

**TEST REPORT**

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

**FCC Part 15 Subpart E (UNII), RSS-210 Annex 9**

**Motorola Mobility  
Model(s): VAP2500  
FCC ID: ACQ-VAP2500  
IC: 109AS-VAP2500**

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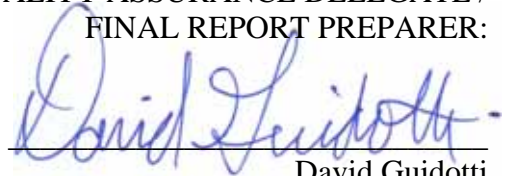
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**REVISION HISTORY**

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## *SCOPE*

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

- FCC Part 15 Subpart E Unlicensed National Information Infrastructure (U-NII) Devices.
- RSS-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 NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Motorola Mobility model VAP2500 and therefore apply only to the tested sample. The sample was selected and prepared by Herman Huang of Motorola Mobility.

## *OBJECTIVE*

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

## *STATEMENT OF COMPLIANCE*

The tested sample of the Motorola Mobility model VAP2500 complied with the DFS requirements of FCC Part 15.407(h)(2) and RSS-210 Annex 9.3.

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

## *DEVIATIONS FROM THE STANDARD*

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

**TEST RESULTS**

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

<b>Table 1 FCC Part 15 Subpart E Master Device Test Result Summary</b>						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5500MHz 5510MHz	70sec	≥ 60s	Appendix D	Pass
CAC Detection Threshold	Type 1	5500MHz 5510MHz	-64dBm	-64dBm (See note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5500MHz 5510MHz	-64 dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection n20 mode	Type 1	Varies	16 MHz	80% of the 99% BW	-	Pass
Bandwidth Detection n40 mode	Type 1	Varies	33 MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	5510MHz	0ms 21.04ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 1 Type 5	5510MHz	114ms 573ms	≤ 10s	Appendix C	Pass
Non-occupancy period	-	5510MHz	>1800s	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	-

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 2 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.

**MEASUREMENT UNCERTAINTIES**

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level, with a coverage factor (k=2) and were calculated in accordance with UKAS document LAB 34.

Measurement	Measurement Unit	Expanded Uncertainty
Timing (Channel move time, aggregate transmission time)	ms	Timing resolution +/- 0.24%
Timing (non occupancy period)	seconds	5 seconds
DFS Threshold (radiated)	dBm	1.6
DFS Threshold (conducted)	dBm	1.2

**EQUIPMENT UNDER TEST (EUT) DETAILS**

**GENERAL**

The Motorola Mobility model VAP2500 is a Video Access Point that is designed to operate either as a wireless access point or wireless client in a network. Since the EUT would be placed on a table top during operation, the EUT was treated as table-top equipment during testing to simulate the end-user environment. The electrical rating of the EUT is 120 Volts, 60 Hz, 12VDC/1Amp.

The sample was received on Date sample received and tested on May 16, 17, 18, 2012. The EUT consisted of the following component(s):

Manufacturer	Model	Description	MAC ID Number
Motorola	VAP2500	Video Access Point	20:E5:64:EF:D7:DD

**OTHER EUT DETAILS**

The EUT operates in the 5 GHz ISM bands using OFDM modulations (802.11a/n20/n40). It has four integral PCB antennas (2.0dBi each).

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
- 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)	2	2
Highest Antenna Gain (dBi)	2	2
EIRP Output Power (dBm)	23	25.1

- Power can exceed 200mW eirp in Master Device configuration only.

**Channel Protocol**

- IP Based
- Frame Based
- OTHER \_\_\_\_\_



**ENCLOSURE**

The EUT enclosure is primarily constructed of plastic. It measures approximately 3.5 cm wide by 10 cm deep by 14.5 cm high.

**MODIFICATIONS**

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

**SUPPORT EQUIPMENT**

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

Manufacturer	Model	Description	MAC ID Number	Serial Number	FCC ID
<i>Motorola</i>	<i>VAP2400</i>	<i>Video Access Station</i>	<i>CC:7D:37:FF:FD:7B</i>	<i>M91207YA0214</i>	<i>ACQ-VAP2400</i>

The italicized device was the client device.

**EUT INTERFACE PORTS**

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

Port	Connected To	Cable(s)		
		Description	Shielded or Unshielded	Length (m)
Ethernet	PC Laptop	Cat 5	Unshielded	10
AC Power	AC Mains	2 Wire	Unshielded	2

**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: AT.01.06

Client Device: 32.95.3

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

During the in-service monitoring detection probability 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**

<b>Table 2 FCC Short Pulse Radar Test Waveforms</b>					
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

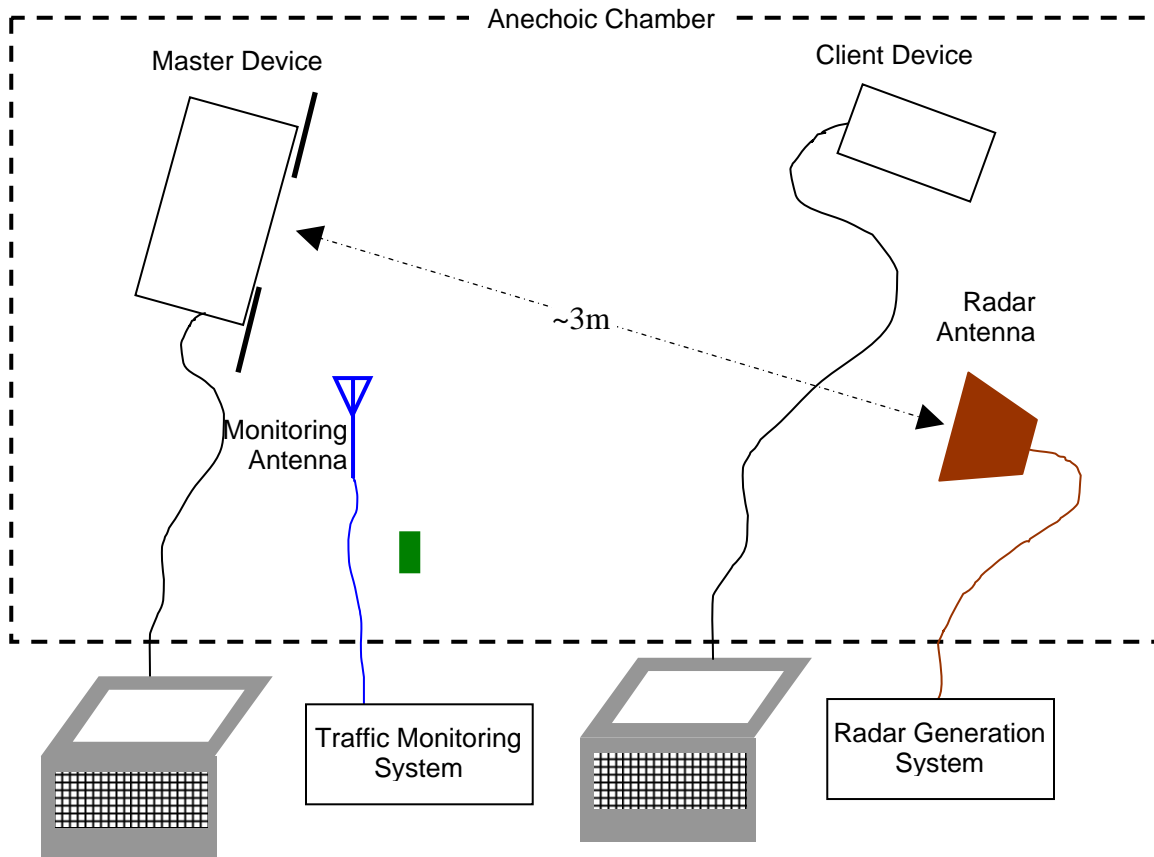
<b>Table 3 FCC Long Pulse Radar Test Waveforms</b>							
Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Pulses / burst	Number of Bursts	Minimum Detection Percentage	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

<b>Table 4 FCC Frequency Hopping Radar Test Waveforms</b>							
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses / hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Detection Percentage	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

**DFS TEST METHODS**

**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 unmodulated 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.

For devices with a client-mode that are being evaluated against FCC rules the manufacturer must supply an attestation letter stating that the client device does not employ any active scanning techniques (i.e. does not transmit in the DFS bands without authorization from a Master device).

*DFS CHANNEL AVAILABILITY CHECK TIME*

It is preferred that the EUT report when it starts the radar channel availability check. If the EUT does not report the start of the check time, then the time to start transmitting on a channel after switching the device on is measured to approximate the time from power-on to the end of the channel availability check. The start of the channel availability check is assumed to be 70 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 68 and 70 seconds after the start of CAC when evaluating a 70-second CAC) of the channel availability check.

*UNIFORM LOADING*

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

*TRANSMIT POWER CONTROL (TPC)*

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



## ***SAMPLE CALCULATIONS***

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

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

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

### ***THRESHOLD LEVEL***

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

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

**Appendix A Test Equipment Calibration Data**

<b><u>Manufacturer</u></b>	<b><u>Description</u></b>	<b><u>Model #</u></b>	<b><u>Asset #</u></b>	<b><u>Cal Due</u></b>
EMCO	Antenna, Horn, 1-18 GHz	3115	487	06-Jul-12
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	780	25-Jan-13
EMCO	Antenna, Horn, 1-18 GHz	3117	1662	04-June-12
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052 B	2118	07-Oct-12
Agilent	PSG, Performance Signal Generator, (installed options, HEH, HEC, 602, 420)	E8267C	2200	11-June-12

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

<b>Table 5 - _n20_Detection Bandwidth Measurements (Bandwidth: +7MHz /-8MHz )</b>					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	1	3	25
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	9	1	90
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	10	0	100

<b>Table 5 - _n20_Detection Bandwidth Measurements (Bandwidth: +7MHz /-8MHz )</b>					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	0	3	0

<b>Table 6 - _n40_Detection Bandwidth Measurements (Bandwidth: +16MHz /-16MHz )</b>					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	1	3	25
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
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

<b>Table 6 - _n40_Detection Bandwidth Measurements (Bandwidth: +16MHz /-16MHz )</b>					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
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
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

<b>Table 6 - _n40_Detection Bandwidth Measurements (Bandwidth: +16MHz /-16MHz )</b>					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
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

<b>Table 7 - Summary of All Results - _n20_</b>				
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)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	76.7 %	60.0 %	30	PASSED
Aggregate of above results	92.5 %	80.0 %	120	PASSED
Long Sequence	86.7 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	96.9 %	70.0 %	32	PASSED

<b>Table 8 - Summary of All Results - _n40_</b>				
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)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	93.3 %	60.0 %	30	PASSED
Aggregate of above results	98.3 %	80.0 %	120	PASSED
Long Sequence	93.3 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	33	PASSED

Table 9 - FCC Short Pulse Radar (Type 1) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:26:29 PM)
2	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:26:37 PM)
3	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:26:44 PM)
4	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:26:51 PM)
5	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:26:58 PM)
6	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:27:05 PM)
7	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:27:12 PM)
8	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:27:19 PM)
9	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:27:27 PM)
10	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:27:34 PM)
11	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:27:41 PM)
12	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:27:48 PM)
13	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:27:56 PM)
14	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:28:03 PM)
15	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:28:11 PM)
16	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:28:18 PM)
17	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:28:26 PM)
18	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:28:34 PM)
19	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:28:41 PM)
20	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:28:49 PM)
21	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:28:57 PM)
22	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:29:04 PM)
23	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:29:12 PM)
24	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:29:21 PM)
25	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:29:30 PM)
26	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:29:40 PM)



Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
27	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:29:48 PM)
28	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:29:55 PM)
29	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:30:02 PM)
30	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:30:09 PM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	26	2.4	218.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:30:50 PM)
2	25	3.2	180.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:31:00 PM)
3	25	1.4	157.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:31:09 PM)
4	25	3.4	186.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:31:18 PM)
5	27	1.9	225.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:31:25 PM)
6	28	4.7	177.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:31:34 PM)
7	25	2.0	151.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:31:42 PM)
8	24	4.7	203.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:31:51 PM)
9	25	1.1	203.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:31:57 PM)
10	27	3.8	169.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:32:04 PM)
11	25	4.2	219.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:32:12 PM)
12	29	2.0	206.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:32:19 PM)
13	26	4.1	168.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:32:28 PM)
14	29	4.4	168.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:32:35 PM)
15	29	3.3	166.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:32:42 PM)
16	28	4.9	152.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:32:49 PM)
17	24	4.7	225.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:32:58 PM)
18	25	4.4	151.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:33:05 PM)
19	25	2.4	199.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:33:13 PM)
20	25	2.7	161.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:33:21 PM)
21	29	2.1	170.0	Yes	5505.0MHz,	Single burst (05/17/2012 03:33:28 PM)

Table 10 - FCC Short Pulse Radar (Type 2) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	PM)
22	26	1.0	156.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:33:36 PM)
23	23	3.1	229.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:33:44 PM)
24	24	1.0	159.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:33:52 PM)
25	24	1.2	191.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:34:04 PM)
26	27	2.9	154.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:34:12 PM)
27	26	1.3	185.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:34:20 PM)
28	25	3.9	201.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:35:03 PM)
29	24	4.4	190.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:35:16 PM)
30	24	4.5	183.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:35:24 PM)

Table 11 - FCC Short Pulse Radar (Type 3) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	8.0	297.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:36:08 PM)
2	16	8.5	280.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:36:17 PM)
3	17	7.6	370.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:36:24 PM)
4	16	7.5	349.0	No	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:36:31 PM)
5	18	9.0	351.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:36:43 PM)
6	16	8.1	229.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:36:51 PM)
7	17	6.0	411.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:36:58 PM)
8	16	9.6	418.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:37:06 PM)
9	17	8.7	263.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:37:14 PM)
10	18	9.8	281.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:37:21 PM)
11	17	7.5	207.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:37:28 PM)
12	17	8.6	362.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:37:36 PM)
13	18	7.3	451.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:37:46 PM)
14	17	6.0	277.0	No	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:37:55 PM)
15	18	9.2	412.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:38:11 PM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
16	16	8.5	250.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:38:22 PM)
17	16	7.2	237.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:38:39 PM)
18	17	9.8	337.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:38:48 PM)
19	17	6.2	293.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:38:57 PM)
20	17	6.0	302.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:39:05 PM)
21	16	7.9	394.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:39:14 PM)
22	18	6.2	274.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:39:24 PM)
23	17	8.3	491.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:39:35 PM)
24	17	8.4	420.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:39:45 PM)
25	18	6.0	480.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:39:53 PM)
26	18	8.9	412.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:40:02 PM)
27	18	6.3	244.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:40:10 PM)
28	16	7.0	248.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:40:18 PM)
29	16	8.1	331.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:40:27 PM)
30	16	6.0	484.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:40:35 PM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	15.8	329.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:41:18 PM)
2	14	14.1	359.0	No	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:41:27 PM)
3	13	12.6	285.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:41:43 PM)
4	15	15.4	205.0	No	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:41:53 PM)
5	13	18.6	393.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:42:04 PM)
6	12	17.2	344.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:42:14 PM)
7	12	16.0	489.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:42:32 PM)
8	13	14.0	366.0	No	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:42:41 PM)
9	15	14.9	223.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:42:54 PM)

Table 12 - FCC Short Pulse Radar (Type 4) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
10	15	15.8	256.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:43:02 PM)
11	14	19.6	276.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:43:09 PM)
12	15	12.5	408.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:43:17 PM)
13	14	11.4	438.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:43:25 PM)
14	14	16.1	375.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:43:36 PM)
15	16	16.8	447.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:43:44 PM)
16	12	14.9	378.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:43:52 PM)
17	14	12.8	260.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:44:01 PM)
18	14	19.9	304.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:44:09 PM)
19	15	19.9	214.0	No	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:44:16 PM)
20	14	16.9	428.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:44:28 PM)
21	13	15.2	234.0	No	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:44:36 PM)
22	14	14.5	344.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:44:49 PM)
23	15	19.0	362.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:44:57 PM)
24	14	12.3	319.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:45:05 PM)
25	13	17.9	319.0	No	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:45:13 PM)
26	14	12.5	355.0	Yes	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:45:26 PM)
27	15	18.8	354.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:45:36 PM)
28	14	16.5	289.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 03:45:44 PM)
29	14	14.9	306.0	No	5495.0MHz, -64.0dBm	Single burst (05/17/2012 03:45:53 PM)
30	15	11.9	355.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 03:46:05 PM)

Table 13 - Long Sequence Waveform Summary _n20_		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5500.0MHz, -64.0dBm
Trial #2	Detected	5495.0MHz, -64.0dBm

Table 13 - Long Sequence Waveform Summary _n20_		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #3	NOT Detected	5505.0MHz, -64.0dBm
Trial #4	Detected	5500.0MHz, -64.0dBm
Trial #5	Detected	5495.0MHz, -64.0dBm
Trial #6	Detected	5505.0MHz, -64.0dBm
Trial #7	Detected	5500.0MHz, -64.0dBm
Trial #8	NOT Detected	5495.0MHz, -64.0dBm
Trial #9	Detected	5505.0MHz, -64.0dBm
Trial #10	Detected	5500.0MHz, -64.0dBm
Trial #11	Detected	5495.0MHz, -64.0dBm
Trial #12	Detected	5505.0MHz, -64.0dBm
Trial #13	Detected	5500.0MHz, -64.0dBm
Trial #14	Detected	5495.0MHz, -64.0dBm
Trial #15	Detected	5505.0MHz, -64.0dBm
Trial #16	Detected	5500.0MHz, -64.0dBm
Trial #17	Detected	5495.0MHz, -64.0dBm
Trial #18	Detected	5505.0MHz, -64.0dBm
Trial #19	Detected	5500.0MHz, -64.0dBm
Trial #20	NOT Detected	5495.0MHz, -64.0dBm
Trial #21	Detected	5505.0MHz, -64.0dBm
Trial #22	Detected	5500.0MHz, -64.0dBm
Trial #23	Detected	5495.0MHz, -64.0dBm
Trial #24	Detected	5505.0MHz, -64.0dBm
Trial #25	Detected	5500.0MHz, -64.0dBm
Trial #26	NOT Detected	5495.0MHz, -64.0dBm
Trial #27	Detected	5505.0MHz, -64.0dBm
Trial #28	Detected	5500.0MHz, -64.0dBm
Trial #29	Detected	5495.0MHz, -64.0dBm
Trial #30	Detected	5505.0MHz,

Table 13 - Long Sequence Waveform Summary _n20_		
Long Sequence Trial	Result	Radar Frequency / Amplitude
		-64.0dBm

Table 14 - _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 (s)
1	3	85.8	6	1051.0	1292.0	0.379223
2	3	81.2	6	1220.0	1810.0	0.674988
3	2	83.1	9	1809.0	-	1.516183
4	2	74.4	13	1726.0	-	1.984921
5	2	93.1	18	1830.0	-	3.122217
6	2	69.6	15	1798.0	-	3.373323
7	2	50.5	13	1667.0	-	4.021112
8	2	84.0	19	1817.0	-	4.906233
9	1	92.5	6	-	-	5.367684
10	2	83.0	15	1757.0	-	5.802798
11	2	63.5	13	1909.0	-	6.648146
12	1	72.4	6	-	-	7.129725
13	2	63.4	10	1771.0	-	8.082404
14	1	94.6	10	-	-	8.585624
15	1	69.4	16	-	-	9.136567
16	2	79.6	14	1684.0	-	9.665534
17	1	77.4	12	-	-	10.272459
18	2	57.5	14	1762.0	-	11.098309
19	2	56.5	12	1229.0	-	11.597117

Table 15 - _n20_ 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 (s)
1	2	69.4	6	1786.0	-	0.499608
2	1	55.2	16	-	-	1.084264
3	3	62.4	7	1984.0	1459.0	1.309303
4	2	73.2	15	1787.0	-	2.022095
5	2	70.2	16	1570.0	-	2.749398
6	2	85.2	16	1732.0	-	3.770014
7	1	62.7	14	-	-	4.290452
8	2	79.0	8	1856.0	-	4.789629
9	1	89.7	16	-	-	5.317691
10	3	61.2	6	1411.0	1494.0	5.796820
11	1	69.6	8	-	-	6.917868
12	2	62.3	18	1268.0	-	7.254157
13	2	76.3	19	1133.0	-	8.082666
14	2	62.2	19	1875.0	-	8.292096
15	2	94.0	10	1719.0	-	9.130046
16	1	70.7	19	-	-	10.066513
17	2	76.1	17	1051.0	-	10.259278
18	1	98.1	8	-	-	11.100996
19	1	94.1	10	-	-	11.694233

Table 16 - _n20_ Long Sequence Waveform Trial#3 (NOT Detected)						
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Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.4	8	1360.0	-	0.790051
2	2	50.6	11	1682.0	-	1.431285
3	2	89.3	20	1963.0	-	2.512543
4	2	54.9	8	1850.0	-	3.711034
5	2	72.3	7	1865.0	-	5.518400
6	2	60.7	13	1768.0	-	6.791988
7	2	58.8	18	1914.0	-	8.212556
8	2	76.9	7	1245.0	-	9.109310
9	2	73.7	13	1006.0	-	9.980656
10	3	56.7	17	1635.0	1120.0	11.693229

**Table 17 - \_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 (s)
1	3	91.6	15	1191.0	1324.0	0.005921
2	1	67.1	18	-	-	1.202109
3	2	87.4	19	1339.0	-	2.721941
4	2	62.3	20	1489.0	-	3.948216
5	1	72.2	16	-	-	4.690143
6	1	59.9	6	-	-	5.210428
7	2	80.7	8	1164.0	-	6.729741
8	2	59.2	19	1675.0	-	7.537047
9	2	85.1	20	1370.0	-	8.981553
10	1	97.1	14	-	-	9.313400
11	2	77.4	7	1138.0	-	10.412733
12	1	56.0	10	-	-	11.670805

