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TEST REPORT

Covering the DYNAMIC FREQUENCY SELECTION (DFS) REQUIREMENTS OF

FCC Part 15 Subpart E (UNII)

Vivint Wireless
Model: SR1530

FCC ID:	2AAAS-AP03
COMPANY:	Vivint Wireless 3945 Freedom Circle, Suite 150 Santa Clara, CA, 95054
TEST SITE:	National Technical Systems - Silicon Valley 41039 Boyce Road Fremont, CA 94538
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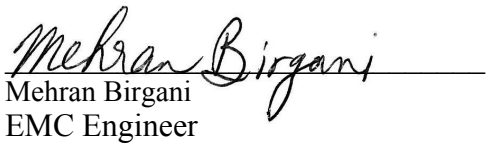

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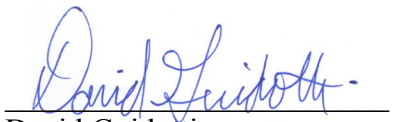

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REVISION HISTORY

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-	June 15, 2015	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.

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 Vivint Wireless model SR1530 and therefore apply only to the tested sample. The sample was selected and prepared by Venkat Kalkunte of Vivint Wireless.

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 Vivint Wireless model SR1530 complied with the DFS requirements of FCC Part 15.407(h)(2).

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

DEVIATIONS FROM THE STANDARD

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

TEST RESULTS

TEST RESULTS SUMMARY – FCC Part 15, MASTER DEVICE

Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (802.11n 20MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1A through Type 6	5500 MHz	-64dBm	-64dBm (note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	20MHz	100% of the 99% BW	-	Pass

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 1 dBi. The limit is based on an eirp of more than 23 dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.

Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (802.11n 40MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1A through Type 6	5510 MHz	-64dBm	-64dBm (note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	38MHz	100% of the 99% BW	-	Pass

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 1 dBi. The limit is based on an eirp of more than 23 dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.

Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (802.11ac 80MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 0	5530 MHz	70.1s	≥ 60s	Appendix D	Pass
CAC Detection Threshold	Type 0	5530 MHz	-64dBm	-64dBm (See note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1A through Type 6	5530 MHz	-64dBm	-64dBm (note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	80MHz	100% of the 99% BW	-	Pass
Channel closing transmission time	Type 0	5530 MHz	0 ms	≤ 260ms	Appendix C	Pass
Channel move time	Type 0	5530 MHz	0.042s	≤ 10s	Appendix C	Pass
Non-occupancy period	-	5530 MHz	> 30min	> 30min	Appendix C	Pass
Uniform Loading		-	-	Uniform Loading	Refer to operational description	Pass

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 1 dBi. The limit is based on an eirp of more than 23 dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.

Note: The testing was performed prior to the release of KDB 905462 D02 v01r02. While the selection of the Bin 5 radars was not randomized, they were chosen to ensure that radars were applied across 80% of the Occupied Bandwidth. In all other aspects, the testing was performed in accordance with v01r02.

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 Vivint Wireless model SR1530 is an outdoor access point using a 5GHz 4x4 802.11ac radio.

The sample was received on April 08, 2015 and tested on April 08-09, 2015. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
vivint Wireless	1530	Outdoor AP	None - Prototype

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

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	4.5 dBi	5 dBi
Highest Antenna Gain (dBi)	4.5 dBi	5 dBi
EIRP Output Power (dBm)	29.9dBm	29.9dBm

Refer to antenna specification in the appendix for more information.

☒ Power can exceed 200mW eirp

Channel Protocol

☒ IP Based

ENCLOSURE

The EUT enclosure measures approximately 32 by 32 by 10 centimeters. It is primarily constructed of uncoated coated plastic.

MODIFICATIONS

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

SUPPORT EQUIPMENT

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

Manufacturer	Model	Description	Serial Number	FCC ID
acer	Aspire 5735	Laptop	DTVKCAA0024120696C9600	-
vivint Wireless	*SR1520*	*Access Point*	*500000*	*2AAAS-CE03*
HP	6910p	Laptop	CND8280MD5	-

The italicized device was the master device.

