309, 5339, 5284, 5454, 5470, 5401, 5415, 5345, 5322, 5264, 5253, 5455, 5407, 5352, 5353, 5445, 5413, 5436, 5325, 5382, 5362, 5335, 5270, 5330, 5298, 5283, 5290, 5334, 5430, 5438, 5397, 5463, 5425, 5457, 5393, 5250, 5441, 5375, 5458, 5319, 5275, 5279, 5328, 5256, 5313, 5366, 5342, 5265, 5453, 5365, 5343, 5462, 5321, 5460, 5318, 5323, 5331, 5252, 5364, 5292, 5357, 5440, 5448, 5461, 5381, 5280, 5258, 5297, 5418, 5329 (14 hits) (02/06/2009 11:43:37 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
23	9	1.0	333.0	Yes	5271.0MHz, -64.0dBm	Hop sequence: 5356, 5436, 5312, 5390, 5296, 5365, 5405, 5368, 5299, 5431, 5419, 5307, 5291, 5364, 5456, 5404, 5418, 5336, 5381, 5391, 5362, 5425, 5465, 5445, 5462, 5351, 5382, 5321, 5400, 5453, 5260, 5461, 5289, 5401, 5399, 5376, 5359, 5451, 5319, 5332, 5396, 5276, 5335, 5469, 5343, 5426, 5333, 5290, 5287, 5255, 5371, 5267, 5435, 5331, 5349, 5458, 5429, 5450, 5367, 5311, 5345, 5414, 5306, 5334, 5386, 5263, 5329, 5339, 5294, 5251, 5357, 5295, 5441, 5338, 5253, 5354, 5403, 5283, 5434, 5377, 5408, 5443, 5323, 5468, 5442, 5420, 5416, 5369, 5392, 5459, 5281, 5410, 5309, 5280, 5460, 5387, 5432, 5406, 5328, 5388 (11 hits) (02/06/2009 11:43:53 AM)
24	9	1.0	333.0	Yes	5272.0MHz, -64.0dBm	Hop sequence: 5390, 5397, 5285, 5450, 5342, 5291, 5264, 5293, 5294, 5375, 5449, 5441, 5327, 5312, 5369, 5283, 5297, 5305, 5438, 5308, 5323, 5448, 5435, 5273, 5361, 5252, 5306, 5457, 5358, 5350, 5458, 5289, 5284, 5412, 5410, 5428, 5423, 5426, 5298, 5401, 5439, 5437, 5316, 5386, 5362, 5274, 5353, 5356, 5263, 5400, 5266, 5343, 5346, 5399, 5355, 5333, 5315, 5372, 5466, 5359, 5411, 5419, 5388, 5454, 5402, 5288, 5265, 5271, 5258, 5427, 5341, 5459, 5257, 5431, 5301, 5332, 5254, 5302, 5398, 5440, 5455, 5304, 5418, 5313, 5336, 5392, 5406, 5309, 5467, 5396, 5389, 5319, 5446, 5409, 5445, 5251, 5370, 5335, 5318, 5365 (16 hits) (02/06/2009 11:44:08 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
25	9	1.0	333.0	Yes	5273.0MHz, -64.0dBm	Hop sequence: 5413, 5321, 5305, 5437, 5326, 5381, 5408, 5313, 5256, 5370, 5355, 5288, 5298, 5383, 5278, 5379, 5252, 5334, 5425, 5309, 5363, 5451, 5438, 5466, 5433, 5299, 5350, 5293, 5259, 5308, 5311, 5318, 5399, 5315, 5418, 5468, 5268, 5454, 5361, 5365, 5300, 5333, 5343, 5403, 5352, 5464, 5371, 5419, 5357, 5358, 5263, 5377, 5471, 5369, 5443, 5427, 5351, 5281, 5410, 5460, 5284, 5368, 5465, 5436, 5421, 5266, 5332, 5287, 5285, 5250, 5415, 5407, 5347, 5277, 5388, 5312, 5416, 5292, 5339, 5444, 5393, 5264, 5342, 5261, 5320, 5397, 5440, 5375, 5424, 5414, 5276, 5392, 5382, 5467, 5338, 5329, 5385, 5423, 5271, 5391 (18 hits) (02/06/2009 11:44:19 AM)
26	9	1.0	333.0	Yes	5274.0MHz, -64.0dBm	Hop sequence: 5328, 5343, 5387, 5339, 5437, 5455, 5466, 5353, 5356, 5338, 5314, 5256, 5461, 5337, 5279, 5469, 5284, 5441, 5287, 5401, 5448, 5432, 5276, 5271, 5320, 5325, 5398, 5418, 5392, 5467, 5274, 5327, 5430, 5444, 5408, 5389, 5425, 5253, 5259, 5265, 5422, 5260, 5251, 5416, 5348, 5433, 5269, 5438, 5412, 5336, 5402, 5257, 5261, 5357, 5368, 5366, 5470, 5285, 5419, 5318, 5297, 5379, 5303, 5440, 5446, 5286, 5268, 5264, 5267, 5321, 5424, 5447, 5298, 5397, 5415, 5414, 5358, 5396, 5403, 5426, 5341, 5304, 5465, 5288, 5359, 5306, 5362, 5450, 5427, 5361, 5456, 5443, 5323, 5300, 5293, 5395, 5405, 5317, 5404, 5378 (21 hits) (02/06/2009 11:44:34 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
