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TEST REPORT

Covering the
DYNAMIC FREQUENCY SELECTION (DFS)
REQUIREMENTS
OF

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

Cambium Networks
Model(s): C054045C005A

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FINAL TEST DATE:	June 2 to 6, 2014
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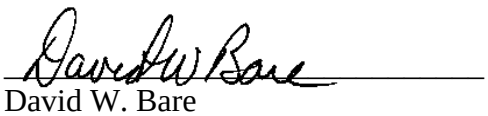

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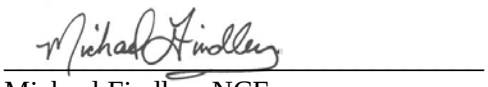

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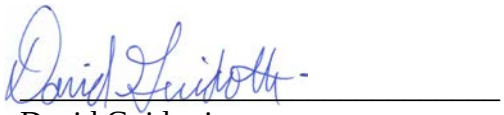

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REVISION HISTORY

Rev #	Date	Comments	Modified By
-	June 30, 2014	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.
- 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 including FCC KDB 848637 and the appendix to FCC 06-96 MO&O as outlined in NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Cambium Networks model C054045C005A and therefore apply only to the tested sample. The sample was selected and prepared by Steve Payne of Cambium Networks.

OBJECTIVE

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

STATEMENT OF COMPLIANCE

The tested sample of the Cambium Networks model C054045C005A complied with the DFS requirements of FCC Part 15.407(h)(2) and RSS-210 Annex 9.3.

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

DEVIATIONS FROM THE STANDARD

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

TEST RESULTS

TEST RESULTS SUMMARY – FCC Part 15, MASTER DEVICE

Table 1 - FCC Part 15 Subpart E Master Device (10 MHz Bandwidth operation) Test Result Summary						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5550 MHz	-55 dBm (See note 2)	-55dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	Varies	9 MHz	80% of the 99% BW	-	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	Pass
1) Tests were performed using the conducted test method. 2) The measured detection threshold is based on the master device having an antenna gain of 8 dBi. The limit is based on an eirp of more than 23 dBm. The 1 dB allowance in Table 3 of KDB 905462 D01 was used. 3) Channel Availability Check Time, Channel Close and Move Time and Non-occupancy period performed on maximum bandwidth operation only.						

Table 2 - FCC Part 15 Subpart E Master Device (20 MHz Bandwidth operation) Test Result Summary						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5550 MHz	60.4s	≥ 60s	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	5550 MHz	-55 dBm (note 2)	-55dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 1	Varies	19 MHz	80% of the 99% BW	-	Pass
Channel closing transmission time	Type 1 Type 5	5550 MHz	7.82 ms 0ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 1 Type 5	5550 MHz	0.32 -3.4	≤ 10s	Appendix C	Pass
Non-occupancy period	-	5550 MHz	> 30 minutes	> 30 minutes	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	Pass
1) Tests were performed using the conducted test method. 2) The measured detection threshold is based on the master device having an antenna gain of 8 dBi. The limit is based on an eirp of more than 23 dBm.						

TEST RESULTS SUMMARY – FCC Part 15, CLIENT DEVICE

Table 3 - 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	5550 MHz	8.62ms	≤ 60ms	Appendix C	Pass
Channel move time	Type 1	5550 MHz	0.34s	≤ 10s	Appendix C	Pass
Non-occupancy period - associated	Type 1	5550 MHz	> 30 minutes	> 30 minutes	Appendix C	Pass
Passive Scanning	N/A	N/A	Refer to manufacturer attestation			
1) Tests were performed using the conducted test method. 2) Channel availability check, bandwidth detection and detection threshold 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

EQUIPMENT UNDER TEST (EUT) DETAILS

GENERAL

The Cambium Networks model C054045C005A is an enhanced Point to Multipoint 802.11 frame based wireless radio system. The C054045C005A is part of a managed network professionally installed.

The sample was received on June 1, 2014 and tested on June 2 to 6, 2014. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Cambium Networks	C054045C005A	Master	6069PS0D1L
Phihong	PSA15R-295(MOT)	Master PS	N/A
Cambium Networks	C054045C005A	Client	6069PS0CXR
Phihong	PSA15R-295(MOT)	Client PS	N/A

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)	8	8
Highest Antenna Gain (dBi)	8	8
EIRP Output Power (dBm)	24	24

☒ Power can exceed 200mW eirp

Channel Protocol

☐ IP Based

☒ Frame Based

ENCLOSURE

The EUT enclosure measures approximately 8.5 by 22 by 3.5 centimeters. It is primarily constructed of uncoated plastic.

MODIFICATIONS

The EUT required the following modifications in order to comply with the requirements of the standard(s) referenced in this test report.

Software changes to the DFS settings needed to pass. This will be implemented in new release Software Version 13.0

SUPPORT EQUIPMENT

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

Manufacturer	Model	Description	Serial Number	FCC ID
Cambium Networks	C054045C005A	Station Radio (conducted mode testing)	6069PS0CXR	Z8H89FT0001
Dell	PP02X	Laptop Computer	07898349890344	DoC
Cambium Networks	C054045C005A	*Access Point Radio (conducted mode testing)*	*6069PS0D1L*	Z8H89FT0001
Motorola	ML910	Laptop Computer	3433JG0021	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)
POE output	EUT Ethernet port	Cat 5e	Unshielded	1
Ethernet	POE input	Cat 5e	Unshielded	10
POE output	EUT Ethernet port	Cat 5e	Unshielded	1
Ethernet	POE input	Cat 5e	Unshielded	10

EUT OPERATION

The EUT was operating with the following software. The software is secured by digital software signature, anti-cloning mechanism and hardware security bits to prevent the user from disabling the DFS function.

Master Device: Software Version 13.0

Client Device: Software Version 13.0

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 monitored after boot up sequence.

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 KDB 905462 D01.

RADAR WAVEFORMS

Table 4 - 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 5 - 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 6 - FCC Frequency Hopping Radar Test Waveforms							
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses / hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Detection Percentage	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

DFS TEST METHODS

CONDUCTED TEST METHOD

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

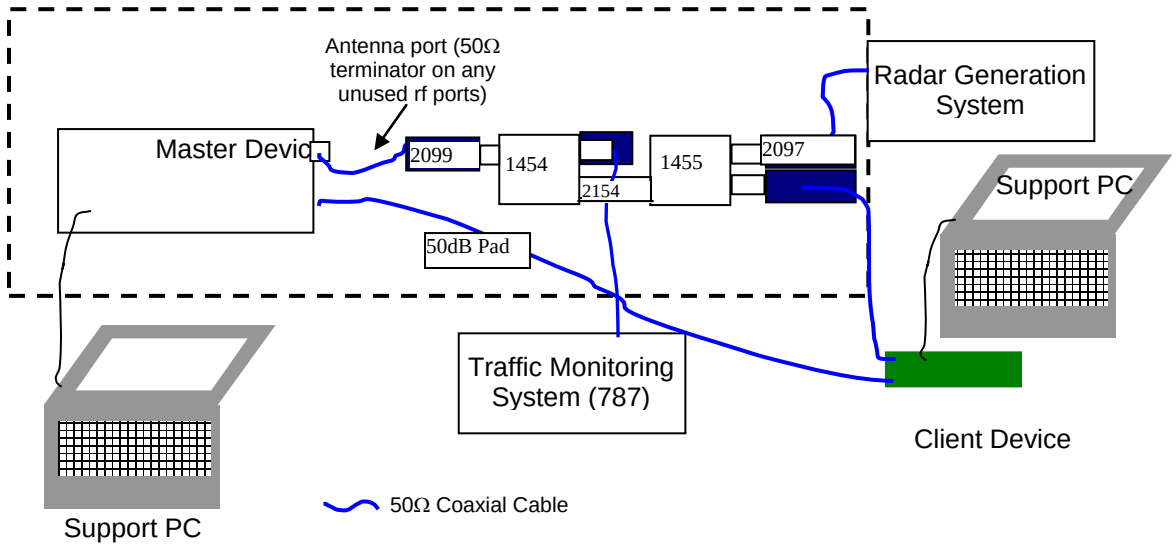


Figure 1 Test Configuration for Conducted Measurement Method

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

$$\text{Applied level (dBm)} = R - G_{RDD}$$

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

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

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

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

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

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

The radar signal level is verified during testing using a 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.

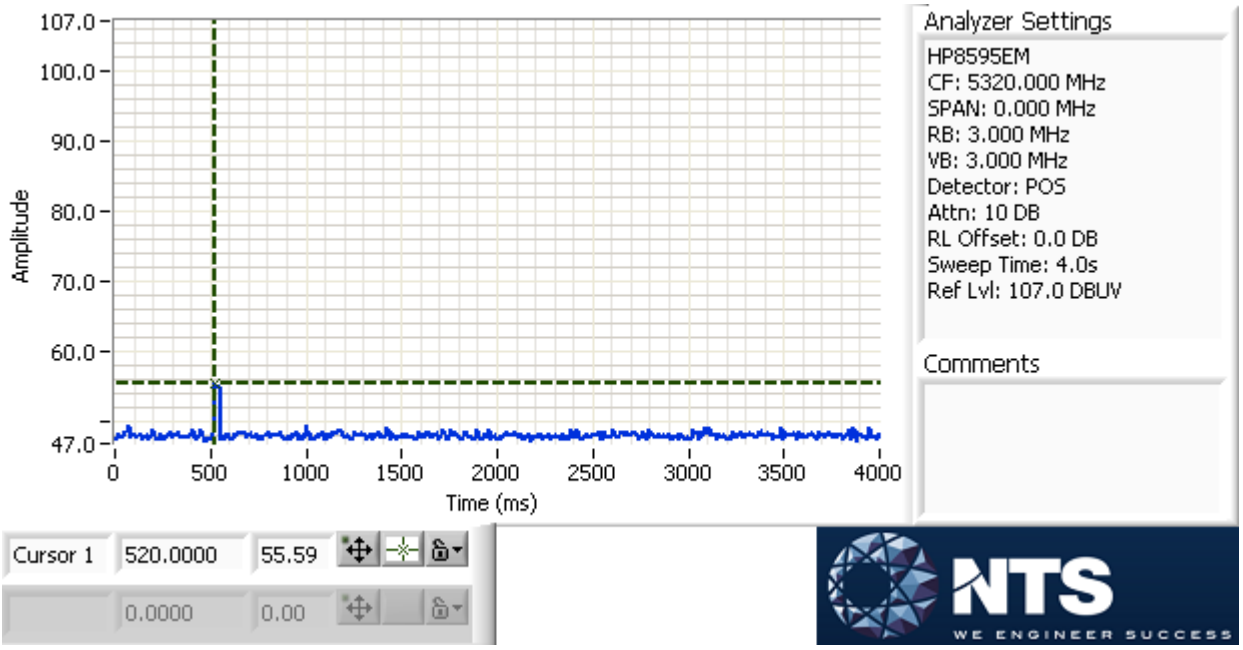


Figure 2 - SA Noise Floor During Testing (radar shown at 520 ms)

RADAR GENERATOR PLOTS

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

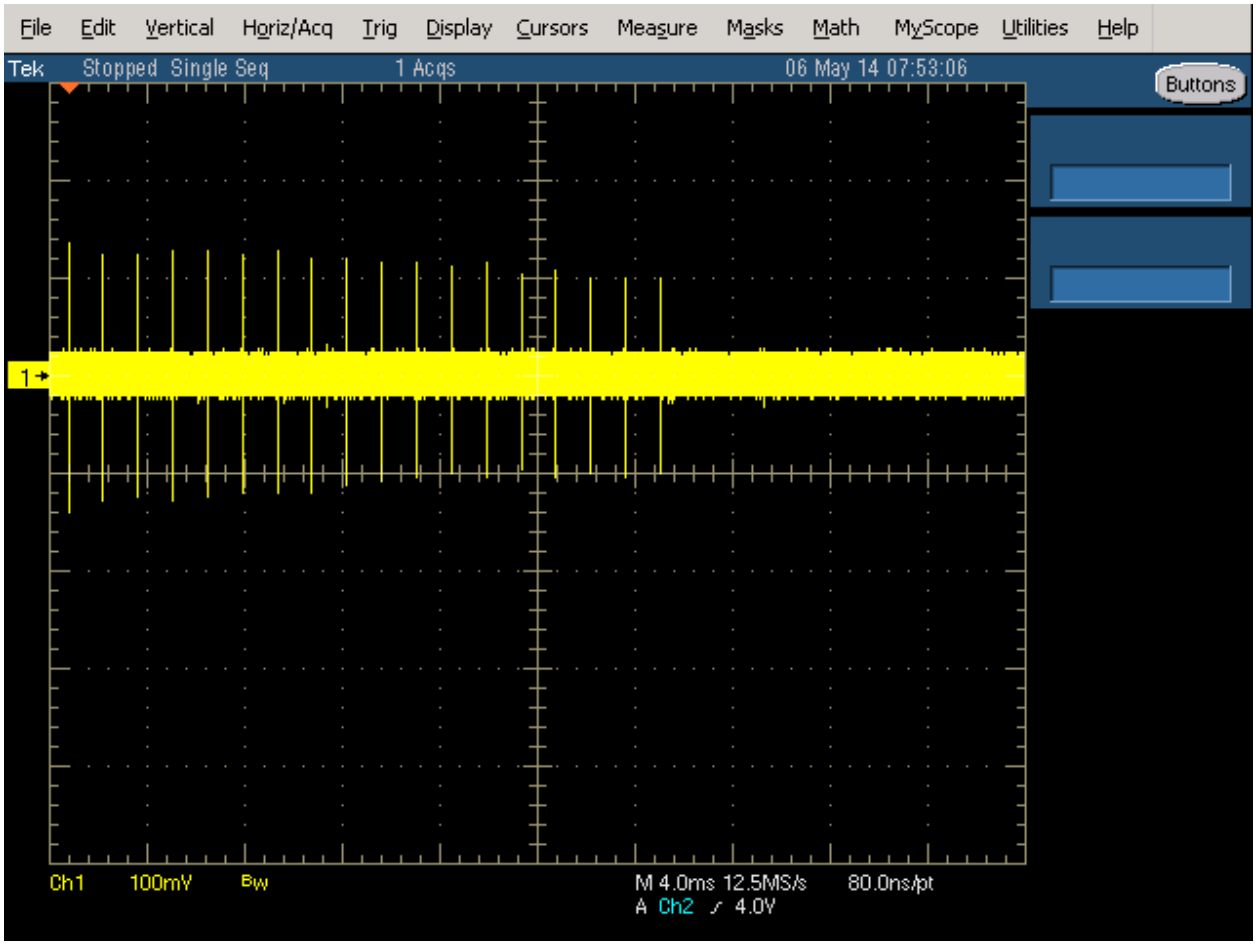


Figure 3 - FCC Type 1 Radar (18 pulses)

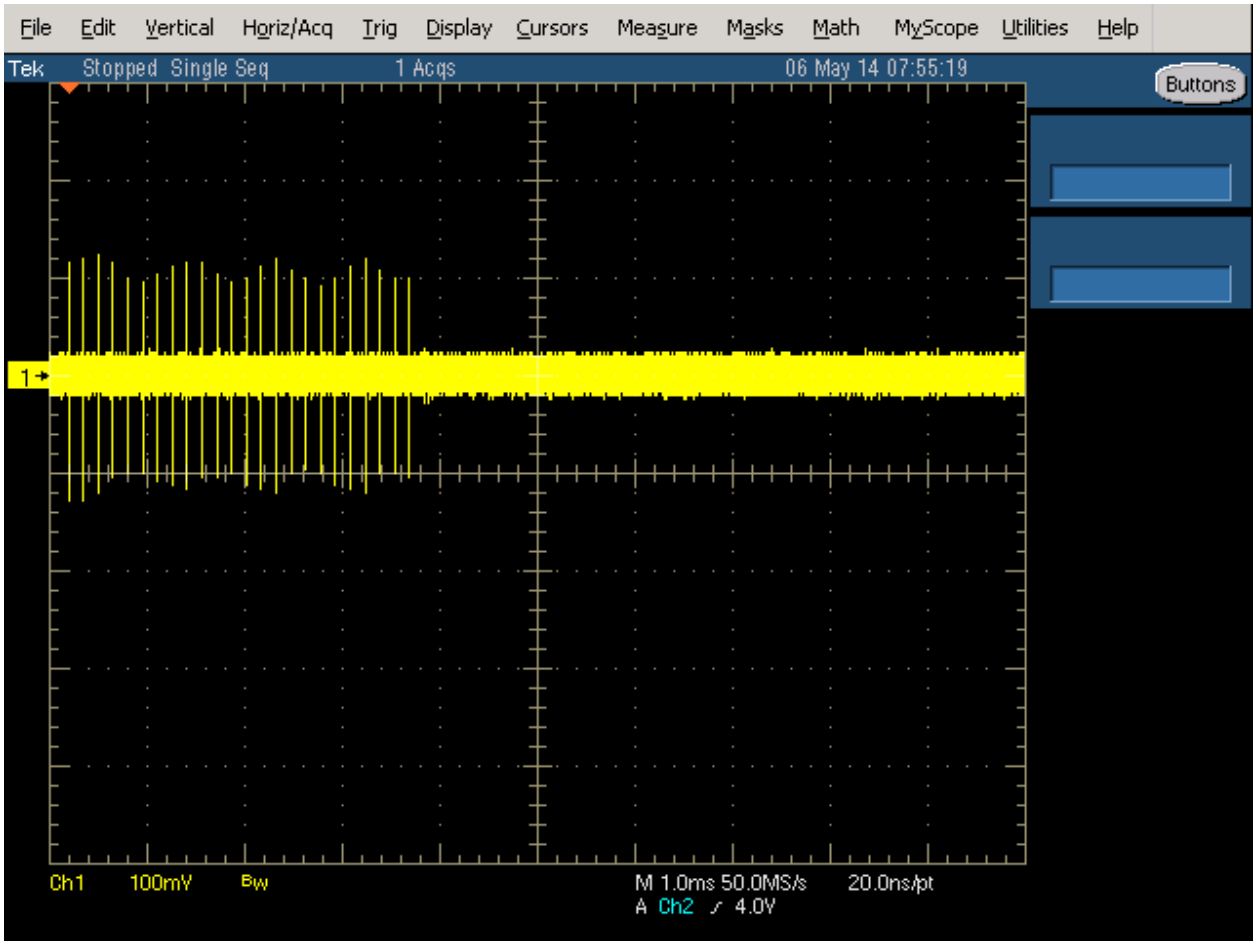


Figure 4 - FCC Type 2 Radar (24 pulses)

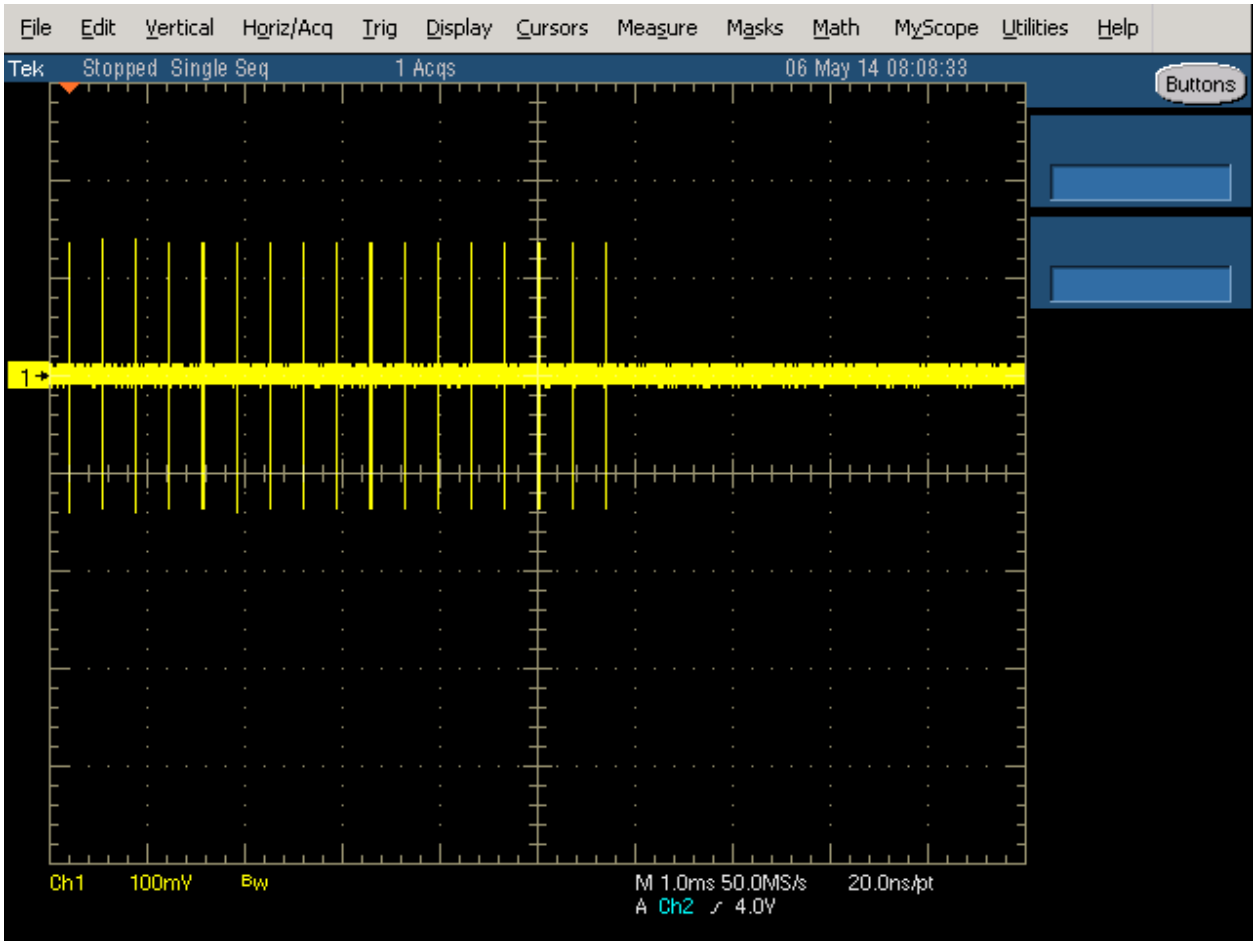


Figure 5 - FCC Type 3 Radar (17 pulses)

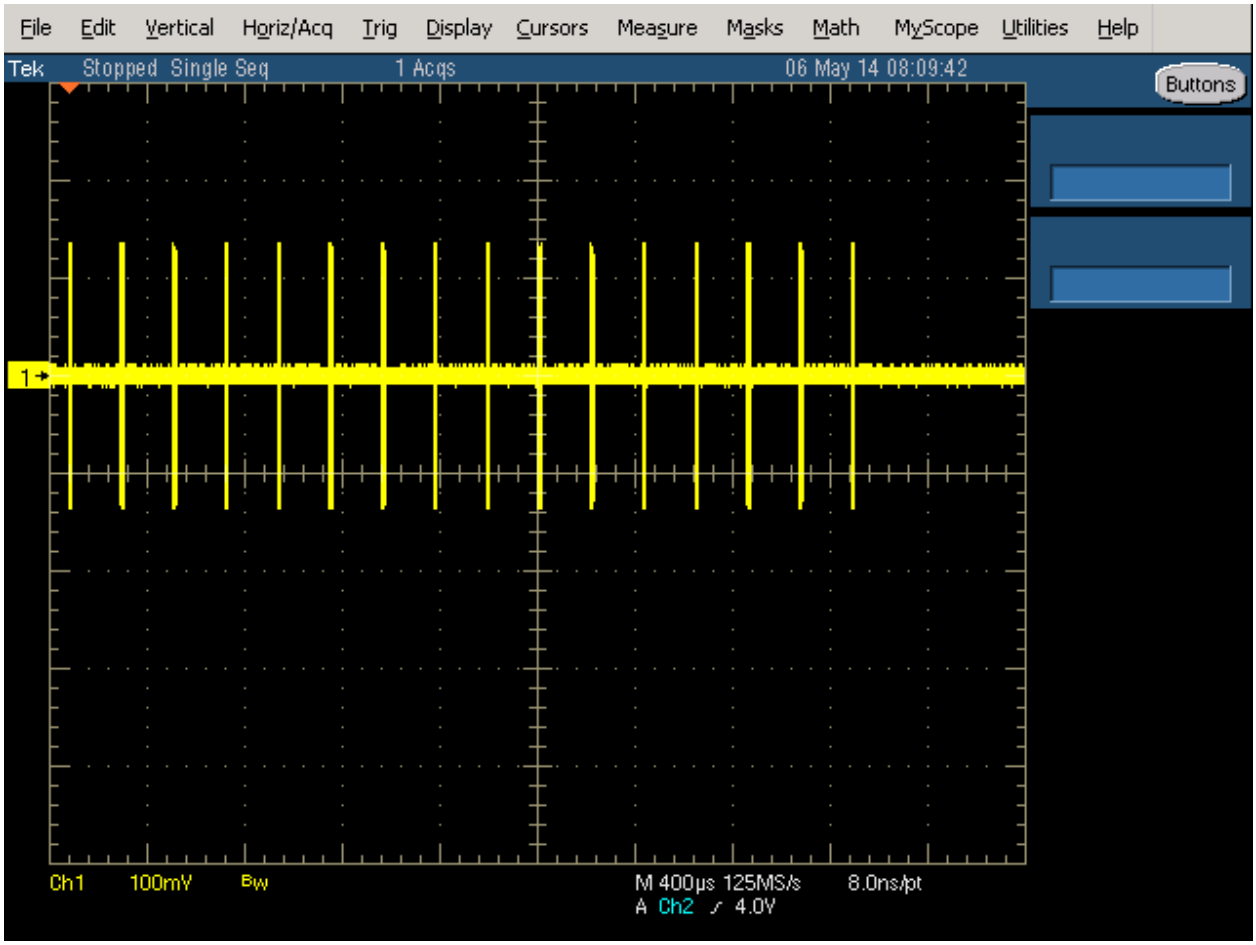


Figure 6 - FCC Type 4 Radar (16 pulses)

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

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

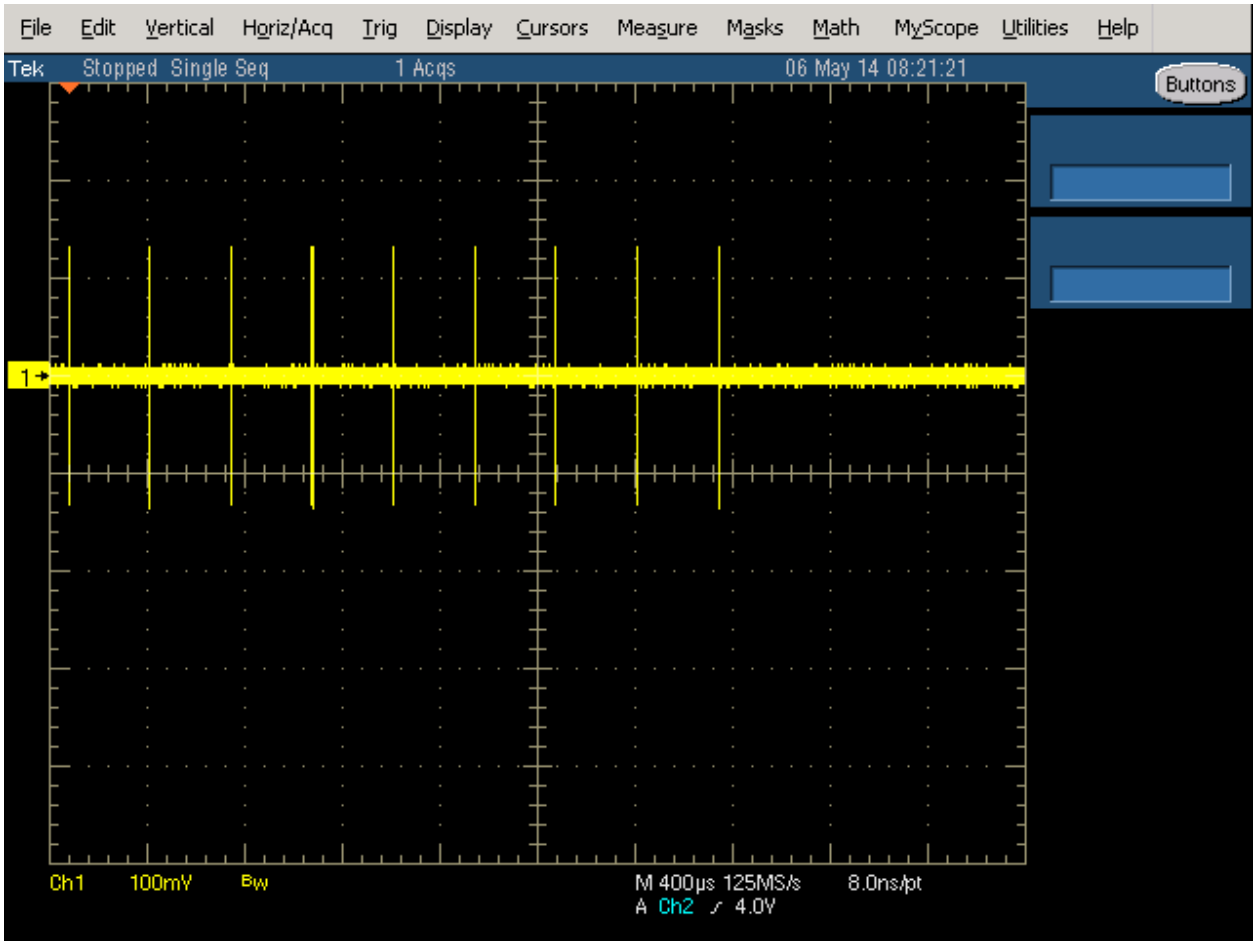


Figure 8 - FCC Type 6 Radar (9 pulses in each burst)

DFS MEASUREMENT METHODS

DFS RADAR DETECTION BANDWIDTH

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

DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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

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

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

DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING

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

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 60 seconds prior to the first transmission on the channel.

