TEST REPORT
Covering the
DYNAMIC FREQUENCY SELECTION (DFS)
REQUIREMENTS
OF
FCC Part 15 Subpart E (UNII)
RSS-210, Issue 8, Annex 9
Motorola Mobility IP Set Top Engineering
Model(s): VAP2400 Rev. 2.0

COMPANY:	Motorola Mobility IP Set Top Engineering 6450 Sequence Drive San Diego, CA, 92121
TEST SITE:	Elliott Laboratories 41039 Boyce Road Fremont, CA 94538
REPORT DATE:	December 23, 2011
RE-ISSUED DATE:	February 3, 2012
FINAL TEST DATE:	November 22 and 29, 2011
TEST ENGINEER:	Wayne Fisher
TOTAL NUMBER OF PAGES:	106

AUTHORIZED SIGNATORY:

David W. Bare
Chief Engineer

QUALITY ASSURANCE DELEGATE / FINAL REPORT PREPARER:

David Guidotti
Senior Technical Writer

ACCREDITED
Testing Cert #0214.26

REVISION HISTORY

Rev #	Date	Comments	Modified By
1.0	12-23-2011	First Release	-
1.1	2-3-2012	Added client mode with associated data	Wayne Fisher

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

SCOPE

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

- FCC Part 15 Subpart E Unlicensed National Information Infrastructure (U-NII) Devices.
- Industry Canada, RSS-210, Annex 9 – Local Area Network 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 Motorola Mobility IP Set Top Engineering model VAP2400 Rev 2.0 and therefore apply only to the tested samples. The samples were selected and prepared by Hossein Dehghan of Quantenna.

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 samples of the Motorola Mobility IP Set Top Engineering model VAP2400 Rev 2.0 complied with the DFS requirements of FCC Part 15.407(h)(2) and RSS-210, Annex A9.3.

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

DEVIATIONS FROM THE STANDARD

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

EQUIPMENT UNDER TEST (EUT) DETAILS

GENERAL

The Motorola Mobility IP Set Top Engineering model VAP2400 Rev 2.0 is either a wireless access point or station depending on the configuration.

The sample of the access point was received on November 16, 2011 and tested on November 22 and 29, 2011. The sample of the station was received and tested on January 31, 2012. The following products were tested:

Manufacturer	Model	Description	MAC Number
Motorola	VAP2400 Rev. 2.0	Access Point	1C1448DAD128
Motorola	VAP2400 Rev. 2.0	Station	1C1448DAD143

The manufacturer declared values for the EUT operational characteristics that affect DFS are as follows:

Operating Modes (5250 – 5350 MHz, 5470 – 5725 MHz)

☒ Master Device 5250-5350 MHz

☒ Master Device 5470-5725 MHz (excluding 5600-5650 MHz)

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

☐ Client Device with In-Service Monitoring

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	0	0
Highest Antenna Gain (dBi)	4	4
EIRP Output Power (dBm)	24.1	24.1

☒ Power can exceed 200mW eirp

Channel Protocol

☒ IP Based

☐ Frame Based

☐ OTHER _____

ENCLOSURE

The EUT enclosure measures approximately 15.5 by 6.5 by 13.2 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:

November 22 and 29, 2011

Manufacturer	Model	Description	Serial Number
Motorola	*VAP2400*	*Station*	*None*
Lenovo	T400	Laptop Computer (Connected to Master)	L3-A2622 08/08
Lenovo	T400s	Laptop computer (connected to client)	R8-WWEM0 09/10

The italicized device was the client device.

January 31, 2012

Manufacturer	Model	Description	Serial Number
Motorola	*VAP2400*	*Access Point*	*1C1448DADA1F*
Lenovo	T400	Laptop Computer (Connected to Master)	L3-A2622 08/08
Lenovo	T400s	Laptop computer (connected to client)	R8-WWEM0 09/10

The italicized device was the master 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	Shielded	18
Ethernet	Remote laptop	CAT5	Shielded	18

EUT OPERATION

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

Master Device: 00.10.10

Client Device: 00.10.10

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

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

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

The streamed file was the "FCC" test file and the client device was using Windows Media Player Classic as required by FCC Part 15 Subpart E

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 (VAP2400 Rev. 2.0)

Table 4 - FCC Part 15 Subpart E Master Device Test Result Summary

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5500 MHz 5510 MHz 5520 MHz	70 s	≥ 60s	Appendix D	Complies
CAC Detection Threshold	Type 1	5500 MHz 5510 MHz	-64dBm	-64dBm (See note 2)	Appendix D	Complies
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	Varies	-64 dBm (note 2)	-64dBm (See note 2)	Appendix B	Complies
Bandwidth Detection	Type 1	Varies	15 MHz / 33 MHz	80% of the 99% BW	-	Complies
Channel closing transmission time	Type 1 Type 5	5500 MHz 5500 MHz	0 ms 0 ms	≤ 260ms	Appendix C	Complies
Channel move time	Type 1 Type 5	5500 MHz 5500 MHz	121 ms 141 ms	≤ 10s	Appendix C	Complies
Non-occupancy period	-	5500 MHz	> 30minutes	> 30 minutes	Appendix C	Complies
Uniform Loading		-	-	Uniform Loading	Refer to operational description	Not Tested

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 0 dBi. The limit is based on an eirp of more than 23 dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250 – 5350 MHz and 5500-5700 MHz band.
4) A negative channel move time indicates that the system had cleared the channel before the end of the radar burst.

TEST RESULTS SUMMARY – FCC Part 15, CLIENT DEVICE (VAP2400 Rev. 2.0)

Table 5 - FCC Part 15 Subpart E Client Device Test Result Summary

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel closing transmission time	Type 1	5660 MHz	0 ms	≤ 260ms	Appendix C	Complies
Channel move time	Type 1	5660 MHz	116 ms	≤ 10s	Appendix C	Complies
Non-occupancy period	-	5510 MHz	> 30minutes	> 30 minutes	Appendix C	Complies
Note: Tests were performed using the radiated test method.						

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.

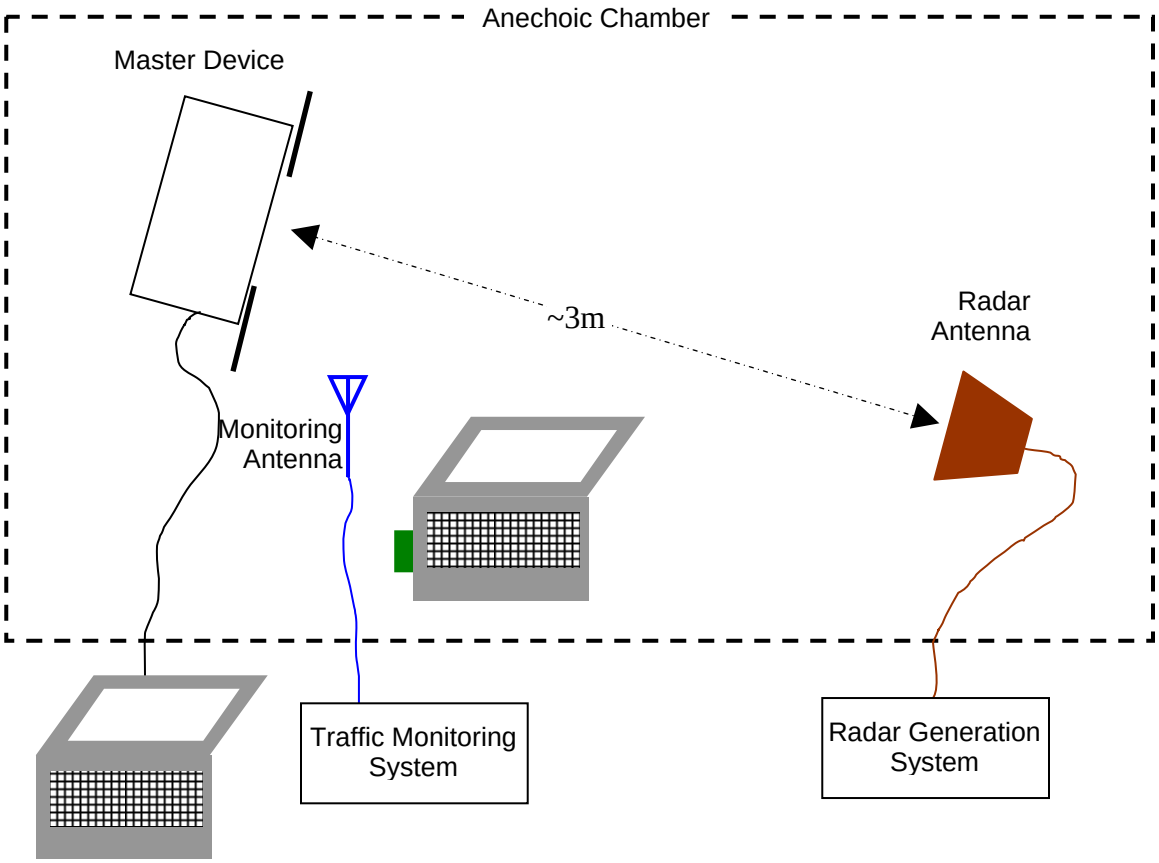


Figure 1 Test Configuration for radiated Measurement Method

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_{REF} (dBi). The radar signal level is calculated from the measured level, R (dBm), and any cable loss, L (dB), between the reference antenna and the measuring instrument:

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

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

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

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

An Agilent PSG is used as the radar-generating source. The integral arbitrary waveform generators are programmed using Agilent's "Pulse Building" software and 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. The frequency is varied from trial to trial by stepping in 5MHz steps.

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

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.

DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING

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

DFS CHANNEL AVAILABILITY CHECK TIME

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

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

UNIFORM LOADING

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

TRANSMIT POWER CONTROL (TPC)

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

SAMPLE CALCULATIONS

DETECTION PROBABILITY / SUCCESS RATE

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

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

THRESHOLD LEVEL

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

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

Appendix A Test Equipment Calibration Data

Manufacturer	Description	Model #	Asset #	Cal Due
EMCO	Antenna, Horn, 1-18 GHz	3115	487	06-Jul-12
Hewlett Packard	EMC Spectrum Analyzer	8595EM	787	29-Jul-12
EMCO	Antenna, Horn, 1-18 GHz	3117	1662	04-May-12
Agilent	PSG Vector Signal Generator	E8267C	1877	30-Mar-12
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	07-Oct-12

Appendix B Test Data Tables for Radar Detection Probability

Table 6 - VAP2400 rev2.0, n20 Detection Bandwidth Measurements (Bandwidth: +6MHz /-8MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	0	3	0
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	0	3	0

Table 7 - Summary of All Results - VAP2400 rev2.0, n20				
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)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	83.3 %	60.0 %	30	PASSED
Aggregate of above results	93.3 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	76.7 %	70.0 %	30	PASSED
Long Sequence	86.7 %	80.0 %	30	PASSED

Table 8 - FCC Short Pulse Radar (Type 1) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:51:04 PM)
2	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:51:28 PM)
3	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:51:37 PM)
4	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:51:45 PM)
5	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:51:52 PM)
6	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:52:02 PM)
7	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:52:09 PM)
8	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:52:17 PM)
9	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:52:28 PM)
10	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:52:37 PM)
11	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:52:45 PM)
12	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:53:08 PM)
13	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:53:16 PM)
14	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:53:44 PM)
15	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:53:54 PM)
16	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:54:02 PM)
17	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:54:16 PM)
18	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:54:24 PM)
19	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:54:33 PM)

Table 8 - FCC Short Pulse Radar (Type 1) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
20	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:54:41 PM)
21	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:54:49 PM)
22	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:55:00 PM)
23	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:55:08 PM)
24	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:55:16 PM)
25	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:55:24 PM)
26	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:55:32 PM)
27	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:55:41 PM)
28	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:55:50 PM)
29	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 03:56:00 PM)
30	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 03:56:14 PM)

Table 9 - FCC Short Pulse Radar (Type 2) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	23	1.9	182.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:28:44 PM)
2	28	5.0	214.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:28:59 PM)
3	27	2.5	189.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:29:10 PM)
4	29	2.8	171.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:29:19 PM)
5	25	1.4	190.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:29:29 PM)
6	27	4.9	179.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:29:38 PM)
7	25	2.8	220.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:29:50 PM)
8	28	2.2	182.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:29:59 PM)
9	24	4.6	172.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:30:08 PM)
10	27	1.6	205.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:30:16 PM)
11	24	3.1	185.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:30:24 PM)
12	24	3.4	223.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:30:31 PM)
13	28	2.6	228.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:30:39 PM)

Table 9 - FCC Short Pulse Radar (Type 2) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
14	29	1.7	212.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:30:49 PM)
15	23	1.2	215.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:30:56 PM)
16	25	2.3	193.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:31:05 PM)
17	25	4.0	185.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:31:13 PM)
18	26	1.2	152.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:31:21 PM)
19	27	3.1	212.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:31:30 PM)
20	26	1.8	186.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:31:37 PM)
21	26	2.1	209.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:31:45 PM)
22	27	2.6	228.0	No	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:31:53 PM)
23	26	3.5	197.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:32:10 PM)
24	28	2.5	155.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:32:18 PM)
25	24	4.7	187.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:32:26 PM)
26	24	3.2	153.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:32:38 PM)
27	24	1.9	224.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:32:48 PM)
28	28	2.6	188.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:32:59 PM)
29	29	2.8	206.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:33:08 PM)
30	28	4.5	164.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:33:20 PM)

Table 10 - FCC Short Pulse Radar (Type 3) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	6.2	416.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:34:13 PM)
2	17	6.9	208.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:34:27 PM)
3	18	9.9	494.0	No	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:34:37 PM)
4	17	8.2	394.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:35:07 PM)
5	17	8.1	359.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:35:29 PM)
6	16	7.9	246.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:35:42 PM)
7	17	6.4	307.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:35:59 PM)

Table 10 - FCC Short Pulse Radar (Type 3) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
8	17	7.8	419.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:36:09 PM)
9	17	7.3	336.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:36:22 PM)
10	18	9.3	418.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:36:30 PM)
11	16	6.5	349.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:36:41 PM)
12	17	7.0	436.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:37:02 PM)
13	18	8.1	461.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:37:11 PM)
14	17	8.2	347.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:37:19 PM)
15	18	6.4	387.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:37:31 PM)
16	16	6.6	316.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:37:46 PM)
17	18	7.0	278.0	No	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:37:55 PM)
18	17	6.5	393.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:38:10 PM)
19	16	7.4	466.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:38:29 PM)
20	16	7.7	478.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:38:41 PM)
21	16	8.7	416.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:38:51 PM)
22	16	8.0	434.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:39:01 PM)
23	16	8.4	265.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:39:12 PM)
24	17	7.2	494.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:39:32 PM)
25	18	7.4	232.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:39:44 PM)
26	16	8.1	231.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:39:52 PM)
27	18	7.5	446.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:40:07 PM)
28	18	7.2	372.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:40:14 PM)
29	17	7.6	333.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:40:36 PM)
30	18	10.0	378.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:40:49 PM)

Table 11 - FCC Short Pulse Radar (Type 4) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	18.3	254.0	No	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:41:36 PM)

Table 11 - FCC Short Pulse Radar (Type 4) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
2	15	15.7	250.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:41:55 PM)
3	15	11.1	361.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:42:30 PM)
4	12	15.8	368.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:42:41 PM)
5	14	14.5	226.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:42:49 PM)
6	13	19.2	477.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:42:57 PM)
7	15	19.8	292.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:43:06 PM)
8	15	18.2	307.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:43:16 PM)
9	13	12.1	331.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:43:29 PM)
10	15	16.0	264.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:43:39 PM)
11	12	18.6	275.0	No	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:45:16 PM)
12	13	16.0	494.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:45:32 PM)
13	15	11.5	478.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:46:42 PM)
14	16	12.1	278.0	No	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:46:57 PM)
15	12	19.0	258.0	No	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:47:24 PM)
16	15	13.1	346.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:48:17 PM)
17	14	13.3	270.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:48:34 PM)
18	13	11.8	495.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:48:45 PM)
19	14	15.6	207.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:48:54 PM)
20	15	11.6	282.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:49:02 PM)
21	12	11.2	296.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:49:15 PM)
22	15	16.6	298.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:49:23 PM)
23	12	15.6	413.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:49:31 PM)
24	12	12.6	451.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:49:40 PM)
25	14	19.1	443.0	No	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:49:47 PM)
26	15	15.8	484.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:49:58 PM)
27	14	15.5	408.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:50:07 PM)
28	14	18.4	314.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:50:15 PM)