27	9	1.0	333.0	Yes	5275.0MHz, -64.0dBm	Hop sequence: 5400, 5284, 5406, 5252, 5392, 5313, 5299, 5398, 5327, 5256, 5268, 5349, 5291, 5387, 5316, 5391, 5332, 5278, 5461, 5344, 5258, 5301, 5456, 5417, 5342, 5421, 5367, 5364, 5285, 5356, 5271, 5468, 5279, 5336, 5396, 5350, 5318, 5260, 5397, 5337, 5408, 5251, 5395, 5452, 5435, 5470, 5458, 5250, 5314, 5323, 5437, 5305, 5330, 5287, 5257, 5459, 5282, 5346, 5288, 5440, 5357, 5300, 5388, 5292, 5429, 5263, 5453, 5439, 5317, 5412, 5438, 5306, 5418, 5267, 5409, 5259, 5312, 5420, 5377, 5361, 5426, 5405, 5401, 5465, 5376, 5363, 5462, 5304, 5358, 5273, 5416, 5329, 5269, 5445, 5319, 5379, 5428, 5324, 5370, 5422 (21 hits) (02/06/2009 11:44:44 AM)
28	9	1.0	333.0	Yes	5276.0MHz, -64.0dBm	Hop sequence: 5274, 5327, 5404, 5376, 5385, 5346, 5281, 5413, 5462, 5445, 5378, 5273, 5286, 5361, 5255, 5457, 5264, 5451, 5454, 5334, 5356, 5380, 5402, 5398, 5455, 5434, 5263, 5266, 5343, 5320, 5319, 5416, 5412, 5365, 5422, 5352, 5331, 5301, 5411, 5316, 5414, 5326, 5291, 5453, 5426, 5405, 5325, 5383, 5431, 5468, 5337, 5449, 5349, 5423, 5461, 5465, 5347, 5458, 5302, 5335, 5278, 5294, 5328, 5450, 5258, 5436, 5296, 5470, 5467, 5384, 5315, 5299, 5329, 5303, 5371, 5379, 5256, 5408, 5279, 5396, 5260, 5430, 5406, 5432, 5336, 5305, 5289, 5460, 5297, 5261, 5444, 5318, 5452, 5390, 5270, 5360, 5268, 5257, 5265, 5351 (18 hits) (02/06/2009 11:44:55 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
29	9	1.0	333.0	Yes	5277.0MHz, -64.0dBm	Hop sequence: 5413, 5376, 5356, 5387, 5260, 5443, 5442, 5410, 5316, 5315, 5353, 5319, 5259, 5264, 5352, 5282, 5261, 5258, 5270, 5430, 5339, 5424, 5252, 5396, 5423, 5358, 5303, 5431, 5273, 5372, 5265, 5375, 5379, 5344, 5366, 5449, 5307, 5320, 5364, 5445, 5309, 5274, 5280, 5355, 5457, 5446, 5470, 5428, 5345, 5382, 5415, 5350, 5253, 5327, 5267, 5284, 5329, 5317, 5452, 5460, 5314, 5277, 5311, 5275, 5399, 5338, 5367, 5331, 5308, 5462, 5422, 5365, 5359, 5266, 5390, 5469, 5271, 5374, 5377, 5371, 5381, 5326, 5418, 5409, 5370, 5295, 5298, 5290, 5416, 5433, 5408, 5361, 5395, 5254, 5434, 5467, 5363, 5360, 5257, 5459 (21 hits) (02/06/2009 11:45:08 AM)
30	9	1.0	333.0	Yes	5278.0MHz, -64.0dBm	Hop sequence: 5408, 5432, 5296, 5340, 5460, 5310, 5299, 5273, 5278, 5467, 5458, 5411, 5362, 5304, 5414, 5290, 5259, 5430, 5386, 5316, 5387, 5263, 5291, 5253, 5383, 5451, 5295, 5342, 5412, 5382, 5271, 5396, 5370, 5402, 5468, 5297, 5266, 5274, 5324, 5388, 5287, 5267, 5325, 5346, 5429, 5447, 5434, 5251, 5270, 5315, 5455, 5466, 5407, 5394, 5323, 5456, 5276, 5377, 5454, 5269, 5415, 5339, 5286, 5389, 5261, 5281, 5457, 5301, 5419, 5369, 5366, 5381, 5277, 5397, 5303, 5279, 5355, 5372, 5445, 5260, 5351, 5309, 5282, 5294, 5395, 5385, 5413, 5409, 5427, 5322, 5465, 5379, 5364, 5403, 5272, 5470, 5380, 5262, 5320, 5354 (23 hits) (02/06/2009 11:45:19 AM)