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

UNIFORM LOADING

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

TRANSMIT POWER CONTROL (TPC)

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

SAMPLE CALCULATIONS

DETECTION PROBABILITY / SUCCESS RATE

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

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

THRESHOLD LEVEL

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

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

Appendix A Test Equipment Calibration Data

Manufacturer	Description	Model #	Asset #	Cal Due
Mini-Circuits	splitter/combiner	ZAPD-50W	1455	
Mini-Circuits	splitter/combiner	ZAPD-50W	1454	
Attenuator	30dB Pad		2154	
Attenuator	10dB Pad		2097	
Attenuator	10dB Pad		2099	
Attenuator	10dB Pad		641	
Attenuator	10dB Pad		2098	
Attenuator	10dB Pad		2100	
Inmet	20dB Pad	18N50W	1878	
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	23-Oct-14
Agilent Technologies	PSG Vector Signal Generator (250kHz - 20GHz)	E8267C	1877	05-Jun-14
Narda West	Attenuator, 10 dB, DC-10 GHz, 50W	774-10	641	22-Aug-14
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	787	20-Aug-14

Appendix B Test Data Tables for Radar Detection Probability

The plot below shows the channel loading during testing as evaluated over a 0.2 second period. The traffic was generated by FCC Movie. This is a frame based system so an individual frame was taken as a plot. The Frame rate was 55% TX and 45% RX.

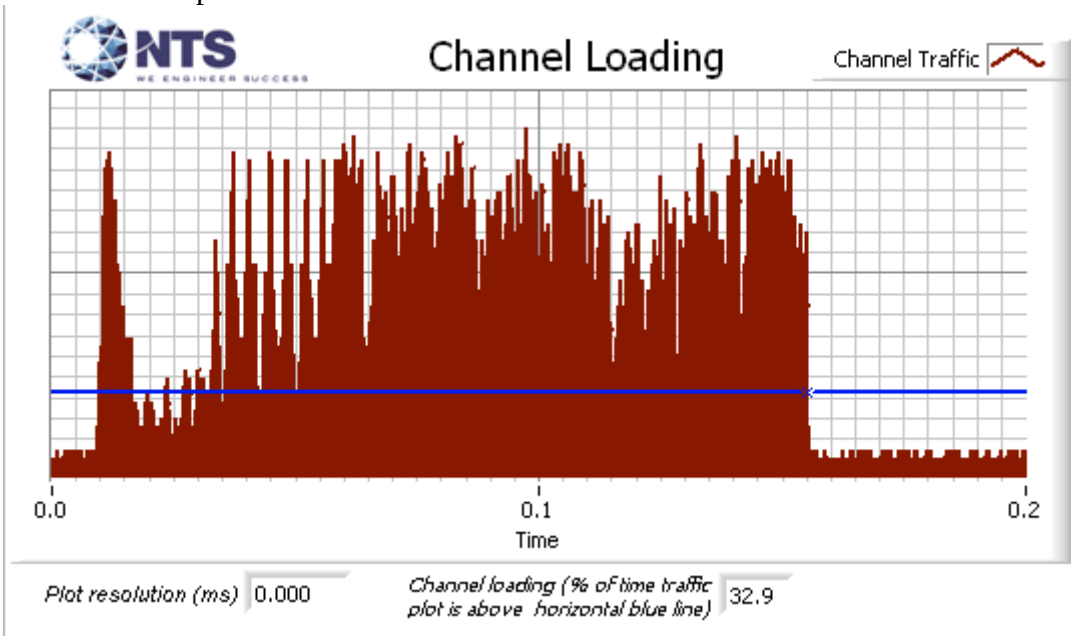


Figure 9 Channel Utilization During In-Service Detection Measurements

Table 7 - Detection Bandwidth Measurements (Bandwidth: +4MHz /-4MHz) 10 MHz BW mode					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5545.00 MHz	0	3	0
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5546.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5547.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5548.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5549.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5550.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5551.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5552.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5553.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5554.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5555.00 MHz	1	3	25

Table 8 - Summary of All Results 10 MHz BW mode				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	86.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	86.7 %	60.0 %	30	PASSED
Aggregate of above results	92.5 %	80.0 %	120	PASSED
Long Sequence	93.3 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	97.2 %	70.0 %	36	PASSED

Table 9 - FCC Short Pulse Radar (Type 1) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:24:37 PM)
2	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:24:47 PM)
3	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:24:54 PM)
4	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:25:01 PM)
5	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:25:08 PM)
6	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:25:15 PM)

Table 9 - FCC Short Pulse Radar (Type 1) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
7	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:25:22 PM)
8	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:25:30 PM)
9	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:25:38 PM)
10	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:25:46 PM)
11	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:25:53 PM)
12	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:26:00 PM)
13	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:26:07 PM)
14	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:26:15 PM)
15	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:26:23 PM)
16	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:26:30 PM)
17	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:26:37 PM)
18	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:26:53 PM)
19	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:27:01 PM)
20	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:27:09 PM)
21	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:27:16 PM)
22	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:27:23 PM)
23	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:27:31 PM)
24	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:27:39 PM)
25	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:27:50 PM)
26	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:28:08 PM)
27	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:28:15 PM)
28	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:28:24 PM)
29	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:28:37 PM)
30	18	1.0	1428.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:28:46 PM)

Table 10 - FCC Short Pulse Radar (Type 2) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information

Table 10 - FCC Short Pulse Radar (Type 2) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	25	4.2	220.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:29:43 PM)
2	24	1.3	229.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:29:51 PM)
3	27	2.3	161.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:29:59 PM)
4	25	2.9	219.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:30:07 PM)
5	23	4.8	160.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:30:14 PM)
6	28	4.7	221.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:30:20 PM)
7	24	3.6	165.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:30:29 PM)
8	27	4.4	184.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:30:37 PM)
9	23	3.8	162.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:30:45 PM)
10	28	1.2	159.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:30:52 PM)
11	25	4.7	222.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:30:59 PM)
12	24	1.3	197.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:31:07 PM)
13	27	3.2	156.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:31:14 PM)
14	24	2.5	226.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:31:21 PM)
15	27	2.3	223.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:31:28 PM)
16	25	4.3	223.0	No	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:31:35 PM)
17	25	2.6	211.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:31:45 PM)
18	25	4.6	209.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:31:55 PM)
19	26	4.3	165.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:32:03 PM)
20	25	4.7	200.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:32:11 PM)
21	24	1.1	167.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:32:18 PM)
22	25	3.6	228.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:32:26 PM)
23	29	1.2	190.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:32:33 PM)
24	28	2.7	200.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:32:42 PM)
25	28	1.8	188.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:32:50 PM)
26	29	4.8	222.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:32:57 PM)
27	24	2.5	229.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:33:04 PM)

Table 10 - FCC Short Pulse Radar (Type 2) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	26	1.5	193.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:33:11 PM)
29	28	3.3	164.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:33:18 PM)
30	28	4.8	173.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:33:25 PM)

Table 11 - FCC Short Pulse Radar (Type 3) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	8.2	272.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:34:33 PM)
2	18	8.6	445.0	No	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:34:47 PM)
3	17	6.9	236.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:35:00 PM)
4	18	8.8	329.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:35:10 PM)
5	17	6.2	464.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:35:18 PM)
6	17	7.0	422.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:35:27 PM)
7	16	7.5	321.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:35:34 PM)
8	17	8.0	284.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:35:42 PM)
9	18	8.0	246.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:35:49 PM)
10	18	8.6	434.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:35:59 PM)
11	16	6.2	252.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:36:06 PM)
12	17	7.8	346.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:36:15 PM)
13	17	9.3	329.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:36:25 PM)
14	16	7.9	240.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:36:33 PM)
15	17	8.1	330.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:36:40 PM)
16	16	8.8	325.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:36:48 PM)
17	18	7.2	499.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:36:58 PM)
18	17	8.4	414.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:37:05 PM)
19	18	8.4	439.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:37:12 PM)
20	16	9.6	475.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:37:21 PM)
21	17	8.0	237.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:37:29 PM)
22	17	6.7	314.0	Yes	5550.0MHz,	Single burst (06/04/2014 05:37:38

Table 11 - FCC Short Pulse Radar (Type 3) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-54.0dBm	PM)
23	18	6.8	206.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:37:45 PM)
24	18	8.1	452.0	No	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:37:53 PM)
25	16	9.0	386.0	No	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:38:05 PM)
26	17	9.1	309.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:38:16 PM)
27	17	6.1	493.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:38:25 PM)
28	16	7.7	403.0	No	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:38:32 PM)
29	17	6.2	224.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:38:44 PM)
30	17	8.5	453.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/04/2014 05:38:54 PM)

Table 12 - FCC Short Pulse Radar (Type 4) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	12.4	436.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:40:23 AM)
2	16	17.0	429.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:40:40 AM)
3	16	19.3	356.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:40:47 AM)
4	13	19.3	450.0	No	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:40:57 AM)
5	16	18.1	442.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:41:19 AM)
6	12	11.6	259.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:41:33 AM)
7	15	16.2	373.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:41:48 AM)
8	13	18.6	257.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:41:57 AM)
9	14	17.1	412.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:42:05 AM)
10	15	11.5	215.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:42:13 AM)
11	12	15.4	442.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:42:20 AM)
12	12	16.3	479.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:42:39 AM)
13	16	19.5	434.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:42:46 AM)
14	14	12.4	242.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:42:54 AM)
15	14	18.1	218.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:43:01 AM)
16	12	13.5	248.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:43:08 AM)

Table 12 - FCC Short Pulse Radar (Type 4) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
17	15	18.1	356.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:43:16 AM)
18	15	15.0	324.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:43:31 AM)
19	13	17.0	424.0	No	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:43:38 AM)
20	12	18.6	418.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:43:50 AM)
21	14	12.5	371.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:43:58 AM)
22	15	18.7	359.0	No	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:44:05 AM)
23	14	17.6	337.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:44:17 AM)
24	15	16.9	279.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:44:25 AM)
25	14	11.6	458.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:45:42 AM)
26	16	16.8	454.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:45:50 AM)
27	15	11.1	494.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:45:59 AM)
28	15	19.8	279.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:46:06 AM)
29	12	14.8	296.0	No	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:46:15 AM)
30	15	15.2	257.0	Yes	5550.0MHz, -54.0dBm	Single burst (06/05/2014 08:46:26 AM)

Table 13 - Long Sequence Waveform Summary 10 MHz BW mode		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5550.0MHz, -54.0dBm
Trial #2	Detected	5550.0MHz, -54.0dBm
Trial #3	Detected	5550.0MHz, -54.0dBm
Trial #4	NOT Detected	5550.0MHz, -54.0dBm
Trial #5	Detected	5550.0MHz, -54.0dBm
Trial #6	Detected	5550.0MHz, -54.0dBm
Trial #7	Detected	5550.0MHz, -54.0dBm
Trial #8	Detected	5550.0MHz, -54.0dBm
Trial #9	Detected	5550.0MHz, -54.0dBm
Trial #10	Detected	5550.0MHz, -54.0dBm
Trial #11	NOT Detected	5550.0MHz, -54.0dBm

Table 13 - Long Sequence Waveform Summary 10 MHz BW mode		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #12	Detected	5550.0MHz, -54.0dBm
Trial #13	Detected	5550.0MHz, -54.0dBm
Trial #14	Detected	5550.0MHz, -54.0dBm
Trial #15	Detected	5550.0MHz, -54.0dBm
Trial #16	Detected	5550.0MHz, -54.0dBm
Trial #17	Detected	5550.0MHz, -54.0dBm
Trial #18	Detected	5550.0MHz, -54.0dBm
Trial #19	Detected	5550.0MHz, -54.0dBm
Trial #20	Detected	5550.0MHz, -54.0dBm
Trial #21	Detected	5550.0MHz, -54.0dBm
Trial #22	Detected	5550.0MHz, -54.0dBm
Trial #23	Detected	5550.0MHz, -54.0dBm
Trial #24	Detected	5550.0MHz, -54.0dBm
Trial #25	Detected	5550.0MHz, -54.0dBm
Trial #26	Detected	5550.0MHz, -54.0dBm
Trial #27	Detected	5550.0MHz, -54.0dBm
Trial #28	Detected	5550.0MHz, -54.0dBm
Trial #29	Detected	5550.0MHz, -54.0dBm
Trial #30	Detected	5550.0MHz, -54.0dBm

Table 14 - Long Sequence Waveform Trial#1 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.1	12	-	-	0.208250
2	1	64.3	9	-	-	1.150753
3	2	87.1	15	1800.0	-	1.959552
4	3	72.4	7	1520.0	1978.0	2.917502
5	2	61.3	9	1955.0	-	3.710087
6	1	97.6	8	-	-	4.332664
7	3	80.7	8	1416.0	1361.0	5.108207
8	3	72.0	19	1685.0	1633.0	5.555548
9	2	74.3	11	1055.0	-	6.324062
10	1	52.5	17	-	-	7.343704
11	2	57.4	11	1423.0	-	7.724219

Table 14 - Long Sequence Waveform Trial#1 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
12	3	98.2	18	1192.0	1178.0	8.606940
13	1	51.2	12	-	-	9.287393
14	2	97.8	11	1523.0	-	9.906843
15	2	54.0	13	1422.0	-	10.780292
16	1	75.8	9	-	-	11.664796

Table 15 - Long Sequence Waveform Trial#2 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.6	13	1398.0	-	0.308600
2	2	98.8	11	1706.0	-	0.872196
3	3	98.0	12	1063.0	1968.0	1.899959
4	2	87.2	13	1365.0	-	2.381627
5	2	82.8	7	1506.0	-	3.116919
6	2	63.6	10	1504.0	-	3.625679
7	1	72.3	10	-	-	4.467171
8	1	83.5	20	-	-	5.141990
9	2	65.4	13	1943.0	-	5.415991
10	2	51.5	18	1965.0	-	6.579243
11	1	96.3	14	-	-	7.052321
12	3	78.3	13	1950.0	1404.0	7.801584
13	2	94.9	18	1759.0	-	8.113415
14	1	95.2	16	-	-	9.248547
15	3	87.3	16	1970.0	1800.0	9.770718
16	2	99.9	13	1028.0	-	10.317208
17	2	95.5	11	1188.0	-	11.222147
18	1	87.7	6	-	-	11.384248

Table 16 - Long Sequence Waveform Trial#3 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.6	14	1528.0	-	1.077033
2	2	89.9	18	1987.0	-	2.097272
3	2	56.9	20	1095.0	-	3.270356
4	2	64.6	18	1117.0	-	4.756629
5	2	86.1	12	1847.0	-	6.701743
6	2	72.1	19	1632.0	-	7.621161
7	1	94.2	15	-	-	9.022040
8	1	65.9	12	-	-	11.251598

Table 17 - Long Sequence Waveform Trial#4 (NOT Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.4	9	-	-	0.032255
2	3	92.7	9	1821.0	1688.0	1.362100
3	1	90.6	11	-	-	2.264846
4	2	98.9	10	1407.0	-	4.007201
5	2	86.1	14	1621.0	-	5.361013
6	2	85.9	9	1052.0	-	5.537187

Table 17 - Long Sequence Waveform Trial#4 (NOT Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
7	1	68.9	12	-	-	6.782579
8	2	96.9	20	1882.0	-	8.718709
9	1	73.5	20	-	-	9.381009
10	3	74.3	20	1523.0	1269.0	9.915147
11	2	58.2	15	1943.0	-	11.648644

Table 18 - Long Sequence Waveform Trial#5 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	65.5	6	1826.0	-	0.416767
2	2	99.9	18	1145.0	-	0.880744
3	2	93.0	13	1773.0	-	1.934325
4	2	74.8	14	1214.0	-	2.940381
5	3	77.4	7	1030.0	1149.0	3.788862
6	3	93.9	20	1192.0	1979.0	5.010494
7	1	90.3	18	-	-	5.875370
8	2	99.5	9	1987.0	-	6.029620
9	3	58.3	19	1031.0	1808.0	7.272617
10	2	75.9	12	1847.0	-	8.344357
11	2	62.9	13	1885.0	-	8.855129
12	3	52.6	11	1034.0	1606.0	9.921022
13	1	58.8	5	-	-	10.411134
14	2	90.9	19	1927.0	-	11.808191

Table 19 - Long Sequence Waveform Trial#6 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.0	16	1857.0	-	0.009959
2	3	83.8	19	1079.0	1380.0	1.957761
3	2	50.6	14	1853.0	-	2.711310
4	2	66.1	5	1810.0	-	4.095210
5	2	90.8	10	1359.0	-	5.393917
6	3	97.5	11	1538.0	1365.0	5.645468
7	2	86.0	14	1465.0	-	6.573258
8	2	81.2	10	1595.0	-	7.976773
9	2	53.8	14	1678.0	-	9.066254
10	3	53.7	5	1269.0	1630.0	10.321959
11	3	57.4	7	1024.0	1442.0	11.706277

Table 20 - Long Sequence Waveform Trial#7 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	53.5	14	1735.0	1465.0	0.080181
2	2	98.7	6	1830.0	-	1.227836
3	2	79.7	8	1459.0	-	2.053656
4	2	61.7	18	1628.0	-	2.759828
5	1	56.2	9	-	-	3.473217
6	1	98.3	5	-	-	3.679287
7	1	73.6	11	-	-	4.688690

Table 20 - Long Sequence Waveform Trial#7 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
8	2	80.8	10	1815.0	-	5.558649
9	2	55.7	13	1675.0	-	6.252673
10	2	81.0	8	1471.0	-	6.660444
11	1	64.8	7	-	-	7.763350
12	2	89.6	13	1485.0	-	8.191628
13	1	68.9	10	-	-	8.614186
14	2	56.1	16	1376.0	-	9.229271
15	3	93.6	16	1700.0	1830.0	10.307852
16	3	55.5	12	1474.0	1633.0	11.108595
17	2	86.8	12	1354.0	-	11.452165

Table 21 - Long Sequence Waveform Trial#8 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	99.7	11	-	-	0.761985
2	1	93.2	6	-	-	1.539138
3	2	85.6	19	1658.0	-	1.861485
4	3	65.0	10	1666.0	1904.0	2.906264
5	2	79.9	6	1651.0	-	3.979239
6	2	68.6	9	1559.0	-	4.164786
7	1	90.4	18	-	-	5.153098
8	1	67.3	8	-	-	5.750200
9	3	59.1	19	1769.0	1662.0	6.465917
10	1	86.7	13	-	-	7.446910
11	1	91.1	14	-	-	8.313917
12	3	72.4	9	1555.0	1185.0	8.957615
13	1	70.1	18	-	-	10.347667
14	3	66.9	14	1568.0	1494.0	10.537625
15	1	89.7	17	-	-	11.550686

Table 22 - Long Sequence Waveform Trial#9 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.0	19	1480.0	-	0.464900
2	1	84.6	10	-	-	1.261952
3	1	62.8	15	-	-	1.591989
4	2	51.3	7	1192.0	-	2.185987
5	3	60.7	8	1560.0	1709.0	2.847846
6	1	90.3	16	-	-	4.042585
7	2	58.1	5	1044.0	-	4.524983
8	2	84.9	9	1769.0	-	5.575005
9	2	64.8	18	1403.0	-	6.091394
10	2	85.1	18	1670.0	-	6.448869
11	1	75.1	6	-	-	7.214509
12	3	98.9	14	1539.0	1861.0	8.352088
13	2	73.2	18	1695.0	-	9.087846
14	3	88.4	5	1185.0	1803.0	9.801489
15	2	52.2	17	1155.0	-	10.458443
16	3	70.3	11	1306.0	1496.0	11.101920
17	2	94.4	11	1051.0	-	11.524914

Table 23 - Long Sequence Waveform Trial#10 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.3	15	1390.0	-	0.595139
2	1	84.0	9	-	-	0.924643
3	2	90.9	12	1950.0	-	1.898653
4	1	82.0	8	-	-	2.158473
5	1	68.5	19	-	-	2.937722
6	3	82.9	5	1961.0	1016.0	3.373373
7	2	54.0	15	1625.0	-	4.443466
8	1	57.5	14	-	-	4.744900
9	2	56.0	6	1187.0	-	5.601640
10	1	65.3	20	-	-	6.641641
11	1	64.8	16	-	-	7.006739
12	3	60.4	18	1846.0	1914.0	7.396131
13	1	62.5	9	-	-	8.614891
14	2	89.9	10	1261.0	-	9.065244
15	3	75.8	17	1029.0	1485.0	9.381787
16	3	97.6	19	1084.0	1892.0	10.576629
17	2	67.8	8	1009.0	-	10.882873
18	2	78.9	8	1387.0	-	11.858414

Table 24 - Long Sequence Waveform Trial#11 (NOT Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.6	13	1896.0	-	0.119661
2	2	56.6	14	1991.0	-	1.362263
3	3	92.7	11	1603.0	1848.0	2.412228
4	3	77.1	9	1145.0	1031.0	3.650688
5	1	85.3	9	-	-	5.187169
6	3	71.9	17	1471.0	1864.0	6.405999
7	2	88.1	10	1516.0	-	8.138383
8	1	77.3	9	-	-	8.621054
9	3	53.1	18	1292.0	1763.0	10.358321
10	1	81.6	14	-	-	11.006587

Table 25 - Long Sequence Waveform Trial#12 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	88.0	14	1099.0	1630.0	0.009971
2	3	50.8	15	1691.0	1128.0	1.352292
3	3	57.5	9	1034.0	1957.0	1.477442
4	2	70.0	16	1641.0	-	2.776941
5	2	71.4	14	1662.0	-	3.302563
6	3	52.7	19	1773.0	1322.0	4.221779
7	1	63.5	9	-	-	4.361991
8	2	80.2	20	1154.0	-	5.411071
9	2	54.2	18	1127.0	-	5.836081
10	1	57.3	13	-	-	6.782002
11	1	77.7	10	-	-	7.165412
12	2	80.7	14	1705.0	-	8.140693
13	1	73.1	14	-	-	9.073107

Table 25 - Long Sequence Waveform Trial#12 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
14	2	97.2	14	1293.0	-	9.267437
15	3	68.7	11	1801.0	1510.0	10.223733
16	3	51.5	9	1171.0	1340.0	11.261576
17	2	55.0	9	1403.0	-	11.320738

Table 26 - Long Sequence Waveform Trial#13 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	59.3	19	-	-	0.401805
2	1	91.4	7	-	-	1.115299
3	1	89.8	10	-	-	1.657639
4	1	76.6	16	-	-	2.658839
5	1	50.9	17	-	-	3.174768
6	3	74.0	9	1374.0	1887.0	3.824062
7	1	55.4	11	-	-	4.461942
8	1	50.9	6	-	-	5.033982
9	2	89.4	19	1960.0	-	5.859533
10	2	88.0	18	1672.0	-	6.425653
11	2	53.1	7	1144.0	-	7.760389
12	1	71.4	16	-	-	7.954124
13	2	62.7	8	1123.0	-	8.705200
14	3	90.3	7	1298.0	1759.0	9.817620
15	2	98.2	6	1205.0	-	10.320738
16	3	77.5	8	1502.0	1221.0	11.060361
17	2	98.9	10	1536.0	-	11.541651

Table 27 - Long Sequence Waveform Trial#14 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.4	9	1360.0	-	0.941738
2	1	75.4	11	-	-	1.130175
3	2	74.5	11	1697.0	-	2.953555
4	2	90.9	15	1843.0	-	3.428313
5	1	97.0	12	-	-	4.641587
6	1	71.7	12	-	-	5.130594
7	2	62.9	17	1198.0	-	6.832418
8	2	87.7	15	1928.0	-	7.703975
9	2	81.4	11	1349.0	-	8.780291
10	3	67.0	6	1038.0	1018.0	9.176232
11	2	85.6	17	1107.0	-	10.722112
12	2	69.5	7	1500.0	-	11.518933

Table 28 - Long Sequence Waveform Trial#15 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	65.3	17	1296.0	-	0.249245
2	3	74.7	10	1100.0	1224.0	0.878078
3	3	75.3	9	1292.0	1976.0	2.344985
4	2	88.6	7	1198.0	-	3.141596

Table 28 - Long Sequence Waveform Trial#15 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
5	3	93.7	5	1628.0	1338.0	4.132606
6	1	57.4	15	-	-	4.756388
7	2	60.8	10	1120.0	-	5.693612
8	3	56.3	10	1859.0	1733.0	6.531202
9	1	88.0	7	-	-	6.860962
10	2	93.9	8	1301.0	-	7.802766
11	3	77.9	17	1795.0	1924.0	8.665007
12	1	74.1	14	-	-	9.667785
13	1	71.1	17	-	-	10.308865
14	2	90.2	6	1128.0	-	11.671959

Table 29 - Long Sequence Waveform Trial#16 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	77.7	11	1754.0	1274.0	1.233251
2	2	78.3	9	1894.0	-	2.003921
3	2	92.1	19	1592.0	-	3.884668
4	3	80.4	19	1139.0	1533.0	4.136135
5	2	83.2	15	1705.0	-	5.513610
6	1	66.3	20	-	-	7.959504
7	2	98.3	6	1732.0	-	8.105084
8	2	61.8	11	1591.0	-	9.491672
9	1	96.6	5	-	-	11.957075

Table 30 - Long Sequence Waveform Trial#17 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	85.4	7	1111.0	-	0.592348
2	1	71.7	17	-	-	1.263014
3	3	73.0	6	1207.0	1217.0	1.375270
4	1	84.2	19	-	-	2.455661
5	2	95.2	15	1934.0	-	2.916213
6	1	70.3	7	-	-	3.351685
7	2	95.2	18	1663.0	-	3.956125
8	2	89.6	6	1188.0	-	4.451212
9	3	58.9	17	1316.0	1964.0	5.167086
10	3	64.2	11	1366.0	1323.0	6.301224
11	2	56.3	13	1440.0	-	6.739022
12	2	50.4	6	1419.0	-	7.545160
13	1	54.1	18	-	-	8.043698
14	2	57.8	17	1053.0	-	8.687626
15	2	86.0	12	1293.0	-	9.287615
16	3	73.9	13	1985.0	1960.0	9.560294
17	2	78.2	18	1578.0	-	10.279210
18	2	58.4	11	1219.0	-	11.091226
19	2	77.7	18	1385.0	-	11.440600

Table 31 - Long Sequence Waveform Trial#18 (Detected) 10 MHz BW mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	90.2	10	1542.0	1019.0	0.263091
2	1	66.0	9	-	-	0.964725
3	3	77.4	14	1811.0	1335.0	1.391243
4	2	95.4	9	1734.0	-	2.165681
5	2	85.8	9	1729.0	-	3.239879
6	1	91.5	8	-	-	3.699803
7	1	76.1	17	-	-	4.142754
8	1	63.2	13	-	-	5.331267
9	3	80.3	16	1002.0	1206.0	5.706382
10	3	74.8	15	1577.0	1631.0	6.362288
11	2	61.6	9	1629.0	-	6.760460
12	3	93.9	18	1628.0	1571.0	7.889386
13	3	80.3	17	1292.0	1862.0	8.582304
14	1	72.1	5	-	-	8.972261
15	2	62.1	9	1331.0	-	9.455639
16	3	86.8	6	1582.0	1971.0	10.228408
17	2	64.3	16	1041.0	-	10.718972
18	1	78.6	14	-	-	11.503965