Table 11 - FCC Short Pulse Radar (Type 4) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
29	16	14.0	339.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 04:50:24 PM)
30	13	11.7	208.0	Yes	5495.0MHz, -64.0dBm	Single burst (11/22/2011 04:50:32 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5428, 5505, 5323, 5405, 5340, 5677, 5665, 5720, 5333, 5672, 5453, 5306, 5305, 5379, 5711, 5588, 5608, 5581, 5414, 5547, 5325, 5426, 5689, 5648, 5287, 5284, 5603, 5483, 5336, 5382, 5722, 5266, 5262, 5273, 5537, 5589, 5370, 5637, 5725, 5430, 5425, 5288, 5301, 5359, 5631, 5291, 5577, 5613, 5423, 5407, 5457, 5350, 5356, 5446, 5678, 5449, 5351, 5367, 5504, 5598, 5270, 5319, 5510, 5416, 5326, 5280, 5533, 5272, 5695, 5693, 5251, 5366, 5309, 5526, 5375, 5630, 5606, 5444, 5669, 5337, 5353, 5685, 5329, 5521, 5295, 5634, 5638, 5413, 5257, 5519, 5576, 5541, 5529, 5415, 5686, 5441, 5283, 5349, 5512, 5489 (2 hits) (11/22/2011 03:57:04 PM)
2	9	1.0	333.0	No	5506.0MHz, -64.0dBm	Hop sequence: 5308, 5311, 5528, 5577, 5692, 5725, 5313, 5673, 5489, 5426, 5477, 5333, 5479, 5461, 5722, 5268, 5419, 5713, 5391, 5266, 5641, 5541, 5393, 5305, 5506, 5590, 5586, 5696, 5516, 5265, 5370, 5343, 5294, 5677, 5482, 5438, 5617, 5652, 5448, 5382, 5359, 5289, 5341, 5351, 5564, 5402, 5674, 5708, 5563, 5478, 5299, 5422, 5349, 5380, 5534, 5476, 5355, 5511, 5449, 5459, 5611, 5494, 5270, 5707, 5460, 5473, 5279, 5319, 5456, 5490, 5471, 5670, 5251, 5497, 5408, 5284, 5671, 5675, 5608, 5682, 5650, 5573, 5614, 5546, 5500, 5615, 5634, 5683, 5521, 5609, 5475, 5603, 5421, 5629, 5339, 5297, 5372, 5444, 5507, 5632 (4 hits) (11/22/2011 03:57:13 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
3	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5595, 5290, 5607, 5447, 5335, 5660, 5686, 5329, 5403, 5430, 5480, 5462, 5670, 5390, 5608, 5277, 5650, 5293, 5618, 5605, 5471, 5684, 5260, 5539, 5529, 5448, 5319, 5434, 5702, 5603, 5550, 5501, 5342, 5611, 5483, 5700, 5381, 5324, 5388, 5586, 5408, 5476, 5503, 5527, 5321, 5454, 5582, 5669, 5531, 5379, 5659, 5347, 5312, 5497, 5344, 5361, 5549, 5636, 5698, 5265, 5644, 5435, 5412, 5399, 5710, 5419, 5482, 5499, 5696, 5487, 5346, 5615, 5524, 5676, 5294, 5590, 5345, 5486, 5600, 5602, 5574, 5406, 5552, 5284, 5283, 5268, 5548, 5691, 5410, 5404, 5258, 5656, 5596, 5267, 5680, 5554, 5423, 5365, 5437, 5569 (4 hits) (11/22/2011 03:57:33 PM)
4	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5624, 5524, 5482, 5311, 5402, 5660, 5355, 5477, 5262, 5580, 5446, 5375, 5571, 5422, 5431, 5273, 5592, 5301, 5510, 5563, 5467, 5625, 5699, 5695, 5473, 5428, 5665, 5392, 5484, 5323, 5517, 5458, 5290, 5546, 5448, 5610, 5295, 5354, 5535, 5318, 5366, 5520, 5320, 5638, 5398, 5356, 5698, 5679, 5303, 5539, 5582, 5292, 5717, 5594, 5283, 5275, 5369, 5611, 5564, 5314, 5556, 5425, 5572, 5408, 5462, 5672, 5581, 5468, 5471, 5361, 5343, 5662, 5445, 5538, 5700, 5444, 5435, 5629, 5447, 5271, 5613, 5449, 5335, 5401, 5666, 5383, 5316, 5305, 5286, 5333, 5338, 5308, 5648, 5628, 5523, 5703, 5574, 5351, 5537, 5494 (1 hits) (11/22/2011 03:57:47 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
5	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5309, 5536, 5360, 5356, 5676, 5632, 5497, 5357, 5423, 5284, 5490, 5401, 5679, 5549, 5593, 5602, 5275, 5547, 5637, 5634, 5308, 5438, 5387, 5272, 5551, 5612, 5683, 5563, 5280, 5702, 5608, 5262, 5385, 5721, 5633, 5404, 5306, 5278, 5553, 5488, 5358, 5588, 5270, 5500, 5598, 5585, 5522, 5657, 5579, 5705, 5263, 5591, 5622, 5330, 5418, 5354, 5518, 5318, 5479, 5629, 5439, 5524, 5521, 5466, 5681, 5545, 5638, 5701, 5302, 5297, 5258, 5332, 5388, 5718, 5326, 5650, 5321, 5252, 5666, 5312, 5631, 5661, 5619, 5440, 5611, 5589, 5473, 5523, 5367, 5391, 5281, 5688, 5285, 5371, 5682, 5256, 5378, 5380, 5264, 5327 (2 hits) (11/22/2011 03:57:54 PM)
6	9	1.0	333.0	No	5495.0MHz, -64.0dBm	Hop sequence: 5678, 5692, 5564, 5365, 5272, 5580, 5259, 5401, 5589, 5551, 5354, 5413, 5646, 5366, 5476, 5307, 5477, 5527, 5423, 5680, 5550, 5510, 5274, 5347, 5484, 5300, 5294, 5321, 5530, 5682, 5698, 5271, 5706, 5266, 5708, 5575, 5495, 5658, 5402, 5576, 5343, 5450, 5475, 5330, 5704, 5617, 5411, 5593, 5479, 5543, 5670, 5487, 5451, 5428, 5257, 5419, 5608, 5291, 5478, 5440, 5607, 5314, 5398, 5537, 5403, 5533, 5579, 5690, 5256, 5568, 5324, 5453, 5251, 5574, 5358, 5310, 5261, 5481, 5412, 5674, 5386, 5346, 5357, 5455, 5323, 5438, 5454, 5563, 5664, 5442, 5624, 5725, 5288, 5569, 5304, 5513, 5327, 5594, 5380, 5697 (1 hits) (11/22/2011 03:58:01 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
7	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5520, 5338, 5649, 5664, 5355, 5589, 5307, 5554, 5619, 5437, 5276, 5711, 5550, 5523, 5673, 5411, 5345, 5397, 5303, 5335, 5339, 5633, 5367, 5356, 5486, 5652, 5613, 5581, 5707, 5341, 5689, 5703, 5485, 5497, 5285, 5271, 5609, 5724, 5373, 5621, 5617, 5436, 5668, 5583, 5264, 5504, 5666, 5546, 5669, 5695, 5686, 5460, 5288, 5547, 5344, 5301, 5537, 5532, 5383, 5293, 5491, 5458, 5324, 5516, 5357, 5353, 5283, 5466, 5328, 5476, 5493, 5457, 5370, 5420, 5346, 5500, 5477, 5407, 5378, 5480, 5593, 5387, 5574, 5377, 5336, 5508, 5416, 5545, 5659, 5340, 5706, 5329, 5472, 5403, 5374, 5442, 5568, 5495, 5521, 5685 (5 hits) (11/22/2011 03:58:14 PM)
8	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5725, 5272, 5526, 5290, 5615, 5352, 5718, 5348, 5709, 5457, 5614, 5409, 5351, 5452, 5410, 5258, 5491, 5678, 5267, 5494, 5700, 5489, 5425, 5323, 5647, 5420, 5704, 5443, 5423, 5603, 5419, 5435, 5721, 5482, 5454, 5598, 5611, 5268, 5465, 5710, 5332, 5297, 5281, 5578, 5479, 5584, 5648, 5668, 5497, 5684, 5458, 5521, 5481, 5450, 5340, 5299, 5688, 5397, 5527, 5319, 5346, 5320, 5480, 5327, 5522, 5503, 5642, 5554, 5276, 5468, 5649, 5434, 5666, 5676, 5384, 5256, 5358, 5697, 5514, 5722, 5306, 5282, 5274, 5550, 5644, 5273, 5368, 5347, 5325, 5581, 5594, 5500, 5372, 5705, 5638, 5723, 5478, 5470, 5601, 5390 (4 hits) (11/22/2011 03:58:24 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
9	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5379, 5622, 5675, 5519, 5553, 5719, 5324, 5534, 5632, 5602, 5636, 5338, 5540, 5559, 5340, 5305, 5409, 5404, 5539, 5469, 5510, 5308, 5604, 5542, 5292, 5523, 5434, 5357, 5500, 5587, 5573, 5641, 5526, 5302, 5507, 5672, 5687, 5577, 5400, 5585, 5700, 5654, 5586, 5403, 5533, 5590, 5444, 5665, 5674, 5319, 5663, 5626, 5627, 5407, 5425, 5372, 5275, 5309, 5580, 5412, 5334, 5348, 5610, 5566, 5634, 5616, 5342, 5579, 5253, 5718, 5607, 5574, 5642, 5436, 5678, 5589, 5268, 5614, 5316, 5583, 5693, 5364, 5562, 5565, 5278, 5645, 5657, 5588, 5613, 5486, 5391, 5679, 5600, 5551, 5439, 5681, 5650, 5724, 5286, 5289 (1 hits) (11/22/2011 03:58:35 PM)
10	9	1.0	333.0	No	5499.0MHz, -64.0dBm	Hop sequence: 5641, 5592, 5401, 5578, 5285, 5630, 5416, 5350, 5411, 5380, 5395, 5672, 5551, 5704, 5563, 5449, 5262, 5301, 5398, 5716, 5489, 5455, 5557, 5260, 5324, 5528, 5544, 5649, 5290, 5362, 5483, 5543, 5536, 5604, 5642, 5569, 5446, 5347, 5402, 5365, 5680, 5599, 5321, 5718, 5525, 5627, 5311, 5562, 5686, 5488, 5378, 5479, 5668, 5546, 5315, 5688, 5413, 5391, 5694, 5677, 5555, 5436, 5593, 5478, 5443, 5640, 5545, 5457, 5358, 5299, 5724, 5374, 5284, 5566, 5719, 5490, 5493, 5419, 5400, 5613, 5484, 5287, 5595, 5675, 5383, 5598, 5669, 5461, 5323, 5255, 5538, 5340, 5620, 5351, 5266, 5310, 5664, 5681, 5510, 5687 (1 hits) (11/22/2011 03:58:46 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
11	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5307, 5479, 5509, 5587, 5425, 5474, 5726, 5607, 5282, 5410, 5314, 5318, 5686, 5402, 5348, 5507, 5572, 5441, 5341, 5688, 5468, 5552, 5638, 5416, 5495, 5623, 5438, 5690, 5712, 5593, 5605, 5408, 5463, 5597, 5527, 5685, 5354, 5432, 5646, 5684, 5635, 5591, 5401, 5329, 5424, 5325, 5331, 5467, 5535, 5637, 5585, 5288, 5707, 5387, 5334, 5270, 5501, 5610, 5515, 5723, 5721, 5551, 5598, 5595, 5286, 5665, 5722, 5422, 5294, 5458, 5451, 5553, 5315, 5343, 5616, 5544, 5705, 5340, 5643, 5391, 5569, 5481, 5537, 5522, 5465, 5560, 5496, 5250, 5696, 5717, 5421, 5260, 5476, 5252, 5660, 5499, 5452, 5502, 5677, 5554 (5 hits) (11/22/2011 03:58:58 PM)
12	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5336, 5601, 5497, 5342, 5544, 5361, 5284, 5340, 5415, 5597, 5690, 5309, 5320, 5551, 5512, 5519, 5595, 5481, 5644, 5421, 5367, 5472, 5671, 5674, 5328, 5495, 5255, 5699, 5413, 5404, 5642, 5526, 5667, 5513, 5714, 5695, 5393, 5289, 5375, 5673, 5371, 5379, 5486, 5333, 5348, 5505, 5440, 5470, 5434, 5536, 5410, 5666, 5508, 5252, 5501, 5343, 5681, 5581, 5528, 5615, 5418, 5625, 5489, 5401, 5502, 5606, 5473, 5377, 5407, 5420, 5427, 5478, 5324, 5662, 5463, 5455, 5290, 5604, 5277, 5603, 5616, 5490, 5609, 5579, 5716, 5484, 5618, 5723, 5293, 5270, 5577, 5260, 5554, 5602, 5288, 5558, 5366, 5347, 5433, 5628 (5 hits) (11/22/2011 03:59:25 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
13	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5556, 5674, 5542, 5470, 5521, 5482, 5393, 5578, 5399, 5531, 5308, 5300, 5444, 5386, 5456, 5369, 5432, 5580, 5381, 5410, 5329, 5382, 5622, 5346, 5437, 5451, 5418, 5465, 5268, 5560, 5710, 5253, 5589, 5292, 5405, 5332, 5725, 5256, 5493, 5582, 5389, 5539, 5348, 5534, 5669, 5365, 5583, 5375, 5629, 5671, 5566, 5683, 5548, 5612, 5359, 5278, 5630, 5506, 5722, 5475, 5267, 5450, 5527, 5443, 5350, 5650, 5575, 5505, 5708, 5646, 5324, 5617, 5595, 5642, 5282, 5678, 5691, 5702, 5377, 5460, 5608, 5313, 5434, 5554, 5501, 5416, 5477, 5392, 5625, 5479, 5601, 5355, 5598, 5461, 5719, 5445, 5636, 5366, 5337, 5275 (4 hits) (11/22/2011 03:59:38 PM)
14	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5328, 5584, 5566, 5412, 5382, 5621, 5683, 5299, 5368, 5418, 5263, 5711, 5587, 5635, 5410, 5647, 5620, 5518, 5494, 5482, 5345, 5722, 5300, 5343, 5283, 5558, 5354, 5507, 5435, 5670, 5521, 5341, 5505, 5491, 5304, 5654, 5256, 5689, 5426, 5338, 5525, 5422, 5639, 5646, 5266, 5721, 5586, 5309, 5539, 5475, 5336, 5409, 5580, 5675, 5483, 5447, 5321, 5362, 5651, 5269, 5655, 5394, 5526, 5357, 5705, 5610, 5460, 5492, 5540, 5573, 5465, 5520, 5696, 5487, 5451, 5295, 5264, 5486, 5333, 5481, 5642, 5535, 5669, 5374, 5709, 5421, 5393, 5402, 5339, 5615, 5323, 5504, 5717, 5275, 5572, 5407, 5631, 5628, 5692, 5624 (4 hits) (11/22/2011 03:59:49 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
15	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5433, 5269, 5689, 5533, 5259, 5494, 5534, 5673, 5500, 5580, 5398, 5499, 5385, 5684, 5709, 5551, 5638, 5590, 5695, 5459, 5512, 5472, 5686, 5456, 5565, 5344, 5528, 5679, 5714, 5557, 5313, 5282, 5622, 5653, 5559, 5316, 5457, 5504, 5630, 5550, 5284, 5273, 5696, 5476, 5584, 5342, 5468, 5612, 5355, 5545, 5429, 5362, 5720, 5690, 5406, 5447, 5586, 5705, 5484, 5415, 5358, 5403, 5618, 5258, 5650, 5324, 5513, 5722, 5479, 5543, 5267, 5370, 5563, 5389, 5602, 5262, 5326, 5480, 5391, 5446, 5291, 5723, 5678, 5464, 5526, 5300, 5640, 5309, 5576, 5514, 5601, 5443, 5481, 5337, 5350, 5540, 5554, 5548, 5293, 5598 (4 hits) (11/22/2011 03:59:57 PM)
16	9	1.0	333.0	No	5505.0MHz, -64.0dBm	Hop sequence: 5423, 5497, 5584, 5477, 5420, 5553, 5314, 5332, 5526, 5346, 5392, 5412, 5262, 5710, 5613, 5303, 5360, 5570, 5677, 5718, 5657, 5276, 5564, 5489, 5443, 5307, 5347, 5697, 5417, 5430, 5364, 5680, 5693, 5703, 5667, 5337, 5612, 5591, 5264, 5259, 5514, 5599, 5290, 5504, 5505, 5725, 5306, 5538, 5517, 5642, 5252, 5508, 5448, 5377, 5343, 5605, 5606, 5381, 5619, 5327, 5296, 5585, 5380, 5506, 5326, 5436, 5437, 5351, 5601, 5598, 5480, 5587, 5490, 5368, 5694, 5365, 5631, 5338, 5560, 5255, 5533, 5656, 5271, 5494, 5630, 5310, 5460, 5544, 5473, 5409, 5576, 5595, 5700, 5386, 5524, 5324, 5256, 5717, 5496, 5669 (6 hits) (11/22/2011 04:00:09 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
17	9	1.0	333.0	No	5506.0MHz, -64.0dBm	Hop sequence: 5292, 5348, 5400, 5319, 5585, 5413, 5666, 5291, 5521, 5285, 5654, 5568, 5617, 5421, 5264, 5302, 5356, 5450, 5602, 5508, 5305, 5422, 5357, 5276, 5331, 5686, 5277, 5390, 5306, 5502, 5471, 5661, 5397, 5567, 5678, 5721, 5638, 5255, 5267, 5524, 5344, 5486, 5268, 5539, 5456, 5325, 5347, 5512, 5334, 5588, 5718, 5375, 5631, 5252, 5690, 5404, 5509, 5658, 5528, 5543, 5259, 5580, 5410, 5522, 5463, 5569, 5613, 5283, 5297, 5514, 5536, 5385, 5258, 5403, 5670, 5484, 5395, 5303, 5684, 5320, 5650, 5697, 5577, 5642, 5636, 5371, 5380, 5309, 5373, 5273, 5327, 5692, 5408, 5525, 5562, 5698, 5293, 5622, 5287, 5665 (1 hits) (11/22/2011 04:00:20 PM)
18	9	1.0	333.0	No	5492.0MHz, -64.0dBm	Hop sequence: 5367, 5341, 5508, 5432, 5512, 5386, 5544, 5610, 5336, 5289, 5682, 5671, 5390, 5491, 5675, 5254, 5375, 5598, 5494, 5669, 5647, 5558, 5457, 5611, 5384, 5426, 5293, 5521, 5325, 5678, 5545, 5424, 5425, 5513, 5697, 5531, 5568, 5296, 5327, 5676, 5593, 5618, 5519, 5668, 5474, 5646, 5267, 5711, 5291, 5535, 5387, 5565, 5335, 5596, 5352, 5579, 5554, 5636, 5449, 5444, 5295, 5330, 5715, 5413, 5717, 5458, 5666, 5667, 5408, 5569, 5370, 5541, 5703, 5582, 5686, 5525, 5522, 5714, 5391, 5629, 5493, 5583, 5364, 5627, 5345, 5456, 5580, 5602, 5719, 5575, 5614, 5276, 5377, 5454, 5459, 5713, 5641, 5260, 5567, 5321 (2 hits) (11/22/2011 04:00:36 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
19	9	1.0	333.0	No	5493.0MHz, -64.0dBm	Hop sequence: 5310, 5442, 5329, 5694, 5258, 5521, 5509, 5544, 5460, 5572, 5642, 5706, 5405, 5433, 5626, 5276, 5524, 5587, 5532, 5391, 5293, 5508, 5270, 5457, 5653, 5430, 5332, 5674, 5660, 5624, 5330, 5571, 5525, 5469, 5273, 5676, 5408, 5465, 5589, 5529, 5663, 5313, 5664, 5580, 5640, 5557, 5548, 5708, 5259, 5283, 5648, 5435, 5670, 5689, 5393, 5439, 5610, 5253, 5650, 5568, 5268, 5387, 5719, 5337, 5340, 5518, 5358, 5366, 5361, 5549, 5317, 5277, 5271, 5452, 5473, 5551, 5304, 5584, 5725, 5634, 5260, 5510, 5702, 5651, 5573, 5424, 5307, 5619, 5711, 5448, 5601, 5609, 5264, 5334, 5303, 5282, 5498, 5344, 5294, 5513 (1 hits) (11/22/2011 04:01:53 PM)
20	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5624, 5575, 5275, 5571, 5380, 5314, 5399, 5641, 5591, 5338, 5679, 5320, 5400, 5711, 5635, 5440, 5716, 5642, 5342, 5655, 5607, 5664, 5264, 5395, 5293, 5257, 5410, 5505, 5562, 5647, 5298, 5377, 5606, 5474, 5398, 5263, 5495, 5713, 5517, 5665, 5550, 5401, 5426, 5262, 5309, 5261, 5549, 5506, 5441, 5463, 5593, 5601, 5623, 5256, 5652, 5272, 5492, 5681, 5300, 5510, 5329, 5529, 5630, 5427, 5608, 5653, 5585, 5502, 5283, 5646, 5393, 5325, 5430, 5282, 5621, 5640, 5616, 5668, 5578, 5723, 5274, 5720, 5486, 5341, 5553, 5518, 5279, 5704, 5270, 5689, 5521, 5471, 5469, 5707, 5294, 5418, 5494, 5404, 5415, 5407 (6 hits) (11/22/2011 04:03:37 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5599, 5500, 5411, 5266, 5338, 5307, 5406, 5581, 5346, 5697, 5536, 5648, 5503, 5506, 5605, 5552, 5556, 5267, 5602, 5592, 5532, 5686, 5325, 5707, 5483, 5275, 5647, 5387, 5539, 5374, 5296, 5551, 5378, 5639, 5595, 5565, 5429, 5661, 5284, 5263, 5376, 5623, 5303, 5454, 5591, 5408, 5355, 5417, 5716, 5395, 5491, 5695, 5258, 5513, 5628, 5300, 5633, 5667, 5360, 5331, 5512, 5464, 5636, 5624, 5316, 5367, 5660, 5423, 5293, 5570, 5583, 5574, 5684, 5425, 5398, 5672, 5418, 5669, 5461, 5726, 5404, 5598, 5268, 5527, 5301, 5332, 5666, 5295, 5586, 5575, 5525, 5475, 5542, 5330, 5572, 5481, 5403, 5373, 5434, 5538 (3 hits) (11/22/2011 04:04:58 PM)
22	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5310, 5687, 5436, 5606, 5463, 5700, 5493, 5504, 5707, 5681, 5401, 5262, 5505, 5415, 5518, 5662, 5633, 5558, 5591, 5302, 5628, 5708, 5725, 5437, 5568, 5457, 5308, 5340, 5696, 5377, 5329, 5269, 5589, 5563, 5717, 5408, 5469, 5613, 5660, 5360, 5263, 5500, 5460, 5643, 5444, 5478, 5585, 5632, 5354, 5316, 5476, 5621, 5318, 5641, 5279, 5287, 5343, 5688, 5406, 5514, 5586, 5392, 5419, 5391, 5664, 5675, 5468, 5577, 5651, 5635, 5674, 5450, 5483, 5423, 5405, 5394, 5625, 5571, 5480, 5590, 5684, 5609, 5638, 5413, 5334, 5410, 5711, 5428, 5582, 5584, 5313, 5596, 5432, 5407, 5542, 5623, 5678, 5481, 5706, 5344 (4 hits) (11/22/2011 04:05:10 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
23	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5703, 5427, 5513, 5315, 5694, 5362, 5623, 5411, 5631, 5503, 5491, 5380, 5352, 5662, 5655, 5358, 5278, 5638, 5628, 5540, 5633, 5339, 5393, 5607, 5525, 5356, 5720, 5656, 5453, 5261, 5334, 5275, 5649, 5373, 5309, 5614, 5568, 5374, 5664, 5344, 5340, 5324, 5361, 5454, 5684, 5666, 5270, 5537, 5574, 5492, 5433, 5663, 5556, 5706, 5482, 5406, 5555, 5576, 5594, 5360, 5518, 5653, 5660, 5552, 5282, 5402, 5428, 5588, 5585, 5468, 5424, 5688, 5564, 5669, 5715, 5519, 5372, 5534, 5667, 5711, 5414, 5384, 5701, 5403, 5398, 5632, 5452, 5416, 5410, 5455, 5496, 5526, 5333, 5469, 5341, 5283, 5273, 5308, 5385, 5450 (3 hits) (11/22/2011 04:05:18 PM)
24	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5477, 5602, 5407, 5306, 5614, 5286, 5466, 5343, 5289, 5639, 5609, 5316, 5490, 5340, 5685, 5712, 5598, 5686, 5576, 5705, 5414, 5629, 5604, 5511, 5497, 5545, 5696, 5718, 5626, 5723, 5274, 5627, 5324, 5547, 5606, 5416, 5353, 5517, 5570, 5578, 5298, 5265, 5428, 5726, 5253, 5388, 5371, 5309, 5255, 5529, 5334, 5354, 5603, 5612, 5411, 5666, 5271, 5690, 5591, 5317, 5671, 5587, 5573, 5452, 5395, 5522, 5546, 5491, 5493, 5531, 5399, 5483, 5464, 5584, 5590, 5283, 5660, 5540, 5515, 5662, 5476, 5480, 5427, 5687, 5618, 5377, 5695, 5454, 5277, 5673, 5266, 5651, 5725, 5424, 5435, 5386, 5516, 5706, 5583, 5484 (2 hits) (11/22/2011 04:05:26 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
25	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5698, 5489, 5472, 5506, 5639, 5544, 5422, 5427, 5522, 5673, 5276, 5343, 5364, 5456, 5315, 5370, 5627, 5704, 5277, 5401, 5596, 5254, 5626, 5278, 5686, 5354, 5398, 5358, 5256, 5580, 5396, 5575, 5640, 5663, 5434, 5372, 5287, 5474, 5297, 5490, 5448, 5720, 5513, 5519, 5623, 5593, 5363, 5598, 5499, 5357, 5295, 5685, 5662, 5696, 5349, 5414, 5329, 5587, 5583, 5715, 5540, 5289, 5617, 5564, 5373, 5554, 5465, 5469, 5578, 5317, 5326, 5350, 5483, 5660, 5280, 5515, 5320, 5338, 5645, 5661, 5436, 5377, 5599, 5455, 5725, 5552, 5524, 5535, 5514, 5529, 5503, 5470, 5250, 5341, 5624, 5539, 5321, 5603, 5433, 5647 (3 hits) (11/22/2011 04:05:33 PM)
26	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5549, 5379, 5459, 5523, 5564, 5573, 5339, 5512, 5643, 5286, 5426, 5539, 5588, 5432, 5294, 5586, 5372, 5579, 5337, 5283, 5496, 5590, 5292, 5453, 5452, 5645, 5710, 5527, 5526, 5477, 5550, 5611, 5724, 5556, 5562, 5331, 5441, 5618, 5312, 5281, 5302, 5425, 5470, 5410, 5577, 5684, 5484, 5510, 5398, 5538, 5583, 5508, 5374, 5351, 5571, 5404, 5555, 5309, 5319, 5275, 5480, 5636, 5361, 5313, 5268, 5651, 5259, 5479, 5433, 5423, 5353, 5581, 5435, 5715, 5270, 5438, 5701, 5634, 5327, 5613, 5321, 5298, 5269, 5660, 5551, 5630, 5536, 5513, 5301, 5632, 5497, 5604, 5260, 5266, 5662, 5478, 5262, 5343, 5679, 5445 (2 hits) (11/22/2011 04:05:43 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
27	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5553, 5369, 5441, 5538, 5603, 5377, 5392, 5512, 5457, 5665, 5267, 5468, 5459, 5453, 5671, 5407, 5703, 5657, 5541, 5265, 5417, 5360, 5351, 5692, 5347, 5549, 5443, 5613, 5409, 5689, 5329, 5517, 5545, 5433, 5590, 5424, 5282, 5298, 5636, 5456, 5679, 5333, 5251, 5531, 5416, 5364, 5718, 5331, 5610, 5505, 5640, 5432, 5343, 5571, 5561, 5581, 5658, 5346, 5328, 5472, 5650, 5390, 5558, 5680, 5488, 5368, 5707, 5322, 5619, 5297, 5372, 5374, 5458, 5506, 5559, 5677, 5311, 5597, 5273, 5563, 5440, 5287, 5466, 5430, 5437, 5608, 5286, 5460, 5255, 5300, 5700, 5454, 5411, 5391, 5693, 5361, 5484, 5276, 5406, 5326 (2 hits) (11/22/2011 04:05:53 PM)
28	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5661, 5672, 5266, 5392, 5305, 5495, 5594, 5422, 5452, 5637, 5520, 5683, 5647, 5406, 5586, 5470, 5270, 5532, 5605, 5340, 5276, 5578, 5589, 5516, 5354, 5693, 5433, 5394, 5321, 5685, 5386, 5267, 5524, 5361, 5597, 5455, 5300, 5682, 5529, 5462, 5662, 5288, 5623, 5441, 5309, 5390, 5416, 5695, 5329, 5613, 5450, 5385, 5344, 5323, 5256, 5607, 5382, 5558, 5426, 5606, 5370, 5689, 5535, 5530, 5282, 5640, 5445, 5265, 5635, 5335, 5472, 5584, 5427, 5348, 5573, 5477, 5653, 5548, 5688, 5496, 5325, 5598, 5303, 5699, 5527, 5296, 5364, 5350, 5423, 5571, 5299, 5710, 5484, 5716, 5261, 5638, 5434, 5610, 5499, 5525 (3 hits) (11/22/2011 04:06:10 PM)

Table 12 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
29	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5655, 5549, 5702, 5471, 5447, 5376, 5398, 5473, 5267, 5300, 5675, 5335, 5567, 5472, 5629, 5297, 5440, 5595, 5693, 5336, 5632, 5656, 5326, 5641, 5452, 5500, 5517, 5484, 5355, 5402, 5395, 5462, 5377, 5305, 5686, 5341, 5676, 5304, 5269, 5580, 5592, 5614, 5541, 5405, 5303, 5554, 5374, 5721, 5609, 5469, 5425, 5370, 5325, 5431, 5704, 5708, 5644, 5286, 5444, 5332, 5321, 5699, 5409, 5648, 5715, 5696, 5634, 5516, 5558, 5569, 5487, 5411, 5439, 5564, 5685, 5354, 5619, 5282, 5647, 5383, 5642, 5506, 5594, 5622, 5322, 5316, 5289, 5607, 5538, 5348, 5720, 5503, 5252, 5533, 5610, 5628, 5548, 5700, 5406, 5645 (3 hits) (11/22/2011 04:06:29 PM)
30	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5542, 5621, 5691, 5328, 5682, 5259, 5418, 5586, 5685, 5718, 5622, 5340, 5291, 5355, 5354, 5501, 5626, 5671, 5680, 5264, 5608, 5655, 5326, 5684, 5302, 5467, 5351, 5725, 5564, 5699, 5524, 5430, 5403, 5271, 5380, 5254, 5441, 5464, 5363, 5676, 5329, 5300, 5275, 5652, 5505, 5705, 5531, 5571, 5393, 5525, 5472, 5559, 5488, 5311, 5276, 5694, 5306, 5433, 5590, 5523, 5466, 5701, 5601, 5636, 5508, 5288, 5263, 5697, 5437, 5292, 5468, 5643, 5446, 5614, 5534, 5427, 5396, 5494, 5638, 5616, 5612, 5455, 5573, 5726, 5265, 5526, 5602, 5278, 5645, 5686, 5431, 5596, 5688, 5578, 5707, 5574, 5347, 5659, 5702, 5722 (3 hits) (11/22/2011 04:06:37 PM)

Table 13 - Long Sequence Waveform Summary VAP2400 rev2.0, n20		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5500.0MHz, -64.0dBm
Trial #2	NOT Detected	5495.0MHz, -64.0dBm
Trial #3	Detected	5500.0MHz, -64.0dBm

Table 13 - Long Sequence Waveform Summary VAP2400 rev2.0, n20		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #4	Detected	5495.0MHz, -64.0dBm
Trial #5	NOT Detected	5500.0MHz, -64.0dBm
Trial #6	Detected	5495.0MHz, -64.0dBm
Trial #7	Detected	5500.0MHz, -64.0dBm
Trial #8	Detected	5495.0MHz, -64.0dBm
Trial #9	Detected	5500.0MHz, -64.0dBm
Trial #10	NOT Detected	5495.0MHz, -64.0dBm
Trial #11	Detected	5500.0MHz, -64.0dBm
Trial #12	Detected	5495.0MHz, -64.0dBm
Trial #13	Detected	5500.0MHz, -64.0dBm
Trial #14	Detected	5495.0MHz, -64.0dBm
Trial #15	Detected	5500.0MHz, -64.0dBm
Trial #16	Detected	5495.0MHz, -64.0dBm
Trial #17	Detected	5500.0MHz, -64.0dBm
Trial #18	Detected	5495.0MHz, -64.0dBm
Trial #19	Detected	5500.0MHz, -64.0dBm
Trial #20	Detected	5495.0MHz, -64.0dBm
Trial #21	Detected	5500.0MHz, -64.0dBm
Trial #22	Detected	5495.0MHz, -64.0dBm
Trial #23	Detected	5500.0MHz, -64.0dBm
Trial #24	Detected	5495.0MHz, -64.0dBm
Trial #25	Detected	5500.0MHz, -64.0dBm
Trial #26	Detected	5495.0MHz, -64.0dBm
Trial #27	Detected	5500.0MHz, -64.0dBm
Trial #28	NOT Detected	5495.0MHz, -64.0dBm
Trial #29	Detected	5500.0MHz, -64.0dBm
Trial #30	Detected	5495.0MHz, -64.0dBm

