

TEST REPORT

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

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

*Motorola Mobility IP Set Top Engineering
Model(s): VAP 2404 Rev. 1.0*

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REPORT DATE: March 29, 2012

FINAL TEST DATE: February 13, 14, 2012

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REVISION HISTORY

Rev #	Date	Comments	Modified By
1.0	03-29-2012	Initial Release	-

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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.
- Industry Canada , RSS-210 Annex 9 Local Area Network Devices.

Tests were performed in accordance with these standards together with the current published versions of the basic standards referenced therein as outlined in Elliott Laboratories test procedures. The test results recorded herein are based on a single type test of the Motorola Mobility IP Set Top Engineering model VAP2404 Rev. 1.0 and therefore apply only to the tested samples. The samples were selected and prepared by Hossein Dehghan of Motorola Mobility IP Set Top Engineering.

OBJECTIVE

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

STATEMENT OF COMPLIANCE

The tested samples of the Motorola Mobility IP Set Top Engineering model VAP2404 Rev. 1.0 complied with the DFS requirements of FCC Part 15.407(h)(2) and RSS-210 Annex A9.3.

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

DEVIATIONS FROM THE STANDARD

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

EQUIPMENT UNDER TEST (EUT) DETAILS**GENERAL**

The Motorola Mobility IP Set Top Engineering model VAP 2404 Rev. 1.0 is either a wireless access point or station depending on the configuration.

The samples were received on February 13, 2012 and tested on February 13, 14, 2012. The following products were tested.

Manufacturer	Model	Description	MAC ID Number
Motorola	VAP2404 Rev. 1.0	Access Point/Station	00:24:A0:AA:97:8 D

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

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

- Master Device 5250-5350 MHz
- Master Device 5470-5725 MHz (excluding 5600-5650 MHz)
- Client Device (no In Service Monitoring, no Ad-Hoc mode)

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	0	0
Highest Antenna Gain (dBi)	4	4
EIRP Output Power (dBm)	23.97	23.97

- Power can exceed 200mW (23dBm EIRP) in Access Point Configuration only.

Channel Protocol

- IP Based
- Frame Based
- OTHER _____

ENCLOSURE

The EUT enclosure measures approximately 15.5 by 6.5 by 13.2 centimeters. It is primarily constructed of uncoated coated plastic.

MODIFICATIONS

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

SUPPORT EQUIPMENT

The following equipment was used as local support equipment for testing the access point:

Manufacturer	Model	Description	Serial Number	FCC ID
<i>Motorola</i>	<i>VAP2400</i>	<i>Station</i>	<i>MAC: 1C:14:48:DA:D9: BF</i>	-
Lenovo	T400	Laptop Computer (Connected to Master)	L3-A2622 08/08	DoC
Lenovo	T400s	Laptop computer (connected to client)	R8-WWEM0 09/10	DoC

The italicized device was the client device.

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

Manufacturer	Model	Description	Serial Number	FCC ID
<i>Motorola</i>	<i>VAP2400</i>	<i>Access Point</i>	<i>MAC: 1C:14:48:DA:D9: BF</i>	-
Lenovo	T400	Laptop Computer (Connected to Master)	L3-A2622 08/08	DoC
Lenovo	T400s	Laptop computer (connected to client)	R8-WWEM0 09/10	DoC

The italicized device was the master device.

EUT INTERFACE PORTS

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

Port	Connected To	Cable(s)		
		Description	Shielded or Unshielded	Length (m)
Ethernet	Remote laptop	CAT5	Shielded	18
Ethernet	Remote laptop	CAT5	Shielded	18

EUT OPERATION

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

Master Device: 00.10.10

Client Device: 00.10.10

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

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

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

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

RADAR WAVEFORMS

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

Table 2 FCC Long Pulse Radar Test Waveforms							
Radar Type	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Pulses / burst	Number of Bursts	Minimum Detection Percentage	Minimum Number of Trials
5	50-100	5-20	1000-2000	1-3	8-20	80%	30

Table 3 FCC Frequency Hopping Radar Test Waveforms							
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses / hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Detection Percentage	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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

Table 4 FCC Part 15 Subpart E Master Device Test Result Summary						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5510MHz	70s	≥ 60s	Appendix D	Pass
CAC Detection Threshold	Type 1	-	-	-64dBm (See note 2)	Appendix D	-
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5510MHz 5500MHz	-64 dBm (note 2)	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection 40MHz Channel	Type 1	Varies	+/-18 MHz	80% of the 99% BW	-	Pass
Bandwidth Detection 20MHz Channel	Type 1	Varies	+/-10 MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	5510 MHz 5540 MHz	0ms 0ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 1 Type 5	5510 MHz 5540 MHz	121ms -464ms	≤ 10s	Appendix C	Pass
Non-occupancy period	-	5510 MHz	>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 0 dBi. The limit is based on an eirp of more than 23 dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.						

TEST RESULTS SUMMARY – FCC Part 15, CLIENT DEVICE

Table 5 FCC Part 15 Subpart E Client Device Test Result Summary						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel closing transmission time	Type 1	5500MHz	0.0ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 1	5500MHz	124ms	≤ 10s	Appendix C	Pass
Non-occupancy period - associated	Type 1	5510MHz	>1800sec	> 30 minutes	Appendix C	Pass
Passive Scanning	N/A	N/A	Refer to manufacturer attestation			
1) Tests were performed using the radiated test method. 2) Channel availability check, detection threshold and non-occupancy period are not applicable to client devices.						

MEASUREMENT UNCERTAINTIES

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

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

DFS TEST METHODS**RADIATED TEST METHOD**

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

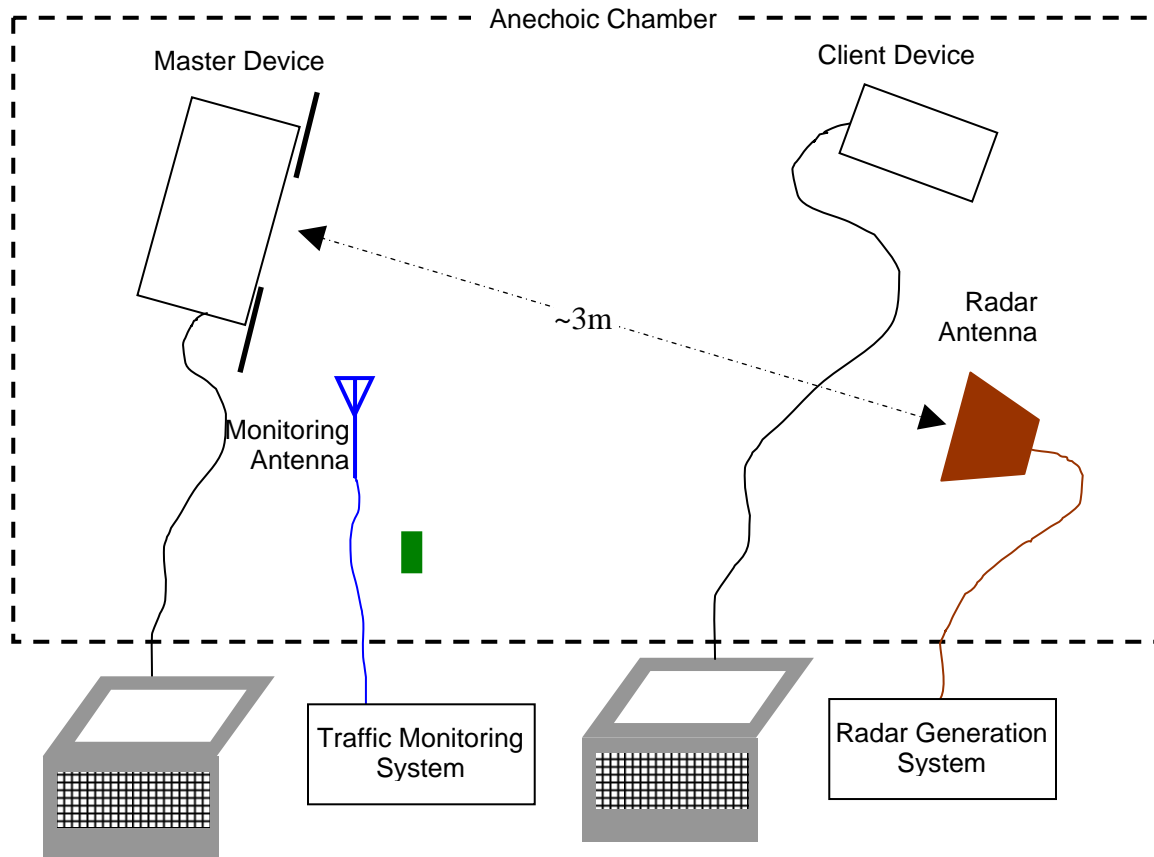


Figure 1 Test Configuration for radiated Measurement Method

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

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

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

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

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

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

An Agilent PSG is used as the radar-generating source. The integral arbitrary waveform generators are programmed using Agilent's "Pulse Building" software and Elliott custom software to produce the required waveforms, with the capability to produce both 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

<u>Manufacturer</u>	<u>Description</u>	<u>Model #</u>	<u>Asset #</u>	<u>Cal Due</u>
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	780	25-Jan-13
EMCO	Antenna, Horn, 1-18GHz	3115	868	08-Jun-12
EMCO	Antenna, Horn, 1-18 GHz	3117	1662	04-May-12
Agilent	PSG Vector Signal Generator (250kHz - 20GHz)	E8267C	1877	30-Mar-12
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	07-Oct-12

Appendix B Test Data Tables for Radar Detection Probability

N40 bandwidth trial data

Table 6 - n40_Detection Bandwidth Measurements (Bandwidth: +18MHz /-18MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	3	3	50
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	10	0	100
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

Table 6 - n40_Detection Bandwidth Measurements (Bandwidth: +18MHz /-18MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5517.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5518.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5519.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5521.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5522.00 MHz	10	0	100
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

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5525.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5526.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5527.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5528.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5529.00 MHz	0	3	0

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)	86.7 %	60.0 %	30	PASSED
Aggregate of above results	96.7 %	80.0 %	120	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	37	PASSED

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 (02/13/2012 09:36:18 AM)
2	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:36:42 AM)
3	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:42:15 AM)
4	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:44:53 AM)
5	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:45:27 AM)
6	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:45:35 AM)
7	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:45:43 AM)
8	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:45:52 AM)
9	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:46:01 AM)
10	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:46:09 AM)

Table 8 - FCC Short Pulse Radar (Type 1) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
11	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:46:16 AM)
12	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:46:27 AM)
13	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:46:37 AM)
14	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:46:45 AM)
15	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:46:53 AM)
16	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:47:02 AM)
17	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:47:14 AM)
18	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:47:46 AM)
19	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:47:56 AM)
20	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:48:06 AM)
21	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:48:14 AM)
22	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:48:23 AM)
23	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:48:30 AM)
24	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:48:38 AM)
25	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:48:47 AM)
26	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:48:55 AM)
27	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:49:09 AM)
28	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:49:22 AM)
29	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:49:38 AM)
30	18	1.0	1428.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:49:46 AM)

Table 9 - FCC Short Pulse Radar (Type 2) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	25	3.6	222.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:50:48 AM)
2	28	2.0	208.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:51:02 AM)
3	24	3.8	207.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:51:26 AM)
4	28	1.0	192.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:51:34 AM)

Table 9 - FCC Short Pulse Radar (Type 2) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
5	29	3.3	187.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:51:41 AM)
6	28	5.0	155.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:51:49 AM)
7	27	1.1	206.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:51:57 AM)
8	26	2.0	173.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:52:05 AM)
9	29	2.5	197.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:52:21 AM)
10	23	1.5	161.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:52:28 AM)
11	25	3.5	174.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:52:38 AM)
12	26	2.5	211.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:52:46 AM)
13	25	2.8	193.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:53:04 AM)
14	27	3.0	185.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:53:47 AM)
15	28	2.7	223.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:54:04 AM)
16	25	4.3	191.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:54:13 AM)
17	26	4.0	166.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:54:21 AM)
18	23	1.2	169.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:54:28 AM)
19	28	4.6	208.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:54:37 AM)
20	25	1.1	178.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:54:47 AM)
21	26	2.4	174.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:54:58 AM)
22	26	4.4	162.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:55:05 AM)
23	27	1.3	191.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:55:14 AM)
24	29	1.3	151.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:55:32 AM)
25	29	1.5	201.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:55:41 AM)
26	28	2.9	179.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:55:48 AM)
27	25	2.1	200.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:56:02 AM)
28	24	4.9	184.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:56:28 AM)
29	25	4.6	158.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:56:36 AM)
30	24	3.8	171.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:56:44 AM)

Table 10 - 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	16	9.1	452.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:57:17 AM)
2	16	7.8	415.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:57:25 AM)
3	17	9.4	309.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:57:33 AM)
4	17	7.6	338.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:57:40 AM)
5	17	6.9	281.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:57:47 AM)
6	16	6.8	397.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:57:54 AM)
7	17	7.7	258.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:58:08 AM)
8	16	7.6	252.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:58:15 AM)
9	17	7.9	400.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:58:22 AM)
10	16	6.6	278.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:58:34 AM)
11	17	9.4	456.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:58:40 AM)
12	17	6.9	347.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:58:48 AM)
13	17	8.4	458.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:58:56 AM)
14	17	8.0	454.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:59:04 AM)
15	17	9.7	260.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:59:12 AM)
16	18	8.0	246.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:59:20 AM)
17	18	6.6	297.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 09:59:31 AM)
18	17	7.5	433.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 09:59:40 AM)
19	17	6.4	253.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 09:59:53 AM)
20	16	7.8	239.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:00:05 AM)
21	17	8.9	459.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:00:14 AM)
22	18	7.9	494.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:00:22 AM)
23	16	7.4	244.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:00:32 AM)
24	17	7.2	258.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:01:22 AM)
25	17	7.7	354.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:01:33 AM)
26	18	6.6	453.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:01:41 AM)
27	16	8.5	412.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:01:49 AM)

Table 10 - FCC Short Pulse Radar (Type 3) Results n40_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	17	10.0	253.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:01:57 AM)
29	17	8.4	412.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:02:04 AM)
30	18	7.5	460.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:02:11 AM)

Table 11 - FCC Short Pulse Radar (Type 4) Results n40_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	13.4	231.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:02:37 AM)
2	16	11.7	367.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:02:45 AM)
3	14	15.1	453.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:02:54 AM)
4	14	14.5	375.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:03:01 AM)
5	13	17.3	486.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:03:08 AM)
6	16	17.1	450.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:03:18 AM)
7	16	13.3	317.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:03:26 AM)
8	13	18.2	355.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:03:37 AM)
9	14	17.1	453.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:03:45 AM)
10	14	11.6	430.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:03:52 AM)
11	13	16.6	497.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:04:01 AM)
12	15	19.5	476.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:04:08 AM)
13	12	17.1	358.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:04:18 AM)
14	13	16.0	447.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:04:25 AM)
15	14	18.0	388.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:04:33 AM)
16	14	17.6	266.0	No	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:04:41 AM)
17	13	14.6	262.0	No	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:04:54 AM)
18	15	16.5	326.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:05:31 AM)
19	16	17.0	471.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:05:50 AM)
20	14	19.2	379.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:06:00 AM)
21	13	16.5	369.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:06:08 AM)

Table 11 - FCC Short Pulse Radar (Type 4) Results n40_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
22	13	18.0	214.0	No	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:06:28 AM)
23	15	14.6	403.0	No	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:06:44 AM)
24	13	13.5	413.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:07:20 AM)
25	13	14.1	454.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:07:33 AM)
26	14	12.3	310.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:07:42 AM)
27	14	15.2	233.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:07:50 AM)
28	16	16.5	241.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 10:07:58 AM)
29	16	13.7	227.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 10:08:09 AM)
30	13	12.1	252.0	Yes	5515.0MHz, -64.0dBm	Single burst (02/13/2012 10:08:58 AM)

Table 12 - 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	5515.0MHz, -64.0dBm
Trial #4	Detected	5510.0MHz, -64.0dBm
Trial #5	Detected	5505.0MHz, -64.0dBm
Trial #6	Detected	5515.0MHz, -64.0dBm
Trial #7	Detected	5510.0MHz, -64.0dBm
Trial #8	Detected	5505.0MHz, -64.0dBm
Trial #9	Detected	5515.0MHz, -64.0dBm
Trial #10	Detected	5510.0MHz, -64.0dBm
Trial #11	Detected	5505.0MHz, -64.0dBm
Trial #12	Detected	5515.0MHz, -64.0dBm
Trial #13	Detected	5510.0MHz, -64.0dBm
Trial #14	Detected	5505.0MHz, -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	5515.0MHz, -64.0dBm
Trial #19	Detected	5510.0MHz, -64.0dBm
Trial #20	Detected	5505.0MHz, -64.0dBm
Trial #21	Detected	5515.0MHz, -64.0dBm
Trial #22	NOT Detected	5510.0MHz, -64.0dBm
Trial #23	Detected	5505.0MHz, -64.0dBm
Trial #24	Detected	5515.0MHz, -64.0dBm
Trial #25	Detected	5510.0MHz, -64.0dBm
Trial #26	Detected	5505.0MHz, -64.0dBm

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #27	Detected	5515.0MHz, -64.0dBm
Trial #28	Detected	5510.0MHz, -64.0dBm
Trial #29	Detected	5505.0MHz, -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 (Sec)
1	1	97.9	7	-	-	1.023915
2	1	97.6	8	-	-	2.348693
3	2	59.1	16	1440.0	-	2.686671
4	1	97.1	20	-	-	4.740634
5	3	55.2	8	1838.0	1972.0	4.898071
6	1	72.3	18	-	-	7.181941
7	1	61.4	6	-	-	7.854234
8	3	79.6	14	1779.0	1791.0	9.093537
9	2	99.8	15	1812.0	-	10.480411
10	2	56.8	5	1588.0	-	11.281199

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	87.4	12	-	-	1.062050
2	2	61.2	14	1290.0	-	2.656168
3	2	58.0	12	1120.0	-	3.383091
4	2	99.5	9	1483.0	-	4.544410
5	3	60.8	9	1751.0	1890.0	6.289953
6	2	68.1	6	1327.0	-	7.051391
7	1	75.5	20	-	-	9.221833
8	2	63.6	11	1680.0	-	9.945949
9	2	76.1	5	1758.0	-	11.544136

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	96.6	20	1908.0	-	0.457994
2	2	88.6	5	1452.0	-	1.257320
3	2	62.3	19	1146.0	-	1.467446
4	2	59.4	20	1616.0	-	2.145861
5	3	59.2	19	1593.0	1909.0	3.141279
6	3	59.0	14	1971.0	1505.0	3.589676
7	3	87.3	14	1316.0	1662.0	4.442691
8	2	97.3	7	1664.0	-	5.429028
9	2	50.2	19	1762.0	-	6.160047
10	2	74.6	6	1910.0	-	6.596427
11	3	82.1	6	1468.0	1368.0	7.214495

Table 15 - n40_ Long Sequence Waveform Trial#3 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
12	1	62.2	20	-	-	7.986449
13	2	87.8	12	1103.0	-	8.642803
14	2	55.7	17	1667.0	-	9.721598
15	2	85.0	11	1208.0	-	9.893246
16	1	51.2	6	-	-	10.672705
17	3	96.9	18	1147.0	1050.0	11.672925

Table 16 - n40_ Long Sequence Waveform Trial#4 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	65.2	16	1206.0	-	0.421905
2	1	78.5	15	-	-	1.432685
3	3	61.2	8	1135.0	1372.0	2.731884
4	3	65.3	17	1602.0	1268.0	3.417445
5	2	94.3	16	1734.0	-	4.799005
6	2	74.5	10	1416.0	-	5.870816
7	1	63.8	19	-	-	6.879552
8	2	53.3	15	1513.0	-	7.731391
9	3	52.6	10	1999.0	1966.0	8.275545
10	1	77.6	11	-	-	9.734954
11	2	88.8	17	1152.0	-	10.454206
12	2	53.9	13	1373.0	-	11.349044

Table 17 - n40_ Long Sequence Waveform Trial#5 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	65.9	16	1040.0	-	0.624154
2	2	96.4	19	1154.0	-	1.531884
3	3	52.8	8	1379.0	1603.0	2.509228
4	3	82.8	7	1537.0	1941.0	3.626496
5	2	52.4	15	1800.0	-	4.384726
6	2	68.9	7	1555.0	-	4.692534
7	2	73.6	13	1460.0	-	5.984328
8	3	74.7	6	1877.0	1669.0	6.467427
9	2	93.4	8	1600.0	-	7.983946
10	1	99.5	18	-	-	8.379564
11	2	63.9	13	1379.0	-	9.994707
12	2	90.5	19	1011.0	-	10.323953
13	2	65.6	10	1918.0	-	11.620163

Table 18 - n40_ 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 (Sec)
1	1	64.2	18	-	-	0.101561
2	3	80.3	6	1253.0	1984.0	2.030548
3	2	79.0	15	1630.0	-	3.402445
4	2	77.7	5	1971.0	-	4.252656
5	2	94.5	7	1251.0	-	6.023430
6	2	58.1	16	1463.0	-	7.503451

Table 18 - n40_ 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 (Sec)
7	2	55.4	9	1488.0	-	8.714306
8	3	79.7	14	1492.0	1649.0	10.330451
9	1	92.9	11	-	-	10.769693

Table 19 - n40_ Long Sequence Waveform Trial#7 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	55.8	17	1063.0	-	0.426434
2	1	99.2	15	-	-	1.276945
3	2	68.3	11	1464.0	-	2.512114
4	1	66.5	9	-	-	3.317771
5	1	82.3	11	-	-	3.816258
6	1	75.7	15	-	-	4.890524
7	2	69.3	7	1816.0	-	5.901930
8	2	66.4	6	1363.0	-	6.742900
9	1	90.7	13	-	-	7.522188
10	2	82.5	11	1729.0	-	8.049273
11	1	51.9	16	-	-	8.743106
12	2	85.8	17	1671.0	-	9.644207
13	2	73.2	17	1867.0	-	10.334924
14	1	55.2	18	-	-	11.943436

Table 20 - n40_ Long Sequence Waveform Trial#8 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	68.5	19	1921.0	-	0.061216
2	1	85.4	9	-	-	0.968311
3	2	73.6	11	1817.0	-	2.454765
4	3	92.5	18	1616.0	1917.0	2.694948
5	2	51.4	11	1473.0	-	4.107434
6	3	59.4	17	1186.0	1393.0	5.057702
7	1	79.0	16	-	-	5.156383
8	3	76.8	16	1337.0	1209.0	6.287974
9	1	78.0	11	-	-	7.705617
10	2	58.6	14	1511.0	-	7.881400
11	1	90.1	10	-	-	8.796991
12	3	85.5	16	1430.0	1097.0	10.040756
13	1	71.4	15	-	-	10.553852
14	2	99.4	11	1809.0	-	11.994474

Table 21 - n40_ Long Sequence Waveform Trial#9 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	80.0	9	1856.0	-	0.217484
2	2	70.9	12	1393.0	-	1.907184
3	1	52.3	16	-	-	3.056309
4	3	92.1	9	1392.0	1808.0	4.392035
5	1	55.7	17	-	-	5.428666
6	2	60.3	12	1353.0	-	7.137140

Table 21 - n40_ Long Sequence Waveform Trial#9 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
7	1	99.1	12	-	-	7.383319
8	1	69.8	5	-	-	9.295723
9	1	55.0	13	-	-	9.965868
10	2	94.8	11	1047.0	-	10.931814

Table 22 - n40_ Long Sequence Waveform Trial#10 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	92.2	12	1086.0	-	1.293800
2	3	68.8	6	1619.0	1190.0	1.568456
3	2	85.4	8	1286.0	-	4.026174
4	2	88.9	9	1142.0	-	5.612417
5	2	93.4	8	1268.0	-	7.148167
6	1	76.0	8	-	-	8.264619
7	3	81.7	14	1600.0	1105.0	10.489117
8	1	88.6	8	-	-	11.470878

Table 23 - n40_ Long Sequence Waveform Trial#11 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	92.4	5	1509.0	-	0.022216
2	1	62.5	18	-	-	1.366591
3	3	62.4	9	1597.0	1362.0	2.357113
4	2	63.9	15	1935.0	-	3.077381
5	3	61.5	18	1436.0	1993.0	3.805835
6	1	71.3	19	-	-	4.450837
7	2	57.9	11	1780.0	-	5.586960
8	2	69.5	11	1173.0	-	6.172804
9	2	99.1	11	1830.0	-	7.368574
10	3	80.6	11	1499.0	1480.0	8.532984
11	2	54.0	5	1371.0	-	8.662015
12	1	71.4	7	-	-	9.828005
13	1	97.7	17	-	-	11.054257
14	3	91.4	16	1836.0	1519.0	11.739371

Table 24 - n40_ Long Sequence Waveform Trial#12 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	67.7	11	1148.0	-	0.283227
2	2	75.6	15	1898.0	-	0.900652
3	2	65.8	14	1343.0	-	1.484035
4	3	62.8	19	1390.0	1331.0	2.353486
5	3	82.5	10	1718.0	1878.0	3.432460
6	2	95.6	17	1588.0	-	4.214592
7	3	61.2	8	1493.0	1647.0	4.294914
8	2	55.8	19	1187.0	-	5.636830
9	2	87.5	7	1577.0	-	5.688281
10	1	86.7	16	-	-	6.502317
11	2	79.2	18	1473.0	-	7.470749

Table 24 - n40_ Long Sequence Waveform Trial#12 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
12	2	84.8	17	1595.0	-	8.431122
13	1	72.4	8	-	-	8.850144
14	3	77.0	7	1392.0	1133.0	9.502577
15	2	60.5	18	1728.0	-	10.315052
16	2	86.3	13	1180.0	-	10.642635
17	2	73.4	18	1613.0	-	11.604103