EUT INTERFACE PORTS

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

Port	Connected To	Cable(s)		
		Description	Shielded or Unshielded	Length (m)
Ethernet/PoE (EUT)	PoE	STP cat. 6	Shielded	10.0
PoE	Desktop	UTP cat. 5	Unshielded	1.0
Ethernet/PoE (Master)	PoE	STP cat. 6	Shielded	1.0
PoE	Laptop	STP cat. 6	Shielded	10.0

EUT OPERATION

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

Master Device: 36.7.0.36

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

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

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

The streamed file was the “FCC” test file and the client device was using Windows Media Player The channel loading was evaluated to be 20% (refer to figure 9-11) meeting the approximately 17% loading as required by FCC KDB 905462 D02.

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
0		1	1428	18	See **Note 1**	
1	1a	1	15 unique PRI values randomly selected from the list of 23 PRI values in **Note 2** below	Round Up 1/360* $19*10^6$/ PRI $_{\mu sec}$	60%	15
	1b		518-3066 with minimum increment of 1 μsec, excluding PRI values selected in 1a			15
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

Note 1: Short Pulse Radar Type 0 is used for the detection bandwidth test, channel move time, and channel closing time tests.

Note 2: Pulse repetition intervals values for Test 1a above

Pulse Repetition Frequency Number	**Pulse Repetition Frequency (Pulses Per Second)**	**Pulse Repetition Interval (Microseconds)**
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678
10	1432.7	698
11	1392.8	718
12	1355	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.6	858
19	1139	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