Table 14 - VAP2400 rev2.0, n20 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	3	60.9	14	1594.0	1210.0	0.791348
2	2	69.0	13	1169.0	-	1.529150
3	2	62.6	6	1615.0	-	2.164340
4	1	93.0	12	-	-	2.588178
5	2	99.8	16	1997.0	-	3.593808
6	2	74.1	13	1769.0	-	4.466697
7	3	93.6	16	1856.0	1637.0	5.059637
8	2	94.8	14	1003.0	-	5.998666
9	2	62.7	16	1163.0	-	6.491862
10	1	77.4	6	-	-	7.880364
11	3	89.4	15	1392.0	1988.0	8.063666
12	1	89.0	6	-	-	9.219479
13	2	61.7	14	1103.0	-	10.041090
14	2	92.7	15	1872.0	-	10.735919
15	1	56.6	16	-	-	11.592843

Table 15 - VAP2400 rev2.0, n20 Long Sequence Waveform Trial#2 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	67.4	16	1175.0	-	0.017221
2	3	64.3	8	1670.0	1040.0	0.940042
3	2	72.9	20	1664.0	-	1.751292
4	3	54.2	16	1094.0	1473.0	3.098219
5	1	68.0	16	-	-	3.223244
6	2	60.8	13	1886.0	-	4.411531
7	1	71.0	20	-	-	5.181579
8	2	56.0	9	1631.0	-	5.919439
9	2	54.3	14	1600.0	-	7.095433
10	2	63.4	17	1493.0	-	7.936022
11	2	82.2	15	1405.0	-	8.795629
12	2	85.2	8	1582.0	-	9.209477
13	2	97.5	19	1296.0	-	10.004534
14	2	94.5	6	1220.0	-	10.966997
15	1	82.8	5	-	-	11.224359

Table 16 - VAP2400 rev2.0, n20 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	66.5	10	-	-	0.534258
2	2	89.6	18	1962.0	-	2.204082
3	3	65.5	11	1266.0	1147.0	3.830508
4	3	65.3	8	1490.0	1983.0	4.734097
5	2	95.1	12	1845.0	-	6.300781
6	3	75.8	7	1518.0	1669.0	6.688167
7	2	51.1	14	1211.0	-	9.241494
8	1	60.5	9	-	-	9.375501
9	1	97.5	17	-	-	11.285790

Table 17 - VAP2400 rev2.0, n20 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	99.7	10	1511.0	-	0.701196
2	2	98.6	15	1445.0	-	1.187235
3	2	88.8	14	1002.0	-	2.154924
4	1	52.4	15	-	-	3.086452
5	1	52.1	12	-	-	3.456992
6	3	87.9	6	1082.0	1500.0	4.228818
7	3	75.8	17	1123.0	1470.0	4.984456
8	3	86.7	5	1168.0	1410.0	6.274058
9	3	69.5	15	1740.0	1186.0	7.048244
10	2	68.7	6	1394.0	-	7.354181
11	2	74.2	9	1143.0	-	8.632336
12	2	51.1	18	1364.0	-	9.012691
13	2	68.8	6	1126.0	-	9.738908
14	2	64.2	8	1819.0	-	10.810825
15	1	77.3	17	-	-	11.393574

Table 18 - VAP2400 rev2.0, n20 Long Sequence Waveform Trial#5 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	66.0	7	-	-	1.393060
2	2	88.0	11	1440.0	-	2.463474
3	2	54.4	6	1709.0	-	4.203309
4	3	55.7	15	1825.0	1760.0	5.534989
5	1	84.6	20	-	-	6.249086
6	1	79.9	13	-	-	8.299972
7	2	74.2	16	1599.0	-	9.899357
8	2	68.5	9	1435.0	-	11.507511

Table 19 - VAP2400 rev2.0, n20 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	98.4	18	1010.0	-	0.976735
2	1	77.3	14	-	-	1.835769
3	3	89.5	9	1825.0	1950.0	2.069159
4	2	61.5	14	1237.0	-	3.513317
5	3	99.6	6	1477.0	1635.0	4.449105
6	1	92.9	16	-	-	5.921164
7	3	82.0	19	1541.0	1991.0	6.722535
8	3	94.3	16	1950.0	1758.0	7.101718
9	2	63.1	9	1709.0	-	8.502999
10	3	53.9	13	1718.0	1422.0	9.175369
11	2	86.9	11	1022.0	-	10.273940
12	1	56.6	8	-	-	11.760007

Table 20 - VAP2400 rev2.0, n20 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	83.4	15	1953.0	-	0.173204
2	2	54.6	6	1602.0	-	1.166456
3	2	79.6	15	1550.0	-	1.775931
4	2	60.0	7	1805.0	-	2.584462

Table 20 - VAP2400 rev2.0, n20 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)
5	2	66.0	17	1693.0	-	3.732559
6	2	84.4	9	1556.0	-	4.654089
7	2	77.3	13	1810.0	-	5.313970
8	1	50.5	17	-	-	6.349433
9	1	55.3	12	-	-	7.176479
10	2	86.5	13	1180.0	-	8.080686
11	2	91.5	18	1090.0	-	9.079084
12	1	69.6	9	-	-	9.488472
13	2	90.7	18	1938.0	-	11.052797
14	2	62.5	8	1946.0	-	11.957090

Table 21 - VAP2400 rev2.0, n20 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	64.5	14	1511.0	-	0.705557
2	1	91.7	17	-	-	0.865825
3	3	70.7	13	1697.0	1396.0	1.856767
4	2	51.7	13	1069.0	-	2.469252
5	1	78.4	19	-	-	3.281481
6	3	59.3	14	1938.0	1632.0	4.039431
7	2	90.2	8	1669.0	-	5.035863
8	1	79.4	11	-	-	5.794776
9	2	98.0	5	1859.0	-	6.815528
10	2	67.5	14	1676.0	-	7.325993
11	1	74.7	7	-	-	8.609378
12	2	93.3	6	1871.0	-	9.276516
13	2	52.9	16	1468.0	-	9.898438
14	2	65.4	16	1288.0	-	10.444980
15	1	71.4	18	-	-	11.427237

Table 22 - VAP2400 rev2.0, n20 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	1	53.7	10	-	-	0.469162
2	3	58.5	19	1196.0	1452.0	0.964705
3	3	68.4	7	1094.0	1550.0	2.113924
4	2	77.0	18	1452.0	-	2.510368
5	3	95.4	9	1714.0	1999.0	3.095922
6	1	51.1	18	-	-	4.139005
7	3	50.6	5	1588.0	1848.0	4.921526
8	3	79.5	8	1569.0	1065.0	5.288451
9	2	61.2	17	1917.0	-	5.654228
10	2	86.2	19	1416.0	-	6.837014
11	2	66.8	13	1404.0	-	7.536185
12	2	85.4	11	1509.0	-	7.789683
13	1	98.9	17	-	-	8.701658
14	2	97.3	9	1242.0	-	9.396191
15	1	84.0	15	-	-	10.188256
16	2	72.0	16	1207.0	-	11.138485
17	3	71.9	11	1307.0	1485.0	11.676850

Table 23 - VAP2400 rev2.0, n20 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	1	69.2	11	-	-	0.192938
2	3	71.3	7	1749.0	1283.0	2.020167
3	2	66.2	17	1732.0	-	2.888897
4	2	89.6	10	1208.0	-	4.116624
5	1	83.8	15	-	-	5.230109
6	1	58.5	19	-	-	6.297232
7	1	97.3	8	-	-	8.374884
8	3	63.0	17	1733.0	1752.0	9.456286
9	2	90.8	20	1087.0	-	10.054630
10	3	75.8	12	1511.0	1116.0	11.263879

Table 24 - VAP2400 rev2.0, n20 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	85.0	14	-	-	0.380815
2	1	87.2	15	-	-	2.472499
3	2	68.8	18	1117.0	-	3.179679
4	2	63.6	17	1929.0	-	5.399226
5	2	99.8	9	1379.0	-	6.913304
6	2	73.2	18	1974.0	-	8.381108
7	2	88.3	18	1868.0	-	10.142655
8	2	53.8	5	1280.0	-	10.722334

Table 25 - VAP2400 rev2.0, n20 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	2	89.6	13	1569.0	-	1.392161
2	2	89.5	9	1819.0	-	2.619348
3	2	76.9	17	1579.0	-	3.173219
4	2	70.8	10	1276.0	-	5.964777
5	2	60.9	16	1504.0	-	6.155407
6	1	89.9	5	-	-	8.892094
7	2	79.9	11	1419.0	-	10.211094
8	3	97.6	6	1328.0	1436.0	10.590474

Table 26 - VAP2400 rev2.0, n20 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	68.6	11	1344.0	-	0.483034
2	3	56.3	14	1130.0	1017.0	1.209906
3	2	84.5	17	1152.0	-	2.180689
4	2	56.3	17	1937.0	-	2.992375
5	2	88.0	19	1838.0	-	3.231623
6	2	80.6	15	1501.0	-	4.205326
7	1	77.0	8	-	-	4.514826
8	2	79.5	8	1295.0	-	5.720688
9	2	84.0	14	1208.0	-	6.099566
10	2	64.5	9	1849.0	-	7.170172

Table 26 - VAP2400 rev2.0, n20 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)
11	3	68.2	15	1211.0	1913.0	8.085990
12	3	51.8	16	1229.0	1521.0	8.332818
13	3	70.4	19	1626.0	1912.0	9.576504
14	2	66.1	10	1446.0	-	9.853721
15	1	51.1	19	-	-	10.846717
16	2	56.1	16	1019.0	-	11.720346

Table 27 - VAP2400 rev2.0, n20 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	51.8	15	-	-	0.386134
2	2	73.2	9	1629.0	-	2.150180
3	2	70.8	11	1130.0	-	3.508315
4	2	95.9	19	1155.0	-	4.166112
5	1	70.7	19	-	-	5.972552
6	1	60.6	13	-	-	6.415393
7	3	98.9	13	1675.0	1598.0	8.116014
8	2	71.2	13	1292.0	-	8.614012
9	2	58.2	11	1766.0	-	10.521802
10	1	67.6	12	-	-	11.806468

Table 28 - VAP2400 rev2.0, n20 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	2	81.6	13	1573.0	-	0.703449
2	2	94.5	17	1177.0	-	1.367558
3	1	94.6	19	-	-	1.447363
4	1	77.3	19	-	-	2.239422
5	1	59.7	7	-	-	3.395244
6	3	69.2	5	1138.0	1608.0	3.538288
7	3	88.5	14	1855.0	1170.0	4.342805
8	1	97.6	18	-	-	5.383213
9	2	98.7	13	1514.0	-	6.200978
10	1	89.2	19	-	-	6.475994
11	2	86.5	18	1551.0	-	7.329564
12	2	64.1	11	1049.0	-	8.014068
13	2	70.4	16	1657.0	-	8.578396
14	3	75.9	12	1819.0	1221.0	9.709460
15	2	51.7	15	1742.0	-	9.911163
16	3	99.1	8	1595.0	1252.0	10.790373
17	1	80.9	15	-	-	11.698981

Table 29 - VAP2400 rev2.0, n20 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	3	83.4	7	1125.0	1040.0	0.695426
2	1	86.7	13	-	-	1.864415
3	3	65.9	11	1806.0	1918.0	2.897271
4	3	79.0	16	1724.0	1813.0	3.974907

Table 29 - VAP2400 rev2.0, n20 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)
5	2	56.4	7	1110.0	-	5.986280
6	1	84.7	19	-	-	6.259826
7	2	84.2	6	1544.0	-	7.833305
8	1	85.3	5	-	-	9.346177
9	2	90.7	18	1631.0	-	10.250308
10	1	88.2	5	-	-	11.191149

Table 30 - VAP2400 rev2.0, n20 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	2	74.4	12	1937.0	-	0.399484
2	2	90.0	18	1807.0	-	0.965950
3	3	87.8	18	1228.0	1738.0	2.050594
4	2	64.0	11	1129.0	-	2.277217
5	1	90.3	10	-	-	3.258116
6	3	58.8	16	1272.0	1520.0	3.990468
7	2	51.4	19	1390.0	-	4.681786
8	3	92.3	16	1351.0	1603.0	5.568286
9	3	89.1	18	1168.0	1017.0	6.484658
10	1	83.2	12	-	-	6.882799
11	1	64.5	6	-	-	7.622272
12	2	82.9	6	1902.0	-	8.590394
13	1	51.0	17	-	-	9.663909
14	2	53.8	16	1879.0	-	10.256367
15	2	68.6	8	1794.0	-	10.664934
16	2	60.5	14	1001.0	-	11.663524

Table 31 - VAP2400 rev2.0, n20 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	94.5	6	1897.0	-	0.301197
2	2	84.1	13	1494.0	-	1.303737
3	2	50.4	20	1452.0	-	2.766779
4	1	53.9	8	-	-	3.408800
5	2	93.2	13	1130.0	-	5.443507
6	2	59.7	10	1661.0	-	6.257342
7	1	55.6	18	-	-	7.411811
8	2	64.9	18	1864.0	-	8.257590
9	1	76.3	11	-	-	9.014241
10	3	68.8	16	1244.0	1182.0	9.870972
11	1	90.3	12	-	-	11.983481

Table 32 - VAP2400 rev2.0, n20 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	95.0	5	1935.0	-	0.016786
2	1	89.4	11	-	-	1.052011
3	2	82.3	13	1726.0	-	1.562716
4	3	84.2	8	1068.0	1539.0	2.757256

Table 32 - VAP2400 rev2.0, n20 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)
5	3	72.0	10	1152.0	1543.0	3.168855
6	2	66.9	14	1463.0	-	3.922011
7	3	88.6	9	1271.0	1256.0	4.539077
8	1	78.1	7	-	-	5.029482
9	3	65.8	13	1433.0	1785.0	6.241767
10	3	70.2	9	1202.0	1710.0	6.914249
11	2	73.2	19	1103.0	-	7.459499
12	3	69.5	8	1186.0	1002.0	8.029952
13	2	95.0	12	1982.0	-	9.137783
14	2	52.5	20	1401.0	-	9.324126
15	2	65.0	6	1105.0	-	9.952399
16	1	99.6	15	-	-	11.260937
17	3	85.8	10	1843.0	1877.0	11.601508

Table 33 - VAP2400 rev2.0, n20 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	1	90.7	16	-	-	0.541618
2	1	85.5	14	-	-	1.620484
3	2	99.9	15	1377.0	-	2.785439
4	2	71.7	6	1515.0	-	4.880539
5	1	87.5	12	-	-	6.415134
6	1	62.2	5	-	-	6.788123
7	1	95.5	15	-	-	8.511662
8	2	76.1	5	1943.0	-	10.507372
9	2	82.2	15	1930.0	-	10.799710

Table 34 - VAP2400 rev2.0, n20 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	98.9	19	-	-	0.346699
2	2	76.9	13	1935.0	-	0.826478
3	3	50.9	13	1197.0	1263.0	1.336482
4	1	89.2	6	-	-	1.972785
5	1	90.4	8	-	-	2.571076
6	3	82.3	20	1244.0	1818.0	3.436686
7	1	58.5	19	-	-	3.667302
8	2	83.6	15	1862.0	-	4.225446
9	1	71.3	17	-	-	5.200245
10	2	83.4	5	1896.0	-	5.537362
11	1	59.9	18	-	-	6.047264
12	2	50.1	14	1051.0	-	7.002148
13	3	96.8	19	1156.0	1975.0	7.621562
14	2	75.4	8	1691.0	-	8.100976
15	2	84.8	20	1169.0	-	8.614438
16	3	85.0	16	1871.0	1553.0	9.511663
17	3	55.0	7	1377.0	1984.0	9.637326
18	1	90.3	7	-	-	10.340417
19	1	94.1	10	-	-	11.125451
20	2	90.5	8	1103.0	-	11.942813

Table 35 - VAP2400 rev2.0, n20 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	51.1	17	1342.0	-	0.288769
2	2	67.6	14	1128.0	-	0.846108
3	2	63.8	10	1124.0	-	1.481469
4	1	86.7	6	-	-	2.300966
5	1	60.5	17	-	-	2.507421
6	2	77.3	11	1026.0	-	3.382303
7	2	55.4	16	1552.0	-	3.942128
8	2	69.5	13	1967.0	-	4.719368
9	2	83.5	5	1538.0	-	5.277160
10	1	53.7	6	-	-	5.781770
11	2	56.0	19	1778.0	-	6.279445
12	2	98.9	5	1603.0	-	6.901892
13	2	76.0	19	1939.0	-	7.360840
14	2	99.4	15	1225.0	-	7.985304
15	2	98.9	20	1998.0	-	8.991782
16	2	81.5	14	1093.0	-	9.242067
17	2	54.3	11	1433.0	-	9.795198
18	3	85.8	14	1998.0	1920.0	10.757596
19	2	52.3	10	1405.0	-	10.897655
20	2	64.6	10	1967.0	-	11.400073

Table 36 - VAP2400 rev2.0, n20 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	56.9	19	1546.0	-	0.915477
2	1	97.2	18	-	-	1.198916
3	3	55.7	10	1827.0	1047.0	2.394620
4	3	82.2	9	1695.0	1150.0	3.688533
5	3	61.7	18	1959.0	1010.0	4.553987
6	1	58.8	13	-	-	5.864747
7	2	99.8	16	1151.0	-	6.932205
8	1	87.8	6	-	-	7.749098
9	3	94.2	18	1294.0	1592.0	8.996725
10	1	69.7	20	-	-	9.033628
11	2	55.2	6	1747.0	-	10.685594
12	1	71.4	19	-	-	11.136368

Table 37 - VAP2400 rev2.0, n20 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	2	94.5	13	1770.0	-	0.523303
2	2	73.3	12	1598.0	-	1.167416
3	2	69.7	7	1901.0	-	2.066298
4	2	88.3	8	1415.0	-	3.801049
5	1	73.5	15	-	-	4.336440
6	2	72.5	19	1681.0	-	5.860157
7	3	66.0	16	1680.0	1173.0	6.217842
8	3	79.3	13	1059.0	1426.0	7.016213
9	2	70.5	8	1325.0	-	8.198723

Table 37 - VAP2400 rev2.0, n20 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)
10	2	68.7	15	1930.0	-	9.991132
11	1	90.7	9	-	-	10.654537
12	2	95.6	16	1188.0	-	11.419588

Table 38 - VAP2400 rev2.0, n20 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	82.1	19	1082.0	-	1.106187
2	2	68.2	10	1599.0	-	1.982776
3	3	71.4	18	1116.0	1732.0	3.386318
4	2	52.7	9	1314.0	-	3.768090
5	2	91.3	14	1673.0	-	5.006759
6	2	72.3	15	1609.0	-	6.005383
7	3	50.8	10	1778.0	1192.0	7.532625
8	1	68.0	8	-	-	8.611860
9	2	93.9	19	1086.0	-	9.845806
10	2	54.7	12	1973.0	-	11.585865

Table 39 - VAP2400 rev2.0, n20 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	67.9	11	1708.0	-	0.902987
2	3	76.6	7	1353.0	1099.0	1.374742
3	3	54.6	17	1683.0	1897.0	2.692754
4	3	53.5	12	1849.0	1376.0	3.763226
5	2	97.7	19	1719.0	-	4.006714
6	1	99.5	5	-	-	5.529218
7	1	64.4	12	-	-	6.878428
8	1	54.1	6	-	-	7.745475
9	2	79.2	17	1003.0	-	8.791602
10	3	68.0	14	1008.0	1158.0	9.465743
11	2	66.5	11	1544.0	-	10.121559
12	3	80.5	18	1433.0	1403.0	11.778421

Table 40 - VAP2400 rev2.0, n20 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	55.2	16	1076.0	-	0.010983
2	2	91.3	16	1509.0	-	0.900509
3	2	52.3	5	1711.0	-	2.096806
4	1	91.3	5	-	-	2.645368
5	2	55.6	7	1363.0	-	3.010004
6	3	90.6	5	1545.0	1739.0	4.242306
7	2	98.9	5	1740.0	-	5.099044
8	1	73.6	18	-	-	5.834076
9	2	89.3	10	1531.0	-	6.711281
10	2	57.2	14	1838.0	-	6.758823
11	1	60.1	12	-	-	7.847037
12	1	91.6	17	-	-	8.252404

Table 40 - VAP2400 rev2.0, n20 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)
13	2	65.4	18	1599.0	-	9.431313
14	2	55.5	17	1737.0	-	10.090017
15	2	82.4	7	1054.0	-	10.810435
16	3	51.4	7	1037.0	1266.0	11.407246

Table 41 - VAP2400 rev2.0, n20 Long Sequence Waveform Trial#28 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	1	67.5	19	-	-	0.557878
2	2	87.9	9	1037.0	-	2.662629
3	3	65.8	9	1386.0	1871.0	3.124839
4	3	61.7	10	1865.0	1608.0	5.283285
5	2	52.0	17	1605.0	-	6.323304
6	3	62.8	10	1400.0	1068.0	7.980987
7	1	88.8	11	-	-	9.195588
8	2	64.8	15	1869.0	-	10.441126
9	2	92.8	18	1059.0	-	11.591233

Table 42 - VAP2400 rev2.0, n20 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	1	73.6	18	-	-	0.118337
2	2	66.1	12	1029.0	-	1.091778
3	3	65.8	15	1207.0	1460.0	1.343146
4	3	99.1	15	1977.0	1805.0	1.972517
5	2	65.0	13	1556.0	-	2.746878
6	1	90.9	7	-	-	3.595905
7	3	92.9	13	1637.0	1804.0	3.817916
8	2	52.0	10	1282.0	-	4.229151
9	2	80.3	18	1854.0	-	4.842760
10	1	64.4	14	-	-	5.519650
11	2	93.0	8	1442.0	-	6.594450
12	2	69.3	9	1900.0	-	6.937958
13	2	78.4	18	1817.0	-	7.725486
14	2	63.5	16	1492.0	-	8.213222
15	1	56.9	12	-	-	8.901848
16	3	58.7	7	1225.0	1314.0	9.156427
17	2	68.8	6	1211.0	-	9.624796
18	3	70.5	17	1801.0	1959.0	10.567423
19	2	87.6	13	1098.0	-	10.840814
20	2	69.1	6	1688.0	-	11.498874

Table 43 - VAP2400 rev2.0, n20 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	85.6	14	1690.0	-	0.749092
2	3	88.3	14	1932.0	1922.0	2.094725
3	3	67.4	5	1083.0	1211.0	3.284167
4	1	94.0	6	-	-	3.845828

Table 43 - VAP2400 rev2.0, n20 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)
5	1	87.6	15	-	-	5.336781
6	1	79.9	12	-	-	7.017810
7	1	94.3	18	-	-	8.257915
8	2	74.8	19	1586.0	-	9.458554
9	2	51.7	7	1742.0	-	9.915123
10	2	50.1	10	1351.0	-	11.276891

Table 44 - VAP2400 rev2.0, n40 Detection Bandwidth Measurements (Bandwidth: +16MHz /-16MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	0	3	0
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100

Table 44 - VAP2400 rev2.0, n40 Detection Bandwidth Measurements (Bandwidth: +16MHz /-16MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5517.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5518.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5519.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5521.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5522.00 MHz	10	0	100

Table 44 - VAP2400 rev2.0, n40 Detection Bandwidth Measurements (Bandwidth: +16MHz /-16MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5523.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5524.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5525.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5526.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5527.00 MHz	0	3	0

Table 45 - Summary of All Results - VAP2400 rev2.0, n40				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	80.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	83.3 %	60.0 %	30	PASSED
Aggregate of above results	89.2 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	84.8 %	70.0 %	33	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED

Table 46 - FCC Short Pulse Radar (Type 1) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:12:28 AM)
2	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:13:09 AM)
3	18	1.0	1428.0	No	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:13:22 AM)
4	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:13:40 AM)
5	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:13:49 AM)
6	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:14:01 AM)
7	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:14:18 AM)
8	18	1.0	1428.0	No	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:14:30 AM)
9	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:14:41 AM)