Table 25 - n40_ Long Sequence Waveform Trial#13 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	92.4	17	-	-	0.434778
2	1	96.5	17	-	-	1.326299
3	3	90.6	19	1626.0	1041.0	1.700310
4	1	64.9	5	-	-	2.496703
5	2	97.7	20	1510.0	-	3.038736
6	2	58.3	15	1069.0	-	4.258199
7	1	94.4	18	-	-	4.795531
8	2	52.1	11	1442.0	-	5.445068
9	1	87.6	12	-	-	6.272353
10	3	54.3	13	1977.0	1570.0	7.216287
11	2	86.9	10	1015.0	-	8.202520
12	2	65.0	15	1260.0	-	8.401726
13	2	54.0	13	1460.0	-	9.006321
14	3	63.9	13	1208.0	1367.0	9.963104
15	2	93.8	9	1650.0	-	10.885427
16	1	62.2	11	-	-	11.567619

Table 26 - n40_ Long Sequence Waveform Trial#14 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	72.9	16	-	-	0.159623
2	2	61.6	14	1820.0	-	0.806694
3	1	68.0	11	-	-	1.923702
4	2	85.0	14	1006.0	-	2.029099
5	2	94.1	16	1700.0	-	3.079604
6	3	84.5	11	1650.0	1404.0	3.839102
7	3	71.8	6	1227.0	1928.0	4.098795
8	3	74.8	19	1110.0	1822.0	4.783347
9	1	94.8	18	-	-	5.902406
10	2	89.3	10	1494.0	-	6.570604
11	2	71.6	15	1800.0	-	6.672536
12	2	60.9	8	1586.0	-	7.354952
13	2	96.5	13	1313.0	-	8.440107
14	2	95.8	14	1079.0	-	9.132269
15	3	89.0	15	1761.0	1680.0	9.877632
16	1	72.4	8	-	-	10.386238
17	1	91.8	14	-	-	10.680121
18	2	62.4	15	1759.0	-	11.542437

Table 27 - n40_ Long Sequence Waveform Trial#15 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	3	58.5	13	1726.0	1138.0	0.496139
2	1	87.9	8	-	-	1.117449
3	3	80.5	16	1077.0	1489.0	2.337004
4	1	82.4	7	-	-	4.002382
5	3	69.4	16	1934.0	1545.0	4.684342
6	2	69.3	17	1552.0	-	5.975627
7	1	96.3	9	-	-	7.120306
8	2	99.5	18	1885.0	-	8.585984
9	3	70.4	14	1274.0	1354.0	9.554301
10	2	89.8	14	1208.0	-	10.044441
11	1	73.0	11	-	-	11.507629

Table 28 - n40_ Long Sequence Waveform Trial#16 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	3	80.9	17	1392.0	1414.0	0.006540
2	2	94.7	7	1063.0	-	1.080932
3	2	89.4	12	1604.0	-	1.501775
4	2	65.4	13	1465.0	-	2.468848
5	3	67.6	19	1463.0	1269.0	3.055370
6	1	58.4	12	-	-	4.235495
7	3	65.3	7	1707.0	1474.0	4.523419
8	2	72.1	8	1127.0	-	5.841582
9	3	57.8	15	1907.0	1905.0	6.652079
10	1	73.4	6	-	-	7.116147
11	2	71.1	14	1912.0	-	7.817758
12	1	68.8	16	-	-	8.288651
13	2	80.4	6	1022.0	-	9.556906
14	3	67.3	17	1342.0	1020.0	10.104842
15	1	55.2	7	-	-	10.970972
16	2	53.5	8	1678.0	-	11.469224

Table 29 - n40_ Long Sequence Waveform Trial#17 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	70.3	11	-	-	0.976942
2	1	89.2	18	-	-	1.825972
3	2	84.9	12	1583.0	-	3.332614
4	2	56.6	17	1499.0	-	4.584086
5	1	79.6	8	-	-	5.595220
6	1	73.9	11	-	-	7.250534
7	1	51.0	12	-	-	8.472452
8	2	69.4	11	1627.0	-	9.339032
9	3	75.0	11	1278.0	1740.0	11.863695

Table 30 - n40_ Long Sequence Waveform Trial#18 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	55.4	11	1826.0	-	0.321103

Table 30 - n40_ Long Sequence Waveform Trial#18 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
2	2	91.6	19	1787.0	-	1.349041
3	2	68.2	16	1238.0	-	1.699622
4	2	63.4	6	1324.0	-	2.646045
5	1	89.2	17	-	-	3.515618
6	3	73.2	14	1709.0	1380.0	3.949845
7	2	98.8	10	1068.0	-	4.608154
8	2	83.9	9	1331.0	-	5.582957
9	3	95.3	17	1807.0	1893.0	6.349653
10	2	63.7	12	1028.0	-	7.444192
11	2	76.0	18	1356.0	-	8.206211
12	3	66.5	9	1098.0	1793.0	8.736939
13	3	80.5	10	1144.0	1085.0	9.266584
14	2	78.8	14	1672.0	-	10.222763
15	2	51.3	16	1670.0	-	11.145972
16	2	99.2	19	1892.0	-	11.976642

Table 31 - n40_ Long Sequence Waveform Trial#19 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	58.5	15	-	-	0.394219
2	2	74.7	18	1252.0	-	1.105221
3	3	69.2	10	1001.0	1560.0	1.903524
4	2	89.7	12	1795.0	-	2.587551
5	2	80.9	15	1540.0	-	3.333795
6	2	74.5	15	1419.0	-	3.966872
7	2	97.9	12	1803.0	-	4.433287
8	1	80.0	14	-	-	5.613511
9	3	71.5	17	1749.0	1299.0	5.924472
10	3	67.6	7	1322.0	1809.0	6.374610
11	2	66.8	8	1495.0	-	7.502475
12	2	79.1	8	1067.0	-	7.887026
13	1	97.4	10	-	-	8.711922
14	1	75.6	7	-	-	9.825505
15	1	72.9	13	-	-	10.418739
16	3	87.5	15	1817.0	1363.0	10.848523
17	1	62.7	7	-	-	11.686333

Table 32 - 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 (Sec)
1	2	75.6	12	1399.0	-	0.536866
2	2	95.1	7	1827.0	-	1.227737
3	2	89.6	15	1885.0	-	1.438453
4	2	70.9	12	1164.0	-	2.317952
5	2	67.2	19	1496.0	-	2.738284
6	2	72.1	13	1060.0	-	3.980729
7	2	91.3	13	1125.0	-	4.354838
8	1	92.3	15	-	-	4.794334
9	2	79.7	18	1503.0	-	5.426256
10	1	92.9	16	-	-	6.391084

Table 32 - 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 (Sec)
11	2	54.2	17	1085.0	-	7.252485
12	2	50.6	9	1796.0	-	7.518074
13	1	75.5	15	-	-	8.150217
14	3	60.9	5	1530.0	1422.0	9.214205
15	3	95.2	14	1189.0	1603.0	9.349446
16	1	82.7	6	-	-	10.614372
17	2	64.7	12	1233.0	-	10.786690
18	2	96.1	18	1406.0	-	11.677334

Table 33 - 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 (Sec)
1	2	73.0	11	1124.0	-	0.965801
2	1	83.1	12	-	-	1.502516
3	2	76.5	15	1530.0	-	3.130989
4	2	65.7	14	1750.0	-	4.708360
5	2	83.7	7	1063.0	-	6.181860
6	2	58.2	6	1228.0	-	7.649623
7	1	58.6	13	-	-	8.064773
8	2	77.0	7	1392.0	-	10.190782
9	3	85.4	20	1347.0	1839.0	10.953418

Table 34 - n40_ Long Sequence Waveform Trial#22 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	89.3	10	1654.0	-	0.192716
2	2	67.0	8	1039.0	-	1.358020
3	3	55.5	10	1321.0	1666.0	2.865844
4	2	60.4	8	1255.0	-	3.187949
5	2	75.1	12	1983.0	-	4.593754
6	2	95.7	10	1089.0	-	5.776846
7	2	77.0	15	1181.0	-	6.492787
8	1	74.8	19	-	-	7.268468
9	1	69.5	5	-	-	8.664348
10	2	85.6	9	1151.0	-	9.032305
11	1	77.7	11	-	-	10.537649
12	2	77.7	7	1286.0	-	11.426381

Table 35 - n40_ Long Sequence Waveform Trial#23 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	69.4	16	-	-	0.387420
2	2	99.8	11	1976.0	-	0.911826
3	2	96.7	8	1882.0	-	1.381407
4	1	87.5	7	-	-	2.431861
5	2	51.1	6	1877.0	-	2.808936
6	2	67.9	19	1227.0	-	3.844041
7	2	87.6	11	1271.0	-	4.559070
8	3	91.5	12	1653.0	1422.0	4.799479

Table 35 - n40_ Long Sequence Waveform Trial#23 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
9	2	54.2	12	1585.0	-	5.769844
10	2	79.2	19	1972.0	-	6.534825
11	2	65.1	11	1843.0	-	6.873705
12	3	59.7	19	1133.0	1316.0	7.417076
13	2	76.0	12	1056.0	-	8.503762
14	1	74.2	7	-	-	9.260945
15	3	98.7	12	1598.0	1648.0	9.904902
16	1	60.2	11	-	-	10.616523
17	2	69.5	20	1398.0	-	11.000283
18	2	50.1	11	1356.0	-	11.661859

Table 36 - n40_ Long Sequence Waveform Trial#24 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	84.8	10	1120.0	-	0.473857
2	1	65.8	9	-	-	1.076732
3	2	61.3	8	1854.0	-	1.684045
4	3	97.6	7	1341.0	1328.0	2.855727
5	1	77.3	11	-	-	3.259742
6	1	87.7	8	-	-	4.099506
7	2	53.9	20	1931.0	-	5.056123
8	1	69.9	17	-	-	5.571158
9	2	63.1	10	1593.0	-	6.440010
10	2	95.0	17	1355.0	-	7.272840
11	2	55.4	18	1331.0	-	7.664326
12	3	79.0	10	1350.0	1501.0	8.669951
13	2	68.5	18	1796.0	-	9.318366
14	2	76.2	16	1787.0	-	10.295338
15	2	50.7	8	1642.0	-	10.992529
16	2	92.3	16	1970.0	-	11.623100

Table 37 - n40_ Long Sequence Waveform Trial#25 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	61.4	17	1078.0	-	0.335831
2	2	84.3	18	1126.0	-	1.737666
3	1	64.7	14	-	-	2.831476
4	2	50.9	13	1672.0	-	5.295036
5	2	56.7	11	1435.0	-	6.218861
6	1	73.7	11	-	-	7.123261
7	2	56.0	12	1556.0	-	9.250248
8	1	93.3	10	-	-	10.258867
9	2	75.9	6	1871.0	-	11.125069

Table 38 - n40_ Long Sequence Waveform Trial#26 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	64.2	19	-	-	0.120048
2	2	67.5	15	1366.0	-	1.581680

Table 38 - n40_ Long Sequence Waveform Trial#26 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
3	1	75.9	11	-	-	1.689574
4	3	79.8	16	1339.0	1421.0	2.960499
5	2	78.1	13	1410.0	-	3.287290
6	3	98.2	19	1113.0	1751.0	4.768605
7	2	71.6	5	1016.0	-	5.322459
8	2	52.9	5	1540.0	-	6.356521
9	1	84.3	19	-	-	6.761120
10	2	94.0	16	1369.0	-	7.832534
11	2	63.3	9	1543.0	-	8.581883
12	3	50.5	19	1544.0	1364.0	9.107081
13	2	61.8	10	1886.0	-	9.790332
14	3	85.7	19	1815.0	1487.0	10.455217
15	3	65.7	12	1879.0	1704.0	11.296316

Table 39 - n40_ Long Sequence Waveform Trial#27 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	3	88.0	8	1769.0	1342.0	0.786738
2	2	83.6	18	1950.0	-	1.712837
3	2	75.2	19	1174.0	-	2.110137
4	2	72.5	14	1798.0	-	3.598994
5	3	93.4	7	1211.0	1501.0	4.563817
6	1	66.3	14	-	-	4.820386
7	2	95.7	17	1939.0	-	6.425599
8	3	62.8	18	1990.0	1328.0	6.528260
9	1	89.5	18	-	-	8.132837
10	3	64.9	6	1070.0	1045.0	8.464994
11	2	54.6	19	1740.0	-	9.770610
12	3	69.5	10	1626.0	1082.0	10.299499
13	3	84.6	10	1666.0	1212.0	11.366582

Table 40 - n40_ Long Sequence Waveform Trial#28 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	3	80.7	9	1976.0	1278.0	1.051473
2	1	99.3	8	-	-	1.484692
3	2	98.7	15	1859.0	-	2.701652
4	3	91.5	18	1476.0	1862.0	3.971287
5	3	92.2	13	1972.0	1893.0	5.555304
6	3	83.1	17	1134.0	1390.0	7.017060
7	1	56.2	18	-	-	7.254384
8	2	72.6	20	1655.0	-	9.215311
9	2	59.1	6	1354.0	-	10.029408
10	2	73.2	14	1688.0	-	11.056367

Table 41 - n40_ Long Sequence Waveform Trial#29 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	61.3	16	-	-	0.031879

Table 41 - n40_ Long Sequence Waveform Trial#29 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
2	3	64.4	7	1212.0	1864.0	0.807517
3	2	52.8	6	1080.0	-	1.652113
4	2	81.3	15	1018.0	-	2.405538
5	2	76.2	8	1064.0	-	2.864930
6	3	59.2	11	1643.0	1156.0	3.556069
7	3	73.8	5	1921.0	1170.0	4.083183
8	1	53.0	7	-	-	4.606996
9	2	84.8	9	1509.0	-	5.191998
10	3	88.8	7	1512.0	1467.0	5.827198
11	2	93.2	19	1945.0	-	6.684524
12	2	95.2	15	1872.0	-	7.162948
13	2	88.6	9	1442.0	-	8.084483
14	2	54.0	13	1577.0	-	8.750593
15	2	88.8	5	1397.0	-	9.063641
16	1	58.0	19	-	-	9.954444
17	1	70.3	11	-	-	10.418664
18	1	53.6	9	-	-	11.036456
19	2	92.4	5	1664.0	-	11.720413

Table 42 - n40_ Long Sequence Waveform Trial#30 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	98.5	17	-	-	0.312270
2	2	72.8	6	1151.0	-	1.792444
3	2	86.0	12	1035.0	-	2.807122
4	3	80.6	15	1025.0	1487.0	3.807217
5	1	81.6	18	-	-	4.481348
6	2	74.1	20	1219.0	-	5.702416
7	3	72.3	19	1321.0	1003.0	6.300120
8	1	53.9	12	-	-	7.315499
9	3	67.2	11	1273.0	1203.0	8.246189
10	2	93.9	6	1783.0	-	9.288926
11	1	74.3	12	-	-	10.589158
12	2	97.2	13	1965.0	-	11.477196

Table 43 - 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	5527.0MHz, -64.0dBm	Hop sequence: 5409, 5482, 5316, 5504, 5405, 5547, 5431, 5282, 5463, 5650, 5414, 5548, 5639, 5479, 5387, 5538, 5364, 5260, 5509, 5267, 5544, 5379, 5556, 5527, 5356, 5462, 5708, 5299, 5466, 5629, 5712, 5307, 5619, 5294, 5546, 5545, 5324, 5659, 5458, 5439, 5306, 5571, 5359, 5540, 5664, 5393, 5362, 5500, 5611, 5501, 5287, 5367, 5677, 5586, 5480, 5589, 5684, 5304, 5647, 5446, 5328, 5525, 5499, 5348, 5539, 5508, 5555, 5392, 5435, 5250, 5634, 5637, 5710, 5655, 5587, 5609, 5604, 5421, 5577, 5561, 5492, 5428, 5426, 5283, 5705, 5541, 5464, 5354, 5676, 5597, 5309, 5408, 5374, 5273, 5415, 5603, 5558, 5641, 5301, 5432 (9 hits) (02/13/2012 11:51:41 AM)
2	9	1.0	333.0	Yes	5528.0MHz, -64.0dBm	Hop sequence: 5259, 5335, 5600, 5392, 5543, 5284, 5674, 5578, 5361, 5264, 5669, 5296, 5450, 5391, 5422, 5658, 5262, 5411, 5611, 5261, 5655, 5462, 5313, 5406, 5666, 5586, 5572, 5546, 5672, 5556, 5276, 5562, 5375, 5679, 5337, 5365, 5456, 5430, 5683, 5274, 5328, 5363, 5271, 5281, 5626, 5362, 5414, 5610, 5664, 5377, 5421, 5622, 5551, 5698, 5446, 5602, 5593, 5331, 5498, 5520, 5486, 5310, 5410, 5649, 5344, 5311, 5302, 5509, 5652, 5722, 5255, 5319, 5270, 5573, 5403, 5418, 5487, 5718, 5308, 5710, 5604, 5349, 5535, 5369, 5425, 5476, 5390, 5566, 5397, 5707, 5457, 5656, 5548, 5288, 5394, 5250, 5504, 5300, 5277, 5287 (4 hits) (02/13/2012 11:51:51 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
3	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5686, 5362, 5502, 5308, 5316, 5386, 5635, 5672, 5298, 5419, 5449, 5498, 5640, 5324, 5552, 5341, 5716, 5549, 5393, 5283, 5342, 5668, 5667, 5370, 5689, 5610, 5704, 5291, 5548, 5660, 5665, 5441, 5566, 5682, 5401, 5408, 5395, 5444, 5267, 5290, 5338, 5512, 5655, 5694, 5513, 5489, 5257, 5714, 5365, 5627, 5463, 5333, 5580, 5646, 5383, 5598, 5710, 5330, 5398, 5649, 5425, 5340, 5464, 5528, 5334, 5371, 5284, 5631, 5423, 5615, 5560, 5357, 5465, 5322, 5724, 5505, 5593, 5312, 5608, 5262, 5264, 5352, 5426, 5391, 5709, 5251, 5396, 5479, 5346, 5254, 5472, 5332, 5271, 5601, 5663, 5304, 5389, 5523, 5295, 5272 (7 hits) (02/13/2012 11:52:01 AM)
4	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5595, 5713, 5606, 5651, 5638, 5489, 5539, 5717, 5287, 5716, 5274, 5574, 5477, 5600, 5475, 5373, 5440, 5464, 5569, 5701, 5699, 5256, 5347, 5485, 5556, 5459, 5487, 5572, 5380, 5663, 5597, 5490, 5341, 5390, 5540, 5282, 5700, 5355, 5664, 5473, 5508, 5260, 5288, 5352, 5406, 5407, 5703, 5254, 5374, 5392, 5313, 5378, 5357, 5654, 5422, 5411, 5581, 5685, 5627, 5293, 5510, 5537, 5472, 5657, 5519, 5383, 5481, 5570, 5659, 5434, 5298, 5306, 5258, 5302, 5702, 5598, 5399, 5460, 5393, 5557, 5611, 5580, 5304, 5365, 5262, 5367, 5691, 5343, 5332, 5443, 5272, 5296, 5265, 5299, 5695, 5253, 5665, 5587, 5656, 5673 (3 hits) (02/13/2012 11:52:08 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
5	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5390, 5357, 5672, 5595, 5706, 5530, 5525, 5724, 5342, 5325, 5379, 5362, 5280, 5694, 5300, 5520, 5402, 5303, 5549, 5658, 5542, 5538, 5534, 5297, 5518, 5331, 5691, 5623, 5573, 5636, 5455, 5603, 5479, 5393, 5653, 5637, 5298, 5427, 5312, 5460, 5717, 5497, 5569, 5469, 5487, 5283, 5543, 5560, 5600, 5293, 5669, 5643, 5593, 5611, 5443, 5504, 5521, 5555, 5438, 5329, 5563, 5276, 5721, 5641, 5307, 5441, 5539, 5318, 5570, 5468, 5452, 5265, 5619, 5677, 5458, 5711, 5580, 5657, 5678, 5540, 5697, 5541, 5474, 5524, 5470, 5548, 5333, 5663, 5412, 5667, 5556, 5646, 5263, 5328, 5432, 5679, 5581, 5411, 5676, 5640 (7 hits) (02/13/2012 11:52:17 AM)
6	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5681, 5288, 5573, 5609, 5439, 5319, 5396, 5590, 5481, 5387, 5614, 5613, 5472, 5415, 5413, 5271, 5611, 5617, 5468, 5513, 5322, 5438, 5300, 5545, 5694, 5665, 5392, 5696, 5452, 5440, 5561, 5279, 5605, 5589, 5346, 5398, 5360, 5333, 5595, 5646, 5656, 5620, 5599, 5677, 5486, 5377, 5363, 5284, 5619, 5585, 5612, 5704, 5276, 5262, 5673, 5532, 5702, 5323, 5660, 5381, 5459, 5707, 5317, 5303, 5647, 5401, 5720, 5577, 5682, 5471, 5567, 5410, 5351, 5551, 5548, 5336, 5686, 5708, 5314, 5627, 5296, 5425, 5293, 5568, 5598, 5404, 5529, 5543, 5701, 5709, 5391, 5354, 5374, 5550, 5318, 5534, 5514, 5458, 5484, 5547 (2 hits) (02/13/2012 11:52:24 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
7	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5685, 5277, 5593, 5320, 5544, 5582, 5349, 5674, 5410, 5275, 5567, 5438, 5314, 5333, 5581, 5343, 5510, 5564, 5711, 5691, 5616, 5678, 5394, 5489, 5560, 5378, 5466, 5483, 5315, 5708, 5417, 5324, 5701, 5570, 5437, 5663, 5371, 5455, 5412, 5573, 5559, 5528, 5702, 5304, 5563, 5488, 5476, 5338, 5484, 5527, 5397, 5411, 5323, 5694, 5687, 5543, 5298, 5651, 5293, 5661, 5402, 5632, 5724, 5425, 5692, 5463, 5705, 5391, 5414, 5271, 5273, 5719, 5717, 5441, 5477, 5348, 5264, 5289, 5443, 5508, 5646, 5297, 5562, 5337, 5700, 5594, 5697, 5265, 5328, 5259, 5456, 5357, 5682, 5655, 5538, 5367, 5716, 5519, 5522, 5306 (6 hits) (02/13/2012 11:52:31 AM)
8	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5331, 5364, 5619, 5594, 5651, 5515, 5530, 5355, 5290, 5615, 5391, 5645, 5285, 5342, 5599, 5692, 5518, 5380, 5548, 5693, 5490, 5673, 5543, 5296, 5510, 5461, 5598, 5588, 5272, 5457, 5316, 5667, 5427, 5305, 5281, 5277, 5493, 5267, 5321, 5271, 5447, 5648, 5443, 5266, 5479, 5650, 5546, 5587, 5264, 5549, 5559, 5423, 5361, 5500, 5335, 5453, 5656, 5333, 5261, 5514, 5303, 5470, 5536, 5724, 5562, 5533, 5708, 5538, 5359, 5586, 5320, 5345, 5581, 5512, 5256, 5658, 5567, 5252, 5356, 5516, 5620, 5595, 5664, 5590, 5341, 5440, 5406, 5681, 5287, 5422, 5370, 5354, 5434, 5409, 5531, 5368, 5259, 5263, 5526, 5722 (9 hits) (02/13/2012 11:52:38 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
9	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5714, 5340, 5407, 5467, 5599, 5635, 5516, 5588, 5720, 5664, 5569, 5478, 5404, 5375, 5317, 5559, 5500, 5631, 5716, 5589, 5647, 5519, 5617, 5722, 5554, 5691, 5299, 5657, 5294, 5452, 5342, 5349, 5381, 5479, 5308, 5270, 5447, 5344, 5255, 5602, 5688, 5680, 5403, 5367, 5553, 5306, 5645, 5698, 5685, 5337, 5677, 5609, 5678, 5356, 5401, 5560, 5429, 5694, 5515, 5608, 5257, 5461, 5618, 5319, 5331, 5398, 5687, 5477, 5603, 5458, 5384, 5427, 5312, 5471, 5557, 5525, 5655, 5413, 5633, 5493, 5593, 5564, 5590, 5315, 5263, 5556, 5406, 5642, 5573, 5330, 5663, 5614, 5676, 5436, 5334, 5371, 5613, 5392, 5692, 5584 (6 hits) (02/13/2012 11:52:45 AM)
10	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5503, 5473, 5350, 5347, 5288, 5622, 5275, 5265, 5629, 5262, 5335, 5458, 5274, 5415, 5355, 5682, 5718, 5674, 5377, 5440, 5668, 5429, 5574, 5361, 5706, 5325, 5722, 5505, 5703, 5588, 5498, 5475, 5547, 5627, 5539, 5585, 5408, 5324, 5671, 5579, 5512, 5553, 5286, 5721, 5688, 5546, 5586, 5441, 5336, 5281, 5490, 5276, 5432, 5395, 5580, 5341, 5373, 5710, 5468, 5287, 5670, 5267, 5443, 5365, 5445, 5690, 5621, 5471, 5354, 5389, 5694, 5534, 5707, 5624, 5555, 5459, 5302, 5423, 5334, 5543, 5273, 5340, 5698, 5482, 5559, 5290, 5686, 5517, 5371, 5372, 5659, 5650, 5681, 5484, 5683, 5448, 5331, 5626, 5719, 5535 (5 hits) (02/13/2012 11:52:52 AM)