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

RADIATED TEST METHOD

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

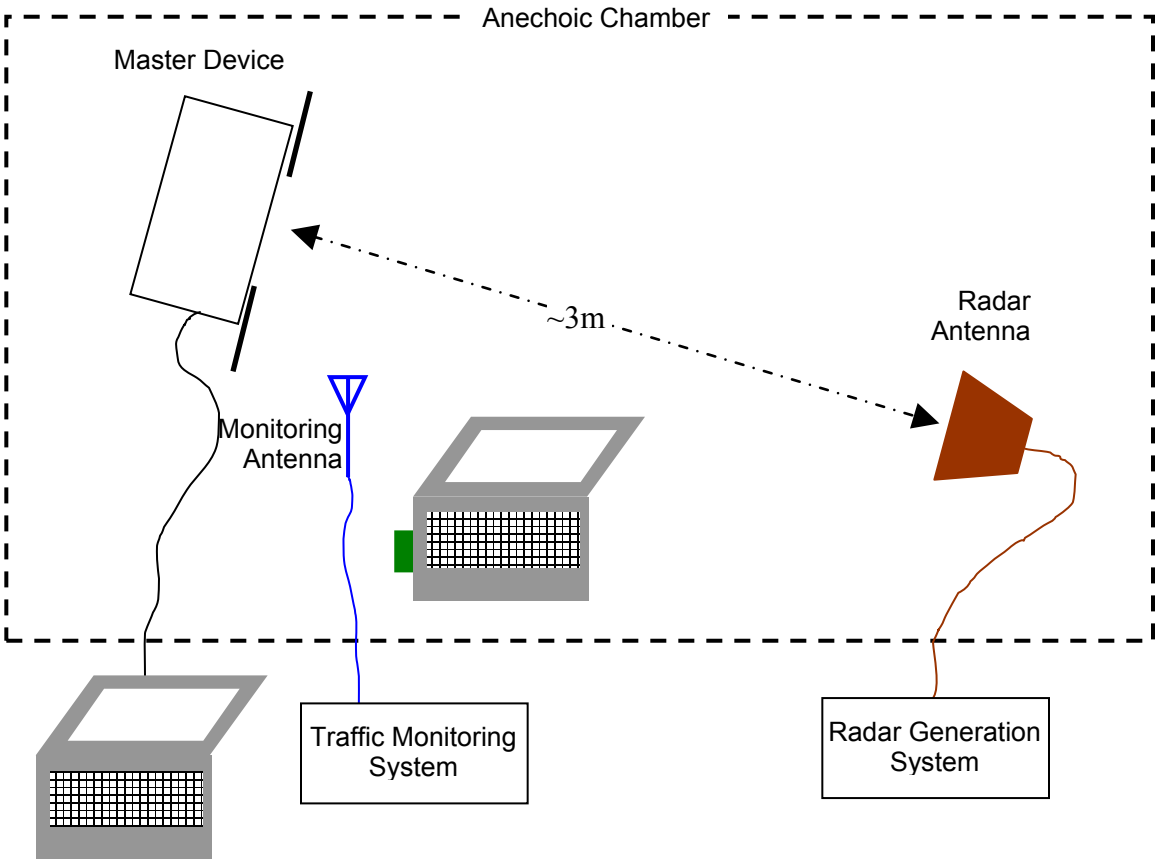

Figure 1 Test Configuration for radiated Measurement Method

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

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

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

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

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

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

An Agilent PSG is used as the radar-generating source. The integral arbitrary waveform generators are programmed using Agilent's "Pulse Building" software and 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. The radar generating antenna (when used) is oriented for vertical polarization.

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.

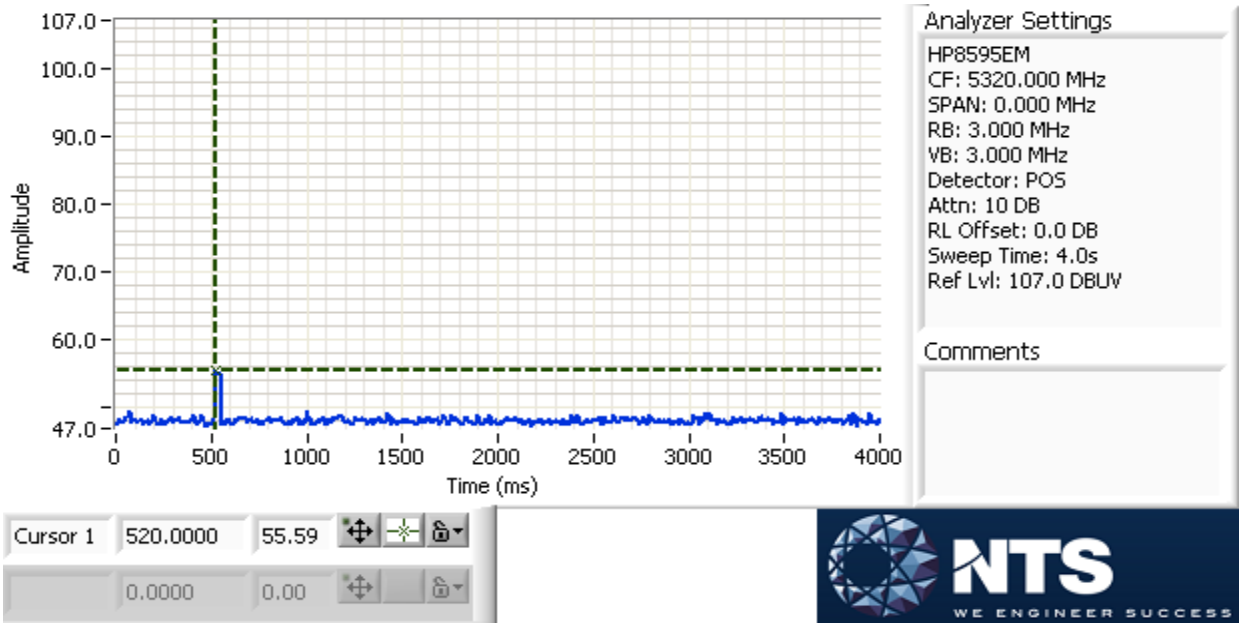

Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)

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.