Table 46 - FCC Short Pulse Radar (Type 1) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
10	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:14:51 AM)
11	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:14:59 AM)
12	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:15:07 AM)
13	18	1.0	1428.0	No	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:15:19 AM)
14	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:15:40 AM)
15	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:15:52 AM)
16	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:16:04 AM)
17	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:16:15 AM)
18	18	1.0	1428.0	No	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:16:23 AM)
19	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:16:36 AM)
20	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:16:44 AM)
21	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:16:52 AM)
22	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:17:02 AM)
23	18	1.0	1428.0	No	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:17:11 AM)
24	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:17:26 AM)
25	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:17:34 AM)
26	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:17:44 AM)
27	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:17:56 AM)
28	18	1.0	1428.0	No	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:18:04 AM)
29	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:18:18 AM)
30	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:18:26 AM)

Table 47 - FCC Short Pulse Radar (Type 2) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	27	1.1	216.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:40:37 AM)
2	29	2.3	156.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:40:49 AM)
3	28	2.7	157.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:40:58 AM)

Table 47 - FCC Short Pulse Radar (Type 2) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
4	28	1.4	180.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:41:07 AM)
5	26	2.9	200.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:41:22 AM)
6	25	2.4	227.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:41:54 AM)
7	28	3.2	151.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:42:40 AM)
8	28	2.0	198.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:43:45 AM)
9	29	3.6	190.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:44:18 AM)
10	27	4.9	216.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:44:55 AM)
11	28	1.2	156.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:45:29 AM)
12	28	4.7	187.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:45:44 AM)
13	24	1.8	213.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:45:58 AM)
14	23	1.5	174.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:46:20 AM)
15	23	3.9	181.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:47:23 AM)
16	24	4.6	215.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:47:37 AM)
17	26	2.6	217.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:47:47 AM)
18	26	4.6	224.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:48:01 AM)
19	26	1.4	214.0	No	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:48:11 AM)
20	24	3.6	156.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:48:33 AM)
21	24	3.3	154.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:48:48 AM)
22	25	2.8	209.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:48:57 AM)
23	24	3.0	212.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:49:10 AM)
24	29	2.5	185.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:49:20 AM)
25	29	4.7	230.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:49:30 AM)
26	26	3.5	194.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:49:39 AM)
27	25	3.5	228.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:49:47 AM)
28	25	1.5	219.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:49:56 AM)
29	27	2.0	196.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:50:06 AM)
30	28	1.5	214.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:50:15 AM)

Table 48 - FCC Short Pulse Radar (Type 3) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	9.9	364.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:51:47 AM)
2	17	6.2	454.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:52:01 AM)
3	16	6.9	484.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:52:14 AM)
4	17	7.1	213.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:52:22 AM)
5	17	7.1	312.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:52:31 AM)
6	16	7.1	425.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:52:39 AM)
7	17	8.3	412.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:52:48 AM)
8	17	9.4	345.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:53:04 AM)
9	18	6.9	350.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:53:20 AM)
10	17	9.8	362.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:53:38 AM)
11	17	9.6	289.0	No	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:53:48 AM)
12	17	6.1	408.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:54:06 AM)
13	16	8.5	250.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:54:15 AM)
14	17	6.4	453.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:54:27 AM)
15	17	7.1	374.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:54:39 AM)
16	17	10.0	209.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:54:49 AM)
17	18	6.5	461.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:54:58 AM)
18	16	9.4	273.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:55:07 AM)
19	18	8.1	333.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:55:15 AM)
20	17	8.0	319.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:55:23 AM)
21	17	6.2	417.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:55:35 AM)
22	16	7.3	247.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:55:44 AM)
23	17	9.5	245.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:55:53 AM)
24	16	7.9	264.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:56:01 AM)
25	18	8.6	367.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:56:12 AM)
26	18	9.5	425.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:56:45 AM)

Table 48 - FCC Short Pulse Radar (Type 3) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
27	17	9.6	498.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:57:01 AM)
28	17	9.1	355.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:57:13 AM)
29	18	8.8	390.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:57:29 AM)
30	18	8.5	361.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:57:37 AM)

Table 49 - FCC Short Pulse Radar (Type 4) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	15	12.4	209.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:58:36 AM)
2	15	19.8	461.0	No	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:58:53 AM)
3	14	13.8	333.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 10:59:06 AM)
4	13	11.4	414.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 10:59:14 AM)
5	14	17.5	434.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 10:59:31 AM)
6	14	12.8	317.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 10:59:40 AM)
7	13	11.5	406.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 10:59:49 AM)
8	14	17.3	355.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 11:00:03 AM)
9	16	18.0	211.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 11:00:17 AM)
10	14	17.2	457.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 11:00:30 AM)
11	13	16.3	413.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 11:00:38 AM)
12	16	14.3	240.0	No	5505.0MHz, -64.0dBm	Single burst (11/22/2011 11:00:46 AM)
13	12	13.8	361.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 11:00:58 AM)
14	12	16.0	447.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 11:01:09 AM)
15	14	16.8	336.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 11:01:19 AM)
16	15	14.9	242.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 11:01:29 AM)
17	15	15.0	201.0	No	5505.0MHz, -64.0dBm	Single burst (11/22/2011 11:01:41 AM)
18	13	14.0	264.0	No	5500.0MHz, -64.0dBm	Single burst (11/22/2011 11:01:51 AM)
19	13	18.4	402.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 11:02:08 AM)
20	14	13.9	313.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 11:02:31 AM)

Table 49 - FCC Short Pulse Radar (Type 4) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	15	18.7	236.0	No	5510.0MHz, -64.0dBm	Single burst (11/22/2011 11:02:43 AM)
22	14	19.7	465.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 11:03:10 AM)
23	15	17.0	468.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 11:03:22 AM)
24	13	18.1	297.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 11:03:31 AM)
25	14	18.0	461.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 11:03:47 AM)
26	12	14.4	400.0	Yes	5510.0MHz, -64.0dBm	Single burst (11/22/2011 11:03:56 AM)
27	13	15.4	492.0	Yes	5505.0MHz, -64.0dBm	Single burst (11/22/2011 11:04:08 AM)
28	13	11.3	216.0	Yes	5500.0MHz, -64.0dBm	Single burst (11/22/2011 11:04:24 AM)
29	16	16.9	386.0	Yes	5520.0MHz, -64.0dBm	Single burst (11/22/2011 11:04:35 AM)
30	15	11.3	314.0	Yes	5515.0MHz, -64.0dBm	Single burst (11/22/2011 11:04:49 AM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5525.0MHz, -64.0dBm	Hop sequence: 5390, 5286, 5415, 5602, 5409, 5473, 5494, 5592, 5300, 5621, 5437, 5530, 5280, 5636, 5479, 5506, 5497, 5384, 5687, 5315, 5635, 5619, 5575, 5428, 5713, 5546, 5302, 5609, 5487, 5605, 5691, 5634, 5365, 5453, 5623, 5710, 5387, 5528, 5706, 5398, 5304, 5476, 5700, 5484, 5625, 5538, 5483, 5406, 5647, 5462, 5383, 5477, 5277, 5694, 5467, 5389, 5322, 5651, 5586, 5262, 5488, 5559, 5273, 5630, 5472, 5299, 5563, 5502, 5565, 5561, 5485, 5278, 5633, 5529, 5420, 5321, 5447, 5640, 5471, 5657, 5511, 5718, 5606, 5388, 5496, 5673, 5646, 5594, 5679, 5320, 5611, 5598, 5629, 5340, 5537, 5349, 5714, 5404, 5541, 5543 (6 hits) (11/22/2011 01:54:26 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
2	9	1.0	333.0	No	5526.0MHz, -64.0dBm	Hop sequence: 5697, 5264, 5295, 5599, 5498, 5416, 5359, 5475, 5319, 5335, 5437, 5372, 5685, 5445, 5292, 5455, 5609, 5665, 5615, 5563, 5464, 5279, 5515, 5260, 5716, 5620, 5297, 5401, 5390, 5526, 5330, 5317, 5296, 5536, 5332, 5590, 5565, 5703, 5459, 5489, 5511, 5386, 5632, 5259, 5482, 5422, 5695, 5436, 5457, 5352, 5611, 5470, 5444, 5698, 5673, 5473, 5399, 5300, 5357, 5311, 5627, 5689, 5670, 5721, 5624, 5544, 5584, 5583, 5349, 5321, 5600, 5656, 5453, 5343, 5353, 5570, 5518, 5285, 5557, 5447, 5480, 5360, 5603, 5682, 5521, 5571, 5493, 5501, 5617, 5562, 5531, 5286, 5417, 5567, 5551, 5324, 5344, 5395, 5272, 5358 (7 hits) (11/22/2011 01:54:41 PM)
3	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5285, 5421, 5513, 5312, 5631, 5344, 5333, 5601, 5493, 5287, 5582, 5635, 5416, 5556, 5678, 5460, 5629, 5659, 5502, 5583, 5469, 5620, 5335, 5713, 5382, 5299, 5599, 5544, 5604, 5595, 5420, 5266, 5647, 5466, 5259, 5703, 5336, 5428, 5591, 5474, 5616, 5465, 5342, 5630, 5722, 5572, 5702, 5313, 5471, 5614, 5580, 5269, 5611, 5507, 5262, 5531, 5610, 5310, 5584, 5383, 5356, 5374, 5276, 5640, 5349, 5372, 5625, 5690, 5639, 5523, 5345, 5715, 5666, 5650, 5407, 5306, 5472, 5357, 5539, 5376, 5674, 5314, 5401, 5290, 5323, 5530, 5270, 5656, 5653, 5282, 5692, 5328, 5484, 5431, 5535, 5255, 5529, 5395, 5654, 5417 (4 hits) (11/22/2011 01:55:07 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
4	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5466, 5614, 5277, 5369, 5513, 5326, 5642, 5518, 5520, 5347, 5587, 5438, 5358, 5298, 5366, 5435, 5392, 5635, 5439, 5262, 5330, 5448, 5364, 5500, 5487, 5572, 5637, 5450, 5707, 5353, 5659, 5677, 5612, 5717, 5591, 5333, 5714, 5633, 5622, 5263, 5469, 5696, 5609, 5531, 5724, 5593, 5440, 5506, 5697, 5421, 5465, 5710, 5540, 5434, 5314, 5279, 5320, 5323, 5274, 5398, 5385, 5582, 5625, 5351, 5589, 5411, 5490, 5436, 5581, 5575, 5350, 5374, 5601, 5680, 5445, 5711, 5360, 5515, 5496, 5297, 5723, 5362, 5653, 5617, 5556, 5656, 5471, 5393, 5688, 5528, 5693, 5517, 5542, 5425, 5605, 5382, 5431, 5380, 5348, 5543 (8 hits) (11/22/2011 01:55:17 PM)
5	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5430, 5635, 5377, 5677, 5400, 5627, 5317, 5633, 5445, 5528, 5301, 5379, 5361, 5288, 5537, 5574, 5550, 5257, 5456, 5321, 5422, 5388, 5586, 5705, 5585, 5606, 5446, 5553, 5354, 5697, 5629, 5577, 5725, 5298, 5334, 5663, 5541, 5297, 5299, 5636, 5368, 5464, 5404, 5570, 5516, 5519, 5259, 5599, 5593, 5274, 5389, 5466, 5420, 5280, 5287, 5358, 5494, 5351, 5672, 5507, 5314, 5712, 5642, 5710, 5277, 5617, 5511, 5521, 5478, 5628, 5542, 5547, 5324, 5342, 5652, 5590, 5322, 5431, 5418, 5616, 5715, 5658, 5471, 5506, 5597, 5406, 5631, 5626, 5604, 5318, 5399, 5679, 5480, 5426, 5670, 5289, 5293, 5451, 5473, 5331 (7 hits) (11/22/2011 01:55:25 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
6	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5674, 5614, 5303, 5474, 5534, 5316, 5328, 5398, 5653, 5308, 5708, 5717, 5716, 5355, 5655, 5353, 5521, 5415, 5288, 5466, 5616, 5310, 5559, 5719, 5471, 5591, 5508, 5343, 5596, 5258, 5556, 5296, 5688, 5507, 5320, 5410, 5577, 5365, 5361, 5281, 5438, 5441, 5331, 5586, 5488, 5351, 5625, 5412, 5366, 5400, 5460, 5548, 5675, 5664, 5712, 5426, 5633, 5687, 5528, 5423, 5551, 5270, 5546, 5324, 5254, 5289, 5482, 5631, 5536, 5510, 5593, 5541, 5524, 5467, 5448, 5532, 5371, 5587, 5693, 5469, 5370, 5485, 5570, 5477, 5272, 5341, 5294, 5464, 5342, 5445, 5300, 5713, 5666, 5656, 5326, 5404, 5383, 5382, 5493, 5405 (5 hits) (11/22/2011 01:55:36 PM)
7	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5533, 5560, 5346, 5370, 5411, 5256, 5250, 5571, 5700, 5688, 5701, 5605, 5341, 5540, 5639, 5494, 5517, 5697, 5336, 5648, 5633, 5284, 5428, 5720, 5669, 5689, 5679, 5419, 5420, 5599, 5718, 5576, 5466, 5614, 5690, 5353, 5286, 5600, 5565, 5380, 5606, 5314, 5437, 5641, 5406, 5589, 5496, 5492, 5299, 5488, 5491, 5702, 5680, 5435, 5586, 5518, 5365, 5711, 5258, 5342, 5408, 5400, 5333, 5623, 5422, 5429, 5339, 5632, 5426, 5553, 5335, 5386, 5387, 5274, 5334, 5393, 5440, 5552, 5416, 5538, 5363, 5262, 5629, 5475, 5556, 5537, 5321, 5379, 5682, 5640, 5476, 5303, 5480, 5264, 5522, 5551, 5507, 5656, 5413, 5498 (7 hits) (11/22/2011 01:55:44 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
8	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5253, 5619, 5396, 5416, 5715, 5366, 5381, 5464, 5422, 5642, 5634, 5446, 5326, 5406, 5539, 5587, 5293, 5402, 5282, 5670, 5393, 5662, 5322, 5469, 5559, 5452, 5709, 5398, 5463, 5443, 5537, 5725, 5412, 5475, 5335, 5710, 5608, 5262, 5337, 5633, 5498, 5364, 5362, 5562, 5571, 5606, 5541, 5348, 5316, 5385, 5609, 5666, 5601, 5354, 5418, 5277, 5400, 5370, 5380, 5420, 5433, 5589, 5681, 5635, 5319, 5683, 5328, 5686, 5460, 5519, 5259, 5706, 5365, 5694, 5688, 5579, 5648, 5524, 5414, 5640, 5479, 5529, 5268, 5510, 5363, 5600, 5538, 5603, 5352, 5503, 5621, 5641, 5453, 5438, 5687, 5514, 5304, 5421, 5336, 5588 (6 hits) (11/22/2011 01:55:52 PM)
9	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5605, 5287, 5422, 5252, 5514, 5700, 5486, 5347, 5448, 5426, 5285, 5435, 5262, 5389, 5720, 5483, 5472, 5552, 5392, 5581, 5642, 5539, 5261, 5322, 5586, 5624, 5384, 5725, 5352, 5637, 5627, 5502, 5551, 5306, 5313, 5328, 5612, 5596, 5279, 5466, 5431, 5333, 5644, 5463, 5337, 5317, 5554, 5403, 5342, 5689, 5429, 5608, 5519, 5670, 5511, 5469, 5368, 5390, 5603, 5530, 5354, 5542, 5478, 5427, 5289, 5625, 5571, 5497, 5394, 5251, 5391, 5529, 5412, 5329, 5280, 5386, 5515, 5363, 5710, 5327, 5662, 5633, 5671, 5579, 5699, 5385, 5516, 5419, 5600, 5259, 5319, 5459, 5367, 5346, 5453, 5411, 5443, 5527, 5626, 5701 (7 hits) (11/22/2011 01:56:00 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
10	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5405, 5284, 5353, 5282, 5631, 5538, 5668, 5673, 5455, 5334, 5507, 5657, 5531, 5512, 5533, 5700, 5588, 5280, 5672, 5499, 5713, 5540, 5676, 5463, 5469, 5264, 5715, 5485, 5656, 5418, 5482, 5597, 5560, 5295, 5413, 5437, 5532, 5622, 5375, 5693, 5528, 5552, 5601, 5330, 5641, 5403, 5523, 5688, 5318, 5616, 5425, 5357, 5587, 5392, 5647, 5379, 5397, 5424, 5621, 5724, 5417, 5572, 5451, 5419, 5544, 5283, 5432, 5665, 5327, 5298, 5685, 5304, 5666, 5373, 5654, 5470, 5409, 5556, 5697, 5610, 5627, 5494, 5398, 5714, 5384, 5322, 5595, 5479, 5440, 5571, 5530, 5314, 5287, 5275, 5431, 5722, 5467, 5345, 5423, 5640 (5 hits) (11/22/2011 01:56:08 PM)
11	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5271, 5480, 5603, 5647, 5472, 5607, 5539, 5405, 5520, 5534, 5537, 5686, 5373, 5652, 5475, 5457, 5567, 5588, 5325, 5300, 5432, 5715, 5672, 5323, 5716, 5288, 5591, 5658, 5254, 5642, 5386, 5635, 5606, 5320, 5482, 5640, 5263, 5532, 5585, 5566, 5586, 5363, 5442, 5374, 5611, 5412, 5650, 5253, 5714, 5451, 5448, 5645, 5638, 5280, 5443, 5268, 5599, 5324, 5514, 5639, 5530, 5274, 5417, 5369, 5507, 5397, 5671, 5541, 5513, 5293, 5439, 5322, 5600, 5424, 5381, 5523, 5602, 5511, 5341, 5679, 5675, 5597, 5574, 5479, 5583, 5267, 5467, 5347, 5430, 5581, 5389, 5427, 5450, 5692, 5350, 5617, 5556, 5676, 5416, 5422 (6 hits) (11/22/2011 01:56:15 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
12	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5264, 5502, 5639, 5530, 5444, 5634, 5287, 5676, 5358, 5681, 5504, 5445, 5483, 5428, 5274, 5374, 5690, 5277, 5376, 5410, 5326, 5398, 5645, 5310, 5506, 5660, 5722, 5346, 5595, 5686, 5553, 5557, 5559, 5433, 5482, 5298, 5352, 5563, 5391, 5306, 5286, 5648, 5572, 5710, 5542, 5317, 5662, 5255, 5339, 5709, 5421, 5617, 5531, 5447, 5292, 5319, 5529, 5677, 5598, 5369, 5603, 5373, 5315, 5638, 5301, 5636, 5263, 5675, 5697, 5452, 5291, 5449, 5295, 5338, 5302, 5251, 5615, 5495, 5362, 5663, 5303, 5411, 5536, 5539, 5668, 5524, 5388, 5568, 5606, 5489, 5354, 5705, 5455, 5500, 5644, 5431, 5318, 5629, 5405, 5561 (6 hits) (11/22/2011 01:56:24 PM)
13	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5420, 5536, 5349, 5278, 5285, 5431, 5607, 5397, 5454, 5513, 5540, 5578, 5259, 5593, 5332, 5570, 5552, 5360, 5476, 5498, 5306, 5334, 5336, 5295, 5617, 5695, 5614, 5470, 5365, 5522, 5512, 5481, 5503, 5435, 5595, 5592, 5409, 5655, 5460, 5714, 5696, 5464, 5678, 5312, 5626, 5526, 5691, 5414, 5633, 5327, 5450, 5505, 5436, 5273, 5254, 5283, 5596, 5674, 5286, 5550, 5605, 5447, 5309, 5331, 5453, 5451, 5405, 5587, 5554, 5413, 5437, 5661, 5480, 5351, 5630, 5496, 5506, 5297, 5303, 5625, 5370, 5302, 5694, 5396, 5582, 5428, 5514, 5294, 5579, 5576, 5500, 5429, 5647, 5350, 5257, 5484, 5406, 5697, 5308, 5268 (11 hits) (11/22/2011 01:56:37 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
14	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5427, 5497, 5511, 5471, 5412, 5349, 5569, 5667, 5260, 5510, 5538, 5480, 5335, 5499, 5308, 5514, 5310, 5473, 5271, 5343, 5724, 5307, 5475, 5535, 5408, 5303, 5292, 5258, 5494, 5610, 5690, 5582, 5334, 5474, 5467, 5367, 5615, 5313, 5371, 5283, 5336, 5598, 5390, 5319, 5565, 5622, 5556, 5609, 5255, 5372, 5557, 5306, 5396, 5431, 5495, 5432, 5618, 5438, 5706, 5542, 5476, 5311, 5364, 5399, 5314, 5464, 5323, 5333, 5435, 5389, 5339, 5395, 5462, 5554, 5574, 5596, 5301, 5407, 5654, 5340, 5325, 5532, 5608, 5394, 5695, 5713, 5449, 5561, 5456, 5490, 5404, 5287, 5528, 5488, 5348, 5551, 5360, 5518, 5463, 5479 (8 hits) (11/22/2011 01:56:46 PM)
15	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5351, 5514, 5505, 5338, 5472, 5474, 5348, 5395, 5442, 5690, 5263, 5452, 5682, 5377, 5468, 5459, 5329, 5496, 5279, 5553, 5515, 5579, 5647, 5689, 5312, 5421, 5722, 5672, 5573, 5540, 5287, 5490, 5521, 5499, 5462, 5550, 5396, 5307, 5578, 5297, 5475, 5546, 5707, 5706, 5403, 5406, 5321, 5638, 5513, 5651, 5417, 5667, 5580, 5318, 5410, 5645, 5723, 5705, 5611, 5555, 5281, 5439, 5449, 5688, 5444, 5454, 5566, 5402, 5556, 5621, 5387, 5665, 5694, 5565, 5643, 5628, 5343, 5576, 5577, 5390, 5256, 5337, 5308, 5460, 5615, 5562, 5298, 5701, 5365, 5360, 5552, 5614, 5323, 5532, 5632, 5625, 5554, 5277, 5693, 5609 (7 hits) (11/22/2011 01:57:00 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
16	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5695, 5511, 5362, 5340, 5455, 5468, 5616, 5723, 5591, 5471, 5631, 5523, 5656, 5595, 5639, 5262, 5532, 5638, 5368, 5410, 5550, 5435, 5296, 5389, 5402, 5273, 5381, 5366, 5687, 5363, 5492, 5716, 5707, 5697, 5334, 5405, 5708, 5430, 5463, 5543, 5655, 5409, 5342, 5379, 5684, 5427, 5301, 5598, 5358, 5308, 5417, 5269, 5649, 5397, 5438, 5274, 5327, 5634, 5288, 5321, 5459, 5480, 5351, 5533, 5292, 5510, 5460, 5452, 5271, 5453, 5554, 5268, 5635, 5628, 5503, 5650, 5439, 5674, 5678, 5610, 5498, 5311, 5630, 5322, 5377, 5534, 5257, 5531, 5333, 5380, 5615, 5545, 5512, 5372, 5686, 5461, 5440, 5329, 5575, 5365 (6 hits) (11/22/2011 01:57:11 PM)
17	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5341, 5470, 5388, 5340, 5638, 5707, 5351, 5708, 5401, 5491, 5466, 5684, 5505, 5693, 5481, 5549, 5525, 5587, 5640, 5690, 5722, 5267, 5664, 5659, 5605, 5607, 5370, 5408, 5652, 5606, 5368, 5686, 5312, 5691, 5496, 5263, 5403, 5648, 5255, 5474, 5424, 5325, 5625, 5700, 5406, 5677, 5460, 5683, 5593, 5443, 5310, 5532, 5454, 5254, 5405, 5384, 5305, 5623, 5379, 5412, 5529, 5566, 5653, 5482, 5285, 5315, 5402, 5453, 5414, 5663, 5363, 5322, 5410, 5562, 5488, 5695, 5580, 5456, 5509, 5561, 5293, 5287, 5369, 5391, 5326, 5514, 5622, 5270, 5442, 5262, 5444, 5642, 5723, 5609, 5556, 5500, 5259, 5540, 5674, 5468 (6 hits) (11/22/2011 01:57:21 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
18	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5456, 5599, 5583, 5710, 5721, 5401, 5594, 5704, 5274, 5321, 5330, 5361, 5329, 5430, 5333, 5554, 5489, 5320, 5473, 5465, 5427, 5258, 5308, 5673, 5628, 5621, 5335, 5276, 5306, 5454, 5655, 5623, 5315, 5299, 5487, 5269, 5636, 5724, 5537, 5582, 5593, 5367, 5558, 5675, 5418, 5706, 5717, 5303, 5264, 5371, 5555, 5310, 5616, 5466, 5259, 5342, 5607, 5302, 5471, 5377, 5379, 5346, 5563, 5398, 5359, 5450, 5316, 5586, 5441, 5644, 5387, 5423, 5632, 5404, 5598, 5696, 5541, 5666, 5372, 5449, 5546, 5337, 5457, 5658, 5328, 5504, 5600, 5402, 5393, 5657, 5667, 5664, 5386, 5589, 5251, 5477, 5684, 5440, 5364, 5689 (1 hits) (11/22/2011 01:57:34 PM)
19	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5450, 5420, 5573, 5502, 5576, 5318, 5555, 5266, 5475, 5414, 5402, 5362, 5542, 5604, 5275, 5548, 5641, 5334, 5665, 5342, 5527, 5566, 5375, 5317, 5561, 5572, 5704, 5405, 5723, 5428, 5406, 5391, 5331, 5464, 5468, 5690, 5346, 5300, 5371, 5626, 5635, 5615, 5411, 5376, 5299, 5439, 5435, 5721, 5524, 5254, 5295, 5397, 5545, 5503, 5469, 5389, 5297, 5370, 5363, 5412, 5708, 5636, 5701, 5685, 5647, 5725, 5613, 5437, 5322, 5283, 5444, 5589, 5509, 5618, 5392, 5384, 5659, 5560, 5590, 5497, 5481, 5498, 5504, 5660, 5291, 5707, 5329, 5477, 5378, 5288, 5544, 5358, 5605, 5559, 5409, 5563, 5390, 5533, 5606, 5718 (7 hits) (11/22/2011 01:58:03 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
20	9	1.0	333.0	Yes	5511.0MHz, -64.0dBm	Hop sequence: 5368, 5407, 5537, 5314, 5485, 5449, 5324, 5477, 5358, 5383, 5660, 5357, 5419, 5474, 5424, 5296, 5567, 5545, 5373, 5601, 5443, 5714, 5498, 5703, 5510, 5580, 5548, 5632, 5631, 5387, 5332, 5380, 5725, 5715, 5329, 5354, 5454, 5461, 5455, 5335, 5683, 5536, 5277, 5362, 5307, 5256, 5429, 5512, 5693, 5546, 5458, 5576, 5423, 5633, 5351, 5285, 5544, 5295, 5501, 5534, 5509, 5707, 5662, 5678, 5687, 5328, 5308, 5570, 5306, 5250, 5422, 5447, 5259, 5670, 5611, 5346, 5574, 5300, 5708, 5462, 5641, 5316, 5675, 5294, 5630, 5426, 5434, 5513, 5299, 5530, 5280, 5692, 5349, 5452, 5382, 5350, 5271, 5338, 5711, 5270 (6 hits) (11/22/2011 01:58:11 PM)
21	9	1.0	333.0	Yes	5512.0MHz, -64.0dBm	Hop sequence: 5714, 5315, 5278, 5533, 5387, 5313, 5519, 5656, 5524, 5641, 5626, 5299, 5703, 5582, 5271, 5706, 5560, 5588, 5693, 5650, 5544, 5333, 5388, 5674, 5337, 5368, 5570, 5464, 5403, 5603, 5716, 5444, 5526, 5568, 5635, 5459, 5498, 5359, 5705, 5723, 5416, 5566, 5324, 5342, 5496, 5326, 5358, 5484, 5683, 5356, 5721, 5355, 5506, 5422, 5331, 5267, 5261, 5622, 5602, 5586, 5711, 5410, 5303, 5334, 5415, 5282, 5616, 5539, 5265, 5695, 5629, 5463, 5443, 5455, 5594, 5314, 5555, 5366, 5687, 5528, 5610, 5521, 5634, 5277, 5492, 5715, 5662, 5266, 5479, 5572, 5405, 5664, 5534, 5655, 5424, 5364, 5275, 5465, 5661, 5710 (7 hits) (11/22/2011 01:58:18 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
22	9	1.0	333.0	Yes	5513.0MHz, -64.0dBm	Hop sequence: 5649, 5269, 5543, 5562, 5636, 5429, 5694, 5421, 5582, 5391, 5487, 5445, 5557, 5623, 5713, 5255, 5290, 5375, 5568, 5674, 5496, 5362, 5345, 5589, 5534, 5678, 5341, 5427, 5401, 5400, 5691, 5546, 5560, 5392, 5258, 5687, 5521, 5476, 5417, 5434, 5495, 5648, 5599, 5369, 5254, 5661, 5609, 5594, 5520, 5474, 5327, 5413, 5367, 5675, 5716, 5486, 5719, 5420, 5552, 5592, 5603, 5660, 5418, 5548, 5523, 5473, 5533, 5724, 5316, 5423, 5539, 5454, 5581, 5683, 5468, 5384, 5650, 5469, 5466, 5491, 5404, 5308, 5714, 5309, 5709, 5720, 5509, 5441, 5410, 5279, 5397, 5357, 5449, 5708, 5493, 5287, 5373, 5321, 5296, 5538 (6 hits) (11/22/2011 01:58:26 PM)
23	9	1.0	333.0	Yes	5514.0MHz, -64.0dBm	Hop sequence: 5467, 5699, 5554, 5515, 5394, 5481, 5695, 5576, 5489, 5427, 5547, 5613, 5278, 5655, 5447, 5273, 5404, 5570, 5444, 5266, 5420, 5419, 5405, 5482, 5412, 5528, 5352, 5416, 5548, 5563, 5264, 5282, 5667, 5253, 5364, 5634, 5337, 5314, 5356, 5724, 5609, 5580, 5516, 5316, 5357, 5327, 5612, 5293, 5513, 5629, 5333, 5340, 5624, 5500, 5713, 5494, 5330, 5451, 5637, 5701, 5297, 5290, 5456, 5506, 5452, 5518, 5437, 5294, 5659, 5520, 5539, 5349, 5627, 5480, 5310, 5623, 5409, 5270, 5355, 5393, 5414, 5560, 5605, 5688, 5644, 5691, 5606, 5366, 5321, 5307, 5470, 5651, 5429, 5272, 5632, 5673, 5680, 5277, 5584, 5658 (8 hits) (11/22/2011 01:58:34 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
24	9	1.0	333.0	Yes	5515.0MHz, -64.0dBm	Hop sequence: 5555, 5444, 5577, 5613, 5361, 5367, 5471, 5390, 5364, 5694, 5676, 5442, 5459, 5297, 5334, 5272, 5663, 5501, 5463, 5571, 5312, 5366, 5532, 5596, 5400, 5565, 5370, 5724, 5254, 5654, 5567, 5465, 5611, 5545, 5581, 5716, 5387, 5556, 5627, 5358, 5303, 5457, 5699, 5388, 5415, 5356, 5519, 5554, 5711, 5259, 5478, 5692, 5522, 5701, 5582, 5612, 5560, 5631, 5707, 5610, 5509, 5695, 5330, 5633, 5345, 5263, 5549, 5420, 5270, 5540, 5640, 5719, 5686, 5476, 5450, 5593, 5607, 5462, 5584, 5598, 5700, 5466, 5274, 5697, 5704, 5723, 5257, 5566, 5298, 5512, 5626, 5397, 5307, 5548, 5294, 5342, 5278, 5653, 5606, 5256 (5 hits) (11/22/2011 01:58:42 PM)
25	9	1.0	333.0	No	5516.0MHz, -64.0dBm	Hop sequence: 5271, 5626, 5718, 5329, 5725, 5585, 5536, 5499, 5300, 5328, 5433, 5676, 5600, 5255, 5538, 5440, 5545, 5555, 5493, 5257, 5505, 5567, 5504, 5640, 5710, 5544, 5303, 5273, 5699, 5632, 5673, 5334, 5390, 5558, 5318, 5407, 5487, 5516, 5713, 5461, 5354, 5694, 5705, 5500, 5677, 5286, 5430, 5666, 5541, 5645, 5595, 5403, 5480, 5476, 5355, 5470, 5720, 5422, 5379, 5393, 5332, 5529, 5291, 5491, 5365, 5374, 5302, 5367, 5281, 5589, 5327, 5366, 5605, 5362, 5667, 5274, 5444, 5527, 5341, 5468, 5674, 5590, 5642, 5509, 5687, 5498, 5401, 5395, 5684, 5265, 5413, 5526, 5721, 5315, 5563, 5559, 5391, 5570, 5690, 5680 (8 hits) (11/22/2011 01:58:50 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
26	9	1.0	333.0	No	5517.0MHz, -64.0dBm	Hop sequence: 5684, 5559, 5268, 5480, 5272, 5596, 5683, 5566, 5277, 5712, 5577, 5695, 5662, 5418, 5496, 5570, 5709, 5299, 5533, 5403, 5404, 5311, 5545, 5297, 5524, 5702, 5408, 5543, 5694, 5598, 5700, 5304, 5511, 5658, 5327, 5564, 5326, 5616, 5251, 5440, 5641, 5460, 5488, 5506, 5472, 5458, 5521, 5417, 5295, 5538, 5398, 5714, 5270, 5383, 5498, 5405, 5351, 5332, 5352, 5607, 5393, 5563, 5261, 5450, 5707, 5288, 5469, 5562, 5298, 5569, 5724, 5409, 5456, 5428, 5375, 5487, 5517, 5578, 5657, 5276, 5447, 5363, 5400, 5371, 5632, 5708, 5660, 5554, 5491, 5441, 5464, 5443, 5631, 5588, 5696, 5617, 5265, 5489, 5508, 5674 (8 hits) (11/22/2011 01:59:01 PM)
27	9	1.0	333.0	No	5518.0MHz, -64.0dBm	Hop sequence: 5519, 5296, 5652, 5369, 5323, 5614, 5473, 5389, 5679, 5359, 5480, 5383, 5538, 5666, 5282, 5426, 5688, 5525, 5493, 5321, 5507, 5410, 5588, 5278, 5539, 5598, 5470, 5350, 5347, 5253, 5520, 5627, 5620, 5413, 5717, 5358, 5548, 5680, 5454, 5718, 5258, 5478, 5708, 5285, 5396, 5483, 5418, 5448, 5363, 5644, 5340, 5279, 5542, 5578, 5314, 5276, 5583, 5355, 5317, 5618, 5636, 5606, 5365, 5255, 5664, 5266, 5650, 5720, 5259, 5682, 5668, 5364, 5581, 5587, 5567, 5716, 5499, 5645, 5547, 5441, 5593, 5659, 5515, 5390, 5331, 5414, 5619, 5608, 5634, 5685, 5526, 5559, 5377, 5464, 5648, 5611, 5719, 5458, 5334, 5261 (7 hits) (11/22/2011 01:59:13 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	9	1.0	333.0	No	5519.0MHz, -64.0dBm	Hop sequence: 5500, 5339, 5310, 5649, 5391, 5441, 5636, 5375, 5440, 5423, 5552, 5424, 5329, 5532, 5269, 5721, 5715, 5412, 5491, 5666, 5300, 5392, 5596, 5607, 5294, 5629, 5476, 5478, 5620, 5528, 5403, 5318, 5497, 5489, 5402, 5546, 5712, 5555, 5342, 5350, 5361, 5655, 5508, 5709, 5553, 5543, 5291, 5657, 5470, 5679, 5468, 5434, 5578, 5621, 5703, 5431, 5453, 5336, 5401, 5337, 5598, 5348, 5411, 5456, 5364, 5604, 5324, 5521, 5518, 5263, 5502, 5278, 5345, 5449, 5523, 5670, 5406, 5549, 5436, 5268, 5334, 5341, 5585, 5450, 5683, 5340, 5622, 5378, 5307, 5447, 5376, 5673, 5637, 5589, 5427, 5565, 5542, 5474, 5297, 5425 (7 hits) (11/22/2011 01:59:31 PM)
29	9	1.0	333.0	Yes	5520.0MHz, -64.0dBm	Hop sequence: 5347, 5723, 5662, 5600, 5434, 5640, 5569, 5505, 5278, 5251, 5438, 5661, 5533, 5469, 5529, 5665, 5630, 5602, 5467, 5297, 5537, 5338, 5389, 5675, 5632, 5660, 5633, 5279, 5724, 5484, 5394, 5622, 5541, 5655, 5612, 5548, 5678, 5275, 5591, 5698, 5314, 5705, 5291, 5680, 5702, 5643, 5405, 5540, 5546, 5410, 5551, 5493, 5381, 5319, 5449, 5264, 5477, 5611, 5375, 5596, 5321, 5636, 5460, 5718, 5626, 5690, 5637, 5618, 5605, 5350, 5519, 5479, 5412, 5701, 5715, 5545, 5254, 5288, 5634, 5720, 5349, 5520, 5599, 5528, 5436, 5373, 5629, 5369, 5657, 5482, 5283, 5260, 5670, 5454, 5710, 5603, 5582, 5407, 5592, 5290 (3 hits) (11/22/2011 02:00:27 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
30	9	1.0	333.0	Yes	5521.0MHz, -64.0dBm	Hop sequence: 5641, 5308, 5580, 5252, 5595, 5470, 5576, 5509, 5614, 5702, 5720, 5258, 5443, 5457, 5464, 5681, 5299, 5643, 5428, 5511, 5394, 5521, 5634, 5398, 5339, 5546, 5400, 5631, 5695, 5504, 5439, 5571, 5278, 5343, 5573, 5366, 5683, 5678, 5284, 5636, 5588, 5415, 5519, 5459, 5460, 5275, 5514, 5335, 5570, 5689, 5543, 5456, 5420, 5325, 5369, 5324, 5430, 5618, 5633, 5359, 5386, 5444, 5437, 5719, 5579, 5501, 5703, 5661, 5592, 5714, 5567, 5250, 5680, 5290, 5412, 5517, 5600, 5411, 5544, 5684, 5642, 5651, 5469, 5331, 5452, 5468, 5393, 5454, 5306, 5555, 5332, 5351, 5640, 5381, 5632, 5449, 5668, 5662, 5554, 5694 (8 hits) (11/22/2011 02:00:42 PM)
31	9	1.0	333.0	Yes	5522.0MHz, -64.0dBm	Hop sequence: 5535, 5502, 5599, 5411, 5272, 5265, 5443, 5387, 5494, 5525, 5277, 5337, 5628, 5651, 5688, 5288, 5466, 5624, 5328, 5700, 5426, 5349, 5341, 5703, 5329, 5658, 5262, 5487, 5534, 5679, 5639, 5253, 5483, 5308, 5496, 5490, 5460, 5593, 5263, 5543, 5448, 5524, 5258, 5513, 5269, 5691, 5286, 5438, 5314, 5682, 5371, 5383, 5516, 5404, 5255, 5621, 5347, 5297, 5661, 5725, 5557, 5409, 5707, 5454, 5495, 5415, 5536, 5458, 5319, 5475, 5468, 5333, 5571, 5473, 5431, 5705, 5677, 5301, 5489, 5417, 5550, 5484, 5370, 5573, 5309, 5647, 5574, 5720, 5719, 5501, 5477, 5310, 5280, 5296, 5591, 5464, 5711, 5723, 5664, 5671 (9 hits) (11/22/2011 02:00:51 PM)