Table 43 - 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	5500.0MHz, -64.0dBm	Hop sequence: 5414, 5396, 5446, 5586, 5725, 5601, 5566, 5389, 5599, 5554, 5444, 5302, 5522, 5643, 5584, 5648, 5661, 5624, 5441, 5424, 5549, 5604, 5498, 5440, 5297, 5701, 5436, 5494, 5593, 5564, 5286, 5695, 5587, 5510, 5431, 5348, 5403, 5452, 5372, 5720, 5623, 5368, 5463, 5391, 5719, 5468, 5479, 5534, 5622, 5644, 5700, 5338, 5525, 5538, 5429, 5692, 5459, 5350, 5259, 5550, 5268, 5572, 5721, 5362, 5629, 5426, 5299, 5511, 5505, 5509, 5493, 5499, 5416, 5312, 5336, 5664, 5283, 5410, 5501, 5705, 5386, 5399, 5647, 5697, 5408, 5316, 5516, 5438, 5545, 5548, 5523, 5329, 5521, 5400, 5377, 5433, 5687, 5254, 5287, 5620 (14 hits) (02/13/2012 11:53:00 AM)
12	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5384, 5616, 5294, 5262, 5691, 5379, 5560, 5442, 5415, 5507, 5360, 5572, 5565, 5607, 5576, 5509, 5395, 5461, 5418, 5702, 5369, 5558, 5608, 5635, 5528, 5457, 5535, 5473, 5313, 5335, 5485, 5351, 5419, 5354, 5316, 5381, 5534, 5475, 5690, 5403, 5493, 5595, 5581, 5334, 5330, 5253, 5643, 5260, 5511, 5551, 5494, 5277, 5638, 5695, 5306, 5557, 5326, 5399, 5584, 5589, 5639, 5677, 5625, 5563, 5486, 5521, 5503, 5490, 5538, 5393, 5501, 5593, 5339, 5701, 5553, 5325, 5479, 5582, 5498, 5350, 5564, 5619, 5680, 5472, 5637, 5477, 5548, 5527, 5365, 5692, 5417, 5718, 5282, 5434, 5281, 5618, 5627, 5456, 5290, 5321 (11 hits) (02/13/2012 11:53:07 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
13	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5437, 5562, 5381, 5364, 5253, 5269, 5520, 5435, 5278, 5575, 5591, 5704, 5644, 5724, 5408, 5482, 5383, 5497, 5454, 5633, 5321, 5511, 5651, 5268, 5476, 5637, 5276, 5426, 5574, 5438, 5333, 5560, 5711, 5442, 5698, 5441, 5626, 5604, 5635, 5540, 5548, 5658, 5509, 5539, 5372, 5371, 5329, 5688, 5597, 5315, 5389, 5620, 5564, 5462, 5522, 5302, 5338, 5256, 5676, 5331, 5430, 5534, 5552, 5584, 5530, 5385, 5498, 5304, 5663, 5567, 5450, 5322, 5345, 5615, 5518, 5618, 5335, 5613, 5341, 5368, 5590, 5630, 5261, 5685, 5342, 5479, 5557, 5585, 5671, 5262, 5699, 5398, 5636, 5641, 5470, 5656, 5526, 5647, 5379, 5708 (8 hits) (02/13/2012 11:53:14 AM)
14	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5644, 5578, 5545, 5631, 5573, 5701, 5666, 5379, 5277, 5537, 5566, 5571, 5588, 5344, 5549, 5433, 5514, 5299, 5353, 5402, 5507, 5371, 5438, 5658, 5693, 5376, 5681, 5430, 5491, 5559, 5291, 5476, 5709, 5556, 5401, 5416, 5478, 5448, 5480, 5585, 5281, 5704, 5690, 5494, 5341, 5505, 5442, 5414, 5612, 5465, 5528, 5593, 5293, 5367, 5394, 5303, 5660, 5711, 5608, 5532, 5694, 5386, 5363, 5284, 5670, 5516, 5479, 5356, 5392, 5539, 5629, 5591, 5443, 5542, 5620, 5515, 5587, 5550, 5638, 5714, 5380, 5597, 5624, 5565, 5375, 5304, 5286, 5553, 5511, 5632, 5603, 5455, 5724, 5359, 5327, 5328, 5577, 5574, 5640, 5541 (8 hits) (02/13/2012 11:53:22 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
15	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5584, 5596, 5355, 5368, 5259, 5664, 5439, 5672, 5280, 5628, 5330, 5256, 5498, 5319, 5505, 5621, 5275, 5379, 5573, 5679, 5475, 5289, 5705, 5514, 5354, 5391, 5608, 5361, 5492, 5336, 5255, 5264, 5253, 5418, 5488, 5479, 5629, 5284, 5657, 5436, 5437, 5272, 5392, 5425, 5511, 5700, 5358, 5312, 5620, 5372, 5347, 5404, 5577, 5325, 5538, 5327, 5466, 5589, 5598, 5373, 5718, 5343, 5432, 5443, 5310, 5688, 5426, 5551, 5541, 5364, 5290, 5544, 5543, 5428, 5451, 5694, 5614, 5465, 5353, 5594, 5459, 5499, 5292, 5447, 5555, 5406, 5472, 5393, 5570, 5703, 5307, 5295, 5286, 5405, 5676, 5452, 5403, 5536, 5480, 5666 (6 hits) (02/13/2012 11:53:28 AM)
16	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5574, 5509, 5644, 5375, 5265, 5401, 5428, 5626, 5522, 5572, 5348, 5493, 5624, 5529, 5385, 5469, 5549, 5526, 5546, 5721, 5435, 5616, 5614, 5298, 5432, 5464, 5613, 5382, 5665, 5479, 5516, 5442, 5615, 5452, 5603, 5379, 5267, 5316, 5365, 5486, 5667, 5475, 5541, 5664, 5659, 5703, 5628, 5393, 5595, 5568, 5264, 5663, 5658, 5358, 5605, 5354, 5326, 5409, 5271, 5646, 5695, 5374, 5657, 5412, 5588, 5520, 5706, 5434, 5652, 5653, 5651, 5707, 5333, 5377, 5539, 5446, 5394, 5281, 5686, 5694, 5536, 5654, 5395, 5449, 5670, 5335, 5315, 5711, 5364, 5477, 5505, 5473, 5625, 5669, 5368, 5411, 5462, 5681, 5687, 5597 (7 hits) (02/13/2012 11:53:36 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
17	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5685, 5511, 5658, 5375, 5575, 5604, 5278, 5708, 5253, 5544, 5271, 5433, 5303, 5718, 5600, 5664, 5470, 5483, 5437, 5710, 5499, 5383, 5617, 5400, 5474, 5530, 5272, 5270, 5509, 5266, 5424, 5560, 5268, 5345, 5290, 5686, 5721, 5311, 5377, 5428, 5563, 5364, 5538, 5384, 5277, 5333, 5701, 5624, 5393, 5422, 5551, 5403, 5282, 5587, 5262, 5379, 5327, 5589, 5725, 5549, 5429, 5274, 5329, 5305, 5537, 5581, 5607, 5577, 5289, 5409, 5520, 5388, 5328, 5705, 5646, 5681, 5438, 5536, 5346, 5473, 5431, 5592, 5297, 5358, 5447, 5567, 5484, 5720, 5256, 5365, 5704, 5547, 5541, 5517, 5595, 5644, 5317, 5713, 5458, 5427 (5 hits) (02/13/2012 11:53:45 AM)
18	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5284, 5647, 5688, 5479, 5391, 5356, 5421, 5344, 5525, 5357, 5597, 5460, 5449, 5698, 5486, 5527, 5349, 5427, 5549, 5264, 5573, 5458, 5663, 5706, 5666, 5315, 5408, 5618, 5259, 5641, 5595, 5331, 5429, 5370, 5378, 5444, 5394, 5330, 5258, 5606, 5317, 5537, 5253, 5270, 5702, 5591, 5278, 5519, 5655, 5584, 5575, 5625, 5275, 5504, 5461, 5513, 5424, 5612, 5467, 5293, 5260, 5340, 5418, 5354, 5437, 5319, 5531, 5312, 5316, 5282, 5342, 5254, 5653, 5301, 5694, 5406, 5308, 5668, 5704, 5487, 5631, 5535, 5352, 5616, 5691, 5501, 5296, 5484, 5684, 5711, 5552, 5689, 5579, 5483, 5558, 5412, 5430, 5280, 5261, 5256 (6 hits) (02/13/2012 11:53:53 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
19	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5251, 5592, 5387, 5395, 5367, 5651, 5461, 5262, 5284, 5445, 5707, 5698, 5366, 5297, 5470, 5724, 5351, 5280, 5256, 5464, 5253, 5390, 5472, 5693, 5557, 5309, 5507, 5582, 5630, 5450, 5583, 5449, 5627, 5417, 5560, 5637, 5384, 5509, 5327, 5493, 5524, 5647, 5584, 5354, 5540, 5519, 5533, 5624, 5617, 5350, 5433, 5319, 5668, 5321, 5430, 5613, 5392, 5684, 5272, 5706, 5484, 5527, 5404, 5709, 5495, 5636, 5657, 5681, 5528, 5457, 5715, 5314, 5287, 5264, 5269, 5466, 5501, 5455, 5303, 5305, 5597, 5713, 5646, 5442, 5412, 5255, 5340, 5368, 5655, 5362, 5403, 5281, 5714, 5266, 5546, 5411, 5310, 5279, 5662, 5544 (9 hits) (02/13/2012 11:54:00 AM)
20	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5503, 5346, 5610, 5515, 5453, 5380, 5323, 5277, 5300, 5618, 5420, 5274, 5694, 5516, 5558, 5334, 5543, 5650, 5600, 5297, 5412, 5438, 5264, 5693, 5563, 5475, 5686, 5449, 5443, 5281, 5566, 5695, 5253, 5555, 5444, 5369, 5262, 5299, 5636, 5678, 5707, 5597, 5494, 5508, 5472, 5577, 5427, 5309, 5470, 5293, 5485, 5614, 5457, 5625, 5574, 5549, 5353, 5502, 5596, 5624, 5411, 5551, 5367, 5703, 5294, 5254, 5429, 5521, 5345, 5505, 5317, 5581, 5715, 5460, 5528, 5532, 5445, 5473, 5390, 5464, 5700, 5714, 5304, 5354, 5479, 5554, 5585, 5362, 5620, 5355, 5575, 5273, 5598, 5263, 5681, 5409, 5340, 5537, 5462, 5628 (9 hits) (02/13/2012 11:54:09 AM)

Table 43 - 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	5510.0MHz, -64.0dBm	Hop sequence: 5293, 5444, 5681, 5400, 5377, 5440, 5506, 5723, 5644, 5624, 5362, 5528, 5494, 5583, 5500, 5706, 5670, 5343, 5290, 5635, 5412, 5530, 5305, 5587, 5682, 5673, 5304, 5277, 5718, 5394, 5724, 5476, 5262, 5311, 5381, 5378, 5495, 5602, 5326, 5547, 5654, 5608, 5358, 5672, 5413, 5409, 5261, 5402, 5298, 5274, 5582, 5360, 5652, 5338, 5403, 5649, 5364, 5588, 5404, 5265, 5535, 5297, 5590, 5490, 5641, 5562, 5662, 5452, 5720, 5426, 5544, 5703, 5299, 5453, 5691, 5393, 5257, 5396, 5443, 5709, 5263, 5628, 5373, 5719, 5320, 5710, 5340, 5388, 5385, 5557, 5493, 5288, 5267, 5389, 5492, 5596, 5601, 5565, 5659, 5686 (7 hits) (02/13/2012 11:54:17 AM)
22	9	1.0	333.0	Yes	5511.0MHz, -64.0dBm	Hop sequence: 5622, 5316, 5269, 5460, 5676, 5545, 5635, 5709, 5572, 5546, 5305, 5485, 5633, 5369, 5466, 5258, 5292, 5411, 5364, 5615, 5698, 5620, 5570, 5315, 5580, 5389, 5319, 5631, 5614, 5311, 5250, 5515, 5437, 5478, 5453, 5424, 5677, 5446, 5340, 5619, 5528, 5663, 5396, 5495, 5459, 5422, 5701, 5355, 5617, 5660, 5640, 5518, 5629, 5712, 5469, 5327, 5625, 5333, 5440, 5523, 5612, 5289, 5611, 5564, 5507, 5578, 5573, 5511, 5594, 5418, 5423, 5363, 5266, 5591, 5601, 5652, 5493, 5272, 5702, 5713, 5427, 5522, 5359, 5526, 5497, 5257, 5492, 5488, 5299, 5657, 5554, 5386, 5650, 5530, 5521, 5343, 5342, 5273, 5302, 5366 (13 hits) (02/13/2012 11:54:24 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
23	9	1.0	333.0	Yes	5512.0MHz, -64.0dBm	Hop sequence: 5375, 5256, 5571, 5411, 5493, 5402, 5595, 5344, 5623, 5672, 5615, 5263, 5643, 5694, 5691, 5356, 5666, 5550, 5465, 5470, 5280, 5487, 5328, 5403, 5422, 5653, 5656, 5524, 5658, 5544, 5410, 5463, 5634, 5444, 5394, 5416, 5683, 5448, 5372, 5569, 5570, 5599, 5289, 5522, 5663, 5296, 5568, 5627, 5396, 5587, 5421, 5572, 5459, 5269, 5330, 5325, 5355, 5659, 5482, 5702, 5261, 5611, 5508, 5395, 5697, 5528, 5502, 5414, 5309, 5279, 5561, 5579, 5450, 5370, 5496, 5291, 5530, 5442, 5335, 5723, 5553, 5282, 5350, 5699, 5667, 5681, 5724, 5285, 5714, 5346, 5631, 5383, 5460, 5306, 5456, 5380, 5254, 5436, 5352, 5378 (7 hits) (02/13/2012 11:54:32 AM)
24	9	1.0	333.0	Yes	5513.0MHz, -64.0dBm	Hop sequence: 5368, 5634, 5708, 5705, 5343, 5520, 5575, 5372, 5423, 5680, 5635, 5702, 5628, 5319, 5322, 5346, 5534, 5321, 5253, 5529, 5597, 5362, 5537, 5351, 5644, 5285, 5612, 5289, 5696, 5250, 5263, 5703, 5587, 5663, 5546, 5363, 5592, 5373, 5695, 5607, 5300, 5538, 5637, 5487, 5615, 5366, 5673, 5657, 5697, 5605, 5414, 5360, 5425, 5398, 5591, 5298, 5721, 5643, 5422, 5641, 5430, 5469, 5258, 5408, 5426, 5477, 5572, 5718, 5583, 5706, 5281, 5652, 5390, 5712, 5464, 5560, 5264, 5305, 5329, 5586, 5382, 5503, 5545, 5251, 5505, 5567, 5394, 5504, 5549, 5433, 5573, 5252, 5518, 5296, 5651, 5354, 5693, 5392, 5369, 5609 (5 hits) (02/13/2012 11:54:38 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
25	9	1.0	333.0	Yes	5514.0MHz, -64.0dBm	Hop sequence: 5658, 5555, 5600, 5469, 5653, 5345, 5269, 5396, 5430, 5477, 5263, 5378, 5374, 5712, 5677, 5421, 5452, 5574, 5390, 5323, 5277, 5443, 5565, 5644, 5307, 5425, 5448, 5506, 5691, 5501, 5387, 5482, 5436, 5556, 5495, 5418, 5704, 5308, 5274, 5490, 5375, 5532, 5515, 5604, 5376, 5404, 5626, 5486, 5424, 5408, 5632, 5328, 5428, 5703, 5317, 5579, 5640, 5714, 5513, 5619, 5473, 5445, 5665, 5589, 5572, 5693, 5684, 5530, 5548, 5271, 5344, 5299, 5491, 5407, 5573, 5483, 5359, 5385, 5479, 5400, 5701, 5281, 5601, 5321, 5380, 5394, 5412, 5642, 5410, 5599, 5625, 5661, 5403, 5538, 5332, 5451, 5542, 5531, 5367, 5273 (5 hits) (02/13/2012 11:54:45 AM)
26	9	1.0	333.0	Yes	5515.0MHz, -64.0dBm	Hop sequence: 5724, 5489, 5679, 5706, 5269, 5685, 5401, 5596, 5612, 5338, 5519, 5366, 5278, 5726, 5666, 5620, 5303, 5348, 5579, 5261, 5483, 5457, 5692, 5645, 5325, 5312, 5578, 5375, 5682, 5455, 5542, 5393, 5642, 5357, 5445, 5651, 5258, 5565, 5356, 5419, 5665, 5343, 5430, 5251, 5319, 5640, 5447, 5699, 5719, 5358, 5429, 5291, 5370, 5394, 5321, 5449, 5323, 5709, 5353, 5663, 5337, 5614, 5389, 5424, 5364, 5411, 5412, 5423, 5475, 5301, 5688, 5717, 5250, 5505, 5286, 5610, 5576, 5448, 5346, 5617, 5567, 5639, 5264, 5689, 5255, 5390, 5305, 5631, 5507, 5586, 5256, 5697, 5327, 5308, 5277, 5647, 5575, 5437, 5274, 5687 (3 hits) (02/13/2012 11:54:54 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
27	9	1.0	333.0	Yes	5516.0MHz, -64.0dBm	Hop sequence: 5307, 5679, 5699, 5306, 5294, 5421, 5275, 5600, 5380, 5352, 5602, 5545, 5504, 5416, 5284, 5415, 5458, 5366, 5401, 5354, 5598, 5254, 5469, 5620, 5467, 5542, 5270, 5673, 5367, 5369, 5342, 5605, 5468, 5255, 5333, 5262, 5554, 5637, 5596, 5649, 5471, 5427, 5686, 5280, 5348, 5630, 5406, 5697, 5591, 5626, 5580, 5550, 5614, 5269, 5536, 5424, 5341, 5685, 5271, 5584, 5297, 5298, 5339, 5607, 5715, 5722, 5295, 5549, 5405, 5455, 5553, 5373, 5606, 5644, 5403, 5724, 5654, 5470, 5610, 5540, 5414, 5592, 5384, 5514, 5327, 5538, 5457, 5576, 5655, 5289, 5330, 5717, 5450, 5282, 5711, 5706, 5642, 5474, 5387, 5420 (2 hits) (02/13/2012 11:55:02 AM)
28	9	1.0	333.0	Yes	5517.0MHz, -64.0dBm	Hop sequence: 5364, 5688, 5683, 5674, 5623, 5689, 5647, 5482, 5602, 5574, 5370, 5719, 5678, 5395, 5517, 5650, 5726, 5627, 5292, 5271, 5285, 5485, 5373, 5590, 5307, 5377, 5504, 5282, 5479, 5585, 5329, 5577, 5265, 5698, 5351, 5553, 5386, 5724, 5670, 5251, 5671, 5465, 5568, 5509, 5622, 5634, 5417, 5276, 5299, 5518, 5638, 5297, 5259, 5380, 5480, 5706, 5359, 5514, 5332, 5569, 5554, 5339, 5594, 5679, 5433, 5722, 5526, 5551, 5524, 5713, 5366, 5579, 5412, 5270, 5543, 5672, 5684, 5685, 5294, 5584, 5699, 5605, 5580, 5415, 5492, 5374, 5463, 5663, 5399, 5563, 5457, 5500, 5600, 5673, 5305, 5646, 5603, 5666, 5624, 5529 (9 hits) (02/13/2012 11:55:09 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
29	9	1.0	333.0	Yes	5518.0MHz, -64.0dBm	Hop sequence: 5294, 5593, 5524, 5581, 5299, 5285, 5431, 5460, 5398, 5314, 5630, 5264, 5523, 5423, 5328, 5268, 5343, 5629, 5334, 5478, 5433, 5376, 5704, 5516, 5697, 5667, 5380, 5410, 5549, 5263, 5305, 5270, 5325, 5666, 5339, 5612, 5306, 5563, 5711, 5617, 5462, 5544, 5292, 5375, 5557, 5554, 5623, 5276, 5312, 5684, 5373, 5614, 5632, 5644, 5454, 5605, 5713, 5654, 5278, 5689, 5536, 5652, 5421, 5396, 5676, 5444, 5634, 5592, 5703, 5661, 5463, 5479, 5351, 5271, 5418, 5642, 5316, 5386, 5501, 5392, 5486, 5580, 5472, 5399, 5547, 5473, 5527, 5559, 5261, 5262, 5497, 5515, 5694, 5622, 5442, 5715, 5670, 5457, 5660, 5307 (7 hits) (02/13/2012 11:55:16 AM)
30	9	1.0	333.0	Yes	5519.0MHz, -64.0dBm	Hop sequence: 5270, 5402, 5569, 5335, 5599, 5556, 5561, 5387, 5414, 5653, 5679, 5394, 5348, 5602, 5618, 5343, 5281, 5459, 5717, 5353, 5350, 5518, 5648, 5619, 5496, 5312, 5501, 5665, 5511, 5529, 5566, 5373, 5329, 5318, 5636, 5654, 5535, 5613, 5614, 5325, 5477, 5552, 5499, 5368, 5684, 5393, 5355, 5702, 5642, 5707, 5656, 5290, 5446, 5395, 5365, 5490, 5334, 5417, 5381, 5359, 5492, 5261, 5687, 5367, 5292, 5516, 5662, 5609, 5625, 5590, 5422, 5375, 5324, 5506, 5298, 5286, 5352, 5280, 5337, 5586, 5661, 5611, 5528, 5358, 5660, 5284, 5404, 5412, 5450, 5377, 5652, 5695, 5462, 5421, 5514, 5620, 5545, 5401, 5494, 5495 (12 hits) (02/13/2012 11:55:23 AM)

Table 43 - 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	5520.0MHz, -64.0dBm	Hop sequence: 5395, 5268, 5321, 5516, 5704, 5400, 5705, 5624, 5282, 5396, 5473, 5283, 5457, 5446, 5329, 5288, 5407, 5505, 5539, 5441, 5623, 5726, 5358, 5276, 5680, 5560, 5702, 5662, 5404, 5721, 5331, 5716, 5637, 5658, 5698, 5334, 5361, 5536, 5590, 5603, 5559, 5693, 5635, 5672, 5501, 5459, 5533, 5604, 5309, 5671, 5302, 5484, 5611, 5634, 5688, 5346, 5591, 5343, 5657, 5391, 5298, 5387, 5468, 5717, 5524, 5284, 5601, 5546, 5422, 5426, 5485, 5625, 5341, 5275, 5556, 5340, 5666, 5584, 5261, 5579, 5504, 5438, 5673, 5639, 5411, 5398, 5461, 5569, 5476, 5572, 5450, 5460, 5608, 5606, 5470, 5557, 5316, 5286, 5675, 5430 (5 hits) (02/13/2012 11:55:31 AM)
32	9	1.0	333.0	Yes	5521.0MHz, -64.0dBm	Hop sequence: 5360, 5719, 5469, 5535, 5391, 5600, 5487, 5508, 5625, 5458, 5384, 5681, 5534, 5492, 5702, 5530, 5659, 5392, 5479, 5613, 5461, 5345, 5363, 5404, 5490, 5373, 5560, 5318, 5289, 5450, 5342, 5526, 5468, 5463, 5531, 5296, 5349, 5301, 5697, 5415, 5260, 5255, 5491, 5606, 5316, 5517, 5361, 5591, 5566, 5393, 5650, 5402, 5680, 5414, 5337, 5639, 5253, 5518, 5317, 5514, 5273, 5438, 5261, 5276, 5704, 5717, 5630, 5312, 5641, 5297, 5376, 5493, 5427, 5320, 5510, 5379, 5567, 5319, 5539, 5403, 5405, 5475, 5544, 5581, 5615, 5507, 5283, 5445, 5498, 5387, 5595, 5442, 5495, 5684, 5425, 5291, 5481, 5654, 5279, 5573 (11 hits) (02/13/2012 11:55:41 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
33	9	1.0	333.0	Yes	5522.0MHz, -64.0dBm	Hop sequence: 5307, 5532, 5610, 5394, 5383, 5460, 5710, 5579, 5318, 5670, 5522, 5262, 5395, 5676, 5296, 5274, 5437, 5468, 5551, 5621, 5391, 5316, 5344, 5616, 5483, 5590, 5620, 5573, 5539, 5681, 5465, 5406, 5569, 5562, 5669, 5521, 5638, 5564, 5614, 5688, 5627, 5279, 5634, 5305, 5417, 5635, 5572, 5257, 5613, 5537, 5281, 5252, 5377, 5449, 5557, 5561, 5606, 5271, 5446, 5324, 5469, 5293, 5356, 5598, 5434, 5350, 5487, 5594, 5467, 5332, 5626, 5680, 5363, 5675, 5577, 5667, 5646, 5659, 5269, 5354, 5386, 5587, 5435, 5448, 5366, 5445, 5337, 5320, 5297, 5576, 5637, 5415, 5611, 5429, 5327, 5504, 5431, 5264, 5547, 5444 (3 hits) (02/13/2012 11:55:50 AM)
34	9	1.0	333.0	Yes	5523.0MHz, -64.0dBm	Hop sequence: 5716, 5362, 5520, 5342, 5723, 5418, 5518, 5264, 5481, 5262, 5252, 5598, 5438, 5254, 5651, 5571, 5405, 5272, 5330, 5360, 5714, 5644, 5259, 5521, 5327, 5411, 5382, 5349, 5357, 5261, 5403, 5677, 5565, 5479, 5662, 5563, 5509, 5630, 5553, 5610, 5469, 5605, 5562, 5585, 5308, 5391, 5251, 5298, 5271, 5705, 5461, 5361, 5626, 5573, 5319, 5595, 5447, 5325, 5570, 5372, 5384, 5578, 5296, 5541, 5263, 5448, 5495, 5508, 5576, 5458, 5537, 5369, 5421, 5468, 5647, 5345, 5668, 5603, 5304, 5616, 5306, 5299, 5465, 5552, 5307, 5621, 5627, 5635, 5323, 5273, 5555, 5443, 5681, 5353, 5574, 5702, 5724, 5628, 5463, 5267 (6 hits) (02/13/2012 11:56:32 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
35	9	1.0	333.0	Yes	5524.0MHz, -64.0dBm	Hop sequence: 5697, 5505, 5726, 5519, 5462, 5606, 5332, 5491, 5706, 5524, 5693, 5605, 5322, 5316, 5671, 5292, 5336, 5358, 5274, 5531, 5622, 5370, 5552, 5512, 5279, 5618, 5378, 5452, 5269, 5529, 5723, 5587, 5633, 5577, 5436, 5250, 5718, 5477, 5599, 5362, 5485, 5440, 5645, 5423, 5364, 5513, 5391, 5321, 5407, 5565, 5588, 5692, 5329, 5310, 5601, 5558, 5598, 5516, 5695, 5278, 5396, 5327, 5548, 5699, 5700, 5498, 5366, 5272, 5296, 5400, 5348, 5317, 5637, 5419, 5284, 5664, 5372, 5264, 5673, 5365, 5604, 5286, 5581, 5596, 5290, 5490, 5597, 5398, 5705, 5262, 5486, 5688, 5652, 5260, 5536, 5579, 5418, 5417, 5483, 5389 (7 hits) (02/13/2012 11:56:41 AM)
36	9	1.0	333.0	Yes	5525.0MHz, -64.0dBm	Hop sequence: 5426, 5397, 5483, 5581, 5502, 5563, 5653, 5526, 5565, 5301, 5535, 5367, 5678, 5385, 5351, 5433, 5308, 5460, 5332, 5386, 5614, 5376, 5521, 5712, 5497, 5635, 5462, 5685, 5681, 5673, 5359, 5650, 5699, 5695, 5438, 5659, 5718, 5364, 5643, 5691, 5292, 5575, 5713, 5297, 5573, 5501, 5611, 5338, 5260, 5477, 5360, 5630, 5564, 5318, 5467, 5353, 5688, 5582, 5379, 5714, 5510, 5327, 5656, 5667, 5274, 5698, 5548, 5454, 5618, 5725, 5657, 5400, 5682, 5265, 5504, 5392, 5417, 5344, 5447, 5326, 5437, 5253, 5474, 5422, 5715, 5311, 5252, 5482, 5414, 5522, 5537, 5496, 5590, 5267, 5702, 5348, 5601, 5690, 5707, 5639 (9 hits) (02/13/2012 11:56:49 AM)