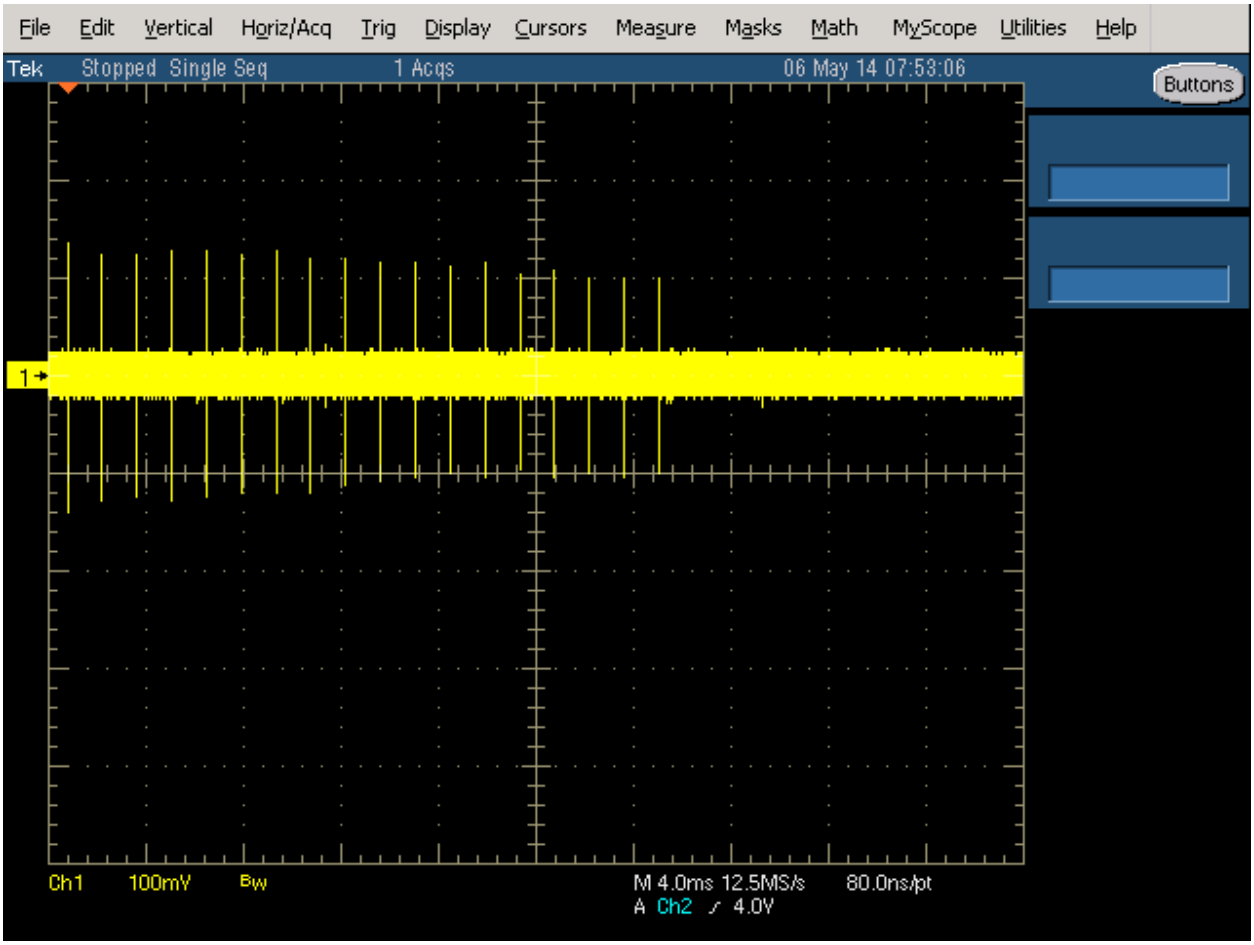

Figure 3 FCC Type 1 Radar (18 pulses)