**Table 18 - \_n20\_ 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 (s)
1	3	84.2	7	1258.0	1656.0	0.420779
2	2	94.8	14	1250.0	-	0.660614
3	2	99.9	11	1852.0	-	1.814688
4	2	99.0	8	1651.0	-	2.252529
5	2	77.0	9	1838.0	-	2.726097
6	2	55.8	5	1669.0	-	3.504323
7	2	51.2	10	1460.0	-	3.839162
8	1	87.9	9	-	-	4.462861
9	2	58.9	11	1758.0	-	5.181786
10	2	88.1	6	1913.0	-	5.827296
11	1	84.7	11	-	-	6.749146
12	3	87.2	15	1014.0	1471.0	6.970861
13	2	95.1	6	1004.0	-	7.956884
14	2	93.3	16	1656.0	-	8.626039
15	3	53.8	7	1123.0	1200.0	8.908023
16	1	98.4	14	-	-	9.654550
17	2	59.4	9	1782.0	-	10.575480
18	1	72.7	10	-	-	11.212815
19	2	82.0	16	1914.0	-	11.735269

**Table 19 - \_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 (s)
1	3	84.7	13	1310.0	1214.0	0.448500
2	1	98.2	9	-	-	0.888833
3	1	98.0	20	-	-	1.421853
4	2	85.9	13	1626.0	-	2.428233
5	2	91.3	12	1401.0	-	3.035673
6	1	50.2	16	-	-	3.541872
7	3	97.3	14	1408.0	1726.0	4.283081
8	3	50.7	8	1304.0	1185.0	5.031431
9	3	84.3	15	1127.0	1517.0	5.754468
10	2	81.1	20	1395.0	-	6.148004
11	2	91.1	6	1980.0	-	6.834512
12	2	91.7	16	1688.0	-	7.438318
13	1	54.4	5	-	-	8.546345
14	3	56.4	8	1754.0	1882.0	9.092823
15	2	85.6	10	1030.0	-	9.540115
16	3	73.0	19	1308.0	1408.0	10.546299
17	3	65.6	7	1510.0	1464.0	11.188732
18	3	80.3	10	1100.0	1762.0	11.478417

**Table 20 - \_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 (s)
1	2	84.2	14	1327.0	-	1.437439
2	1	89.9	13	-	-	2.192796
3	3	76.1	18	1163.0	1088.0	4.060257
4	2	72.5	18	1760.0	-	4.683968
5	2	69.7	11	1907.0	-	6.197675
6	1	86.7	11	-	-	7.950869
7	3	88.3	11	1765.0	1233.0	10.248323
8	2	60.3	16	1078.0	-	11.939129

**Table 21 - \_n20\_ Long Sequence Waveform Trial#8 (NOT Detected)**

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	56.9	14	1566.0	-	0.378922
2	2	50.8	13	1545.0	-	1.345627
3	1	69.3	13	-	-	1.962839
4	3	66.7	18	1996.0	1237.0	3.223609
5	1	82.0	13	-	-	3.483578
6	2	70.7	11	1790.0	-	4.353930
7	2	82.3	14	1513.0	-	5.932627
8	3	69.6	16	1963.0	1958.0	6.084253
9	3	99.1	5	1194.0	1883.0	7.154788
10	2	92.0	12	1830.0	-	7.810261
11	2	51.7	7	1131.0	-	8.879639
12	1	55.7	17	-	-	9.745374
13	3	53.0	7	1525.0	1441.0	11.123164
14	2	99.7	20	1803.0	-	11.520272

**Table 22 - \_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 (s)
1	2	56.2	18	1728.0	-	0.207318
2	1	66.2	9	-	-	1.248251
3	3	86.5	13	1593.0	1550.0	1.342583
4	3	91.9	9	1340.0	1313.0	2.438676
5	2	70.2	19	1917.0	-	2.910430
6	2	64.5	7	1257.0	-	3.278079
7	1	53.9	15	-	-	4.325027
8	1	61.4	15	-	-	4.531841
9	2	73.4	18	1871.0	-	5.511009
10	1	77.8	10	-	-	5.922767
11	3	79.1	18	1205.0	1048.0	6.338282
12	3	52.4	9	1058.0	1196.0	7.348937
13	3	80.2	19	1892.0	1960.0	7.879259
14	3	82.8	7	1975.0	1611.0	8.400285
15	3	53.0	11	1768.0	1051.0	9.163198
16	3	65.9	15	1318.0	1005.0	9.703277
17	1	61.5	19	-	-	10.500040
18	2	96.9	13	1221.0	-	10.870512
19	2	70.3	8	1326.0	-	11.883828

**Table 23 - \_n20\_ 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 (s)
1	3	72.5	15	1301.0	1835.0	0.410266
2	1	91.8	8	-	-	1.664555
3	2	72.1	14	1588.0	-	3.046192
4	2	83.4	11	1009.0	-	4.329936
5	3	85.6	17	1139.0	1354.0	5.790130
6	1	69.6	19	-	-	7.591289
7	2	74.0	19	1743.0	-	9.152431
8	2	66.0	7	1468.0	-	9.348482
9	3	70.6	18	1281.0	1326.0	11.941032

**Table 24 - \_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 (s)
1	2	64.8	5	1932.0	-	0.095263
2	1	78.3	16	-	-	0.875020
3	1	77.1	18	-	-	1.816915
4	2	91.6	7	1413.0	-	2.414391
5	3	80.9	19	1766.0	1773.0	3.296983
6	2	93.7	7	1355.0	-	3.337954
7	3	74.0	14	1166.0	1657.0	4.336745
8	1	97.2	14	-	-	4.805153
9	2	54.3	17	1960.0	-	5.948701
10	2	97.1	11	1330.0	-	6.648957
11	3	69.6	9	1785.0	1098.0	7.167624
12	2	89.0	9	1579.0	-	7.437765
13	3	96.6	17	1844.0	1990.0	8.088557
14	2	93.7	9	1522.0	-	8.785640
15	2	96.4	16	1553.0	-	9.605172
16	2	68.2	20	1130.0	-	10.528668

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
17	2	63.8	7	1752.0	-	11.291406
18	1	62.9	15	-	-	11.880080

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	80.7	19	-	-	0.059369
2	3	60.7	15	1343.0	1690.0	2.392281
3	1	83.3	12	-	-	3.821138
4	2	76.5	18	1720.0	-	4.066682
5	1	74.9	7	-	-	6.067548
6	3	81.9	5	1406.0	1032.0	6.749341
7	2	75.5	6	1003.0	-	9.201404
8	3	67.2	10	1460.0	1332.0	9.496557
9	2	89.7	10	1415.0	-	10.869367

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.2	11	1951.0	1222.0	0.224640
2	1	77.7	17	-	-	1.231665
3	1	89.7	12	-	-	1.466361
4	3	89.7	19	1447.0	1676.0	2.094923
5	2	87.2	11	1413.0	-	2.762562
6	3	95.8	18	1708.0	1738.0	3.630221
7	3	92.6	15	1828.0	1607.0	4.386160
8	1	91.6	16	-	-	4.425801
9	1	94.4	19	-	-	5.339923
10	2	99.3	14	1541.0	-	5.962959
11	2	99.5	12	1240.0	-	6.567180
12	3	80.7	18	1295.0	1168.0	7.305072
13	1	94.1	9	-	-	7.613119
14	1	59.1	15	-	-	8.676514
15	2	78.8	10	1768.0	-	9.246593
16	2	52.3	13	1840.0	-	9.922398
17	1	64.2	7	-	-	10.491797
18	2	77.7	12	1319.0	-	10.858002
19	1	76.1	7	-	-	11.844331

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	89.3	12	1708.0	1901.0	0.165331
2	2	99.4	14	1870.0	-	1.143006
3	2	96.2	17	1179.0	-	1.852464
4	1	51.6	9	-	-	3.421080
5	2	61.6	15	1433.0	-	3.865899
6	2	75.8	15	1493.0	-	5.324922
7	2	50.9	12	1565.0	-	6.016247

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
8	1	91.4	18	-	-	7.221440
9	2	71.7	17	1687.0	-	7.402386
10	1	87.4	16	-	-	8.918501
11	2	67.7	18	1292.0	-	9.441294
12	2	89.2	9	1530.0	-	10.415811
13	2	80.2	19	1828.0	-	11.372654

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	78.4	15	1173.0	1095.0	0.589281
2	1	55.9	17	-	-	1.182843
3	1	96.5	15	-	-	2.243710
4	2	68.6	10	1472.0	-	2.460433
5	2	99.9	8	1658.0	-	3.281144
6	2	80.4	7	1176.0	-	4.127011
7	2	92.2	8	1143.0	-	5.214194
8	2	63.9	8	1714.0	-	5.890704
9	3	60.6	18	1667.0	1448.0	6.724051
10	2	85.4	12	1694.0	-	7.993856
11	3	57.6	12	1854.0	1699.0	8.120674
12	1	97.6	20	-	-	9.412192
13	2	99.4	13	1322.0	-	9.953935
14	3	56.3	9	1999.0	1999.0	10.558799
15	2	68.6	10	1841.0	-	11.349483

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.6	13	1411.0	1159.0	0.580401
2	2	85.1	9	1137.0	-	1.759295
3	1	69.6	13	-	-	2.968903
4	2	89.8	11	1763.0	-	3.415896
5	3	73.4	12	1890.0	1079.0	4.661755
6	3	73.1	13	1089.0	1133.0	6.411786
7	3	50.8	17	1330.0	1842.0	7.546709
8	1	75.4	18	-	-	8.487897
9	1	63.2	10	-	-	8.997699
10	2	84.4	16	1183.0	-	10.023612
11	2	60.8	10	1537.0	-	11.465227

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	78.0	9	-	-	0.473648
2	3	56.9	15	1707.0	1415.0	0.915961
3	2	75.8	15	1628.0	-	1.675283
4	2	90.1	6	1983.0	-	2.327475
5	1	64.0	6	-	-	2.786609

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
6	3	94.9	18	1452.0	1955.0	3.525837
7	3	79.8	17	1333.0	1234.0	4.161928
8	1	100.0	16	-	-	4.936688
9	3	53.2	11	1252.0	1099.0	5.567491
10	2	66.5	18	1369.0	-	5.952620
11	3	89.9	12	1886.0	1733.0	6.410018
12	2	70.5	7	1381.0	-	7.367565
13	2	88.2	20	1172.0	-	8.044779
14	2	60.0	18	1180.0	-	8.444053
15	2	65.4	10	1626.0	-	9.064186
16	2	89.4	17	1264.0	-	9.529391
17	3	52.9	19	1366.0	1308.0	10.369714
18	3	81.8	14	1651.0	1391.0	11.109039
19	3	84.1	17	1245.0	1380.0	11.437961

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.6	18	1276.0	-	0.584636
2	2	68.3	9	1672.0	-	1.484800
3	3	90.4	18	1398.0	1314.0	2.143062
4	3	63.3	14	1967.0	1477.0	2.490059
5	3	88.8	11	1565.0	1731.0	3.947041
6	2	83.0	19	1681.0	-	4.602731
7	2	96.5	16	1195.0	-	5.103039
8	1	71.2	19	-	-	6.071143
9	2	79.1	17	1684.0	-	6.494859
10	3	90.3	19	1236.0	1716.0	7.513984
11	2	92.8	18	1163.0	-	8.262669
12	2	84.8	7	1344.0	-	9.331464
13	3	89.9	7	1014.0	1637.0	9.958324
14	3	53.1	15	1268.0	1987.0	10.565889
15	2	73.1	19	1533.0	-	11.858466

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	58.4	11	-	-	0.370751
2	3	90.9	8	1822.0	1989.0	1.427159
3	2	79.5	16	1318.0	-	1.843166
4	1	78.6	8	-	-	2.912807
5	1	91.5	13	-	-	3.328962
6	2	95.5	9	1684.0	-	4.428733
7	2	77.5	14	1642.0	-	4.863602
8	3	80.2	6	1499.0	1993.0	6.246279
9	2	57.1	15	1521.0	-	6.560756
10	2	94.9	10	1553.0	-	7.715501
11	2	73.7	16	1518.0	-	8.336006
12	3	77.3	5	1266.0	1717.0	9.175544
13	3	81.8	14	1506.0	1776.0	9.801217

<b>Table 32 - _n20_ Long Sequence Waveform Trial#19 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
14	2	91.1	19	1400.0	-	10.916729
15	3	87.9	12	1925.0	1718.0	11.530895

<b>Table 33 - _n20_ Long Sequence Waveform Trial#20 (NOT Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	97.2	14	1689.0	-	0.989880
2	1	92.8	10	-	-	2.161004
3	3	60.4	14	1807.0	1518.0	4.150758
4	3	55.3	11	1736.0	1929.0	4.853518
5	3	60.2	10	1453.0	1412.0	7.302112
6	3	81.8	12	1383.0	1369.0	7.892499
7	2	92.8	10	1218.0	-	9.599437
8	2	78.9	7	1505.0	-	11.811248

<b>Table 34 - _n20_ Long Sequence Waveform Trial#21 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	63.0	12	1910.0	1415.0	0.634610
2	2	81.1	18	1806.0	-	1.316743
3	1	52.4	9	-	-	2.950091
4	3	62.3	13	1677.0	1385.0	3.349512
5	2	60.2	19	1094.0	-	4.948387
6	1	98.9	5	-	-	5.224318
7	3	62.7	12	1186.0	1539.0	6.643216
8	1	54.5	14	-	-	7.716689
9	2	82.1	9	1535.0	-	8.338997
10	2	77.7	8	1249.0	-	9.927494
11	1	88.6	20	-	-	10.525732
12	1	80.1	9	-	-	11.462903

<b>Table 35 - _n20_ Long Sequence Waveform Trial#22 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	58.1	17	1998.0	1432.0	0.762203
2	1	85.9	18	-	-	1.126802
3	2	84.8	20	1035.0	-	1.875467
4	2	60.6	14	1925.0	-	3.036846
5	2	61.5	11	1701.0	-	4.329768
6	1	57.0	11	-	-	4.950083
7	2	92.9	12	1767.0	-	6.240526
8	3	83.9	12	1412.0	1793.0	6.505249
9	2	60.6	16	1803.0	-	7.620624
10	1	65.2	6	-	-	8.896828
11	3	84.2	5	1410.0	1796.0	9.666149
12	2	92.7	7	1895.0	-	10.936773
13	2	88.3	16	1839.0	-	11.925546

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	54.3	16	1573.0	1065.0	0.224085
2	2	53.0	11	1161.0	-	1.423612
3	2	60.4	10	1839.0	-	2.012665
4	1	51.2	14	-	-	2.699928
5	2	60.3	10	1539.0	-	4.107184
6	3	60.7	15	1579.0	1638.0	4.491798
7	2	90.7	6	1278.0	-	5.913394
8	2	81.9	11	1965.0	-	6.421914
9	2	85.6	7	1607.0	-	7.250249
10	2	94.3	9	1117.0	-	8.421599
11	1	82.7	15	-	-	8.683889
12	2	52.6	16	1506.0	-	10.261848
13	1	98.7	10	-	-	10.344841
14	1	58.5	6	-	-	11.385950

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	84.9	8	-	-	0.448325
2	1	96.2	19	-	-	1.625127
3	2	92.5	5	1988.0	-	2.283173
4	2	62.9	16	1001.0	-	3.986832
5	2	55.6	14	1677.0	-	5.364126
6	3	73.3	6	1968.0	1063.0	6.507773
7	3	82.5	14	1958.0	1798.0	7.136979
8	2	56.9	15	1192.0	-	7.638440
9	2	52.6	8	1255.0	-	9.558351
10	2	64.3	7	1395.0	-	10.007573
11	2	98.1	19	1594.0	-	11.414776

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	93.8	17	1988.0	1215.0	0.173544
2	2	82.5	18	1072.0	-	1.823902
3	2	72.5	11	1171.0	-	2.749470
4	1	61.3	14	-	-	3.948646
5	1	66.0	14	-	-	5.005205
6	2	69.1	8	1881.0	-	6.804547
7	2	97.7	19	1616.0	-	8.247784
8	2	75.6	12	1425.0	-	9.537167
9	2	63.5	5	1580.0	-	10.754865
10	2	98.4	6	1124.0	-	11.459262

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	91.0	13	1650.0	1523.0	0.650882
2	1	69.2	6	-	-	1.559136

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
3	2	74.9	20	1071.0	-	2.554658
4	3	66.8	16	1354.0	1667.0	3.713775
5	3	86.4	12	1117.0	1780.0	4.762240
6	3	65.2	9	1602.0	1558.0	5.646822
7	2	65.8	15	1051.0	-	7.113584
8	2	69.8	15	1403.0	-	7.920077
9	2	66.7	9	1671.0	-	9.807007
10	2	89.5	11	1888.0	-	10.000993
11	2	58.8	8	1979.0	-	11.849664

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.4	6	1938.0	-	0.793666
2	2	70.1	6	1481.0	-	1.496492
3	1	69.2	20	-	-	2.713554
4	3	64.3	19	1812.0	1105.0	3.050942
5	1	87.3	14	-	-	4.283443
6	3	61.4	14	1583.0	1043.0	4.877198
7	3	57.4	9	1351.0	1086.0	5.688793
8	2	61.9	11	1038.0	-	6.802264
9	2	54.4	9	1835.0	-	8.248679
10	2	61.9	15	1421.0	-	8.648891
11	2	61.3	11	1599.0	-	9.894991
12	2	96.0	12	1566.0	-	10.478463
13	3	86.8	17	1465.0	1232.0	11.579884

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	87.8	11	1040.0	-	0.674366
2	1	50.6	15	-	-	1.295255
3	2	77.2	19	1896.0	-	1.927468
4	1	60.6	5	-	-	2.550604
5	1	84.6	11	-	-	3.459598
6	3	83.0	14	1830.0	1233.0	3.872739
7	1	75.4	10	-	-	4.726901
8	2	62.9	18	1735.0	-	5.460470
9	2	64.3	17	1870.0	-	6.636484
10	2	78.2	6	1961.0	-	7.485648
11	1	55.6	18	-	-	7.905215
12	2	56.7	11	1780.0	-	8.437961
13	2	93.7	6	1484.0	-	9.534228
14	2	94.0	5	1153.0	-	10.442740
15	1	62.0	20	-	-	10.742877
16	2	84.4	11	1437.0	-	11.632904

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.3	17	1577.0	-	0.542493
2	2	78.5	19	1088.0	-	1.173150
3	3	90.7	14	1767.0	1070.0	1.990925
4	1	90.5	18	-	-	2.939703
5	2	61.6	12	1054.0	-	3.476866
6	2	73.8	6	1744.0	-	4.731169
7	2	90.0	11	1351.0	-	5.953391
8	2	74.0	17	1359.0	-	6.090032
9	2	88.0	19	1248.0	-	7.183058
10	3	86.0	8	1870.0	1222.0	7.892470
11	3	73.2	16	1593.0	1734.0	9.143065
12	2	78.4	8	1582.0	-	10.166212
13	3	53.2	18	1275.0	1054.0	10.514463
14	2	91.7	19	1397.0	-	11.758769

**Table 43 - \_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 (s)
1	2	55.8	7	1244.0	-	0.384183
2	2	75.0	9	1139.0	-	1.363078
3	3	50.3	9	1589.0	1555.0	3.315543
4	3	69.4	17	1903.0	1939.0	3.769322
5	1	65.1	10	-	-	5.762367
6	3	77.3	8	1138.0	1283.0	6.254263
7	3	93.8	9	1883.0	1266.0	7.907609
8	2	75.8	6	1501.0	-	8.579800
9	1	74.6	11	-	-	10.713801
10	1	83.8	8	-	-	11.229316

**Table 44 - FCC frequency hopping radar (Type 6) Results \_n20\_**

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
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Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5580, 5547, 5577, 5357, 5342, 5430, 5481, 5712, 5536, 5298, 5642, 5588, 5575, 5599, 5607, 5696, 5455, 5527, 5344, 5260, 5361, 5659, 5563, 5631, 5484, 5251, 5604, 5276, 5306, 5603, 5725, 5413, 5525, 5522, 5254, 5682, 5530, 5498, 5612, 5568, 5503, 5405, 5363, 5722, 5314, 5447, 5258, 5387, 5465, 5274, 5463, 5647, 5702, 5492, 5487, 5425, 5359, 5486, 5292, 5395, 5384, 5423, 5313, 5675, 5711, 5658, 5434, 5707, 5699, 5460, 5257, 5261, 5326, 5526, 5397, 5703, 5362, 5317, 5305, 5321, 5576, 5380, 5621, 5408, 5462, 5337, 5500, 5557, 5367, 5512, 5288, 5341, 5339, 5535, 5710, 5435, 5491, 5429, 5394, 5329 (4 hits) (05/17/2012 04:48:37 PM)
2	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5352, 5546, 5312, 5274, 5337, 5270, 5380, 5255, 5447, 5549, 5444, 5262, 5643, 5548, 5272, 5714, 5649, 5432, 5466, 5418, 5658, 5661, 5284, 5391, 5375, 5389, 5636, 5251, 5585, 5437, 5283, 5461, 5340, 5506, 5327, 5570, 5594, 5390, 5294, 5574, 5592, 5537, 5587, 5578, 5564, 5606, 5376, 5275, 5513, 5699, 5370, 5401, 5325, 5612, 5459, 5678, 5577, 5579, 5267, 5304, 5433, 5361, 5366, 5472, 5483, 5626, 5443, 5559, 5527, 5446, 5470, 5646, 5322, 5581, 5703, 5367, 5534, 5407, 5519, 5404, 5571, 5453, 5434, 5632, 5285, 5611, 5635, 5368, 5525, 5721, 5263, 5568, 5315, 5282, 5725, 5595, 5539, 5710, 5530, 5575 (1 hits) (05/17/2012 04:48:45 PM)
3	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5306, 5717, 5579, 5649, 5291, 5533, 5369, 5528, 5359, 5639, 5404, 5515, 5293, 5452, 5640, 5680, 5490, 5413, 5263, 5488, 5301, 5385, 5327, 5658, 5357, 5446, 5365, 5374, 5690, 5430, 5519, 5279, 5671, 5254, 5434, 5451, 5371, 5432, 5402, 5630, 5387, 5547, 5383, 5705, 5518, 5723, 5534, 5522, 5644, 5675, 5336, 5335, 5323,