Table 32 - Long Sequence Waveform Trial#19 (Detected) 10 MHz BW mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.8	14	1221.0	-	0.718141
2	3	83.2	7	1584.0	1701.0	1.917374
3	1	76.1	7	-	-	2.989717
4	3	69.4	19	1302.0	1415.0	3.753266
5	2	66.2	11	1036.0	-	5.339049
6	1	62.1	16	-	-	6.200784
7	2	69.5	18	1586.0	-	6.634713
8	3	80.4	19	1129.0	1222.0	7.986467
9	2	61.6	20	1465.0	-	8.782774
10	2	94.4	15	1972.0	-	10.573039
11	3	79.7	16	1083.0	1379.0	11.337492

Table 33 - Long Sequence Waveform Trial#20 (Detected) 10 MHz BW mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.2	13	1670.0	-	0.670204
2	1	52.5	7	-	-	1.496658
3	3	71.8	8	1718.0	1057.0	2.040728
4	2	98.5	13	1394.0	-	3.512588
5	2	63.7	18	1271.0	-	3.715599
6	1	82.9	16	-	-	4.902473
7	1	55.4	15	-	-	6.414896
8	2	54.7	7	1953.0	-	6.656323
9	1	55.8	13	-	-	8.152716
10	3	97.1	14	1876.0	1329.0	8.616953
11	1	64.0	11	-	-	9.973119
12	3	77.3	15	1511.0	1212.0	10.244409
13	2	68.3	20	1306.0	-	11.657558

Table 34 - Long Sequence Waveform Trial#21 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	62.4	5	-	-	0.391784
2	1	95.1	6	-	-	0.885964
3	3	63.9	11	1139.0	1508.0	1.601587
4	2	64.2	15	1009.0	-	2.133389
5	1	80.0	14	-	-	2.527669
6	1	57.5	10	-	-	3.404463
7	3	66.6	8	1255.0	1010.0	4.017161
8	2	50.8	11	1570.0	-	4.493759
9	3	88.6	16	1451.0	1393.0	5.630437
10	3	79.4	7	1505.0	1157.0	6.142317
11	3	69.4	10	1920.0	1391.0	6.325602
12	2	87.2	9	1734.0	-	7.046772
13	2	97.7	9	1331.0	-	7.869224
14	2	64.9	11	1396.0	-	8.263916
15	2	85.0	11	1187.0	-	9.398517
16	1	83.3	7	-	-	9.662487
17	3	68.5	13	1056.0	1792.0	10.396748
18	2	92.5	13	1839.0	-	11.311415
19	3	77.7	17	1392.0	1551.0	11.524230

Table 35 - Long Sequence Waveform Trial#22 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.3	18	1096.0	-	0.123448
2	2	90.6	13	1615.0	-	1.497796
3	1	70.0	20	-	-	2.930681
4	2	61.7	15	1587.0	-	3.842957
5	3	57.8	17	1842.0	1583.0	4.620263
6	1	83.7	15	-	-	6.368271
7	2	96.2	6	1154.0	-	7.583166
8	2	83.5	7	1314.0	-	8.437367
9	2	90.0	5	1805.0	-	8.834252
10	2	72.1	19	1877.0	-	9.854459
11	3	65.7	16	1891.0	1597.0	11.615678

Table 36 - Long Sequence Waveform Trial#23 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	97.3	8	1654.0	-	0.464998
2	3	72.8	14	1559.0	1398.0	2.383989
3	2	56.3	6	1438.0	-	3.317895
4	3	60.6	11	1402.0	1203.0	4.958302
5	2	70.3	11	1581.0	-	6.225183
6	1	78.3	11	-	-	7.326713
7	1	78.2	10	-	-	8.092078
8	2	80.2	8	1424.0	-	10.193857
9	2	52.7	10	1809.0	-	11.881197

Table 37 - Long Sequence Waveform Trial#24 (Detected) 10 MHz BW mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	83.0	13	-	-	0.515807
2	3	87.4	7	1500.0	1721.0	1.239118
3	2	74.3	7	1695.0	-	2.045571
4	2	70.1	12	1519.0	-	2.380422
5	2	51.9	19	1095.0	-	3.519817
6	2	62.1	6	1125.0	-	4.098517
7	2	79.7	19	1245.0	-	4.678116
8	3	91.7	20	1625.0	1665.0	5.118942
9	1	80.2	9	-	-	5.676862
10	2	93.8	8	1394.0	-	6.381918
11	3	71.5	12	1089.0	1314.0	7.199967
12	2	73.6	6	1889.0	-	8.462091
13	2	96.8	17	1296.0	-	9.102676
14	2	85.4	7	1725.0	-	9.292064
15	1	64.1	6	-	-	10.107370
16	1	56.0	9	-	-	11.252673
17	3	67.7	5	1574.0	1869.0	11.432491

Table 38 - Long Sequence Waveform Trial#25 (Detected) 10 MHz BW mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	78.7	6	1741.0	-	0.374668
2	2	68.8	14	1220.0	-	1.003077
3	3	67.2	11	1211.0	1838.0	2.158156
4	1	83.3	19	-	-	3.932608
5	2	57.7	14	1461.0	-	4.733121
6	3	71.7	10	1061.0	1079.0	5.951338
7	2	81.7	18	1727.0	-	6.772279
8	3	93.4	16	1454.0	1680.0	7.777467
9	3	85.2	18	1722.0	1628.0	8.334233
10	1	79.9	7	-	-	9.922983
11	2	74.1	6	1903.0	-	10.435657
12	2	60.5	20	1745.0	-	11.401102

Table 39 - Long Sequence Waveform Trial#26 (Detected) 10 MHz BW mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	83.2	16	-	-	0.016482
2	1	82.7	17	-	-	2.644966
3	2	90.9	20	1637.0	-	3.648670
4	3	96.3	5	1595.0	1232.0	4.663439
5	2	88.1	15	1342.0	-	5.822194
6	2	56.1	14	1107.0	-	6.682332
7	1	81.4	10	-	-	9.060071
8	1	70.4	8	-	-	10.641842
9	2	56.5	12	1226.0	-	10.673328

Table 40 - Long Sequence Waveform Trial#27 (Detected) 10 MHz BW mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.4	8	1969.0	-	0.578412

Table 40 - Long Sequence Waveform Trial#27 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
2	2	67.0	6	1593.0	-	1.349995
3	1	93.1	18	-	-	3.422108
4	3	53.8	12	1465.0	1694.0	3.938880
5	2	67.2	17	1055.0	-	5.505238
6	2	59.9	9	1365.0	-	6.036171
7	3	82.5	8	1536.0	1419.0	8.174299
8	1	54.8	9	-	-	8.532396
9	3	60.5	6	1745.0	1305.0	10.066800
10	3	64.4	6	1848.0	1231.0	11.324447

Table 41 - Long Sequence Waveform Trial#28 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	85.0	6	1150.0	1598.0	0.731133
2	1	91.3	17	-	-	1.256255
3	3	65.3	20	1645.0	1998.0	2.516502
4	2	89.4	20	1214.0	-	3.143926
5	3	76.6	13	1610.0	1131.0	3.713220
6	1	64.4	20	-	-	4.812590
7	2	69.4	15	1414.0	-	6.376408
8	2	87.3	7	1718.0	-	7.204476
9	3	70.6	8	1751.0	1429.0	7.395640
10	1	97.2	6	-	-	8.687463
11	2	63.1	20	1185.0	-	9.276460
12	3	99.1	5	1072.0	1567.0	10.927968
13	2	96.4	15	1395.0	-	11.709648

Table 42 - Long Sequence Waveform Trial#29 (Detected) 10 MHz BW mode						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	78.6	10	1220.0	-	0.564832
2	2	52.3	9	1729.0	-	1.008824
3	1	65.6	11	-	-	1.888473
4	3	61.4	18	1330.0	1235.0	2.438027
5	3	75.1	12	1069.0	1622.0	3.064805
6	3	62.3	15	1672.0	1421.0	3.605453
7	1	55.9	12	-	-	4.260012
8	2	63.2	19	1873.0	-	4.962922
9	3	94.7	8	1694.0	1401.0	6.178172
10	2	60.5	20	1627.0	-	6.517561
11	3	58.3	11	1577.0	1250.0	7.526911
12	3	63.5	15	1254.0	1934.0	7.831287
13	3	74.0	9	1253.0	1060.0	9.041641
14	2	51.1	15	1685.0	-	9.343731
15	1	75.5	13	-	-	10.120711
16	2	58.6	9	1606.0	-	10.863108
17	1	77.3	17	-	-	11.411322

Table 43 - Long Sequence Waveform Trial#30 (Detected) 10 MHz BW mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	82.4	14	-	-	0.074003
2	3	98.0	6	1730.0	1110.0	1.146272
3	2	82.6	11	1304.0	-	1.427064
4	2	73.5	16	1305.0	-	2.040648
5	2	63.5	13	1679.0	-	2.723107
6	2	55.7	7	1890.0	-	3.217875
7	3	62.6	18	1899.0	1828.0	4.308428
8	3	86.9	15	1815.0	1133.0	4.472174
9	1	56.7	5	-	-	5.457962
10	1	61.2	18	-	-	6.207061
11	3	80.0	14	1328.0	1442.0	6.455163
12	2	58.9	14	1077.0	-	6.993885
13	2	77.0	19	1773.0	-	7.636404
14	2	68.3	13	1019.0	-	8.304978
15	1	53.5	6	-	-	9.250123
16	1	56.9	18	-	-	10.077178
17	1	63.5	6	-	-	10.576847
18	2	88.1	8	1120.0	-	11.142291
19	3	95.7	15	1050.0	1623.0	11.448120

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5553.0MHz, -54.0dBm	Hop sequence: 5330, 5362, 5397, 5561, 5387, 5547, 5610, 5419, 5472, 5423, 5363, 5281, 5398, 5257, 5557, 5480, 5616, 5329, 5432, 5511, 5717, 5379, 5470, 5462, 5711, 5528, 5435, 5341, 5473, 5617, 5428, 5698, 5495, 5513, 5493, 5411, 5475, 5463, 5443, 5568, 5284, 5670, 5506, 5335, 5558, 5431, 5497, 5556, 5308, 5322, 5593, 5573, 5391, 5279, 5630, 5562, 5642, 5579, 5357, 5425, 5645, 5715, 5685, 5403, 5650, 5524, 5424, 5578, 5643, 5510, 5336, 5694, 5345, 5290, 5274, 5666, 5456, 5708, 5660, 5605, 5609, 5570, 5481, 5427, 5295, 5623, 5278, 5707, 5665, 5654, 5406, 5550, 5635, 5592, 5712, 5468, 5629, 5490, 5370, 5375 (2 hits) (06/04/2014 05:19:23 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
2	9	1.0	333.0	Yes	5554.0MHz, -54.0dBm	Hop sequence: 5554, 5521, 5598, 5549, 5695, 5321, 5357, 5304, 5471, 5702, 5636, 5697, 5721, 5541, 5261, 5652, 5644, 5402, 5489, 5316, 5660, 5571, 5399, 5368, 5424, 5601, 5351, 5391, 5307, 5458, 5628, 5418, 5435, 5708, 5620, 5569, 5684, 5507, 5494, 5546, 5432, 5317, 5621, 5526, 5693, 5584, 5522, 5284, 5445, 5267, 5266, 5551, 5472, 5439, 5589, 5309, 5251, 5364, 5661, 5629, 5645, 5455, 5634, 5576, 5396, 5373, 5710, 5408, 5370, 5493, 5333, 5665, 5310, 5430, 5449, 5720, 5671, 5575, 5421, 5701, 5498, 5656, 5538, 5374, 5482, 5420, 5603, 5510, 5668, 5545, 5716, 5585, 5299, 5323, 5631, 5336, 5384, 5528, 5386, 5383 (4 hits) (06/04/2014 05:19:31 PM)
3	9	1.0	333.0	No	5546.0MHz, -54.0dBm	Hop sequence: 5342, 5325, 5605, 5704, 5372, 5601, 5316, 5710, 5514, 5534, 5382, 5317, 5569, 5385, 5279, 5560, 5668, 5458, 5417, 5632, 5301, 5725, 5709, 5295, 5391, 5585, 5590, 5717, 5589, 5313, 5275, 5510, 5290, 5679, 5388, 5640, 5582, 5284, 5399, 5337, 5518, 5434, 5487, 5526, 5412, 5349, 5541, 5524, 5644, 5396, 5695, 5612, 5310, 5540, 5563, 5546, 5707, 5268, 5419, 5636, 5506, 5671, 5722, 5361, 5299, 5444, 5427, 5519, 5445, 5366, 5365, 5615, 5288, 5437, 5451, 5629, 5490, 5489, 5359, 5262, 5654, 5622, 5345, 5274, 5286, 5669, 5251, 5575, 5334, 5381, 5594, 5699, 5665, 5536, 5392, 5403, 5479, 5258, 5260, 5633 (1 hits) (06/04/2014 05:19:38 PM)
4	9	1.0	333.0	Yes	5547.0MHz, -54.0dBm	Hop sequence: 5588, 5510, 5324, 5643, 5599, 5653, 5369, 5327, 5669, 5648, 5491, 5668, 5487, 5678, 5544, 5573, 5440, 5623, 5691, 5469, 5682, 5482, 5444, 5446, 5347, 5700, 5556, 5309, 5575, 5467, 5472, 5254, 5662, 5565, 5718, 5445, 5584, 5391, 5285, 5310, 5708, 5394, 5413, 5400, 5422, 5549, 5695, 5547, 5716, 5364, 5626, 5291, 5307,

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5557, 5493, 5661, 5636, 5414, 5451, 5461, 5542, 5305, 5258, 5443, 5571, 5531, 5465, 5552, 5385, 5704, 5477, 5354, 5712, 5514, 5598, 5273, 5696, 5515, 5713, 5436, 5502, 5596, 5721, 5485, 5315, 5554, 5473, 5334, 5302, 5263, 5401, 5438, 5405, 5283, 5686, 5368, 5529, 5264, 5511, 5292 (4 hits) (06/04/2014 05:19:47 PM)
5	9	1.0	333.0	Yes	5548.0MHz, -54.0dBm	Hop sequence: 5329, 5637, 5305, 5376, 5599, 5278, 5670, 5277, 5557, 5643, 5574, 5472, 5657, 5716, 5312, 5508, 5617, 5580, 5540, 5284, 5687, 5411, 5417, 5543, 5425, 5563, 5649, 5378, 5679, 5490, 5288, 5585, 5612, 5539, 5401, 5407, 5556, 5566, 5530, 5408, 5325, 5638, 5535, 5604, 5606, 5573, 5296, 5682, 5351, 5367, 5697, 5462, 5301, 5597, 5665, 5650, 5524, 5667, 5279, 5335, 5298, 5708, 5660, 5360, 5265, 5655, 5641, 5442, 5706, 5414, 5693, 5493, 5379, 5327, 5500, 5584, 5609, 5374, 5416, 5454, 5387, 5621, 5404, 5695, 5635, 5267, 5436, 5400, 5546, 5498, 5648, 5294, 5311, 5681, 5362, 5591, 5516, 5614, 5527, 5412 (1 hits) (06/04/2014 05:19:54 PM)
6	9	1.0	333.0	Yes	5549.0MHz, -54.0dBm	Hop sequence: 5692, 5575, 5374, 5684, 5701, 5543, 5594, 5498, 5671, 5503, 5424, 5586, 5525, 5376, 5370, 5419, 5315, 5703, 5486, 5387, 5404, 5366, 5474, 5266, 5383, 5345, 5571, 5395, 5694, 5602, 5256, 5660, 5592, 5616, 5710, 5489, 5651, 5495, 5434, 5555, 5423, 5627, 5325, 5464, 5418, 5650, 5678, 5664, 5331, 5429, 5470, 5286, 5362, 5632, 5673, 5578, 5582, 5685, 5501, 5333, 5350, 5287, 5483, 5302, 5352, 5433, 5595, 5414, 5519, 5591, 5561, 5661, 5471, 5450, 5513, 5672, 5609, 5573, 5402, 5363, 5417, 5649, 5541, 5639, 5527, 5540, 5472, 5713, 5451, 5619, 5430, 5254, 5648, 5688, 5290, 5682, 5624, 5502, 5532, 5550 (1 hits) (06/04/2014 05:20:02 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
7	9	1.0	333.0	Yes	5550.0MHz, -54.0dBm	Hop sequence: 5559, 5377, 5400, 5258, 5374, 5448, 5294, 5576, 5563, 5512, 5445, 5364, 5647, 5550, 5356, 5483, 5671, 5320, 5366, 5612, 5544, 5522, 5561, 5530, 5402, 5401, 5318, 5463, 5619, 5667, 5440, 5424, 5519, 5452, 5629, 5291, 5404, 5489, 5255, 5276, 5622, 5569, 5589, 5326, 5510, 5506, 5422, 5514, 5688, 5503, 5575, 5472, 5332, 5508, 5636, 5502, 5389, 5410, 5620, 5431, 5621, 5628, 5501, 5451, 5595, 5254, 5319, 5584, 5419, 5630, 5263, 5583, 5565, 5464, 5554, 5453, 5416, 5664, 5469, 5257, 5386, 5532, 5365, 5382, 5354, 5395, 5436, 5599, 5699, 5376, 5447, 5649, 5341, 5603, 5616, 5426, 5568, 5573, 5479, 5284 (2 hits) (06/04/2014 05:20:10 PM)
8	9	1.0	333.0	Yes	5551.0MHz, -54.0dBm	Hop sequence: 5504, 5361, 5255, 5484, 5471, 5492, 5413, 5721, 5544, 5546, 5467, 5483, 5449, 5625, 5395, 5677, 5351, 5358, 5444, 5397, 5524, 5716, 5408, 5651, 5695, 5670, 5417, 5630, 5308, 5285, 5572, 5668, 5430, 5539, 5432, 5556, 5694, 5253, 5468, 5275, 5590, 5624, 5396, 5409, 5509, 5641, 5714, 5411, 5317, 5543, 5365, 5289, 5645, 5521, 5376, 5498, 5325, 5675, 5318, 5379, 5493, 5276, 5277, 5638, 5679, 5656, 5370, 5507, 5424, 5578, 5448, 5527, 5616, 5567, 5522, 5622, 5302, 5316, 5655, 5520, 5674, 5456, 5303, 5331, 5410, 5260, 5371, 5422, 5532, 5359, 5416, 5661, 5402, 5715, 5538, 5266, 5381, 5472, 5366, 5329 (1 hits) (06/04/2014 05:20:17 PM)
9	9	1.0	333.0	Yes	5552.0MHz, -54.0dBm	Hop sequence: 5559, 5621, 5432, 5594, 5637, 5392, 5610, 5327, 5547, 5545, 5571, 5538, 5323, 5581, 5574, 5311, 5662, 5445, 5427, 5503, 5608, 5296, 5463, 5696, 5376, 5406, 5452, 5438, 5575, 5266, 5701, 5686, 5486, 5379, 5429, 5412, 5602, 5493, 5302, 5433, 5613, 5348, 5312, 5395, 5515, 5643, 5447, 5669, 5721, 5321, 5687, 5530, 5678,

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5470, 5516, 5355, 5297, 5424, 5350, 5542, 5487, 5481, 5633, 5629, 5448, 5381, 5475, 5684, 5645, 5690, 5386, 5715, 5262, 5340, 5635, 5417, 5252, 5285, 5282, 5713, 5502, 5477, 5318, 5640, 5326, 5698, 5646, 5267, 5694, 5500, 5366, 5648, 5443, 5441, 5261, 5539, 5623, 5469, 5423, 5314 (1 hits) (06/04/2014 05:20:26 PM)
10	9	1.0	333.0	Yes	5553.0MHz, -54.0dBm	Hop sequence: 5309, 5352, 5321, 5429, 5287, 5389, 5648, 5254, 5690, 5599, 5706, 5385, 5494, 5298, 5628, 5276, 5455, 5640, 5454, 5687, 5661, 5691, 5360, 5695, 5532, 5583, 5267, 5391, 5423, 5644, 5418, 5613, 5398, 5343, 5322, 5432, 5678, 5717, 5636, 5560, 5272, 5489, 5379, 5533, 5507, 5381, 5443, 5284, 5306, 5637, 5602, 5719, 5301, 5356, 5592, 5570, 5658, 5513, 5606, 5663, 5329, 5568, 5520, 5280, 5288, 5646, 5531, 5516, 5539, 5505, 5449, 5569, 5326, 5304, 5696, 5279, 5650, 5422, 5621, 5344, 5591, 5558, 5601, 5297, 5383, 5327, 5542, 5331, 5528, 5438, 5565, 5603, 5463, 5419, 5720, 5623, 5342, 5369, 5477, 5546 (1 hits) (06/04/2014 05:20:34 PM)
11	9	1.0	333.0	Yes	5554.0MHz, -54.0dBm	Hop sequence: 5278, 5283, 5312, 5259, 5309, 5284, 5603, 5348, 5429, 5379, 5541, 5392, 5530, 5388, 5260, 5606, 5300, 5276, 5665, 5672, 5489, 5529, 5415, 5493, 5557, 5368, 5267, 5467, 5350, 5461, 5721, 5398, 5401, 5677, 5714, 5419, 5551, 5287, 5589, 5351, 5397, 5586, 5382, 5282, 5255, 5365, 5534, 5275, 5441, 5602, 5482, 5575, 5253, 5404, 5462, 5718, 5671, 5422, 5678, 5295, 5660, 5292, 5717, 5308, 5298, 5614, 5407, 5400, 5621, 5651, 5687, 5491, 5310, 5688, 5449, 5273, 5580, 5471, 5698, 5363, 5682, 5650, 5428, 5314, 5608, 5701, 5724, 5344, 5355, 5556, 5504, 5629, 5579, 5537, 5694, 5377, 5582, 5617, 5262, 5683 (1 hits) (06/04/2014 05:20:41 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
12	9	1.0	333.0	Yes	5546.0MHz, -54.0dBm	Hop sequence: 5544, 5277, 5501, 5370, 5723, 5600, 5698, 5537, 5402, 5709, 5300, 5717, 5496, 5341, 5362, 5500, 5447, 5558, 5676, 5385, 5562, 5657, 5611, 5320, 5607, 5539, 5491, 5384, 5536, 5609, 5386, 5254, 5646, 5706, 5461, 5547, 5446, 5525, 5617, 5561, 5664, 5432, 5287, 5615, 5425, 5398, 5490, 5448, 5471, 5523, 5389, 5388, 5439, 5556, 5274, 5419, 5580, 5623, 5695, 5430, 5571, 5411, 5268, 5533, 5458, 5658, 5423, 5631, 5515, 5450, 5406, 5474, 5408, 5499, 5549, 5629, 5597, 5313, 5649, 5407, 5358, 5497, 5488, 5570, 5351, 5708, 5431, 5606, 5459, 5454, 5529, 5343, 5514, 5400, 5451, 5512, 5433, 5265, 5344, 5318 (2 hits) (06/04/2014 05:20:49 PM)
13	9	1.0	333.0	Yes	5547.0MHz, -54.0dBm	Hop sequence: 5457, 5435, 5327, 5472, 5580, 5513, 5505, 5680, 5388, 5553, 5489, 5523, 5498, 5258, 5534, 5320, 5467, 5596, 5701, 5481, 5598, 5521, 5263, 5373, 5613, 5325, 5298, 5623, 5485, 5350, 5355, 5294, 5254, 5487, 5391, 5378, 5387, 5392, 5436, 5635, 5260, 5288, 5442, 5686, 5361, 5690, 5595, 5597, 5464, 5480, 5399, 5535, 5499, 5465, 5575, 5581, 5290, 5648, 5552, 5280, 5306, 5458, 5708, 5363, 5379, 5473, 5628, 5362, 5492, 5483, 5564, 5615, 5416, 5645, 5477, 5490, 5536, 5508, 5383, 5604, 5333, 5324, 5479, 5341, 5629, 5270, 5394, 5275, 5684, 5675, 5299, 5256, 5688, 5347, 5336, 5644, 5633, 5396, 5579, 5666 (2 hits) (06/04/2014 05:20:56 PM)
14	9	1.0	333.0	Yes	5548.0MHz, -54.0dBm	Hop sequence: 5276, 5289, 5578, 5427, 5460, 5493, 5466, 5314, 5641, 5375, 5489, 5461, 5440, 5439, 5472, 5504, 5561, 5459, 5260, 5633, 5599, 5421, 5502, 5478, 5332, 5716, 5343, 5315, 5637, 5295, 5595, 5491, 5607, 5622, 5422, 5430, 5458, 5565, 5588, 5297, 5485, 5698, 5463, 5548, 5521, 5606, 5477, 5431, 5552, 5465, 5316, 5696, 5287,

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5415, 5416, 5551, 5349, 5318, 5259, 5301, 5483, 5567, 5394, 5535, 5594, 5614, 5612, 5464, 5557, 5462, 5625, 5718, 5518, 5527, 5684, 5665, 5532, 5405, 5620, 5486, 5476, 5697, 5515, 5529, 5531, 5582, 5442, 5540, 5568, 5723, 5420, 5617, 5714, 5494, 5363, 5435, 5653, 5280, 5362, 5675 (3 hits) (06/04/2014 05:21:03 PM)
15	9	1.0	333.0	Yes	5549.0MHz, -54.0dBm	Hop sequence: 5348, 5681, 5374, 5452, 5641, 5659, 5412, 5339, 5572, 5516, 5565, 5491, 5353, 5449, 5606, 5373, 5275, 5366, 5405, 5470, 5642, 5529, 5278, 5668, 5722, 5303, 5562, 5262, 5603, 5358, 5302, 5637, 5359, 5720, 5356, 5355, 5662, 5442, 5259, 5620, 5384, 5670, 5690, 5433, 5479, 5276, 5343, 5548, 5539, 5691, 5285, 5292, 5300, 5686, 5274, 5542, 5351, 5289, 5663, 5261, 5711, 5357, 5618, 5518, 5676, 5297, 5464, 5692, 5363, 5397, 5468, 5677, 5328, 5706, 5370, 5546, 5593, 5689, 5489, 5440, 5679, 5325, 5616, 5382, 5376, 5428, 5558, 5504, 5699, 5500, 5628, 5286, 5338, 5319, 5315, 5255, 5434, 5721, 5336, 5411 (2 hits) (06/04/2014 05:21:10 PM)
16	9	1.0	333.0	Yes	5550.0MHz, -54.0dBm	Hop sequence: 5703, 5576, 5330, 5581, 5350, 5575, 5258, 5539, 5255, 5651, 5251, 5308, 5411, 5593, 5399, 5656, 5660, 5351, 5523, 5680, 5368, 5259, 5652, 5303, 5672, 5596, 5295, 5395, 5439, 5546, 5585, 5431, 5470, 5471, 5695, 5302, 5598, 5376, 5414, 5556, 5415, 5261, 5544, 5371, 5441, 5706, 5538, 5582, 5378, 5281, 5305, 5380, 5318, 5260, 5328, 5374, 5498, 5578, 5367, 5668, 5348, 5269, 5670, 5624, 5288, 5532, 5592, 5253, 5487, 5309, 5714, 5664, 5692, 5520, 5590, 5437, 5298, 5711, 5564, 5586, 5468, 5334, 5563, 5488, 5337, 5655, 5286, 5583, 5433, 5396, 5623, 5713, 5675, 5352, 5313, 5610, 5691, 5517, 5252, 5408 (1 hits) (06/04/2014 05:21:18 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
17	9	1.0	333.0	Yes	5551.0MHz, -54.0dBm	Hop sequence: 5504, 5294, 5475, 5610, 5427, 5615, 5523, 5329, 5635, 5564, 5715, 5640, 5521, 5536, 5251, 5325, 5470, 5326, 5260, 5548, 5691, 5721, 5571, 5346, 5572, 5436, 5516, 5281, 5628, 5369, 5720, 5376, 5393, 5512, 5623, 5509, 5551, 5530, 5538, 5651, 5344, 5586, 5503, 5664, 5410, 5547, 5587, 5585, 5688, 5298, 5451, 5626, 5659, 5544, 5621, 5549, 5425, 5450, 5533, 5671, 5563, 5618, 5412, 5395, 5499, 5453, 5597, 5665, 5409, 5497, 5673, 5486, 5334, 5716, 5380, 5432, 5284, 5351, 5472, 5526, 5384, 5638, 5690, 5429, 5692, 5542, 5296, 5488, 5262, 5631, 5471, 5330, 5458, 5723, 5454, 5636, 5275, 5667, 5603, 5352 (4 hits) (06/04/2014 05:21:25 PM)
18	9	1.0	333.0	Yes	5552.0MHz, -54.0dBm	Hop sequence: 5707, 5448, 5414, 5346, 5470, 5269, 5380, 5459, 5545, 5543, 5709, 5324, 5524, 5613, 5702, 5405, 5272, 5580, 5330, 5289, 5620, 5485, 5590, 5419, 5635, 5529, 5332, 5434, 5460, 5633, 5627, 5371, 5537, 5329, 5457, 5654, 5522, 5618, 5550, 5638, 5700, 5439, 5578, 5656, 5379, 5450, 5293, 5680, 5326, 5489, 5559, 5655, 5347, 5478, 5598, 5560, 5493, 5660, 5328, 5388, 5290, 5308, 5649, 5410, 5300, 5327, 5643, 5354, 5482, 5503, 5705, 5704, 5671, 5462, 5564, 5486, 5301, 5453, 5642, 5437, 5333, 5544, 5267, 5497, 5288, 5687, 5291, 5416, 5265, 5554, 5259, 5586, 5608, 5397, 5516, 5717, 5418, 5436, 5361, 5640 (2 hits) (06/04/2014 05:21:33 PM)
19	9	1.0	333.0	Yes	5553.0MHz, -54.0dBm	Hop sequence: 5525, 5258, 5297, 5572, 5593, 5618, 5305, 5694, 5426, 5485, 5623, 5710, 5557, 5307, 5505, 5574, 5630, 5274, 5592, 5494, 5502, 5283, 5580, 5484, 5565, 5512, 5399, 5545, 5294, 5507, 5433, 5424, 5488, 5344, 5563, 5318, 5685, 5609, 5402, 5542, 5419, 5278, 5516, 5650, 5595, 5567, 5591, 5456, 5287, 5407, 5255, 5590, 5302,