Table 80 - FCC frequency hopping radar (Type 6) Results 40MHz BW (FCC)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Hop seq.
31	9	1.0	333.0	Yes	5279.0MHz, -64.0dBm	Hop sequence: 5470, 5283, 5301, 5294, 5393, 5455, 5304, 5396, 5453, 5300, 5368, 5372, 5268, 5454, 5431, 5395, 5327, 5380, 5446, 5377, 5338, 5364, 5316, 5302, 5392, 5433, 5397, 5390, 5310, 5379, 5264, 5318, 5400, 5398, 5305, 5384, 5256, 5369, 5362, 5409, 5298, 5389, 5281, 5376, 5314, 5341, 5375, 5313, 5288, 5299, 5439, 5428, 5252, 5270, 5418, 5357, 5410, 5466, 5442, 5417, 5334, 5383, 5250, 5307, 5361, 5332, 5253, 5359, 5282, 5387, 5324, 5464, 5374, 5309, 5277, 5367, 5443, 5266, 5378, 5269, 5462, 5322, 5411, 5419, 5415, 5441, 5459, 5381, 5297, 5272, 5449, 5351, 5391, 5401, 5435, 5450, 5373, 5273, 5262, 5303 (17 hits) (02/06/2009 11:45:43 AM)
32	9	1.0	333.0	Yes	5280.0MHz, -64.0dBm	Hop sequence: 5342, 5421, 5298, 5471, 5413, 5425, 5419, 5338, 5290, 5393, 5307, 5282, 5433, 5455, 5279, 5420, 5297, 5383, 5369, 5426, 5464, 5381, 5303, 5378, 5358, 5286, 5266, 5272, 5292, 5274, 5273, 5435, 5302, 5326, 5288, 5449, 5293, 5451, 5251, 5294, 5429, 5405, 5263, 5423, 5305, 5316, 5310, 5414, 5267, 5391, 5306, 5332, 5315, 5373, 5468, 5258, 5365, 5386, 5299, 5300, 5387, 5370, 5330, 5260, 5346, 5444, 5355, 5396, 5454, 5434, 5400, 5448, 5287, 5447, 5440, 5317, 5441, 5363, 5461, 5399, 5312, 5443, 5364, 5382, 5308, 5380, 5319, 5262, 5329, 5328, 5428, 5255, 5377, 5268, 5265, 5442, 5357, 5284, 5321, 5385 (19 hits) (02/06/2009 11:45:57 AM)