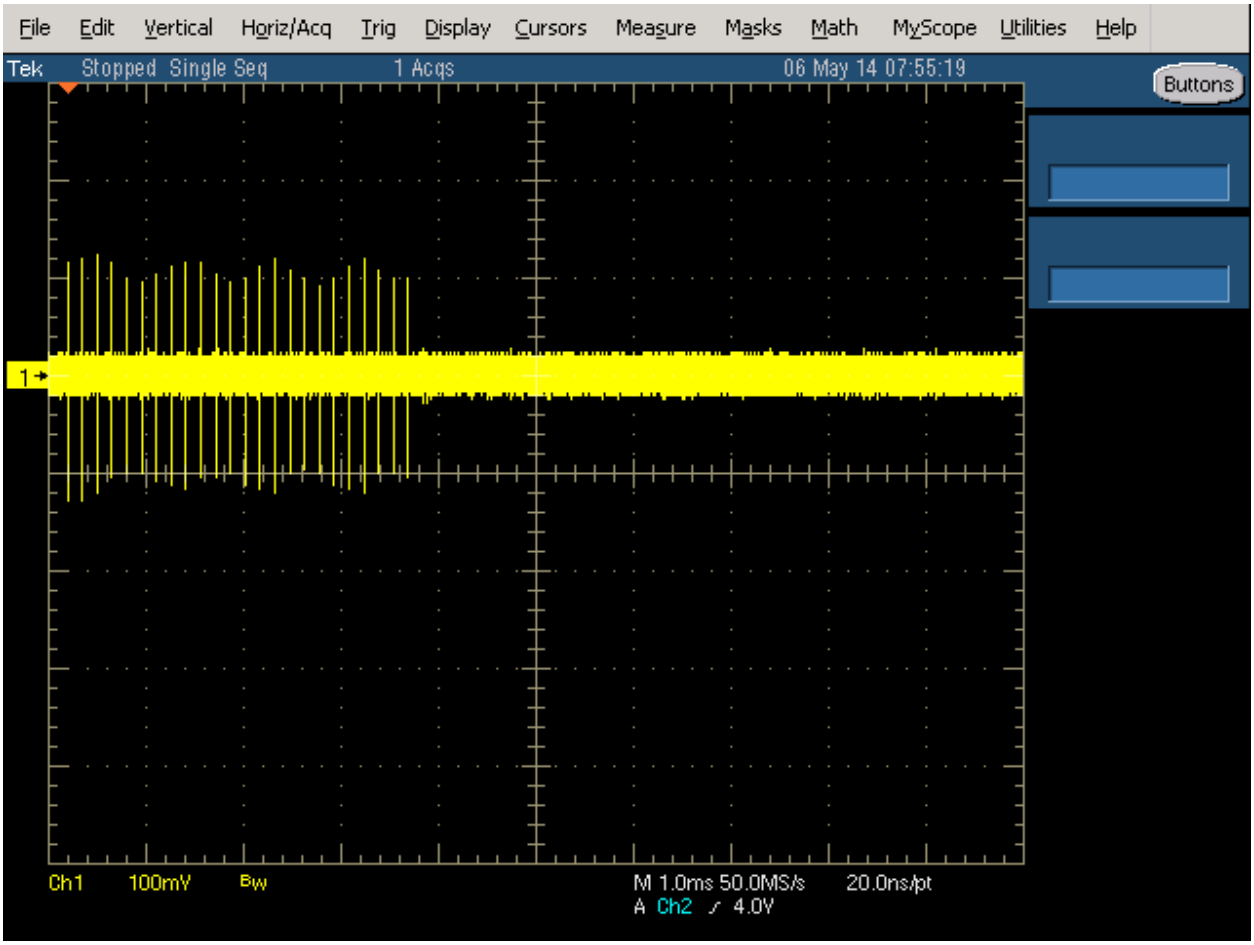

Figure 4 FCC Type 2 Radar (24 pulses)