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5346, 5314, 5475, 5711, 5476, 5501, 5396, 5260, 5524, 5267, 5387, 5528, 5553, 5459, 5282, 5257, 5382, 5725, 5268, 5422, 5269, 5471, 5626, 5403, 5551, 5496, 5490, 5461, 5635, 5350, 5359, 5336, 5347, 5483, 5252, 5583, 5511, 5374, 5599, 5400, 5289, 5720, 5629, 5714, 5712, 5429, 5337 (2 hits) (06/04/2014 05:21:42 PM)
20	9	1.0	333.0	Yes	5554.0MHz, -54.0dBm	Hop sequence: 5722, 5289, 5509, 5687, 5592, 5388, 5417, 5333, 5304, 5387, 5369, 5251, 5432, 5296, 5679, 5270, 5328, 5541, 5297, 5521, 5637, 5585, 5629, 5462, 5300, 5672, 5562, 5595, 5441, 5560, 5620, 5534, 5354, 5573, 5494, 5501, 5290, 5477, 5475, 5487, 5426, 5607, 5590, 5381, 5476, 5431, 5385, 5392, 5641, 5650, 5400, 5617, 5610, 5506, 5428, 5593, 5273, 5259, 5305, 5705, 5415, 5614, 5423, 5396, 5623, 5579, 5655, 5263, 5362, 5503, 5633, 5376, 5499, 5589, 5306, 5571, 5250, 5489, 5707, 5709, 5466, 5723, 5419, 5301, 5700, 5676, 5465, 5427, 5626, 5357, 5311, 5324, 5587, 5693, 5567, 5444, 5479, 5292, 5674, 5546 (1 hits) (06/04/2014 05:21:50 PM)
21	9	1.0	333.0	Yes	5546.0MHz, -54.0dBm	Hop sequence: 5638, 5715, 5696, 5433, 5269, 5622, 5262, 5301, 5448, 5559, 5651, 5368, 5452, 5574, 5387, 5613, 5332, 5596, 5445, 5709, 5287, 5491, 5501, 5686, 5579, 5300, 5557, 5472, 5276, 5280, 5477, 5454, 5505, 5446, 5539, 5543, 5413, 5560, 5260, 5508, 5692, 5591, 5390, 5617, 5482, 5581, 5442, 5307, 5565, 5299, 5718, 5339, 5322, 5304, 5443, 5685, 5595, 5604, 5252, 5407, 5259, 5642, 5648, 5275, 5492, 5493, 5542, 5277, 5464, 5699, 5365, 5279, 5453, 5546, 5503, 5335, 5496, 5661, 5666, 5520, 5509, 5474, 5624, 5547, 5342, 5517, 5346, 5381, 5318, 5588, 5344, 5369, 5473, 5486, 5258, 5392, 5319, 5328, 5527, 5490 (2 hits) (06/04/2014 05:21:58 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
22	9	1.0	333.0	Yes	5547.0MHz, -54.0dBm	Hop sequence: 5461, 5354, 5620, 5492, 5384, 5272, 5479, 5314, 5596, 5652, 5327, 5368, 5545, 5416, 5622, 5337, 5702, 5610, 5366, 5302, 5508, 5471, 5516, 5486, 5455, 5317, 5725, 5645, 5420, 5591, 5315, 5567, 5388, 5456, 5688, 5468, 5631, 5693, 5672, 5512, 5430, 5358, 5311, 5309, 5405, 5648, 5292, 5562, 5251, 5395, 5642, 5424, 5533, 5482, 5250, 5580, 5369, 5487, 5448, 5412, 5614, 5570, 5362, 5339, 5623, 5351, 5683, 5558, 5293, 5467, 5445, 5360, 5501, 5588, 5442, 5550, 5546, 5626, 5254, 5700, 5290, 5629, 5465, 5415, 5673, 5607, 5571, 5677, 5634, 5608, 5392, 5556, 5719, 5261, 5613, 5460, 5519, 5316, 5593, 5431 (2 hits) (06/04/2014 05:22:06 PM)
23	9	1.0	333.0	Yes	5548.0MHz, -54.0dBm	Hop sequence: 5587, 5539, 5624, 5372, 5707, 5322, 5641, 5400, 5295, 5367, 5694, 5601, 5270, 5541, 5392, 5347, 5617, 5266, 5423, 5691, 5586, 5325, 5436, 5632, 5537, 5403, 5443, 5456, 5649, 5517, 5396, 5677, 5534, 5313, 5652, 5533, 5585, 5498, 5528, 5293, 5320, 5291, 5424, 5432, 5355, 5642, 5650, 5577, 5256, 5686, 5578, 5639, 5452, 5465, 5547, 5655, 5651, 5463, 5407, 5681, 5483, 5428, 5590, 5502, 5697, 5487, 5339, 5376, 5597, 5608, 5622, 5722, 5557, 5415, 5460, 5378, 5285, 5439, 5606, 5599, 5370, 5671, 5668, 5698, 5445, 5678, 5405, 5389, 5311, 5345, 5545, 5479, 5307, 5531, 5708, 5682, 5287, 5297, 5715, 5453 (1 hits) (06/04/2014 05:22:14 PM)
24	9	1.0	333.0	Yes	5549.0MHz, -54.0dBm	Hop sequence: 5497, 5422, 5385, 5445, 5574, 5618, 5386, 5509, 5430, 5506, 5314, 5615, 5258, 5281, 5366, 5320, 5721, 5498, 5341, 5444, 5455, 5668, 5411, 5633, 5334, 5659, 5681, 5302, 5671, 5534, 5446, 5482, 5447, 5677, 5499, 5325, 5433, 5454, 5694, 5664, 5680, 5363, 5667, 5654, 5565, 5578, 5656, 5662, 5606, 5693, 5374, 5511, 5344,

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5355, 5651, 5623, 5256, 5304, 5379, 5453, 5393, 5630, 5614, 5516, 5479, 5331, 5275, 5572, 5594, 5514, 5328, 5545, 5556, 5634, 5470, 5387, 5269, 5364, 5468, 5268, 5619, 5632, 5284, 5599, 5560, 5613, 5647, 5336, 5273, 5586, 5480, 5602, 5357, 5605, 5375, 5483, 5323, 5367, 5525, 5551 (1 hits) (06/04/2014 05:22:21 PM)
25	9	1.0	333.0	Yes	5550.0MHz, -54.0dBm	Hop sequence: 5531, 5608, 5551, 5358, 5642, 5387, 5299, 5518, 5519, 5514, 5443, 5672, 5380, 5448, 5436, 5343, 5509, 5590, 5435, 5441, 5480, 5292, 5329, 5562, 5677, 5632, 5308, 5625, 5663, 5489, 5532, 5507, 5508, 5364, 5296, 5569, 5649, 5607, 5574, 5349, 5318, 5476, 5555, 5351, 5665, 5258, 5373, 5370, 5492, 5711, 5517, 5431, 5392, 5626, 5704, 5440, 5707, 5313, 5403, 5423, 5407, 5320, 5307, 5614, 5715, 5526, 5613, 5671, 5333, 5540, 5494, 5465, 5376, 5713, 5262, 5501, 5463, 5545, 5624, 5394, 5316, 5475, 5399, 5279, 5386, 5365, 5641, 5305, 5413, 5579, 5723, 5382, 5629, 5276, 5563, 5630, 5259, 5451, 5512, 5482 (1 hits) (06/04/2014 05:22:28 PM)
26	9	1.0	333.0	Yes	5551.0MHz, -54.0dBm	Hop sequence: 5483, 5367, 5609, 5506, 5457, 5497, 5253, 5608, 5571, 5653, 5254, 5377, 5708, 5387, 5399, 5400, 5421, 5301, 5297, 5531, 5285, 5257, 5527, 5568, 5337, 5359, 5628, 5716, 5519, 5637, 5415, 5588, 5635, 5570, 5438, 5426, 5532, 5390, 5661, 5621, 5582, 5606, 5585, 5389, 5586, 5573, 5636, 5435, 5416, 5347, 5322, 5549, 5647, 5622, 5574, 5644, 5688, 5520, 5376, 5445, 5350, 5680, 5419, 5584, 5267, 5646, 5598, 5522, 5550, 5560, 5270, 5378, 5679, 5700, 5273, 5439, 5674, 5476, 5379, 5280, 5298, 5262, 5357, 5396, 5478, 5292, 5599, 5502, 5335, 5410, 5539, 5469, 5436, 5287, 5465, 5365, 5715, 5263, 5601, 5383 (2 hits) (06/04/2014 05:22:35 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
27	9	1.0	333.0	Yes	5552.0MHz, -54.0dBm	Hop sequence: 5701, 5255, 5303, 5451, 5708, 5344, 5714, 5673, 5639, 5580, 5588, 5293, 5297, 5661, 5536, 5586, 5369, 5609, 5325, 5546, 5280, 5544, 5395, 5691, 5467, 5309, 5632, 5342, 5501, 5388, 5644, 5551, 5479, 5409, 5494, 5398, 5637, 5651, 5289, 5461, 5417, 5350, 5688, 5433, 5554, 5348, 5590, 5659, 5611, 5685, 5614, 5282, 5401, 5473, 5480, 5285, 5553, 5483, 5352, 5374, 5670, 5575, 5458, 5556, 5387, 5324, 5281, 5658, 5318, 5656, 5603, 5462, 5286, 5465, 5311, 5347, 5605, 5471, 5512, 5294, 5678, 5606, 5472, 5717, 5534, 5292, 5550, 5663, 5334, 5283, 5597, 5696, 5671, 5549, 5354, 5650, 5327, 5384, 5365, 5713 (6 hits) (06/04/2014 05:22:42 PM)
28	9	1.0	333.0	Yes	5553.0MHz, -54.0dBm	Hop sequence: 5680, 5540, 5646, 5649, 5428, 5632, 5529, 5569, 5642, 5689, 5267, 5265, 5376, 5553, 5282, 5566, 5411, 5374, 5629, 5486, 5595, 5285, 5622, 5272, 5581, 5630, 5383, 5533, 5712, 5691, 5475, 5568, 5442, 5473, 5477, 5662, 5365, 5522, 5459, 5292, 5658, 5399, 5432, 5278, 5562, 5497, 5358, 5723, 5327, 5683, 5340, 5638, 5573, 5350, 5584, 5446, 5496, 5342, 5579, 5457, 5381, 5366, 5536, 5541, 5466, 5670, 5549, 5708, 5559, 5452, 5305, 5311, 5720, 5726, 5415, 5369, 5337, 5650, 5677, 5385, 5606, 5275, 5601, 5512, 5510, 5437, 5590, 5283, 5471, 5353, 5640, 5602, 5464, 5543, 5268, 5304, 5254, 5527, 5643, 5453 (2 hits) (06/04/2014 05:22:50 PM)
29	9	1.0	333.0	Yes	5554.0MHz, -54.0dBm	Hop sequence: 5411, 5511, 5489, 5622, 5701, 5253, 5341, 5502, 5627, 5409, 5290, 5702, 5406, 5488, 5317, 5438, 5637, 5520, 5601, 5651, 5440, 5587, 5540, 5664, 5416, 5527, 5345, 5525, 5636, 5275, 5320, 5662, 5383, 5374, 5251, 5721, 5692, 5348, 5705, 5666, 5279, 5510, 5390, 5421, 5696, 5362, 5505, 5354, 5382, 5531, 5260, 5726, 5457,

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5264, 5277, 5593, 5569, 5554, 5315, 5676, 5687, 5493, 5447, 5614, 5485, 5448, 5615, 5311, 5561, 5297, 5610, 5352, 5695, 5519, 5414, 5607, 5335, 5599, 5714, 5633, 5439, 5504, 5343, 5478, 5617, 5545, 5710, 5459, 5597, 5366, 5575, 5410, 5408, 5384, 5309, 5378, 5371, 5428, 5567, 5280 (1 hits) (06/04/2014 05:22:57 PM)
30	9	1.0	333.0	Yes	5546.0MHz, -54.0dBm	Hop sequence: 5578, 5621, 5335, 5263, 5277, 5441, 5366, 5557, 5480, 5646, 5660, 5688, 5560, 5556, 5514, 5383, 5358, 5318, 5267, 5470, 5331, 5568, 5412, 5402, 5699, 5410, 5508, 5284, 5391, 5255, 5399, 5598, 5357, 5426, 5658, 5718, 5397, 5392, 5632, 5337, 5425, 5630, 5600, 5265, 5330, 5436, 5543, 5644, 5389, 5601, 5674, 5368, 5531, 5654, 5287, 5649, 5475, 5554, 5662, 5455, 5356, 5416, 5481, 5683, 5493, 5382, 5381, 5566, 5559, 5696, 5433, 5650, 5491, 5669, 5325, 5414, 5315, 5676, 5299, 5294, 5408, 5506, 5314, 5354, 5257, 5616, 5707, 5492, 5500, 5640, 5393, 5690, 5293, 5504, 5494, 5454, 5472, 5586, 5511, 5302 (1 hits) (06/04/2014 05:23:04 PM)
31	9	1.0	333.0	Yes	5547.0MHz, -54.0dBm	Hop sequence: 5610, 5500, 5629, 5362, 5517, 5496, 5552, 5582, 5251, 5409, 5455, 5281, 5676, 5626, 5549, 5491, 5420, 5585, 5665, 5471, 5673, 5466, 5480, 5402, 5253, 5612, 5583, 5607, 5397, 5619, 5601, 5692, 5468, 5334, 5678, 5322, 5320, 5530, 5511, 5557, 5646, 5594, 5548, 5485, 5622, 5695, 5576, 5427, 5725, 5685, 5340, 5643, 5283, 5558, 5354, 5683, 5453, 5672, 5493, 5633, 5424, 5425, 5426, 5553, 5355, 5641, 5650, 5572, 5415, 5274, 5252, 5263, 5335, 5416, 5564, 5449, 5707, 5304, 5660, 5282, 5518, 5435, 5395, 5568, 5364, 5618, 5535, 5341, 5556, 5656, 5611, 5429, 5380, 5636, 5550, 5508, 5649, 5694, 5630, 5670 (5 hits) (06/04/2014 05:23:11 PM)

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
32	9	1.0	333.0	Yes	5548.0MHz, -54.0dBm	Hop sequence: 5267, 5494, 5337, 5681, 5661, 5605, 5606, 5280, 5686, 5610, 5477, 5706, 5576, 5466, 5387, 5399, 5580, 5448, 5620, 5482, 5526, 5386, 5598, 5434, 5275, 5409, 5486, 5662, 5352, 5349, 5293, 5395, 5623, 5522, 5449, 5431, 5330, 5440, 5354, 5359, 5500, 5475, 5340, 5451, 5286, 5429, 5648, 5659, 5336, 5419, 5548, 5323, 5422, 5709, 5726, 5365, 5700, 5725, 5687, 5596, 5487, 5346, 5626, 5535, 5546, 5261, 5579, 5469, 5435, 5615, 5534, 5250, 5425, 5384, 5523, 5458, 5521, 5407, 5370, 5597, 5556, 5591, 5613, 5660, 5287, 5609, 5679, 5712, 5537, 5313, 5490, 5311, 5402, 5612, 5503, 5255, 5257, 5251, 5316, 5671 (2 hits) (06/04/2014 05:23:18 PM)
33	9	1.0	333.0	Yes	5549.0MHz, -54.0dBm	Hop sequence: 5586, 5650, 5264, 5326, 5480, 5440, 5665, 5581, 5513, 5591, 5474, 5365, 5279, 5503, 5614, 5301, 5398, 5619, 5649, 5553, 5449, 5354, 5527, 5441, 5701, 5691, 5520, 5621, 5459, 5515, 5468, 5482, 5655, 5267, 5266, 5319, 5332, 5645, 5376, 5636, 5488, 5580, 5575, 5709, 5400, 5355, 5350, 5486, 5394, 5712, 5584, 5499, 5418, 5364, 5601, 5285, 5303, 5544, 5583, 5437, 5462, 5368, 5638, 5667, 5271, 5317, 5576, 5270, 5384, 5309, 5715, 5367, 5457, 5327, 5452, 5291, 5577, 5323, 5569, 5467, 5260, 5473, 5339, 5694, 5366, 5489, 5639, 5522, 5456, 5353, 5314, 5666, 5297, 5493, 5331, 5388, 5504, 5268, 5714, 5683 (1 hits) (06/04/2014 05:23:25 PM)
34	9	1.0	333.0	Yes	5550.0MHz, -54.0dBm	Hop sequence: 5685, 5342, 5583, 5275, 5518, 5380, 5359, 5340, 5280, 5453, 5716, 5683, 5517, 5264, 5678, 5522, 5520, 5323, 5329, 5372, 5322, 5338, 5693, 5263, 5587, 5428, 5450, 5696, 5376, 5339, 5473, 5499, 5291, 5655, 5551, 5549, 5358, 5411, 5715, 5676, 5488, 5408, 5507, 5289, 5318, 5621, 5353, 5665, 5684, 5582, 5698, 5279, 5604,

Table 44 - FCC frequency hopping radar (Type 6) Results 10 MHz BW mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5283, 5700, 5391, 5516, 5580, 5418, 5478, 5406, 5423, 5575, 5608, 5325, 5578, 5567, 5310, 5422, 5548, 5364, 5347, 5292, 5335, 5626, 5296, 5288, 5703, 5407, 5523, 5440, 5315, 5500, 5601, 5442, 5556, 5535, 5378, 5502, 5612, 5251, 5468, 5312, 5632, 5589, 5638, 5343, 5532, 5490, 5479 (3 hits) (06/04/2014 05:23:32 PM)
35	9	1.0	333.0	Yes	5551.0MHz, -54.0dBm	Hop sequence: 5718, 5494, 5605, 5352, 5590, 5469, 5402, 5516, 5503, 5480, 5534, 5436, 5656, 5314, 5588, 5429, 5408, 5676, 5654, 5323, 5395, 5636, 5490, 5552, 5324, 5604, 5569, 5349, 5252, 5360, 5336, 5646, 5722, 5637, 5407, 5419, 5650, 5368, 5481, 5573, 5557, 5631, 5644, 5692, 5420, 5542, 5485, 5611, 5492, 5421, 5322, 5543, 5629, 5616, 5523, 5365, 5556, 5584, 5571, 5580, 5597, 5509, 5659, 5417, 5267, 5558, 5525, 5461, 5281, 5441, 5446, 5357, 5627, 5520, 5483, 5620, 5499, 5680, 5374, 5293, 5679, 5662, 5471, 5262, 5356, 5549, 5306, 5586, 5280, 5493, 5508, 5479, 5276, 5496, 5548, 5355, 5610, 5712, 5634, 5505 (3 hits) (06/04/2014 05:23:39 PM)
36	9	1.0	333.0	Yes	5552.0MHz, -54.0dBm	Hop sequence: 5372, 5685, 5325, 5475, 5641, 5446, 5543, 5648, 5324, 5344, 5482, 5623, 5418, 5531, 5275, 5624, 5321, 5702, 5652, 5634, 5263, 5254, 5367, 5294, 5682, 5408, 5474, 5444, 5689, 5581, 5701, 5457, 5426, 5527, 5649, 5620, 5290, 5654, 5507, 5476, 5633, 5672, 5500, 5629, 5460, 5578, 5515, 5320, 5407, 5601, 5711, 5447, 5691, 5602, 5665, 5575, 5260, 5723, 5645, 5721, 5448, 5471, 5485, 5559, 5356, 5266, 5363, 5375, 5544, 5451, 5401, 5653, 5693, 5348, 5599, 5704, 5657, 5539, 5355, 5551, 5713, 5399, 5443, 5335, 5271, 5434, 5719, 5589, 5303, 5396, 5334, 5253, 5393, 5267, 5541, 5359, 5514, 5521, 5593, 5696 (1 hits) (06/04/2014 05:23:46 PM)

Table 45 - Detection Bandwidth Measurements (Bandwidth: +9MHz /-9MHz) 20MHz BW (55 tx, 45 rx ratio)					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5540.00 MHz	0	3	0
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5541.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5542.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5543.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5544.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5545.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5546.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5547.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5548.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5549.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5550.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5551.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5552.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5553.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5554.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5555.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5556.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5557.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5558.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5559.00 MHz	10	0	100
5550.00 MHz	FCC Short Pulse Radar (Type 1)	5560.00 MHz	0	3	0

Table 46 - Summary of All Results 20MHz BW (55 tx, 45 rx ratio)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	83.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	66.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	80.0 %	60.0 %	30	PASSED
Aggregate of above results	80.8 %	80.0 %	120	PASSED
Long Sequence	80.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	97.4 %	70.0 %	38	PASSED

Table 47 - FCC Short Pulse Radar (Type 1) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:27:49 PM)
2	18	1.0	1428.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:27:58 PM)
3	18	1.0	1428.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:28:05 PM)
4	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:28:12 PM)
5	18	1.0	1428.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:28:19 PM)
6	18	1.0	1428.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:28:26 PM)
7	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:28:35 PM)
8	18	1.0	1428.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:28:43 PM)
9	18	1.0	1428.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:28:51 PM)
10	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:28:59 PM)
11	18	1.0	1428.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:29:07 PM)
12	18	1.0	1428.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:29:14 PM)
13	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:29:23 PM)
14	18	1.0	1428.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:29:32 PM)
15	18	1.0	1428.0	No	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:29:39 PM)
16	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:29:51 PM)
17	18	1.0	1428.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:29:59 PM)
18	18	1.0	1428.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:30:06 PM)
19	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:30:14 PM)
20	18	1.0	1428.0	No	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:30:24 PM)

Table 47 - FCC Short Pulse Radar (Type 1) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
21	18	1.0	1428.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:30:57 PM)
22	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:31:06 PM)
23	18	1.0	1428.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:31:14 PM)
24	18	1.0	1428.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:31:20 PM)
25	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:31:28 PM)
26	18	1.0	1428.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:31:37 PM)
27	18	1.0	1428.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:31:45 PM)
28	18	1.0	1428.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:31:52 PM)
29	18	1.0	1428.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:32:00 PM)
30	18	1.0	1428.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:32:08 PM)

Table 48 - FCC Short Pulse Radar (Type 2) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	25	3.7	157.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:33:22 PM)
2	26	4.9	229.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:33:33 PM)
3	28	3.9	163.0	No	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:33:42 PM)
4	27	3.8	225.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:33:52 PM)
5	25	2.9	175.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:34:01 PM)
6	23	3.1	191.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:34:10 PM)
7	25	2.6	192.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:34:20 PM)
8	29	3.8	192.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:34:29 PM)
9	29	3.9	181.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:34:38 PM)
10	28	2.0	206.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:34:48 PM)
11	26	1.8	227.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:34:58 PM)
12	26	2.8	168.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:35:07 PM)
13	24	3.3	166.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:35:16 PM)
14	27	2.2	189.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:35:28 PM)
15	26	3.4	174.0	Yes	5555.0MHz,	Single burst (06/02/2014 03:35:37

Table 48 - FCC Short Pulse Radar (Type 2) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-55.0dBm	PM)
16	24	2.4	197.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:35:46 PM)
17	25	4.0	219.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:35:55 PM)
18	27	2.1	190.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:36:04 PM)
19	29	4.0	218.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:36:13 PM)
20	25	2.4	210.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:36:23 PM)
21	27	3.0	217.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:36:34 PM)
22	25	2.7	200.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:36:44 PM)
23	24	2.0	219.0	No	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:36:53 PM)
24	26	1.5	188.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:37:03 PM)
25	26	4.2	209.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:37:11 PM)
26	28	3.1	211.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:37:25 PM)
27	24	3.3	216.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:37:34 PM)
28	28	1.9	193.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:37:43 PM)
29	27	2.8	171.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:37:54 PM)
30	23	2.9	220.0	No	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:38:03 PM)

Table 49 - FCC Short Pulse Radar (Type 3) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	7.6	469.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:41:10 PM)
2	18	8.1	203.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:41:59 PM)
3	17	6.6	422.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:42:44 PM)
4	18	8.2	345.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:42:56 PM)
5	18	7.8	385.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:43:08 PM)
6	17	9.7	310.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:43:18 PM)
7	16	6.2	456.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:43:32 PM)
8	18	8.0	429.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:43:42 PM)
9	17	7.0	442.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:43:51 PM)

Table 49 - FCC Short Pulse Radar (Type 3) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
10	16	9.7	314.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:44:00 PM)
11	17	9.9	444.0	No	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:44:09 PM)
12	17	6.1	232.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:44:20 PM)
13	18	7.0	223.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:44:30 PM)
14	16	8.9	488.0	No	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:44:43 PM)
15	17	7.4	290.0	No	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:44:57 PM)
16	16	6.7	300.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:45:10 PM)
17	18	7.4	282.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:45:22 PM)
18	16	6.6	371.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:45:31 PM)
19	17	9.6	340.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:45:45 PM)
20	16	9.1	363.0	No	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:46:09 PM)
21	17	6.8	253.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:46:20 PM)
22	18	8.2	273.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:46:29 PM)
23	17	7.9	301.0	No	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:46:43 PM)
24	16	6.2	398.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:46:56 PM)
25	17	9.3	397.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:47:08 PM)
26	17	9.0	365.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:47:19 PM)
27	18	9.5	292.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:47:30 PM)
28	17	6.6	417.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:47:40 PM)
29	16	8.2	212.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:47:50 PM)
30	16	7.2	302.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:48:10 PM)

Table 50 - FCC Short Pulse Radar (Type 4) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	13	12.8	212.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:49:27 PM)
2	15	11.3	211.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:49:36 PM)
3	16	18.2	298.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:49:50 PM)

Table 50 - FCC Short Pulse Radar (Type 4) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
4	14	12.4	317.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:50:00 PM)
5	14	15.6	465.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:50:09 PM)
6	16	17.8	413.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:50:17 PM)
7	15	16.1	368.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:50:26 PM)
8	13	18.6	238.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:50:35 PM)
9	14	14.4	463.0	No	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:50:44 PM)
10	14	14.2	348.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:50:55 PM)
11	13	16.8	377.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:51:04 PM)
12	15	18.4	253.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:51:14 PM)
13	15	18.6	215.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:51:24 PM)
14	16	15.4	348.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:51:37 PM)
15	12	16.2	245.0	No	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:52:11 PM)
16	14	17.4	310.0	No	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:52:24 PM)
17	15	14.4	471.0	No	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:52:40 PM)
18	15	15.0	406.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:52:56 PM)
19	16	17.2	238.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:53:05 PM)
20	14	15.7	261.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:53:14 PM)
21	14	17.0	491.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:53:27 PM)
22	13	19.7	358.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:53:37 PM)
23	15	11.2	452.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:53:45 PM)
24	13	18.9	410.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:53:58 PM)
25	16	18.3	263.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:54:13 PM)
26	12	16.3	282.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:54:22 PM)
27	15	19.4	462.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:54:34 PM)
28	13	13.3	386.0	Yes	5550.0MHz, -55.0dBm	Single burst (06/02/2014 03:54:44 PM)
29	13	18.8	338.0	Yes	5545.0MHz, -55.0dBm	Single burst (06/02/2014 03:54:54 PM)
30	13	19.6	407.0	Yes	5555.0MHz, -55.0dBm	Single burst (06/02/2014 03:55:10 PM)