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements

Table 81 - FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time [1]		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1	0.38 ms	60 ms	0.348 s	10 s	PASSED
Radar Type 5	0.0 ms	60 ms	0.0	10 s	PASSED

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

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

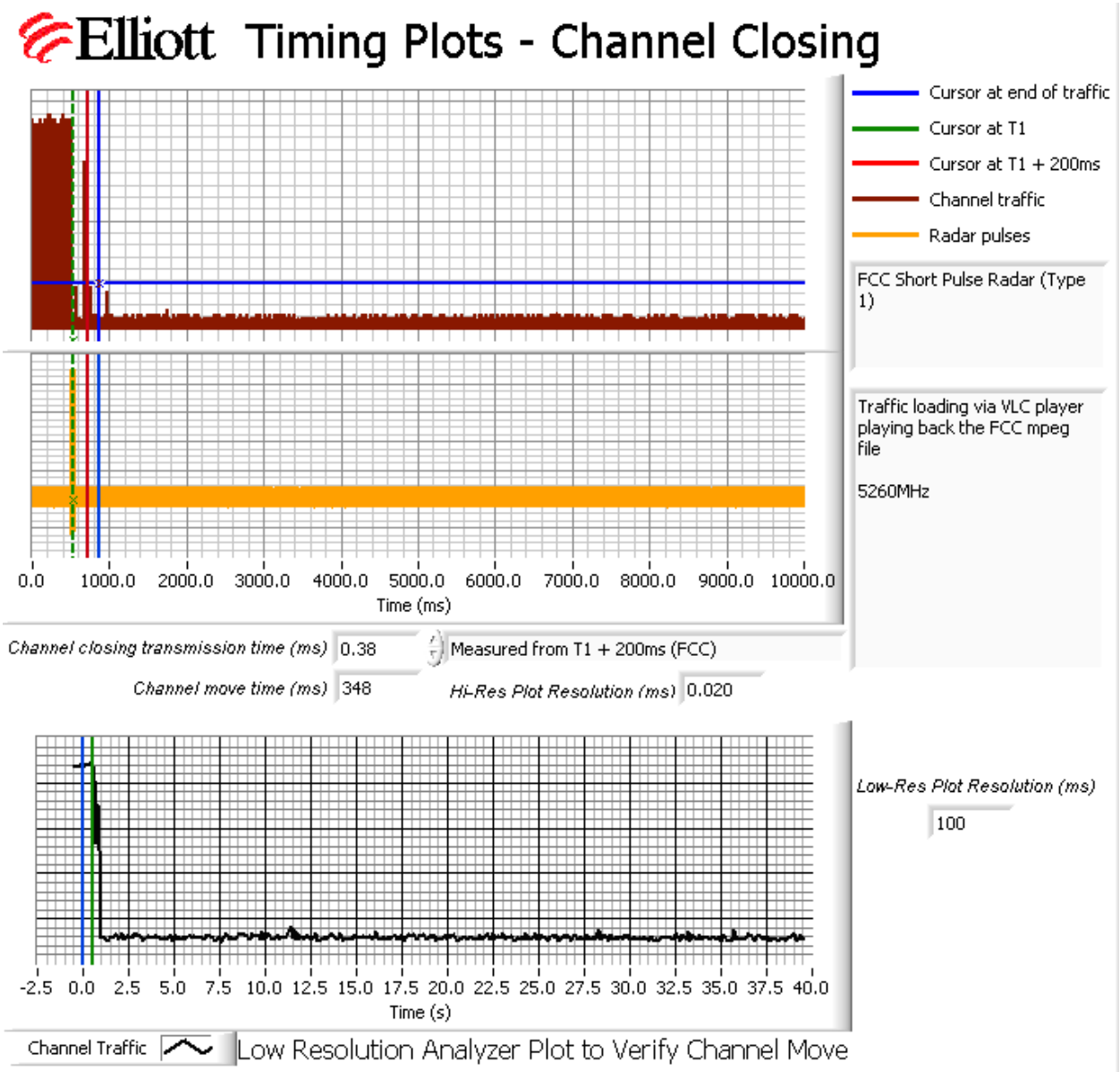

Figure 3 Channel Closing Time and Channel Move Time – 40 second plot, Type 1 Radar