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5420, 5398, 5470, 5725, 5453, 5509, 5712, 5461, 5389, 5541, 5513, 5449, 5632, 5562, 5506, 5563, 5428, 5554, 5307, 5516, 5489, 5542, 5250, 5329, 5631, 5288, 5665, 5588, 5605, 5504, 5661, 5344, 5351, 5346, 5668, 5638, 5358, 5474, 5502, 5670, 5333, 5507, 5571, 5270, 5612, 5647, 5560 (4 hits) (05/17/2012 04:48:52 PM)
4	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5342, 5369, 5401, 5251, 5545, 5305, 5259, 5362, 5300, 5667, 5687, 5408, 5403, 5632, 5589, 5505, 5628, 5359, 5304, 5487, 5296, 5693, 5258, 5662, 5680, 5321, 5502, 5585, 5287, 5320, 5530, 5448, 5609, 5289, 5467, 5432, 5558, 5713, 5292, 5314, 5504, 5475, 5469, 5465, 5592, 5636, 5393, 5615, 5534, 5485, 5484, 5477, 5409, 5279, 5337, 5666, 5574, 5641, 5618, 5681, 5549, 5449, 5612, 5607, 5603, 5411, 5645, 5427, 5414, 5317, 5366, 5373, 5412, 5280, 5486, 5446, 5490, 5587, 5473, 5309, 5376, 5442, 5551, 5686, 5269, 5370, 5514, 5559, 5383, 5516, 5709, 5257, 5503, 5254, 5613, 5398, 5488, 5315, 5460, 5365 (4 hits) (05/17/2012 04:49:00 PM)
5	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5362, 5257, 5339, 5395, 5554, 5465, 5711, 5431, 5700, 5674, 5657, 5579, 5423, 5399, 5625, 5324, 5520, 5526, 5436, 5387, 5275, 5417, 5439, 5664, 5507, 5506, 5628, 5471, 5696, 5550, 5259, 5634, 5661, 5308, 5453, 5447, 5681, 5584, 5593, 5563, 5499, 5309, 5388, 5542, 5381, 5690, 5666, 5441, 5435, 5304, 5548, 5541, 5483, 5479, 5330, 5432, 5505, 5268, 5713, 5459, 5588, 5340, 5462, 5610, 5256, 5509, 5269, 5631, 5508, 5279, 5597, 5485, 5687, 5251, 5686, 5424, 5260, 5446, 5604, 5515, 5352, 5514, 5718, 5271, 5413, 5316, 5473, 5679, 5444, 5298, 5449, 5401, 5291, 5502, 5622, 5639, 5725, 5658, 5357, 5644 (5 hits) (05/17/2012 04:49:07 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
6	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5283, 5645, 5590, 5597, 5699, 5644, 5478, 5270, 5323, 5571, 5529, 5405, 5425, 5511, 5394, 5705, 5268, 5685, 5596, 5499, 5707, 5356, 5305, 5671, 5346, 5419, 5461, 5430, 5588, 5677, 5541, 5667, 5521, 5601, 5266, 5501, 5603, 5401, 5674, 5420, 5296, 5295, 5648, 5600, 5393, 5579, 5659, 5473, 5494, 5391, 5484, 5422, 5534, 5520, 5586, 5307, 5566, 5620, 5686, 5259, 5524, 5460, 5573, 5675, 5669, 5301, 5607, 5570, 5398, 5572, 5369, 5355, 5358, 5331, 5605, 5481, 5641, 5457, 5381, 5643, 5411, 5668, 5480, 5416, 5710, 5606, 5670, 5291, 5290, 5443, 5474, 5317, 5367, 5255, 5626, 5482, 5257, 5598, 5587, 5267 (3 hits) (05/17/2012 04:49:15 PM)
7	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5450, 5304, 5593, 5270, 5250, 5292, 5375, 5686, 5319, 5659, 5511, 5397, 5313, 5256, 5422, 5365, 5288, 5613, 5720, 5658, 5403, 5275, 5362, 5691, 5278, 5423, 5430, 5290, 5502, 5454, 5322, 5648, 5371, 5328, 5418, 5600, 5721, 5587, 5299, 5311, 5503, 5305, 5398, 5539, 5392, 5617, 5448, 5445, 5258, 5324, 5620, 5519, 5528, 5466, 5417, 5390, 5340, 5601, 5421, 5255, 5373, 5279, 5523, 5284, 5433, 5443, 5672, 5642, 5717, 5367, 5719, 5400, 5464, 5480, 5517, 5293, 5595, 5505, 5547, 5349, 5471, 5496, 5578, 5710, 5266, 5339, 5301, 5688, 5321, 5399, 5316, 5252, 5696, 5347, 5581, 5271, 5676, 5606, 5359, 5291 (4 hits) (05/17/2012 04:49:21 PM)
8	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5645, 5401, 5394, 5342, 5543, 5641, 5620, 5383, 5720, 5271, 5596, 5266, 5455, 5384, 5416, 5315, 5718, 5375, 5530, 5631, 5323, 5298, 5363, 5446, 5381, 5504, 5531, 5606, 5676, 5397, 5648, 5715, 5457, 5259, 5721, 5692, 5306, 5439, 5569, 5370, 5470, 5349, 5451, 5581, 5629, 5717, 5527, 5513, 5333, 5366, 5664, 5312, 5634,

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5613, 5268, 5508, 5550, 5386, 5535, 5491, 5257, 5561, 5514, 5283, 5359, 5549, 5594, 5526, 5475, 5479, 5395, 5380, 5321, 5573, 5345, 5518, 5568, 5483, 5297, 5524, 5525, 5699, 5299, 5693, 5348, 5289, 5670, 5639, 5567, 5585, 5663, 5430, 5517, 5706, 5586, 5655, 5708, 5511, 5548, 5392 (1 hits) (05/17/2012 04:49:29 PM)
9	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5499, 5365, 5305, 5323, 5280, 5689, 5565, 5277, 5550, 5473, 5420, 5581, 5460, 5322, 5374, 5610, 5423, 5632, 5544, 5559, 5693, 5481, 5377, 5373, 5710, 5723, 5543, 5258, 5664, 5546, 5627, 5405, 5711, 5490, 5510, 5707, 5367, 5444, 5478, 5282, 5493, 5390, 5592, 5495, 5376, 5572, 5477, 5471, 5721, 5352, 5342, 5574, 5725, 5561, 5466, 5675, 5439, 5339, 5268, 5285, 5363, 5354, 5504, 5303, 5335, 5300, 5298, 5396, 5331, 5507, 5621, 5329, 5431, 5451, 5708, 5340, 5458, 5501, 5343, 5455, 5415, 5487, 5278, 5360, 5306, 5720, 5391, 5317, 5660, 5454, 5569, 5494, 5364, 5619, 5717, 5318, 5330, 5358, 5472, 5263 (7 hits) (05/17/2012 04:49:37 PM)
10	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5590, 5513, 5428, 5329, 5647, 5250, 5404, 5492, 5622, 5534, 5670, 5363, 5668, 5707, 5583, 5510, 5517, 5578, 5321, 5625, 5375, 5507, 5448, 5340, 5697, 5407, 5325, 5661, 5551, 5362, 5679, 5475, 5722, 5478, 5539, 5263, 5516, 5332, 5633, 5374, 5402, 5662, 5685, 5577, 5313, 5333, 5259, 5453, 5337, 5390, 5604, 5482, 5289, 5570, 5554, 5353, 5414, 5398, 5708, 5369, 5341, 5695, 5306, 5676, 5677, 5419, 5301, 5631, 5525, 5360, 5505, 5302, 5282, 5361, 5603, 5589, 5285, 5388, 5644, 5709, 5352, 5436, 5665, 5519, 5498, 5433, 5456, 5327, 5391, 5723, 5446, 5357, 5634, 5649, 5454, 5296, 5675, 5503, 5645, 5538 (5 hits) (05/17/2012 04:49:43 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results _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: 5570, 5301, 5289, 5631, 5640, 5493, 5319, 5478, 5653, 5473, 5492, 5599, 5266, 5259, 5281, 5402, 5718, 5572, 5331, 5500, 5499, 5338, 5330, 5597, 5591, 5592, 5645, 5695, 5283, 5606, 5436, 5363, 5652, 5275, 5401, 5398, 5350, 5458, 5341, 5455, 5526, 5651, 5403, 5323, 5268, 5684, 5612, 5273, 5649, 5267, 5517, 5560, 5679, 5576, 5361, 5637, 5660, 5467, 5701, 5658, 5469, 5539, 5545, 5354, 5627, 5585, 5397, 5359, 5426, 5278, 5391, 5613, 5551, 5529, 5713, 5619, 5634, 5285, 5557, 5269, 5697, 5450, 5280, 5720, 5521, 5371, 5581, 5328, 5554, 5694, 5575, 5439, 5428, 5471, 5464, 5700, 5413, 5586, 5299, 5344 (4 hits) (05/17/2012 04:49:52 PM)
12	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5297, 5721, 5470, 5327, 5331, 5342, 5266, 5412, 5614, 5617, 5540, 5340, 5442, 5338, 5314, 5344, 5506, 5566, 5509, 5425, 5685, 5711, 5605, 5257, 5414, 5390, 5493, 5472, 5286, 5321, 5459, 5253, 5482, 5563, 5385, 5481, 5453, 5458, 5389, 5675, 5291, 5334, 5455, 5273, 5585, 5644, 5394, 5607, 5503, 5306, 5500, 5403, 5577, 5598, 5422, 5658, 5355, 5427, 5692, 5296, 5360, 5645, 5688, 5590, 5375, 5502, 5461, 5702, 5634, 5295, 5477, 5288, 5653, 5536, 5513, 5549, 5462, 5365, 5682, 5391, 5488, 5533, 5450, 5611, 5430, 5575, 5545, 5382, 5669, 5538, 5716, 5600, 5667, 5565, 5606, 5518, 5270, 5315, 5582, 5373 (5 hits) (05/17/2012 04:50:00 PM)
13	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5577, 5303, 5397, 5665, 5655, 5555, 5691, 5689, 5623, 5315, 5716, 5261, 5650, 5603, 5376, 5379, 5272, 5414, 5475, 5627, 5434, 5404, 5278, 5634, 5411, 5536, 5633, 5299, 5268, 5358, 5421, 5703, 5643, 5602, 5635, 5628, 5598, 5326, 5653, 5344, 5433, 5506, 5578, 5486, 5442, 5501, 5545, 5464, 5304, 5642, 5538, 5294, 5596,

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5354, 5474, 5453, 5618, 5715, 5550, 5321, 5306, 5357, 5587, 5699, 5711, 5622, 5386, 5611, 5353, 5599, 5317, 5325, 5309, 5483, 5540, 5582, 5364, 5648, 5696, 5301, 5419, 5704, 5384, 5402, 5700, 5394, 5462, 5675, 5576, 5533, 5583, 5359, 5275, 5521, 5349, 5640, 5297, 5460, 5454, 5698 (2 hits) (05/17/2012 04:50:08 PM)
14	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5342, 5576, 5657, 5315, 5637, 5386, 5288, 5485, 5257, 5411, 5619, 5645, 5438, 5346, 5446, 5284, 5627, 5334, 5494, 5482, 5642, 5461, 5511, 5709, 5695, 5449, 5420, 5641, 5679, 5601, 5631, 5493, 5516, 5630, 5481, 5369, 5251, 5710, 5455, 5269, 5569, 5483, 5583, 5459, 5303, 5252, 5558, 5406, 5518, 5718, 5393, 5559, 5521, 5473, 5471, 5285, 5534, 5686, 5597, 5413, 5535, 5532, 5507, 5560, 5567, 5307, 5572, 5335, 5396, 5510, 5328, 5575, 5353, 5717, 5291, 5702, 5404, 5669, 5551, 5344, 5326, 5544, 5444, 5275, 5322, 5347, 5329, 5673, 5557, 5587, 5536, 5570, 5430, 5495, 5359, 5427, 5408, 5468, 5254, 5286 (4 hits) (05/17/2012 04:50:16 PM)
15	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5333, 5414, 5538, 5255, 5645, 5380, 5370, 5656, 5639, 5643, 5674, 5689, 5474, 5676, 5435, 5316, 5349, 5465, 5638, 5311, 5412, 5541, 5618, 5313, 5632, 5594, 5598, 5590, 5428, 5607, 5552, 5275, 5373, 5517, 5515, 5520, 5531, 5543, 5282, 5398, 5386, 5625, 5521, 5272, 5308, 5501, 5536, 5566, 5277, 5388, 5315, 5506, 5337, 5263, 5505, 5540, 5307, 5463, 5371, 5301, 5402, 5537, 5518, 5477, 5324, 5300, 5409, 5503, 5262, 5493, 5542, 5322, 5696, 5646, 5621, 5304, 5449, 5450, 5710, 5461, 5258, 5633, 5381, 5612, 5675, 5420, 5395, 5495, 5530, 5664, 5522, 5546, 5368, 5298, 5669, 5454, 5578, 5637, 5269, 5442 (6 hits) (05/17/2012 04:50:27 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
16	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5455, 5395, 5627, 5277, 5610, 5671, 5717, 5315, 5443, 5479, 5252, 5651, 5558, 5355, 5619, 5658, 5394, 5406, 5491, 5447, 5602, 5464, 5606, 5307, 5663, 5680, 5682, 5654, 5293, 5369, 5642, 5564, 5465, 5626, 5718, 5445, 5559, 5433, 5373, 5398, 5531, 5380, 5284, 5351, 5590, 5703, 5452, 5641, 5339, 5562, 5409, 5448, 5310, 5607, 5529, 5308, 5326, 5611, 5597, 5595, 5340, 5650, 5600, 5628, 5251, 5260, 5684, 5417, 5634, 5267, 5586, 5301, 5618, 5473, 5567, 5721, 5605, 5459, 5688, 5449, 5342, 5548, 5705, 5540, 5515, 5554, 5487, 5594, 5347, 5420, 5350, 5286, 5577, 5392, 5401, 5316, 5402, 5404, 5620, 5498 (1 hits) (05/17/2012 04:50:58 PM)
17	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5691, 5363, 5283, 5560, 5259, 5620, 5530, 5386, 5427, 5696, 5379, 5389, 5546, 5469, 5633, 5370, 5575, 5657, 5470, 5387, 5317, 5631, 5343, 5656, 5446, 5360, 5400, 5538, 5323, 5261, 5424, 5272, 5624, 5545, 5325, 5368, 5694, 5391, 5635, 5415, 5643, 5716, 5644, 5382, 5672, 5550, 5616, 5395, 5305, 5502, 5403, 5543, 5718, 5683, 5580, 5645, 5585, 5600, 5344, 5416, 5692, 5720, 5603, 5684, 5642, 5263, 5680, 5568, 5703, 5287, 5547, 5500, 5362, 5625, 5579, 5478, 5354, 5640, 5454, 5346, 5592, 5304, 5596, 5448, 5626, 5482, 5463, 5705, 5529, 5607, 5441, 5524, 5473, 5510, 5508, 5295, 5377, 5622, 5618, 5699 (2 hits) (05/17/2012 04:51:14 PM)
18	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5483, 5294, 5432, 5316, 5343, 5660, 5686, 5486, 5662, 5478, 5353, 5298, 5563, 5455, 5327, 5592, 5405, 5368, 5667, 5282, 5611, 5291, 5268, 5422, 5490, 5289, 5322, 5428, 5441, 5362, 5426, 5646, 5482, 5526, 5403, 5720, 5489, 5601, 5702, 5647, 5515, 5379, 5400, 5567, 5707, 5689, 5565, 5692, 5547, 5506, 5585, 5445, 5314,

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5481, 5696, 5632, 5448, 5414, 5449, 5498, 5491, 5528, 5431, 5674, 5628, 5457, 5533, 5460, 5469, 5579, 5701, 5556, 5516, 5497, 5700, 5492, 5657, 5447, 5375, 5305, 5538, 5494, 5640, 5641, 5693, 5508, 5642, 5514, 5295, 5549, 5363, 5698, 5429, 5397, 5677, 5274, 5619, 5394, 5280, 5544 (5 hits) (05/17/2012 04:51:51 PM)
19	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5285, 5681, 5435, 5394, 5554, 5485, 5335, 5327, 5251, 5530, 5468, 5710, 5366, 5265, 5500, 5302, 5567, 5443, 5686, 5504, 5682, 5389, 5421, 5352, 5512, 5427, 5432, 5520, 5628, 5556, 5382, 5623, 5467, 5351, 5393, 5629, 5591, 5563, 5403, 5679, 5604, 5544, 5511, 5653, 5489, 5383, 5580, 5406, 5703, 5585, 5282, 5269, 5614, 5708, 5274, 5299, 5601, 5529, 5647, 5631, 5430, 5481, 5722, 5649, 5479, 5587, 5689, 5665, 5316, 5671, 5609, 5541, 5581, 5527, 5362, 5661, 5684, 5446, 5277, 5386, 5619, 5461, 5264, 5495, 5607, 5723, 5311, 5255, 5385, 5584, 5635, 5658, 5575, 5354, 5693, 5621, 5523, 5622, 5487, 5400 (3 hits) (05/17/2012 04:52:17 PM)
20	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5312, 5435, 5719, 5485, 5663, 5292, 5593, 5470, 5294, 5426, 5512, 5314, 5377, 5712, 5345, 5529, 5367, 5308, 5570, 5340, 5519, 5523, 5597, 5538, 5626, 5689, 5401, 5501, 5677, 5598, 5565, 5382, 5487, 5601, 5471, 5473, 5505, 5432, 5465, 5509, 5517, 5467, 5319, 5461, 5720, 5685, 5591, 5612, 5480, 5251, 5318, 5553, 5582, 5358, 5311, 5666, 5547, 5592, 5427, 5674, 5466, 5682, 5531, 5418, 5415, 5634, 5464, 5407, 5491, 5300, 5454, 5687, 5341, 5563, 5425, 5274, 5380, 5483, 5270, 5622, 5535, 5406, 5681, 5400, 5707, 5398, 5463, 5699, 5326, 5381, 5441, 5482, 5252, 5495, 5595, 5321, 5642, 5273, 5721, 5702 (3 hits) (05/17/2012 04:52:33 PM)



Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5663, 5383, 5553, 5597, 5490, 5509, 5273, 5552, 5573, 5406, 5287, 5466, 5478, 5442, 5697, 5588, 5451, 5649, 5634, 5476, 5616, 5358, 5328, 5532, 5370, 5376, 5452, 5373, 5332, 5454, 5412, 5301, 5703, 5614, 5366, 5561, 5693, 5436, 5380, 5305, 5276, 5295, 5545, 5499, 5704, 5722, 5692, 5653, 5386, 5518, 5260, 5485, 5654, 5456, 5418, 5302, 5657, 5535, 5434, 5483, 5602, 5437, 5701, 5430, 5639, 5371, 5522, 5659, 5707, 5286, 5458, 5394, 5389, 5531, 5655, 5511, 5717, 5368, 5635, 5548, 5479, 5682, 5632, 5617, 5455, 5438, 5270, 5664, 5447, 5554, 5600, 5480, 5351, 5608, 5334, 5589, 5420, 5497, 5429, 5320 (2 hits) (05/17/2012 04:52:45 PM)
22	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5509, 5445, 5449, 5265, 5522, 5375, 5325, 5677, 5310, 5313, 5319, 5529, 5395, 5472, 5584, 5503, 5433, 5665, 5296, 5515, 5671, 5377, 5425, 5618, 5714, 5359, 5485, 5424, 5308, 5712, 5474, 5566, 5349, 5290, 5378, 5487, 5288, 5336, 5615, 5690, 5442, 5392, 5453, 5491, 5624, 5258, 5412, 5362, 5309, 5299, 5281, 5279, 5565, 5656, 5612, 5371, 5506, 5254, 5467, 5496, 5434, 5334, 5466, 5280, 5262, 5536, 5698, 5312, 5604, 5391, 5589, 5253, 5616, 5626, 5388, 5294, 5365, 5707, 5316, 5683, 5547, 5477, 5508, 5372, 5255, 5345, 5603, 5293, 5342, 5414, 5327, 5284, 5569, 5713, 5525, 5700, 5694, 5572, 5667, 5382 (3 hits) (05/17/2012 04:52:54 PM)
23	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5547, 5293, 5326, 5652, 5275, 5719, 5291, 5662, 5430, 5262, 5513, 5403, 5579, 5493, 5280, 5469, 5476, 5578, 5552, 5311, 5442, 5400, 5632, 5617, 5465, 5485, 5340, 5592, 5475, 5309, 5599, 5449, 5378, 5706, 5504, 5623, 5307, 5387, 5393, 5345, 5315, 5612, 5577, 5358, 5697, 5401, 5338, 5529, 5654, 5521, 5604, 5371, 5685,