Table 43 - FCC frequency hopping radar (Type 6) Results n40_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
37	9	1.0	333.0	Yes	5526.0MHz, -64.0dBm	Hop sequence: 5716, 5653, 5327, 5461, 5720, 5376, 5719, 5388, 5331, 5525, 5718, 5610, 5532, 5293, 5346, 5706, 5285, 5444, 5645, 5270, 5695, 5257, 5258, 5457, 5713, 5662, 5464, 5335, 5673, 5432, 5528, 5353, 5722, 5268, 5385, 5527, 5439, 5437, 5723, 5672, 5711, 5364, 5643, 5526, 5586, 5361, 5305, 5658, 5302, 5682, 5630, 5256, 5592, 5262, 5251, 5409, 5291, 5597, 5254, 5545, 5320, 5343, 5572, 5575, 5380, 5681, 5403, 5421, 5447, 5469, 5642, 5488, 5619, 5401, 5509, 5418, 5497, 5659, 5516, 5445, 5707, 5417, 5329, 5485, 5563, 5660, 5508, 5321, 5576, 5620, 5693, 5438, 5482, 5407, 5250, 5648, 5694, 5349, 5397, 5490 (8 hits) (02/13/2012 11:56:57 AM)

AB20

Table 44 - n20_Detection Bandwidth Measurements (Bandwidth: +10MHz /-10MHz)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5489.00 MHz	0	3	0
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5490.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
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
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	0	3	0

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)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	83.3 %	60.0 %	30	PASSED
Aggregate of above results	93.3 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	42	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED

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 (02/13/2012 02:15:31 PM)
2	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:15:45 PM)
3	18	1.0	1428.0	Yes	5490.0MHz, -64.0dBm	Single burst (02/13/2012 02:15:53 PM)
4	18	1.0	1428.0	Yes	5510.0MHz, -64.0dBm	Single burst (02/13/2012 02:16:02 PM)
5	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:16:10 PM)
6	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:16:18 PM)
7	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:16:24 PM)
8	18	1.0	1428.0	Yes	5490.0MHz, -64.0dBm	Single burst (02/13/2012 02:16:30 PM)

Table 46 - FCC Short Pulse Radar (Type 1) Results n20_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
9	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:17:09 PM)
10	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:17:17 PM)
11	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:17:25 PM)
12	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:17:35 PM)
13	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:17:44 PM)
14	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:17:56 PM)
15	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:18:19 PM)
16	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:18:27 PM)
17	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:18:37 PM)
18	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:18:52 PM)
19	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:19:00 PM)
20	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:19:08 PM)
21	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:19:16 PM)
22	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:19:23 PM)
23	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:19:29 PM)
24	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:19:37 PM)
25	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:19:45 PM)
26	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:19:53 PM)
27	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:20:00 PM)
28	18	1.0	1428.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:20:07 PM)
29	18	1.0	1428.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:20:15 PM)
30	18	1.0	1428.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:20:23 PM)

Table 47 - FCC Short Pulse Radar (Type 2) Results n20_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	26	1.3	177.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:21:21 PM)
2	26	3.8	204.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:21:48 PM)

Table 47 - FCC Short Pulse Radar (Type 2) Results n20_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
3	28	1.3	164.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:22:03 PM)
4	28	2.8	193.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:22:11 PM)
5	26	1.4	196.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:22:19 PM)
6	29	3.9	205.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:22:25 PM)
7	29	1.1	164.0	No	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:22:33 PM)
8	24	2.7	171.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:22:47 PM)
9	26	4.8	214.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:22:54 PM)
10	24	4.9	216.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:23:01 PM)
11	26	2.6	189.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:23:09 PM)
12	24	2.6	208.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:23:17 PM)
13	26	2.1	182.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:23:25 PM)
14	28	4.8	207.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:23:40 PM)
15	28	2.6	152.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:23:48 PM)
16	26	3.0	153.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:24:07 PM)
17	26	3.2	185.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:24:16 PM)
18	25	3.7	161.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:24:24 PM)
19	25	2.7	154.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:24:41 PM)
20	25	3.0	194.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:24:56 PM)
21	26	1.3	226.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:25:05 PM)
22	24	2.3	199.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:25:13 PM)
23	24	1.3	164.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:25:22 PM)
24	27	3.3	188.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:25:32 PM)
25	24	3.1	166.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:25:48 PM)
26	25	3.4	201.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:26:00 PM)
27	29	4.5	163.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:27:27 PM)
28	23	3.4	171.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:27:36 PM)
29	24	2.7	172.0	No	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:27:45 PM)

Table 47 - FCC Short Pulse Radar (Type 2) Results n20_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
30	24	4.9	222.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:27:56 PM)

Table 48 - 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	17	6.1	396.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:30:55 PM)
2	17	6.6	395.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:31:06 PM)
3	17	8.5	380.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:31:22 PM)
4	17	8.4	210.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:31:32 PM)
5	18	8.3	415.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:31:43 PM)
6	17	8.9	230.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:31:54 PM)
7	16	6.5	252.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:32:08 PM)
8	17	6.4	236.0	No	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:32:18 PM)
9	17	7.2	328.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:32:29 PM)
10	17	6.3	411.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:32:38 PM)
11	17	7.6	414.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:32:46 PM)
12	17	7.3	338.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:32:58 PM)
13	18	6.8	366.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:33:07 PM)
14	17	8.9	407.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:33:18 PM)
15	16	9.6	232.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:33:26 PM)
16	17	7.4	312.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:33:36 PM)
17	17	6.4	240.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:33:44 PM)
18	17	8.4	254.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:33:52 PM)
19	16	9.0	389.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:34:00 PM)
20	16	9.3	425.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:34:33 PM)
21	17	9.7	265.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:34:42 PM)
22	16	9.1	240.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:34:59 PM)
23	17	7.7	404.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:35:11 PM)

Table 48 - FCC Short Pulse Radar (Type 3) Results n20_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
24	18	6.2	387.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:35:22 PM)
25	17	6.6	477.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:35:37 PM)
26	17	8.5	426.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:35:47 PM)
27	17	6.4	437.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:35:55 PM)
28	17	9.9	229.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:36:03 PM)
29	16	9.3	306.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:36:24 PM)
30	16	9.3	401.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:36:35 PM)

Table 49 - FCC Short Pulse Radar (Type 4) Results n20_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	15	16.1	388.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:37:22 PM)
2	14	13.9	375.0	No	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:37:32 PM)
3	14	19.8	379.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:37:46 PM)
4	14	14.5	252.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:38:44 PM)
5	16	16.5	314.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:38:53 PM)
6	16	19.4	290.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:39:04 PM)
7	16	19.3	344.0	No	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:39:14 PM)
8	13	11.7	386.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:39:25 PM)
9	13	14.7	439.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:39:42 PM)
10	13	12.6	447.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:39:54 PM)
11	13	19.1	309.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:40:02 PM)
12	12	14.9	405.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:40:10 PM)
13	15	14.7	258.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:40:18 PM)
14	12	15.1	293.0	No	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:40:27 PM)
15	14	13.9	272.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:40:36 PM)
16	15	19.4	348.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:40:44 PM)
17	13	15.1	419.0	No	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:40:59 PM)

Table 49 - FCC Short Pulse Radar (Type 4) Results n20_

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
18	13	12.5	453.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:41:41 PM)
19	12	11.5	475.0	No	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:41:50 PM)
20	13	16.7	424.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:42:09 PM)
21	12	16.6	448.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:42:20 PM)
22	16	11.9	296.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:42:31 PM)
23	13	13.5	316.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:42:44 PM)
24	13	16.9	324.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:43:00 PM)
25	12	14.6	476.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:43:10 PM)
26	15	13.0	286.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:43:26 PM)
27	14	14.1	436.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:43:35 PM)
28	12	16.0	470.0	Yes	5500.0MHz, -64.0dBm	Single burst (02/13/2012 02:43:43 PM)
29	16	11.6	383.0	Yes	5495.0MHz, -64.0dBm	Single burst (02/13/2012 02:43:52 PM)
30	13	13.0	306.0	Yes	5505.0MHz, -64.0dBm	Single burst (02/13/2012 02:43:59 PM)

Table 50 - 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
Trial #3	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	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	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

Table 50 - Long Sequence Waveform Summary n20_		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #28	Detected	5500.0MHz, -64.0dBm
Trial #29	Detected	5495.0MHz, -64.0dBm
Trial #30	Detected	5505.0MHz, -64.0dBm

Table 51 - 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 (Sec)
1	3	59.4	9	1097.0	1621.0	0.382103
2	2	81.6	6	1679.0	-	1.161908
3	1	61.5	16	-	-	1.833409
4	3	100.0	14	1679.0	1060.0	2.331130
5	2	75.2	14	1355.0	-	3.331412
6	1	59.9	9	-	-	4.191432
7	2	79.7	6	1595.0	-	4.260381
8	1	61.4	15	-	-	5.580972
9	2	55.2	8	1234.0	-	6.299261
10	3	56.6	7	1959.0	1367.0	6.674941
11	2	65.3	9	1807.0	-	7.757485
12	1	70.7	10	-	-	7.903862
13	2	79.7	15	1011.0	-	8.523718
14	3	83.3	17	1026.0	1898.0	9.708976
15	2	95.9	7	1152.0	-	10.026478
16	3	81.0	5	1926.0	1715.0	11.241804
17	2	92.1	18	1953.0	-	11.671568

Table 52 - 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 (Sec)
1	1	50.2	11	-	-	0.916597
2	1	88.6	7	-	-	1.448105
3	1	87.3	16	-	-	2.476774
4	1	80.8	10	-	-	2.994307
5	3	54.0	15	1109.0	1198.0	4.147748
6	2	55.2	14	1765.0	-	5.360116
7	3	90.2	16	1656.0	1076.0	5.569719
8	3	60.0	7	1834.0	1446.0	7.208865
9	2	73.8	8	1476.0	-	7.949045
10	1	79.0	7	-	-	9.148489
11	2	77.9	18	1756.0	-	9.358451
12	1	69.8	6	-	-	11.073905
13	2	97.0	6	1432.0	-	11.287521

Table 53 - n20_ Long Sequence Waveform Trial#3 (Detected)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	78.4	16	1410.0	-	0.470990
2	2	70.6	11	1233.0	-	1.179275

Table 53 - n20_ Long Sequence Waveform Trial#3 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
3	3	87.9	12	1836.0	1834.0	1.385607
4	1	71.3	7	-	-	2.236102
5	2	70.2	12	1943.0	-	2.752572
6	1	81.1	18	-	-	3.589911
7	2	91.2	12	1737.0	-	4.314319
8	3	95.9	17	1571.0	1227.0	4.842057
9	2	67.9	9	1408.0	-	5.175603
10	3	86.1	19	1813.0	1761.0	6.197922
11	2	71.7	11	1816.0	-	6.532449
12	2	73.5	10	1107.0	-	7.301442
13	2	87.7	13	1823.0	-	8.115464
14	2	68.3	14	1209.0	-	8.250153
15	2	83.7	17	1510.0	-	9.141998
16	2	52.0	19	1515.0	-	9.910926
17	2	75.5	12	1257.0	-	10.285162
18	1	74.7	17	-	-	11.337955
19	2	93.8	18	1146.0	-	11.588009

Table 54 - 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 (Sec)
1	2	52.6	8	1703.0	-	0.575812
2	2	55.7	11	1008.0	-	2.096402
3	2	82.4	18	1388.0	-	2.895970
4	3	68.1	7	1740.0	1306.0	4.909599
5	3	62.0	8	1691.0	1712.0	5.343282
6	1	88.1	6	-	-	7.713841
7	1	66.6	18	-	-	8.485493
8	3	74.3	13	1411.0	1350.0	10.284842
9	2	57.7	9	1726.0	-	10.820042

Table 55 - 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 (Sec)
1	2	50.5	19	1252.0	-	0.241032
2	1	55.9	19	-	-	1.110254
3	1	56.9	11	-	-	1.964275
4	2	54.0	9	1565.0	-	2.141835
5	3	52.5	15	1354.0	1597.0	3.174905
6	3	71.5	11	1914.0	1285.0	4.025645
7	1	70.2	8	-	-	4.840932
8	3	96.7	13	1906.0	1840.0	5.564724
9	2	50.9	16	1194.0	-	5.768546
10	2	84.6	16	1477.0	-	6.615481
11	1	53.9	10	-	-	7.284912
12	1	83.5	19	-	-	8.380434
13	2	64.2	13	1032.0	-	9.113657
14	2	72.6	15	1893.0	-	9.413548
15	2	52.4	17	1528.0	-	9.981166
16	2	76.3	12	1899.0	-	10.974909

Table 55 - 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 (Sec)
17	1	57.6	16	-	-	11.921916

Table 56 - 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 (Sec)
1	2	63.4	15	1508.0	-	0.517613
2	3	77.5	18	1460.0	1319.0	0.892631
3	2	86.9	17	1176.0	-	1.920822
4	2	60.6	11	1398.0	-	2.385472
5	3	88.9	6	1061.0	1960.0	3.531562
6	2	85.8	15	1982.0	-	3.888733
7	2	69.6	14	1283.0	-	5.211016
8	2	53.5	20	1211.0	-	5.796516
9	3	57.5	13	1797.0	1174.0	6.077659
10	3	50.5	18	1625.0	1251.0	7.406766
11	3	94.9	19	1377.0	1374.0	7.580917
12	3	94.4	18	1028.0	1681.0	8.270989
13	1	100.0	13	-	-	9.301039
14	3	64.5	6	1847.0	1349.0	10.433445
15	2	70.3	17	1860.0	-	11.121265
16	3	76.4	16	1296.0	1730.0	11.507350

Table 57 - 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 (Sec)
1	2	93.4	19	1159.0	-	0.495593
2	3	96.8	11	1591.0	1615.0	1.111025
3	2	67.1	6	1120.0	-	1.669396
4	2	92.4	8	1948.0	-	2.637128
5	2	57.9	12	1973.0	-	3.042213
6	2	76.2	19	1381.0	-	4.200632
7	3	89.9	16	1844.0	1089.0	4.641242
8	3	95.6	17	1100.0	1497.0	5.381638
9	2	81.1	15	1689.0	-	6.084725
10	2	61.9	12	1143.0	-	6.893418
11	2	95.5	10	1870.0	-	7.488027
12	2	84.4	19	1383.0	-	7.826883
13	2	96.3	10	1519.0	-	8.555135
14	2	63.2	14	1423.0	-	9.839571
15	2	55.5	10	1796.0	-	10.302750
16	1	55.4	14	-	-	10.761779
17	2	64.0	7	1015.0	-	11.744997

Table 58 - n20_ Long Sequence Waveform Trial#8 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	61.9	17	1890.0	-	0.094364
2	2	90.9	13	1103.0	-	0.813844
3	1	95.5	16	-	-	2.277568

Table 58 - n20_ Long Sequence Waveform Trial#8 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
4	2	62.2	19	1859.0	-	2.958616
5	1	96.8	20	-	-	3.278226
6	2	78.1	14	1313.0	-	4.564834
7	1	78.8	13	-	-	4.812711
8	2	59.9	12	1537.0	-	5.915611
9	2	94.6	8	1926.0	-	7.011685
10	3	51.2	13	1468.0	1701.0	7.728334
11	2	92.9	15	1365.0	-	8.529552
12	3	80.5	19	1870.0	1355.0	8.912912
13	2	74.9	18	1955.0	-	9.905952
14	1	98.1	6	-	-	10.768576
15	2	86.2	15	1064.0	-	11.305303

Table 59 - 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 (Sec)
1	1	92.8	5	-	-	0.842039
2	1	78.3	17	-	-	0.955918
3	1	77.5	10	-	-	2.481037
4	3	88.2	11	1937.0	1061.0	3.190998
5	1	51.4	14	-	-	4.078376
6	2	74.1	12	1550.0	-	5.100702
7	2	96.9	16	1564.0	-	5.801786
8	2	72.2	6	1111.0	-	6.502207
9	2	77.8	5	1246.0	-	7.437909
10	3	91.0	7	1134.0	1378.0	8.635592
11	2	51.3	18	1220.0	-	9.512961
12	2	62.2	8	1863.0	-	11.059845
13	2	97.8	6	1861.0	-	11.581984

Table 60 - 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 (Sec)
1	3	93.8	6	1777.0	1597.0	0.528660
2	2	74.3	18	1891.0	-	1.064415
3	2	94.6	18	1246.0	-	1.488347
4	2	64.8	13	1602.0	-	1.939195
5	3	68.2	5	1464.0	1800.0	2.721246
6	3	66.3	11	1128.0	1616.0	3.315243
7	1	52.5	15	-	-	4.145902
8	3	63.5	15	1787.0	1244.0	4.649434
9	1	87.4	12	-	-	5.485023
10	2	94.8	11	1868.0	-	5.743829
11	3	69.1	7	1342.0	1132.0	6.400670
12	1	51.7	12	-	-	7.526442
13	2	68.8	17	1317.0	-	8.062578
14	2	59.0	7	1109.0	-	8.366168
15	2	90.3	18	1997.0	-	9.470107
16	2	67.0	19	1468.0	-	9.971099
17	2	96.4	18	1250.0	-	10.459192

Table 60 - 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 (Sec)
18	1	77.1	8	-	-	10.964020
19	2	56.4	19	1770.0	-	11.957790

Table 61 - 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 (Sec)
1	1	54.7	17	-	-	0.022639
2	3	89.2	7	1868.0	1182.0	0.845082
3	3	57.6	18	1505.0	1215.0	2.218158
4	3	55.1	5	1182.0	1767.0	2.514926
5	3	81.6	15	1424.0	1885.0	3.111902
6	2	82.7	5	1222.0	-	4.203004
7	2	86.3	12	1500.0	-	5.152524
8	2	84.8	7	1642.0	-	5.288063
9	2	89.0	17	1989.0	-	6.026459
10	1	53.8	17	-	-	7.439810
11	1	84.8	17	-	-	7.702428
12	2	66.3	20	1030.0	-	8.754835
13	3	80.1	5	1146.0	1114.0	9.006320
14	2	62.1	7	1814.0	-	10.186203
15	1	94.0	17	-	-	11.240797
16	2	56.5	6	1937.0	-	11.740432

Table 62 - n20_ Long Sequence Waveform Trial#12 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	55.7	10	-	-	0.467186
2	1	63.5	15	-	-	1.111677
3	3	90.5	18	1036.0	1408.0	1.480454
4	1	98.4	17	-	-	1.953662
5	2	96.6	16	1780.0	-	2.622436
6	2	76.0	17	1736.0	-	3.225905
7	3	53.0	7	1520.0	1660.0	4.018040
8	3	67.7	13	1234.0	1501.0	4.421989
9	2	64.3	8	1334.0	-	5.681210
10	3	75.1	9	1199.0	1435.0	6.175301
11	2	71.3	19	1344.0	-	6.643184
12	2	53.5	11	1424.0	-	7.346609
13	2	78.5	5	1190.0	-	7.823795
14	2	73.7	10	1687.0	-	8.686903
15	2	99.5	12	1812.0	-	8.983246
16	2	66.8	10	1895.0	-	9.670484
17	2	94.8	12	1062.0	-	10.262621
18	2	73.5	15	1572.0	-	11.210815
19	3	55.7	17	1434.0	1765.0	11.698012

Table 63 - n20_ Long Sequence Waveform Trial#13 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
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Table 63 - n20_ Long Sequence Waveform Trial#13 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	98.4	16	-	-	0.047549
2	3	95.7	17	1870.0	1592.0	1.169784
3	2	82.9	19	1515.0	-	1.308469
4	2	66.4	8	1217.0	-	2.283853
5	2	90.4	12	1627.0	-	2.586862
6	1	74.7	12	-	-	3.764274
7	1	56.2	10	-	-	4.265276
8	2	82.9	17	1103.0	-	4.954452
9	2	96.3	11	1250.0	-	5.482803
10	2	58.7	5	1324.0	-	5.993544
11	2	92.9	17	1194.0	-	6.786851
12	2	83.8	14	1030.0	-	7.357854
13	2	57.8	19	1276.0	-	7.868245
14	1	67.4	12	-	-	8.574689
15	3	84.4	18	1936.0	1586.0	8.932713
16	2	65.5	11	1166.0	-	9.498498
17	2	97.5	14	1114.0	-	10.339344
18	2	76.4	14	1094.0	-	11.291981
19	2	71.4	14	1267.0	-	11.976427

Table 64 - n20_ Long Sequence Waveform Trial#14 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	72.3	9	1035.0	-	0.344934
2	2	74.6	18	1709.0	-	1.229502
3	3	99.3	6	1944.0	1247.0	1.858799
4	1	50.2	11	-	-	1.901279
5	2	96.6	19	1849.0	-	2.745598
6	2	100.0	9	1294.0	-	3.435530
7	1	72.1	16	-	-	4.240375
8	3	83.4	12	1227.0	1752.0	4.921764
9	3	53.3	6	1389.0	1773.0	5.618290
10	1	63.9	16	-	-	6.258789
11	2	95.3	19	1451.0	-	6.397766
12	2	58.7	20	1645.0	-	7.420368
13	2	69.6	17	1658.0	-	8.175411
14	2	65.7	16	1925.0	-	8.257161
15	1	74.9	8	-	-	8.858105
16	2	80.7	9	1980.0	-	10.008287
17	3	78.1	8	1860.0	1882.0	10.530564
18	3	66.9	14	1924.0	1388.0	11.211109
19	1	75.3	19	-	-	11.928983

Table 65 - n20_ Long Sequence Waveform Trial#15 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	60.8	7	1210.0	-	0.391838
2	2	97.9	9	1969.0	-	0.650724
3	1	57.4	6	-	-	1.727845
4	2	60.1	6	1621.0	-	2.498320

Table 65 - n20_ Long Sequence Waveform Trial#15 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
5	3	88.4	5	1634.0	1169.0	3.041861
6	3	71.4	16	1138.0	1479.0	3.285035
7	2	62.0	15	1196.0	-	4.124126
8	3	67.3	12	1662.0	1248.0	4.460437
9	1	82.7	10	-	-	5.192217
10	3	96.0	12	1574.0	1483.0	6.134757
11	2	91.0	11	1398.0	-	6.440550
12	2	87.3	5	1542.0	-	7.074986
13	2	83.1	16	1273.0	-	8.176048
14	3	72.7	17	1655.0	1875.0	8.669678
15	3	83.5	7	1005.0	1818.0	8.993720
16	1	80.8	12	-	-	9.573644
17	1	63.2	13	-	-	10.563819
18	3	57.2	9	1127.0	1575.0	11.145796
19	3	78.2	12	1492.0	1586.0	11.396898

Table 66 - n20_ Long Sequence Waveform Trial#16 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	3	86.2	13	1004.0	1000.0	1.012956
2	3	79.7	7	1439.0	1165.0	2.783493
3	2	72.7	16	1781.0	-	3.911233
4	3	80.7	17	1626.0	1309.0	5.259537
5	3	64.1	16	1120.0	1606.0	6.302274
6	2	97.0	7	1628.0	-	8.674639
7	2	79.8	18	1169.0	-	9.576767
8	1	59.3	7	-	-	11.641986