Table 51 - Long Sequence Waveform Summary 20MHz BW (55 tx, 45 rx ratio)		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5550.0MHz, -55.0dBm
Trial #2	NOT Detected	5545.0MHz, -55.0dBm
Trial #3	Detected	5555.0MHz, -55.0dBm
Trial #4	Detected	5550.0MHz, -55.0dBm
Trial #5	NOT Detected	5545.0MHz, -55.0dBm
Trial #6	Detected	5555.0MHz, -55.0dBm
Trial #7	Detected	5550.0MHz, -55.0dBm
Trial #8	NOT Detected	5545.0MHz, -55.0dBm
Trial #9	Detected	5555.0MHz, -55.0dBm
Trial #10	Detected	5550.0MHz, -55.0dBm
Trial #11	NOT Detected	5545.0MHz, -55.0dBm
Trial #12	Detected	5555.0MHz, -55.0dBm
Trial #13	Detected	5550.0MHz, -55.0dBm
Trial #14	NOT Detected	5545.0MHz, -55.0dBm
Trial #15	Detected	5555.0MHz, -55.0dBm
Trial #16	Detected	5550.0MHz, -55.0dBm
Trial #17	Detected	5545.0MHz, -55.0dBm
Trial #18	Detected	5555.0MHz, -55.0dBm
Trial #19	Detected	5550.0MHz, -55.0dBm
Trial #20	Detected	5545.0MHz, -55.0dBm
Trial #21	Detected	5555.0MHz, -55.0dBm
Trial #22	Detected	5550.0MHz, -55.0dBm
Trial #23	Detected	5545.0MHz, -55.0dBm
Trial #24	Detected	5555.0MHz, -55.0dBm
Trial #25	Detected	5550.0MHz, -55.0dBm
Trial #26	Detected	5545.0MHz, -55.0dBm
Trial #27	Detected	5555.0MHz, -55.0dBm

Table 51 - Long Sequence Waveform Summary 20MHz BW (55 tx, 45 rx ratio)		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #28	Detected	5550.0MHz, -55.0dBm
Trial #29	NOT Detected	5545.0MHz, -55.0dBm
Trial #30	Detected	5555.0MHz, -55.0dBm

Table 52 - Long Sequence Waveform Trial#1 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	78.0	9	-	-	0.078792
2	2	73.7	10	1994.0	-	1.155762
3	3	92.9	20	1664.0	1551.0	1.582387
4	2	89.7	18	1770.0	-	2.381720
5	2	68.7	10	1728.0	-	3.124227
6	2	98.6	5	1406.0	-	4.104621
7	2	60.7	14	1213.0	-	4.898544
8	2	58.5	7	1145.0	-	5.310895
9	3	89.3	15	1953.0	1664.0	5.839919
10	2	73.9	6	1666.0	-	6.644355
11	2	79.5	8	1990.0	-	7.754737
12	1	85.1	7	-	-	8.234944
13	2	67.2	15	1316.0	-	8.592446
14	1	69.2	10	-	-	9.817226
15	2	75.8	11	1843.0	-	10.489346
16	2	62.0	16	1908.0	-	11.095720
17	2	98.4	18	1659.0	-	11.992904

Table 53 - Long Sequence Waveform Trial#2 (NOT Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.5	11	1058.0	1601.0	0.800677
2	2	63.2	9	2000.0	-	1.873721
3	2	69.4	14	1967.0	-	2.603929
4	1	52.7	12	-	-	3.231266
5	2	73.7	15	1821.0	-	4.832035
6	1	97.5	6	-	-	5.892621
7	3	84.4	9	1712.0	1352.0	6.018269
8	2	89.8	16	1810.0	-	7.261579
9	1	86.3	9	-	-	8.153086
10	2	59.3	16	1163.0	-	9.910626
11	1	84.8	19	-	-	10.681843
12	1	91.7	15	-	-	11.966547

Table 54 - Long Sequence Waveform Trial#3 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.4	10	1317.0	-	0.622449
2	2	70.3	10	1542.0	-	0.988957
3	2	95.3	12	1530.0	-	1.440695

Table 54 - Long Sequence Waveform Trial#3 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
4	2	69.4	13	1768.0	-	2.405452
5	2	72.6	9	1998.0	-	3.013735
6	1	77.6	17	-	-	4.007159
7	2	94.9	8	1482.0	-	4.516640
8	3	83.5	10	1633.0	1641.0	5.523520
9	3	96.1	9	1914.0	1365.0	6.064971
10	2	94.2	17	1967.0	-	6.951098
11	3	77.9	8	1234.0	1641.0	7.502206
12	2	52.5	6	1891.0	-	8.283539
13	2	85.9	10	1583.0	-	8.497346
14	1	67.0	12	-	-	9.716093
15	2	52.3	15	1519.0	-	10.149968
16	1	91.5	7	-	-	11.159995
17	3	64.2	5	1437.0	1489.0	11.966448

Table 55 - Long Sequence Waveform Trial#4 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.6	19	1700.0	-	0.653947
2	3	77.9	19	1921.0	1414.0	1.181836
3	3	58.7	15	1269.0	1610.0	1.986547
4	2	60.2	19	1786.0	-	2.828799
5	1	63.9	15	-	-	3.598485
6	3	86.3	7	1918.0	1789.0	4.707832
7	1	72.5	10	-	-	5.853348
8	2	92.7	17	1963.0	-	6.105802
9	2	90.2	9	1100.0	-	7.692235
10	1	59.8	7	-	-	8.053553
11	3	94.7	9	1271.0	1007.0	8.774066
12	1	56.2	8	-	-	9.776933
13	1	97.8	6	-	-	10.862764
14	3	57.3	10	1751.0	1998.0	11.677324

Table 56 - Long Sequence Waveform Trial#5 (NOT Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	65.0	9	1936.0	-	0.243394
2	2	51.5	20	1423.0	-	1.831759
3	1	65.6	7	-	-	2.257081
4	2	98.7	7	1445.0	-	3.336940
5	1	60.4	6	-	-	4.263696
6	1	97.5	19	-	-	5.463470
7	3	57.2	16	1849.0	1147.0	5.909313
8	2	86.4	12	1385.0	-	6.677068
9	3	73.6	18	1132.0	1595.0	7.713170
10	2	84.3	10	1146.0	-	8.946326
11	2	88.1	5	1273.0	-	9.393856
12	3	97.1	9	1442.0	1365.0	10.488473
13	1	57.8	17	-	-	11.565971

Table 57 - Long Sequence Waveform Trial#6 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.5	18	1809.0	-	0.458308
2	2	82.4	12	1816.0	-	1.324747
3	2	88.5	12	1016.0	-	2.850488
4	1	86.3	18	-	-	3.770321
5	2	86.0	12	1529.0	-	5.793007
6	2	87.1	13	1249.0	-	7.000096
7	2	87.4	10	1253.0	-	7.210497
8	2	86.8	12	1115.0	-	9.355492
9	2	55.6	16	1871.0	-	9.909243
10	2	56.3	7	1792.0	-	11.953750

Table 58 - Long Sequence Waveform Trial#7 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	59.0	9	1411.0	-	0.129014
2	1	76.9	6	-	-	1.214822
3	2	79.2	15	1616.0	-	1.276257
4	2	76.7	19	1604.0	-	2.380919
5	2	74.1	6	1468.0	-	2.850205
6	2	70.2	9	1048.0	-	3.766696
7	1	80.8	7	-	-	3.945404
8	3	68.9	14	1544.0	1856.0	4.893199
9	2	57.7	17	1856.0	-	5.488314
10	3	70.5	6	1773.0	1930.0	5.959546
11	2	95.2	7	1397.0	-	6.567030
12	1	77.2	15	-	-	7.412906
13	2	77.6	19	1808.0	-	7.860173
14	1	88.6	18	-	-	8.782778
15	2	77.9	11	1703.0	-	8.984850
16	3	53.5	9	1872.0	1668.0	9.627896
17	1	71.3	5	-	-	10.396235
18	2	93.7	20	1709.0	-	11.118460
19	2	92.0	8	1974.0	-	11.409062

Table 59 - Long Sequence Waveform Trial#8 (NOT Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	98.1	11	1259.0	1970.0	1.129176
2	2	62.3	12	1293.0	-	1.830124
3	1	81.2	15	-	-	3.329149
4	2	72.9	18	1648.0	-	4.648203
5	3	71.0	11	1655.0	1977.0	5.075668
6	2	98.4	5	1027.0	-	7.146497
7	2	91.6	11	1878.0	-	7.367802
8	1	90.0	8	-	-	9.244129
9	2	67.8	12	1257.0	-	9.748354
10	2	70.8	10	1183.0	-	11.679495

Table 60 - Long Sequence Waveform Trial#9 (Detected) 20MHz BW (55 tx, 45 rx ratio)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.4	15	1921.0	-	0.623686
2	3	90.4	19	1217.0	1996.0	1.193951
3	1	94.8	8	-	-	1.909223
4	1	82.0	13	-	-	2.267653
5	2	83.6	14	1645.0	-	2.994010
6	2	98.0	15	1104.0	-	4.229461
7	2	53.2	9	1416.0	-	4.852438
8	2	52.1	12	1966.0	-	5.439450
9	1	59.8	11	-	-	5.983483
10	1	93.1	5	-	-	6.550065
11	1	62.7	16	-	-	7.703214
12	2	82.0	18	1935.0	-	8.006942
13	2	75.8	17	1151.0	-	8.566982
14	1	90.0	7	-	-	9.640079
15	3	70.9	5	1719.0	1288.0	10.018047
16	3	73.0	19	1748.0	1445.0	10.791433
17	3	65.4	11	1543.0	1169.0	11.555510

Table 61 - Long Sequence Waveform Trial#10 (Detected) 20MHz BW (55 tx, 45 rx ratio)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	89.0	14	-	-	0.708750
2	3	66.0	11	1731.0	1015.0	2.302035
3	3	73.5	11	1480.0	1777.0	3.617358
4	2	74.9	17	1425.0	-	5.359457
5	3	72.2	5	1237.0	1935.0	6.507403
6	3	69.2	10	1869.0	1021.0	8.055090
7	1	67.4	20	-	-	9.541583
8	3	96.5	7	1074.0	1464.0	11.089039

Table 62 - Long Sequence Waveform Trial#11 (NOT Detected) 20MHz BW (55 tx, 45 rx ratio)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	97.2	9	-	-	0.363044
2	1	87.0	15	-	-	1.073858
3	2	52.3	12	1683.0	-	2.682284
4	2	87.0	7	1854.0	-	3.446766
5	2	56.0	6	1315.0	-	4.386526
6	1	83.8	10	-	-	4.702400
7	2	55.8	5	1230.0	-	6.228447
8	3	75.0	11	1609.0	1440.0	7.033425
9	2	70.8	17	1547.0	-	7.607628
10	3	74.2	6	1085.0	1493.0	8.628706
11	1	85.3	9	-	-	9.259035
12	2	68.9	19	1017.0	-	10.421954
13	1	60.4	11	-	-	11.286783

Table 63 - Long Sequence Waveform Trial#12 (Detected) 20MHz BW (55 tx, 45 rx ratio)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	92.1	20	-	-	0.328115

Table 63 - Long Sequence Waveform Trial#12 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
2	2	52.4	12	1983.0	-	1.279901
3	2	98.5	14	1255.0	-	1.993042
4	1	56.7	8	-	-	2.337297
5	2	57.7	5	1618.0	-	3.099319
6	3	84.4	12	1372.0	1990.0	3.419347
7	2	70.7	20	1876.0	-	4.153795
8	2	81.6	10	1529.0	-	4.824980
9	2	69.0	12	1060.0	-	5.644282
10	2	96.1	19	1113.0	-	6.280407
11	3	94.6	14	1863.0	1650.0	7.181973
12	2	51.7	5	1201.0	-	7.467481
13	2	62.7	13	1321.0	-	8.042649
14	2	78.4	14	1266.0	-	9.055519
15	2	52.3	13	1005.0	-	9.644710
16	1	53.4	18	-	-	10.432483
17	1	93.8	11	-	-	10.831617
18	2	67.5	17	1286.0	-	11.774928

Table 64 - Long Sequence Waveform Trial#13 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	53.8	13	1266.0	1955.0	0.541221
2	1	53.6	12	-	-	0.829050
3	3	93.5	6	1604.0	1581.0	1.843507
4	2	58.9	10	1053.0	-	2.428564
5	1	74.6	10	-	-	2.819279
6	1	71.0	9	-	-	3.245416
7	2	65.9	13	1112.0	-	4.238136
8	2	89.0	18	1274.0	-	4.682007
9	2	94.2	9	1630.0	-	5.134454
10	1	76.7	13	-	-	6.206878
11	1	97.2	6	-	-	6.606612
12	1	86.2	8	-	-	7.509294
13	2	85.9	6	1420.0	-	7.630475
14	3	52.5	16	1492.0	1308.0	8.777106
15	2	68.0	16	1726.0	-	9.170060
16	2	75.5	10	1559.0	-	10.046555
17	2	72.5	9	1205.0	-	10.358772
18	3	57.7	19	1632.0	1995.0	10.753439
19	2	96.9	10	1538.0	-	11.663786

Table 65 - Long Sequence Waveform Trial#14 (NOT Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	76.0	19	1906.0	1582.0	0.708814
2	2	95.4	8	1282.0	-	1.002924
3	3	51.5	18	1069.0	1442.0	1.604008
4	2	66.7	14	1661.0	-	2.384143
5	2	65.1	11	1675.0	-	3.408406
6	1	60.8	12	-	-	4.383802

Table 65 - Long Sequence Waveform Trial#14 (NOT Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
7	2	92.9	14	1379.0	-	4.821939
8	2	82.2	19	1374.0	-	5.506439
9	2	84.8	14	1244.0	-	6.185003
10	2	65.6	19	1373.0	-	7.048260
11	3	74.7	18	1038.0	1218.0	8.055501
12	2	85.2	6	1115.0	-	8.664468
13	3	76.5	13	1615.0	1194.0	9.431178
14	3	91.3	15	1935.0	1989.0	10.008548
15	3	99.0	19	1631.0	1539.0	10.821255
16	2	72.9	13	1284.0	-	11.327255

Table 66 - Long Sequence Waveform Trial#15 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	89.6	6	-	-	0.405946
2	3	59.1	6	1148.0	1563.0	1.533670
3	2	67.0	6	1877.0	-	2.806924
4	2	99.8	6	1446.0	-	3.626141
5	3	97.7	13	1937.0	1785.0	4.184958
6	2	73.4	11	1223.0	-	5.707373
7	2	50.1	12	1802.0	-	6.513316
8	3	52.2	10	1622.0	1436.0	7.004521
9	3	55.9	15	1688.0	1351.0	8.034660
10	2	96.5	19	1154.0	-	9.516727
11	3	67.1	7	1663.0	1964.0	10.476085
12	3	94.5	9	1583.0	1673.0	11.085681

Table 67 - Long Sequence Waveform Trial#16 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	95.4	13	-	-	0.751804
2	3	59.0	11	1602.0	1355.0	1.177834
3	3	97.7	10	1824.0	1366.0	2.564233
4	3	86.0	9	1663.0	1337.0	3.501099
5	2	89.6	14	1170.0	-	4.988728
6	1	54.9	17	-	-	5.944249
7	1	72.6	7	-	-	7.086384
8	2	60.3	13	1026.0	-	8.642776
9	3	56.4	15	1979.0	1670.0	8.998635
10	3	72.7	18	1229.0	1826.0	10.359251
11	1	77.3	18	-	-	11.140242

Table 68 - Long Sequence Waveform Trial#17 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	95.8	10	1974.0	1062.0	0.501905
2	2	83.8	12	1056.0	-	1.216343
3	2	85.2	19	1618.0	-	2.663431
4	2	89.4	6	1741.0	-	3.668465

Table 68 - Long Sequence Waveform Trial#17 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
5	2	61.9	15	1944.0	-	4.864525
6	3	51.8	15	1569.0	1653.0	5.743450
7	2	58.9	6	1846.0	-	6.602039
8	2	54.3	19	1645.0	-	8.562281
9	2	92.6	7	1029.0	-	9.757315
10	3	75.1	18	1240.0	1576.0	10.519480
11	1	52.7	10	-	-	11.308600

Table 69 - Long Sequence Waveform Trial#18 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.5	6	1423.0	-	0.509509
2	3	84.6	9	1781.0	1942.0	1.261689
3	2	99.5	9	1059.0	-	2.400647
4	2	71.1	12	1048.0	-	3.136902
5	3	89.7	10	1471.0	1383.0	4.110594
6	3	90.2	6	1268.0	1921.0	5.623882
7	3	51.0	10	1705.0	1891.0	6.298495
8	2	97.0	14	1373.0	-	7.952704
9	2	93.2	10	1602.0	-	8.629391
10	2	81.2	10	1137.0	-	9.962880
11	1	52.4	10	-	-	10.140061
12	1	88.7	19	-	-	11.780819

Table 70 - Long Sequence Waveform Trial#19 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	55.2	18	1875.0	1609.0	0.036776
2	2	74.0	13	1071.0	-	1.072665
3	2	72.8	9	1410.0	-	1.875774
4	1	99.7	17	-	-	3.250374
5	3	73.2	10	1487.0	1025.0	4.578570
6	1	65.1	11	-	-	5.147698
7	2	99.4	11	1335.0	-	6.181407
8	2	51.5	11	1035.0	-	6.622846
9	2	63.9	14	1125.0	-	7.987644
10	2	98.6	7	1345.0	-	8.807065
11	1	78.0	7	-	-	9.300957
12	2	98.1	6	1198.0	-	10.954703
13	2	56.1	13	1937.0	-	11.693341

Table 71 - Long Sequence Waveform Trial#20 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	74.4	12	1339.0	1640.0	0.185123
2	2	79.6	12	1764.0	-	0.734677
3	1	82.0	14	-	-	1.336703
4	3	71.5	16	1607.0	1200.0	1.801359
5	3	90.5	14	1404.0	1900.0	2.525842

Table 71 - Long Sequence Waveform Trial#20 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
6	2	87.5	9	1721.0	-	3.119114
7	2	84.2	12	1477.0	-	3.921225
8	1	51.1	16	-	-	4.521077
9	2	86.0	8	1022.0	-	5.014394
10	1	100.0	5	-	-	5.833745
11	2	58.0	8	1507.0	-	6.440431
12	1	70.1	10	-	-	7.136353
13	2	56.9	17	1339.0	-	7.565866
14	2	63.9	18	1201.0	-	8.027316
15	3	50.4	17	1850.0	1920.0	8.749748
16	2	70.4	11	1939.0	-	9.353951
17	1	92.2	13	-	-	9.728670
18	2	75.9	6	1702.0	-	10.508063
19	1	62.3	19	-	-	11.381578
20	3	85.7	6	1004.0	1911.0	11.704524

Table 72 - Long Sequence Waveform Trial#21 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	51.3	19	-	-	0.459335
2	1	94.6	12	-	-	1.059453
3	2	63.0	8	1766.0	-	2.832986
4	3	85.5	6	1807.0	1243.0	3.791717
5	3	64.4	6	1862.0	1882.0	4.622767
6	2	75.3	7	1146.0	-	5.270526
7	2	52.9	13	1280.0	-	6.285517
8	3	60.9	18	1401.0	1093.0	7.780684
9	2	64.8	10	1365.0	-	8.890568
10	1	92.2	8	-	-	9.508115
11	3	98.2	12	1726.0	1743.0	10.001196
12	2	70.6	17	1650.0	-	11.755191

Table 73 - Long Sequence Waveform Trial#22 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.8	17	1796.0	-	0.243897
2	3	55.8	11	1116.0	1112.0	1.038339
3	2	95.1	20	1023.0	-	1.759631
4	1	70.5	16	-	-	2.008440
5	2	86.8	9	1284.0	-	2.592353
6	1	52.6	18	-	-	3.250065
7	2	62.4	5	1168.0	-	4.033275
8	2	82.0	7	1333.0	-	4.885487
9	2	71.6	12	1441.0	-	5.351800
10	2	88.0	19	1045.0	-	6.179314
11	2	52.0	18	1929.0	-	6.330986
12	2	91.7	8	1981.0	-	7.317855
13	2	64.9	18	1997.0	-	8.083866
14	1	65.9	8	-	-	8.680989
15	1	88.4	9	-	-	9.312553

Table 73 - Long Sequence Waveform Trial#22 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
16	1	87.0	19	-	-	9.659281
17	2	61.1	10	1750.0	-	10.357174
18	1	77.1	18	-	-	10.913107
19	1	64.4	13	-	-	11.605419

Table 74 - Long Sequence Waveform Trial#23 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	86.1	16	1540.0	-	0.077500
2	2	76.9	17	1307.0	-	1.688262
3	3	85.1	8	1185.0	1671.0	3.366379
4	1	74.1	12	-	-	3.839118
5	2	97.9	10	1191.0	-	5.645715
6	2	97.5	8	1691.0	-	7.041769
7	3	83.9	12	1277.0	1343.0	8.105612
8	1	95.2	20	-	-	8.660932
9	2	88.0	7	1621.0	-	10.482877
10	2	93.6	6	1007.0	-	11.329184

Table 75 - Long Sequence Waveform Trial#24 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.6	7	1596.0	-	0.017010
2	2	98.3	8	1151.0	-	1.310615
3	2	78.7	12	1140.0	-	1.878337
4	2	91.6	6	1918.0	-	2.810570
5	2	86.8	9	1026.0	-	3.936026
6	2	77.9	6	1320.0	-	4.218052
7	3	63.4	9	1224.0	1332.0	5.277759
8	2	89.8	17	1137.0	-	6.326890
9	1	77.5	15	-	-	6.920479
10	2	63.6	16	1370.0	-	7.437166
11	2	77.1	9	1651.0	-	8.411743
12	1	87.6	15	-	-	9.081949
13	2	84.6	10	1407.0	-	9.877792
14	2	55.0	10	1551.0	-	10.405852
15	2	54.7	15	1036.0	-	11.372795

Table 76 - Long Sequence Waveform Trial#25 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	87.6	6	-	-	0.742185
2	2	90.7	20	1879.0	-	1.681166
3	1	85.7	12	-	-	2.668019
4	1	79.7	15	-	-	3.198741
5	2	76.5	10	1439.0	-	4.493350
6	2	57.1	11	1083.0	-	4.857392
7	1	69.6	13	-	-	6.429138
8	2	70.1	13	1492.0	-	6.570520

Table 76 - Long Sequence Waveform Trial#25 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
9	2	86.4	19	1804.0	-	7.722399
10	2	96.8	12	1991.0	-	8.801559
11	2	80.5	10	1523.0	-	9.579698
12	3	80.4	14	1868.0	1460.0	10.572466
13	1	93.0	16	-	-	11.971356

Table 77 - Long Sequence Waveform Trial#26 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	99.8	16	1520.0	1589.0	0.165991
2	2	77.5	9	1680.0	-	1.078367
3	3	69.5	6	1198.0	1334.0	1.933887
4	2	58.3	16	1582.0	-	2.389158
5	2	52.4	18	1386.0	-	3.005794
6	3	74.1	20	1939.0	1703.0	3.732323
7	1	58.6	6	-	-	4.926320
8	2	85.9	15	1212.0	-	5.106372
9	2	84.3	14	1494.0	-	6.225819
10	2	74.6	6	1558.0	-	6.439574
11	2	73.7	6	1145.0	-	7.127580
12	3	79.7	16	1793.0	1990.0	8.058960
13	3	50.7	9	1629.0	1359.0	8.665975
14	2	90.8	6	1521.0	-	9.429109
15	2	85.4	13	1091.0	-	10.501176
16	1	84.5	13	-	-	11.189061
17	2	51.6	16	1358.0	-	11.350504

Table 78 - Long Sequence Waveform Trial#27 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.5	17	1267.0	-	0.670474
2	2	86.8	20	1864.0	-	0.794354
3	2	71.9	5	1126.0	-	1.905612
4	1	51.3	11	-	-	2.673960
5	2	71.6	8	1695.0	-	3.082688
6	2	90.2	14	1853.0	-	4.108195
7	2	80.2	6	1178.0	-	4.387659
8	2	61.8	16	1021.0	-	5.192506
9	1	94.3	13	-	-	6.147321
10	1	76.3	19	-	-	7.055039
11	2	77.8	7	1762.0	-	7.400867
12	3	85.2	19	1558.0	1966.0	7.874599
13	1	78.2	5	-	-	8.869966
14	2	69.6	7	1881.0	-	9.332408
15	2	85.2	9	1878.0	-	10.237751
16	2	65.1	14	1453.0	-	11.245105
17	2	86.5	13	1577.0	-	11.576685

Table 79 - Long Sequence Waveform Trial#28 (Detected) 20MHz BW (55 tx, 45 rx ratio)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.8	8	1030.0	-	0.637462
2	1	61.7	17	-	-	0.952032
3	3	65.1	9	1742.0	1451.0	1.693868
4	2	55.9	19	1562.0	-	2.582858
5	2	69.2	13	1649.0	-	3.939187
6	2	84.3	11	1598.0	-	4.762615
7	2	88.9	19	1534.0	-	5.267167
8	3	52.9	11	1818.0	1371.0	5.778876
9	2	74.6	20	1974.0	-	6.863087
10	2	66.7	9	1699.0	-	7.935868
11	2	53.8	9	1683.0	-	8.502356
12	2	58.6	15	1638.0	-	9.505066
13	2	65.4	14	1653.0	-	10.393110
14	3	76.5	16	1125.0	1421.0	10.487918
15	2	99.7	16	1150.0	-	11.882959

Table 80 - Long Sequence Waveform Trial#29 (NOT Detected) 20MHz BW (55 tx, 45 rx ratio)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	53.5	20	-	-	0.088751
2	2	90.4	9	1064.0	-	1.177385
3	2	97.3	14	1488.0	-	1.863484
4	2	82.7	19	1493.0	-	2.869361
5	3	52.4	8	1347.0	1769.0	4.182200
6	1	72.4	12	-	-	4.796070
7	2	78.2	6	1833.0	-	5.938010
8	2	91.1	8	1313.0	-	6.581332
9	3	64.6	19	1350.0	1850.0	7.122936
10	2	68.2	14	1953.0	-	8.255649
11	1	98.1	17	-	-	8.588113
12	2	52.8	6	1342.0	-	9.792397
13	2	67.6	11	1134.0	-	10.928938
14	1	88.1	13	-	-	11.608516

Table 81 - Long Sequence Waveform Trial#30 (Detected) 20MHz BW (55 tx, 45 rx ratio)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	82.1	19	1872.0	1017.0	0.560750
2	1	97.8	10	-	-	0.922002
3	2	84.8	9	1356.0	-	1.446835
4	1	70.5	12	-	-	2.393408
5	1	50.2	6	-	-	2.869248
6	2	51.1	8	1181.0	-	3.516482
7	2	95.3	20	1241.0	-	4.078741
8	1	99.0	12	-	-	4.988693
9	1	61.1	7	-	-	5.241591
10	2	77.2	8	1992.0	-	5.739011
11	3	64.4	13	1968.0	1016.0	6.508422
12	2	75.3	14	1969.0	-	7.042092
13	1	87.3	5	-	-	8.141409
14	3	50.7	9	1846.0	1738.0	8.365472
15	2	93.5	19	1025.0	-	8.904541

Table 81 - Long Sequence Waveform Trial#30 (Detected) 20MHz BW (55 tx, 45 rx ratio)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
16	2	62.0	19	1389.0	-	9.967656
17	3	61.5	16	1393.0	1476.0	10.272935
18	1	60.0	19	-	-	10.872685
19	3	62.1	9	1973.0	1218.0	11.995863

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5558.0MHz, -55.0dBm	Hop sequence: 5555, 5320, 5693, 5681, 5422, 5423, 5411, 5676, 5429, 5591, 5310, 5564, 5273, 5356, 5589, 5400, 5333, 5309, 5624, 5712, 5461, 5540, 5530, 5313, 5562, 5346, 5495, 5253, 5251, 5643, 5649, 5431, 5492, 5269, 5361, 5453, 5522, 5578, 5715, 5683, 5496, 5292, 5658, 5684, 5445, 5259, 5653, 5426, 5541, 5612, 5290, 5381, 5670, 5544, 5613, 5590, 5408, 5631, 5576, 5471, 5493, 5556, 5498, 5360, 5611, 5403, 5286, 5545, 5602, 5616, 5417, 5355, 5518, 5425, 5271, 5547, 5328, 5623, 5338, 5632, 5659, 5450, 5574, 5322, 5507, 5369, 5503, 5252, 5501, 5452, 5365, 5509, 5510, 5682, 5527, 5597, 5352, 5637, 5274, 5554 (7 hits) (06/02/2014 04:56:37 PM)
2	9	1.0	333.0	Yes	5559.0MHz, -55.0dBm	Hop sequence: 5494, 5575, 5256, 5539, 5393, 5365, 5710, 5616, 5466, 5679, 5628, 5691, 5707, 5262, 5514, 5389, 5410, 5533, 5310, 5309, 5697, 5322, 5545, 5461, 5408, 5385, 5437, 5695, 5675, 5556, 5313, 5445, 5680, 5601, 5333, 5457, 5715, 5363, 5493, 5506, 5671, 5359, 5357, 5580, 5388, 5602, 5673, 5274, 5585, 5705, 5646, 5502, 5617, 5316, 5392, 5655, 5554, 5300, 5656, 5583, 5560, 5329, 5620, 5317, 5296, 5325, 5532, 5307, 5330, 5412, 5398, 5355, 5685, 5713, 5277, 5272, 5661, 5615, 5701, 5570, 5681, 5254, 5266, 5548, 5641, 5630, 5427, 5414, 5588, 5295, 5538, 5592, 5722, 5593, 5645, 5321, 5420, 5552, 5640, 5551 (6 hits) (06/02/2014 04:57:47 PM)