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5540, 5656, 5629, 5380, 5319, 5355, 5608, 5385, 5327, 5459, 5277, 5637, 5647, 5566, 5300, 5431, 5410, 5643, 5631, 5641, 5313, 5360, 5486, 5386, 5377, 5454, 5370, 5316, 5718, 5467, 5724, 5279, 5693, 5351, 5576, 5495, 5288, 5565, 5301, 5713, 5594, 5554, 5328, 5270, 5343, 5490, 5452 (3 hits) (05/17/2012 04:53:03 PM)
24	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5472, 5479, 5291, 5446, 5409, 5613, 5527, 5439, 5346, 5487, 5702, 5316, 5276, 5605, 5697, 5298, 5533, 5634, 5323, 5693, 5255, 5289, 5258, 5480, 5707, 5612, 5456, 5333, 5578, 5332, 5412, 5463, 5370, 5615, 5704, 5721, 5262, 5717, 5361, 5498, 5314, 5365, 5382, 5648, 5340, 5724, 5570, 5468, 5420, 5665, 5278, 5547, 5384, 5392, 5263, 5691, 5416, 5540, 5359, 5452, 5684, 5345, 5391, 5657, 5397, 5401, 5603, 5566, 5601, 5689, 5557, 5433, 5423, 5569, 5526, 5304, 5539, 5428, 5307, 5336, 5381, 5522, 5679, 5261, 5470, 5706, 5520, 5467, 5286, 5404, 5675, 5516, 5542, 5692, 5556, 5610, 5534, 5418, 5696, 5357 (1 hits) (05/17/2012 04:53:11 PM)
25	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5267, 5612, 5440, 5349, 5448, 5693, 5282, 5281, 5598, 5437, 5438, 5707, 5310, 5368, 5679, 5542, 5667, 5507, 5522, 5390, 5286, 5676, 5649, 5504, 5413, 5710, 5668, 5562, 5628, 5457, 5345, 5331, 5520, 5555, 5371, 5672, 5409, 5484, 5469, 5576, 5355, 5621, 5396, 5254, 5460, 5358, 5579, 5546, 5557, 5476, 5317, 5416, 5726, 5633, 5659, 5697, 5590, 5266, 5375, 5435, 5399, 5481, 5670, 5577, 5601, 5346, 5265, 5663, 5575, 5715, 5706, 5337, 5304, 5370, 5359, 5578, 5329, 5534, 5473, 5599, 5433, 5300, 5620, 5382, 5530, 5269, 5335, 5521, 5559, 5510, 5647, 5441, 5277, 5651, 5402, 5428, 5568, 5616, 5563, 5549 (2 hits) (05/17/2012 04:53:25 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
26	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5350, 5438, 5282, 5546, 5703, 5394, 5651, 5313, 5304, 5681, 5416, 5644, 5537, 5460, 5539, 5285, 5297, 5624, 5693, 5316, 5691, 5402, 5382, 5550, 5552, 5391, 5389, 5653, 5466, 5636, 5293, 5358, 5529, 5384, 5376, 5439, 5635, 5425, 5526, 5441, 5362, 5309, 5694, 5600, 5473, 5517, 5536, 5352, 5540, 5356, 5325, 5478, 5412, 5686, 5404, 5710, 5654, 5274, 5487, 5662, 5257, 5501, 5361, 5474, 5458, 5502, 5707, 5451, 5371, 5261, 5678, 5614, 5682, 5393, 5579, 5608, 5645, 5367, 5493, 5621, 5329, 5381, 5333, 5341, 5281, 5434, 5612, 5336, 5368, 5366, 5518, 5476, 5457, 5657, 5263, 5398, 5311, 5363, 5500, 5300 (4 hits) (05/17/2012 04:53:35 PM)
27	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5557, 5573, 5576, 5350, 5601, 5439, 5317, 5449, 5440, 5642, 5259, 5633, 5692, 5498, 5403, 5637, 5531, 5683, 5604, 5359, 5516, 5271, 5618, 5347, 5278, 5465, 5376, 5634, 5427, 5568, 5578, 5658, 5549, 5581, 5721, 5482, 5663, 5313, 5450, 5388, 5432, 5583, 5521, 5505, 5608, 5577, 5254, 5303, 5469, 5502, 5400, 5696, 5644, 5615, 5724, 5659, 5598, 5330, 5607, 5551, 5722, 5414, 5512, 5481, 5548, 5273, 5360, 5323, 5655, 5716, 5305, 5328, 5356, 5596, 5626, 5364, 5542, 5393, 5487, 5587, 5533, 5327, 5579, 5366, 5628, 5431, 5461, 5680, 5379, 5434, 5378, 5656, 5605, 5511, 5443, 5520, 5725, 5354, 5701, 5455 (3 hits) (05/17/2012 04:53:46 PM)
28	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5296, 5291, 5519, 5642, 5470, 5604, 5621, 5406, 5358, 5498, 5487, 5610, 5583, 5708, 5269, 5638, 5472, 5715, 5526, 5554, 5568, 5266, 5360, 5497, 5346, 5599, 5700, 5490, 5698, 5509, 5593, 5409, 5383, 5666, 5273, 5558, 5464, 5350, 5703, 5619, 5435, 5603, 5338, 5523, 5606, 5486, 5311, 5313, 5628, 5495, 5550, 5424, 5432,

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5410, 5304, 5382, 5255, 5522, 5420, 5709, 5308, 5702, 5469, 5673, 5725, 5504, 5362, 5572, 5335, 5458, 5544, 5281, 5427, 5684, 5312, 5385, 5626, 5299, 5446, 5592, 5333, 5451, 5306, 5705, 5538, 5476, 5590, 5438, 5680, 5565, 5282, 5488, 5455, 5686, 5277, 5294, 5637, 5256, 5404, 5425 (4 hits) (05/17/2012 04:53:55 PM)
29	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5541, 5378, 5681, 5498, 5309, 5535, 5442, 5414, 5403, 5315, 5459, 5365, 5671, 5721, 5496, 5266, 5475, 5599, 5560, 5699, 5379, 5491, 5355, 5385, 5424, 5274, 5717, 5585, 5464, 5658, 5279, 5431, 5272, 5714, 5284, 5296, 5572, 5408, 5540, 5641, 5422, 5377, 5338, 5593, 5386, 5417, 5463, 5488, 5495, 5328, 5349, 5319, 5580, 5341, 5343, 5483, 5509, 5317, 5448, 5629, 5537, 5489, 5514, 5608, 5655, 5643, 5637, 5712, 5518, 5337, 5521, 5720, 5612, 5302, 5428, 5582, 5697, 5361, 5348, 5564, 5589, 5467, 5398, 5623, 5595, 5591, 5568, 5622, 5451, 5650, 5584, 5648, 5479, 5645, 5364, 5605, 5393, 5617, 5410, 5682 (3 hits) (05/17/2012 04:54:05 PM)
30	9	1.0	333.0	No	5503.0MHz, -64.0dBm	Hop sequence: 5422, 5544, 5509, 5256, 5701, 5430, 5587, 5622, 5463, 5298, 5508, 5542, 5718, 5264, 5628, 5470, 5601, 5681, 5258, 5671, 5385, 5720, 5575, 5426, 5567, 5644, 5316, 5394, 5642, 5629, 5431, 5314, 5447, 5460, 5619, 5654, 5649, 5306, 5717, 5377, 5455, 5345, 5335, 5650, 5584, 5721, 5402, 5603, 5271, 5472, 5476, 5257, 5579, 5571, 5410, 5668, 5576, 5307, 5625, 5483, 5526, 5289, 5495, 5700, 5534, 5691, 5268, 5639, 5529, 5346, 5689, 5715, 5665, 5492, 5723, 5647, 5265, 5353, 5418, 5344, 5475, 5523, 5445, 5675, 5351, 5329, 5405, 5577, 5350, 5493, 5585, 5551, 5266, 5504, 5640, 5440, 5530, 5580, 5653, 5624 (4 hits) (05/17/2012 04:54:49 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results _n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
31	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5472, 5679, 5267, 5399, 5487, 5485, 5305, 5344, 5464, 5254, 5619, 5360, 5541, 5699, 5343, 5295, 5653, 5437, 5635, 5650, 5615, 5273, 5577, 5309, 5533, 5338, 5479, 5306, 5480, 5680, 5300, 5524, 5517, 5416, 5627, 5715, 5350, 5469, 5358, 5676, 5488, 5328, 5411, 5493, 5475, 5672, 5610, 5686, 5263, 5525, 5302, 5428, 5461, 5509, 5425, 5470, 5614, 5547, 5601, 5692, 5466, 5462, 5414, 5454, 5478, 5388, 5289, 5476, 5264, 5458, 5427, 5702, 5620, 5477, 5431, 5537, 5625, 5508, 5265, 5395, 5642, 5705, 5678, 5621, 5632, 5567, 5651, 5618, 5279, 5645, 5518, 5333, 5710, 5598, 5612, 5439, 5664, 5617, 5585, 5365 (1 hits) (05/17/2012 04:55:07 PM)
32	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5579, 5297, 5423, 5623, 5720, 5309, 5261, 5438, 5650, 5389, 5259, 5663, 5413, 5558, 5698, 5651, 5715, 5605, 5520, 5450, 5327, 5673, 5298, 5285, 5500, 5700, 5435, 5446, 5620, 5693, 5607, 5337, 5619, 5276, 5441, 5306, 5421, 5407, 5709, 5315, 5294, 5509, 5584, 5439, 5304, 5480, 5662, 5634, 5581, 5393, 5356, 5307, 5365, 5494, 5549, 5587, 5642, 5489, 5649, 5305, 5641, 5448, 5296, 5554, 5359, 5373, 5685, 5491, 5686, 5411, 5519, 5443, 5322, 5387, 5688, 5464, 5601, 5391, 5484, 5576, 5692, 5481, 5458, 5396, 5503, 5496, 5432, 5723, 5374, 5505, 5637, 5643, 5660, 5344, 5371, 5564, 5377, 5531, 5286, 5334 (5 hits) (05/17/2012 04:55:45 PM)

Table 45 - FCC Short Pulse Radar (Type 1) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 09:54:48 AM)
2	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 10:50:24 AM)
3	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 10:52:10 AM)
4	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 10:52:19 AM)
5	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 10:52:29 AM)
6	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 10:52:40 AM)
7	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 10:52:52 AM)
8	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 10:53:04 AM)
9	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 10:53:13 AM)
10	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 10:53:21 AM)
11	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 10:53:29 AM)
12	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 10:53:39 AM)
13	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 10:53:52 AM)
14	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 10:54:02 AM)
15	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 10:54:10 AM)
16	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 10:54:16 AM)
17	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 10:54:27 AM)
18	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 10:54:34 AM)
19	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 10:54:44 AM)
20	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 10:54:51 AM)
21	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 10:54:58 AM)
22	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 10:55:05 AM)
23	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 10:55:14 AM)
24	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 10:55:21 AM)
25	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 10:55:29 AM)
26	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 10:55:36 AM)
27	18	1.0	1428.0	Yes	5505.0MHz,	Single burst (05/17/2012 10:55:43 AM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	AM)
28	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 10:55:51 AM)
29	18	1.0	1428.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 10:55:59 AM)
30	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 10:56:07 AM)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	24	3.2	185.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:02:52 AM)
2	24	5.0	181.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:03:01 AM)
3	28	3.0	223.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:03:10 AM)
4	28	2.8	217.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:03:16 AM)
5	26	1.7	222.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:03:23 AM)
6	24	4.7	187.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:03:30 AM)
7	25	2.4	174.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:03:40 AM)
8	24	1.9	203.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:03:47 AM)
9	25	1.9	218.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:03:54 AM)
10	28	3.2	169.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:04:03 AM)
11	28	2.6	172.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:04:10 AM)
12	24	2.4	194.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:04:17 AM)
13	25	3.7	197.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:04:25 AM)
14	29	4.5	229.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:04:32 AM)
15	27	3.6	154.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:04:38 AM)
16	25	4.8	163.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:04:46 AM)
17	28	2.7	199.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:04:53 AM)
18	25	1.4	224.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:05:00 AM)
19	27	2.0	223.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:05:07 AM)
20	26	3.9	155.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:05:15 AM)
21	26	2.6	158.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:05:22 AM)

Table 46 - FCC Short Pulse Radar (Type 2) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
22	26	2.7	195.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:05:29 AM)
23	28	4.3	182.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:05:36 AM)
24	25	4.3	179.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:05:43 AM)
25	25	3.9	221.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:05:50 AM)
26	25	2.1	218.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:05:57 AM)
27	29	3.7	201.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:06:04 AM)
28	23	1.5	183.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:06:12 AM)
29	24	2.6	201.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:06:19 AM)
30	29	1.0	214.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:06:27 AM)

Table 47 - FCC Short Pulse Radar (Type 3) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	7.3	466.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:08:16 AM)
2	17	7.0	222.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:08:27 AM)
3	17	8.5	282.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:08:38 AM)
4	17	9.4	372.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:08:54 AM)
5	17	6.6	435.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:09:03 AM)
6	16	7.0	341.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:09:10 AM)
7	17	7.9	308.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:09:17 AM)
8	18	8.1	309.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:09:24 AM)
9	16	6.3	455.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:09:32 AM)
10	16	9.3	419.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:09:39 AM)
11	18	8.4	493.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:09:46 AM)
12	16	9.3	418.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:09:54 AM)
13	17	7.2	452.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:10:02 AM)
14	16	7.5	283.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:10:10 AM)
15	16	6.4	442.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:10:17 AM)
16	17	6.4	251.0	Yes	5510.0MHz,	Single burst (05/17/2012 11:10:25 AM)



<b>Table 47 - FCC Short Pulse Radar (Type 3) Results _n40_</b>						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	AM)
17	17	7.6	372.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:10:39 AM)
18	18	8.0	474.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:10:53 AM)
19	17	8.5	332.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:11:00 AM)
20	16	9.5	204.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:11:09 AM)
21	16	7.9	358.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:11:18 AM)
22	18	8.1	495.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:11:25 AM)
23	17	9.0	231.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:11:33 AM)
24	16	7.2	261.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:11:40 AM)
25	17	7.9	357.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:11:47 AM)
26	18	9.4	365.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:11:55 AM)
27	17	9.6	499.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:12:04 AM)
28	17	6.2	261.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:12:11 AM)
29	17	8.8	309.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:12:18 AM)
30	17	6.3	291.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:12:26 AM)

<b>Table 48 - FCC Short Pulse Radar (Type 4) Results _n40_</b>						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	13	13.0	202.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:13:00 AM)
2	13	13.1	263.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:13:08 AM)
3	12	13.3	273.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:13:15 AM)
4	16	19.1	276.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:13:22 AM)
5	15	19.2	420.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:13:29 AM)
6	16	17.6	227.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:13:36 AM)
7	12	11.9	296.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:13:43 AM)
8	14	18.1	406.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:13:52 AM)
9	15	11.0	346.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:14:00 AM)
10	15	13.1	258.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:20:08 AM)

Table 48 - FCC Short Pulse Radar (Type 4) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
11	12	13.3	417.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:20:40 AM)
12	14	20.0	390.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:20:48 AM)
13	12	13.4	320.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:20:57 AM)
14	16	13.4	422.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:21:20 AM)
15	13	14.0	470.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:21:35 AM)
16	14	19.5	352.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:21:43 AM)
17	14	14.8	328.0	No	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:22:12 AM)
18	13	18.4	321.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:22:28 AM)
19	15	11.4	311.0	No	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:22:36 AM)
20	12	17.1	268.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:23:17 AM)
21	14	17.8	392.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:24:03 AM)
22	12	13.5	275.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:24:19 AM)
23	13	16.9	434.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:24:28 AM)
24	14	17.1	411.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:24:41 AM)
25	14	13.1	349.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:24:50 AM)
26	13	15.9	341.0	Yes	5510.0MHz, -64.0dBm	Single burst (05/17/2012 11:24:59 AM)
27	14	12.4	385.0	Yes	5505.0MHz, -64.0dBm	Single burst (05/17/2012 11:25:14 AM)
28	14	12.6	307.0	Yes	5500.0MHz, -64.0dBm	Single burst (05/17/2012 11:25:24 AM)
29	14	17.2	427.0	Yes	5520.0MHz, -64.0dBm	Single burst (05/17/2012 11:25:34 AM)
30	13	15.6	460.0	Yes	5515.0MHz, -64.0dBm	Single burst (05/17/2012 11:25:42 AM)

Table 49 - Long Sequence Waveform Summary _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 49 - Long Sequence Waveform Summary _n40_		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #4	Detected	5520.0MHz, -64.0dBm
Trial #5	Detected	5515.0MHz, -64.0dBm
Trial #6	Detected	5510.0MHz, -64.0dBm
Trial #7	Detected	5505.0MHz, -64.0dBm
Trial #8	Detected	5500.0MHz, -64.0dBm
Trial #9	NOT 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	NOT 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

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.6	10	1720.0	-	0.546234
2	2	93.3	14	1889.0	-	1.089973
3	3	99.9	18	1734.0	1416.0	1.469823
4	3	67.7	12	1447.0	1016.0	2.613031
5	2	79.3	11	1535.0	-	3.318877
6	2	91.9	10	1605.0	-	4.218118
7	2	92.7	18	1741.0	-	4.532454
8	2	84.0	18	1257.0	-	5.214564
9	2	61.0	10	1321.0	-	6.295189
10	2	92.6	14	1758.0	-	6.973830
11	1	64.9	11	-	-	7.759811
12	3	50.8	19	1002.0	1024.0	7.873425
13	1	65.0	7	-	-	8.911578
14	3	66.1	7	1061.0	1564.0	9.545202
15	2	51.2	15	1065.0	-	9.884291
16	2	80.8	13	1593.0	-	10.597161
17	2	92.3	5	1784.0	-	11.459238

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.5	5	1608.0	-	0.408476
2	3	65.1	20	1733.0	1847.0	0.698577
3	1	92.1	13	-	-	1.756578
4	1	92.7	13	-	-	2.305174
5	3	58.4	8	1010.0	1928.0	2.925828
6	2	68.9	19	1718.0	-	3.702770
7	1	93.9	11	-	-	4.302065
8	2	64.0	16	1592.0	-	4.891646
9	1	51.4	8	-	-	5.619652
10	3	83.5	20	1472.0	1109.0	5.902553
11	2	79.9	17	1686.0	-	6.754810
12	1	90.9	15	-	-	7.258853
13	2	92.9	10	1319.0	-	7.644867
14	2	88.2	19	1867.0	-	8.460558
15	1	57.2	17	-	-	8.950887
16	1	82.1	16	-	-	9.825646
17	2	50.6	15	1356.0	-	10.731404
18	2	87.7	12	1497.0	-	11.269966
19	2	92.2	8	1741.0	-	11.630795

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.8	13	1323.0	-	0.626093
2	1	66.7	9	-	-	1.755224
3	1	86.0	7	-	-	2.265015
4	2	56.9	12	1276.0	-	3.940231
5	2	87.6	20	1467.0	-	4.955495
6	2	69.5	8	1067.0	-	5.959275

<b>Table 52 - _n40_ Long Sequence Waveform Trial#3 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
7	2	65.4	19	1094.0	-	6.425631
8	1	85.6	11	-	-	7.401914
9	2	73.4	12	1890.0	-	8.251343
10	2	83.0	16	1082.0	-	9.179022
11	2	98.7	10	1273.0	-	10.614630
12	3	63.8	17	1006.0	1927.0	11.788742

<b>Table 53 - _n40_ Long Sequence Waveform Trial#4 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.0	14	1678.0	-	1.034702
2	2	65.2	17	1789.0	-	1.439126
3	2	72.9	6	1199.0	-	3.220387
4	2	79.9	17	1908.0	-	4.381838
5	3	83.3	14	1631.0	1112.0	5.132911
6	1	75.1	16	-	-	6.872375
7	2	54.3	13	1231.0	-	8.243396
8	2	65.1	19	1678.0	-	8.955057
9	2	68.1	17	1481.0	-	9.970396
10	1	73.4	11	-	-	11.740741

<b>Table 54 - _n40_ Long Sequence Waveform Trial#5 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	67.3	19	1763.0	1759.0	0.014132
2	2	74.5	10	1873.0	-	0.815235
3	1	50.9	13	-	-	1.254830
4	2	88.9	15	1729.0	-	2.231167
5	2	73.4	7	1291.0	-	2.429848
6	2	71.8	9	1082.0	-	3.137992
7	3	70.5	17	1324.0	1927.0	3.804336
8	1	57.9	17	-	-	4.537897
9	2	74.5	13	1014.0	-	5.041872
10	1	99.3	15	-	-	5.787840
11	1	81.3	12	-	-	6.505233
12	1	95.4	9	-	-	7.077990
13	2	99.6	14	1640.0	-	7.286886
14	2	79.1	16	1587.0	-	8.089404
15	2	89.8	17	1985.0	-	8.498893
16	3	56.0	17	1600.0	1302.0	9.434423
17	2	99.4	19	1125.0	-	9.601310
18	2	67.5	8	1133.0	-	10.437473
19	3	97.3	15	1412.0	1127.0	10.943824
20	3	85.2	13	1928.0	1698.0	11.943103

<b>Table 55 - _n40_ Long Sequence Waveform Trial#6 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	75.5	11	1820.0	-	0.491561

<b>Table 55 - _n40_ Long Sequence Waveform Trial#6 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
2	3	78.2	5	1450.0	1852.0	0.877790
3	3	92.0	17	1567.0	1577.0	1.761512
4	3	84.0	9	1916.0	1614.0	2.040088
5	2	62.1	16	1335.0	-	2.814857
6	1	73.3	18	-	-	3.575246
7	1	63.0	9	-	-	4.031962
8	1	65.6	9	-	-	4.670237
9	1	92.4	13	-	-	5.394816
10	1	57.9	17	-	-	5.724805
11	2	97.1	8	1882.0	-	6.779846
12	2	65.5	10	1031.0	-	6.967543
13	2	69.0	18	1275.0	-	7.752650
14	3	73.2	12	1309.0	1925.0	8.478051
15	2	86.7	13	1902.0	-	9.122129
16	2	63.7	16	1493.0	-	9.849463
17	2	85.0	5	1642.0	-	10.237095
18	3	66.1	12	1072.0	1914.0	11.012451
19	3	57.9	18	1041.0	1203.0	11.768413

<b>Table 56 - _n40_ Long Sequence Waveform Trial#7 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.8	18	1640.0	-	1.055327
2	2	98.1	19	1927.0	-	2.175791
3	2	79.5	7	1734.0	-	2.990605
4	2	74.8	19	1721.0	-	4.112515
5	2	77.6	7	1120.0	-	5.117542
6	1	97.3	17	-	-	6.903162
7	3	63.1	6	1148.0	1478.0	7.441089
8	2	54.5	12	1266.0	-	9.518295
9	3	78.2	7	1616.0	1844.0	9.832588
10	2	88.8	6	1539.0	-	11.074184

<b>Table 57 - _n40_ Long Sequence Waveform Trial#8 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.8	10	1354.0	-	0.275640
2	2	85.2	10	1606.0	-	2.151493
3	3	76.5	13	1898.0	1166.0	3.953220
4	2	77.9	17	1022.0	-	5.691992
5	2	56.7	19	1568.0	-	6.398412
6	2	88.7	11	1393.0	-	8.284423
7	2	56.7	17	1524.0	-	9.538807
8	1	91.3	12	-	-	11.524955

<b>Table 58 - _n40_ Long Sequence Waveform Trial#9 (NOT Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.4	9	-	-	0.003919