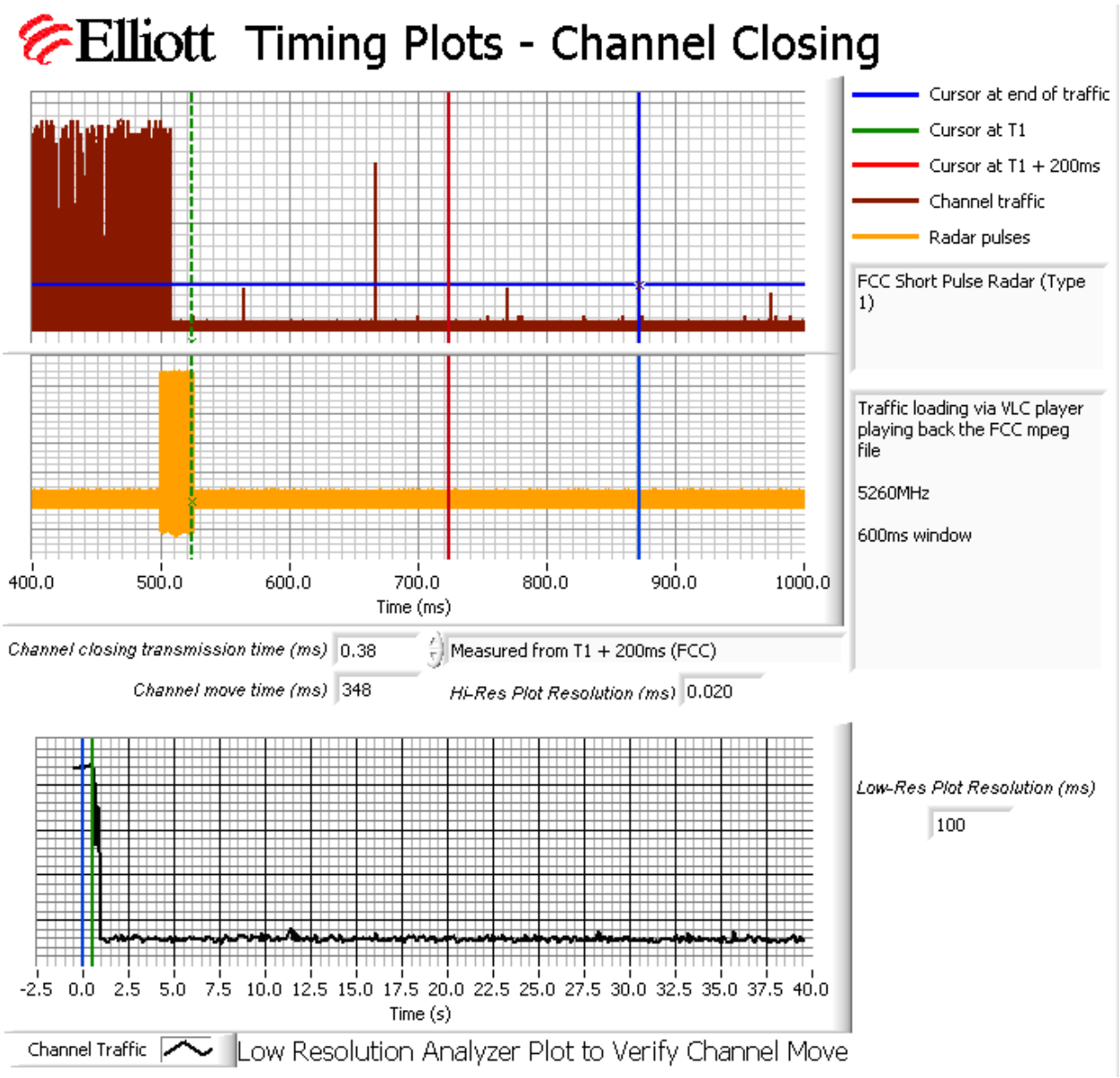

Figure 4 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Type 1 Radar

Note: The smaller pulses observed in plot above are from client device which was located farther from monitoring antenna than the EUT.