Table 67 - n20_ Long Sequence Waveform Trial#17 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	3	91.1	16	1865.0	1687.0	0.637294
2	3	51.8	7	1389.0	1339.0	0.984716
3	2	67.7	9	1797.0	-	1.698234
4	3	67.7	16	1482.0	1652.0	2.416747
5	3	75.7	11	1163.0	1580.0	3.785390
6	3	85.5	20	1949.0	1996.0	4.360827
7	2	95.3	15	1634.0	-	5.054113
8	2	65.8	16	1645.0	-	6.382193
9	3	92.0	17	1666.0	1929.0	6.482789
10	2	72.5	18	1266.0	-	7.957618
11	2	65.0	17	1968.0	-	8.092536
12	1	56.9	13	-	-	9.455681
13	3	50.9	14	1860.0	1952.0	9.798239
14	2	89.9	11	1327.0	-	10.430964
15	2	63.6	9	1016.0	-	11.833444

Table 68 - n20_ Long Sequence Waveform Trial#18 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	3	55.3	14	1552.0	1187.0	0.184159
2	1	94.6	9	-	-	0.760666
3	1	50.9	17	-	-	1.489758
4	2	68.4	9	1955.0	-	2.060020
5	2	56.4	16	1221.0	-	3.075168
6	2	67.3	11	1923.0	-	3.432901
7	3	53.5	19	1011.0	1394.0	3.890158
8	2	71.8	18	1294.0	-	4.927672
9	3	93.7	19	1938.0	1654.0	5.616147
10	2	62.8	19	1815.0	-	5.924412
11	2	52.3	5	1653.0	-	6.325210
12	1	93.8	5	-	-	7.359996
13	2	61.6	19	1082.0	-	7.716512
14	2	79.3	5	1941.0	-	8.280127
15	2	67.4	10	1121.0	-	9.329761
16	2	56.4	8	1972.0	-	9.800865
17	3	56.7	16	1592.0	1956.0	10.705911
18	1	92.2	13	-	-	10.811296
19	2	90.1	18	1154.0	-	11.554170

Table 69 - n20_ Long Sequence Waveform Trial#19 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	3	94.3	17	1090.0	1240.0	0.140617
2	3	89.9	17	1665.0	1877.0	1.752269
3	2	58.9	16	1272.0	-	2.828784
4	1	66.9	11	-	-	3.376051
5	3	82.5	9	1895.0	1464.0	4.200964
6	1	92.4	17	-	-	5.018807
7	2	65.2	7	1992.0	-	6.581493
8	2	58.7	19	1598.0	-	7.001308
9	2	69.9	15	1230.0	-	8.073082
10	2	90.4	18	1043.0	-	9.186117
11	2	75.5	18	1509.0	-	10.870091
12	2	94.5	14	1795.0	-	11.556697

Table 70 - n20_ Long Sequence Waveform Trial#20 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	89.9	11	1737.0	-	0.084669
2	2	67.5	19	1632.0	-	1.125994
3	1	74.8	14	-	-	2.264999
4	1	60.1	8	-	-	3.815341
5	1	83.0	18	-	-	4.380031
6	2	70.8	19	1391.0	-	5.667903
7	3	93.0	12	1276.0	1450.0	6.995110
8	1	82.1	10	-	-	7.028148
9	1	79.5	12	-	-	8.072677
10	2	86.5	18	1600.0	-	9.688644
11	2	81.8	19	1076.0	-	10.933467
12	1	81.9	17	-	-	11.145211

Table 71 - n20_ Long Sequence Waveform Trial#21 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	78.7	6	1402.0	-	0.017211
2	2	98.2	8	1026.0	-	1.706290
3	2	62.7	18	1939.0	-	1.715579
4	1	68.1	16	-	-	3.173006
5	3	71.7	14	1242.0	1799.0	4.217075
6	1	99.8	20	-	-	4.402933
7	1	80.4	18	-	-	5.634359
8	2	89.1	19	1159.0	-	6.018493
9	3	53.5	13	1322.0	1357.0	7.676909
10	2	74.5	9	1633.0	-	8.260509
11	2	75.4	6	1502.0	-	8.647880
12	3	83.5	15	1326.0	1582.0	10.032858
13	2	59.5	11	1838.0	-	10.379361
14	3	64.8	7	1447.0	1297.0	11.515472

Table 72 - n20_ Long Sequence Waveform Trial#22 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	86.2	10	-	-	0.310648
2	3	85.6	17	1581.0	1358.0	1.886385
3	2	77.6	19	1553.0	-	4.117737
4	3	55.8	19	1940.0	1798.0	4.738055
5	2	57.8	11	1709.0	-	6.059146
6	2	53.1	11	1615.0	-	8.343937
7	3	84.5	5	1133.0	1663.0	10.287666
8	3	75.6	17	1511.0	1137.0	10.502073

Table 73 - n20_ Long Sequence Waveform Trial#23 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	73.3	16	-	-	0.679482
2	3	55.9	10	1404.0	1564.0	2.307347
3	2	97.9	16	1253.0	-	3.261556
4	3	52.5	19	1637.0	1952.0	4.490248
5	2	76.2	13	1170.0	-	5.412712
6	2	64.9	7	1019.0	-	6.195622
7	1	67.6	16	-	-	7.965183
8	3	88.2	20	1822.0	1583.0	9.413038
9	2	95.1	9	1474.0	-	10.261840
10	1	96.0	9	-	-	11.180788

Table 74 - n20_ Long Sequence Waveform Trial#24 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	72.5	19	-	-	0.292525
2	1	98.6	17	-	-	1.702815
3	3	73.0	11	1303.0	1504.0	2.451583
4	1	55.3	8	-	-	2.732639
5	2	88.0	12	1152.0	-	3.547019

Table 74 - n20_ Long Sequence Waveform Trial#24 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
6	1	88.3	10	-	-	4.319437
7	2	96.1	19	1352.0	-	5.157978
8	2	89.6	7	1157.0	-	6.769698
9	2	88.2	16	1822.0	-	7.135301
10	2	63.6	19	1811.0	-	7.755395
11	2	88.6	15	1151.0	-	9.027815
12	2	99.0	15	1243.0	-	9.841510
13	3	92.3	13	1569.0	1911.0	10.512476
14	2	71.0	9	1779.0	-	11.833740

Table 75 - n20_ Long Sequence Waveform Trial#25 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (us)
1	2	51.7	15	1174.0	-	0.748000
2	2	63.6	10	1495.0	-	1.273571
3	3	87.7	12	1567.0	1609.0	2.628341
4	3	98.9	5	1880.0	1883.0	3.164853
5	1	68.1	6	-	-	3.862080
6	2	79.1	20	1614.0	-	4.646432
7	3	57.0	13	1437.0	1904.0	5.956009
8	2	66.6	7	1431.0	-	7.126496
9	3	51.7	12	1869.0	1633.0	7.894862
10	1	80.8	14	-	-	8.989600
11	2	85.0	11	1661.0	-	9.378623
12	1	58.4	7	-	-	10.814713
13	2	78.5	7	1355.0	-	11.129394

Table 76 - n20_ Long Sequence Waveform Trial#26 (NOT Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	59.5	9	1974.0	-	0.011997
2	3	74.8	14	1672.0	1824.0	0.795610
3	3	70.6	17	1780.0	1034.0	1.766299
4	3	68.8	15	1727.0	1812.0	2.240966
5	3	99.8	6	1332.0	1282.0	2.847581
6	3	69.8	15	1767.0	1499.0	3.295169
7	1	81.3	11	-	-	4.128039
8	2	90.9	8	1203.0	-	4.460103
9	2	54.5	5	1094.0	-	5.265046
10	2	52.7	19	1473.0	-	6.297783
11	2	82.3	17	1271.0	-	6.640769
12	1	83.2	13	-	-	7.253212
13	2	78.0	10	1344.0	-	8.112296
14	2	65.5	14	1809.0	-	8.731692
15	2	71.7	15	1887.0	-	8.941264
16	1	71.0	14	-	-	9.699026
17	2	87.2	7	1232.0	-	10.684022
18	2	56.6	10	1867.0	-	11.326828
19	3	91.1	7	1925.0	1018.0	11.836909

Table 77 - n20_ Long Sequence Waveform Trial#27 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	2	58.2	18	1753.0	-	0.797950
2	1	51.3	13	-	-	2.173974
3	3	57.2	11	1847.0	1648.0	2.935928
4	2	63.3	11	1654.0	-	3.418008
5	2	51.3	9	1995.0	-	4.661609
6	2	55.3	19	1469.0	-	5.664166
7	2	79.6	17	1029.0	-	7.285776
8	2	97.7	17	1281.0	-	8.414084
9	1	81.9	11	-	-	9.049712
10	2	96.8	14	1875.0	-	10.526047
11	3	50.1	17	1698.0	1602.0	11.768389

Table 78 - n20_ Long Sequence Waveform Trial#28 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	1	81.6	7	-	-	0.495410
2	2	77.0	8	1920.0	-	2.241768
3	3	55.9	14	1576.0	1580.0	2.708370
4	2	63.6	7	1590.0	-	4.087094
5	1	81.3	9	-	-	4.963518
6	2	74.2	17	1010.0	-	6.880685
7	2	91.4	7	1534.0	-	7.852408
8	2	64.4	6	1406.0	-	9.564120
9	2	60.2	19	1649.0	-	10.312643
10	3	64.3	17	1734.0	1042.0	11.805656

Table 79 - n20_ Long Sequence Waveform Trial#29 (Detected)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
1	3	51.7	14	1809.0	1384.0	0.495742
2	2	63.7	11	1397.0	-	1.086375
3	1	63.5	19	-	-	2.060465
4	2	67.9	10	1922.0	-	2.659030
5	3	53.8	17	1995.0	1669.0	3.619524
6	1	86.5	11	-	-	4.683639
7	1	77.0	14	-	-	5.499048
8	2	83.3	9	1275.0	-	6.446741
9	1	67.2	14	-	-	7.547797
10	3	87.4	10	1774.0	1539.0	8.516154
11	2	76.9	7	1598.0	-	8.630616
12	1	87.9	6	-	-	9.917638
13	2	91.2	10	1500.0	-	10.929951
14	3	77.4	9	1417.0	1741.0	11.965302

Table 80 - 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 (Sec)
1	1	55.3	19	-	-	0.020937
2	2	70.8	12	1801.0	-	1.035948

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (Sec)
3	1	65.5	12	-	-	2.911922
4	2	54.1	5	1300.0	-	3.178236
5	1	96.1	12	-	-	4.245477
6	2	51.0	19	1486.0	-	5.585105
7	3	91.0	19	1194.0	1507.0	6.047239
8	3	68.7	15	1199.0	1587.0	7.000298
9	1	60.4	18	-	-	8.940650
10	2	54.9	10	1825.0	-	9.990014
11	3	79.9	5	1095.0	1315.0	10.526443
12	1	95.6	17	-	-	11.277645

Trial #	Pulses/Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5359, 5407, 5577, 5513, 5426, 5482, 5378, 5388, 5651, 5296, 5315, 5442, 5706, 5677, 5701, 5339, 5327, 5538, 5530, 5467, 5328, 5502, 5415, 5282, 5255, 5250, 5597, 5381, 5579, 5287, 5372, 5594, 5373, 5588, 5476, 5574, 5604, 5545, 5532, 5626, 5684, 5432, 5619, 5481, 5636, 5398, 5419, 5335, 5500, 5470, 5668, 5355, 5499, 5486, 5536, 5648, 5384, 5617, 5557, 5514, 5524, 5485, 5633, 5289, 5386, 5392, 5529, 5517, 5625, 5553, 5669, 5491, 5610, 5540, 5542, 5679, 5403, 5304, 5686, 5400, 5370, 5414, 5613, 5612, 5410, 5391, 5376, 5580, 5345, 5719, 5284, 5382, 5366, 5598, 5560, 5395, 5452, 5692, 5726, 5298 (4 hits) (02/13/2012 04:28:23 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
2	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5564, 5666, 5472, 5370, 5341, 5574, 5652, 5513, 5577, 5725, 5490, 5471, 5449, 5699, 5440, 5674, 5322, 5617, 5435, 5394, 5569, 5437, 5383, 5346, 5486, 5582, 5626, 5488, 5304, 5640, 5308, 5414, 5512, 5629, 5318, 5576, 5642, 5378, 5279, 5675, 5646, 5555, 5473, 5713, 5611, 5584, 5401, 5475, 5498, 5712, 5476, 5253, 5298, 5659, 5463, 5531, 5352, 5294, 5701, 5590, 5413, 5550, 5453, 5684, 5312, 5469, 5602, 5639, 5354, 5387, 5433, 5392, 5484, 5570, 5538, 5687, 5619, 5502, 5519, 5266, 5630, 5456, 5607, 5696, 5289, 5470, 5477, 5525, 5707, 5467, 5540, 5398, 5544, 5681, 5436, 5594, 5351, 5251, 5523, 5356 (3 hits) (02/13/2012 04:28:35 PM)
3	9	1.0	333.0	Yes	5490.0MHz, -64.0dBm	Hop sequence: 5690, 5409, 5461, 5574, 5627, 5487, 5400, 5327, 5628, 5526, 5410, 5385, 5590, 5339, 5672, 5402, 5641, 5532, 5446, 5307, 5380, 5679, 5299, 5601, 5451, 5502, 5610, 5301, 5292, 5634, 5724, 5571, 5685, 5363, 5664, 5697, 5649, 5536, 5630, 5368, 5441, 5651, 5560, 5711, 5723, 5309, 5285, 5682, 5279, 5351, 5492, 5485, 5318, 5365, 5547, 5284, 5659, 5347, 5468, 5639, 5587, 5708, 5262, 5718, 5392, 5358, 5387, 5597, 5437, 5572, 5499, 5258, 5345, 5576, 5625, 5646, 5439, 5256, 5374, 5442, 5321, 5709, 5706, 5529, 5378, 5317, 5585, 5352, 5603, 5599, 5425, 5315, 5665, 5619, 5251, 5714, 5337, 5505, 5681, 5493 (5 hits) (02/13/2012 04:28:43 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
4	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5315, 5418, 5496, 5565, 5556, 5719, 5652, 5497, 5521, 5701, 5661, 5537, 5478, 5328, 5371, 5716, 5374, 5324, 5528, 5334, 5559, 5618, 5668, 5509, 5684, 5286, 5606, 5587, 5579, 5721, 5553, 5678, 5532, 5697, 5577, 5703, 5413, 5261, 5415, 5439, 5702, 5288, 5429, 5575, 5322, 5417, 5670, 5379, 5700, 5320, 5313, 5265, 5487, 5271, 5650, 5598, 5294, 5375, 5725, 5586, 5339, 5389, 5669, 5644, 5437, 5524, 5489, 5280, 5633, 5445, 5677, 5252, 5426, 5580, 5557, 5717, 5267, 5318, 5538, 5257, 5358, 5299, 5590, 5427, 5539, 5256, 5527, 5624, 5465, 5516, 5366, 5658, 5362, 5609, 5599, 5555, 5423, 5436, 5250, 5643 (3 hits) (02/13/2012 04:28:50 PM)
5	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5566, 5396, 5596, 5440, 5673, 5585, 5623, 5529, 5547, 5588, 5377, 5349, 5525, 5289, 5582, 5677, 5723, 5502, 5693, 5340, 5314, 5628, 5257, 5612, 5404, 5655, 5540, 5374, 5470, 5261, 5300, 5651, 5464, 5268, 5687, 5624, 5331, 5636, 5333, 5717, 5459, 5380, 5647, 5521, 5496, 5514, 5554, 5702, 5332, 5322, 5286, 5475, 5393, 5321, 5384, 5558, 5559, 5635, 5580, 5457, 5534, 5597, 5551, 5645, 5603, 5553, 5700, 5362, 5346, 5310, 5520, 5420, 5709, 5720, 5270, 5577, 5512, 5657, 5590, 5255, 5595, 5692, 5428, 5618, 5450, 5662, 5271, 5313, 5544, 5604, 5474, 5586, 5473, 5707, 5601, 5664, 5536, 5433, 5372, 5523 (2 hits) (02/13/2012 04:28:57 PM)

Table 81 - 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	5493.0MHz, -64.0dBm	Hop sequence: 5485, 5346, 5675, 5625, 5621, 5713, 5393, 5500, 5336, 5605, 5448, 5631, 5434, 5528, 5437, 5574, 5629, 5618, 5288, 5664, 5571, 5530, 5381, 5454, 5724, 5406, 5285, 5462, 5320, 5338, 5390, 5300, 5540, 5601, 5351, 5557, 5283, 5286, 5670, 5266, 5502, 5593, 5392, 5687, 5583, 5577, 5435, 5484, 5472, 5347, 5418, 5469, 5407, 5279, 5331, 5457, 5570, 5471, 5317, 5686, 5309, 5256, 5624, 5498, 5275, 5663, 5679, 5573, 5422, 5463, 5322, 5623, 5341, 5413, 5552, 5535, 5486, 5533, 5442, 5373, 5348, 5332, 5644, 5549, 5662, 5276, 5561, 5438, 5709, 5429, 5296, 5720, 5281, 5495, 5466, 5492, 5308, 5272, 5387, 5368 (5 hits) (02/13/2012 04:29:04 PM)
7	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5343, 5488, 5476, 5378, 5328, 5417, 5674, 5478, 5304, 5316, 5610, 5399, 5494, 5364, 5508, 5710, 5693, 5435, 5557, 5570, 5349, 5615, 5400, 5575, 5279, 5286, 5655, 5345, 5358, 5704, 5657, 5461, 5319, 5271, 5365, 5715, 5392, 5341, 5308, 5289, 5539, 5280, 5376, 5573, 5612, 5377, 5443, 5600, 5561, 5410, 5472, 5257, 5640, 5362, 5469, 5633, 5627, 5305, 5375, 5562, 5500, 5525, 5599, 5366, 5636, 5584, 5536, 5387, 5444, 5718, 5428, 5571, 5374, 5348, 5671, 5395, 5668, 5532, 5611, 5484, 5630, 5554, 5680, 5670, 5516, 5691, 5436, 5314, 5512, 5441, 5333, 5359, 5487, 5256, 5503, 5406, 5513, 5602, 5419, 5390 (4 hits) (02/13/2012 04:29:11 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
8	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5663, 5470, 5639, 5443, 5452, 5622, 5458, 5701, 5412, 5655, 5664, 5261, 5678, 5355, 5683, 5569, 5637, 5343, 5250, 5711, 5266, 5692, 5725, 5284, 5381, 5375, 5580, 5333, 5406, 5709, 5581, 5269, 5258, 5635, 5551, 5264, 5615, 5339, 5529, 5332, 5726, 5705, 5511, 5641, 5626, 5713, 5592, 5510, 5479, 5647, 5277, 5561, 5442, 5447, 5401, 5710, 5429, 5476, 5386, 5544, 5263, 5550, 5546, 5432, 5612, 5684, 5260, 5667, 5538, 5555, 5534, 5337, 5299, 5389, 5365, 5718, 5542, 5471, 5393, 5400, 5322, 5426, 5556, 5273, 5552, 5702, 5548, 5422, 5679, 5359, 5492, 5300, 5723, 5571, 5539, 5689, 5290, 5276, 5576, 5662 (2 hits) (02/13/2012 04:29:19 PM)
9	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5675, 5506, 5710, 5439, 5665, 5680, 5717, 5559, 5721, 5536, 5477, 5345, 5375, 5280, 5662, 5323, 5715, 5541, 5678, 5261, 5315, 5625, 5327, 5600, 5319, 5281, 5321, 5673, 5402, 5497, 5495, 5631, 5454, 5259, 5677, 5528, 5610, 5725, 5377, 5608, 5551, 5310, 5666, 5322, 5531, 5485, 5308, 5431, 5295, 5521, 5464, 5500, 5260, 5313, 5562, 5264, 5535, 5312, 5349, 5696, 5502, 5637, 5351, 5586, 5325, 5270, 5664, 5689, 5538, 5580, 5318, 5341, 5616, 5581, 5527, 5699, 5649, 5303, 5251, 5492, 5437, 5504, 5364, 5501, 5566, 5461, 5701, 5250, 5309, 5599, 5412, 5458, 5467, 5476, 5583, 5292, 5360, 5545, 5577, 5440 (8 hits) (02/13/2012 04:29:29 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
10	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5716, 5392, 5429, 5384, 5351, 5281, 5583, 5358, 5608, 5540, 5419, 5693, 5636, 5443, 5679, 5488, 5667, 5467, 5533, 5396, 5304, 5492, 5689, 5361, 5537, 5471, 5357, 5539, 5473, 5260, 5551, 5446, 5319, 5482, 5722, 5507, 5335, 5469, 5675, 5479, 5393, 5352, 5639, 5626, 5434, 5280, 5704, 5559, 5673, 5580, 5634, 5493, 5284, 5333, 5648, 5600, 5691, 5294, 5303, 5491, 5431, 5254, 5259, 5635, 5684, 5272, 5414, 5337, 5470, 5332, 5404, 5592, 5269, 5276, 5378, 5309, 5399, 5596, 5422, 5387, 5423, 5603, 5535, 5605, 5323, 5710, 5282, 5444, 5290, 5706, 5694, 5468, 5275, 5273, 5522, 5680, 5320, 5536, 5705, 5447 (4 hits) (02/13/2012 04:29:39 PM)
11	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5314, 5417, 5547, 5578, 5474, 5655, 5306, 5662, 5657, 5663, 5373, 5289, 5566, 5494, 5721, 5692, 5513, 5416, 5712, 5274, 5499, 5613, 5477, 5328, 5562, 5693, 5514, 5685, 5666, 5284, 5619, 5656, 5432, 5706, 5523, 5272, 5262, 5611, 5586, 5539, 5401, 5370, 5380, 5593, 5550, 5638, 5443, 5430, 5386, 5565, 5337, 5612, 5660, 5429, 5615, 5674, 5374, 5627, 5450, 5360, 5558, 5275, 5352, 5344, 5310, 5351, 5403, 5623, 5329, 5502, 5254, 5672, 5518, 5332, 5428, 5726, 5458, 5505, 5639, 5503, 5691, 5594, 5300, 5605, 5616, 5557, 5271, 5688, 5622, 5724, 5487, 5387, 5563, 5687, 5584, 5298, 5664, 5682, 5701, 5397 (5 hits) (02/13/2012 04:29:49 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
12	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5334, 5416, 5431, 5692, 5457, 5674, 5278, 5366, 5446, 5309, 5545, 5618, 5263, 5466, 5679, 5620, 5532, 5680, 5649, 5471, 5443, 5490, 5326, 5401, 5271, 5383, 5314, 5541, 5424, 5685, 5553, 5488, 5361, 5627, 5292, 5480, 5602, 5640, 5678, 5634, 5404, 5493, 5622, 5643, 5677, 5704, 5707, 5565, 5436, 5270, 5665, 5724, 5556, 5655, 5542, 5295, 5528, 5261, 5333, 5482, 5552, 5267, 5390, 5700, 5621, 5592, 5549, 5500, 5331, 5589, 5698, 5599, 5706, 5434, 5647, 5433, 5701, 5300, 5343, 5432, 5664, 5439, 5388, 5590, 5395, 5391, 5311, 5609, 5617, 5448, 5305, 5691, 5520, 5498, 5276, 5342, 5280, 5429, 5406, 5566 (4 hits) (02/13/2012 04:29:56 PM)
13	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5717, 5521, 5627, 5667, 5403, 5349, 5680, 5376, 5605, 5546, 5513, 5446, 5348, 5665, 5442, 5490, 5714, 5610, 5383, 5482, 5561, 5557, 5500, 5483, 5600, 5314, 5426, 5400, 5590, 5477, 5268, 5450, 5598, 5293, 5545, 5270, 5660, 5399, 5453, 5281, 5668, 5361, 5692, 5441, 5645, 5524, 5492, 5571, 5373, 5285, 5286, 5479, 5685, 5354, 5551, 5449, 5301, 5705, 5310, 5528, 5368, 5554, 5697, 5275, 5341, 5631, 5583, 5512, 5567, 5537, 5661, 5398, 5331, 5664, 5431, 5607, 5708, 5553, 5295, 5566, 5720, 5307, 5357, 5434, 5712, 5594, 5632, 5616, 5701, 5706, 5718, 5643, 5325, 5699, 5534, 5461, 5515, 5686, 5552, 5564 (3 hits) (02/13/2012 04:30:03 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
14	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5579, 5322, 5627, 5692, 5355, 5665, 5723, 5482, 5618, 5370, 5522, 5703, 5467, 5397, 5404, 5292, 5575, 5724, 5281, 5716, 5437, 5572, 5425, 5444, 5455, 5613, 5693, 5399, 5320, 5608, 5382, 5653, 5385, 5543, 5610, 5390, 5711, 5611, 5697, 5293, 5277, 5527, 5669, 5464, 5376, 5442, 5690, 5680, 5254, 5325, 5582, 5637, 5622, 5508, 5606, 5403, 5268, 5676, 5474, 5428, 5614, 5488, 5720, 5338, 5392, 5336, 5337, 5559, 5725, 5632, 5306, 5351, 5681, 5695, 5662, 5540, 5701, 5416, 5473, 5640, 5547, 5679, 5493, 5656, 5453, 5555, 5360, 5388, 5313, 5324, 5624, 5658, 5682, 5504, 5721, 5407, 5377, 5472, 5514, 5620 (3 hits) (02/13/2012 04:30:12 PM)
15	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5321, 5673, 5449, 5305, 5501, 5390, 5591, 5599, 5689, 5435, 5284, 5664, 5327, 5456, 5667, 5626, 5601, 5592, 5493, 5575, 5576, 5364, 5391, 5562, 5615, 5560, 5663, 5598, 5656, 5357, 5555, 5331, 5655, 5552, 5623, 5417, 5368, 5296, 5299, 5632, 5287, 5381, 5339, 5388, 5585, 5442, 5648, 5685, 5503, 5630, 5323, 5378, 5554, 5620, 5329, 5614, 5306, 5308, 5405, 5672, 5605, 5671, 5495, 5302, 5636, 5400, 5625, 5366, 5602, 5336, 5609, 5447, 5363, 5316, 5288, 5362, 5402, 5675, 5352, 5658, 5465, 5608, 5303, 5423, 5581, 5399, 5451, 5543, 5638, 5644, 5438, 5494, 5444, 5278, 5617, 5254, 5725, 5574, 5699, 5719 (5 hits) (02/13/2012 04:30:22 PM)