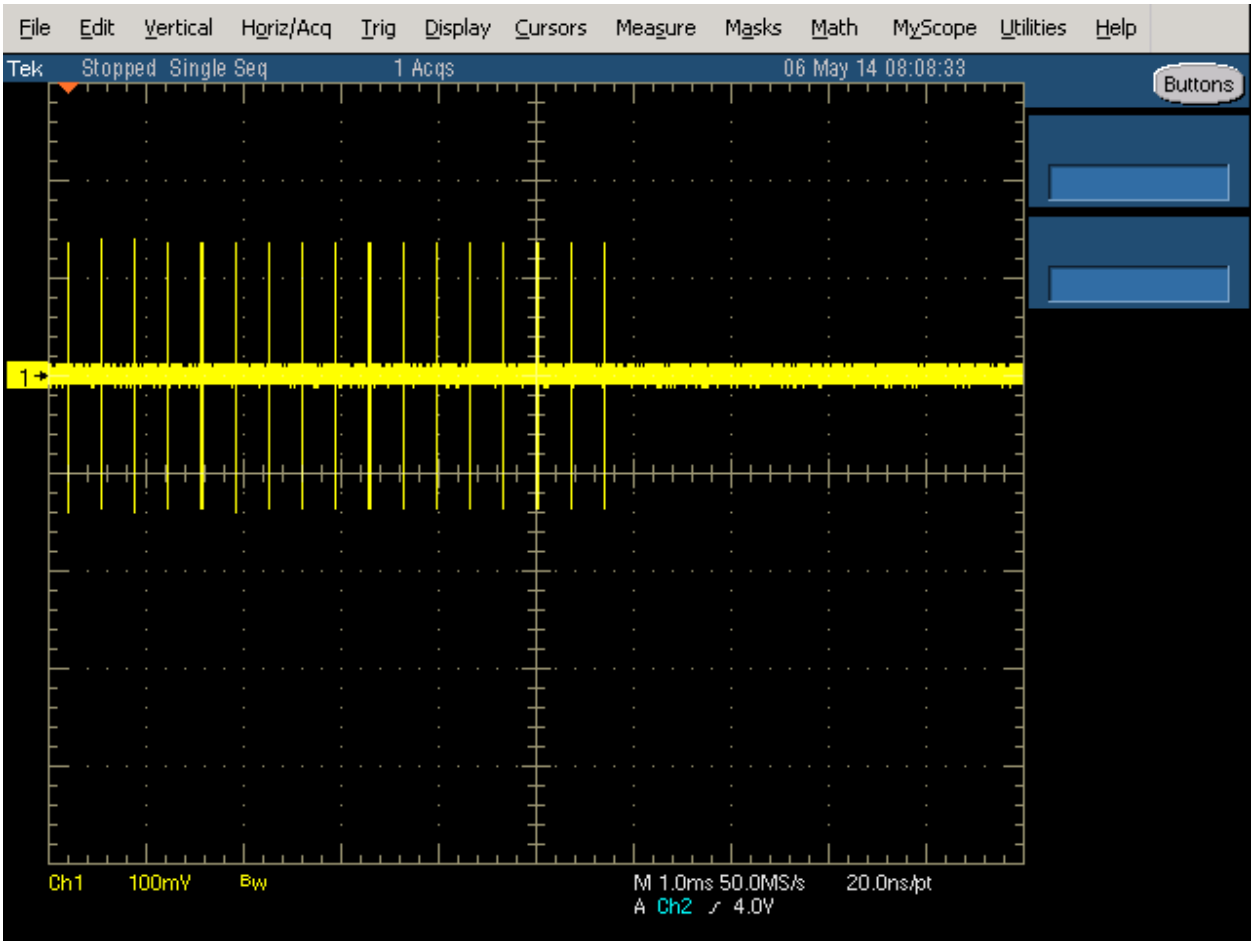

Figure 5 FCC Type 3 Radar (17 pulses)