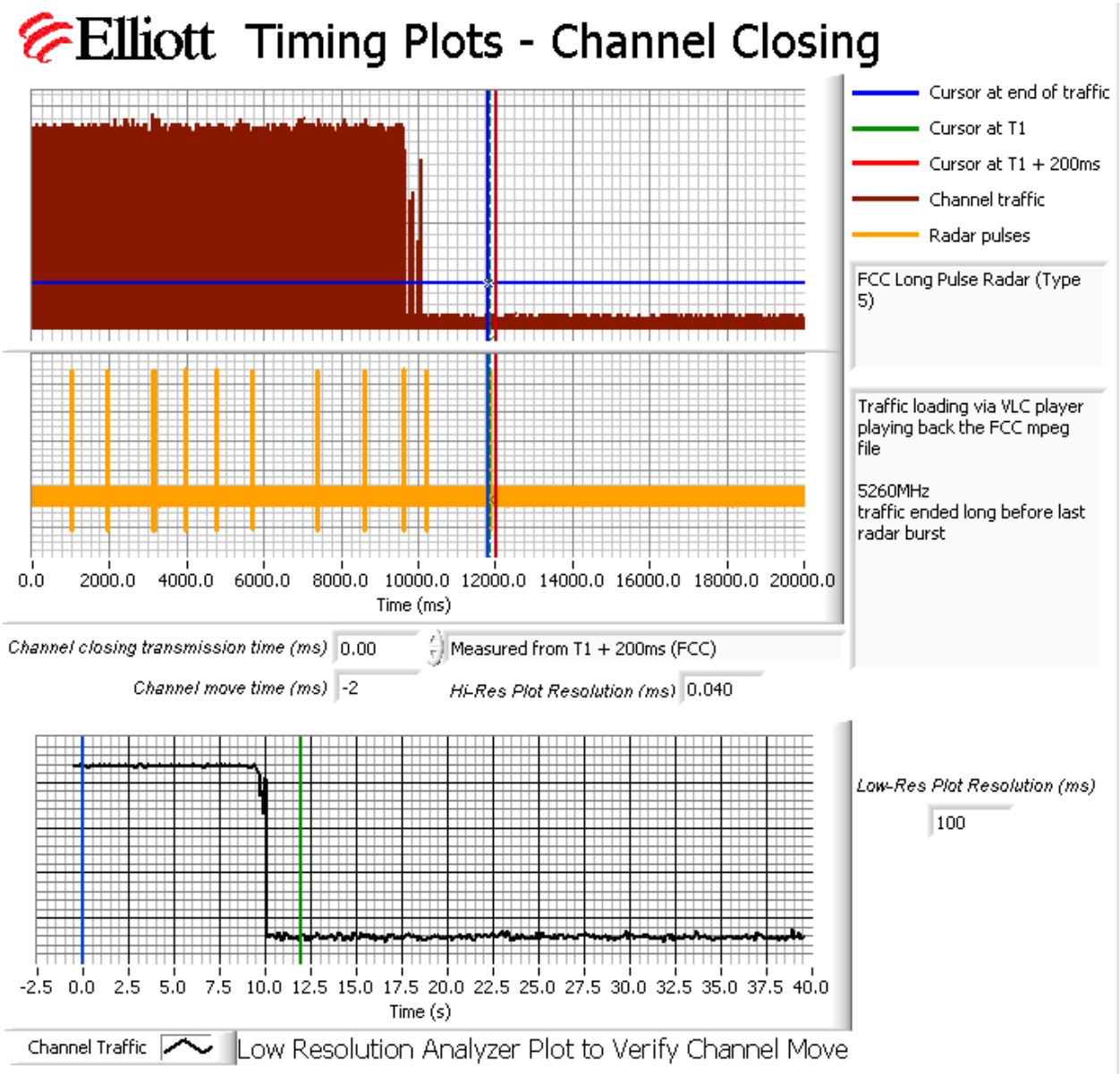

Figure 5 Channel Closing Time and Channel Move Time – 40 second plot, Long Pulse Radar

Note: EUT closed channel before end of radar pulses, no 600ms zoom window at end of radar pulses necessary.