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
3	9	1.0	333.0	Yes	5541.0MHz, -55.0dBm	Hop sequence: 5301, 5628, 5524, 5665, 5469, 5518, 5681, 5693, 5382, 5561, 5482, 5483, 5356, 5367, 5439, 5431, 5351, 5558, 5289, 5295, 5415, 5593, 5484, 5312, 5652, 5298, 5366, 5594, 5364, 5465, 5372, 5309, 5523, 5658, 5288, 5332, 5316, 5591, 5450, 5716, 5637, 5592, 5615, 5654, 5510, 5588, 5339, 5629, 5403, 5657, 5347, 5647, 5611, 5597, 5261, 5566, 5374, 5580, 5378, 5694, 5651, 5516, 5397, 5478, 5678, 5369, 5275, 5620, 5322, 5612, 5401, 5636, 5362, 5385, 5501, 5296, 5375, 5614, 5644, 5464, 5302, 5428, 5425, 5546, 5525, 5411, 5505, 5451, 5661, 5408, 5571, 5541, 5542, 5409, 5705, 5725, 5417, 5405, 5471, 5532 (4 hits) (06/02/2014 04:57:57 PM)
4	9	1.0	333.0	Yes	5542.0MHz, -55.0dBm	Hop sequence: 5437, 5474, 5505, 5490, 5413, 5550, 5268, 5355, 5446, 5302, 5668, 5333, 5370, 5644, 5675, 5524, 5447, 5384, 5475, 5261, 5724, 5535, 5396, 5260, 5336, 5423, 5646, 5704, 5486, 5414, 5561, 5510, 5442, 5398, 5292, 5317, 5582, 5277, 5300, 5522, 5372, 5571, 5325, 5681, 5549, 5529, 5661, 5555, 5689, 5339, 5343, 5710, 5360, 5697, 5365, 5636, 5558, 5331, 5647, 5509, 5637, 5656, 5451, 5322, 5338, 5459, 5696, 5483, 5476, 5622, 5667, 5449, 5391, 5463, 5327, 5569, 5515, 5494, 5557, 5690, 5500, 5350, 5554, 5375, 5503, 5546, 5433, 5431, 5552, 5514, 5605, 5430, 5657, 5324, 5590, 5532, 5547, 5323, 5564, 5455 (9 hits) (06/02/2014 04:58:07 PM)
5	9	1.0	333.0	Yes	5543.0MHz, -55.0dBm	Hop sequence: 5524, 5533, 5397, 5295, 5355, 5350, 5358, 5380, 5587, 5370, 5672, 5525, 5539, 5596, 5311, 5254, 5482, 5463, 5426, 5634, 5680, 5708, 5409, 5571, 5676, 5624, 5544, 5341, 5335, 5582, 5261, 5371, 5275, 5612, 5303, 5562, 5721, 5569, 5271, 5347, 5462, 5563, 5594, 5429, 5416, 5710, 5296, 5677, 5320, 5369, 5718, 5513, 5492,

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5412, 5495, 5723, 5473, 5683, 5564, 5628, 5449, 5511, 5383, 5625, 5496, 5584, 5392, 5601, 5688, 5720, 5711, 5696, 5274, 5453, 5298, 5314, 5488, 5707, 5712, 5287, 5719, 5704, 5265, 5663, 5443, 5363, 5333, 5602, 5282, 5494, 5591, 5393, 5535, 5726, 5520, 5689, 5378, 5527, 5405, 5709 (1 hits) (06/02/2014 04:58:16 PM)
6	9	1.0	333.0	Yes	5544.0MHz, -55.0dBm	Hop sequence: 5279, 5378, 5538, 5725, 5549, 5360, 5476, 5516, 5298, 5382, 5515, 5283, 5661, 5708, 5295, 5292, 5341, 5543, 5290, 5489, 5496, 5623, 5665, 5569, 5519, 5395, 5369, 5264, 5703, 5457, 5493, 5524, 5663, 5534, 5346, 5386, 5588, 5573, 5469, 5641, 5570, 5451, 5523, 5564, 5332, 5710, 5536, 5301, 5368, 5257, 5662, 5374, 5437, 5392, 5677, 5399, 5333, 5683, 5694, 5424, 5722, 5578, 5718, 5537, 5497, 5696, 5518, 5365, 5254, 5499, 5492, 5322, 5460, 5688, 5555, 5443, 5377, 5278, 5338, 5577, 5420, 5299, 5591, 5255, 5270, 5698, 5336, 5568, 5456, 5547, 5574, 5593, 5473, 5514, 5586, 5351, 5419, 5706, 5506, 5335 (4 hits) (06/02/2014 04:58:27 PM)
7	9	1.0	333.0	Yes	5545.0MHz, -55.0dBm	Hop sequence: 5425, 5365, 5715, 5706, 5455, 5586, 5670, 5393, 5569, 5464, 5692, 5501, 5285, 5255, 5466, 5510, 5456, 5343, 5261, 5258, 5318, 5613, 5593, 5305, 5472, 5418, 5572, 5721, 5695, 5322, 5524, 5361, 5351, 5545, 5302, 5414, 5574, 5404, 5567, 5481, 5546, 5312, 5375, 5385, 5723, 5680, 5446, 5528, 5324, 5571, 5275, 5495, 5513, 5462, 5656, 5374, 5697, 5627, 5531, 5399, 5596, 5700, 5381, 5611, 5505, 5537, 5488, 5542, 5388, 5373, 5330, 5640, 5684, 5391, 5269, 5342, 5637, 5292, 5654, 5576, 5415, 5407, 5499, 5679, 5288, 5283, 5636, 5620, 5590, 5423, 5380, 5436, 5647, 5518, 5290, 5471, 5608, 5618, 5392, 5470 (3 hits) (06/02/2014 04:59:05 PM)

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
8	9	1.0	333.0	Yes	5546.0MHz, -55.0dBm	Hop sequence: 5635, 5722, 5714, 5492, 5345, 5718, 5371, 5343, 5271, 5381, 5358, 5363, 5403, 5480, 5672, 5629, 5668, 5496, 5643, 5390, 5355, 5488, 5332, 5280, 5283, 5275, 5456, 5314, 5405, 5313, 5564, 5436, 5687, 5458, 5388, 5392, 5419, 5581, 5422, 5723, 5645, 5297, 5420, 5661, 5349, 5701, 5470, 5352, 5640, 5508, 5380, 5659, 5282, 5726, 5284, 5329, 5521, 5578, 5361, 5546, 5675, 5594, 5562, 5517, 5684, 5303, 5295, 5444, 5370, 5415, 5679, 5544, 5639, 5647, 5606, 5571, 5304, 5305, 5531, 5550, 5398, 5316, 5547, 5607, 5529, 5442, 5432, 5495, 5438, 5372, 5484, 5602, 5604, 5704, 5385, 5504, 5344, 5467, 5404, 5520 (4 hits) (06/02/2014 04:59:17 PM)
9	9	1.0	333.0	Yes	5547.0MHz, -55.0dBm	Hop sequence: 5454, 5453, 5694, 5629, 5525, 5380, 5538, 5519, 5377, 5520, 5502, 5266, 5483, 5389, 5558, 5584, 5587, 5692, 5390, 5419, 5449, 5398, 5291, 5565, 5337, 5428, 5512, 5466, 5410, 5710, 5635, 5370, 5653, 5313, 5360, 5295, 5507, 5345, 5671, 5494, 5489, 5720, 5385, 5296, 5621, 5572, 5315, 5669, 5479, 5588, 5554, 5477, 5386, 5657, 5372, 5301, 5441, 5712, 5368, 5557, 5403, 5648, 5306, 5408, 5269, 5693, 5521, 5371, 5569, 5585, 5533, 5598, 5696, 5678, 5447, 5493, 5555, 5464, 5482, 5723, 5652, 5335, 5362, 5487, 5701, 5450, 5680, 5616, 5618, 5304, 5485, 5604, 5627, 5384, 5273, 5267, 5527, 5320, 5262, 5495 (4 hits) (06/02/2014 04:59:26 PM)
10	9	1.0	333.0	Yes	5548.0MHz, -55.0dBm	Hop sequence: 5657, 5269, 5503, 5721, 5513, 5548, 5424, 5437, 5712, 5487, 5568, 5261, 5349, 5719, 5385, 5572, 5346, 5342, 5387, 5355, 5407, 5322, 5613, 5429, 5283, 5546, 5360, 5705, 5675, 5328, 5464, 5692, 5404, 5549, 5621, 5633, 5343, 5297, 5598, 5257, 5469, 5576, 5272, 5275, 5564, 5492, 5371, 5609, 5264, 5443, 5347, 5358, 5590,

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5579, 5584, 5594, 5508, 5314, 5265, 5435, 5649, 5583, 5667, 5545, 5279, 5473, 5278, 5363, 5442, 5652, 5641, 5295, 5465, 5318, 5708, 5646, 5562, 5374, 5639, 5345, 5335, 5263, 5406, 5410, 5417, 5506, 5466, 5353, 5302, 5674, 5717, 5661, 5671, 5423, 5354, 5725, 5525, 5605, 5714, 5718 (4 hits) (06/02/2014 04:59:37 PM)
11	9	1.0	333.0	Yes	5549.0MHz, -55.0dBm	Hop sequence: 5373, 5707, 5513, 5724, 5508, 5370, 5505, 5374, 5712, 5654, 5725, 5683, 5674, 5397, 5412, 5539, 5422, 5664, 5529, 5371, 5700, 5680, 5617, 5478, 5419, 5282, 5502, 5622, 5376, 5568, 5395, 5601, 5263, 5703, 5337, 5561, 5647, 5258, 5609, 5285, 5607, 5495, 5345, 5477, 5474, 5399, 5271, 5627, 5541, 5656, 5273, 5567, 5278, 5438, 5504, 5598, 5635, 5506, 5347, 5626, 5714, 5430, 5575, 5542, 5484, 5445, 5252, 5556, 5534, 5333, 5384, 5301, 5710, 5269, 5322, 5636, 5526, 5362, 5544, 5272, 5410, 5521, 5488, 5576, 5446, 5281, 5404, 5519, 5304, 5608, 5440, 5546, 5697, 5663, 5550, 5688, 5289, 5510, 5432, 5480 (6 hits) (06/02/2014 04:59:45 PM)
12	9	1.0	333.0	Yes	5550.0MHz, -55.0dBm	Hop sequence: 5627, 5548, 5589, 5614, 5449, 5328, 5528, 5568, 5409, 5521, 5588, 5254, 5553, 5426, 5302, 5424, 5609, 5667, 5563, 5357, 5579, 5413, 5433, 5370, 5535, 5271, 5316, 5543, 5488, 5708, 5268, 5597, 5464, 5280, 5264, 5571, 5395, 5624, 5453, 5626, 5542, 5455, 5461, 5691, 5569, 5523, 5545, 5554, 5309, 5422, 5613, 5650, 5607, 5515, 5716, 5423, 5577, 5494, 5439, 5296, 5671, 5628, 5697, 5259, 5415, 5580, 5431, 5479, 5507, 5526, 5495, 5684, 5681, 5458, 5285, 5410, 5368, 5435, 5287, 5685, 5486, 5355, 5441, 5396, 5522, 5389, 5631, 5456, 5659, 5687, 5657, 5547, 5434, 5516, 5632, 5367, 5636, 5418, 5333, 5673 (7 hits) (06/02/2014 04:59:56 PM)

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
13	9	1.0	333.0	Yes	5551.0MHz, -55.0dBm	Hop sequence: 5585, 5382, 5684, 5565, 5398, 5501, 5262, 5572, 5678, 5569, 5259, 5312, 5683, 5333, 5402, 5270, 5707, 5453, 5648, 5509, 5527, 5363, 5284, 5385, 5266, 5551, 5480, 5655, 5429, 5467, 5297, 5460, 5630, 5309, 5304, 5337, 5525, 5536, 5614, 5352, 5721, 5415, 5310, 5440, 5675, 5324, 5658, 5498, 5380, 5642, 5291, 5510, 5691, 5272, 5673, 5421, 5280, 5458, 5437, 5581, 5406, 5519, 5264, 5428, 5417, 5366, 5463, 5693, 5713, 5466, 5590, 5394, 5570, 5367, 5603, 5418, 5716, 5362, 5283, 5307, 5255, 5392, 5456, 5696, 5375, 5427, 5545, 5631, 5486, 5540, 5328, 5311, 5298, 5515, 5531, 5489, 5568, 5640, 5331, 5522 (2 hits) (06/02/2014 05:00:26 PM)
14	9	1.0	333.0	Yes	5552.0MHz, -55.0dBm	Hop sequence: 5487, 5384, 5589, 5531, 5501, 5725, 5421, 5648, 5680, 5273, 5277, 5692, 5455, 5258, 5397, 5532, 5401, 5335, 5254, 5423, 5296, 5449, 5268, 5464, 5270, 5596, 5637, 5374, 5361, 5354, 5422, 5440, 5299, 5448, 5402, 5443, 5265, 5352, 5433, 5311, 5643, 5622, 5477, 5566, 5263, 5597, 5617, 5548, 5347, 5513, 5658, 5349, 5663, 5652, 5458, 5304, 5324, 5620, 5325, 5444, 5689, 5318, 5545, 5630, 5484, 5653, 5520, 5664, 5406, 5336, 5419, 5572, 5540, 5313, 5330, 5351, 5317, 5314, 5665, 5615, 5711, 5345, 5627, 5584, 5326, 5371, 5502, 5414, 5574, 5420, 5287, 5483, 5425, 5486, 5478, 5495, 5657, 5656, 5404, 5522 (2 hits) (06/02/2014 05:00:40 PM)
15	9	1.0	333.0	Yes	5553.0MHz, -55.0dBm	Hop sequence: 5329, 5686, 5474, 5666, 5611, 5629, 5468, 5589, 5286, 5555, 5525, 5692, 5362, 5421, 5513, 5426, 5335, 5596, 5454, 5711, 5671, 5316, 5350, 5380, 5399, 5263, 5572, 5540, 5486, 5512, 5261, 5452, 5710, 5490, 5481, 5610, 5615, 5418, 5609, 5467, 5489, 5655, 5427, 5700, 5585, 5684, 5453, 5410, 5579, 5331, 5256, 5706, 5613,

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5624, 5674, 5432, 5661, 5334, 5480, 5377, 5569, 5494, 5408, 5320, 5298, 5459, 5514, 5594, 5506, 5673, 5455, 5414, 5416, 5435, 5495, 5715, 5659, 5357, 5342, 5379, 5295, 5675, 5584, 5491, 5409, 5348, 5723, 5412, 5282, 5623, 5278, 5522, 5667, 5373, 5419, 5521, 5726, 5517, 5709, 5685 (1 hits) (06/02/2014 05:00:51 PM)
16	9	1.0	333.0	Yes	5554.0MHz, -55.0dBm	Hop sequence: 5332, 5513, 5466, 5310, 5267, 5346, 5611, 5681, 5424, 5484, 5446, 5697, 5602, 5492, 5652, 5693, 5430, 5520, 5543, 5721, 5479, 5526, 5676, 5301, 5337, 5421, 5675, 5679, 5559, 5561, 5527, 5618, 5722, 5495, 5701, 5285, 5661, 5352, 5511, 5348, 5290, 5642, 5381, 5634, 5293, 5684, 5631, 5440, 5321, 5453, 5590, 5629, 5632, 5673, 5519, 5423, 5550, 5387, 5328, 5300, 5593, 5274, 5447, 5326, 5493, 5537, 5624, 5355, 5308, 5390, 5336, 5314, 5329, 5714, 5572, 5339, 5439, 5648, 5623, 5580, 5489, 5271, 5528, 5498, 5533, 5461, 5664, 5672, 5617, 5262, 5344, 5596, 5591, 5276, 5488, 5261, 5566, 5521, 5639, 5463 (3 hits) (06/02/2014 05:01:00 PM)
17	9	1.0	333.0	Yes	5555.0MHz, -55.0dBm	Hop sequence: 5330, 5357, 5620, 5550, 5563, 5296, 5451, 5255, 5608, 5696, 5624, 5675, 5559, 5327, 5717, 5656, 5690, 5682, 5291, 5672, 5443, 5299, 5340, 5480, 5662, 5444, 5650, 5680, 5432, 5545, 5494, 5567, 5483, 5503, 5445, 5457, 5718, 5374, 5522, 5598, 5293, 5378, 5628, 5294, 5584, 5301, 5707, 5617, 5438, 5281, 5406, 5697, 5423, 5290, 5425, 5692, 5259, 5321, 5705, 5328, 5548, 5335, 5619, 5529, 5629, 5700, 5342, 5383, 5601, 5490, 5708, 5275, 5546, 5398, 5585, 5614, 5597, 5402, 5631, 5549, 5615, 5347, 5360, 5511, 5390, 5484, 5603, 5642, 5517, 5284, 5292, 5344, 5596, 5366, 5391, 5389, 5565, 5560, 5505, 5673 (6 hits) (06/02/2014 05:01:09 PM)

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
18	9	1.0	333.0	Yes	5556.0MHz, -55.0dBm	Hop sequence: 5679, 5563, 5504, 5496, 5643, 5465, 5273, 5369, 5443, 5507, 5269, 5380, 5412, 5709, 5612, 5690, 5276, 5429, 5301, 5668, 5571, 5489, 5592, 5408, 5347, 5418, 5365, 5607, 5484, 5348, 5534, 5372, 5351, 5712, 5318, 5378, 5673, 5651, 5289, 5659, 5283, 5336, 5345, 5410, 5513, 5609, 5439, 5315, 5715, 5642, 5419, 5417, 5657, 5640, 5371, 5457, 5322, 5665, 5531, 5645, 5562, 5352, 5297, 5682, 5687, 5671, 5553, 5675, 5268, 5545, 5656, 5688, 5590, 5438, 5476, 5335, 5542, 5409, 5660, 5448, 5662, 5472, 5384, 5395, 5366, 5252, 5535, 5637, 5292, 5681, 5604, 5554, 5589, 5495, 5655, 5494, 5387, 5482, 5400, 5324 (4 hits) (06/02/2014 05:01:18 PM)
19	9	1.0	333.0	Yes	5557.0MHz, -55.0dBm	Hop sequence: 5347, 5642, 5686, 5401, 5269, 5252, 5360, 5443, 5566, 5719, 5584, 5452, 5280, 5693, 5574, 5654, 5618, 5658, 5506, 5396, 5614, 5449, 5717, 5655, 5702, 5659, 5617, 5346, 5607, 5503, 5327, 5338, 5509, 5570, 5647, 5682, 5255, 5678, 5668, 5398, 5256, 5646, 5348, 5465, 5554, 5459, 5381, 5576, 5564, 5695, 5598, 5368, 5440, 5675, 5492, 5557, 5375, 5350, 5534, 5516, 5436, 5640, 5606, 5333, 5546, 5630, 5335, 5634, 5517, 5723, 5544, 5588, 5582, 5261, 5553, 5513, 5519, 5424, 5408, 5257, 5572, 5288, 5481, 5706, 5599, 5696, 5275, 5366, 5548, 5535, 5395, 5500, 5684, 5616, 5724, 5314, 5325, 5418, 5295, 5367 (6 hits) (06/02/2014 05:01:28 PM)
20	9	1.0	333.0	Yes	5558.0MHz, -55.0dBm	Hop sequence: 5714, 5344, 5296, 5720, 5384, 5663, 5305, 5687, 5353, 5392, 5415, 5359, 5691, 5367, 5258, 5421, 5519, 5303, 5262, 5291, 5468, 5326, 5447, 5301, 5671, 5394, 5493, 5627, 5512, 5431, 5432, 5673, 5283, 5674, 5391, 5526, 5626, 5458, 5471, 5282, 5259, 5678, 5469, 5346, 5591, 5698, 5343, 5251, 5495, 5444, 5459, 5588, 5295,

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5625, 5634, 5363, 5638, 5699, 5454, 5633, 5281, 5642, 5605, 5542, 5666, 5710, 5320, 5442, 5396, 5539, 5505, 5485, 5420, 5534, 5423, 5399, 5571, 5718, 5647, 5428, 5321, 5349, 5557, 5479, 5309, 5271, 5357, 5646, 5564, 5499, 5545, 5567, 5517, 5574, 5513, 5319, 5590, 5405, 5578, 5294 (3 hits) (06/02/2014 05:01:39 PM)
21	9	1.0	333.0	Yes	5559.0MHz, -55.0dBm	Hop sequence: 5391, 5409, 5457, 5265, 5521, 5540, 5715, 5426, 5290, 5678, 5383, 5478, 5373, 5316, 5606, 5318, 5518, 5387, 5413, 5295, 5508, 5255, 5342, 5392, 5406, 5595, 5276, 5286, 5452, 5626, 5465, 5660, 5694, 5640, 5365, 5725, 5272, 5719, 5398, 5657, 5327, 5375, 5718, 5670, 5538, 5579, 5458, 5512, 5329, 5313, 5431, 5469, 5584, 5334, 5608, 5419, 5257, 5550, 5498, 5292, 5543, 5504, 5685, 5522, 5623, 5444, 5454, 5490, 5335, 5644, 5556, 5558, 5615, 5566, 5475, 5581, 5535, 5554, 5526, 5300, 5548, 5705, 5578, 5359, 5418, 5639, 5523, 5601, 5270, 5315, 5571, 5713, 5510, 5589, 5459, 5445, 5658, 5481, 5356, 5371 (6 hits) (06/02/2014 05:01:48 PM)
22	9	1.0	333.0	No	5541.0MHz, -55.0dBm	Hop sequence: 5518, 5255, 5515, 5368, 5479, 5513, 5441, 5511, 5590, 5627, 5470, 5500, 5266, 5528, 5598, 5303, 5345, 5662, 5311, 5715, 5478, 5575, 5652, 5273, 5522, 5379, 5625, 5701, 5690, 5258, 5651, 5319, 5586, 5529, 5338, 5650, 5675, 5312, 5588, 5436, 5324, 5473, 5677, 5356, 5295, 5668, 5703, 5419, 5355, 5294, 5418, 5283, 5443, 5409, 5672, 5533, 5434, 5358, 5660, 5310, 5686, 5395, 5707, 5613, 5720, 5388, 5719, 5526, 5608, 5680, 5385, 5717, 5375, 5460, 5279, 5537, 5381, 5316, 5298, 5702, 5580, 5408, 5317, 5692, 5623, 5342, 5399, 5708, 5676, 5536, 5450, 5501, 5309, 5380, 5572, 5582, 5412, 5704, 5558, 5333 (1 hits) (06/02/2014 05:01:59 PM)

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
23	9	1.0	333.0	Yes	5542.0MHz, -55.0dBm	Hop sequence: 5446, 5538, 5256, 5513, 5408, 5645, 5251, 5470, 5333, 5561, 5725, 5404, 5498, 5711, 5465, 5539, 5672, 5298, 5527, 5303, 5482, 5571, 5574, 5667, 5318, 5315, 5278, 5454, 5295, 5515, 5662, 5403, 5418, 5412, 5556, 5406, 5533, 5522, 5605, 5346, 5398, 5570, 5290, 5421, 5543, 5692, 5658, 5345, 5485, 5611, 5694, 5358, 5721, 5632, 5280, 5370, 5437, 5376, 5332, 5500, 5291, 5541, 5335, 5282, 5433, 5678, 5435, 5581, 5259, 5448, 5306, 5258, 5706, 5287, 5480, 5312, 5321, 5501, 5324, 5642, 5392, 5440, 5269, 5536, 5588, 5380, 5673, 5396, 5434, 5562, 5585, 5497, 5661, 5452, 5436, 5314, 5547, 5651, 5353, 5590 (4 hits) (06/02/2014 05:02:12 PM)
24	9	1.0	333.0	Yes	5543.0MHz, -55.0dBm	Hop sequence: 5570, 5410, 5305, 5545, 5373, 5588, 5269, 5498, 5463, 5692, 5512, 5571, 5671, 5510, 5589, 5362, 5655, 5664, 5511, 5279, 5403, 5722, 5592, 5481, 5501, 5632, 5382, 5351, 5349, 5566, 5436, 5357, 5586, 5643, 5369, 5489, 5617, 5674, 5497, 5361, 5654, 5701, 5404, 5301, 5452, 5423, 5390, 5645, 5471, 5365, 5549, 5598, 5417, 5474, 5462, 5572, 5522, 5607, 5421, 5622, 5282, 5690, 5273, 5466, 5712, 5263, 5366, 5603, 5625, 5392, 5677, 5328, 5724, 5262, 5370, 5330, 5393, 5266, 5584, 5478, 5447, 5676, 5519, 5630, 5479, 5621, 5412, 5568, 5270, 5354, 5652, 5306, 5599, 5695, 5615, 5657, 5372, 5325, 5406, 5618 (2 hits) (06/02/2014 05:02:21 PM)
25	9	1.0	333.0	Yes	5544.0MHz, -55.0dBm	Hop sequence: 5442, 5433, 5565, 5712, 5325, 5607, 5412, 5639, 5280, 5305, 5613, 5709, 5491, 5454, 5507, 5715, 5300, 5599, 5288, 5499, 5327, 5630, 5392, 5455, 5632, 5278, 5362, 5593, 5563, 5462, 5675, 5396, 5495, 5528, 5301, 5534, 5567, 5541, 5312, 5683, 5626, 5679, 5407, 5393, 5432, 5345, 5426, 5447, 5338, 5691, 5294, 5542, 5601,

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5291, 5281, 5402, 5296, 5356, 5654, 5640, 5710, 5536, 5430, 5390, 5704, 5697, 5429, 5518, 5699, 5575, 5677, 5703, 5606, 5498, 5475, 5674, 5582, 5381, 5329, 5299, 5655, 5295, 5553, 5420, 5621, 5660, 5482, 5707, 5328, 5629, 5595, 5368, 5274, 5649, 5333, 5574, 5270, 5671, 5503, 5395 (3 hits) (06/02/2014 05:02:29 PM)
26	9	1.0	333.0	Yes	5545.0MHz, -55.0dBm	Hop sequence: 5542, 5455, 5359, 5544, 5302, 5707, 5452, 5681, 5694, 5504, 5366, 5478, 5561, 5275, 5471, 5468, 5563, 5708, 5388, 5574, 5305, 5573, 5439, 5385, 5689, 5390, 5466, 5520, 5321, 5336, 5309, 5474, 5715, 5450, 5720, 5647, 5583, 5393, 5362, 5675, 5717, 5548, 5489, 5269, 5476, 5465, 5443, 5697, 5259, 5537, 5497, 5386, 5556, 5521, 5531, 5718, 5550, 5660, 5571, 5467, 5543, 5299, 5375, 5453, 5516, 5400, 5700, 5434, 5281, 5588, 5554, 5432, 5492, 5642, 5635, 5575, 5534, 5633, 5613, 5444, 5483, 5322, 5698, 5482, 5447, 5693, 5529, 5354, 5679, 5380, 5488, 5710, 5415, 5591, 5668, 5522, 5329, 5289, 5367, 5650 (7 hits) (06/02/2014 05:02:37 PM)
27	9	1.0	333.0	Yes	5546.0MHz, -55.0dBm	Hop sequence: 5627, 5430, 5566, 5541, 5354, 5465, 5377, 5497, 5390, 5590, 5659, 5270, 5325, 5257, 5451, 5573, 5265, 5329, 5274, 5422, 5482, 5605, 5367, 5478, 5476, 5294, 5352, 5443, 5413, 5676, 5679, 5641, 5556, 5389, 5256, 5674, 5276, 5382, 5520, 5630, 5593, 5448, 5650, 5586, 5569, 5723, 5302, 5358, 5645, 5328, 5455, 5709, 5579, 5715, 5578, 5653, 5312, 5708, 5385, 5562, 5710, 5657, 5447, 5519, 5310, 5539, 5673, 5404, 5269, 5291, 5334, 5544, 5454, 5603, 5337, 5647, 5693, 5701, 5493, 5386, 5616, 5551, 5509, 5597, 5542, 5473, 5330, 5397, 5486, 5548, 5425, 5362, 5499, 5400, 5567, 5651, 5376, 5614, 5462, 5712 (6 hits) (06/02/2014 05:02:46 PM)