Table 81 - 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	5503.0MHz, -64.0dBm	Hop sequence: 5712, 5451, 5355, 5424, 5346, 5490, 5658, 5515, 5650, 5318, 5678, 5569, 5279, 5708, 5557, 5321, 5549, 5341, 5522, 5568, 5286, 5315, 5411, 5666, 5636, 5701, 5413, 5592, 5533, 5381, 5671, 5555, 5563, 5535, 5347, 5319, 5676, 5438, 5689, 5719, 5506, 5378, 5376, 5274, 5503, 5299, 5369, 5336, 5264, 5541, 5374, 5337, 5723, 5590, 5556, 5430, 5428, 5656, 5518, 5295, 5327, 5407, 5267, 5367, 5585, 5352, 5461, 5303, 5317, 5433, 5659, 5408, 5613, 5316, 5681, 5306, 5546, 5691, 5688, 5542, 5619, 5291, 5509, 5610, 5314, 5447, 5445, 5683, 5598, 5523, 5255, 5486, 5638, 5705, 5383, 5544, 5646, 5292, 5644, 5379 (4 hits) (02/13/2012 04:30:30 PM)
17	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5293, 5310, 5668, 5355, 5326, 5535, 5395, 5276, 5715, 5302, 5301, 5526, 5363, 5566, 5250, 5382, 5304, 5388, 5469, 5371, 5323, 5666, 5499, 5565, 5515, 5533, 5428, 5546, 5674, 5356, 5259, 5710, 5336, 5590, 5366, 5660, 5500, 5335, 5318, 5405, 5695, 5384, 5540, 5507, 5442, 5494, 5514, 5598, 5529, 5721, 5477, 5333, 5624, 5266, 5524, 5478, 5722, 5449, 5545, 5678, 5279, 5345, 5357, 5341, 5322, 5305, 5683, 5496, 5386, 5627, 5581, 5628, 5424, 5536, 5633, 5647, 5586, 5725, 5504, 5417, 5325, 5518, 5648, 5267, 5596, 5690, 5552, 5584, 5658, 5705, 5287, 5331, 5561, 5680, 5277, 5270, 5549, 5621, 5568, 5654 (6 hits) (02/13/2012 04:30:37 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
18	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5579, 5279, 5314, 5715, 5489, 5320, 5513, 5330, 5626, 5706, 5298, 5523, 5480, 5545, 5627, 5304, 5376, 5338, 5630, 5316, 5469, 5433, 5515, 5476, 5360, 5336, 5358, 5668, 5500, 5505, 5405, 5624, 5253, 5260, 5577, 5589, 5352, 5643, 5425, 5430, 5351, 5321, 5404, 5286, 5478, 5296, 5543, 5707, 5326, 5621, 5379, 5383, 5712, 5348, 5367, 5686, 5517, 5590, 5497, 5695, 5411, 5292, 5616, 5372, 5487, 5475, 5642, 5512, 5254, 5428, 5448, 5538, 5704, 5671, 5402, 5343, 5603, 5698, 5364, 5716, 5701, 5470, 5356, 5597, 5398, 5432, 5561, 5426, 5413, 5303, 5713, 5449, 5479, 5347, 5551, 5393, 5423, 5702, 5526, 5378 (3 hits) (02/13/2012 04:30:44 PM)
19	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5480, 5415, 5304, 5666, 5551, 5528, 5391, 5665, 5609, 5308, 5577, 5589, 5343, 5625, 5405, 5541, 5367, 5677, 5389, 5444, 5386, 5278, 5428, 5323, 5435, 5536, 5693, 5493, 5270, 5657, 5377, 5622, 5286, 5422, 5602, 5255, 5484, 5401, 5276, 5357, 5614, 5629, 5394, 5687, 5553, 5447, 5388, 5675, 5591, 5454, 5350, 5450, 5678, 5644, 5305, 5664, 5613, 5252, 5720, 5383, 5723, 5374, 5325, 5269, 5324, 5635, 5331, 5316, 5473, 5656, 5633, 5327, 5512, 5722, 5631, 5411, 5529, 5514, 5511, 5266, 5436, 5346, 5396, 5699, 5267, 5505, 5334, 5571, 5696, 5299, 5295, 5648, 5670, 5694, 5525, 5368, 5552, 5583, 5446, 5637 (2 hits) (02/13/2012 04:30:51 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
20	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5666, 5602, 5359, 5506, 5318, 5517, 5694, 5562, 5365, 5420, 5255, 5532, 5647, 5270, 5642, 5281, 5295, 5530, 5667, 5535, 5468, 5443, 5547, 5640, 5502, 5456, 5413, 5702, 5317, 5633, 5591, 5363, 5617, 5265, 5354, 5685, 5569, 5606, 5407, 5624, 5555, 5259, 5280, 5451, 5707, 5361, 5453, 5709, 5710, 5382, 5325, 5305, 5267, 5324, 5368, 5282, 5293, 5494, 5514, 5395, 5718, 5479, 5264, 5452, 5440, 5424, 5579, 5312, 5302, 5595, 5526, 5355, 5537, 5690, 5411, 5406, 5513, 5311, 5662, 5675, 5601, 5613, 5379, 5664, 5275, 5369, 5699, 5548, 5636, 5678, 5509, 5686, 5540, 5723, 5483, 5500, 5503, 5593, 5544, 5536 (6 hits) (02/13/2012 04:30:59 PM)
21	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5419, 5643, 5430, 5719, 5433, 5541, 5495, 5380, 5299, 5601, 5632, 5545, 5687, 5349, 5702, 5485, 5407, 5678, 5305, 5557, 5667, 5425, 5528, 5401, 5659, 5654, 5271, 5688, 5488, 5663, 5370, 5386, 5479, 5376, 5293, 5672, 5350, 5690, 5617, 5644, 5449, 5328, 5277, 5344, 5655, 5686, 5423, 5470, 5709, 5371, 5723, 5584, 5474, 5381, 5275, 5355, 5633, 5255, 5580, 5548, 5503, 5473, 5521, 5618, 5610, 5726, 5260, 5465, 5519, 5281, 5384, 5404, 5422, 5537, 5448, 5314, 5506, 5283, 5715, 5366, 5301, 5265, 5622, 5337, 5460, 5411, 5564, 5253, 5288, 5612, 5442, 5573, 5676, 5475, 5648, 5427, 5530, 5472, 5382, 5515 (3 hits) (02/13/2012 04:31:06 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
22	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5588, 5250, 5433, 5257, 5360, 5352, 5495, 5446, 5390, 5262, 5659, 5260, 5273, 5538, 5652, 5699, 5398, 5719, 5465, 5413, 5532, 5356, 5355, 5671, 5425, 5509, 5455, 5306, 5683, 5428, 5648, 5595, 5629, 5669, 5486, 5651, 5680, 5378, 5507, 5366, 5640, 5292, 5456, 5265, 5450, 5530, 5576, 5523, 5690, 5664, 5482, 5287, 5512, 5259, 5708, 5272, 5568, 5522, 5594, 5711, 5396, 5608, 5609, 5677, 5528, 5339, 5597, 5468, 5444, 5426, 5638, 5496, 5367, 5276, 5624, 5319, 5392, 5521, 5705, 5503, 5472, 5590, 5533, 5440, 5469, 5263, 5621, 5710, 5517, 5598, 5375, 5694, 5301, 5592, 5682, 5645, 5566, 5550, 5311, 5551 (5 hits) (02/13/2012 04:31:13 PM)
23	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5724, 5643, 5545, 5293, 5286, 5549, 5448, 5683, 5386, 5464, 5595, 5472, 5537, 5530, 5681, 5559, 5653, 5460, 5577, 5582, 5376, 5517, 5379, 5687, 5602, 5671, 5336, 5459, 5719, 5538, 5377, 5495, 5319, 5541, 5287, 5452, 5469, 5387, 5593, 5401, 5394, 5487, 5661, 5718, 5257, 5708, 5560, 5399, 5580, 5682, 5679, 5556, 5296, 5354, 5255, 5266, 5513, 5499, 5716, 5496, 5534, 5442, 5627, 5486, 5295, 5281, 5335, 5297, 5540, 5531, 5601, 5351, 5667, 5366, 5343, 5385, 5542, 5520, 5550, 5352, 5409, 5291, 5305, 5642, 5456, 5422, 5547, 5272, 5646, 5307, 5397, 5416, 5447, 5349, 5676, 5304, 5430, 5589, 5300, 5564 (3 hits) (02/13/2012 04:31:21 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
24	9	1.0	333.0	Yes	5490.0MHz, -64.0dBm	Hop sequence: 5714, 5611, 5281, 5425, 5463, 5570, 5653, 5396, 5542, 5592, 5519, 5443, 5578, 5478, 5562, 5712, 5471, 5599, 5413, 5480, 5423, 5686, 5711, 5378, 5251, 5580, 5537, 5411, 5367, 5665, 5718, 5560, 5636, 5629, 5485, 5284, 5326, 5514, 5322, 5440, 5294, 5398, 5464, 5535, 5377, 5339, 5419, 5608, 5429, 5719, 5696, 5328, 5298, 5612, 5314, 5648, 5702, 5679, 5455, 5337, 5355, 5473, 5315, 5477, 5541, 5380, 5271, 5439, 5302, 5361, 5393, 5707, 5456, 5291, 5301, 5510, 5705, 5503, 5630, 5694, 5365, 5481, 5704, 5344, 5436, 5631, 5536, 5259, 5528, 5405, 5465, 5449, 5412, 5644, 5269, 5620, 5460, 5305, 5381, 5492 (3 hits) (02/13/2012 04:31:27 PM)
25	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5459, 5418, 5296, 5338, 5280, 5309, 5544, 5272, 5611, 5585, 5269, 5507, 5381, 5414, 5311, 5443, 5489, 5549, 5329, 5725, 5603, 5540, 5653, 5294, 5448, 5639, 5397, 5331, 5256, 5317, 5383, 5445, 5467, 5335, 5542, 5266, 5723, 5449, 5618, 5532, 5673, 5482, 5530, 5569, 5511, 5715, 5503, 5314, 5557, 5494, 5462, 5343, 5560, 5518, 5444, 5284, 5396, 5323, 5651, 5365, 5700, 5395, 5390, 5496, 5597, 5437, 5720, 5454, 5274, 5399, 5412, 5393, 5356, 5619, 5595, 5631, 5641, 5263, 5681, 5546, 5672, 5468, 5293, 5416, 5504, 5321, 5379, 5624, 5697, 5616, 5270, 5282, 5573, 5259, 5577, 5452, 5325, 5378, 5688, 5666 (5 hits) (02/13/2012 04:31:34 PM)

Table 81 - 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	5492.0MHz, -64.0dBm	Hop sequence: 5659, 5331, 5403, 5512, 5294, 5514, 5570, 5714, 5251, 5708, 5567, 5693, 5430, 5641, 5401, 5275, 5379, 5660, 5698, 5473, 5477, 5486, 5656, 5387, 5623, 5395, 5574, 5625, 5487, 5287, 5266, 5673, 5458, 5397, 5595, 5538, 5375, 5334, 5557, 5675, 5627, 5413, 5720, 5712, 5349, 5456, 5464, 5517, 5589, 5491, 5470, 5605, 5377, 5681, 5450, 5636, 5558, 5441, 5531, 5631, 5367, 5355, 5417, 5485, 5504, 5645, 5568, 5384, 5479, 5263, 5520, 5394, 5326, 5274, 5433, 5449, 5559, 5253, 5617, 5652, 5385, 5556, 5350, 5422, 5591, 5668, 5590, 5666, 5572, 5494, 5510, 5581, 5277, 5540, 5339, 5619, 5611, 5378, 5283, 5414 (4 hits) (02/13/2012 04:31:41 PM)
27	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5577, 5299, 5367, 5620, 5422, 5500, 5292, 5487, 5709, 5492, 5271, 5607, 5705, 5270, 5547, 5264, 5576, 5387, 5362, 5490, 5281, 5659, 5360, 5584, 5319, 5297, 5258, 5672, 5551, 5475, 5624, 5489, 5710, 5691, 5429, 5520, 5296, 5401, 5452, 5653, 5385, 5384, 5688, 5560, 5508, 5388, 5585, 5615, 5600, 5641, 5634, 5571, 5586, 5417, 5473, 5617, 5546, 5482, 5399, 5697, 5329, 5633, 5340, 5463, 5371, 5324, 5674, 5498, 5531, 5351, 5650, 5707, 5493, 5312, 5428, 5309, 5355, 5685, 5663, 5625, 5455, 5395, 5431, 5567, 5619, 5686, 5575, 5628, 5414, 5416, 5699, 5635, 5608, 5631, 5449, 5483, 5379, 5602, 5382, 5554 (6 hits) (02/13/2012 04:31:48 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5388, 5378, 5376, 5440, 5305, 5563, 5636, 5303, 5315, 5308, 5532, 5562, 5319, 5573, 5252, 5250, 5441, 5683, 5581, 5521, 5405, 5582, 5322, 5395, 5616, 5558, 5646, 5599, 5261, 5400, 5347, 5703, 5418, 5712, 5337, 5566, 5706, 5670, 5608, 5596, 5295, 5354, 5637, 5327, 5588, 5669, 5612, 5449, 5539, 5523, 5627, 5353, 5648, 5635, 5682, 5689, 5380, 5676, 5468, 5671, 5605, 5653, 5607, 5699, 5600, 5618, 5491, 5531, 5687, 5416, 5518, 5301, 5348, 5471, 5679, 5489, 5638, 5310, 5434, 5460, 5359, 5263, 5587, 5726, 5363, 5721, 5522, 5677, 5481, 5286, 5644, 5324, 5328, 5422, 5387, 5483, 5262, 5707, 5551, 5384 (1 hits) (02/13/2012 04:31:54 PM)
29	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5347, 5301, 5434, 5411, 5580, 5348, 5636, 5584, 5676, 5501, 5654, 5689, 5694, 5619, 5412, 5306, 5527, 5352, 5383, 5310, 5480, 5705, 5563, 5371, 5395, 5613, 5598, 5405, 5339, 5296, 5520, 5406, 5278, 5627, 5515, 5680, 5593, 5574, 5378, 5606, 5555, 5607, 5526, 5588, 5265, 5708, 5333, 5668, 5569, 5723, 5327, 5305, 5453, 5407, 5581, 5660, 5602, 5531, 5671, 5377, 5392, 5623, 5293, 5422, 5586, 5506, 5576, 5498, 5451, 5604, 5357, 5452, 5570, 5481, 5457, 5302, 5364, 5595, 5519, 5398, 5284, 5289, 5408, 5429, 5436, 5391, 5547, 5695, 5541, 5518, 5573, 5577, 5388, 5549, 5548, 5720, 5725, 5426, 5332, 5470 (3 hits) (02/13/2012 04:32:01 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
30	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5300, 5335, 5394, 5259, 5271, 5429, 5564, 5327, 5343, 5388, 5303, 5577, 5554, 5376, 5695, 5486, 5264, 5563, 5369, 5703, 5313, 5514, 5541, 5460, 5366, 5441, 5524, 5634, 5638, 5704, 5283, 5572, 5342, 5307, 5627, 5292, 5495, 5254, 5311, 5647, 5615, 5345, 5646, 5652, 5289, 5689, 5322, 5263, 5272, 5508, 5448, 5470, 5667, 5425, 5718, 5659, 5257, 5574, 5419, 5407, 5605, 5266, 5502, 5435, 5354, 5315, 5693, 5329, 5594, 5469, 5395, 5420, 5479, 5417, 5676, 5593, 5621, 5317, 5535, 5716, 5559, 5323, 5286, 5665, 5712, 5580, 5331, 5692, 5639, 5682, 5355, 5700, 5501, 5370, 5320, 5295, 5561, 5688, 5390, 5617 (4 hits) (02/13/2012 04:32:08 PM)
31	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5606, 5620, 5564, 5403, 5380, 5646, 5502, 5251, 5460, 5295, 5387, 5263, 5532, 5455, 5710, 5567, 5267, 5250, 5492, 5684, 5541, 5668, 5617, 5721, 5641, 5698, 5432, 5410, 5321, 5383, 5523, 5653, 5457, 5661, 5257, 5555, 5615, 5318, 5283, 5682, 5328, 5372, 5393, 5436, 5650, 5370, 5659, 5574, 5252, 5429, 5365, 5435, 5504, 5290, 5616, 5314, 5374, 5679, 5272, 5451, 5322, 5350, 5601, 5262, 5390, 5418, 5433, 5289, 5316, 5692, 5354, 5288, 5254, 5724, 5399, 5534, 5712, 5685, 5401, 5466, 5391, 5612, 5649, 5405, 5275, 5674, 5611, 5652, 5474, 5687, 5404, 5430, 5459, 5356, 5340, 5388, 5622, 5486, 5343, 5286 (3 hits) (02/13/2012 04:32:15 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
32	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5643, 5557, 5281, 5296, 5665, 5445, 5441, 5465, 5304, 5315, 5573, 5435, 5514, 5289, 5565, 5262, 5725, 5374, 5710, 5447, 5608, 5579, 5367, 5704, 5460, 5327, 5325, 5274, 5402, 5489, 5372, 5692, 5693, 5329, 5695, 5452, 5645, 5657, 5439, 5279, 5324, 5619, 5701, 5446, 5294, 5709, 5635, 5350, 5259, 5342, 5297, 5539, 5375, 5280, 5527, 5426, 5603, 5260, 5373, 5331, 5477, 5652, 5429, 5582, 5305, 5587, 5698, 5562, 5584, 5550, 5627, 5495, 5699, 5507, 5547, 5451, 5680, 5599, 5658, 5295, 5722, 5270, 5588, 5403, 5715, 5661, 5535, 5423, 5449, 5492, 5405, 5570, 5641, 5269, 5357, 5498, 5341, 5721, 5703, 5389 (4 hits) (02/13/2012 04:32:22 PM)
33	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5405, 5608, 5269, 5598, 5663, 5343, 5678, 5721, 5547, 5661, 5417, 5403, 5501, 5432, 5466, 5694, 5469, 5515, 5255, 5600, 5647, 5422, 5571, 5370, 5258, 5312, 5604, 5378, 5723, 5388, 5621, 5675, 5324, 5654, 5682, 5464, 5444, 5667, 5615, 5418, 5313, 5321, 5423, 5374, 5585, 5624, 5333, 5479, 5251, 5648, 5578, 5641, 5410, 5566, 5340, 5579, 5360, 5544, 5603, 5459, 5715, 5346, 5414, 5348, 5273, 5557, 5698, 5531, 5516, 5593, 5465, 5704, 5329, 5394, 5288, 5524, 5302, 5520, 5491, 5595, 5425, 5539, 5517, 5561, 5559, 5393, 5676, 5617, 5386, 5601, 5550, 5720, 5402, 5266, 5306, 5458, 5537, 5319, 5599, 5437 (2 hits) (02/13/2012 04:32:30 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
34	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5298, 5335, 5273, 5715, 5267, 5575, 5547, 5543, 5606, 5465, 5538, 5481, 5371, 5416, 5337, 5293, 5589, 5639, 5306, 5388, 5414, 5623, 5338, 5561, 5651, 5281, 5475, 5685, 5417, 5679, 5656, 5512, 5415, 5300, 5305, 5497, 5345, 5532, 5709, 5263, 5479, 5613, 5664, 5284, 5663, 5552, 5508, 5389, 5394, 5390, 5713, 5268, 5523, 5580, 5608, 5448, 5595, 5400, 5501, 5428, 5637, 5583, 5477, 5704, 5549, 5427, 5422, 5347, 5573, 5661, 5509, 5556, 5478, 5702, 5412, 5320, 5504, 5670, 5615, 5600, 5447, 5393, 5586, 5352, 5620, 5490, 5303, 5340, 5677, 5531, 5676, 5365, 5274, 5682, 5363, 5442, 5648, 5315, 5405, 5495 (7 hits) (02/13/2012 04:32:38 PM)
35	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5707, 5643, 5435, 5501, 5715, 5560, 5425, 5468, 5274, 5420, 5563, 5346, 5595, 5663, 5654, 5509, 5650, 5305, 5270, 5515, 5693, 5621, 5275, 5353, 5655, 5376, 5649, 5392, 5253, 5701, 5333, 5704, 5720, 5587, 5596, 5374, 5631, 5399, 5381, 5474, 5271, 5419, 5646, 5378, 5406, 5314, 5492, 5255, 5527, 5398, 5338, 5390, 5529, 5538, 5638, 5321, 5710, 5411, 5259, 5519, 5708, 5444, 5520, 5531, 5308, 5263, 5280, 5686, 5558, 5485, 5306, 5403, 5434, 5637, 5448, 5300, 5273, 5302, 5428, 5628, 5358, 5446, 5548, 5551, 5329, 5373, 5454, 5488, 5315, 5277, 5521, 5272, 5585, 5409, 5396, 5437, 5486, 5505, 5363, 5402 (4 hits) (02/13/2012 04:32:44 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
36	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5720, 5611, 5421, 5448, 5497, 5410, 5484, 5564, 5502, 5294, 5351, 5353, 5281, 5715, 5463, 5390, 5480, 5606, 5319, 5431, 5573, 5657, 5616, 5547, 5396, 5379, 5301, 5576, 5705, 5307, 5559, 5456, 5634, 5632, 5630, 5279, 5639, 5488, 5309, 5601, 5542, 5428, 5556, 5530, 5397, 5592, 5345, 5575, 5315, 5680, 5450, 5445, 5627, 5683, 5552, 5392, 5416, 5418, 5543, 5466, 5335, 5425, 5499, 5272, 5623, 5629, 5318, 5713, 5647, 5365, 5412, 5313, 5599, 5554, 5565, 5661, 5489, 5646, 5424, 5675, 5537, 5277, 5441, 5409, 5617, 5460, 5250, 5581, 5258, 5569, 5620, 5618, 5289, 5367, 5699, 5285, 5586, 5461, 5687, 5413 (3 hits) (02/13/2012 04:32:52 PM)
37	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5450, 5556, 5363, 5615, 5706, 5453, 5463, 5299, 5560, 5285, 5322, 5669, 5594, 5298, 5489, 5267, 5311, 5465, 5644, 5716, 5288, 5608, 5490, 5627, 5548, 5536, 5399, 5587, 5637, 5429, 5270, 5289, 5445, 5631, 5395, 5325, 5597, 5493, 5498, 5701, 5512, 5680, 5358, 5314, 5313, 5624, 5328, 5583, 5442, 5405, 5691, 5337, 5400, 5703, 5646, 5320, 5654, 5318, 5707, 5578, 5526, 5506, 5481, 5606, 5351, 5562, 5303, 5359, 5683, 5682, 5431, 5471, 5276, 5705, 5698, 5497, 5709, 5563, 5641, 5715, 5319, 5430, 5642, 5505, 5418, 5421, 5659, 5441, 5454, 5375, 5394, 5457, 5414, 5342, 5599, 5412, 5636, 5302, 5711, 5460 (6 hits) (02/13/2012 04:32:59 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
38	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5629, 5494, 5322, 5712, 5708, 5633, 5573, 5551, 5432, 5298, 5693, 5535, 5686, 5683, 5614, 5719, 5493, 5703, 5567, 5383, 5512, 5394, 5556, 5324, 5375, 5499, 5561, 5351, 5289, 5477, 5401, 5511, 5359, 5594, 5547, 5581, 5278, 5450, 5578, 5607, 5603, 5455, 5407, 5559, 5606, 5266, 5546, 5442, 5726, 5461, 5362, 5409, 5414, 5691, 5706, 5303, 5645, 5549, 5495, 5501, 5353, 5518, 5517, 5596, 5604, 5643, 5583, 5453, 5671, 5700, 5500, 5388, 5644, 5280, 5636, 5288, 5272, 5364, 5649, 5638, 5254, 5634, 5675, 5570, 5402, 5608, 5618, 5472, 5474, 5339, 5646, 5677, 5334, 5672, 5436, 5692, 5541, 5300, 5552, 5443 (6 hits) (02/13/2012 04:33:06 PM)
39	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5279, 5630, 5671, 5260, 5280, 5489, 5557, 5528, 5295, 5532, 5444, 5513, 5290, 5253, 5500, 5713, 5605, 5566, 5657, 5452, 5454, 5434, 5565, 5569, 5520, 5676, 5419, 5634, 5652, 5387, 5297, 5338, 5323, 5586, 5530, 5545, 5534, 5712, 5396, 5281, 5640, 5476, 5414, 5593, 5544, 5357, 5486, 5599, 5286, 5645, 5319, 5704, 5300, 5306, 5615, 5716, 5669, 5701, 5362, 5459, 5616, 5350, 5495, 5325, 5522, 5558, 5287, 5436, 5347, 5606, 5538, 5577, 5284, 5497, 5518, 5399, 5523, 5715, 5724, 5381, 5321, 5277, 5554, 5406, 5272, 5563, 5311, 5348, 5673, 5685, 5531, 5251, 5388, 5252, 5340, 5686, 5650, 5344, 5301, 5659 (3 hits) (02/13/2012 04:33:15 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
40	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5473, 5651, 5336, 5532, 5475, 5697, 5276, 5499, 5656, 5678, 5308, 5263, 5550, 5705, 5496, 5653, 5583, 5490, 5334, 5259, 5351, 5712, 5515, 5618, 5571, 5586, 5561, 5372, 5358, 5418, 5281, 5391, 5509, 5339, 5436, 5493, 5593, 5468, 5692, 5562, 5456, 5652, 5348, 5477, 5528, 5575, 5315, 5552, 5414, 5512, 5625, 5537, 5567, 5299, 5684, 5716, 5545, 5508, 5556, 5722, 5689, 5617, 5632, 5605, 5332, 5609, 5581, 5543, 5522, 5487, 5260, 5380, 5620, 5387, 5392, 5497, 5674, 5636, 5711, 5317, 5444, 5324, 5645, 5594, 5256, 5405, 5686, 5639, 5703, 5590, 5713, 5393, 5388, 5608, 5534, 5404, 5521, 5319, 5602, 5725 (7 hits) (02/13/2012 04:33:22 PM)
41	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5642, 5610, 5617, 5641, 5572, 5669, 5439, 5277, 5362, 5678, 5709, 5446, 5433, 5306, 5415, 5498, 5300, 5360, 5403, 5390, 5712, 5294, 5369, 5551, 5722, 5526, 5565, 5486, 5440, 5538, 5586, 5397, 5447, 5464, 5456, 5423, 5616, 5399, 5693, 5548, 5606, 5340, 5493, 5352, 5602, 5577, 5459, 5366, 5621, 5460, 5700, 5684, 5527, 5546, 5260, 5705, 5721, 5570, 5690, 5589, 5665, 5308, 5496, 5596, 5529, 5573, 5530, 5279, 5474, 5686, 5645, 5268, 5649, 5485, 5680, 5270, 5706, 5482, 5472, 5316, 5444, 5337, 5723, 5430, 5725, 5580, 5644, 5263, 5525, 5494, 5385, 5710, 5670, 5587, 5568, 5463, 5571, 5422, 5341, 5292 (4 hits) (02/13/2012 04:33:31 PM)