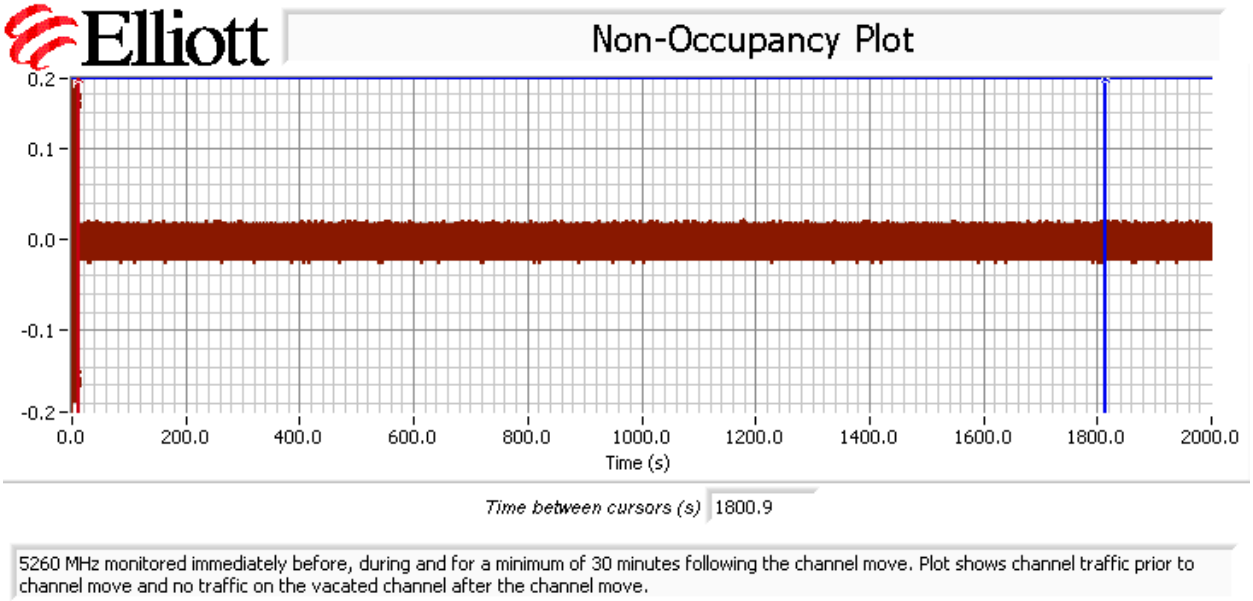

Figure 6 Radar Channel Non-Occupancy Plot

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

Appendix D Test Data – Channel Availability Check

5250- 5350 MHz

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

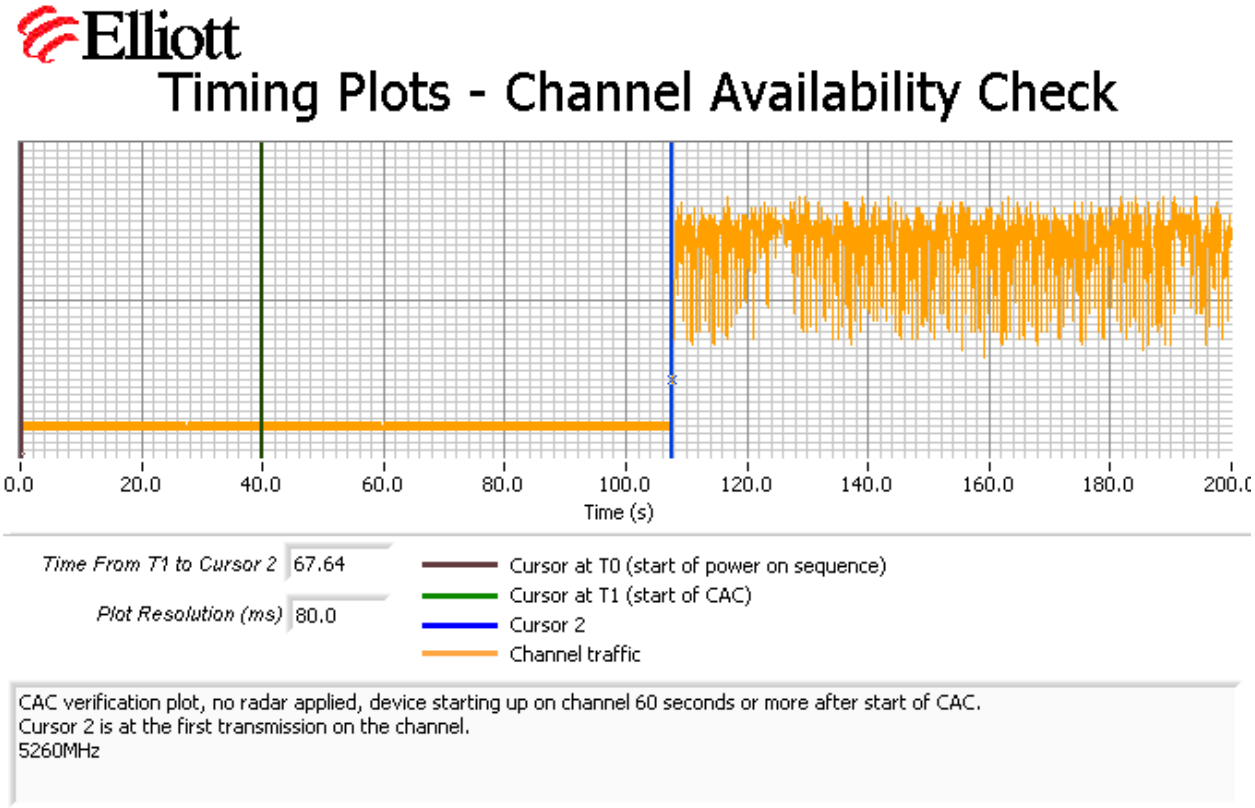

Figure 7 Plot of EUT Start-Up After CAC

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

The level of the radar signal applied was -64dBm. Measurements were made on channel 52 (5260 MHz)