<b>Table 58 - _n40_ Long Sequence Waveform Trial#9 (NOT Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
2	1	70.2	7	-	-	1.880022
3	2	80.0	20	1290.0	-	2.757890
4	2	93.5	10	1055.0	-	4.699634
5	2	53.3	6	1558.0	-	5.976083
6	1	91.5	16	-	-	7.017051
7	3	65.1	15	1418.0	1408.0	7.857585
8	1	79.9	14	-	-	8.928261
9	2	58.8	6	1596.0	-	10.407927
10	1	88.3	18	-	-	11.013275

<b>Table 59 - _n40_ Long Sequence Waveform Trial#10 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	66.4	12	1273.0	1856.0	0.358273
2	2	75.7	14	1285.0	-	0.751209
3	2	54.0	18	1597.0	-	1.770727
4	3	86.9	8	1972.0	1380.0	2.504260
5	2	68.8	20	1314.0	-	3.614011
6	1	91.1	8	-	-	4.100911
7	2	85.8	16	1043.0	-	4.516640
8	1	73.8	10	-	-	5.253299
9	2	73.7	9	1671.0	-	6.331636
10	2	69.5	16	1153.0	-	7.376984
11	1	59.7	10	-	-	8.213551
12	1	52.8	20	-	-	8.508791
13	3	96.5	8	1031.0	1462.0	9.506085
14	2	70.7	10	1072.0	-	9.759049
15	3	70.1	16	1456.0	1116.0	11.029666
16	2	95.0	5	1671.0	-	11.337419

<b>Table 60 - _n40_ Long Sequence Waveform Trial#11 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	77.0	14	1497.0	1437.0	0.222923
2	3	83.5	19	1122.0	1848.0	1.860322
3	3	98.6	10	1216.0	1948.0	2.934535
4	3	51.9	18	1807.0	1892.0	4.015364
5	1	86.8	5	-	-	5.615227
6	2	63.2	6	1414.0	-	6.595209
7	2	87.4	20	1369.0	-	8.216825
8	2	94.4	8	1309.0	-	9.286168
9	3	97.4	20	1987.0	1915.0	9.604728
10	1	57.6	13	-	-	11.888222

<b>Table 61 - _n40_ Long Sequence Waveform Trial#12 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	69.4	9	1275.0	1422.0	0.068664
2	2	85.6	8	1726.0	-	1.275386

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
3	2	95.6	14	1709.0	-	1.434777
4	2	66.3	17	1037.0	-	2.467599
5	2	79.3	9	1165.0	-	2.994045
6	3	95.3	16	1835.0	1683.0	3.947510
7	3	80.4	10	1997.0	1440.0	4.687672
8	1	58.8	11	-	-	5.387838
9	3	64.3	11	1639.0	1487.0	5.806830
10	2	90.9	12	1368.0	-	6.571435
11	3	85.1	11	1648.0	1975.0	7.232307
12	2	63.8	6	1707.0	-	8.468166
13	2	72.9	9	1924.0	-	8.611638
14	2	56.7	7	1160.0	-	9.191492
15	2	53.1	17	1661.0	-	9.951511
16	1	57.7	18	-	-	11.147159
17	2	53.9	11	1689.0	-	11.822101

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.7	7	1942.0	-	0.041535
2	2	89.4	9	1333.0	-	0.806812
3	2	51.6	9	1447.0	-	2.008449
4	2	69.2	14	1879.0	-	2.660609
5	1	78.1	17	-	-	3.112540
6	2	51.8	14	1899.0	-	3.959021
7	2	62.6	11	1304.0	-	4.961475
8	2	97.8	6	1072.0	-	5.565033
9	2	78.4	12	1383.0	-	6.711232
10	1	93.7	7	-	-	7.486103
11	2	80.4	11	1037.0	-	7.884038
12	2	93.3	7	1707.0	-	8.732271
13	2	97.2	14	1060.0	-	9.347319
14	2	50.7	14	1563.0	-	10.492995
15	1	75.2	7	-	-	11.009295
16	3	99.3	10	1776.0	1694.0	11.597342

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	75.5	11	1472.0	-	0.228987
2	1	56.1	9	-	-	1.304591
3	2	58.0	7	1948.0	-	2.328726
4	2	87.5	19	1377.0	-	4.134569
5	3	59.6	13	1796.0	1491.0	5.064397
6	1	58.7	20	-	-	6.512822
7	2	74.9	9	1358.0	-	7.065320
8	2	67.8	13	1418.0	-	8.588172
9	1	98.6	14	-	-	9.751538
10	2	80.6	19	1934.0	-	10.449913
11	3	61.5	15	1482.0	1283.0	11.808999



Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	98.1	18	1396.0	-	0.441446
2	3	73.8	11	1487.0	1331.0	1.159990
3	2	76.4	14	1499.0	-	1.411468
4	2	84.7	8	1764.0	-	1.909406
5	1	62.5	18	-	-	2.634791
6	1	90.6	18	-	-	3.467401
7	3	99.0	9	1145.0	1768.0	4.052185
8	3	51.5	16	1799.0	1977.0	4.485611
9	2	93.6	16	1030.0	-	5.563076
10	3	96.4	18	1937.0	1989.0	6.032656
11	2	79.3	10	1535.0	-	6.897523
12	1	92.8	9	-	-	7.265168
13	3	71.3	13	1268.0	1086.0	7.671910
14	2	52.2	13	1570.0	-	8.839087
15	3	64.0	5	1659.0	1643.0	9.394181
16	3	94.5	10	1067.0	1196.0	10.099026
17	2	55.9	8	1602.0	-	10.548937
18	2	92.2	10	1118.0	-	10.844291
19	2	71.5	16	1034.0	-	11.528388

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	61.7	11	1043.0	-	0.704682
2	2	76.6	7	1427.0	-	1.029849
3	3	62.8	5	1269.0	1275.0	1.960577
4	3	66.0	17	1451.0	1887.0	3.233906
5	1	68.3	18	-	-	3.616217
6	2	83.3	7	1232.0	-	4.888520
7	3	58.1	10	1853.0	1987.0	5.177722
8	3	77.2	14	1545.0	1132.0	6.778671
9	1	50.4	8	-	-	7.073160
10	1	78.8	14	-	-	8.431984
11	1	86.4	11	-	-	9.050262
12	3	55.6	14	1957.0	1695.0	10.146171
13	1	59.5	11	-	-	10.646504
14	2	66.2	11	1010.0	-	11.408401

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.6	10	1928.0	-	0.725076
2	2	62.3	18	1709.0	-	1.695322
3	2	92.7	16	1097.0	-	2.424417
4	1	56.5	11	-	-	3.362279
5	2	61.2	13	1226.0	-	3.758595
6	1	80.2	15	-	-	4.769254
7	2	65.1	10	1715.0	-	5.699664
8	2	87.4	20	1280.0	-	6.496097

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
9	3	75.6	17	1373.0	1075.0	7.455586
10	2	77.6	8	1786.0	-	8.135530
11	3	72.2	15	1386.0	1809.0	9.096290
12	3	89.0	5	1336.0	1411.0	9.613446
13	3	51.4	17	1869.0	1216.0	10.942659
14	3	80.9	18	1785.0	1874.0	11.607814

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	61.1	16	1080.0	1570.0	0.390457
2	1	61.3	13	-	-	0.641278
3	3	85.7	17	1564.0	1885.0	1.762174
4	3	78.4	16	1308.0	1830.0	2.411226
5	1	86.4	17	-	-	2.836461
6	2	95.4	16	1455.0	-	3.471008
7	1	87.1	9	-	-	4.095638
8	3	57.9	8	1725.0	1008.0	4.915316
9	1	77.8	19	-	-	5.152794
10	2	62.2	12	1295.0	-	5.787223
11	3	63.4	17	1594.0	1951.0	6.834857
12	2	51.2	9	1189.0	-	7.387979
13	1	71.9	16	-	-	7.934274
14	1	94.4	17	-	-	8.588911
15	2	95.6	14	1263.0	-	9.341349
16	3	83.8	17	1688.0	1242.0	9.882593
17	2	61.9	12	1408.0	-	10.319199
18	2	91.9	17	1542.0	-	11.037238
19	2	75.0	13	1751.0	-	11.849845

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	72.3	8	1943.0	-	0.623104
2	3	60.7	20	1661.0	1945.0	0.858832
3	1	72.8	7	-	-	1.972603
4	2	58.5	6	1920.0	-	2.435186
5	3	96.7	18	1611.0	1091.0	3.918037
6	2	77.9	12	1122.0	-	4.411198
7	1	68.4	17	-	-	5.221790
8	1	57.7	7	-	-	5.993869
9	1	99.1	18	-	-	6.931594
10	3	51.4	11	1388.0	1841.0	7.656506
11	2	86.1	7	1597.0	-	8.494721
12	1	70.3	8	-	-	9.521625
13	2	95.4	6	1917.0	-	10.366017
14	2	84.8	7	1562.0	-	10.604152
15	2	88.7	8	1152.0	-	11.372179

**Table 69 - \_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 (s)
1	1	84.0	13	-	-	0.369985
2	2	79.2	17	1087.0	-	1.352310
3	1	67.0	9	-	-	2.035801
4	2	53.8	16	1404.0	-	2.199894
5	2	57.4	7	1186.0	-	3.008570
6	3	98.8	12	1264.0	1459.0	4.212338
7	2	77.9	5	1289.0	-	4.583290
8	2	74.0	14	1194.0	-	5.144545
9	2	62.2	8	1894.0	-	5.686117
10	2	56.6	18	1718.0	-	6.613445
11	1	93.8	13	-	-	7.571090
12	2	53.8	17	1702.0	-	8.355039
13	1	94.4	9	-	-	8.572193
14	1	64.3	8	-	-	9.484678
15	2	59.8	14	1886.0	-	10.376991
16	2	98.4	10	1898.0	-	10.674578
17	1	78.3	18	-	-	11.827147

**Table 70 - \_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 (s)
1	1	60.1	16	-	-	1.232741
2	3	91.1	17	1842.0	1130.0	2.561263
3	1	79.8	6	-	-	3.385648
4	3	70.4	10	1327.0	1175.0	5.147676
5	2	99.7	18	1588.0	-	6.424640
6	2	87.7	10	1707.0	-	8.243152
7	1	84.2	8	-	-	9.273954
8	2	83.6	16	1645.0	-	11.876609

**Table 71 - \_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 (s)
1	3	59.8	17	1404.0	1184.0	0.138732
2	2	55.2	10	1957.0	-	0.952505
3	1	95.1	10	-	-	1.954806
4	2	76.4	12	1456.0	-	2.721568
5	2	92.7	6	1152.0	-	3.227533
6	2	56.3	15	1224.0	-	3.980009
7	3	58.6	10	1804.0	1420.0	4.623673
8	3	77.5	11	1482.0	1201.0	5.212568
9	2	53.7	14	1628.0	-	6.221529
10	2	78.4	19	1820.0	-	7.002550
11	2	95.9	14	1178.0	-	7.689794
12	2	55.2	19	1948.0	-	8.181886
13	1	63.9	14	-	-	8.904307
14	2	52.1	15	1509.0	-	9.185587
15	2	87.9	10	1693.0	-	10.239492
16	2	85.4	8	1131.0	-	11.248638
17	2	54.9	17	1383.0	-	11.509658

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.6	13	1170.0	-	0.702299
2	2	71.7	7	1861.0	-	1.925629
3	3	54.3	16	1792.0	1248.0	2.927529
4	3	69.9	5	1070.0	1380.0	5.074866
5	2	77.8	10	1658.0	-	5.743552
6	2	79.2	8	1356.0	-	6.675918
7	2	91.3	11	1642.0	-	8.449885
8	2	63.1	14	1208.0	-	9.984460
9	1	76.9	10	-	-	11.320469

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	75.2	6	1232.0	-	0.652826
2	2	58.5	17	2000.0	-	0.918432
3	2	72.4	8	1884.0	-	1.363877
4	2	96.2	10	1896.0	-	2.615219
5	1	82.2	12	-	-	3.049006
6	3	79.5	12	1416.0	1373.0	3.862902
7	1	95.9	14	-	-	4.248478
8	2	87.0	19	1949.0	-	4.747665
9	2	67.9	19	1562.0	-	5.787136
10	1	72.7	15	-	-	6.126286
11	1	50.1	15	-	-	7.267784
12	2	79.7	17	1879.0	-	7.578270
13	2	72.4	19	1799.0	-	8.619697
14	3	81.9	13	1969.0	1024.0	8.773664
15	2	63.4	7	1165.0	-	9.546695
16	2	95.6	7	1694.0	-	10.295411
17	2	95.1	6	1957.0	-	11.246124
18	3	71.3	13	1687.0	1429.0	11.618906

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.7	6	1970.0	-	0.284291
2	1	94.7	12	-	-	1.133735
3	3	72.8	10	1133.0	1378.0	2.005047
4	1	62.8	9	-	-	3.440240
5	2	52.0	14	1245.0	-	4.300184
6	2	93.8	15	1418.0	-	4.977783
7	1	55.7	11	-	-	5.818916
8	2	53.0	6	1995.0	-	6.617714
9	1	98.0	10	-	-	7.818813
10	3	76.0	5	1341.0	1995.0	8.945906
11	2	93.1	15	1825.0	-	9.548557
12	2	93.6	13	1166.0	-	10.721267
13	3	54.2	5	1340.0	1740.0	11.149620

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	51.4	18	1051.0	-	0.713064
2	2	71.1	8	1838.0	-	1.515457
3	1	85.3	12	-	-	2.264499
4	1	69.3	9	-	-	3.137750
5	3	84.6	18	1537.0	1232.0	4.032026
6	2	95.1	11	1759.0	-	5.338367
7	2	54.8	18	1971.0	-	6.988431
8	2	70.6	13	1382.0	-	7.117566
9	3	90.5	17	1133.0	1843.0	8.493768
10	1	94.6	9	-	-	9.402156
11	3	58.7	15	1564.0	1477.0	10.677908
12	3	80.2	14	1012.0	1640.0	11.340986

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	93.6	18	-	-	0.099956
2	1	79.1	5	-	-	2.512146
3	1	59.2	19	-	-	3.427867
4	2	99.5	14	1499.0	-	4.673953
5	2	55.7	13	1548.0	-	7.332936
6	3	72.5	10	1759.0	1511.0	7.595376
7	2	51.3	9	1908.0	-	10.226940
8	2	65.3	14	1177.0	-	11.359735

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	87.3	18	1966.0	-	0.354723
2	1	66.7	14	-	-	1.760127
3	2	89.2	8	1782.0	-	2.208269
4	2	93.2	11	1448.0	-	3.675122
5	3	59.1	19	1965.0	1385.0	5.406442
6	1	93.2	16	-	-	5.956345
7	3	89.9	11	1489.0	1793.0	6.969715
8	2	89.8	19	1203.0	-	7.675623
9	2	75.3	10	1373.0	-	9.813798
10	1	66.7	5	-	-	9.873179
11	2	56.4	7	1405.0	-	11.504473

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	74.7	9	-	-	0.355117
2	2	77.9	16	1447.0	-	0.810094
3	2	74.8	16	1840.0	-	1.988839
4	2	53.7	6	1367.0	-	2.747002
5	2	61.4	7	1052.0	-	3.156485
6	2	83.6	9	1295.0	-	3.975489

<b>Table 78 - _n40_ Long Sequence Waveform Trial#29 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
7	2	78.9	5	1417.0	-	5.182377
8	3	89.1	18	1764.0	1667.0	5.594425
9	1	84.0	19	-	-	6.566636
10	1	60.1	12	-	-	6.954600
11	2	63.9	12	1194.0	-	7.631801
12	3	62.4	18	1260.0	1434.0	8.411081
13	1	71.0	11	-	-	9.716474
14	1	77.4	19	-	-	10.247213
15	2	84.2	9	1368.0	-	11.059810
16	2	81.1	15	1443.0	-	11.646975

<b>Table 79 - _n40_ Long Sequence Waveform Trial#30 (Detected)</b>						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	86.9	19	1647.0	1930.0	1.100436
2	3	99.1	11	1122.0	1678.0	1.786191
3	2	72.5	8	1972.0	-	2.763967
4	1	88.7	15	-	-	4.912229
5	2	66.5	9	1835.0	-	6.231228
6	1	53.6	12	-	-	7.567199
7	3	83.5	14	1430.0	1036.0	8.256616
8	3	90.5	10	1097.0	1730.0	10.172469
9	3	94.8	15	1044.0	1747.0	11.551338

<b>Table 80 - FCC frequency hopping radar (Type 6) Results _n40_</b>						
Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information

Table 80 - FCC frequency hopping radar (Type 6) Results _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: 5597, 5582, 5622, 5473, 5267, 5514, 5712, 5513, 5460, 5651, 5707, 5693, 5414, 5591, 5688, 5503, 5486, 5677, 5692, 5474, 5639, 5387, 5434, 5435, 5278, 5717, 5640, 5564, 5446, 5262, 5391, 5366, 5352, 5306, 5620, 5577, 5450, 5568, 5542, 5270, 5363, 5377, 5484, 5383, 5530, 5279, 5382, 5700, 5535, 5665, 5719, 5472, 5294, 5332, 5686, 5626, 5302, 5673, 5610, 5447, 5436, 5607, 5598, 5705, 5628, 5666, 5548, 5685, 5506, 5541, 5457, 5487, 5378, 5708, 5417, 5297, 5448, 5618, 5346, 5661, 5281, 5497, 5338, 5634, 5517, 5616, 5353, 5567, 5266, 5512, 5412, 5660, 5570, 5388, 5697, 5260, 5430, 5463, 5258, 5347 (7 hits) (05/17/2012 01:11:45 PM)
2	9	1.0	333.0	Yes	5526.0MHz, -64.0dBm	Hop sequence: 5487, 5307, 5630, 5398, 5611, 5547, 5288, 5309, 5359, 5434, 5440, 5301, 5535, 5703, 5651, 5625, 5458, 5293, 5629, 5674, 5421, 5318, 5663, 5617, 5501, 5381, 5385, 5418, 5642, 5437, 5673, 5549, 5424, 5560, 5299, 5342, 5678, 5436, 5624, 5581, 5566, 5415, 5315, 5427, 5571, 5654, 5274, 5497, 5622, 5378, 5422, 5707, 5553, 5641, 5314, 5516, 5655, 5365, 5636, 5513, 5701, 5485, 5423, 5313, 5661, 5529, 5411, 5619, 5475, 5332, 5644, 5432, 5579, 5521, 5279, 5586, 5272, 5570, 5607, 5347, 5298, 5716, 5390, 5417, 5633, 5709, 5479, 5582, 5664, 5510, 5555, 5346, 5576, 5430, 5341, 5544, 5575, 5281, 5601, 5517 (7 hits) (05/17/2012 01:11:53 PM)
3	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5331, 5328, 5640, 5726, 5419, 5491, 5679, 5655, 5715, 5620, 5301, 5447, 5360, 5344, 5400, 5581, 5264, 5691, 5537, 5510, 5446, 5300, 5406, 5280, 5324, 5377, 5290, 5358, 5608, 5471, 5494, 5548, 5356, 5511, 5391, 5675, 5347, 5432, 5676, 5417, 5266, 5299, 5487, 5436, 5443, 5477, 5519, 5255, 5287, 5375, 5326, 5536, 5541,

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5296, 5353, 5553, 5285, 5569, 5348, 5560, 5368, 5482, 5645, 5421, 5461, 5415, 5327, 5561, 5351, 5657, 5335, 5695, 5321, 5667, 5297, 5374, 5486, 5708, 5457, 5490, 5597, 5578, 5618, 5483, 5563, 5699, 5521, 5719, 5332, 5382, 5412, 5476, 5583, 5542, 5631, 5527, 5678, 5364, 5260, 5641 (5 hits) (05/17/2012 01:12:01 PM)
4	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5411, 5642, 5608, 5404, 5592, 5618, 5563, 5272, 5527, 5285, 5382, 5338, 5467, 5722, 5425, 5291, 5679, 5393, 5518, 5702, 5590, 5711, 5282, 5436, 5407, 5710, 5694, 5498, 5572, 5571, 5403, 5653, 5486, 5612, 5392, 5423, 5494, 5551, 5445, 5543, 5557, 5263, 5356, 5614, 5275, 5351, 5626, 5414, 5582, 5400, 5309, 5255, 5641, 5703, 5418, 5430, 5435, 5699, 5567, 5532, 5515, 5655, 5310, 5665, 5281, 5537, 5443, 5524, 5600, 5276, 5484, 5573, 5646, 5432, 5257, 5605, 5311, 5595, 5270, 5685, 5485, 5426, 5602, 5260, 5456, 5651, 5643, 5442, 5289, 5599, 5488, 5541, 5598, 5363, 5405, 5457, 5303, 5561, 5688, 5588 (5 hits) (05/17/2012 01:12:08 PM)
5	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5468, 5677, 5725, 5324, 5399, 5461, 5265, 5709, 5375, 5392, 5487, 5300, 5256, 5570, 5477, 5433, 5616, 5441, 5606, 5582, 5316, 5707, 5373, 5308, 5693, 5382, 5412, 5528, 5344, 5347, 5416, 5525, 5422, 5306, 5374, 5605, 5518, 5488, 5650, 5333, 5493, 5649, 5484, 5368, 5415, 5400, 5450, 5252, 5517, 5687, 5360, 5287, 5272, 5690, 5444, 5627, 5332, 5282, 5260, 5532, 5671, 5607, 5631, 5295, 5681, 5669, 5717, 5402, 5651, 5673, 5480, 5437, 5639, 5279, 5318, 5291, 5611, 5431, 5589, 5591, 5286, 5682, 5603, 5554, 5309, 5458, 5459, 5686, 5460, 5293, 5406, 5253, 5378, 5685, 5663, 5334, 5496, 5530, 5632, 5358 (4 hits) (05/17/2012 01:12:15 PM)