Table 81 - FCC frequency hopping radar (Type 6) Results n20_						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
42	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5704, 5445, 5576, 5421, 5509, 5639, 5654, 5489, 5255, 5369, 5454, 5703, 5580, 5397, 5322, 5338, 5627, 5724, 5491, 5617, 5452, 5620, 5502, 5579, 5722, 5405, 5547, 5536, 5266, 5357, 5522, 5366, 5308, 5586, 5359, 5334, 5305, 5496, 5633, 5601, 5368, 5546, 5709, 5286, 5294, 5317, 5311, 5712, 5598, 5702, 5532, 5435, 5544, 5342, 5332, 5516, 5298, 5684, 5675, 5719, 5427, 5665, 5367, 5379, 5699, 5629, 5474, 5341, 5394, 5457, 5326, 5515, 5603, 5570, 5672, 5550, 5352, 5667, 5437, 5693, 5706, 5425, 5287, 5495, 5476, 5360, 5314, 5626, 5698, 5325, 5453, 5396, 5692, 5259, 5527, 5386, 5713, 5646, 5519, 5663 (5 hits) (02/13/2012 04:33:41 PM)

Appendix C Test Data Tables and Plots for Channel Closing**FCC PART 15 SUBPART E Channel Closing Measurements**

Table 82 FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time ¹		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1, Access Point	0ms	60 ms	121ms	10 s	Pass
Radar Type 5, Access Point	0ms	60 ms	-464ms	10 s	Pass
Radar Type 1, Station	0ms	60 ms	124ms	10 s	Pass

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

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

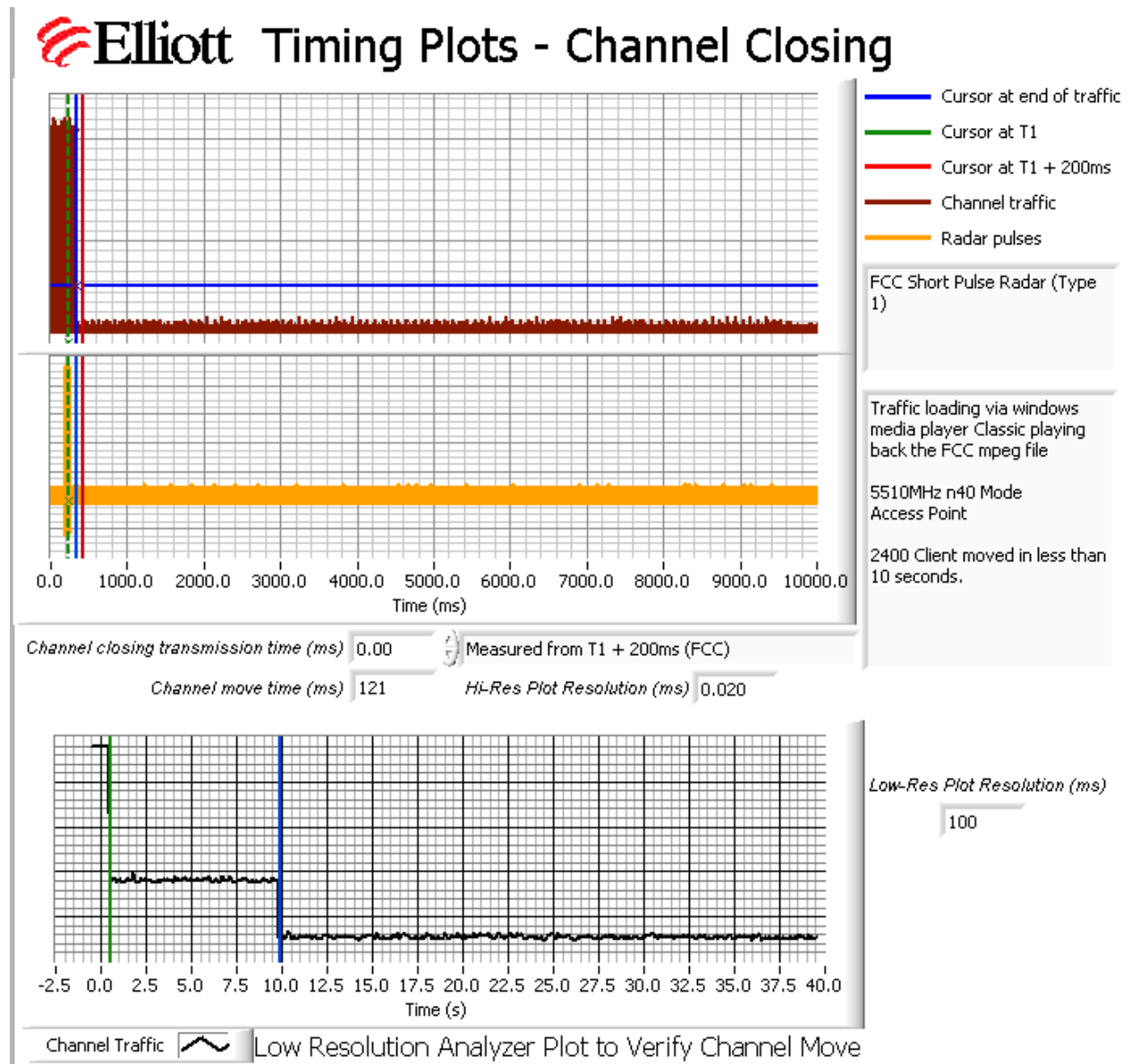


Figure 2 Channel Closing Time and Channel Move Time – 40 second plot, Access Point

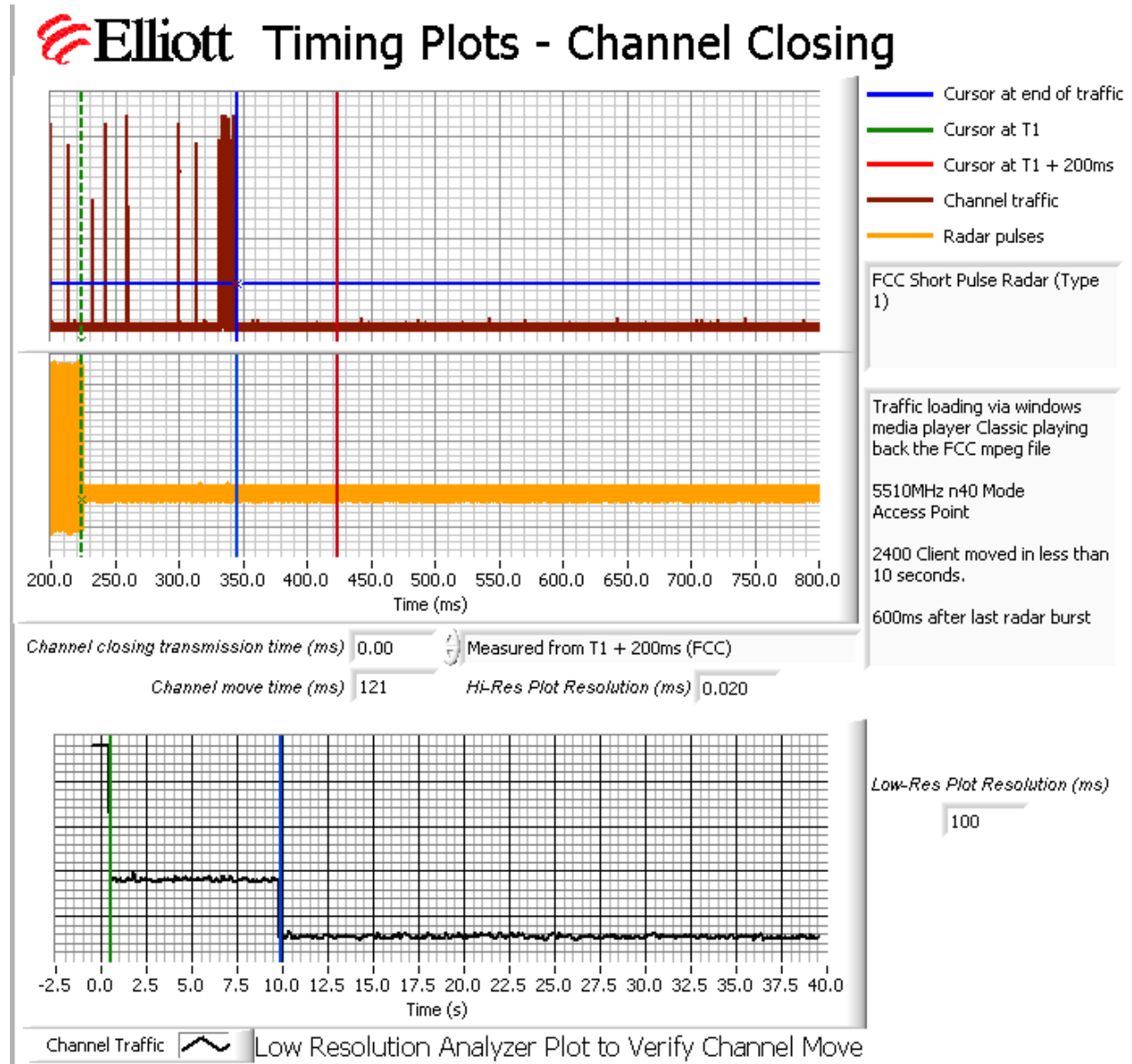


Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Access Point

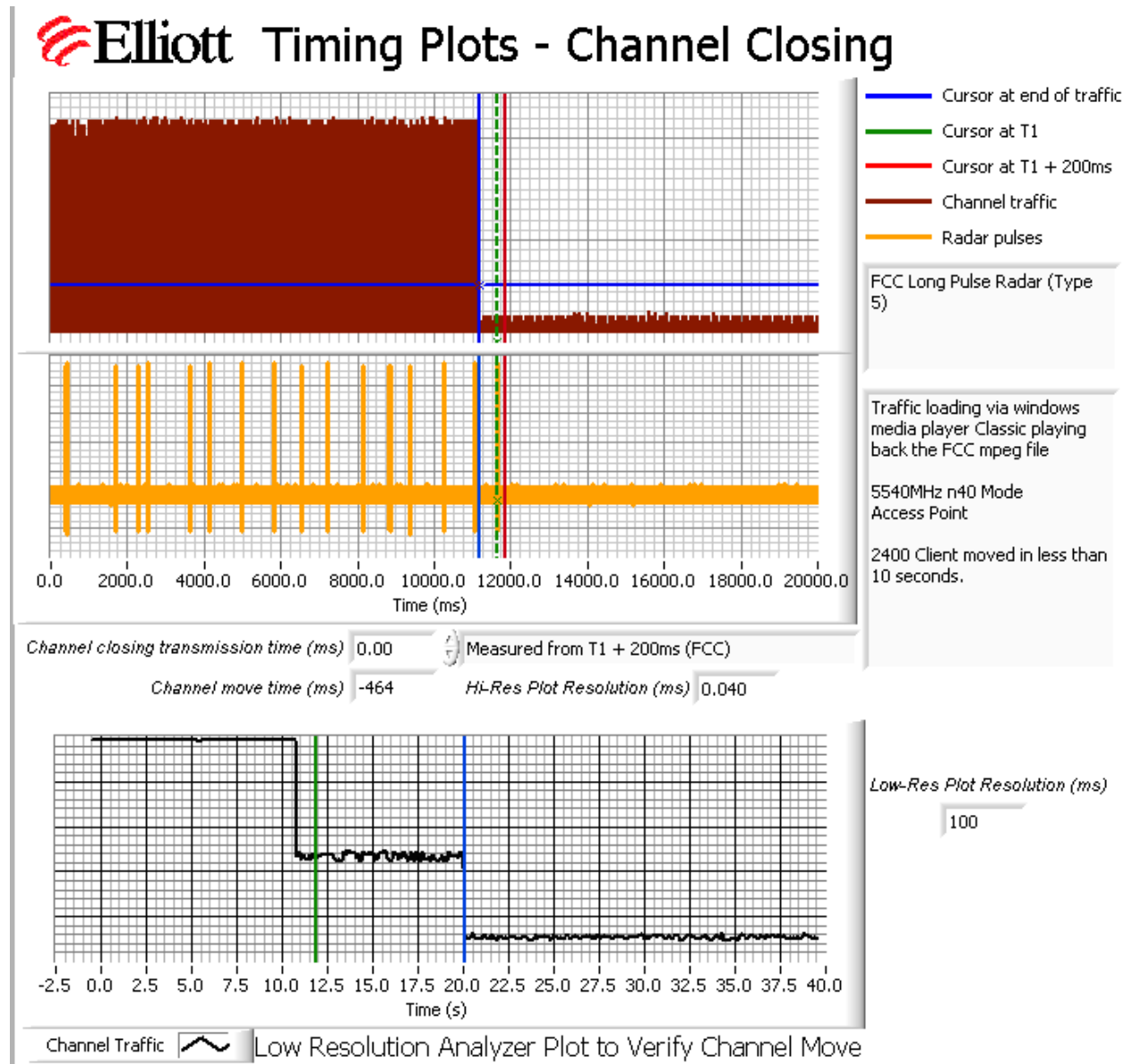


Figure 4 Channel Closing Time and Channel Move Time – 40 second plot, Access Point