Table 50 - FCC frequency hopping radar (Type 6) Results VAP2400 rev2.0, n40						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
32	9	1.0	333.0	Yes	5523.0MHz, -64.0dBm	Hop sequence: 5484, 5654, 5299, 5418, 5706, 5726, 5478, 5722, 5514, 5277, 5538, 5251, 5684, 5506, 5547, 5670, 5314, 5475, 5640, 5660, 5254, 5583, 5496, 5285, 5448, 5664, 5624, 5552, 5623, 5582, 5666, 5576, 5510, 5386, 5694, 5551, 5578, 5306, 5525, 5689, 5437, 5396, 5579, 5451, 5266, 5567, 5564, 5500, 5649, 5328, 5713, 5442, 5460, 5360, 5627, 5255, 5417, 5401, 5553, 5606, 5724, 5351, 5304, 5400, 5585, 5294, 5339, 5557, 5619, 5289, 5410, 5695, 5594, 5373, 5616, 5361, 5712, 5275, 5592, 5518, 5696, 5358, 5650, 5691, 5348, 5688, 5543, 5420, 5263, 5638, 5602, 5558, 5461, 5363, 5485, 5603, 5537, 5682, 5281, 5721 (7 hits) (11/22/2011 02:01:04 PM)
33	9	1.0	333.0	Yes	5524.0MHz, -64.0dBm	Hop sequence: 5556, 5482, 5687, 5307, 5377, 5614, 5697, 5302, 5419, 5497, 5528, 5396, 5362, 5605, 5595, 5670, 5530, 5327, 5719, 5657, 5608, 5517, 5481, 5506, 5411, 5496, 5472, 5466, 5674, 5478, 5619, 5582, 5290, 5558, 5544, 5671, 5347, 5394, 5631, 5681, 5568, 5426, 5261, 5501, 5632, 5675, 5374, 5318, 5606, 5647, 5254, 5448, 5370, 5594, 5557, 5610, 5542, 5651, 5536, 5468, 5369, 5414, 5492, 5329, 5285, 5422, 5476, 5689, 5272, 5453, 5429, 5447, 5356, 5625, 5591, 5420, 5519, 5607, 5652, 5405, 5480, 5303, 5387, 5301, 5465, 5540, 5555, 5454, 5487, 5721, 5484, 5673, 5350, 5566, 5498, 5705, 5380, 5650, 5360, 5415 (7 hits) (11/22/2011 02:01:13 PM)

Table 51 - Long Sequence Waveform Summary VAP2400 rev2.0, n40		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -64.0dBm
Trial #2	Detected	5505.0MHz, -64.0dBm
Trial #3	Detected	5500.0MHz, -64.0dBm

Table 51 - Long Sequence Waveform Summary VAP2400 rev2.0, n40		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #4	Detected	5520.0MHz, -64.0dBm
Trial #5	Detected	5515.0MHz, -64.0dBm
Trial #6	NOT Detected	5510.0MHz, -64.0dBm
Trial #7	Detected	5505.0MHz, -64.0dBm
Trial #8	Detected	5500.0MHz, -64.0dBm
Trial #9	Detected	5520.0MHz, -64.0dBm
Trial #10	Detected	5515.0MHz, -64.0dBm
Trial #11	Detected	5510.0MHz, -64.0dBm
Trial #12	Detected	5505.0MHz, -64.0dBm
Trial #13	Detected	5500.0MHz, -64.0dBm
Trial #14	Detected	5520.0MHz, -64.0dBm
Trial #15	Detected	5515.0MHz, -64.0dBm
Trial #16	Detected	5510.0MHz, -64.0dBm
Trial #17	Detected	5505.0MHz, -64.0dBm
Trial #18	Detected	5500.0MHz, -64.0dBm
Trial #19	Detected	5520.0MHz, -64.0dBm
Trial #20	Detected	5515.0MHz, -64.0dBm
Trial #21	Detected	5510.0MHz, -64.0dBm
Trial #22	Detected	5505.0MHz, -64.0dBm
Trial #23	Detected	5500.0MHz, -64.0dBm
Trial #24	Detected	5520.0MHz, -64.0dBm
Trial #25	Detected	5515.0MHz, -64.0dBm
Trial #26	Detected	5510.0MHz, -64.0dBm
Trial #27	Detected	5505.0MHz, -64.0dBm
Trial #28	Detected	5500.0MHz, -64.0dBm
Trial #29	Detected	5520.0MHz, -64.0dBm
Trial #30	Detected	5515.0MHz, -64.0dBm

Table 52 - VAP2400 rev2.0, n40 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	3	99.1	5	1966.0	1702.0	0.577891
2	2	80.6	6	1891.0	-	1.380203
3	2	97.5	11	1238.0	-	2.075832
4	2	60.5	11	1403.0	-	3.678640
5	3	83.4	6	1759.0	1875.0	4.172031
6	2	94.5	11	1328.0	-	4.800873
7	2	89.2	17	1084.0	-	5.949543
8	1	83.1	16	-	-	6.817076
9	3	69.3	12	1401.0	1860.0	8.050731
10	2	56.7	13	1594.0	-	9.139354
11	1	85.8	6	-	-	9.519451
12	2	69.2	10	1742.0	-	10.931720
13	2	77.3	15	1652.0	-	11.116157

Table 53 - VAP2400 rev2.0, n40 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	83.3	14	1167.0	1135.0	0.053199
2	2	65.9	8	1508.0	-	1.181988
3	1	50.3	7	-	-	2.158994
4	2	93.6	15	1420.0	-	2.979033
5	2	79.4	9	1187.0	-	3.549889
6	2	99.5	16	1637.0	-	4.036643
7	2	58.5	13	1844.0	-	4.892151
8	3	53.0	11	1736.0	1926.0	6.211104
9	2	69.0	9	1536.0	-	6.567287
10	2	84.6	6	1937.0	-	7.964682
11	2	91.6	11	1122.0	-	8.241369
12	1	54.7	10	-	-	8.877635
13	2	78.0	13	1271.0	-	9.829351
14	3	53.6	19	1681.0	1334.0	10.683862
15	2	79.8	9	1085.0	-	11.321941

Table 54 - VAP2400 rev2.0, n40 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	56.8	13	-	-	0.381924
2	3	95.3	15	1908.0	1047.0	0.786268
3	2	50.9	16	1722.0	-	1.718795
4	3	88.2	10	1208.0	1171.0	2.470600
5	2	65.7	15	1436.0	-	3.093080
6	2	74.3	13	1627.0	-	3.901991
7	1	60.1	18	-	-	4.696833
8	2	93.1	9	1645.0	-	5.473009
9	2	81.3	9	1983.0	-	6.118581
10	3	67.7	11	1441.0	1438.0	6.655644
11	2	94.5	20	1328.0	-	7.437974
12	2	50.6	13	1536.0	-	8.070880
13	1	85.7	10	-	-	8.754403
14	1	60.5	14	-	-	9.251522

Table 54 - VAP2400 rev2.0, n40 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)
15	2	66.2	16	1287.0	-	10.369011
16	2	87.6	8	1319.0	-	10.791290
17	1	97.9	6	-	-	11.870344

Table 55 - VAP2400 rev2.0, n40 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	3	52.5	8	1663.0	1986.0	0.622247
2	1	81.7	9	-	-	1.789321
3	2	59.5	15	1621.0	-	2.987988
4	1	71.8	7	-	-	4.590859
5	2	50.5	10	1989.0	-	4.978511
6	2	92.1	16	1413.0	-	7.023101
7	3	56.1	6	1001.0	1013.0	7.968111
8	2	76.4	14	1786.0	-	8.521848
9	3	66.1	14	1013.0	1033.0	9.662635
10	2	79.2	15	1533.0	-	11.516117

Table 56 - VAP2400 rev2.0, n40 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	65.4	16	-	-	0.323797
2	3	85.6	16	1859.0	1065.0	0.920844
3	2	54.0	8	1834.0	-	1.993240
4	2	81.0	16	1862.0	-	2.311232
5	2	52.5	17	1624.0	-	3.138077
6	2	68.0	13	1596.0	-	3.824418
7	2	83.5	13	1803.0	-	4.633559
8	2	75.0	13	1562.0	-	5.097553
9	2	97.2	18	1382.0	-	5.419917
10	2	78.7	7	1441.0	-	6.623737
11	2	61.1	6	1298.0	-	7.329895
12	2	66.9	17	1293.0	-	7.930636
13	3	68.0	15	1036.0	1096.0	8.592529
14	2	87.5	14	1240.0	-	9.060000
15	2	55.1	15	1433.0	-	9.866466
16	2	67.9	9	1593.0	-	10.155629
17	2	51.4	10	1458.0	-	10.993228
18	2	58.8	17	1333.0	-	11.572367

Table 57 - VAP2400 rev2.0, n40 Long Sequence Waveform Trial#6 (NOT Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	72.6	8	1946.0	-	0.895860
2	2	91.8	13	1760.0	-	2.103260
3	2	66.1	12	1418.0	-	2.846126
4	1	63.0	12	-	-	3.426402
5	3	52.2	14	1777.0	1730.0	5.110865
6	1	68.3	8	-	-	6.404129

Table 57 - VAP2400 rev2.0, n40 Long Sequence Waveform Trial#6 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
7	2	80.8	14	1428.0	-	6.557883
8	2	80.8	7	1316.0	-	7.854747
9	2	77.4	9	1888.0	-	9.425647
10	1	95.5	19	-	-	10.666623
11	2	75.4	5	1851.0	-	11.350203

Table 58 - VAP2400 rev2.0, n40 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	1	83.0	10	-	-	0.569882
2	3	55.2	14	1530.0	1744.0	0.977550
3	3	85.3	20	1040.0	1230.0	2.397219
4	3	57.9	19	1860.0	1200.0	2.829339
5	2	62.8	8	1318.0	-	3.803702
6	2	70.2	11	1267.0	-	4.449077
7	2	85.3	5	1398.0	-	5.465930
8	3	90.3	6	1911.0	1020.0	6.081801
9	2	80.7	10	1220.0	-	6.955274
10	2	51.1	12	1939.0	-	8.405027
11	2	55.2	7	1580.0	-	8.785364
12	2	73.1	8	1124.0	-	9.819171
13	1	76.2	8	-	-	10.464182
14	2	91.5	10	1161.0	-	11.573815