Table 80 - FCC frequency hopping radar (Type 6) Results _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: 5308, 5488, 5465, 5399, 5367, 5321, 5273, 5532, 5274, 5648, 5309, 5703, 5561, 5299, 5551, 5660, 5694, 5647, 5400, 5526, 5579, 5391, 5543, 5571, 5443, 5473, 5590, 5378, 5411, 5721, 5554, 5480, 5705, 5301, 5704, 5491, 5697, 5305, 5606, 5507, 5256, 5278, 5421, 5575, 5504, 5626, 5290, 5563, 5426, 5635, 5268, 5395, 5650, 5354, 5284, 5584, 5489, 5416, 5279, 5720, 5365, 5427, 5548, 5643, 5595, 5468, 5510, 5568, 5639, 5418, 5649, 5318, 5349, 5621, 5624, 5325, 5515, 5674, 5508, 5495, 5459, 5536, 5407, 5692, 5252, 5350, 5437, 5254, 5610, 5484, 5583, 5609, 5476, 5370, 5509, 5453, 5603, 5519, 5402, 5604 (9 hits) (05/17/2012 01:12:22 PM)
7	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5267, 5477, 5447, 5278, 5713, 5611, 5547, 5322, 5356, 5588, 5262, 5658, 5265, 5683, 5340, 5293, 5437, 5518, 5303, 5551, 5501, 5678, 5640, 5495, 5528, 5271, 5579, 5684, 5323, 5540, 5392, 5492, 5681, 5499, 5274, 5546, 5541, 5536, 5318, 5359, 5391, 5414, 5365, 5650, 5693, 5628, 5465, 5726, 5282, 5590, 5668, 5277, 5576, 5511, 5696, 5425, 5372, 5461, 5308, 5312, 5446, 5349, 5555, 5264, 5327, 5350, 5256, 5485, 5381, 5663, 5707, 5577, 5523, 5353, 5371, 5722, 5548, 5721, 5583, 5469, 5627, 5326, 5316, 5556, 5436, 5415, 5565, 5378, 5592, 5462, 5337, 5603, 5382, 5698, 5623, 5450, 5601, 5622, 5490, 5633 (6 hits) (05/17/2012 01:12:29 PM)
8	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5700, 5440, 5607, 5395, 5698, 5373, 5567, 5352, 5667, 5585, 5705, 5586, 5581, 5262, 5471, 5341, 5723, 5569, 5416, 5524, 5658, 5708, 5695, 5659, 5612, 5664, 5597, 5696, 5704, 5504, 5407, 5609, 5556, 5677, 5678, 5310, 5381, 5565, 5449, 5702, 5325, 5616, 5349, 5468, 5533, 5306, 5427, 5651, 5636, 5547, 5543, 5479, 5266,

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5303, 5382, 5258, 5562, 5652, 5703, 5301, 5251, 5719, 5559, 5541, 5480, 5324, 5366, 5598, 5552, 5435, 5337, 5339, 5292, 5331, 5404, 5593, 5400, 5701, 5482, 5273, 5283, 5478, 5669, 5614, 5346, 5423, 5276, 5722, 5497, 5462, 5394, 5513, 5469, 5627, 5682, 5299, 5328, 5544, 5486, 5626 (4 hits) (05/17/2012 01:12:36 PM)
9	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5557, 5610, 5402, 5451, 5418, 5541, 5433, 5419, 5613, 5256, 5618, 5423, 5669, 5259, 5542, 5457, 5376, 5693, 5561, 5583, 5563, 5683, 5612, 5424, 5658, 5646, 5505, 5519, 5303, 5407, 5466, 5590, 5623, 5462, 5291, 5530, 5558, 5624, 5494, 5461, 5356, 5416, 5288, 5384, 5447, 5721, 5371, 5679, 5483, 5526, 5550, 5278, 5602, 5717, 5439, 5725, 5400, 5656, 5373, 5455, 5531, 5386, 5595, 5525, 5706, 5390, 5514, 5266, 5585, 5361, 5571, 5535, 5485, 5608, 5315, 5443, 5389, 5450, 5486, 5411, 5647, 5724, 5392, 5492, 5366, 5258, 5399, 5631, 5312, 5661, 5619, 5572, 5270, 5471, 5650, 5265, 5643, 5329, 5372, 5298 (6 hits) (05/17/2012 01:12:44 PM)
10	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5262, 5275, 5293, 5680, 5609, 5591, 5437, 5612, 5603, 5339, 5511, 5691, 5529, 5423, 5632, 5677, 5296, 5595, 5500, 5480, 5415, 5497, 5438, 5533, 5261, 5454, 5250, 5636, 5266, 5709, 5686, 5588, 5385, 5318, 5463, 5678, 5335, 5342, 5404, 5474, 5665, 5618, 5258, 5403, 5401, 5667, 5350, 5320, 5549, 5425, 5333, 5457, 5671, 5611, 5337, 5569, 5585, 5683, 5475, 5726, 5499, 5352, 5542, 5445, 5310, 5359, 5465, 5326, 5629, 5622, 5411, 5707, 5574, 5641, 5373, 5651, 5369, 5472, 5331, 5344, 5676, 5376, 5577, 5355, 5697, 5694, 5573, 5625, 5357, 5324, 5633, 5605, 5610, 5606, 5596, 5283, 5539, 5522, 5543, 5289 (5 hits) (05/17/2012 01:12:53 PM)

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
11	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5697, 5598, 5320, 5464, 5422, 5556, 5359, 5600, 5621, 5478, 5569, 5717, 5316, 5541, 5272, 5703, 5563, 5448, 5481, 5268, 5588, 5390, 5594, 5258, 5579, 5649, 5637, 5711, 5473, 5499, 5628, 5399, 5549, 5592, 5545, 5482, 5381, 5489, 5379, 5656, 5309, 5472, 5287, 5286, 5503, 5531, 5289, 5523, 5459, 5384, 5640, 5416, 5282, 5609, 5332, 5571, 5542, 5417, 5404, 5527, 5342, 5619, 5326, 5680, 5560, 5418, 5581, 5653, 5634, 5604, 5358, 5347, 5265, 5612, 5356, 5357, 5715, 5266, 5254, 5667, 5436, 5438, 5553, 5695, 5334, 5668, 5403, 5393, 5578, 5691, 5327, 5263, 5686, 5698, 5633, 5274, 5476, 5603, 5681, 5367 (3 hits) (05/17/2012 01:13:03 PM)
12	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5290, 5710, 5619, 5307, 5464, 5672, 5363, 5405, 5345, 5626, 5543, 5362, 5253, 5611, 5568, 5449, 5287, 5288, 5322, 5602, 5650, 5498, 5725, 5688, 5492, 5511, 5714, 5559, 5501, 5629, 5484, 5500, 5415, 5634, 5665, 5504, 5465, 5553, 5466, 5535, 5427, 5596, 5690, 5371, 5395, 5390, 5335, 5339, 5590, 5481, 5668, 5601, 5558, 5333, 5546, 5520, 5350, 5419, 5266, 5713, 5277, 5342, 5316, 5704, 5698, 5496, 5383, 5565, 5461, 5347, 5469, 5695, 5453, 5679, 5515, 5503, 5338, 5640, 5699, 5451, 5262, 5310, 5476, 5325, 5693, 5717, 5401, 5319, 5410, 5360, 5300, 5620, 5334, 5441, 5578, 5358, 5597, 5284, 5524, 5623 (10 hits) (05/17/2012 01:13:09 PM)
13	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5394, 5444, 5329, 5576, 5548, 5314, 5393, 5648, 5530, 5610, 5642, 5577, 5378, 5360, 5437, 5543, 5551, 5562, 5520, 5632, 5313, 5627, 5300, 5340, 5433, 5282, 5630, 5326, 5308, 5281, 5575, 5604, 5458, 5409, 5323, 5566, 5448, 5319, 5667, 5670, 5424, 5539, 5638, 5451, 5469, 5363, 5376, 5713, 5665, 5279, 5413, 5668, 5470,

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5574, 5450, 5497, 5595, 5516, 5356, 5645, 5479, 5716, 5536, 5626, 5571, 5587, 5509, 5636, 5512, 5533, 5486, 5647, 5521, 5463, 5564, 5617, 5572, 5609, 5700, 5623, 5484, 5659, 5301, 5339, 5561, 5702, 5628, 5317, 5510, 5492, 5295, 5681, 5502, 5389, 5385, 5654, 5374, 5416, 5251, 5655 (8 hits) (05/17/2012 01:13:20 PM)
14	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5412, 5334, 5394, 5287, 5529, 5633, 5486, 5670, 5577, 5539, 5610, 5566, 5567, 5603, 5627, 5468, 5357, 5700, 5710, 5321, 5642, 5574, 5498, 5516, 5288, 5295, 5668, 5580, 5326, 5262, 5595, 5517, 5554, 5450, 5500, 5585, 5472, 5654, 5352, 5680, 5319, 5532, 5339, 5703, 5308, 5525, 5579, 5715, 5722, 5608, 5306, 5405, 5473, 5598, 5638, 5609, 5690, 5678, 5707, 5555, 5465, 5254, 5716, 5581, 5379, 5377, 5587, 5639, 5480, 5299, 5723, 5481, 5634, 5460, 5398, 5596, 5542, 5655, 5402, 5318, 5590, 5474, 5427, 5342, 5526, 5618, 5422, 5397, 5629, 5389, 5337, 5484, 5415, 5687, 5701, 5515, 5615, 5265, 5562, 5667 (7 hits) (05/17/2012 01:13:27 PM)
15	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5657, 5453, 5504, 5305, 5274, 5535, 5506, 5387, 5262, 5341, 5472, 5402, 5681, 5267, 5593, 5290, 5346, 5312, 5714, 5255, 5541, 5303, 5527, 5329, 5653, 5581, 5397, 5522, 5479, 5466, 5675, 5565, 5353, 5343, 5327, 5603, 5629, 5556, 5724, 5712, 5592, 5317, 5690, 5491, 5519, 5398, 5452, 5686, 5454, 5622, 5543, 5367, 5502, 5708, 5684, 5676, 5340, 5435, 5530, 5538, 5540, 5480, 5665, 5342, 5621, 5695, 5604, 5422, 5318, 5322, 5270, 5525, 5600, 5631, 5513, 5624, 5634, 5462, 5468, 5575, 5693, 5388, 5349, 5302, 5337, 5651, 5339, 5683, 5586, 5595, 5516, 5691, 5253, 5478, 5254, 5628, 5275, 5685, 5489, 5375 (8 hits) (05/17/2012 01:13:34 PM)

Table 80 - FCC frequency hopping radar (Type 6) Results _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: 5261, 5448, 5625, 5540, 5374, 5517, 5390, 5646, 5433, 5638, 5555, 5422, 5563, 5579, 5713, 5276, 5522, 5346, 5655, 5496, 5389, 5333, 5684, 5286, 5537, 5623, 5681, 5685, 5291, 5310, 5347, 5400, 5714, 5280, 5305, 5699, 5636, 5283, 5470, 5301, 5558, 5271, 5712, 5344, 5259, 5630, 5719, 5384, 5393, 5419, 5320, 5664, 5663, 5475, 5720, 5700, 5407, 5666, 5505, 5256, 5511, 5577, 5356, 5608, 5529, 5438, 5527, 5508, 5502, 5569, 5515, 5578, 5421, 5587, 5265, 5338, 5658, 5408, 5559, 5307, 5643, 5530, 5471, 5487, 5725, 5351, 5573, 5648, 5359, 5478, 5250, 5548, 5507, 5325, 5694, 5337, 5486, 5414, 5453, 5355 (9 hits) (05/17/2012 01:13:41 PM)
17	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5710, 5631, 5328, 5459, 5686, 5377, 5608, 5258, 5257, 5418, 5500, 5461, 5273, 5613, 5398, 5358, 5498, 5374, 5368, 5285, 5469, 5667, 5290, 5533, 5566, 5506, 5417, 5412, 5505, 5467, 5465, 5319, 5526, 5391, 5477, 5682, 5695, 5403, 5655, 5299, 5251, 5340, 5718, 5602, 5535, 5679, 5715, 5571, 5633, 5472, 5312, 5384, 5687, 5701, 5266, 5366, 5325, 5664, 5520, 5609, 5504, 5692, 5449, 5657, 5289, 5660, 5702, 5497, 5425, 5304, 5393, 5363, 5349, 5466, 5270, 5705, 5265, 5482, 5302, 5642, 5261, 5373, 5308, 5323, 5280, 5654, 5414, 5674, 5523, 5717, 5357, 5262, 5552, 5346, 5546, 5675, 5474, 5580, 5306, 5651 (9 hits) (05/17/2012 01:13:47 PM)
18	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5386, 5536, 5626, 5672, 5628, 5336, 5573, 5472, 5460, 5597, 5286, 5434, 5340, 5353, 5379, 5670, 5338, 5438, 5272, 5355, 5647, 5483, 5467, 5278, 5433, 5717, 5518, 5493, 5618, 5665, 5659, 5603, 5510, 5330, 5284, 5317, 5563, 5369, 5411, 5660, 5565, 5352, 5384, 5703, 5529, 5393, 5654, 5648, 5448, 5387, 5399, 5593, 5303,

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5421, 5724, 5428, 5706, 5625, 5378, 5474, 5713, 5346, 5260, 5461, 5522, 5666, 5481, 5568, 5669, 5598, 5276, 5360, 5570, 5712, 5589, 5564, 5279, 5469, 5475, 5599, 5304, 5300, 5614, 5436, 5541, 5391, 5663, 5601, 5721, 5689, 5677, 5327, 5676, 5490, 5373, 5621, 5592, 5635, 5468, 5718 (3 hits) (05/17/2012 01:13:55 PM)
19	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5364, 5251, 5680, 5568, 5341, 5547, 5596, 5581, 5653, 5510, 5311, 5372, 5652, 5694, 5315, 5468, 5292, 5609, 5626, 5472, 5366, 5291, 5722, 5549, 5310, 5306, 5678, 5416, 5473, 5551, 5712, 5294, 5544, 5705, 5602, 5635, 5561, 5400, 5318, 5599, 5698, 5282, 5725, 5360, 5575, 5407, 5267, 5428, 5433, 5638, 5651, 5718, 5414, 5258, 5597, 5595, 5383, 5587, 5486, 5389, 5557, 5329, 5559, 5655, 5378, 5632, 5681, 5270, 5570, 5594, 5324, 5446, 5456, 5255, 5566, 5639, 5490, 5545, 5466, 5391, 5316, 5711, 5346, 5531, 5700, 5633, 5530, 5339, 5674, 5462, 5323, 5554, 5424, 5263, 5330, 5418, 5714, 5352, 5481, 5667 (1 hits) (05/17/2012 01:14:02 PM)
20	9	1.0	333.0	Yes	5511.0MHz, -64.0dBm	Hop sequence: 5596, 5360, 5630, 5520, 5420, 5519, 5274, 5530, 5511, 5269, 5399, 5453, 5554, 5283, 5452, 5485, 5575, 5717, 5493, 5296, 5585, 5572, 5664, 5259, 5330, 5279, 5469, 5278, 5561, 5560, 5545, 5258, 5541, 5415, 5391, 5723, 5372, 5340, 5345, 5601, 5701, 5262, 5301, 5687, 5386, 5642, 5549, 5309, 5591, 5712, 5265, 5346, 5615, 5464, 5558, 5325, 5605, 5418, 5610, 5355, 5600, 5628, 5524, 5414, 5277, 5692, 5499, 5307, 5478, 5714, 5512, 5257, 5626, 5624, 5645, 5606, 5433, 5377, 5299, 5252, 5488, 5366, 5365, 5422, 5448, 5533, 5535, 5472, 5563, 5602, 5322, 5300, 5459, 5633, 5450, 5711, 5435, 5477, 5490, 5659 (6 hits) (05/17/2012 01:14:10 PM)

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	9	1.0	333.0	Yes	5512.0MHz, -64.0dBm	Hop sequence: 5307, 5536, 5566, 5289, 5639, 5538, 5486, 5496, 5605, 5503, 5346, 5422, 5690, 5251, 5680, 5699, 5310, 5474, 5315, 5320, 5655, 5361, 5700, 5417, 5430, 5300, 5381, 5713, 5367, 5564, 5432, 5266, 5635, 5338, 5651, 5556, 5301, 5280, 5354, 5333, 5290, 5498, 5379, 5336, 5406, 5587, 5626, 5447, 5427, 5663, 5423, 5418, 5497, 5548, 5499, 5299, 5636, 5281, 5267, 5434, 5313, 5482, 5654, 5685, 5528, 5645, 5653, 5296, 5253, 5287, 5388, 5282, 5614, 5457, 5667, 5413, 5684, 5343, 5495, 5303, 5459, 5681, 5356, 5718, 5262, 5435, 5627, 5491, 5409, 5524, 5606, 5404, 5515, 5539, 5318, 5624, 5719, 5462, 5612, 5521 (9 hits) (05/17/2012 01:14:18 PM)
22	9	1.0	333.0	Yes	5513.0MHz, -64.0dBm	Hop sequence: 5258, 5646, 5299, 5588, 5415, 5270, 5536, 5610, 5400, 5540, 5262, 5324, 5552, 5441, 5590, 5571, 5384, 5418, 5296, 5485, 5497, 5284, 5556, 5516, 5633, 5478, 5634, 5655, 5525, 5440, 5372, 5458, 5411, 5576, 5612, 5521, 5597, 5569, 5515, 5360, 5726, 5491, 5306, 5298, 5718, 5546, 5644, 5453, 5383, 5288, 5467, 5473, 5589, 5345, 5424, 5281, 5603, 5290, 5528, 5271, 5471, 5280, 5557, 5554, 5690, 5583, 5277, 5421, 5476, 5538, 5580, 5567, 5489, 5408, 5615, 5599, 5628, 5632, 5333, 5586, 5316, 5501, 5566, 5490, 5530, 5460, 5394, 5378, 5396, 5518, 5684, 5318, 5420, 5623, 5428, 5475, 5704, 5447, 5358, 5524 (8 hits) (05/17/2012 01:14:25 PM)
23	9	1.0	333.0	Yes	5514.0MHz, -64.0dBm	Hop sequence: 5695, 5576, 5428, 5682, 5659, 5722, 5662, 5554, 5505, 5599, 5602, 5367, 5516, 5713, 5596, 5689, 5697, 5273, 5528, 5577, 5517, 5332, 5714, 5544, 5380, 5653, 5318, 5436, 5340, 5497, 5603, 5615, 5409, 5531, 5401, 5631, 5359, 5402, 5260, 5629, 5640, 5703, 5372, 5326, 5419, 5475, 5292, 5685, 5572, 5374, 5619, 5677, 5679,

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5693, 5373, 5257, 5573, 5333, 5723, 5259, 5593, 5403, 5458, 5501, 5388, 5533, 5339, 5672, 5325, 5261, 5289, 5590, 5610, 5715, 5655, 5515, 5255, 5618, 5309, 5500, 5294, 5514, 5549, 5414, 5312, 5470, 5365, 5280, 5379, 5720, 5535, 5425, 5383, 5559, 5564, 5342, 5250, 5538, 5524, 5617 (9 hits) (05/17/2012 01:14:32 PM)
24	9	1.0	333.0	Yes	5515.0MHz, -64.0dBm	Hop sequence: 5274, 5693, 5530, 5626, 5589, 5612, 5660, 5311, 5556, 5599, 5571, 5323, 5364, 5607, 5362, 5533, 5467, 5617, 5291, 5652, 5420, 5513, 5543, 5319, 5633, 5355, 5492, 5380, 5357, 5546, 5266, 5359, 5332, 5573, 5570, 5345, 5621, 5604, 5418, 5654, 5293, 5691, 5330, 5343, 5405, 5334, 5545, 5477, 5681, 5724, 5474, 5687, 5586, 5432, 5697, 5677, 5265, 5348, 5564, 5397, 5568, 5590, 5315, 5443, 5665, 5666, 5600, 5481, 5562, 5298, 5270, 5499, 5622, 5714, 5625, 5685, 5680, 5285, 5527, 5279, 5663, 5658, 5520, 5316, 5605, 5429, 5574, 5614, 5616, 5458, 5494, 5511, 5602, 5281, 5473, 5627, 5483, 5295, 5535, 5423 (5 hits) (05/17/2012 01:14:39 PM)
25	9	1.0	333.0	Yes	5516.0MHz, -64.0dBm	Hop sequence: 5436, 5471, 5562, 5355, 5354, 5298, 5498, 5360, 5250, 5256, 5573, 5564, 5638, 5451, 5463, 5335, 5546, 5674, 5640, 5251, 5267, 5501, 5620, 5371, 5580, 5588, 5705, 5321, 5581, 5316, 5708, 5419, 5558, 5519, 5280, 5448, 5653, 5492, 5590, 5295, 5587, 5442, 5607, 5276, 5632, 5523, 5507, 5374, 5533, 5671, 5666, 5495, 5552, 5309, 5493, 5544, 5642, 5275, 5432, 5364, 5661, 5566, 5549, 5586, 5703, 5670, 5363, 5304, 5606, 5537, 5575, 5539, 5690, 5341, 5465, 5508, 5310, 5458, 5500, 5635, 5460, 5317, 5464, 5352, 5361, 5274, 5720, 5719, 5636, 5476, 5325, 5336, 5459, 5520, 5297, 5601, 5430, 5568, 5611, 5318 (9 hits) (05/17/2012 01:14:47 PM)



Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
26	9	1.0	333.0	Yes	5517.0MHz, -64.0dBm	Hop sequence: 5604, 5556, 5301, 5663, 5559, 5511, 5360, 5584, 5524, 5528, 5494, 5492, 5544, 5648, 5625, 5695, 5377, 5310, 5417, 5620, 5460, 5602, 5299, 5568, 5410, 5366, 5433, 5419, 5614, 5306, 5564, 5639, 5326, 5608, 5607, 5458, 5334, 5561, 5399, 5500, 5651, 5532, 5342, 5368, 5297, 5347, 5427, 5571, 5598, 5357, 5328, 5603, 5259, 5273, 5716, 5431, 5671, 5548, 5279, 5363, 5638, 5255, 5589, 5673, 5254, 5252, 5263, 5706, 5566, 5530, 5343, 5576, 5272, 5563, 5630, 5322, 5296, 5711, 5582, 5617, 5709, 5318, 5371, 5615, 5643, 5459, 5665, 5439, 5341, 5383, 5662, 5505, 5636, 5678, 5388, 5567, 5621, 5587, 5723, 5649 (5 hits) (05/17/2012 01:14:54 PM)
27	9	1.0	333.0	Yes	5518.0MHz, -64.0dBm	Hop sequence: 5355, 5627, 5314, 5377, 5367, 5583, 5610, 5591, 5597, 5374, 5695, 5467, 5392, 5257, 5569, 5425, 5589, 5571, 5694, 5468, 5618, 5270, 5412, 5484, 5637, 5721, 5595, 5629, 5671, 5387, 5517, 5679, 5352, 5408, 5725, 5384, 5511, 5267, 5350, 5619, 5258, 5555, 5552, 5320, 5347, 5516, 5448, 5299, 5292, 5394, 5519, 5255, 5283, 5615, 5514, 5309, 5532, 5354, 5495, 5493, 5502, 5264, 5500, 5393, 5430, 5321, 5389, 5422, 5298, 5415, 5481, 5649, 5635, 5676, 5596, 5326, 5340, 5345, 5593, 5458, 5554, 5546, 5525, 5410, 5507, 5613, 5306, 5369, 5277, 5486, 5332, 5432, 5290, 5308, 5646, 5360, 5479, 5282, 5645, 5528 (10 hits) (05/17/2012 01:15:03 PM)
28	9	1.0	333.0	Yes	5519.0MHz, -64.0dBm	Hop sequence: 5407, 5502, 5436, 5425, 5701, 5281, 5313, 5712, 5498, 5646, 5464, 5267, 5554, 5496, 5653, 5277, 5557, 5467, 5509, 5451, 5384, 5519, 5331, 5675, 5400, 5572, 5708, 5452, 5704, 5278, 5305, 5273, 5468, 5294, 5667, 5575, 5256, 5301, 5414, 5428, 5479, 5290, 5592, 5702, 5536, 5544, 5421, 5466, 5672, 5723, 5391, 5610, 5443,

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5378, 5497, 5418, 5625, 5709, 5718, 5354, 5326, 5271, 5643, 5526, 5350, 5352, 5678, 5445, 5725, 5485, 5298, 5379, 5477, 5713, 5285, 5376, 5483, 5555, 5340, 5307, 5698, 5599, 5719, 5448, 5309, 5462, 5358, 5673, 5640, 5619, 5649, 5251, 5520, 5635, 5595, 5508, 5605, 5385, 5523, 5715 (10 hits) (05/17/2012 01:15:10 PM)
29	9	1.0	333.0	Yes	5520.0MHz, -64.0dBm	Hop sequence: 5291, 5564, 5500, 5595, 5526, 5385, 5327, 5258, 5553, 5336, 5580, 5441, 5538, 5293, 5611, 5256, 5485, 5465, 5698, 5446, 5713, 5562, 5416, 5507, 5544, 5320, 5645, 5367, 5274, 5693, 5540, 5436, 5633, 5408, 5402, 5404, 5345, 5477, 5675, 5280, 5550, 5381, 5651, 5710, 5432, 5487, 5489, 5411, 5528, 5300, 5505, 5516, 5535, 5346, 5677, 5476, 5295, 5461, 5374, 5331, 5674, 5565, 5537, 5459, 5639, 5266, 5672, 5680, 5462, 5479, 5610, 5582, 5371, 5549, 5405, 5504, 5567, 5545, 5686, 5315, 5384, 5423, 5574, 5380, 5316, 5325, 5563, 5603, 5282, 5604, 5650, 5288, 5546, 5305, 5560, 5349, 5332, 5637, 5648, 5589 (6 hits) (05/17/2012 01:15:17 PM)
30	9	1.0	333.0	Yes	5521.0MHz, -64.0dBm	Hop sequence: 5443, 5521, 5480, 5272, 5547, 5555, 5548, 5360, 5306, 5463, 5434, 5678, 5273, 5551, 5683, 5392, 5605, 5695, 5535, 5464, 5604, 5673, 5459, 5538, 5257, 5503, 5301, 5380, 5505, 5593, 5304, 5594, 5484, 5566, 5377, 5638, 5666, 5396, 5691, 5261, 5534, 5312, 5498, 5373, 5502, 5430, 5315, 5456, 5391, 5269, 5328, 5685, 5716, 5320, 5453, 5271, 5570, 5473, 5634, 5318, 5485, 5305, 5359, 5543, 5539, 5351, 5314, 5540, 5416, 5651, 5692, 5596, 5460, 5510, 5619, 5384, 5279, 5395, 5466, 5431, 5560, 5376, 5637, 5712, 5322, 5319, 5337, 5506, 5603, 5556, 5700, 5403, 5310, 5409, 5449, 5401, 5567, 5704, 5676, 5601 (7 hits) (05/17/2012 01:15:24 PM)

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
31	9	1.0	333.0	Yes	5522.0MHz, -64.0dBm	Hop sequence: 5587, 5276, 5619, 5547, 5598, 5447, 5284, 5332, 5386, 5632, 5516, 5589, 5580, 5467, 5615, 5432, 5337, 5701, 5683, 5689, 5608, 5530, 5691, 5495, 5519, 5558, 5468, 5315, 5612, 5394, 5427, 5494, 5629, 5626, 5705, 5582, 5696, 5400, 5573, 5581, 5462, 5459, 5414, 5460, 5546, 5411, 5711, 5700, 5270, 5628, 5464, 5712, 5439, 5413, 5313, 5297, 5346, 5627, 5392, 5663, 5408, 5319, 5451, 5348, 5686, 5278, 5419, 5555, 5407, 5539, 5256, 5602, 5607, 5659, 5333, 5347, 5294, 5302, 5690, 5461, 5709, 5433, 5537, 5680, 5321, 5528, 5330, 5334, 5374, 5412, 5405, 5431, 5609, 5421, 5549, 5384, 5498, 5385, 5603, 5303 (5 hits) (05/17/2012 01:15:31 PM)
32	9	1.0	333.0	Yes	5523.0MHz, -64.0dBm	Hop sequence: 5433, 5607, 5701, 5435, 5658, 5473, 5608, 5632, 5593, 5611, 5538, 5642, 5499, 5539, 5258, 5344, 5534, 5662, 5331, 5674, 5667, 5521, 5601, 5454, 5347, 5582, 5506, 5721, 5643, 5280, 5640, 5334, 5395, 5617, 5354, 5297, 5398, 5376, 5520, 5543, 5549, 5671, 5442, 5462, 5278, 5702, 5427, 5669, 5380, 5328, 5299, 5294, 5705, 5638, 5495, 5345, 5439, 5604, 5536, 5464, 5284, 5406, 5680, 5352, 5288, 5581, 5399, 5401, 5412, 5287, 5722, 5378, 5522, 5512, 5532, 5285, 5326, 5309, 5323, 5660, 5457, 5374, 5261, 5277, 5620, 5373, 5656, 5693, 5723, 5719, 5251, 5302, 5682, 5341, 5577, 5511, 5558, 5649, 5252, 5562 (8 hits) (05/17/2012 01:15:38 PM)
33	9	1.0	333.0	Yes	5524.0MHz, -64.0dBm	Hop sequence: 5678, 5329, 5510, 5508, 5636, 5283, 5708, 5544, 5433, 5634, 5685, 5386, 5401, 5348, 5443, 5458, 5290, 5632, 5597, 5577, 5321, 5559, 5462, 5615, 5653, 5671, 5353, 5564, 5451, 5526, 5552, 5492, 5253, 5498, 5409, 5606, 5307, 5347, 5674, 5714, 5512, 5655, 5258, 5466, 5271, 5364, 5677, 5476, 5407, 5572, 5300, 5263, 5693,

Table 80 - FCC frequency hopping radar (Type 6) Results _n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5264, 5536, 5313, 5627, 5391, 5493, 5605, 5489, 5582, 5640, 5408, 5603, 5716, 5435, 5485, 5266, 5660, 5317, 5452, 5282, 5441, 5281, 5548, 5406, 5542, 5617, 5398, 5467, 5421, 5332, 5630, 5363, 5598, 5361, 5349, 5696, 5260, 5661, 5427, 5425, 5530, 5259, 5420, 5691, 5358, 5359, 5251 (5 hits) (05/17/2012 01:15:49 PM)

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

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

<b>Table 81 FCC Part 15 Subpart E Channel Closing Test Results</b>					
Waveform Type	Channel Closing Transmission Time <sup>1</sup>		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1	0ms	60 ms	114ms	10 s	Pass
Radar Type 5	21.04ms	60 ms	573ms	10 s	Pass