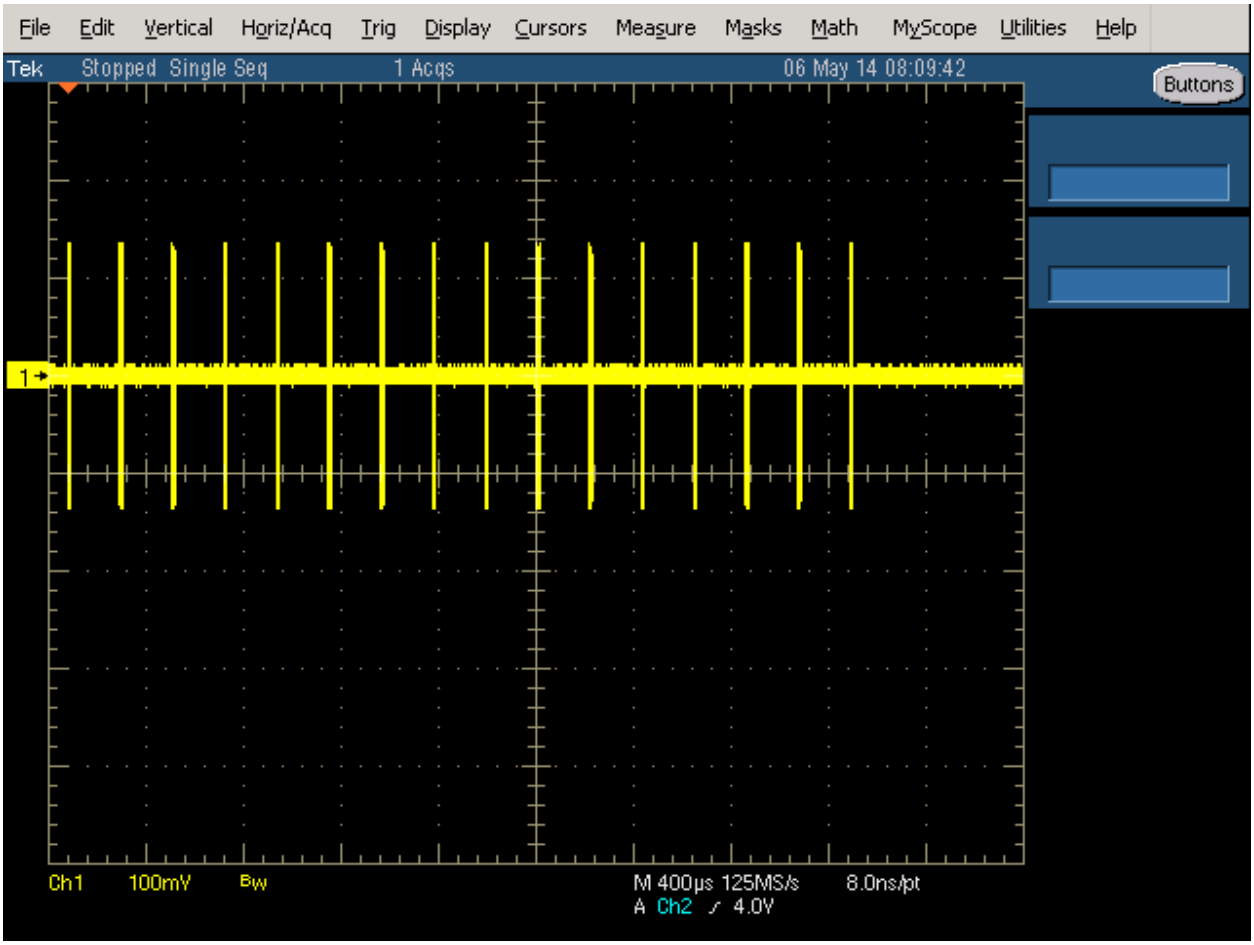

Figure 6 FCC Type 4 Radar (16 pulses)