Table 59 - VAP2400 rev2.0, n40 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	78.0	7	1112.0	-	0.293719
2	2	94.4	9	1420.0	-	1.002414
3	2	69.8	8	1878.0	-	1.772571
4	2	50.3	5	1262.0	-	2.336018
5	1	62.4	17	-	-	2.551542
6	3	90.7	18	1327.0	1846.0	3.304154
7	2	93.6	16	1664.0	-	4.189231
8	2	80.4	17	1610.0	-	4.956383
9	3	52.4	10	1131.0	1169.0	5.636077
10	2	99.1	19	1018.0	-	6.209995
11	2	53.6	12	1464.0	-	6.458690
12	2	95.4	11	1251.0	-	6.996426
13	1	62.2	12	-	-	8.159594
14	2	69.8	12	1787.0	-	8.526728
15	2	92.8	7	1219.0	-	8.996755
16	2	76.6	11	1846.0	-	9.874724
17	2	60.8	13	1405.0	-	10.260664
18	1	82.6	16	-	-	10.999353
19	2	66.9	8	1978.0	-	11.671631

Table 60 - VAP2400 rev2.0, n40 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	53.5	17	1590.0	-	0.459538
2	3	98.9	8	1962.0	1526.0	1.179401
3	3	87.5	7	1885.0	1346.0	1.969626
4	2	95.0	17	1958.0	-	2.685305
5	3	99.6	13	1907.0	1147.0	3.396365
6	1	69.5	14	-	-	3.582988
7	2	75.5	15	1546.0	-	4.910886
8	1	91.5	13	-	-	5.428887
9	2	74.0	19	1313.0	-	6.330301
10	2	79.8	15	1888.0	-	6.550435
11	3	63.1	10	1250.0	1136.0	7.737332
12	1	86.8	11	-	-	8.391528
13	2	59.1	10	1833.0	-	8.828973
14	3	97.9	9	1907.0	1817.0	9.763408
15	1	87.9	9	-	-	9.978895
16	1	79.0	8	-	-	11.138439
17	2	76.6	18	1527.0	-	11.834071

Table 61 - VAP2400 rev2.0, n40 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	58.4	8	1024.0	-	0.128439
2	1	57.4	14	-	-	1.454401
3	2	55.4	8	1139.0	-	2.550275
4	3	71.7	17	1424.0	1954.0	3.281119
5	2	71.4	17	1814.0	-	3.867718
6	2	50.6	12	1996.0	-	4.646132
7	2	59.8	20	1631.0	-	5.229923
8	2	72.1	17	1272.0	-	6.022919
9	1	98.5	14	-	-	7.170112
10	1	76.5	6	-	-	8.290427
11	1	81.6	9	-	-	8.666977
12	2	82.5	16	1339.0	-	10.102392
13	3	79.3	12	1208.0	1018.0	10.835262
14	1	75.3	8	-	-	11.798323

Table 62 - VAP2400 rev2.0, n40 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	2	63.6	11	1474.0	-	0.411539
2	3	96.2	12	1514.0	1319.0	2.371385
3	3	66.3	8	1620.0	1629.0	3.100508
4	3	98.3	11	1720.0	1541.0	4.232690
5	1	60.9	18	-	-	5.695673
6	2	83.7	5	1823.0	-	6.326907
7	3	95.0	18	1612.0	1515.0	7.525022
8	2	80.1	8	1540.0	-	9.500786
9	2	61.9	9	1528.0	-	10.590453
10	1	95.8	10	-	-	10.921003

Table 63 - VAP2400 rev2.0, n40 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	72.8	18	-	-	0.305607
2	2	67.6	8	1319.0	-	1.758777
3	2	64.0	6	1288.0	-	3.024237
4	2	69.3	11	1921.0	-	4.008012
5	2	90.8	8	1455.0	-	5.170360
6	2	86.5	10	1239.0	-	6.974322
7	3	51.0	11	1027.0	1144.0	8.351205
8	1	83.7	15	-	-	9.171194
9	3	91.4	17	1194.0	1417.0	9.883347
10	1	87.6	14	-	-	11.853222

Table 64 - VAP2400 rev2.0, n40 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	1	98.1	17	-	-	0.659813
2	1	60.8	16	-	-	1.445727
3	2	63.1	17	1414.0	-	2.455814
4	2	65.6	8	1076.0	-	2.841186
5	1	60.6	20	-	-	4.205718
6	2	92.4	6	1817.0	-	5.268574
7	2	62.7	6	1763.0	-	6.052371
8	1	76.8	17	-	-	6.759985
9	1	59.3	15	-	-	8.176645
10	2	61.4	7	1119.0	-	8.442335
11	2	79.1	20	1302.0	-	9.280834
12	1	77.3	6	-	-	10.851562
13	2	92.5	15	1226.0	-	11.566348

Table 65 - VAP2400 rev2.0, n40 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	3	93.0	8	1165.0	1708.0	0.021656
2	1	89.8	11	-	-	1.639538
3	2	99.3	17	1474.0	-	2.561877
4	1	71.7	12	-	-	3.322616
5	3	97.5	19	1309.0	1944.0	3.724480
6	2	67.5	17	1109.0	-	4.417775
7	3	59.7	12	1366.0	1217.0	5.167158
8	2	63.9	7	1284.0	-	6.471601
9	2	59.3	9	1106.0	-	7.637978
10	1	55.6	16	-	-	8.475658
11	2	78.5	11	1833.0	-	8.955918
12	1	56.2	8	-	-	9.837419
13	3	97.9	8	1922.0	1390.0	10.968916
14	2	68.5	18	1347.0	-	11.680201

Table 66 - VAP2400 rev2.0, n40 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	52.3	17	-	-	0.326549
2	2	60.1	18	1622.0	-	0.869312

Table 66 - VAP2400 rev2.0, n40 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)
3	1	88.9	10	-	-	1.712466
4	1	83.5	13	-	-	2.285217
5	2	86.1	15	1115.0	-	3.259468
6	3	83.5	15	1492.0	1685.0	3.530939
7	2	86.6	11	1496.0	-	4.836257
8	2	79.5	7	1453.0	-	4.980098
9	2	60.0	17	1514.0	-	6.180755
10	3	73.8	16	1286.0	1892.0	6.762229
11	3	69.4	19	1510.0	1946.0	7.310944
12	3	55.0	19	1076.0	1725.0	7.937850
13	1	55.6	6	-	-	8.759452
14	2	99.0	11	1198.0	-	9.839974
15	2	55.8	17	1896.0	-	9.955593
16	2	79.9	12	1433.0	-	11.028870
17	2	99.9	12	1163.0	-	11.829602

Table 67 - VAP2400 rev2.0, n40 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	3	98.1	9	1407.0	1037.0	0.230622
2	2	91.8	15	1985.0	-	1.446053
3	2	93.1	20	1810.0	-	3.031199
4	2	78.1	13	1547.0	-	4.312518
5	3	83.0	13	1827.0	1842.0	4.919001
6	2	52.2	10	1558.0	-	5.986900
7	2	93.8	7	1037.0	-	7.267747
8	2	92.3	10	1411.0	-	8.692442
9	2	61.9	18	1793.0	-	9.477596
10	3	91.0	8	1759.0	1841.0	10.338964
11	1	55.9	13	-	-	11.021948

Table 68 - VAP2400 rev2.0, n40 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	2	53.7	16	1248.0	-	0.447114
2	2	77.7	12	1543.0	-	2.222366
3	1	87.6	15	-	-	3.950943
4	2	99.4	19	1650.0	-	5.001518
5	3	67.8	8	1042.0	1348.0	5.413734
6	2	65.5	15	1062.0	-	7.160112
7	2	55.1	20	1842.0	-	8.299600
8	3	52.9	20	1679.0	1555.0	9.987601
9	2	90.4	13	1553.0	-	11.330006

Table 69 - VAP2400 rev2.0, n40 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	1	83.6	18	-	-	0.665039
2	2	77.4	14	1618.0	-	1.895124

Table 69 - VAP2400 rev2.0, n40 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)
3	3	88.6	5	1085.0	1440.0	3.062911
4	3	98.0	18	1996.0	1572.0	3.505299
5	1	64.8	5	-	-	4.736095
6	2	86.7	8	1851.0	-	5.720131
7	1	98.5	12	-	-	7.491882
8	3	53.6	11	1697.0	1308.0	8.582683
9	2	80.7	8	1670.0	-	8.929371
10	1	88.2	15	-	-	10.276455
11	3	74.8	8	1570.0	1639.0	11.127993

Table 70 - VAP2400 rev2.0, n40 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	94.3	7	1883.0	-	0.009646
2	2	61.2	11	1375.0	-	1.602459
3	3	92.2	18	1417.0	1671.0	2.345152
4	1	92.8	9	-	-	3.355398
5	2	85.5	8	1202.0	-	4.388498
6	1	83.4	9	-	-	5.427632
7	2	79.4	15	1623.0	-	6.203785
8	1	94.0	10	-	-	7.173101
9	1	78.4	14	-	-	8.293005
10	2	68.4	9	1681.0	-	9.045543
11	3	95.9	7	1474.0	1582.0	10.108883
12	2	53.9	13	1941.0	-	10.701447
13	3	95.0	10	1908.0	1686.0	11.307855

Table 71 - VAP2400 rev2.0, n40 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	1	95.1	9	-	-	0.446900
2	2	63.2	13	1959.0	-	0.723185
3	1	85.6	19	-	-	1.734830
4	1	60.2	7	-	-	2.243930
5	2	52.3	10	1245.0	-	2.771146
6	3	86.1	6	1266.0	1300.0	3.526619
7	2	79.1	11	1771.0	-	4.314420
8	1	69.5	5	-	-	4.625820
9	2	89.8	9	1521.0	-	5.466844
10	2	72.0	17	1764.0	-	6.181866
11	1	61.0	9	-	-	6.742381
12	3	96.8	19	1928.0	1936.0	7.175021
13	1	75.7	12	-	-	8.156917
14	3	56.0	19	1929.0	1614.0	8.782541
15	3	85.7	9	1844.0	1771.0	9.015672
16	3	65.6	13	1065.0	1031.0	9.729257
17	2	78.7	13	1377.0	-	10.307825
18	2	74.8	9	1957.0	-	10.858206
19	1	96.4	19	-	-	11.900537

Table 72 - VAP2400 rev2.0, n40 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	55.7	9	-	-	0.516813
2	2	94.8	17	1673.0	-	1.506170
3	2	96.1	14	1513.0	-	2.267481
4	3	51.2	12	1931.0	1900.0	3.158654
5	1	99.2	13	-	-	3.250059
6	3	99.0	6	1327.0	1974.0	4.375807
7	3	70.3	9	1484.0	1049.0	5.496472
8	3	62.3	13	1274.0	1670.0	6.105269
9	3	67.0	18	1661.0	1620.0	6.590605
10	2	74.2	13	1031.0	-	7.753735
11	1	87.2	18	-	-	8.214841
12	1	54.2	20	-	-	9.015026
13	3	91.1	8	1405.0	1416.0	10.094701
14	1	82.9	14	-	-	10.628787
15	1	82.9	16	-	-	11.355216

Table 73 - VAP2400 rev2.0, n40 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	87.2	10	1071.0	-	0.416866
2	2	99.2	9	1073.0	-	0.743232
3	1	81.4	14	-	-	1.972604
4	2	65.7	7	1296.0	-	2.643865
5	1	75.8	13	-	-	3.207879
6	2	75.5	8	1799.0	-	3.898133
7	1	53.1	18	-	-	4.319910
8	2	79.4	13	1966.0	-	5.215082
9	3	91.0	13	1819.0	1711.0	5.692698
10	1	73.5	13	-	-	6.533834
11	2	71.7	5	1221.0	-	7.253827
12	2	50.8	7	1960.0	-	7.546989
13	2	68.0	9	1953.0	-	8.442110
14	2	61.6	11	1913.0	-	8.674115
15	2	63.7	7	1838.0	-	9.954560
16	1	53.8	19	-	-	10.235429
17	2	53.7	10	1622.0	-	11.256617
18	2	80.4	18	1113.0	-	11.935587

Table 74 - VAP2400 rev2.0, n40 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	82.1	7	1452.0	-	0.308588
2	1	94.6	16	-	-	1.386114
3	3	92.9	18	1214.0	1526.0	3.366693
4	3	64.3	15	1023.0	1011.0	4.189051
5	2	57.1	16	1049.0	-	5.999199
6	3	58.1	15	1350.0	1458.0	7.090705
7	3	96.4	7	1401.0	1692.0	8.560574
8	2	60.6	16	1722.0	-	10.329632
9	2	99.9	19	1861.0	-	10.710375

Table 75 - VAP2400 rev2.0, n40 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	83.2	13	-	-	0.817698
2	2	82.2	6	1284.0	-	2.630135
3	1	53.4	17	-	-	3.521405
4	1	86.0	13	-	-	4.814084
5	1	66.7	7	-	-	6.160327
6	1	68.5	19	-	-	6.906508
7	3	51.2	17	1452.0	1236.0	9.160105
8	3	89.9	8	1470.0	1674.0	10.387873
9	1	99.2	9	-	-	11.294133

Table 76 - VAP2400 rev2.0, n40 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	1	65.5	17	-	-	0.352167
2	1	68.5	14	-	-	1.503692
3	2	69.1	12	1465.0	-	2.455782
4	3	75.0	13	1080.0	1720.0	2.956990
5	3	72.9	13	1351.0	1698.0	4.008333
6	2	75.3	8	1418.0	-	4.421325
7	1	69.4	18	-	-	5.491779
8	2	84.1	8	1556.0	-	6.384365
9	3	79.3	12	1409.0	1875.0	7.092366
10	1	51.1	13	-	-	8.237682
11	1	99.8	17	-	-	8.838762
12	2	84.6	16	1604.0	-	9.546088
13	3	68.3	18	1394.0	1054.0	10.335813
14	1	58.3	6	-	-	11.697695

Table 77 - VAP2400 rev2.0, n40 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	3	68.6	15	1782.0	1241.0	0.094065
2	1	93.4	13	-	-	1.519922
3	1	76.4	7	-	-	2.066040
4	2	73.1	11	1217.0	-	2.649412
5	1	65.5	14	-	-	3.988792
6	2	59.2	13	1340.0	-	4.999879
7	2	70.5	14	1465.0	-	5.628901
8	3	97.3	17	1338.0	1218.0	6.292161
9	2	89.3	14	1899.0	-	6.954870
10	3	76.5	16	1591.0	1434.0	8.526189
11	2	73.9	7	1985.0	-	8.643657
12	1	61.4	6	-	-	9.980302
13	3	96.7	10	1844.0	1407.0	10.417321
14	1	88.9	12	-	-	11.523092

Table 78 - VAP2400 rev2.0, n40 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	1	92.3	6	-	-	0.803599
2	1	69.9	17	-	-	1.313469
3	2	91.3	16	1790.0	-	2.460318
4	2	92.7	11	1577.0	-	2.941212
5	2	66.6	17	1322.0	-	4.193743
6	2	99.2	17	1563.0	-	5.199141
7	1	81.6	7	-	-	6.056555
8	2	78.7	20	1655.0	-	6.574135
9	2	53.7	20	1519.0	-	7.400643
10	3	89.7	16	1222.0	1627.0	8.945292
11	1	83.9	6	-	-	9.526411
12	1	83.2	6	-	-	10.735066
13	3	74.5	7	1272.0	1604.0	11.791033

Table 79 - VAP2400 rev2.0, n40 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	2	74.2	11	1978.0	-	0.370519
2	2	58.4	11	1027.0	-	0.674622
3	2	52.0	8	1100.0	-	1.882265
4	2	64.7	5	1277.0	-	2.329383
5	1	58.8	15	-	-	3.120016
6	3	56.4	14	1401.0	1375.0	3.865135
7	2	87.7	6	1454.0	-	4.441636
8	1	66.1	8	-	-	4.752559
9	3	65.9	6	1836.0	1650.0	5.825190
10	3	67.5	10	1882.0	1100.0	6.459898
11	3	95.2	18	1245.0	1324.0	6.703274
12	2	80.6	7	1268.0	-	7.477663
13	3	63.7	8	1571.0	1988.0	8.099403
14	2	85.3	15	1118.0	-	9.281853
15	2	77.5	10	1821.0	-	9.975145
16	2	61.8	19	1166.0	-	10.630738
17	2	91.5	16	1008.0	-	10.791703
18	2	68.7	11	1105.0	-	11.473493

Table 80 - VAP2400 rev2.0, n40 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	1	51.6	18	-	-	0.039620
2	3	67.8	15	1893.0	1379.0	1.019652
3	2	86.9	12	1616.0	-	1.660701
4	2	55.9	12	1089.0	-	1.948270
5	1	58.5	9	-	-	2.942055
6	1	85.0	14	-	-	3.480799
7	2	54.1	16	1418.0	-	4.336451
8	2	70.4	16	1793.0	-	4.886432
9	2	93.4	11	1131.0	-	5.095210
10	2	55.5	18	1180.0	-	5.856434
11	2	93.1	15	1797.0	-	6.452957
12	2	61.6	9	1266.0	-	7.356866
13	1	84.4	14	-	-	7.800854

Table 80 - VAP2400 rev2.0, n40 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)
14	3	87.5	17	1336.0	1948.0	8.818481
15	2	96.2	19	1965.0	-	9.362804
16	1	87.9	17	-	-	9.690064
17	3	97.7	17	1589.0	1855.0	10.273437
18	2	82.7	12	1230.0	-	11.123446
19	2	87.1	13	1610.0	-	11.538848

Table 81 - VAP2400 rev2.0, n40 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	1	84.4	20	-	-	0.005738
2	2	79.9	7	1137.0	-	0.790945
3	2	91.1	14	1755.0	-	2.075810
4	2	65.7	7	1508.0	-	2.798791
5	2	60.3	14	1633.0	-	3.313684
6	3	57.2	14	1968.0	1906.0	4.197696
7	3	73.8	15	1161.0	1822.0	5.098541
8	2	74.9	17	1737.0	-	5.486543
9	2	57.6	15	1846.0	-	6.114589
10	1	92.4	9	-	-	7.236762
11	1	79.9	12	-	-	8.029990
12	2	60.8	7	1840.0	-	8.596790
13	1	73.8	7	-	-	9.650752
14	1	65.5	10	-	-	10.400991
15	2	88.8	20	1572.0	-	10.970297
16	2	67.9	7	1945.0	-	11.887922

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements

Table 82 - 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, Master	0 ms	60 ms	121 ms	10 s	Pass
Radar Type 5, Master	0 ms	60 ms	141 ms	10 s	Pass
Radar Type 1, Client	0 ms	60 ms	108 ms	10 s	Pass

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.