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

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

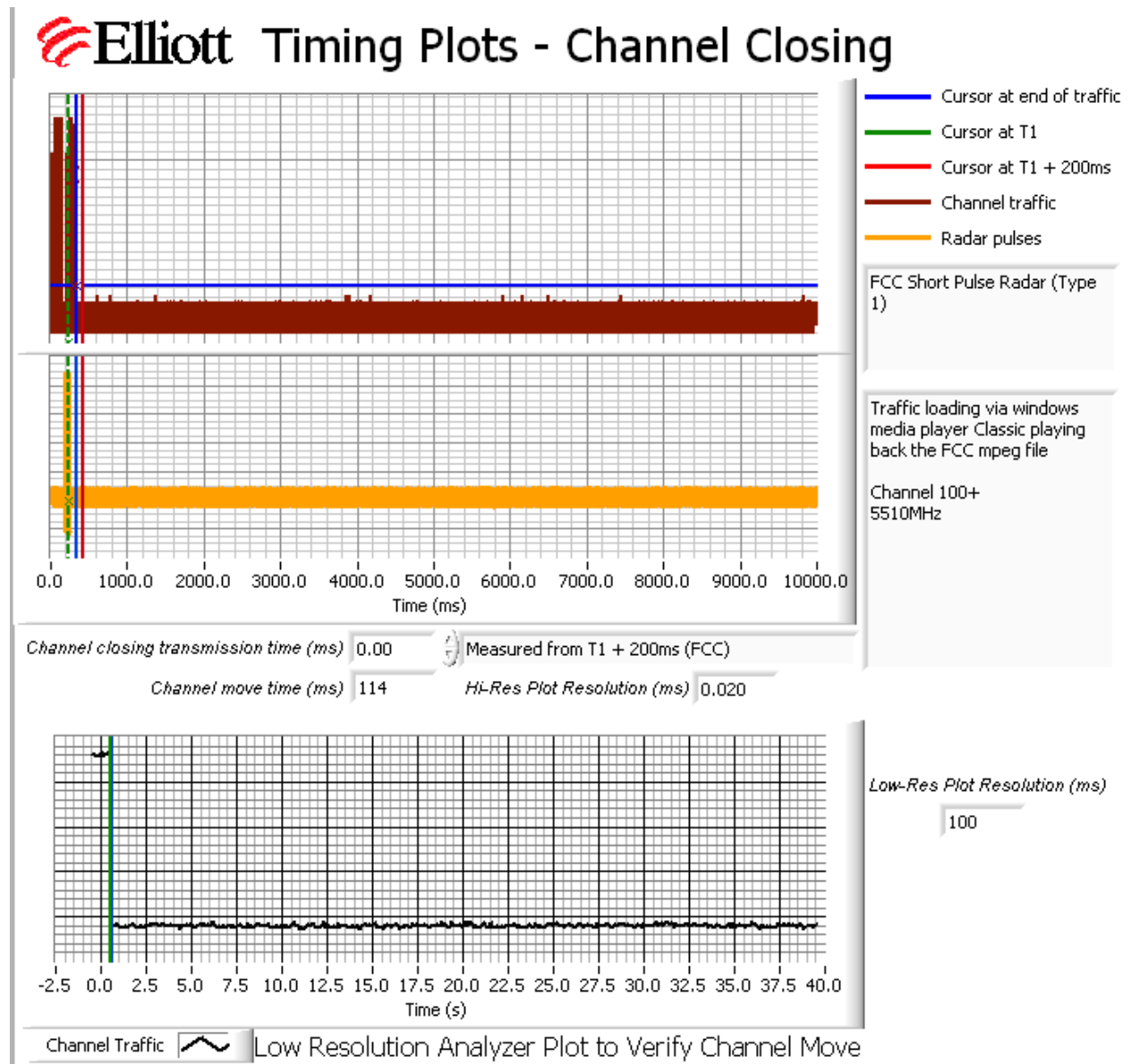


Figure 2 Channel Closing Time and Channel Move Time – 40 second plot, Type 1

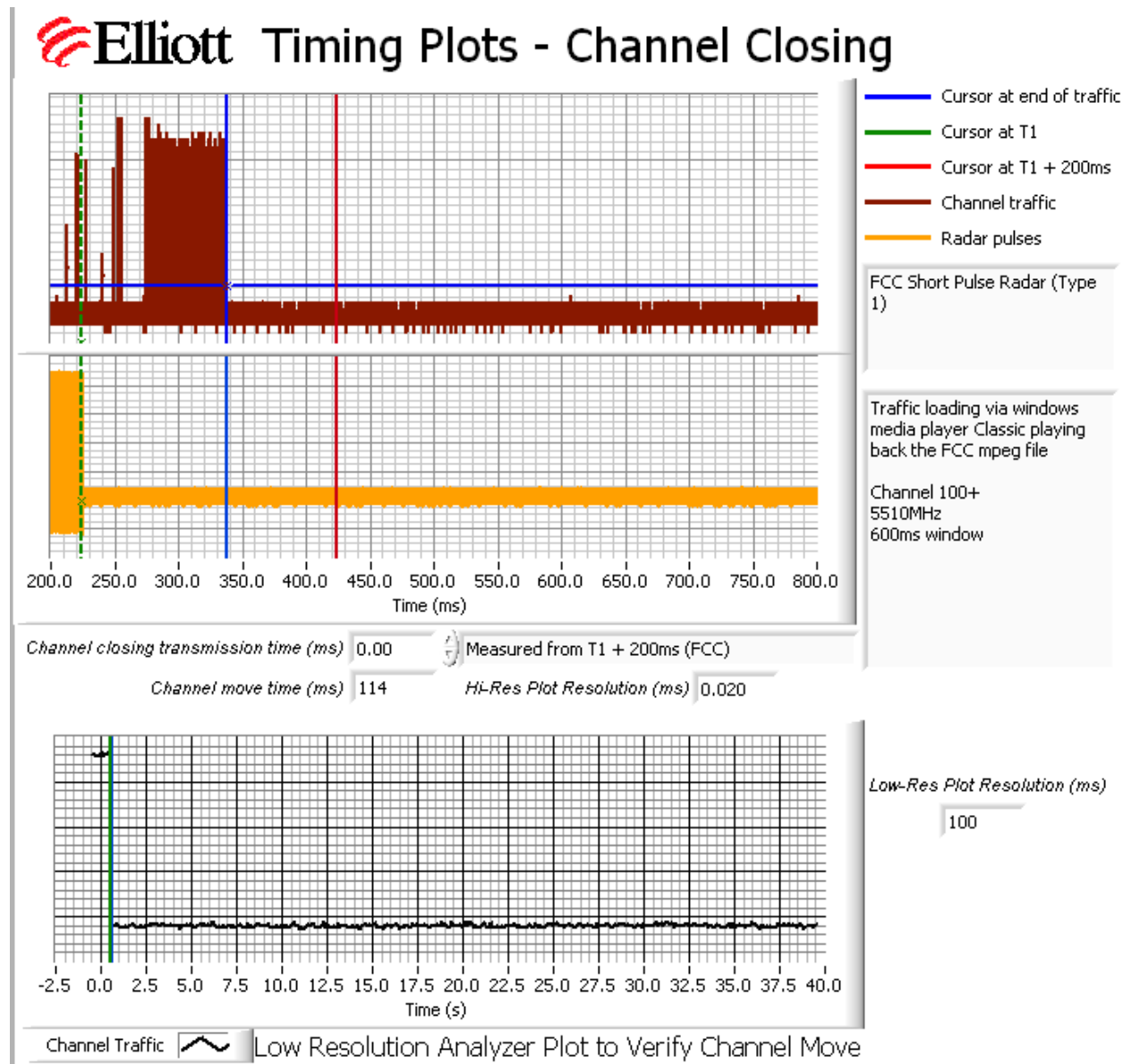


Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Type 1

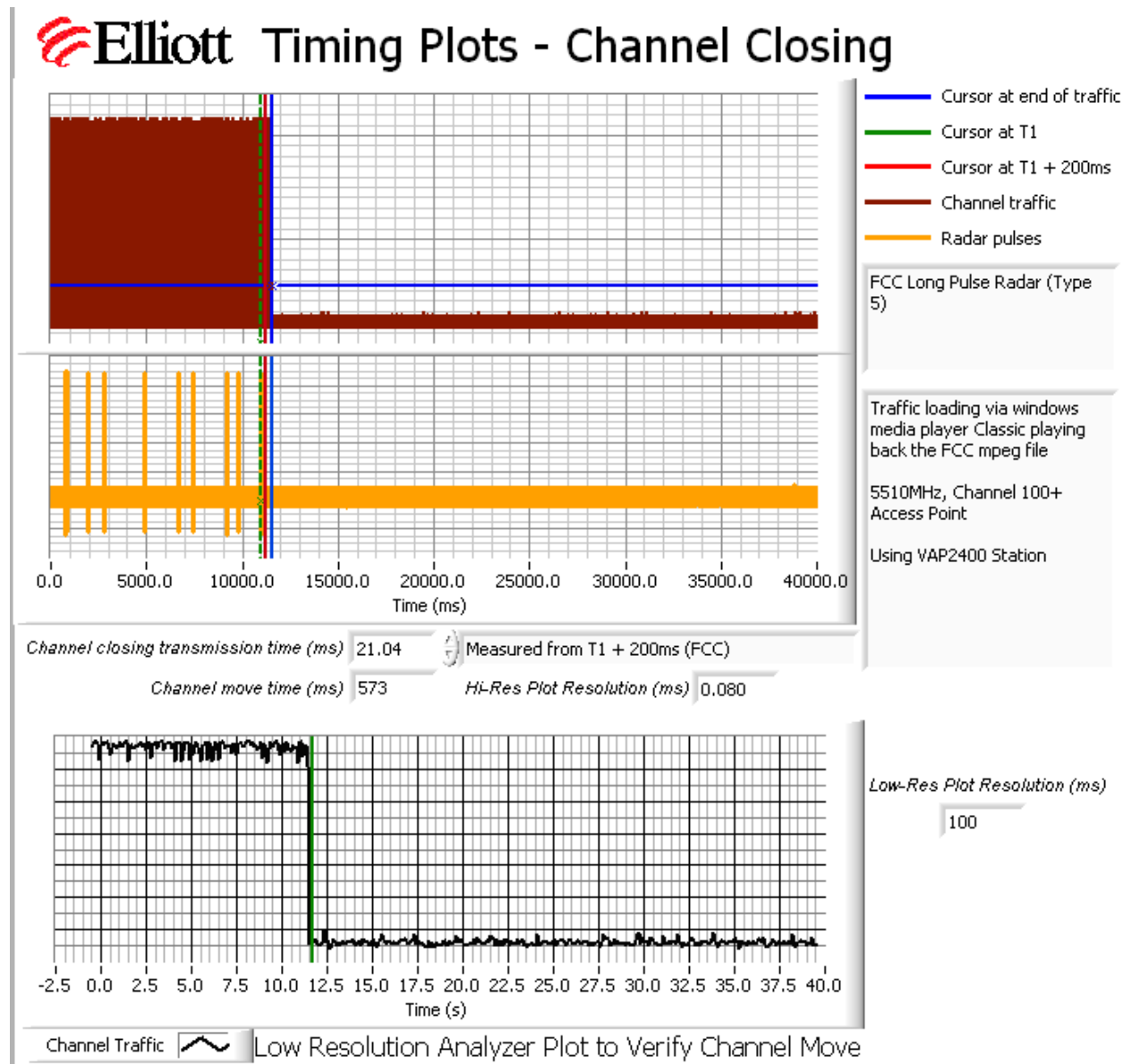


Figure 4 Channel Closing Time and Channel Move Time – 40 second plot, Type 5



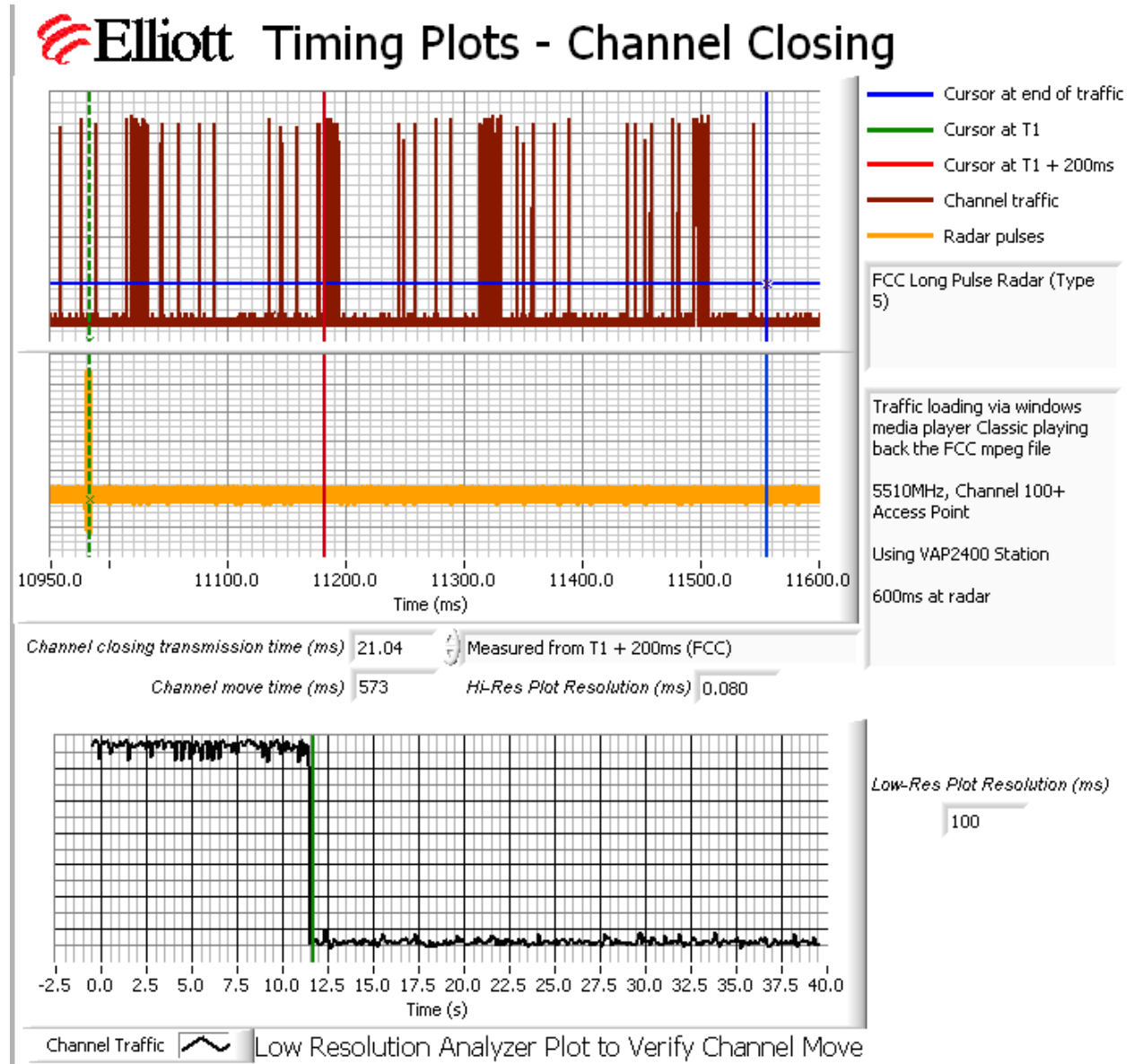
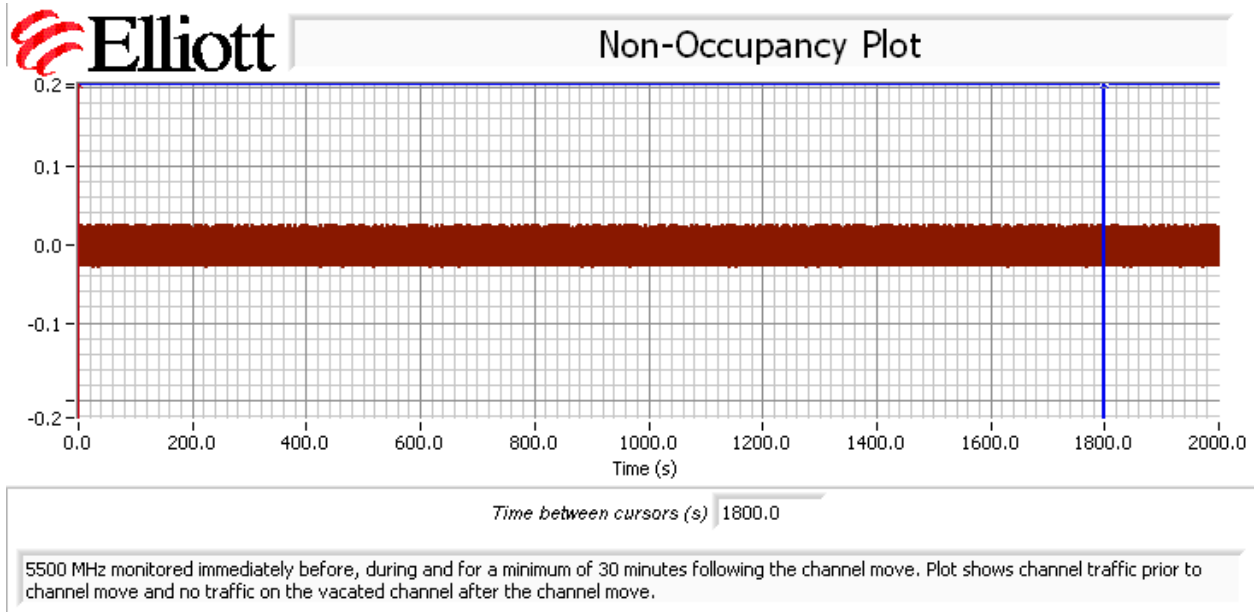


Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Type 5



**Figure 6 Radar Channel Non-Occupancy Plot**

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

After the channel move the client re-associated with the master device on the new channel. After the channel move the client device stopped transmitting.

### Appendix D Test Data – Channel Availability Check

5250- 5350 MHz, 5470 – 5725 MHz

The first plot shows the first transmissions on a channel after rebooting the master device, with no radar applied during the CAC. The start of CAC is assumed to be 70 seconds before the first transmission as indicated by the green cursor line.



## Timing Plots - Channel Availability Check

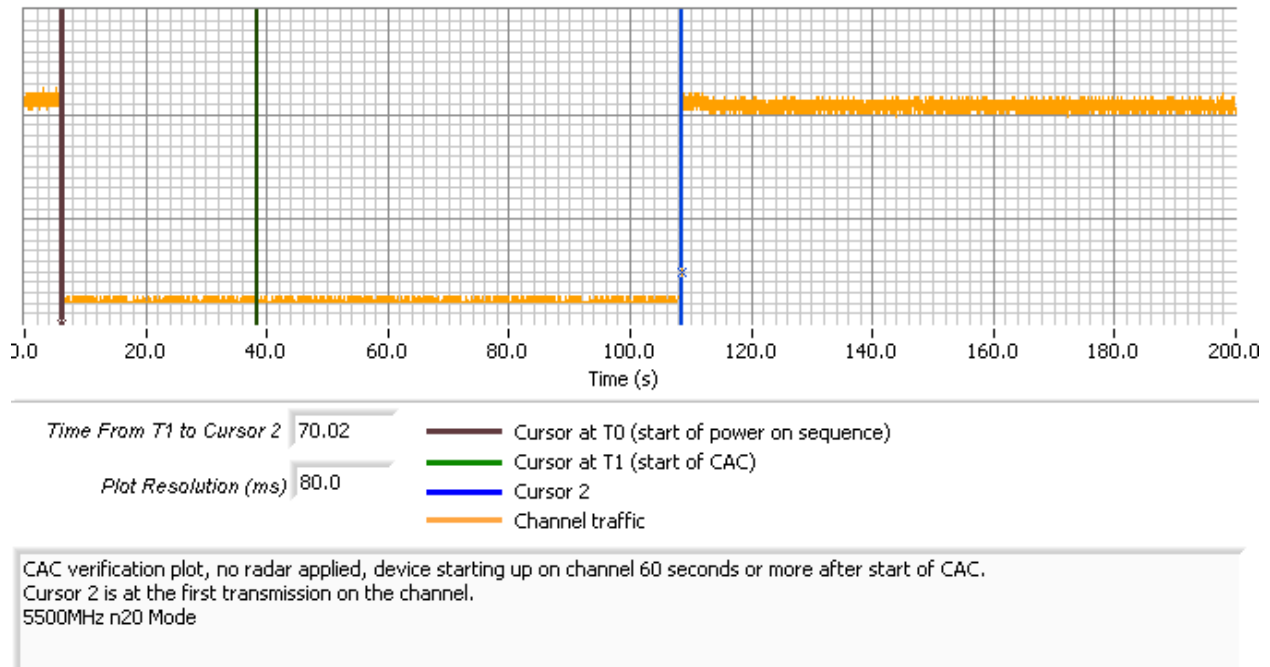
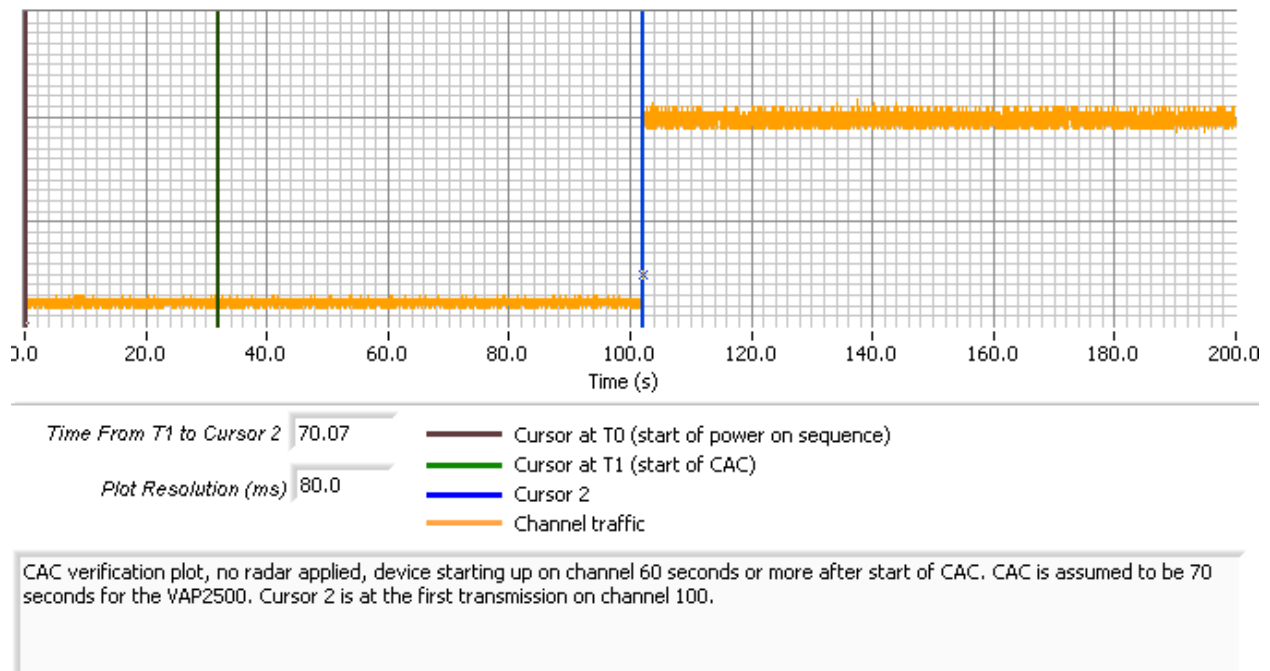


Figure 7 Plot of EUT Start-Up After CAC, n20 mode



## Timing Plots - Channel Availability Check



**Figure 8 Plot of EUT Start-Up After CAC, n40 mode**

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

The level of the radar signal applied was -64dBm. Measurements were made on channel 100 n20 mode (5500 MHz) and also on channel 100 n40 mode (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 70 seconds. The description of “Channel Traffic” in the plot legend indicates the transmissions from both the radar system and the EUT on the start-up channel. In all cases only the radar burst is observed. The resolution of the plot is not fine enough to resolve the individual pulses within the burst.



## Timing Plots - Channel Availability Check

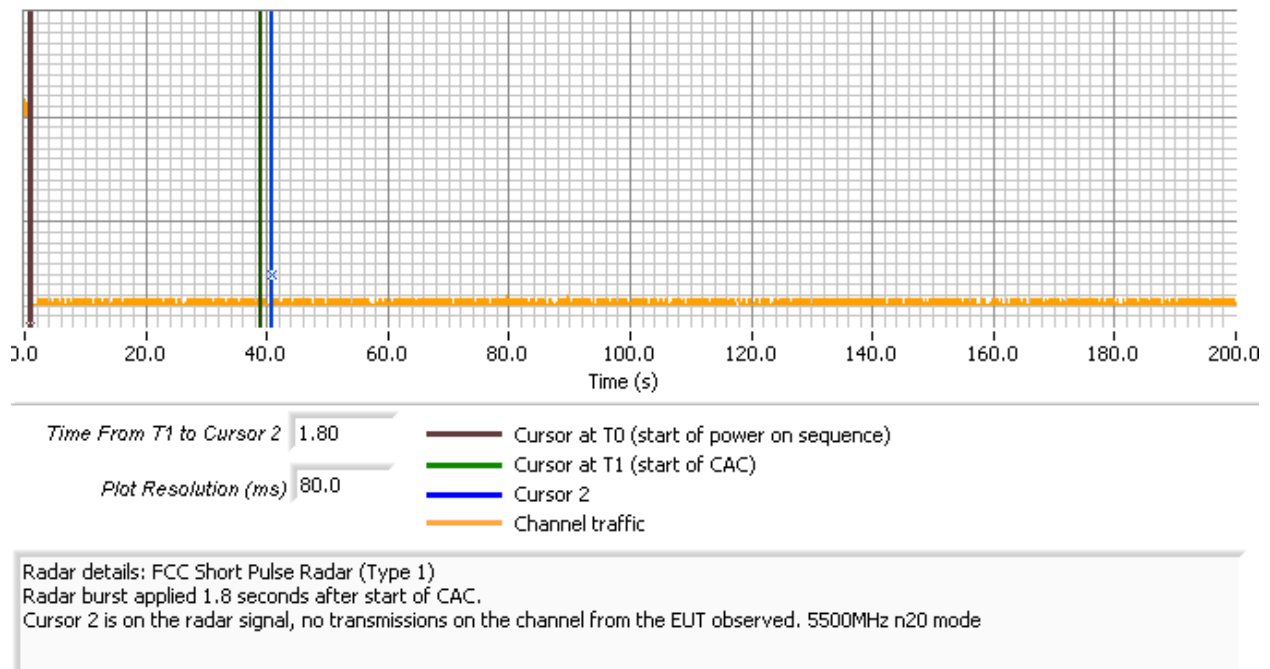


Figure 9 Radar Applied At Start of CAC, n20 mode



## Timing Plots - Channel Availability Check

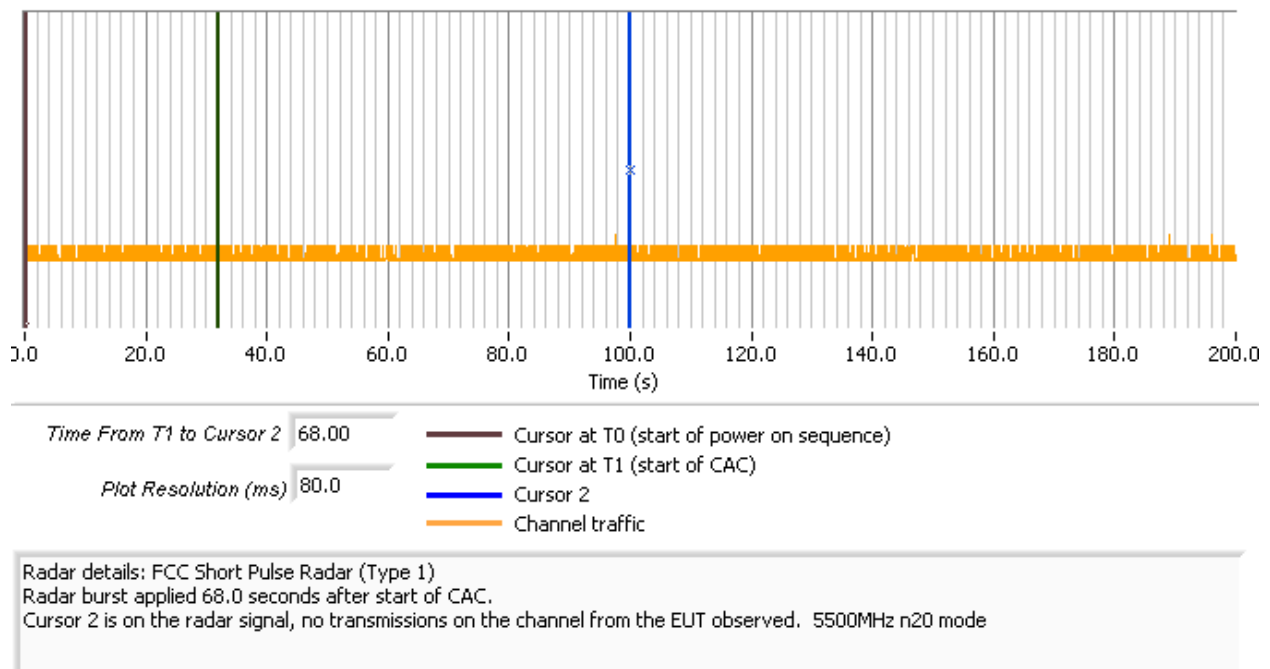


Figure 10 Radar Applied At End of CAC, n20 mode



## Timing Plots - Channel Availability Check

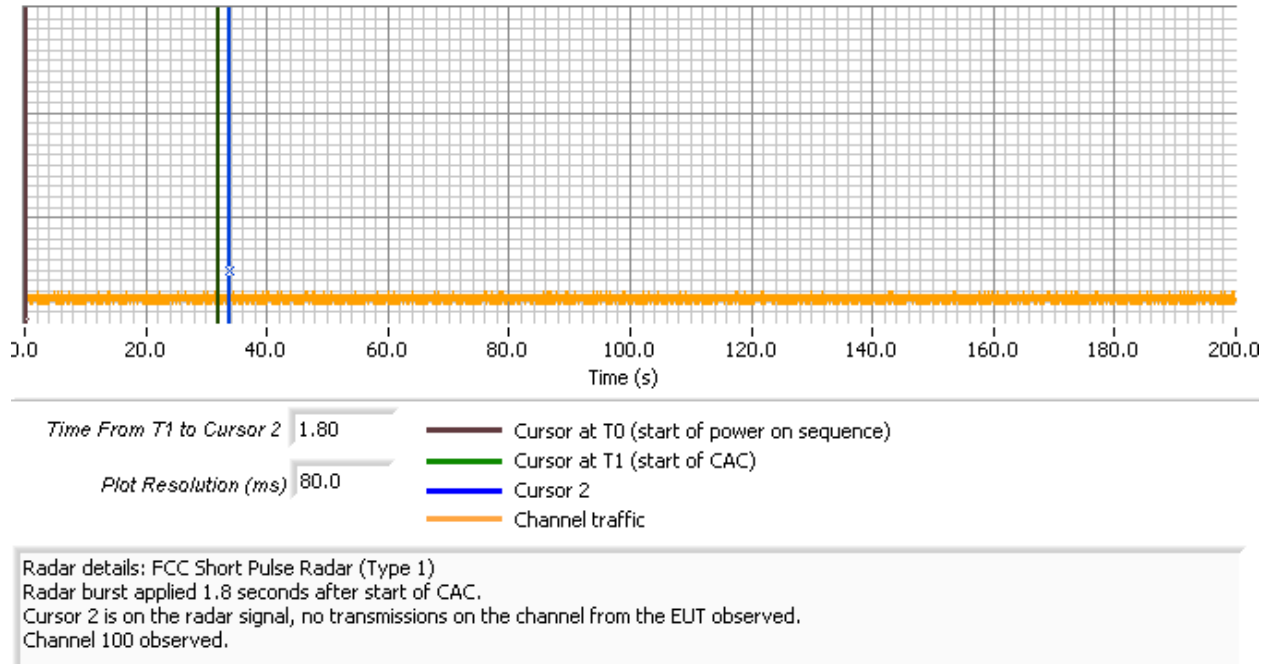


Figure 11 Radar Applied At Start of CAC, n40 mode



## Timing Plots - Channel Availability Check

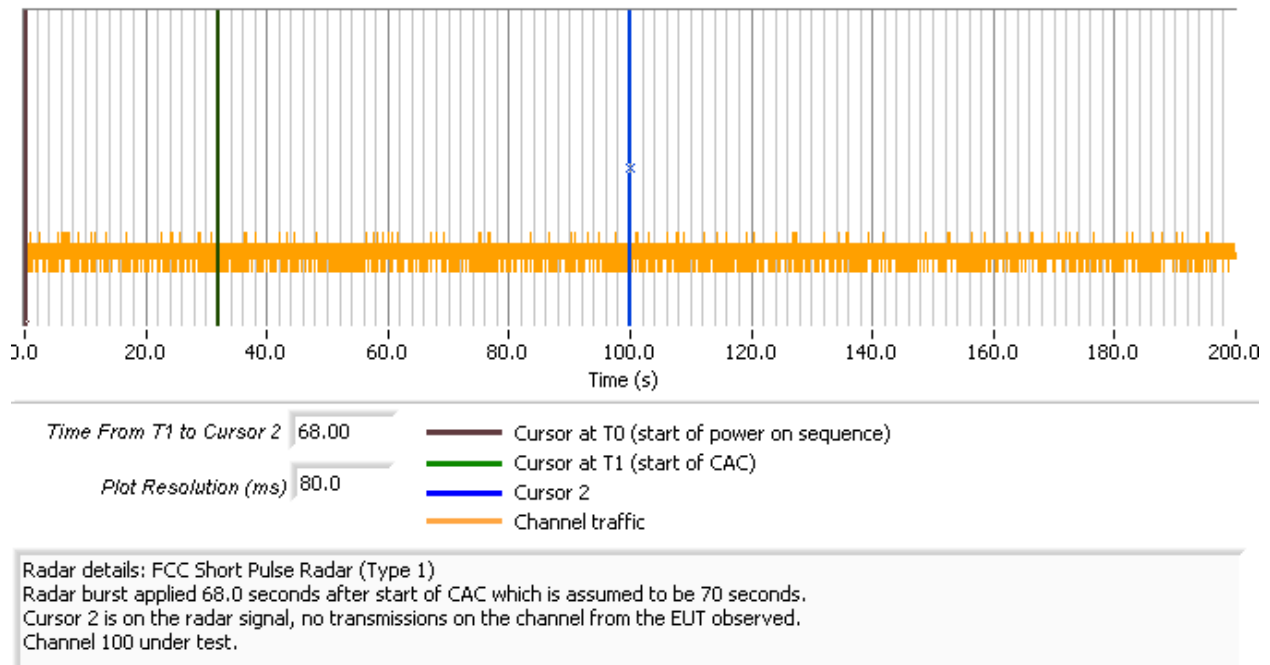


Figure 12 Radar Applied At End of CAC, n40 mode

Appendix E Antenna Specification

Manufacturer: MAG.LAYERS

Part Number: PCA-2108-5G0C1-A1\_V01 or Part Number: PCA-2108-5G0C1-A2\_V01

# RF Antenna Assembly

## Specification

### ELECTRICAL PROPERTIES

- 1.1 Frequency Range..... 5.15~5.85GHz
- 1.2 Impedance..... 50 Ohm Nominal
- 1.3 VSWR..... 2 (Max)
- 1.4 Return Loss..... -10dB (Max)
- 1.5 Radiation..... Omni-directional
- 1.6 Polarization..... Linear
- 1.7 Admitted Power..... 1W
- 1.8 Peak Gain.....2.0 dBi (Antenna Only)

Manufacturer: Airgain

Part Number: Profile520SC

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)*