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

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

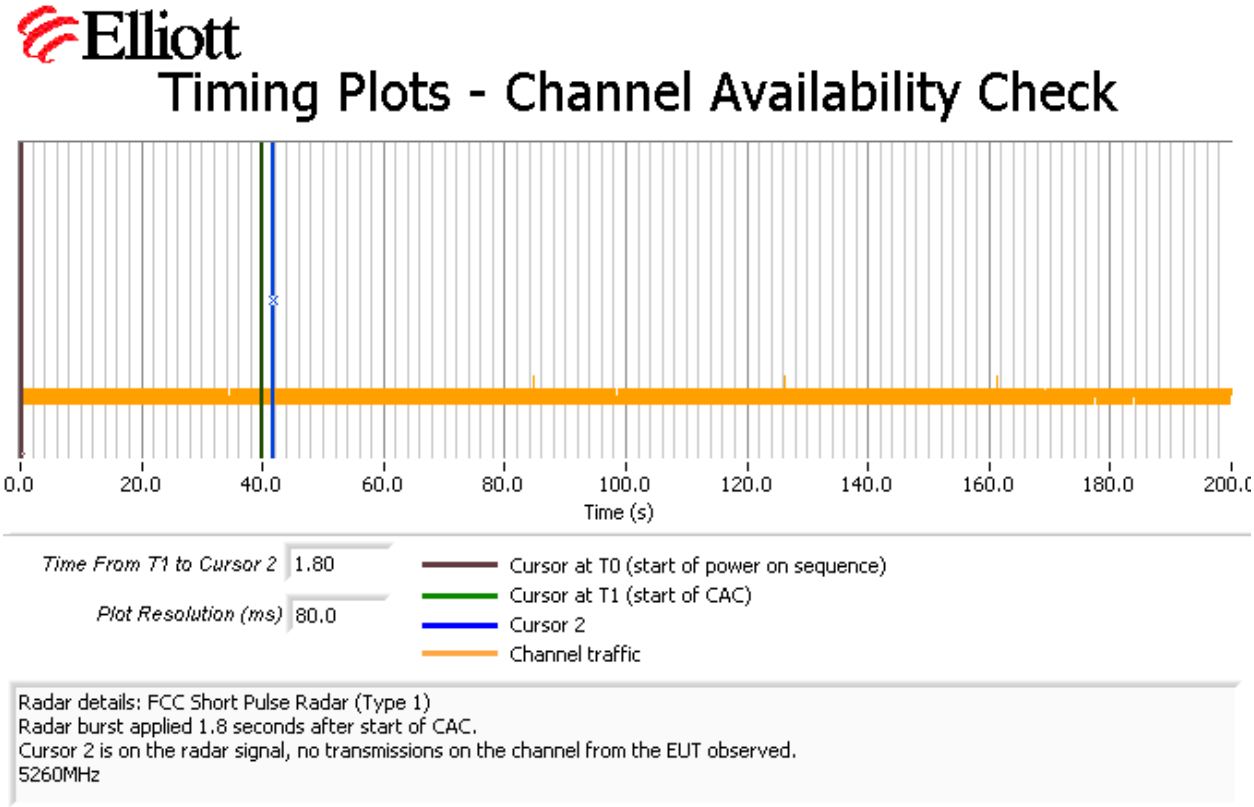

Figure 8 Radar Applied At Start of CAC

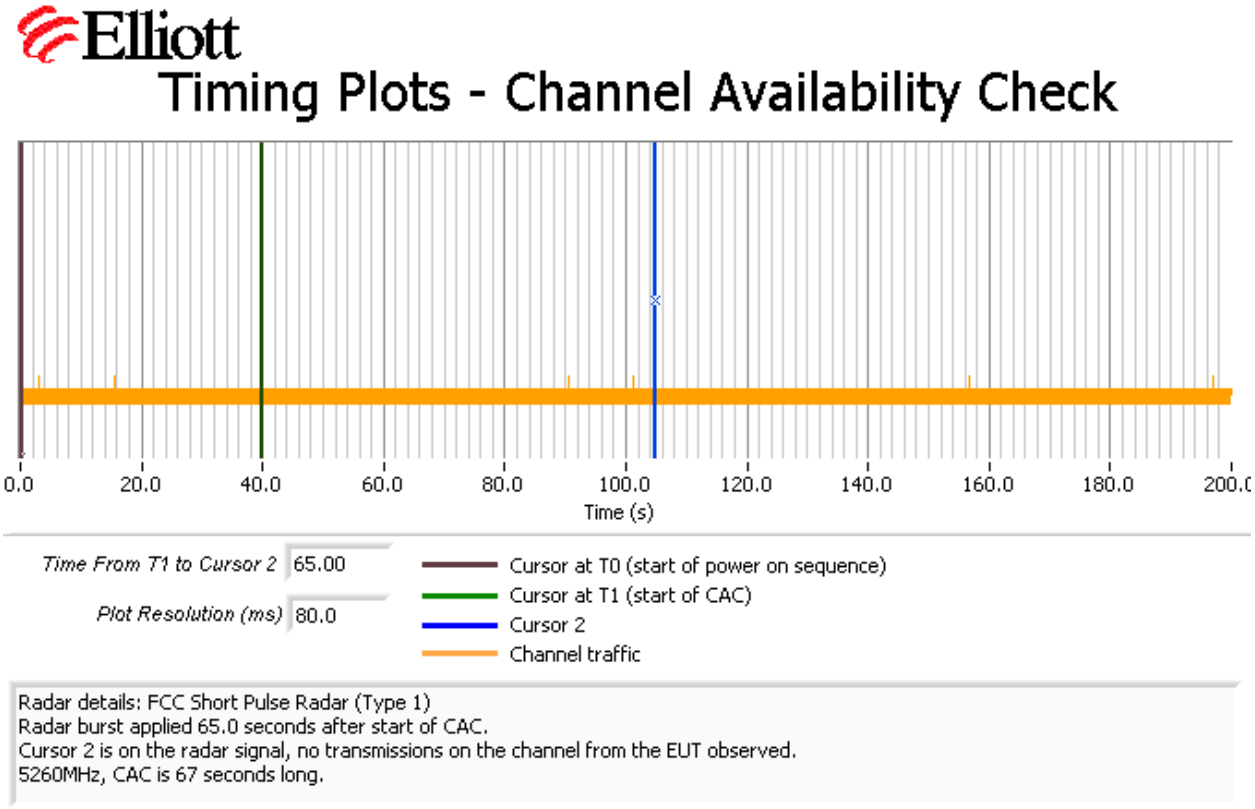

Figure 9 Radar Applied At End of CAC

Note: The tiny bumps in Figure 10 above are artifacts of the Spectrum Analyzer noise floor and not wireless traffic. The vertical scale is less than –dBm top to bottom owing to auto-scaling by the test software when there is no reading to measure.

Appendix E Antenna Specification Sheet

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	0.9	0.9
Highest Antenna Gain (dBi)	2.94	2.94

Appendix F Test Configuration Photographs