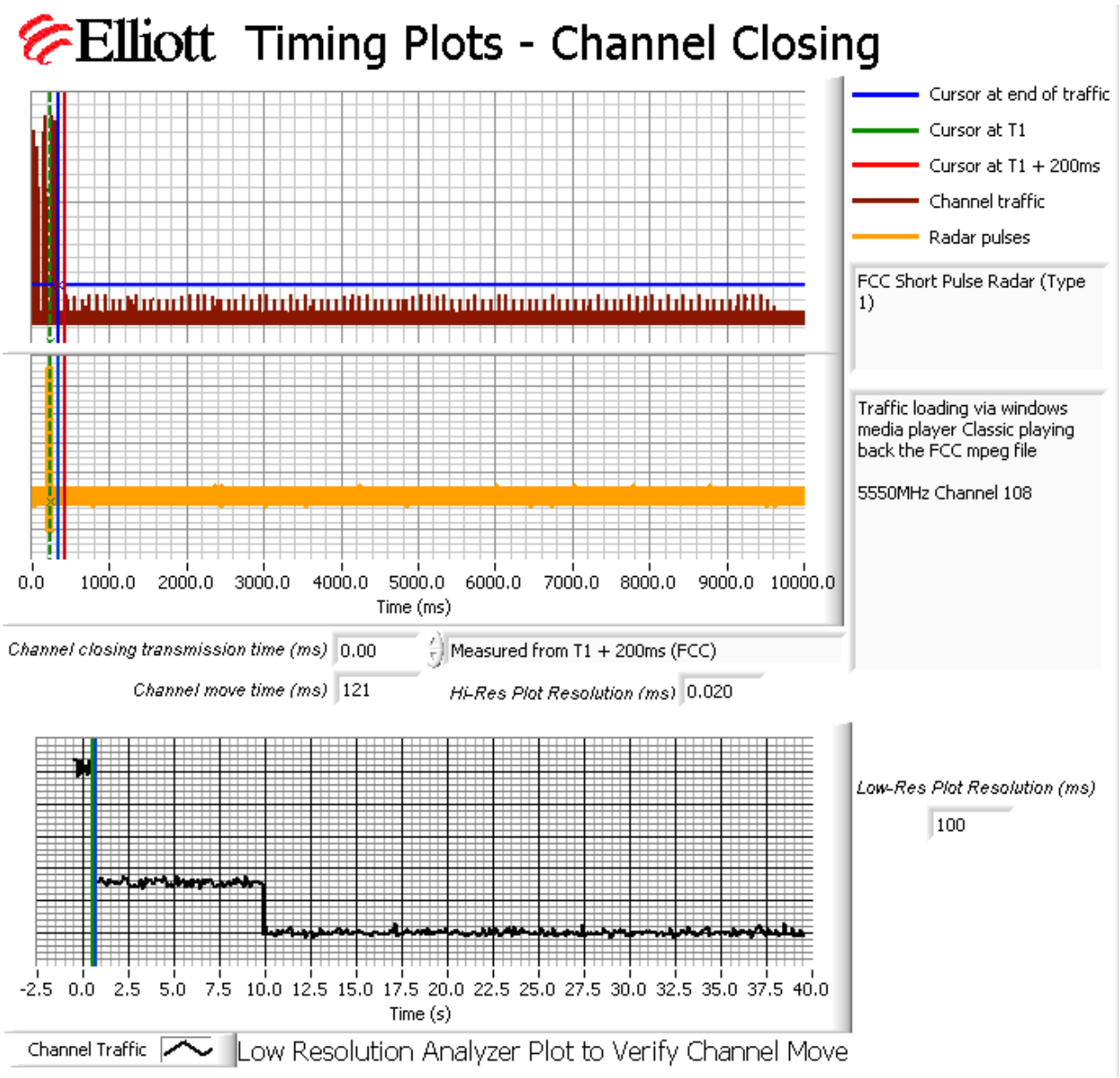


Figure 2 Channel Closing Time and Channel Move Time – 40 second plot, Type1 - AP

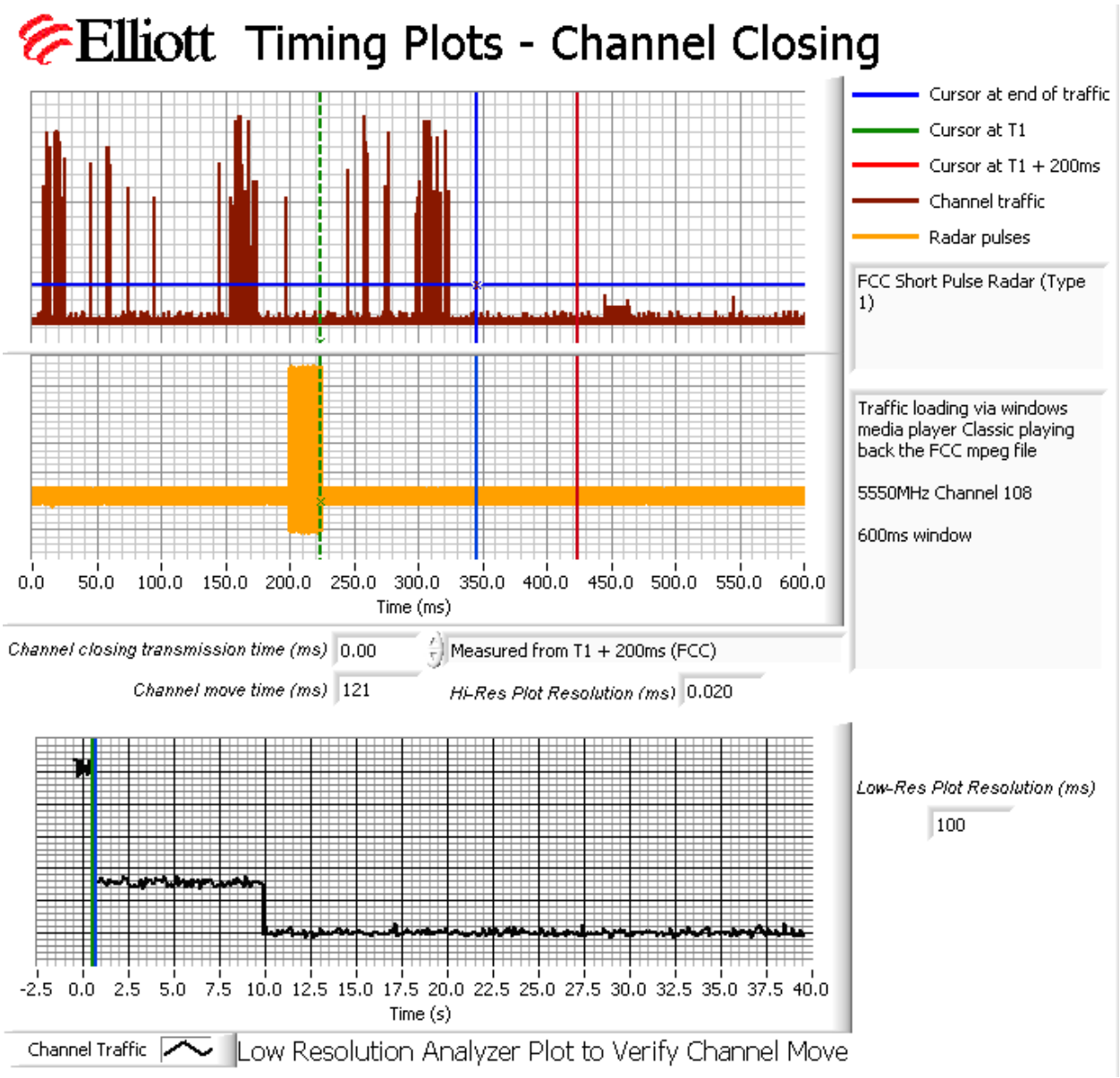


Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Type 1 - AP

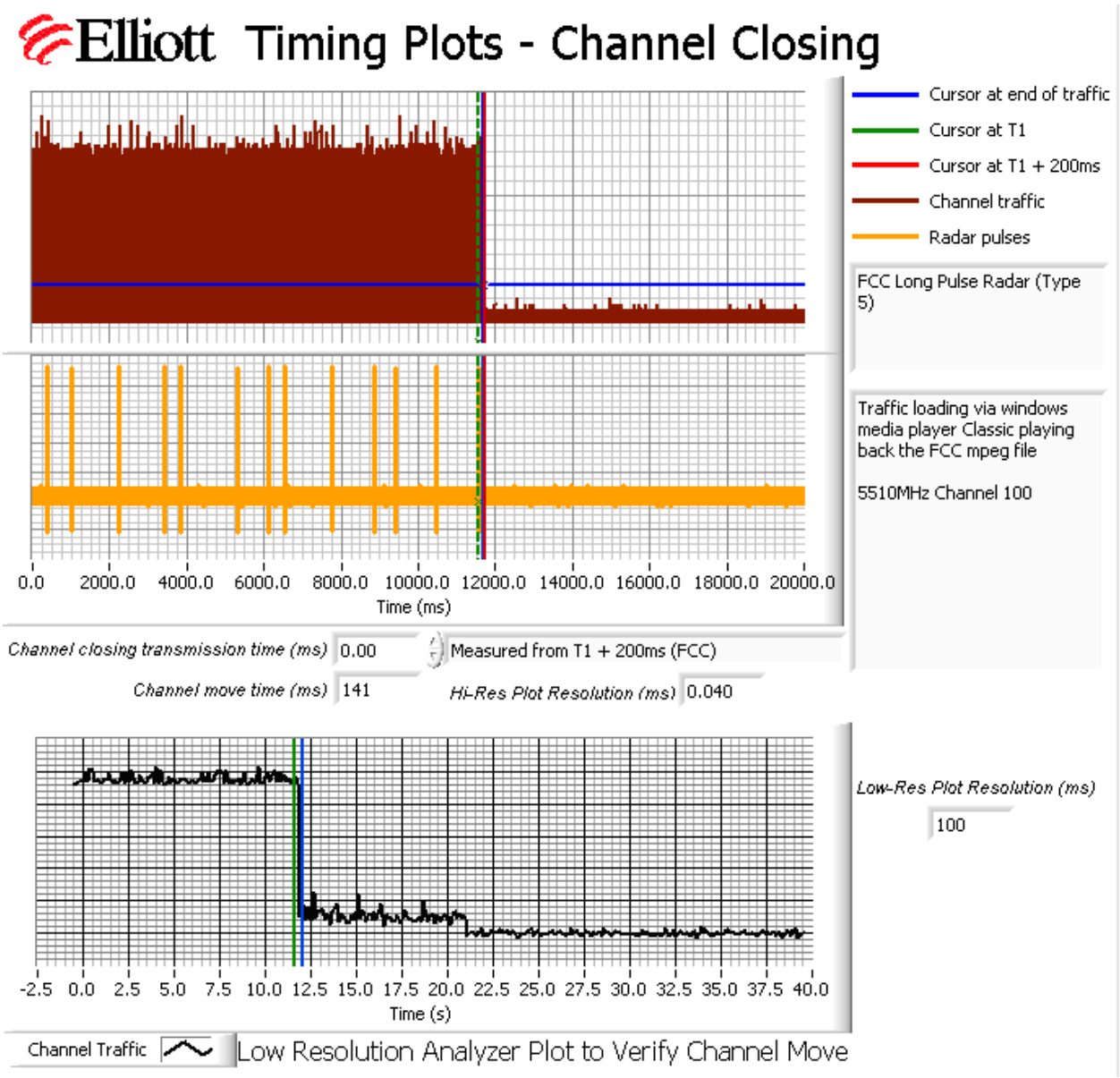


Figure 4 Channel Closing Time and Channel Move Time – 40 second plot, Type 5 - AP

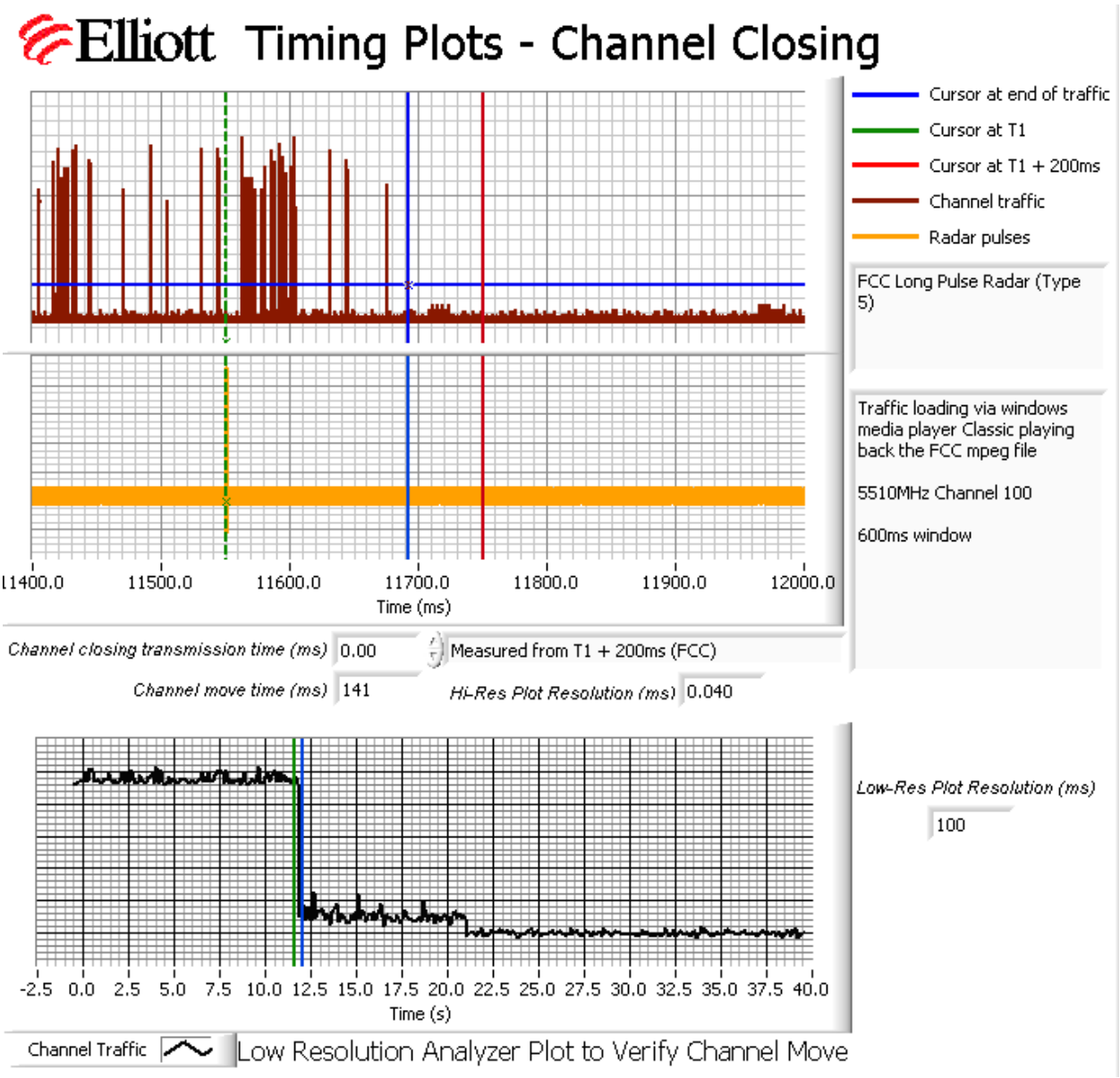


Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Type 5 - AP

Revision 1.1

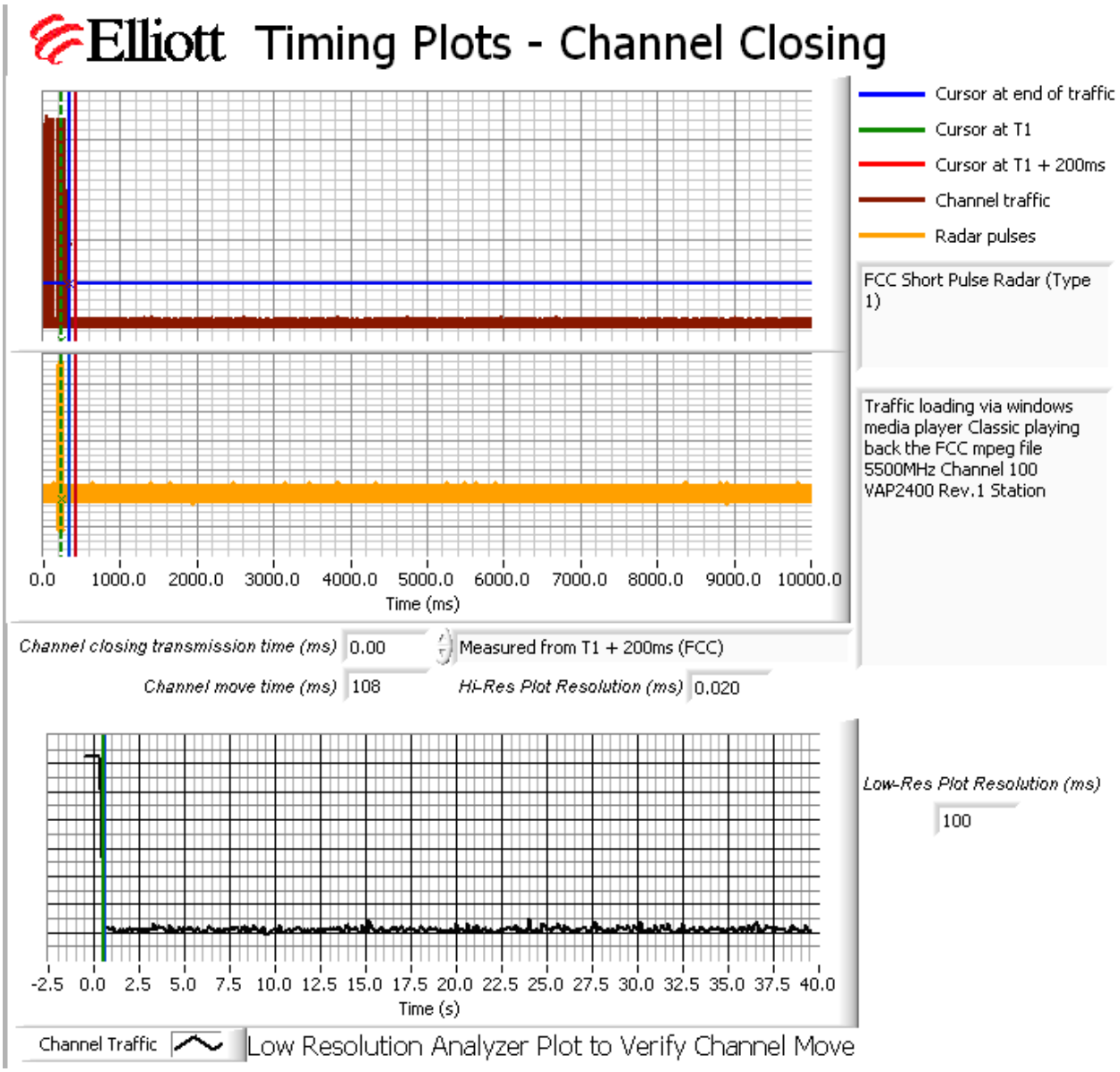


Figure 6 Channel Closing Time and Channel Move Time – 40 second plot - Station

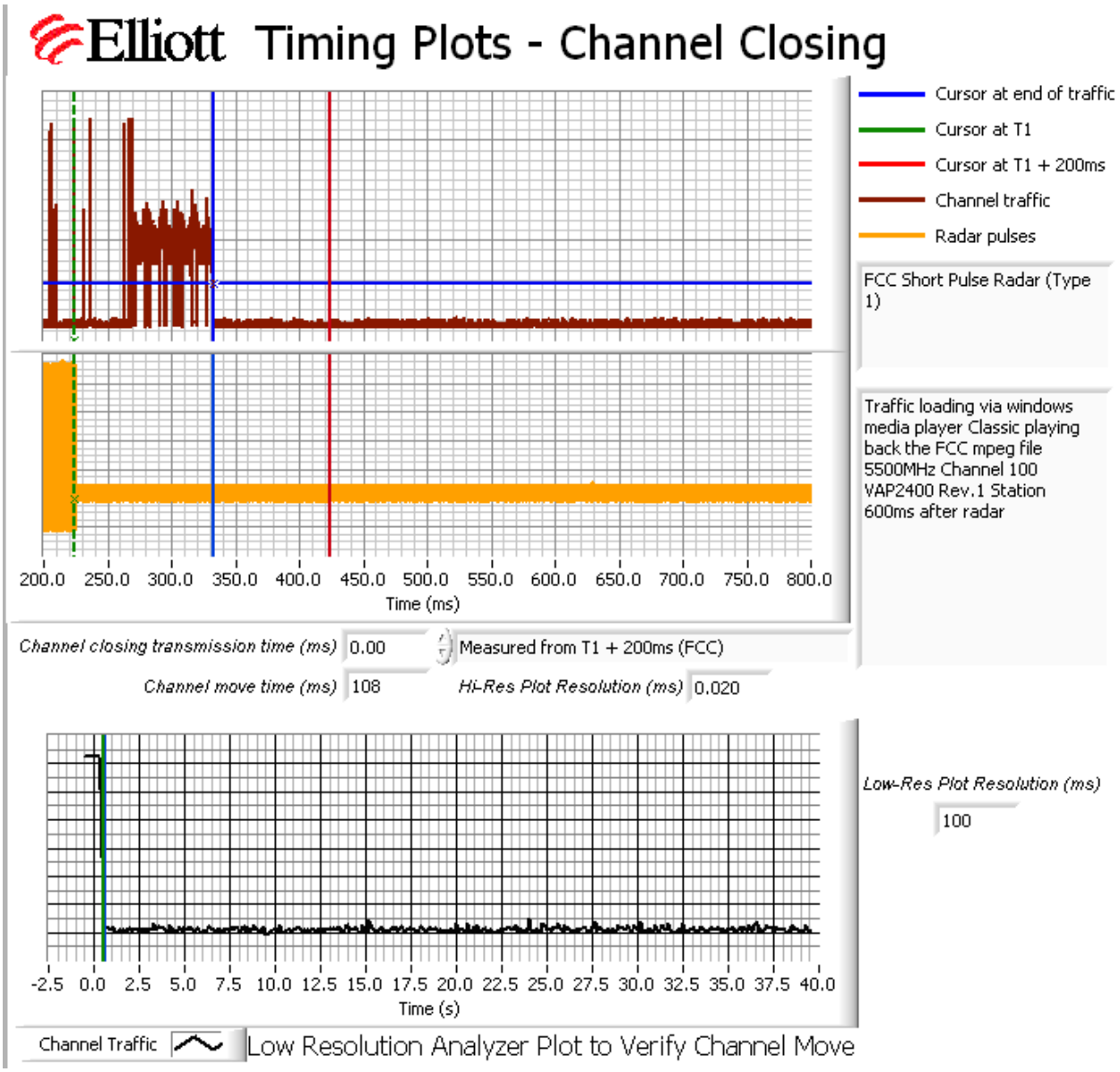


Figure 7 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar - Station

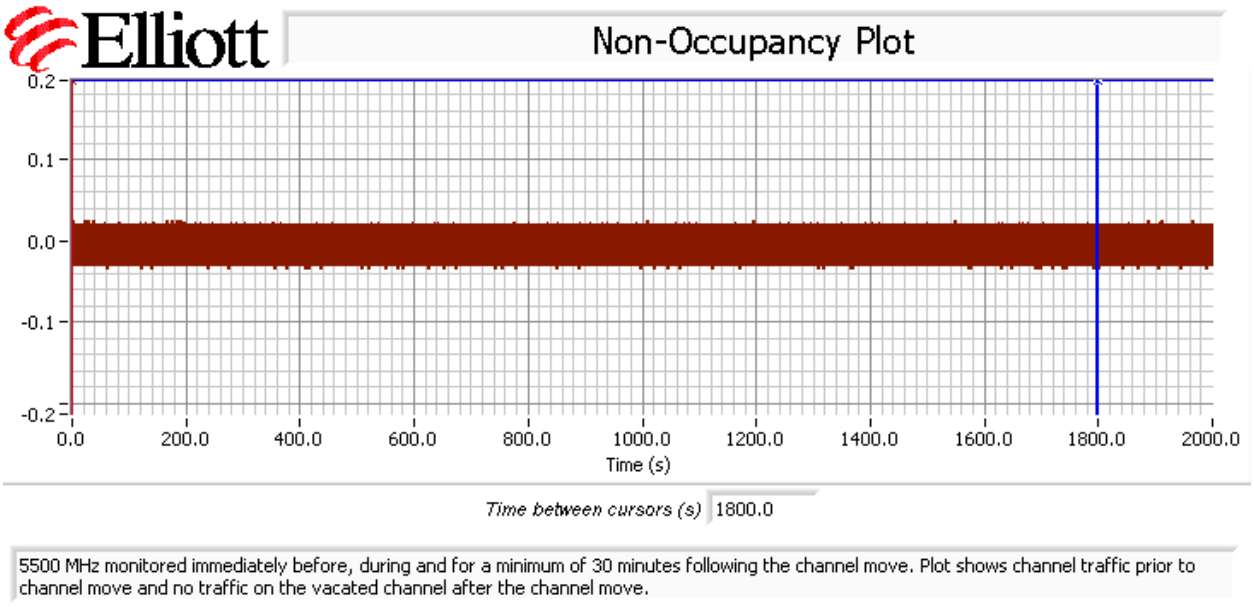


Figure 8 Radar Channel Non-Occupancy Plot - AP

Revision 1.1

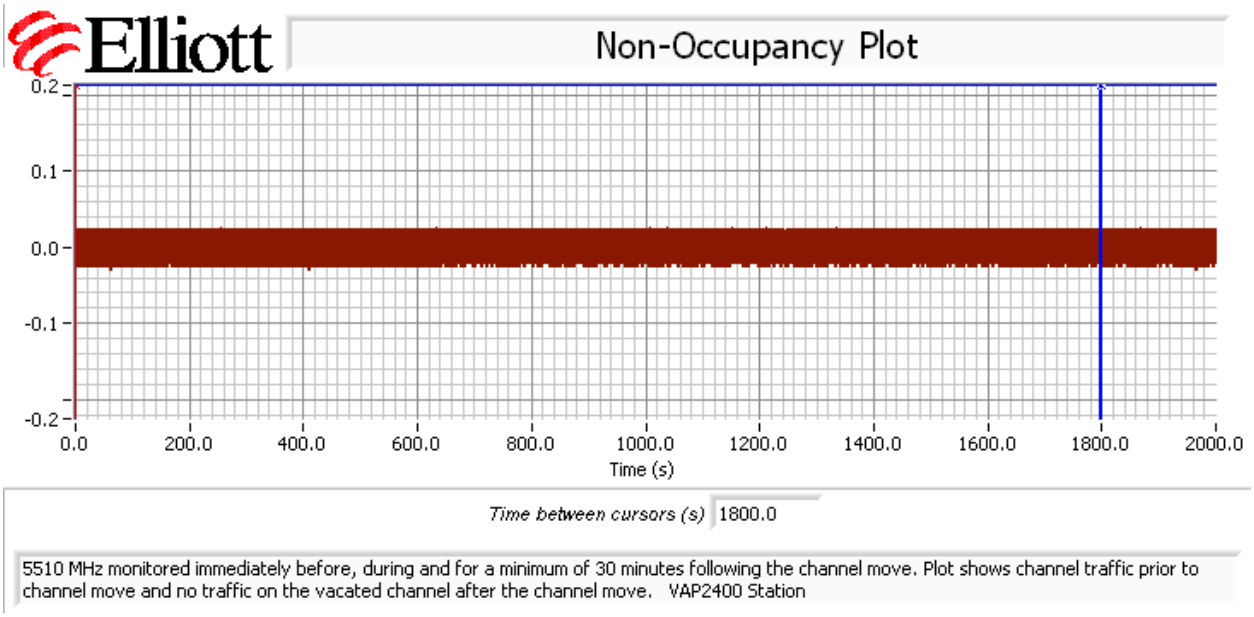


Figure 9 Radar Channel Non-Occupancy Plot - Station

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, 5470 – 5725 MHz

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

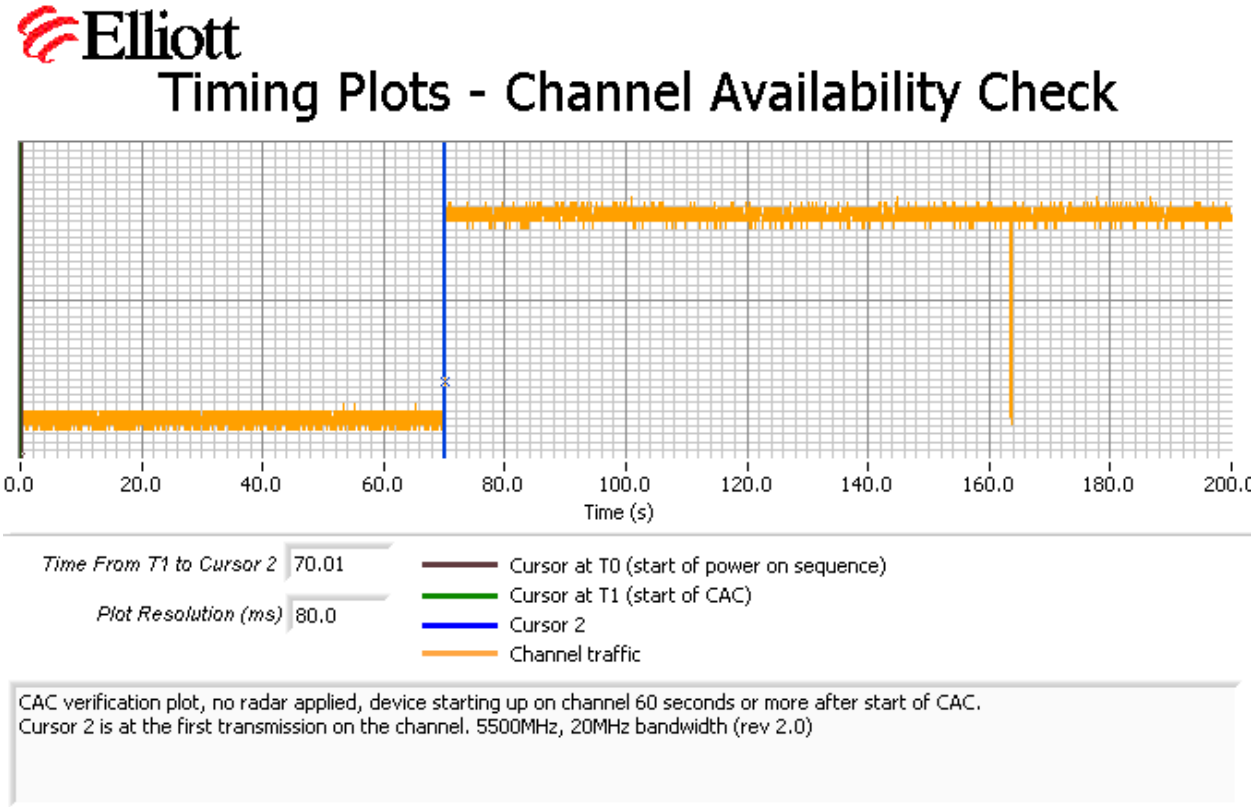


Figure 10 Plot of EUT Start-Up After CAC, n20

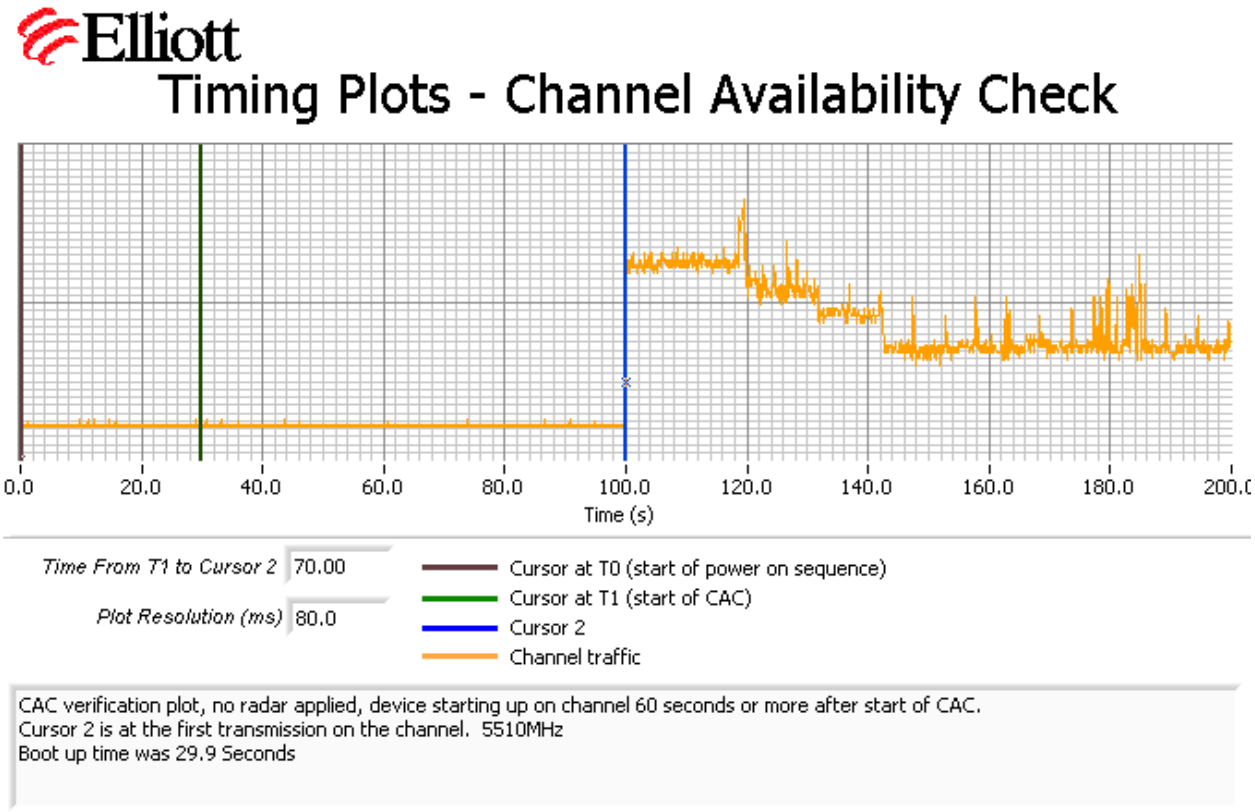


Figure 11 Plot of EUT Start-Up After CAC, n40

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 n20 channel 100 (5500 MHz) and also on n40 channel 100 (5510 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.