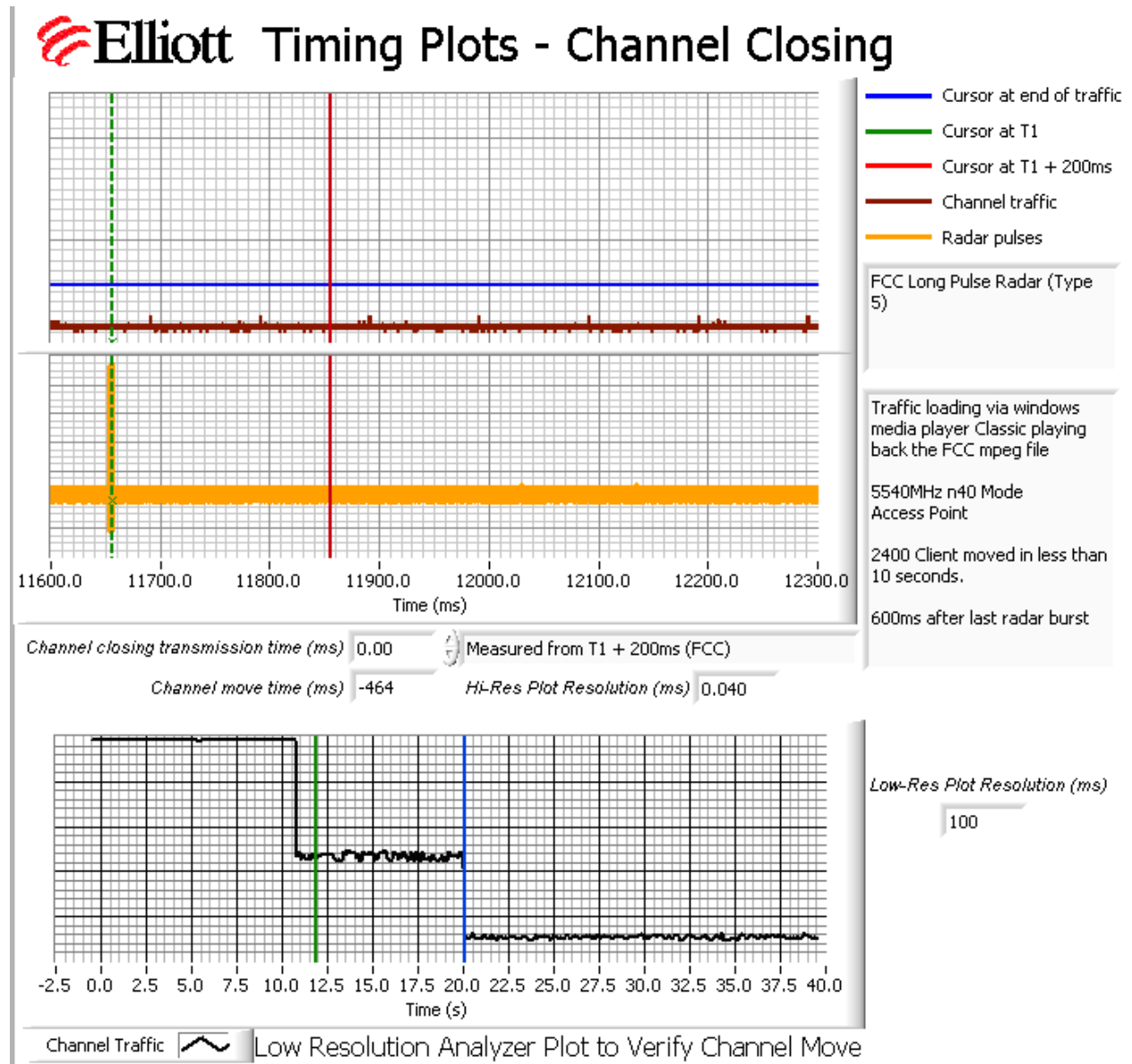


Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Access Point

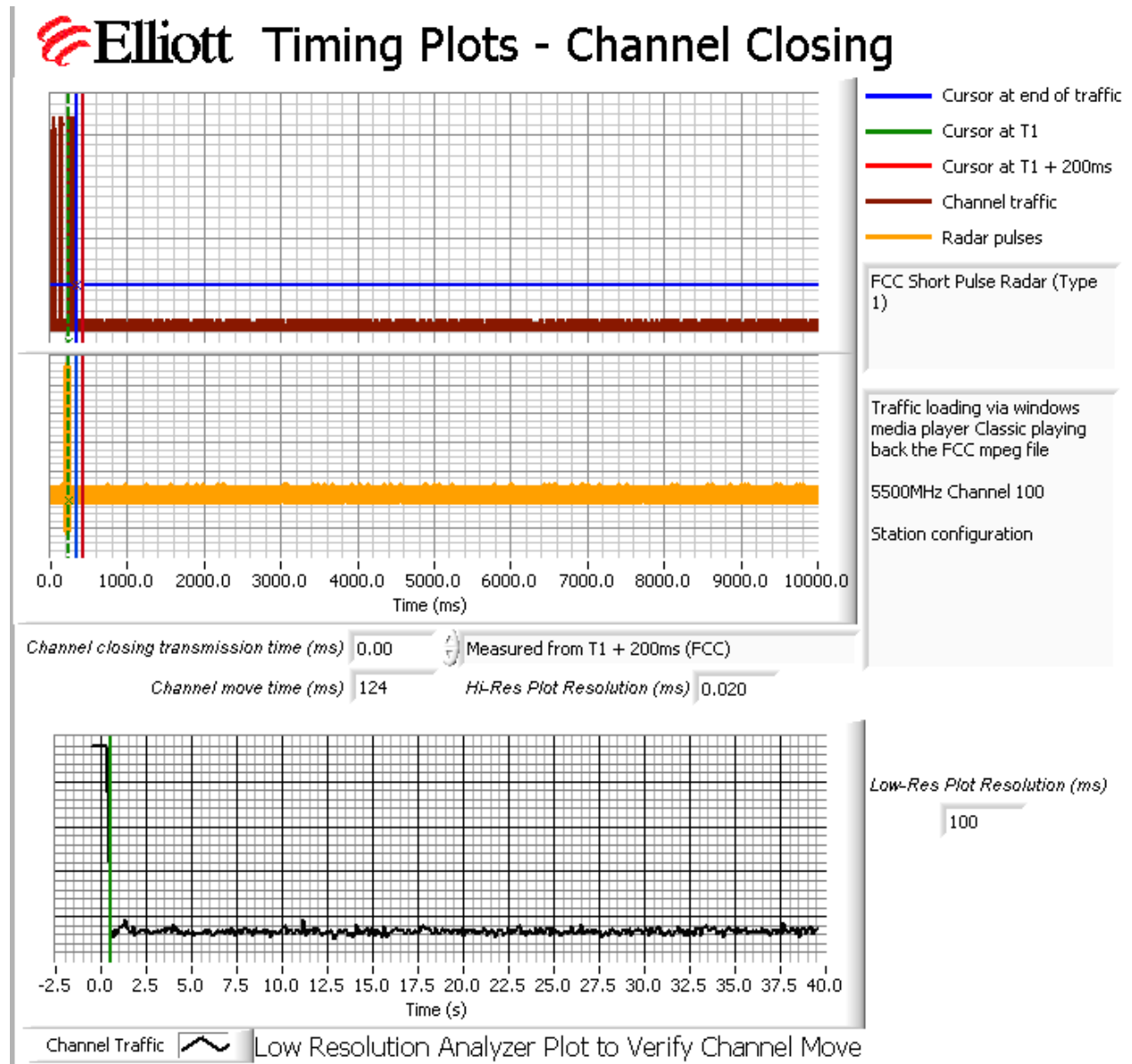


Figure 6 Channel Closing Time and Channel Move Time – 40 second plot, Station

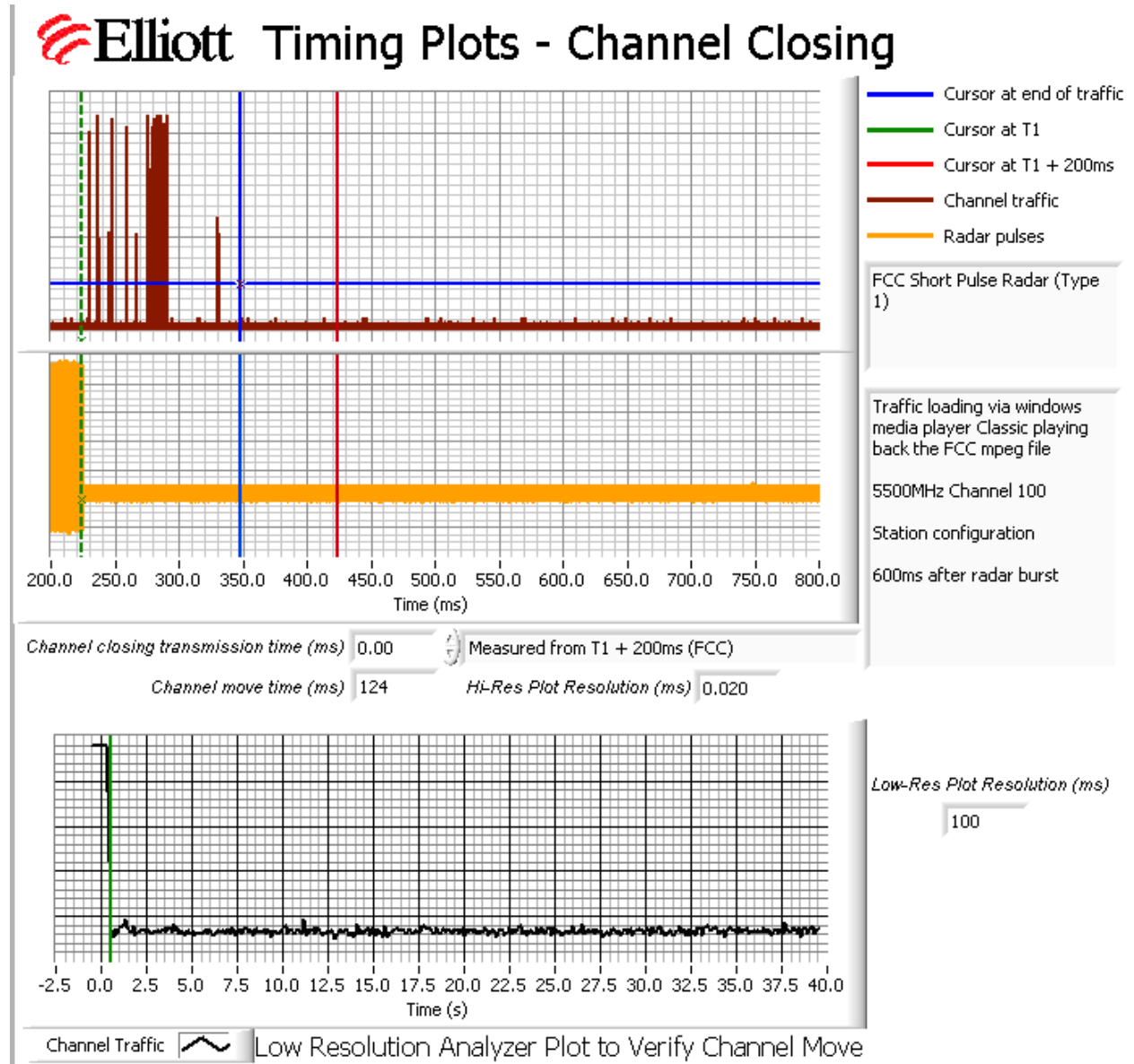


Figure 7 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar, Station

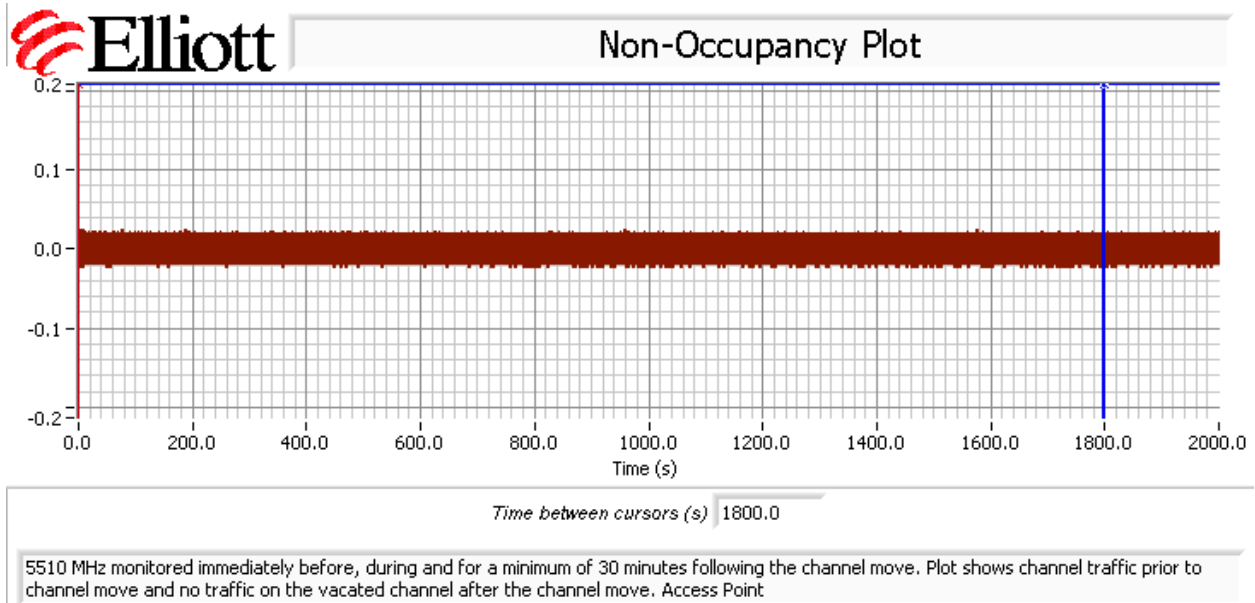


Figure 8 Radar Channel Non-Occupancy Plot, Access Point

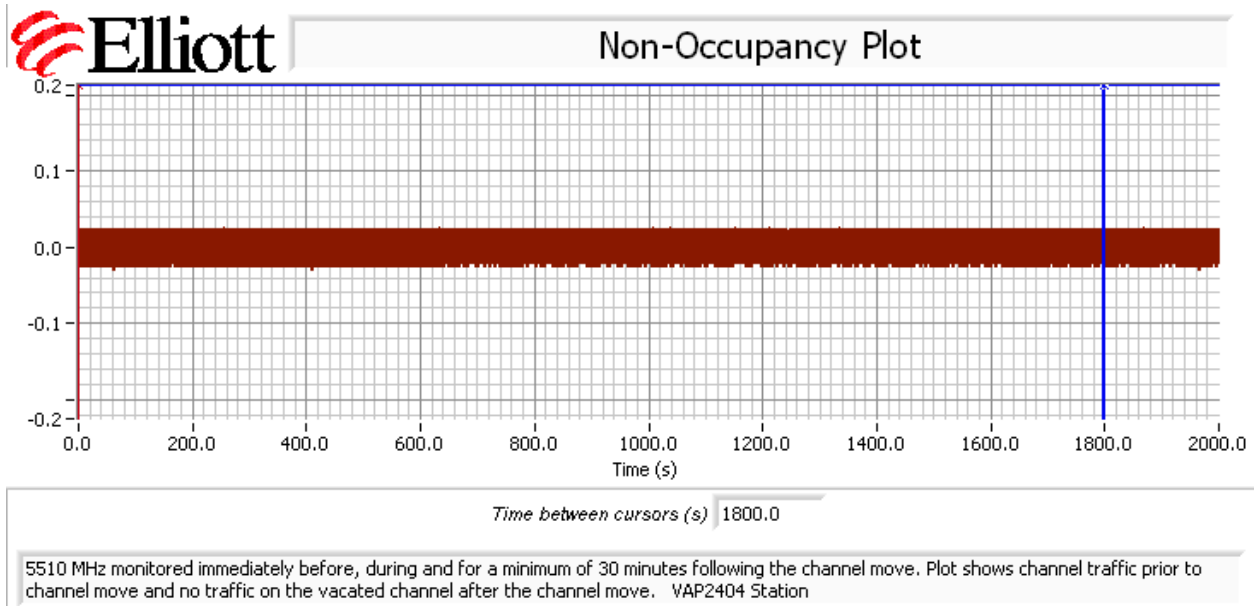


Figure 9 Radar Channel Non-Occupancy Plot, Station

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

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 restarting/power cycling 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

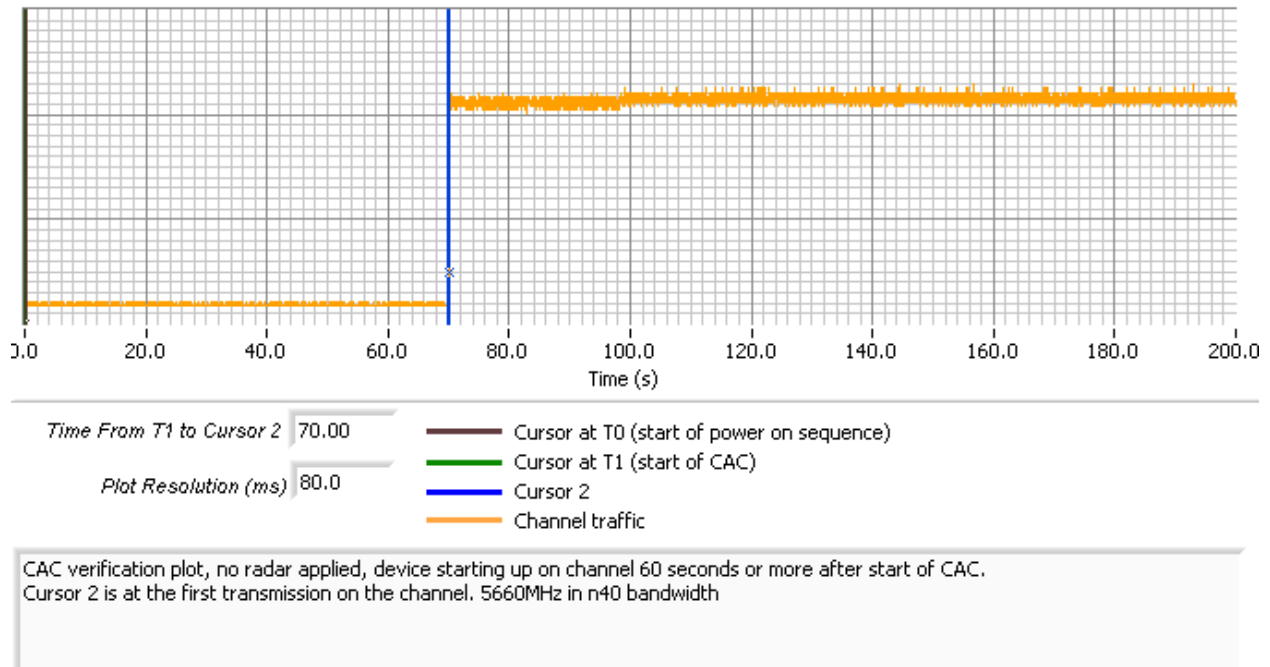


Figure 10 Plot of EUT Start-Up After CAC, 40MHz Bandwidth



Timing Plots - Channel Availability Check

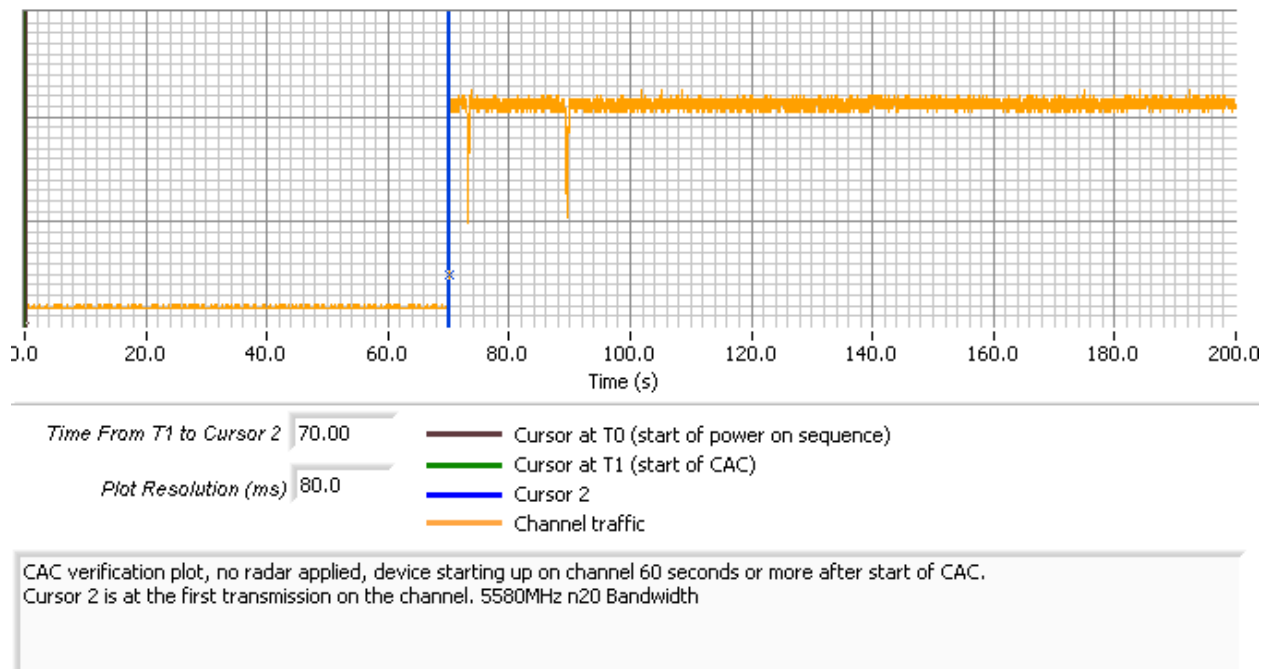


Figure 11 Plot of EUT Start-Up After CAC, 20MHz Bandwidth

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 (5510 MHz) and also on channel 112 (5560 MHz).

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

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



Timing Plots - Channel Availability Check

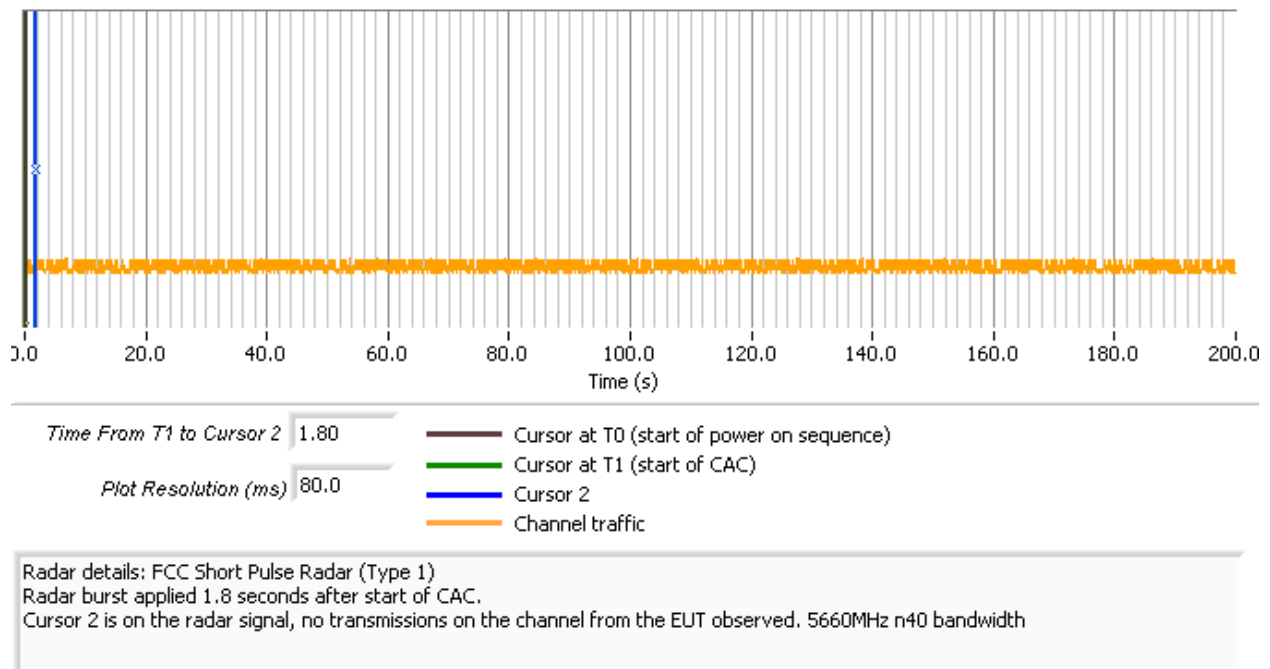


Figure 12 Radar Applied At Start of CAC, 40MHz Bandwidth



Timing Plots - Channel Availability Check

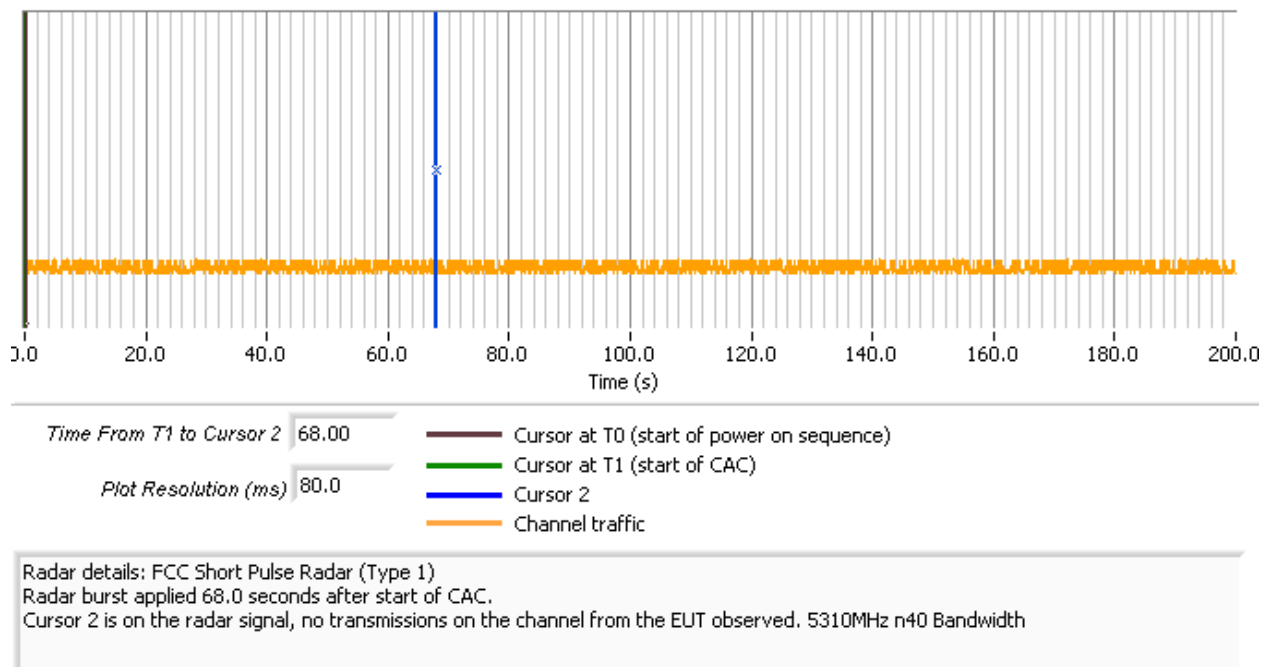


Figure 13 Radar Applied At End of CAC, 40MHz Bandwidth



Timing Plots - Channel Availability Check

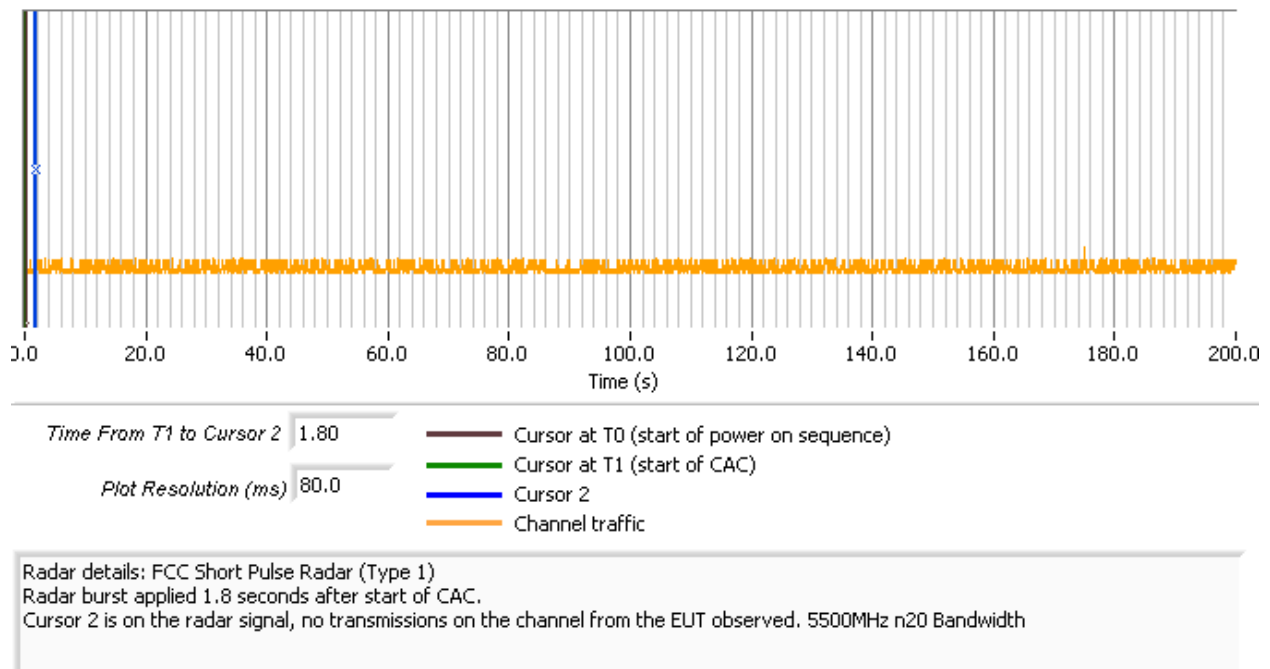


Figure 14 Radar Applied At Start of CAC, 20MHz Bandwidth



Timing Plots - Channel Availability Check

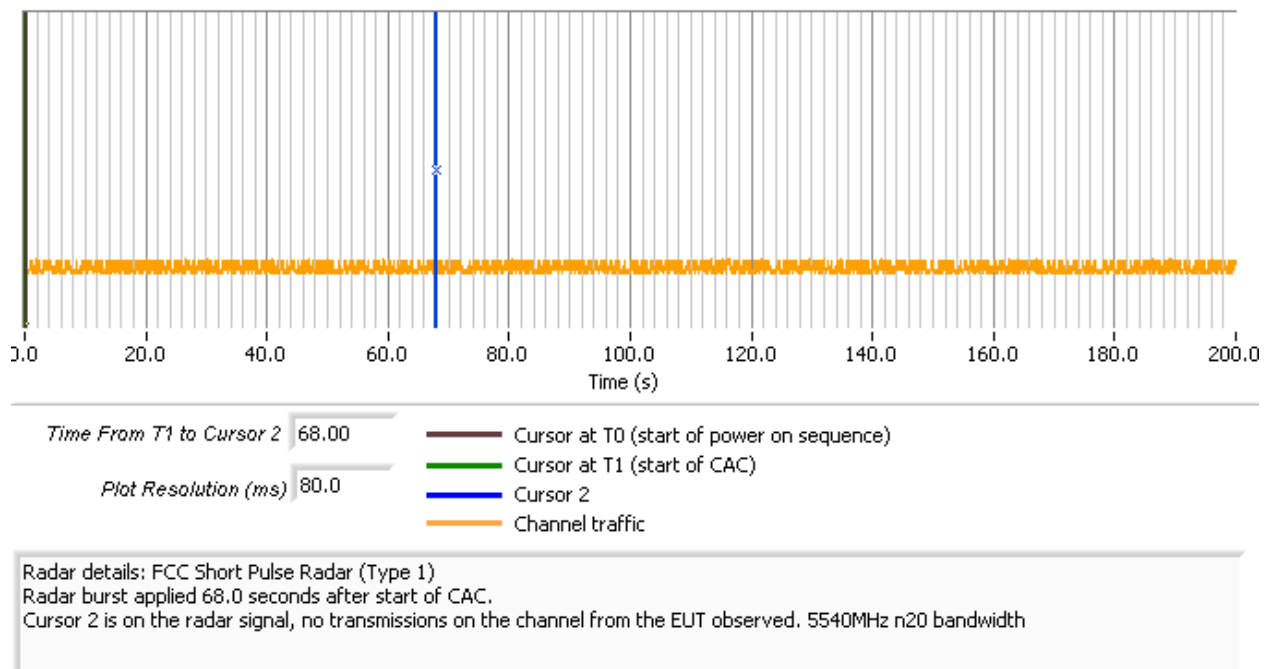


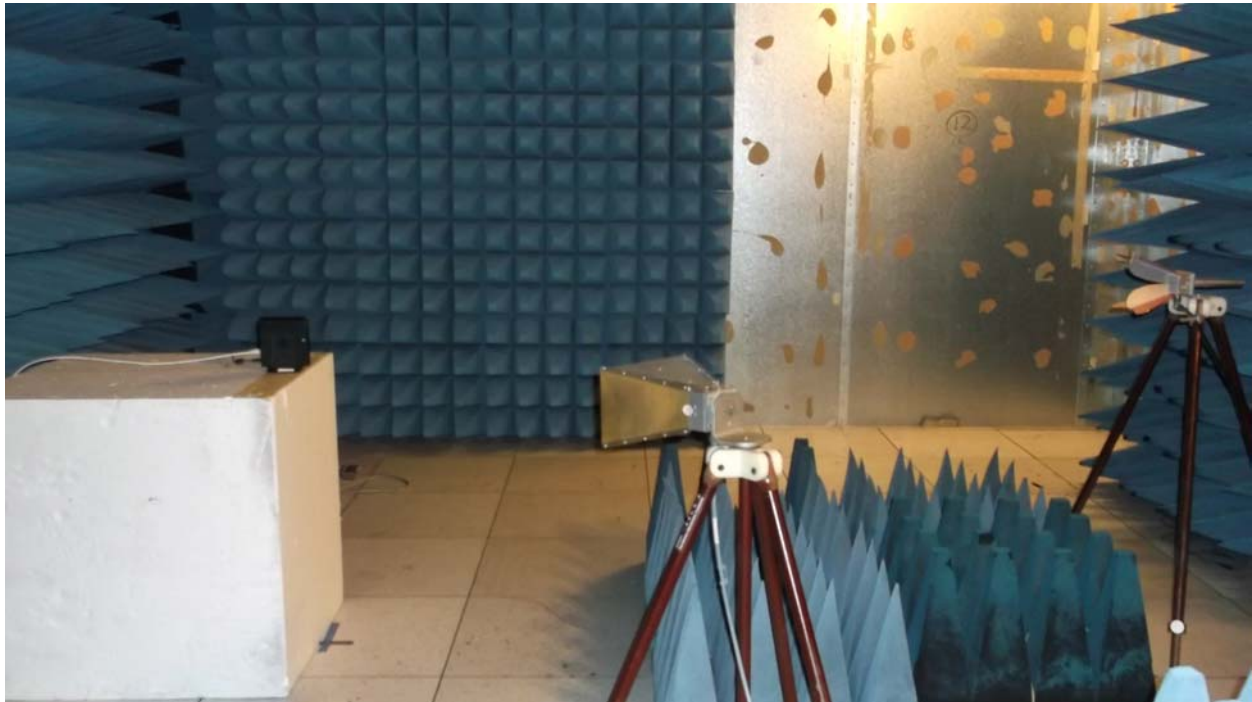
Figure 15 Radar Applied At End of CAC, 20MHz Bandwidth

Appendix E Test Data –Antenna Specification

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

Appendix F Test Configuration Photograph(s)

Access Point Monitored



Station Monitored (Client)