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	9	1.0	333.0	Yes	5547.0MHz, -55.0dBm	Hop sequence: 5605, 5275, 5656, 5555, 5296, 5657, 5356, 5432, 5303, 5715, 5679, 5321, 5490, 5468, 5575, 5409, 5420, 5647, 5358, 5351, 5669, 5626, 5677, 5293, 5568, 5408, 5723, 5294, 5487, 5348, 5716, 5285, 5396, 5541, 5368, 5726, 5703, 5610, 5711, 5430, 5270, 5342, 5366, 5609, 5397, 5436, 5592, 5699, 5554, 5521, 5664, 5607, 5654, 5447, 5330, 5565, 5463, 5641, 5255, 5374, 5418, 5580, 5265, 5603, 5695, 5480, 5576, 5638, 5631, 5668, 5462, 5442, 5531, 5519, 5320, 5401, 5338, 5652, 5274, 5474, 5681, 5718, 5335, 5692, 5369, 5527, 5298, 5448, 5617, 5532, 5719, 5588, 5252, 5465, 5392, 5644, 5411, 5678, 5655, 5649 (3 hits) (06/02/2014 05:02:54 PM)
29	9	1.0	333.0	Yes	5548.0MHz, -55.0dBm	Hop sequence: 5357, 5497, 5350, 5533, 5671, 5710, 5391, 5716, 5372, 5431, 5301, 5452, 5336, 5361, 5726, 5571, 5569, 5701, 5319, 5261, 5576, 5423, 5689, 5478, 5411, 5408, 5380, 5534, 5535, 5269, 5346, 5556, 5467, 5550, 5436, 5530, 5567, 5629, 5656, 5564, 5560, 5644, 5440, 5386, 5522, 5487, 5402, 5611, 5454, 5613, 5685, 5614, 5692, 5289, 5541, 5709, 5572, 5536, 5313, 5377, 5362, 5677, 5330, 5599, 5641, 5638, 5265, 5340, 5585, 5279, 5328, 5659, 5421, 5322, 5341, 5566, 5419, 5598, 5532, 5610, 5258, 5254, 5680, 5587, 5544, 5474, 5355, 5468, 5607, 5513, 5318, 5297, 5302, 5275, 5360, 5347, 5606, 5653, 5589, 5458 (4 hits) (06/02/2014 05:03:03 PM)
30	9	1.0	333.0	Yes	5549.0MHz, -55.0dBm	Hop sequence: 5364, 5518, 5515, 5361, 5536, 5420, 5346, 5430, 5460, 5307, 5533, 5406, 5513, 5398, 5392, 5639, 5506, 5481, 5688, 5700, 5347, 5719, 5441, 5447, 5611, 5698, 5523, 5401, 5672, 5702, 5428, 5448, 5620, 5341, 5317, 5499, 5291, 5444, 5281, 5325, 5412, 5283, 5587, 5438, 5383, 5475, 5425, 5511, 5539, 5334, 5519, 5496, 5631,

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5550, 5303, 5439, 5554, 5433, 5336, 5697, 5332, 5575, 5568, 5641, 5667, 5563, 5349, 5305, 5419, 5507, 5694, 5262, 5714, 5342, 5706, 5492, 5574, 5337, 5584, 5657, 5560, 5252, 5514, 5703, 5668, 5675, 5279, 5363, 5368, 5652, 5636, 5409, 5680, 5524, 5573, 5674, 5431, 5451, 5456, 5315 (2 hits) (06/02/2014 05:03:12 PM)
31	9	1.0	333.0	Yes	5550.0MHz, -55.0dBm	Hop sequence: 5435, 5439, 5305, 5427, 5318, 5413, 5365, 5356, 5290, 5550, 5377, 5453, 5475, 5380, 5447, 5507, 5672, 5658, 5371, 5299, 5460, 5648, 5543, 5622, 5604, 5362, 5400, 5251, 5331, 5344, 5479, 5506, 5642, 5327, 5339, 5630, 5278, 5388, 5578, 5626, 5568, 5445, 5415, 5272, 5481, 5474, 5259, 5364, 5444, 5294, 5608, 5724, 5269, 5338, 5591, 5542, 5573, 5396, 5708, 5627, 5263, 5374, 5695, 5266, 5667, 5592, 5690, 5316, 5404, 5572, 5317, 5426, 5558, 5637, 5319, 5581, 5466, 5652, 5603, 5712, 5273, 5465, 5534, 5483, 5358, 5407, 5634, 5403, 5705, 5566, 5361, 5264, 5638, 5382, 5354, 5719, 5389, 5693, 5577, 5609 (4 hits) (06/02/2014 05:03:54 PM)
32	9	1.0	333.0	Yes	5551.0MHz, -55.0dBm	Hop sequence: 5566, 5571, 5305, 5601, 5544, 5679, 5500, 5674, 5294, 5562, 5638, 5425, 5262, 5388, 5297, 5539, 5582, 5465, 5428, 5337, 5446, 5643, 5456, 5256, 5437, 5648, 5511, 5370, 5405, 5725, 5263, 5479, 5492, 5635, 5565, 5421, 5552, 5559, 5506, 5424, 5359, 5272, 5640, 5641, 5691, 5528, 5646, 5536, 5343, 5468, 5397, 5561, 5719, 5525, 5402, 5436, 5497, 5323, 5454, 5443, 5419, 5676, 5493, 5360, 5608, 5375, 5667, 5563, 5721, 5377, 5501, 5606, 5420, 5665, 5488, 5466, 5629, 5310, 5368, 5517, 5634, 5255, 5393, 5398, 5602, 5259, 5389, 5524, 5470, 5307, 5588, 5411, 5547, 5330, 5550, 5599, 5578, 5290, 5471, 5560 (5 hits) (06/02/2014 05:04:04 PM)

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
33	9	1.0	333.0	Yes	5552.0MHz, -55.0dBm	Hop sequence: 5530, 5411, 5459, 5252, 5277, 5710, 5529, 5278, 5683, 5505, 5367, 5707, 5399, 5328, 5444, 5571, 5550, 5384, 5294, 5573, 5651, 5274, 5300, 5474, 5551, 5316, 5654, 5509, 5716, 5320, 5678, 5441, 5552, 5714, 5371, 5558, 5499, 5395, 5258, 5297, 5690, 5693, 5576, 5378, 5623, 5643, 5446, 5713, 5348, 5601, 5361, 5497, 5468, 5393, 5685, 5723, 5268, 5387, 5327, 5544, 5283, 5413, 5424, 5508, 5636, 5456, 5267, 5686, 5270, 5526, 5477, 5555, 5495, 5363, 5357, 5637, 5394, 5633, 5342, 5616, 5365, 5538, 5517, 5639, 5284, 5307, 5466, 5618, 5650, 5396, 5621, 5662, 5657, 5476, 5338, 5606, 5562, 5518, 5610, 5391 (6 hits) (06/02/2014 05:04:12 PM)
34	9	1.0	333.0	Yes	5553.0MHz, -55.0dBm	Hop sequence: 5602, 5425, 5530, 5548, 5708, 5304, 5380, 5369, 5336, 5338, 5506, 5414, 5663, 5573, 5339, 5617, 5266, 5295, 5570, 5627, 5688, 5696, 5669, 5526, 5403, 5421, 5401, 5604, 5576, 5251, 5501, 5472, 5574, 5515, 5409, 5475, 5725, 5476, 5514, 5547, 5360, 5541, 5644, 5713, 5330, 5252, 5536, 5598, 5510, 5438, 5405, 5497, 5278, 5377, 5349, 5707, 5448, 5609, 5575, 5645, 5342, 5694, 5709, 5265, 5257, 5539, 5419, 5608, 5698, 5668, 5717, 5484, 5538, 5622, 5426, 5316, 5391, 5267, 5297, 5366, 5307, 5615, 5477, 5649, 5567, 5288, 5325, 5392, 5641, 5451, 5628, 5372, 5271, 5446, 5363, 5520, 5256, 5305, 5474, 5294 (3 hits) (06/02/2014 05:04:22 PM)
35	9	1.0	333.0	Yes	5554.0MHz, -55.0dBm	Hop sequence: 5402, 5722, 5282, 5678, 5484, 5684, 5300, 5371, 5558, 5304, 5417, 5473, 5436, 5307, 5699, 5358, 5432, 5390, 5340, 5471, 5704, 5691, 5377, 5596, 5408, 5528, 5718, 5589, 5517, 5470, 5313, 5399, 5348, 5324, 5302, 5645, 5335, 5382, 5717, 5665, 5394, 5505, 5625, 5716, 5258, 5409, 5314, 5660, 5562, 5552, 5274, 5288, 5427,

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5393, 5585, 5420, 5264, 5411, 5659, 5273, 5365, 5621, 5582, 5416, 5401, 5573, 5476, 5359, 5610, 5289, 5367, 5342, 5697, 5343, 5425, 5526, 5339, 5584, 5515, 5687, 5575, 5320, 5501, 5488, 5723, 5267, 5321, 5521, 5536, 5275, 5613, 5667, 5337, 5455, 5477, 5560, 5398, 5539, 5508, 5654 (2 hits) (06/02/2014 05:04:33 PM)
36	9	1.0	333.0	Yes	5555.0MHz, -55.0dBm	Hop sequence: 5278, 5273, 5341, 5274, 5464, 5444, 5382, 5418, 5294, 5275, 5254, 5438, 5644, 5590, 5723, 5356, 5568, 5437, 5386, 5670, 5272, 5604, 5502, 5724, 5673, 5542, 5421, 5641, 5405, 5599, 5501, 5538, 5302, 5572, 5621, 5480, 5285, 5371, 5379, 5507, 5364, 5624, 5409, 5685, 5309, 5625, 5605, 5633, 5451, 5443, 5653, 5550, 5338, 5261, 5331, 5518, 5376, 5521, 5575, 5412, 5667, 5488, 5558, 5459, 5348, 5709, 5408, 5427, 5283, 5681, 5506, 5420, 5497, 5357, 5399, 5651, 5684, 5627, 5354, 5504, 5519, 5442, 5675, 5336, 5513, 5351, 5310, 5471, 5260, 5485, 5457, 5404, 5350, 5406, 5375, 5620, 5612, 5396, 5555, 5639 (4 hits) (06/02/2014 05:04:50 PM)
37	9	1.0	333.0	Yes	5556.0MHz, -55.0dBm	Hop sequence: 5286, 5391, 5637, 5449, 5642, 5380, 5429, 5680, 5552, 5631, 5678, 5423, 5632, 5291, 5629, 5261, 5690, 5292, 5270, 5463, 5541, 5595, 5458, 5686, 5487, 5453, 5388, 5426, 5411, 5375, 5575, 5568, 5618, 5671, 5276, 5507, 5619, 5305, 5256, 5555, 5328, 5277, 5534, 5712, 5504, 5444, 5326, 5481, 5480, 5707, 5562, 5457, 5705, 5392, 5460, 5584, 5495, 5643, 5706, 5640, 5306, 5255, 5448, 5339, 5651, 5622, 5412, 5382, 5543, 5644, 5653, 5304, 5438, 5317, 5506, 5519, 5693, 5349, 5282, 5378, 5659, 5489, 5673, 5402, 5670, 5316, 5342, 5577, 5466, 5579, 5581, 5509, 5488, 5474, 5334, 5528, 5521, 5498, 5385, 5335 (4 hits) (06/02/2014 05:04:59 PM)

Table 82 - FCC frequency hopping radar (Type 6) Results 20MHz BW (55 tx, 45 rx ratio)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
38	9	1.0	333.0	Yes	5557.0MHz, -55.0dBm	Hop sequence: 5573, 5671, 5518, 5352, 5297, 5645, 5374, 5407, 5719, 5309, 5641, 5713, 5262, 5717, 5489, 5692, 5295, 5558, 5484, 5372, 5322, 5257, 5600, 5663, 5254, 5330, 5590, 5396, 5429, 5466, 5634, 5410, 5679, 5280, 5601, 5385, 5444, 5362, 5427, 5593, 5255, 5310, 5253, 5363, 5706, 5292, 5551, 5480, 5668, 5539, 5505, 5534, 5583, 5358, 5545, 5479, 5313, 5597, 5520, 5397, 5360, 5708, 5305, 5256, 5549, 5664, 5702, 5710, 5296, 5395, 5283, 5472, 5625, 5607, 5430, 5260, 5354, 5446, 5511, 5478, 5486, 5315, 5666, 5365, 5415, 5381, 5275, 5401, 5475, 5325, 5393, 5389, 5572, 5647, 5405, 5488, 5689, 5715, 5646, 5341 (4 hits) (06/02/2014 05:05:14 PM)

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements

Table 83 - FCC Part 15 Subpart E Channel Closing Test Results					
Waveform Type	Channel Closing Transmission Time [1]		Channel Move Time		Result
	Measured	Limit	Measured	Limit	
Radar Type 1 (Master)	7.82 ms	60 ms	0.32	10 s	Pass
Radar Type 5 (Master)	0 ms	60 ms	-3.35	10 s	Pass
Radar Type 1 (Client)	8.62 ms	60 ms	0.34	10 s	Pass

[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.

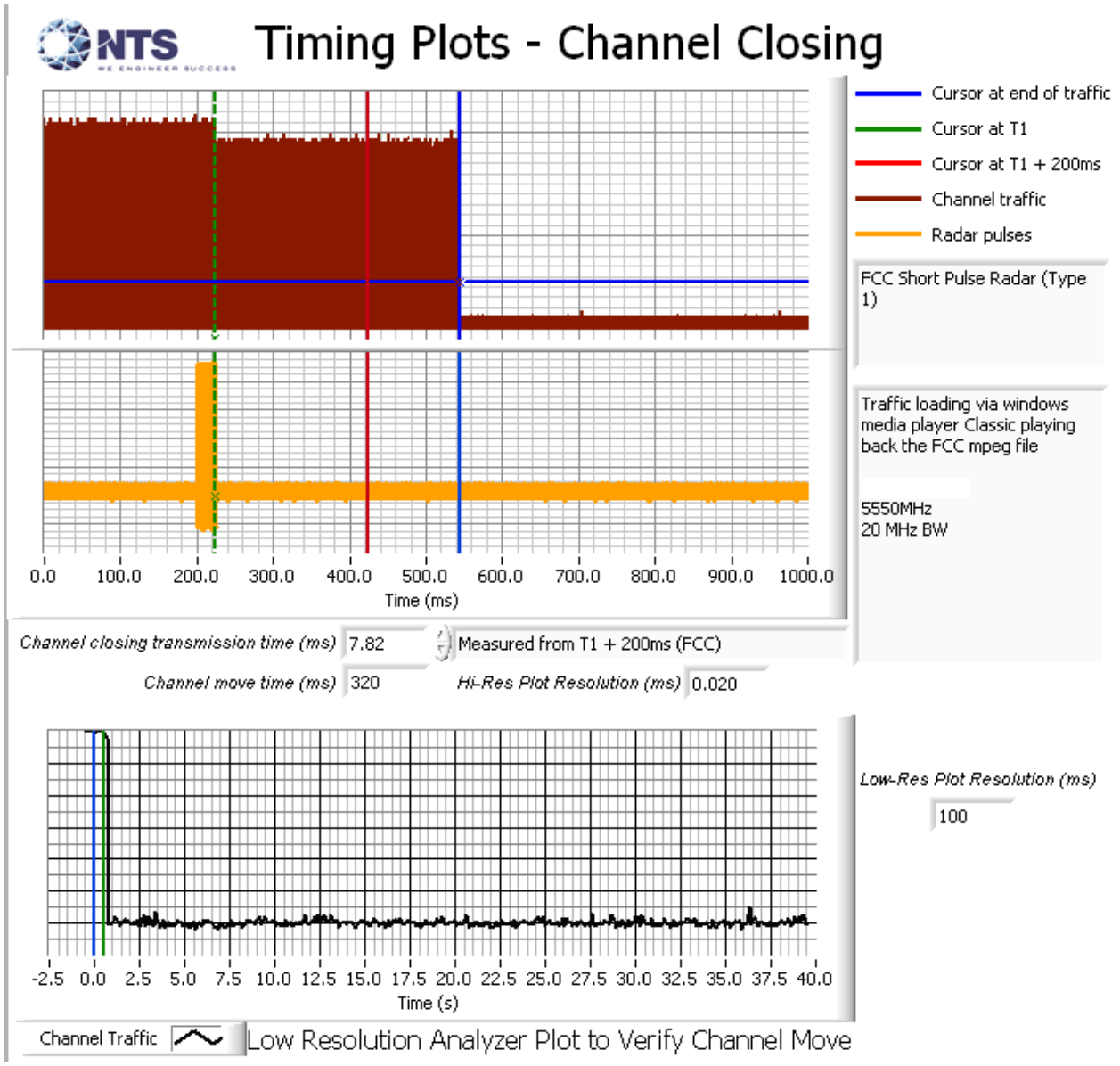


Figure 10 Channel Closing Time and Channel Move Time (master 20 MHz mode) – 40 second plot

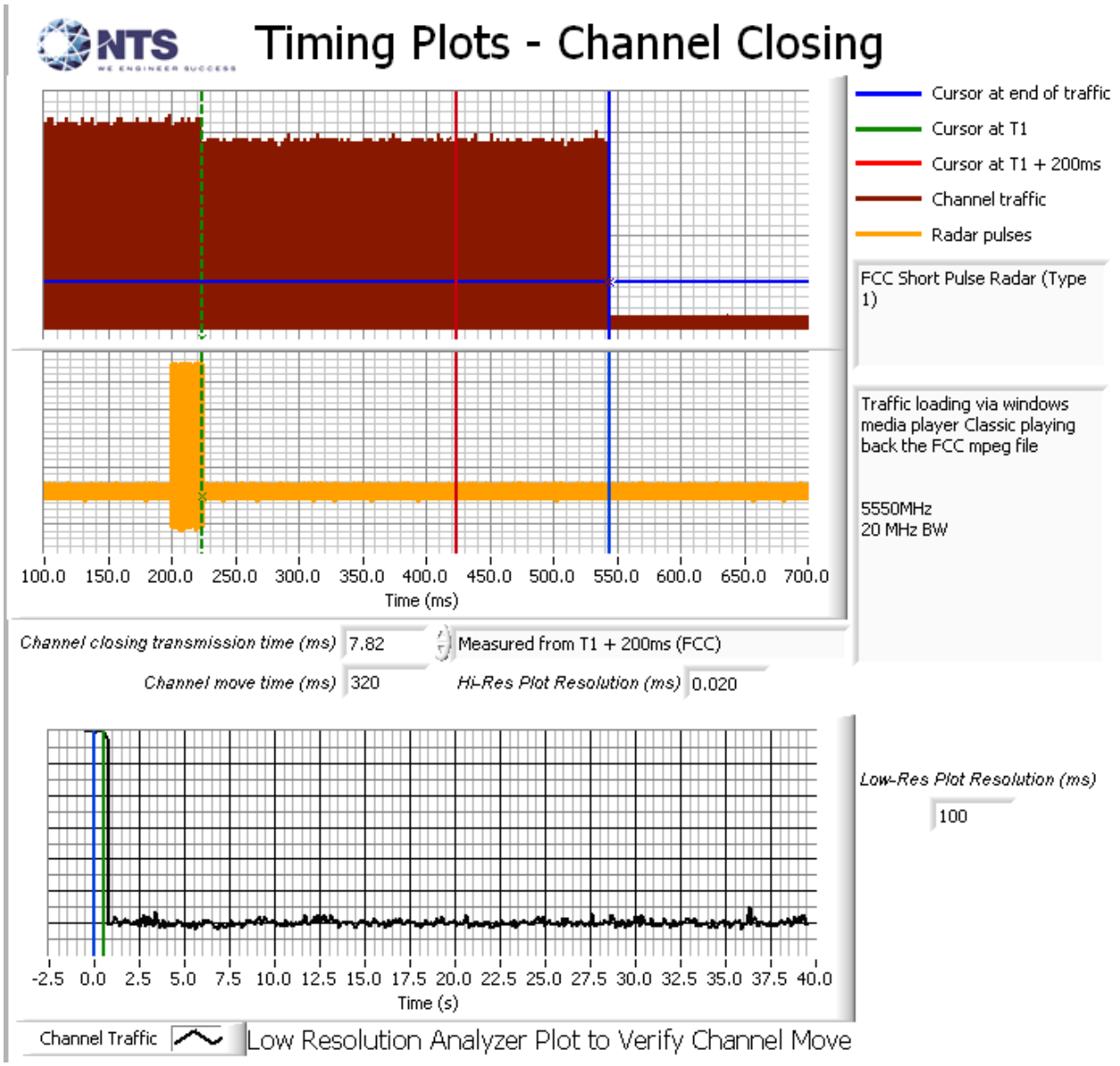


Figure 11 Close-Up of Transmissions Occurring More Than 200ms After the End of Radar (master 20 MHz mode)

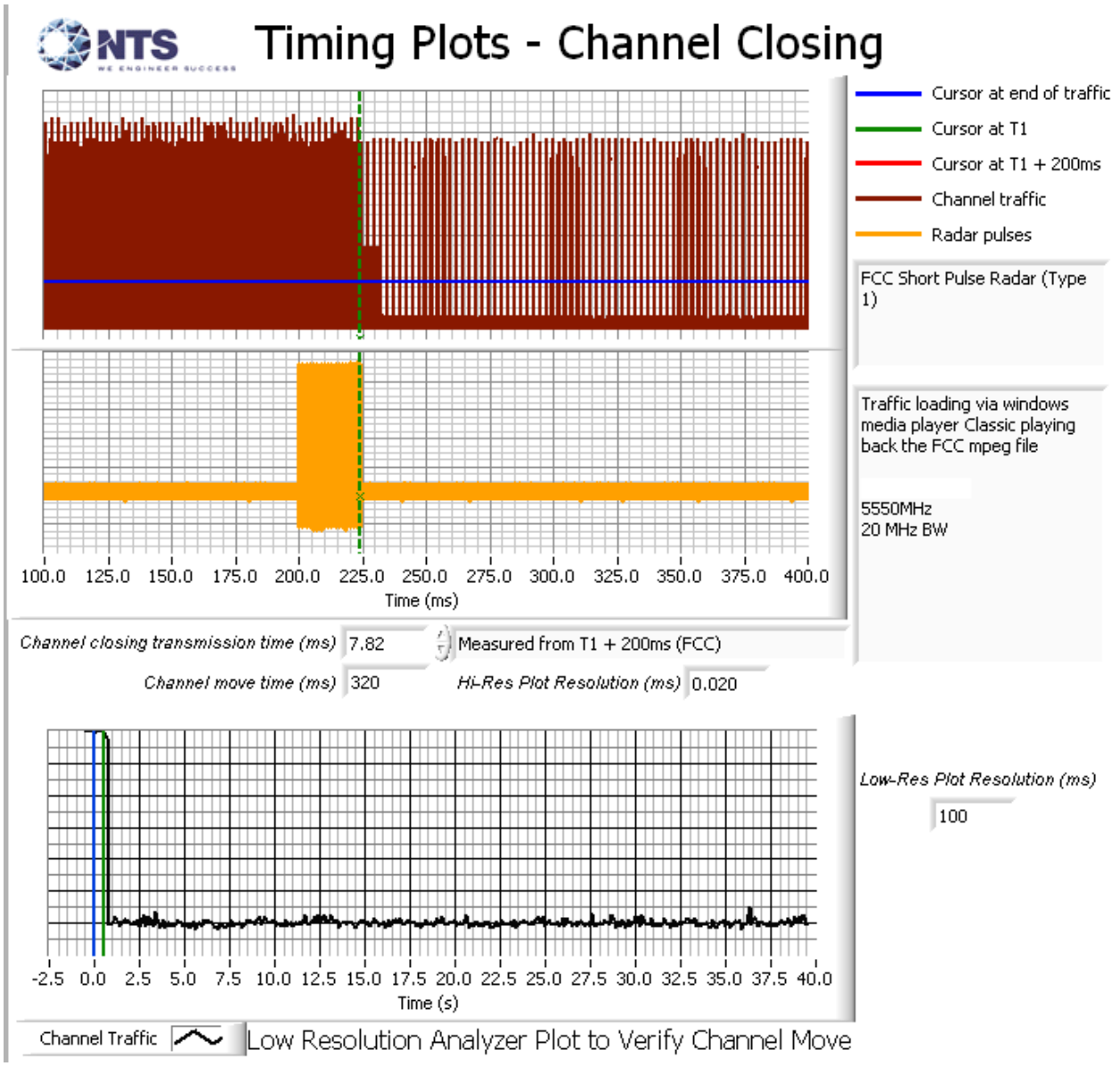


Figure 12 Close-Up of Transmissions Occurring after End of Radar to Show Control Signals (master 20 MHz mode)

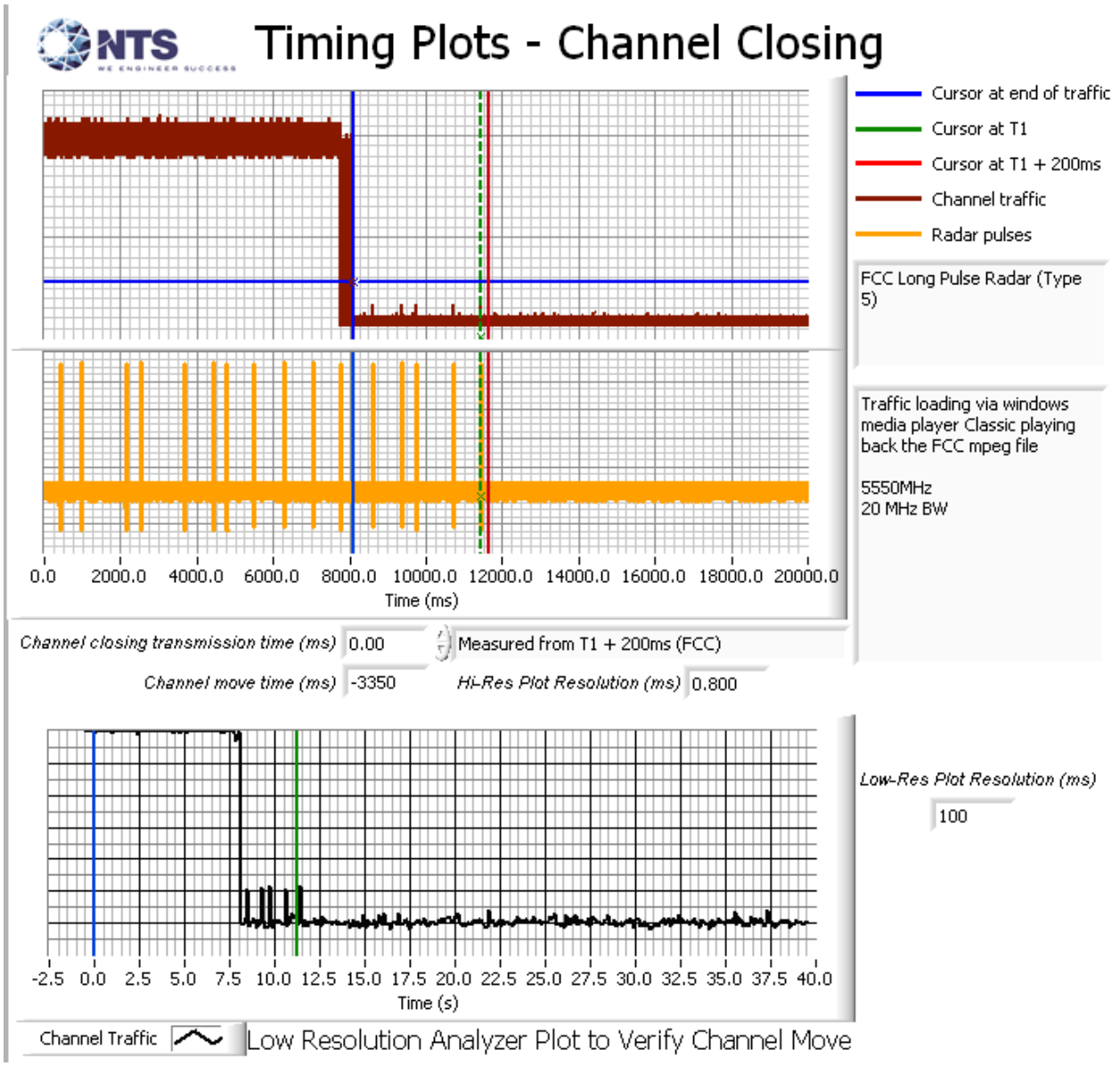


Figure 13 Channel Closing Time and Channel Move Time (master 20 MHz mode) – 40 second plot