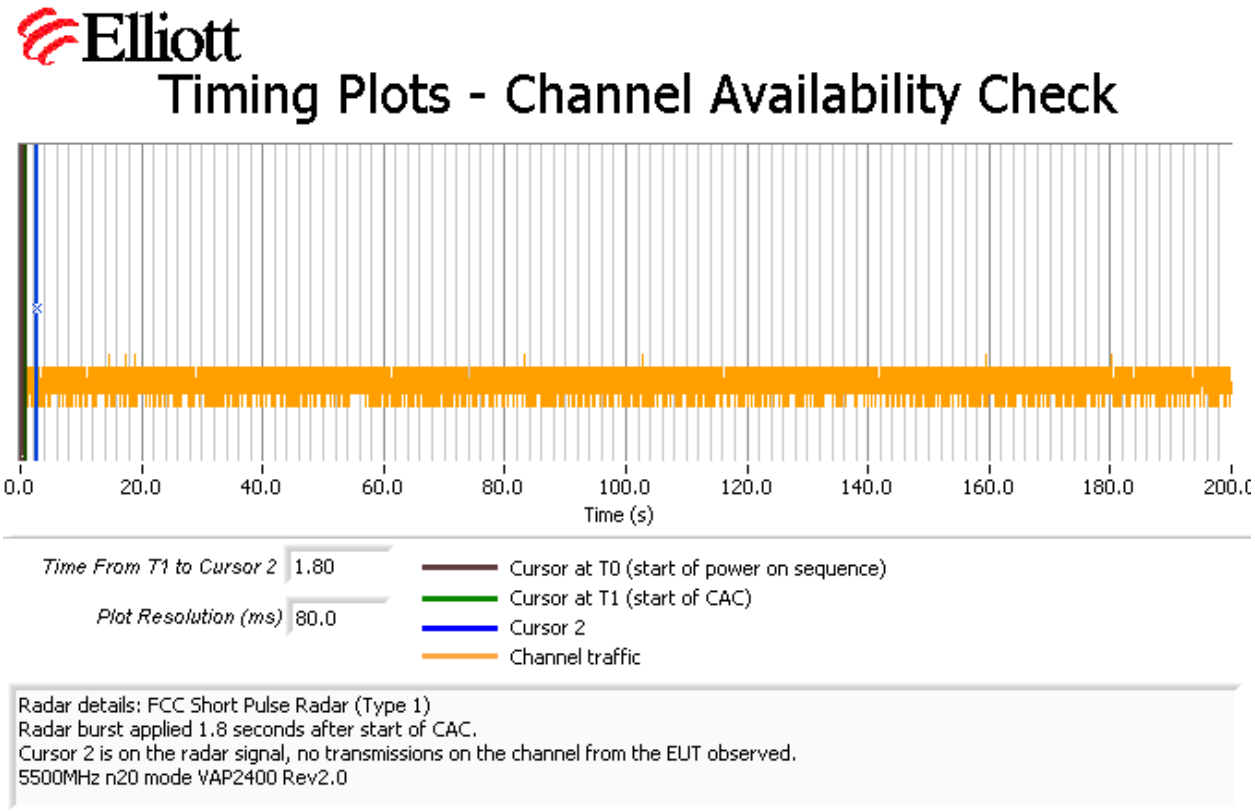


Figure 12 Radar Applied At Start of CAC, n20

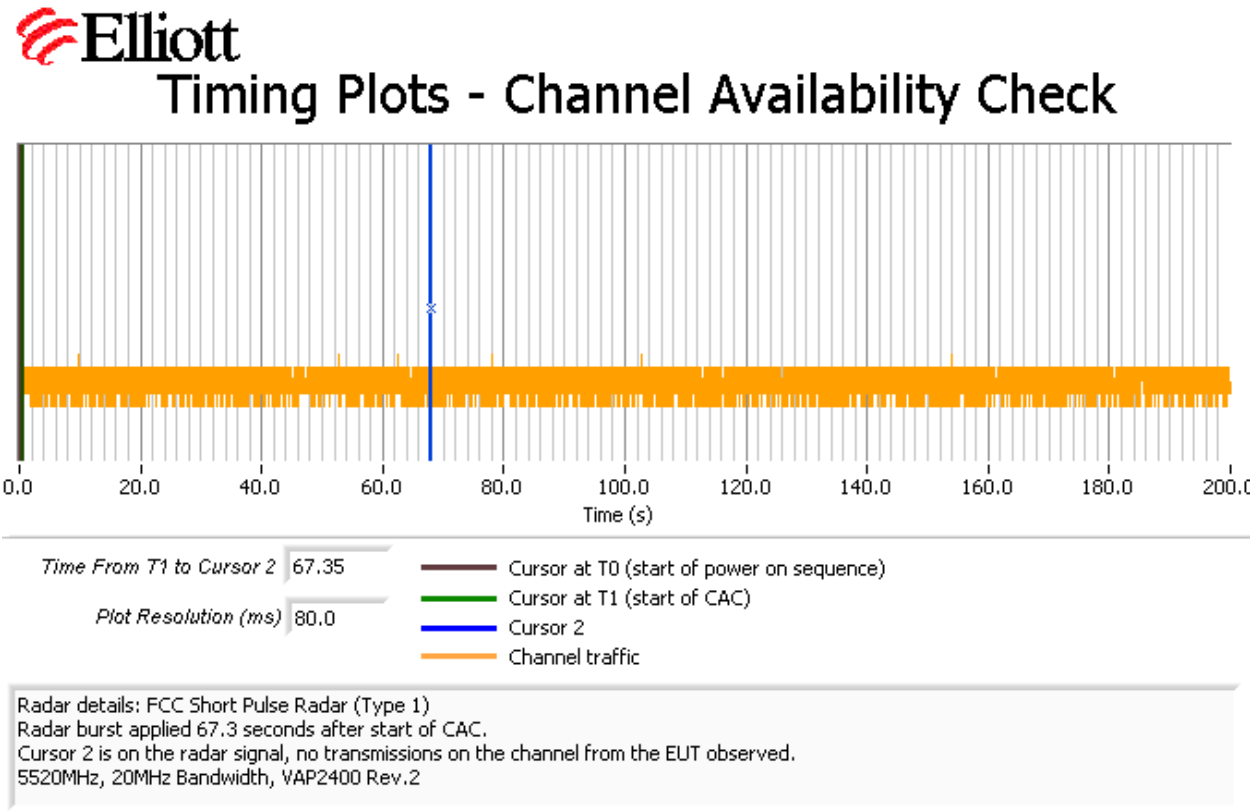


Figure 13 Radar Applied At End of CAC, n20

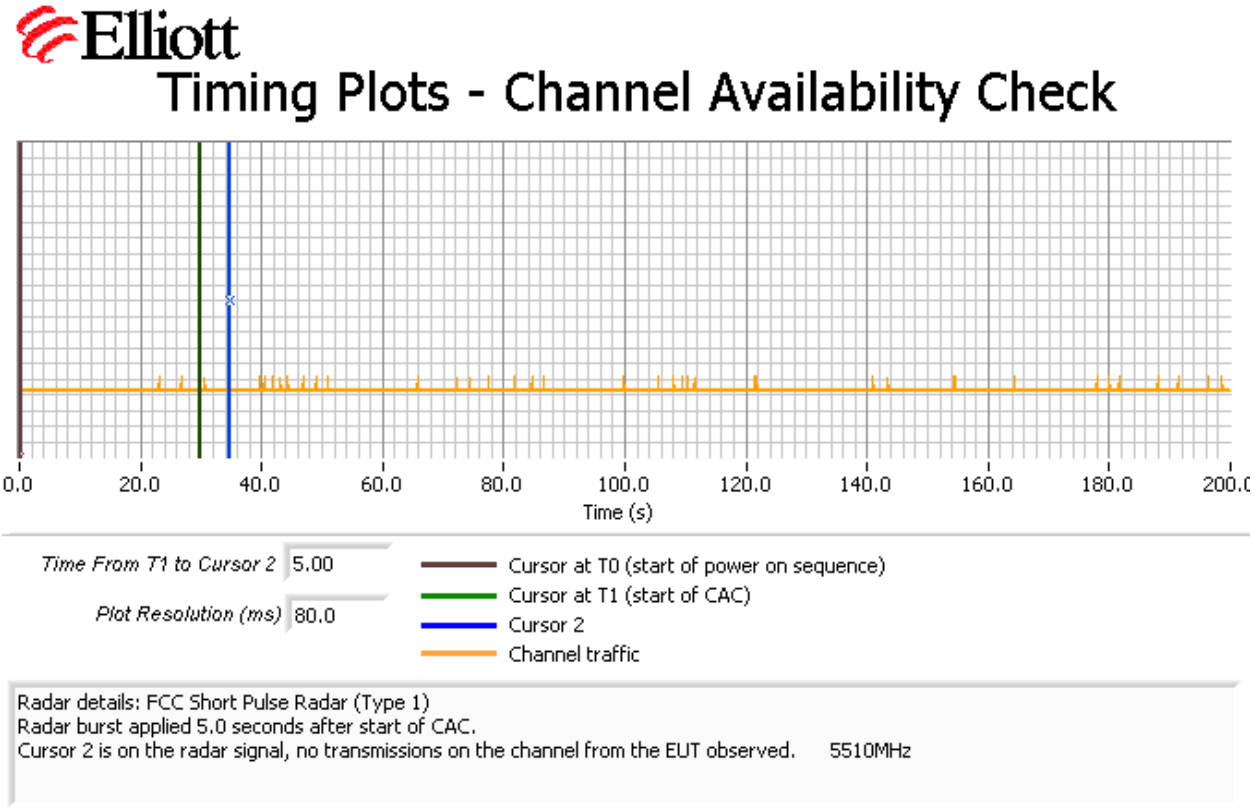


Figure 14 Radar Applied At Start of CAC, n40

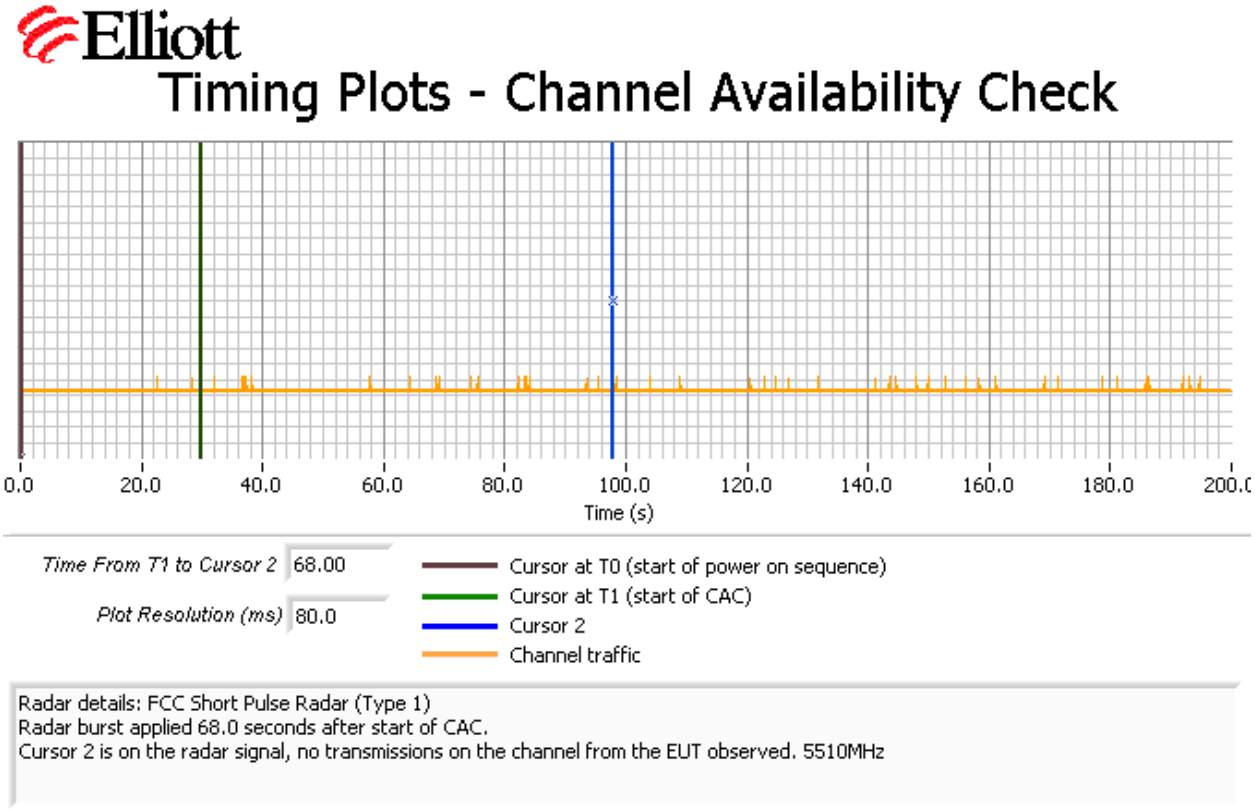
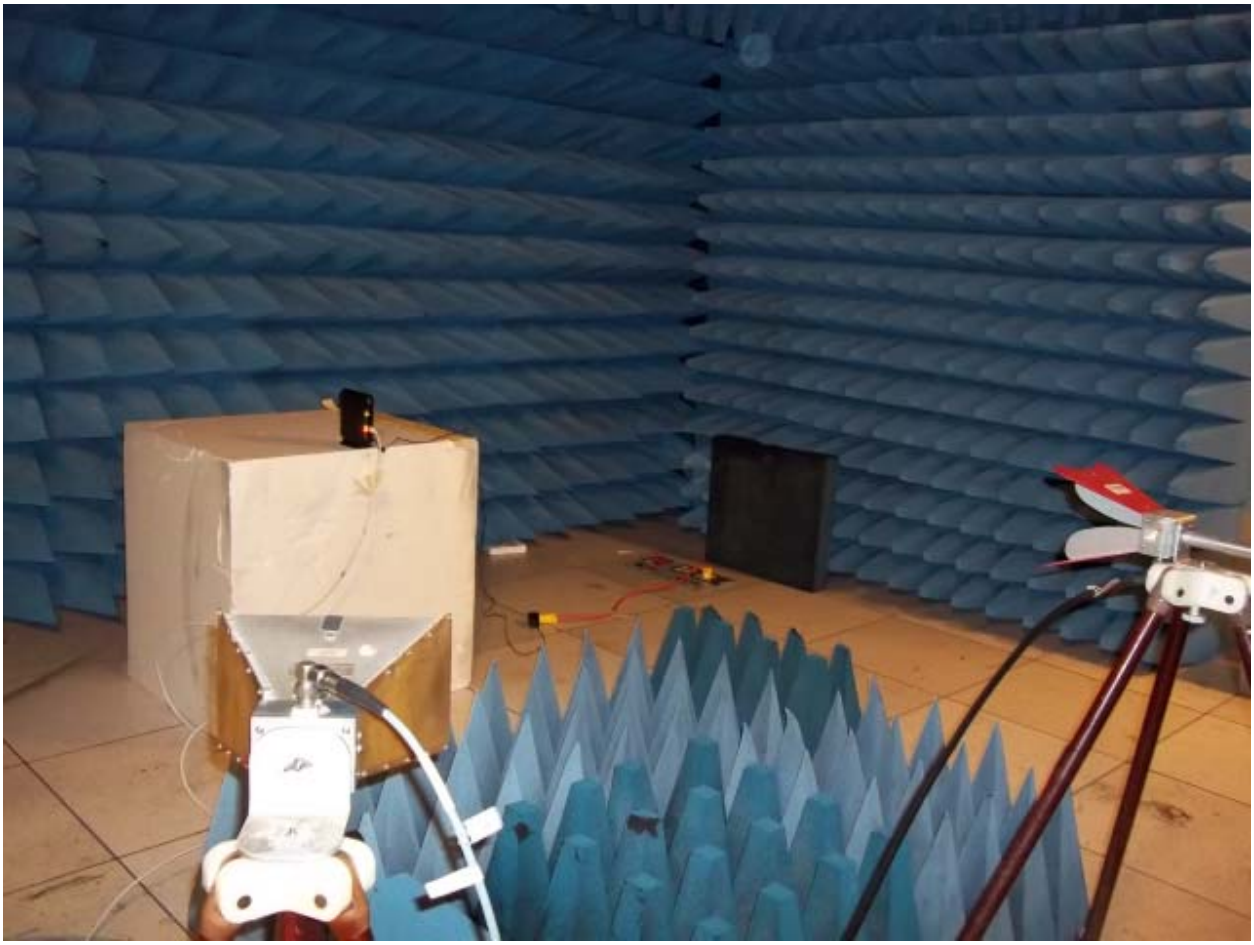


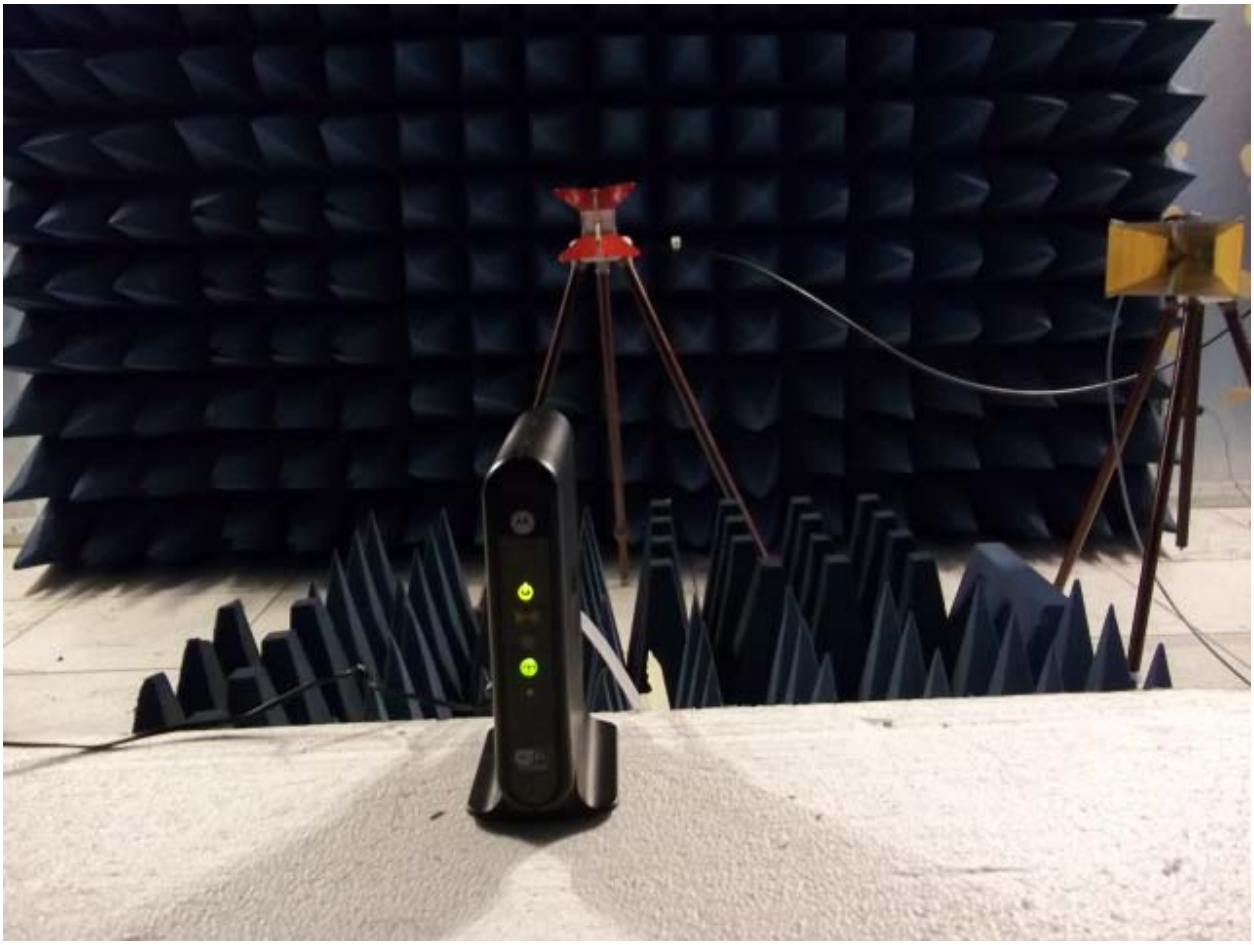
Figure 15 Radar Applied At End of CAC, n40

Appendix E Antenna Specification

Standard	IEEE 802.11n and 802.11 a
Frequency Range	4.9 to 5.9 GHz
Peak Gain	2.0 dbi @ 5.2 GHz
VSWR	2:1
Feed Impedance	50 Ohms
Power Handling	30 dBm
Interface	50 ohm, 1.13mm diameter, micro coax cable (available with optional U.FL compatible cable connector and/or cable mounted EMI ferrites)
Antenna Dimensions	21 x 8 x 0.5 (mm)
Weight	0.5 g (0.01 oz)
Temperature Range	Operating : -40° C to +75° C (-40° F to +167° F) Storage: -40° C to +85° C (-40° F to +185° F)
Humidity Range	0% to 95% non-condensing

Appendix F Test Configuration Photograph(s)





End of Report

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