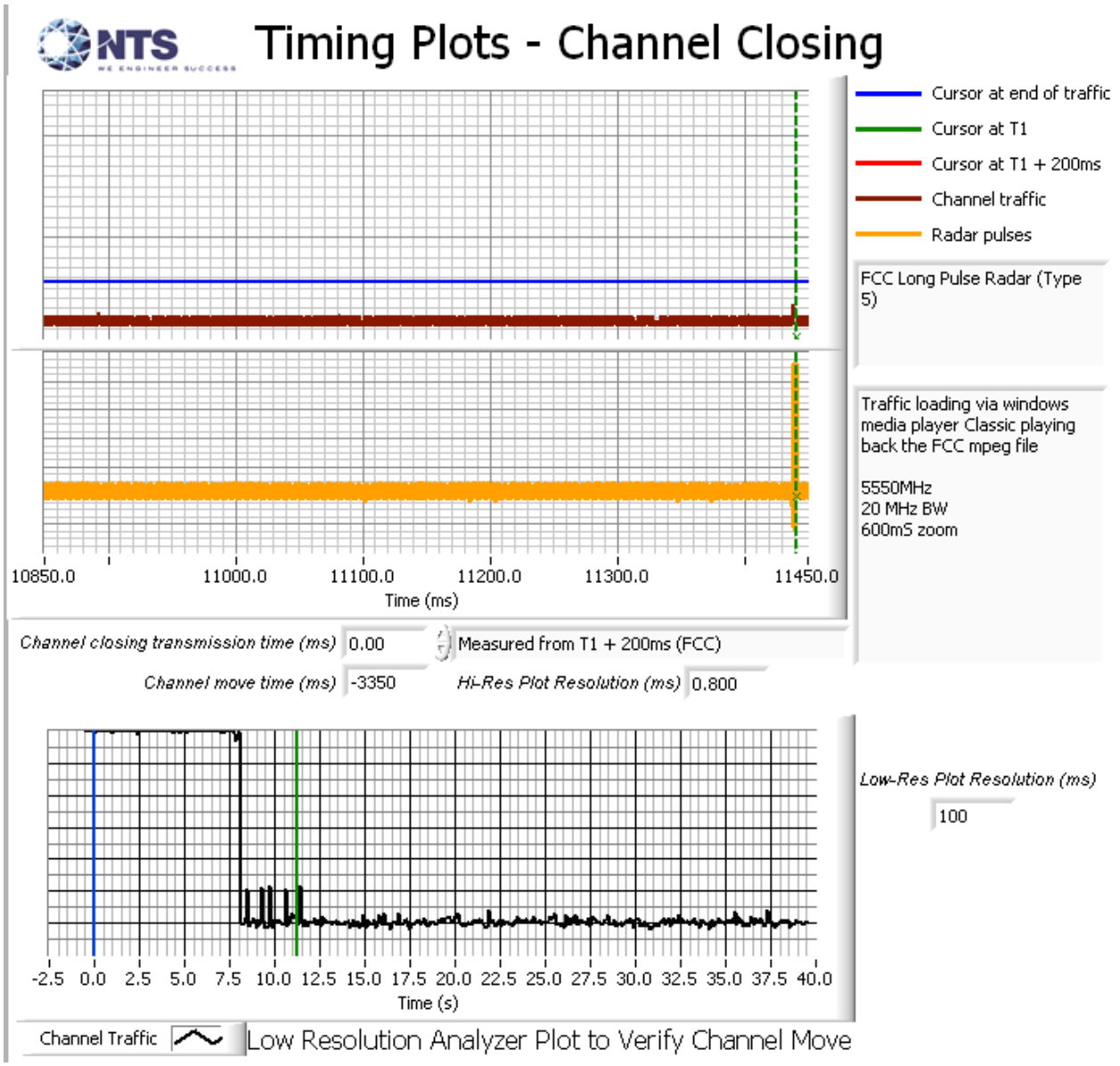


Figure 14 Close-Up of Transmissions Occurring More Than 200ms After the End of Radar (master 20 MHz mode)

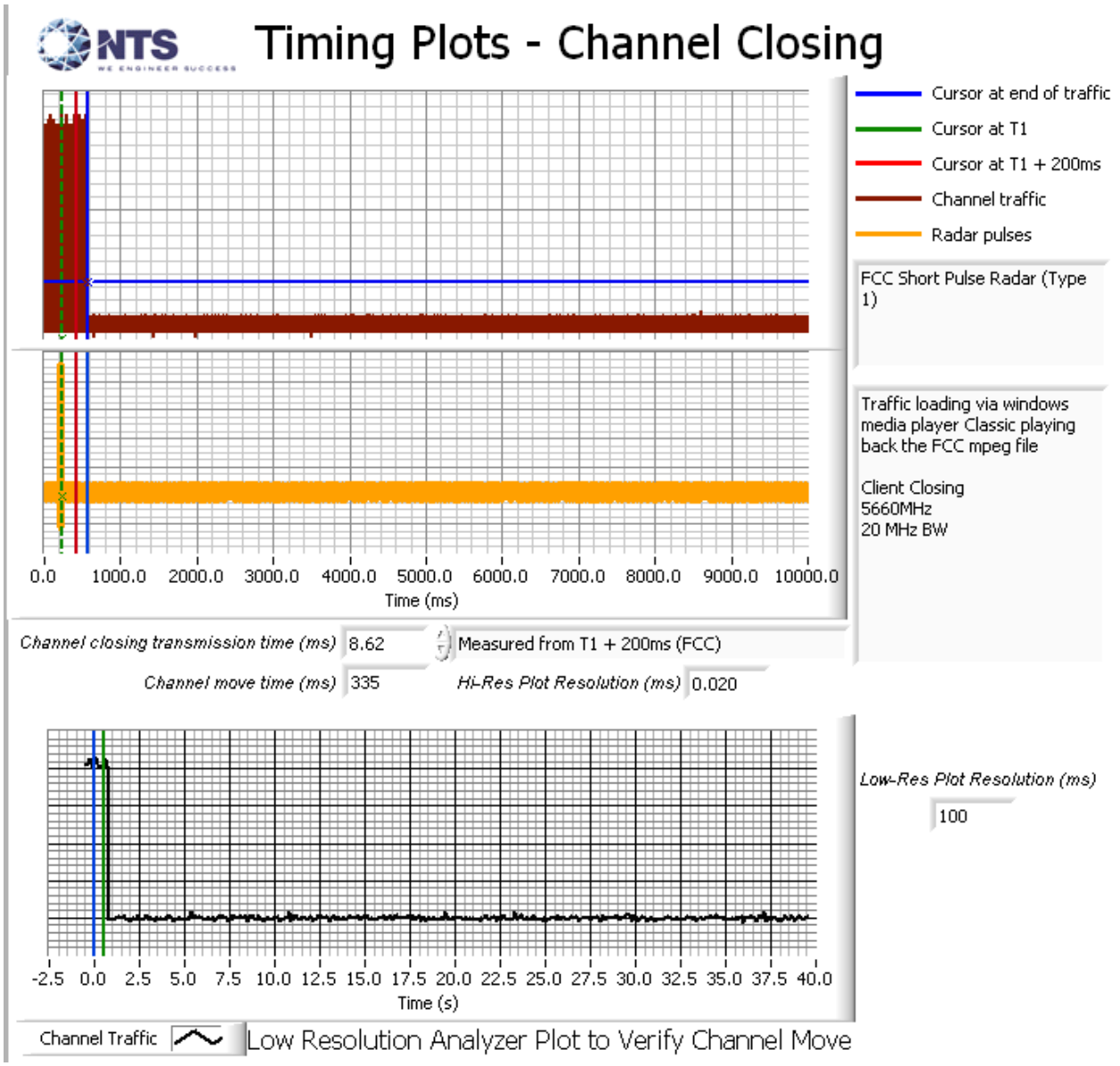


Figure 15 Channel Closing Time and Channel Move Time (client 20 MHz mode) – 40 second plot

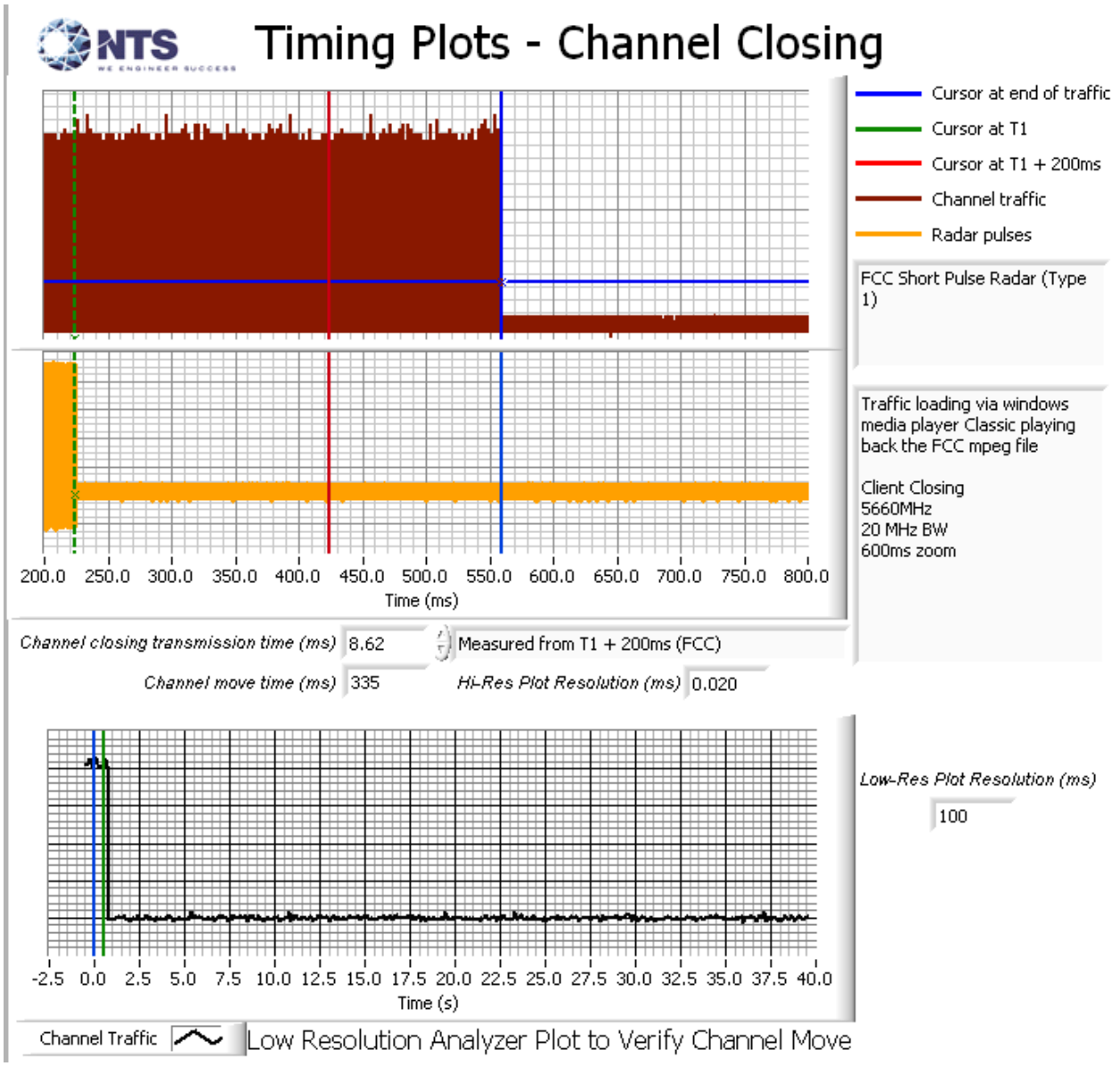


Figure 16 Close-Up of Transmissions Occurring More Than 200ms After the End of Radar (client 20 MHz mode)

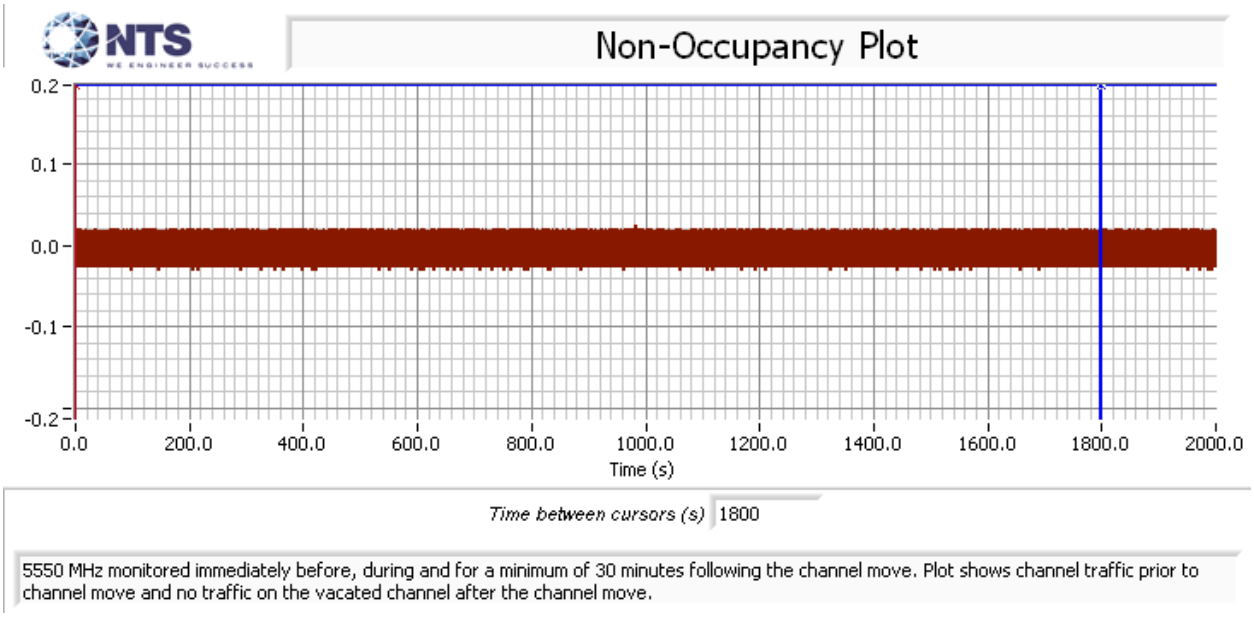


Figure 17 Radar Channel Non-Occupancy Plot (mode)

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 on the vacated channel after the channel move had been completed.

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

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 indicated by the green cursor line.

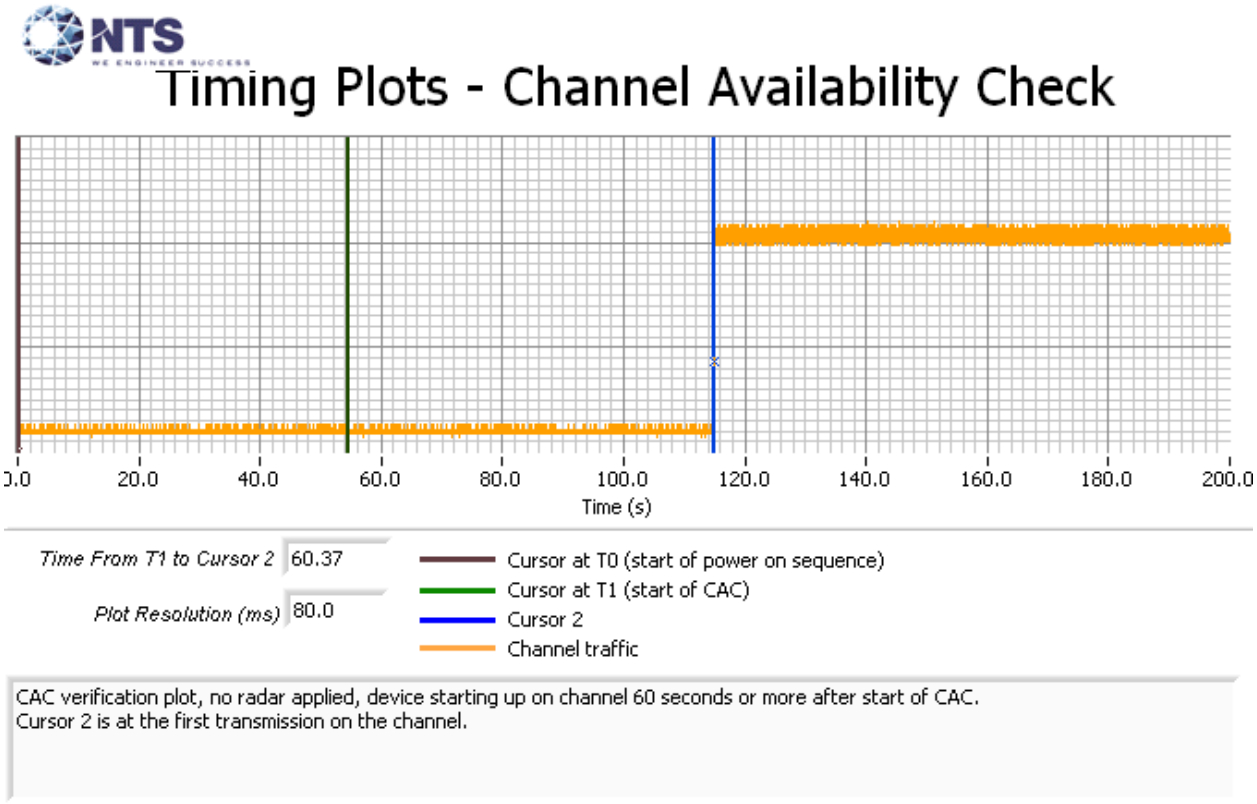


Figure 18 Plot of EUT Start-Up after CAC

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

The level of the radar signal applied was -55dBm. Measurements were made on channel 110 (5550 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 the EUT on the start-up channel.

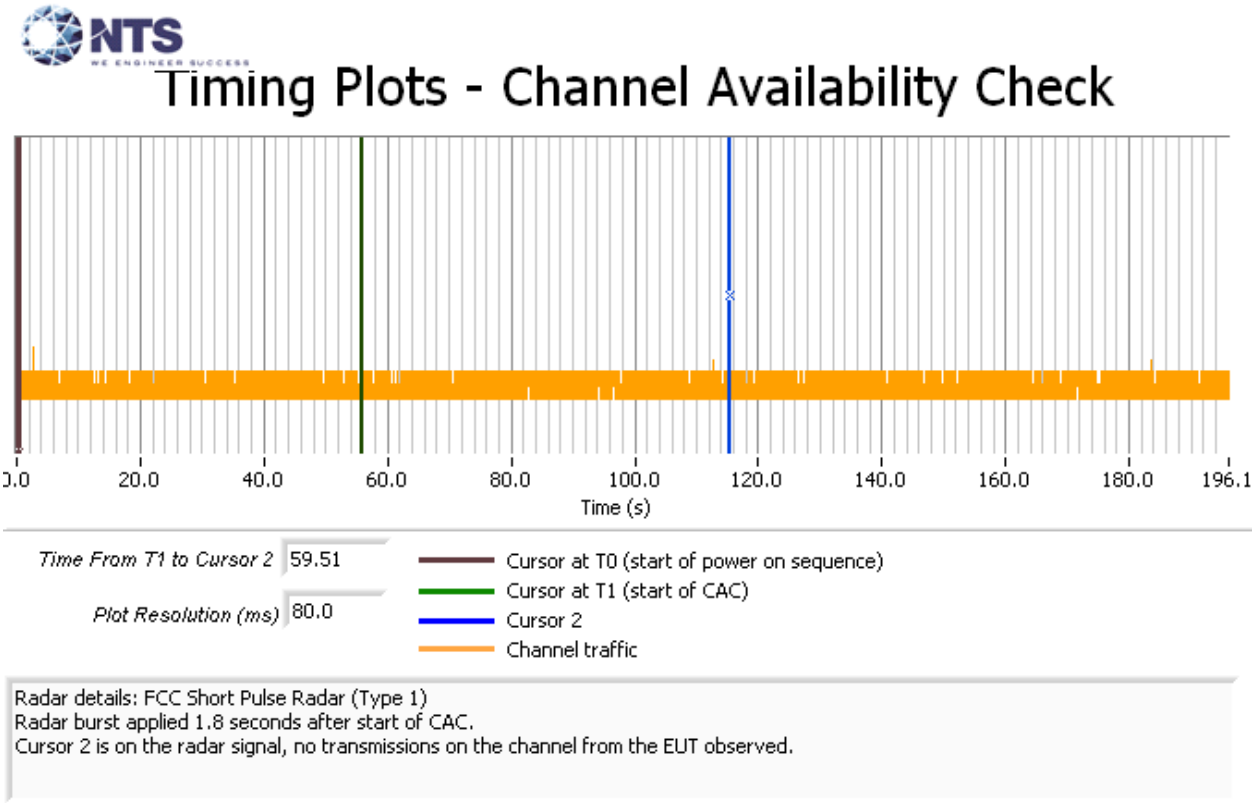


Figure 19 Radar Applied At Start of CAC

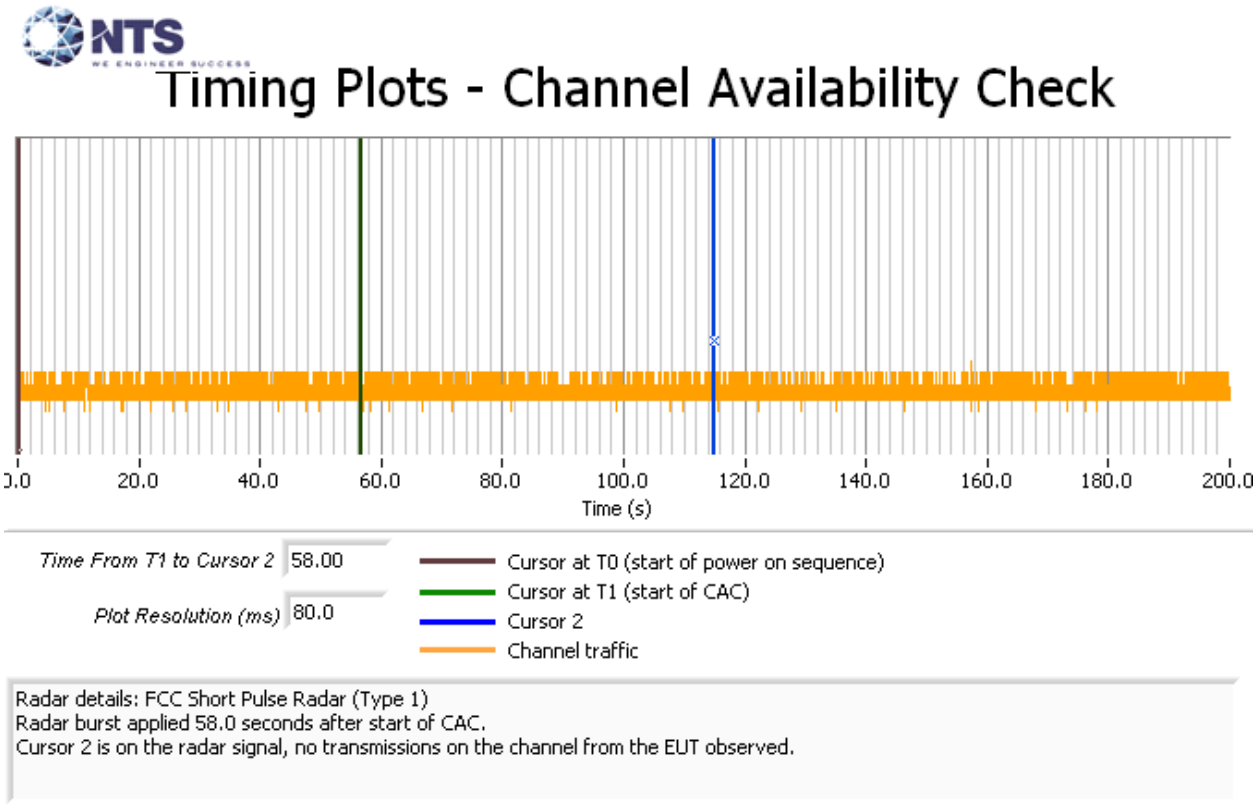


Figure 20 Radar Applied At End of CAC

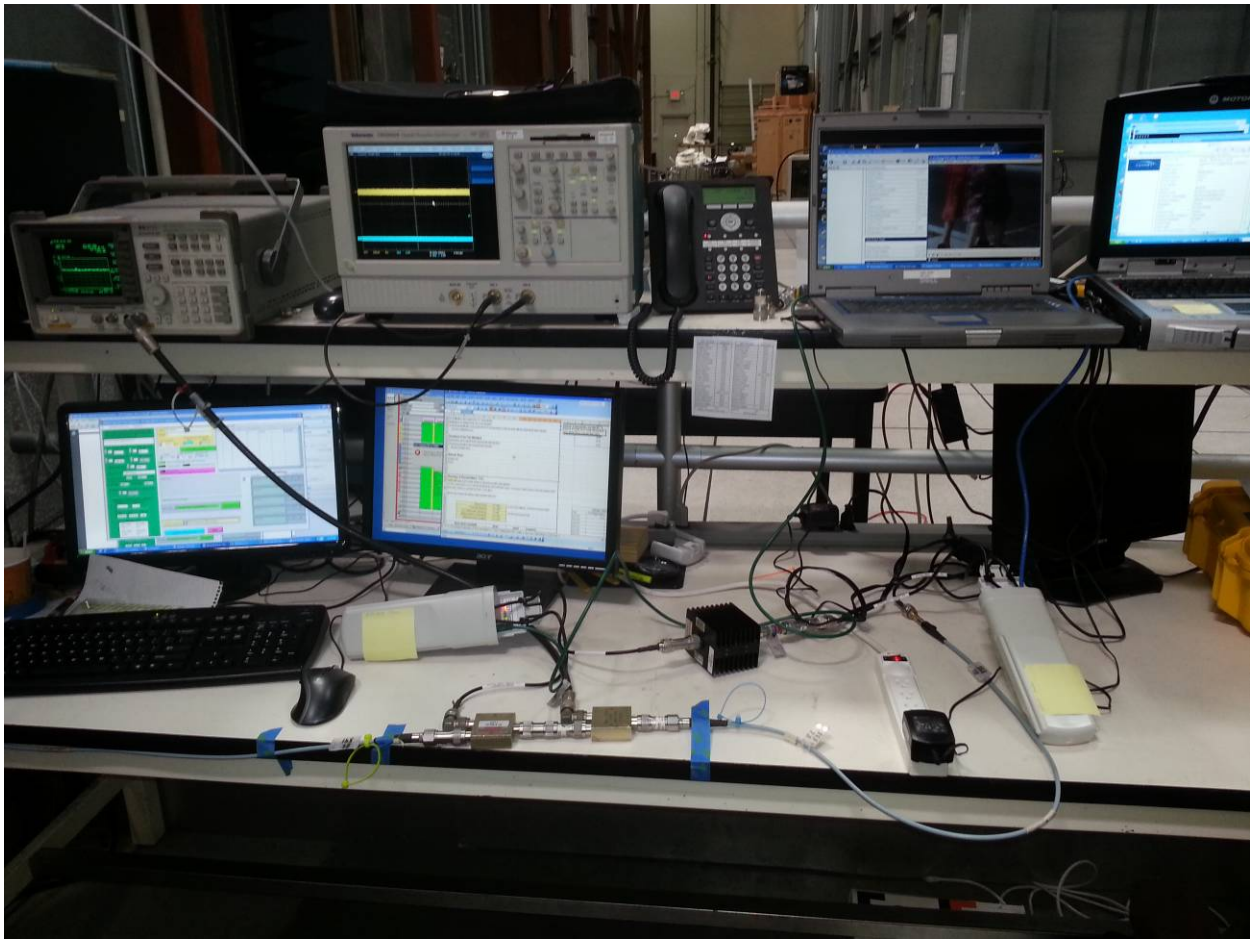
Appendix E Uniform Loading

Uniform Loading is not applicable as this device is part of a managed network and is professionally installed. Field units will be configured with one primary channel and two alternate channels.

Appendix F Antenna Specification

Integral patch antenna 8dBi V&H
For conducted test setup, EUT cable had 1 dB of loss at 5GHz.

Appendix G Test Configuration Photograph(s)



End of Report

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