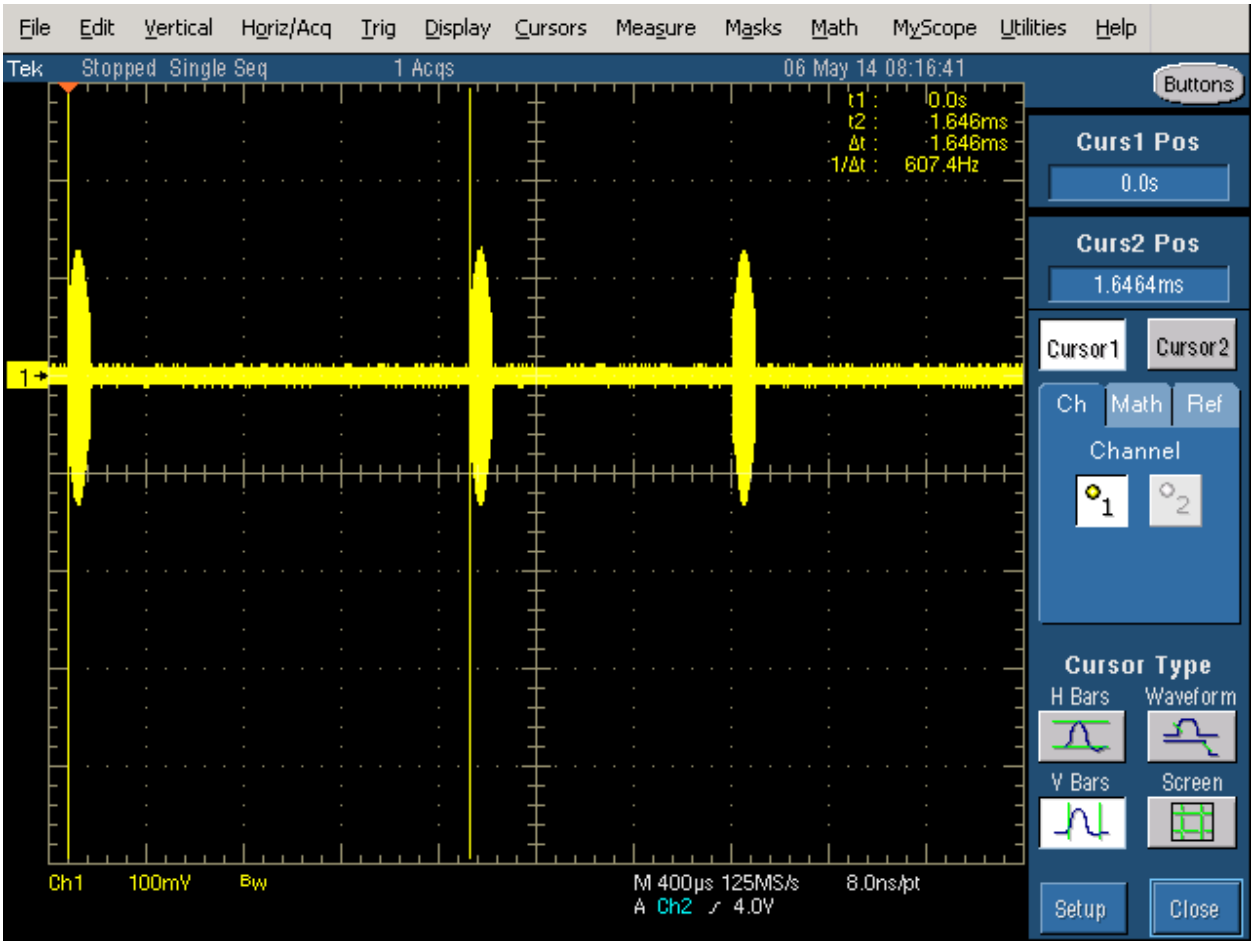

Figure 7 FCC Type 5 Radar (burst with three pulses, 1650 µs first period)

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

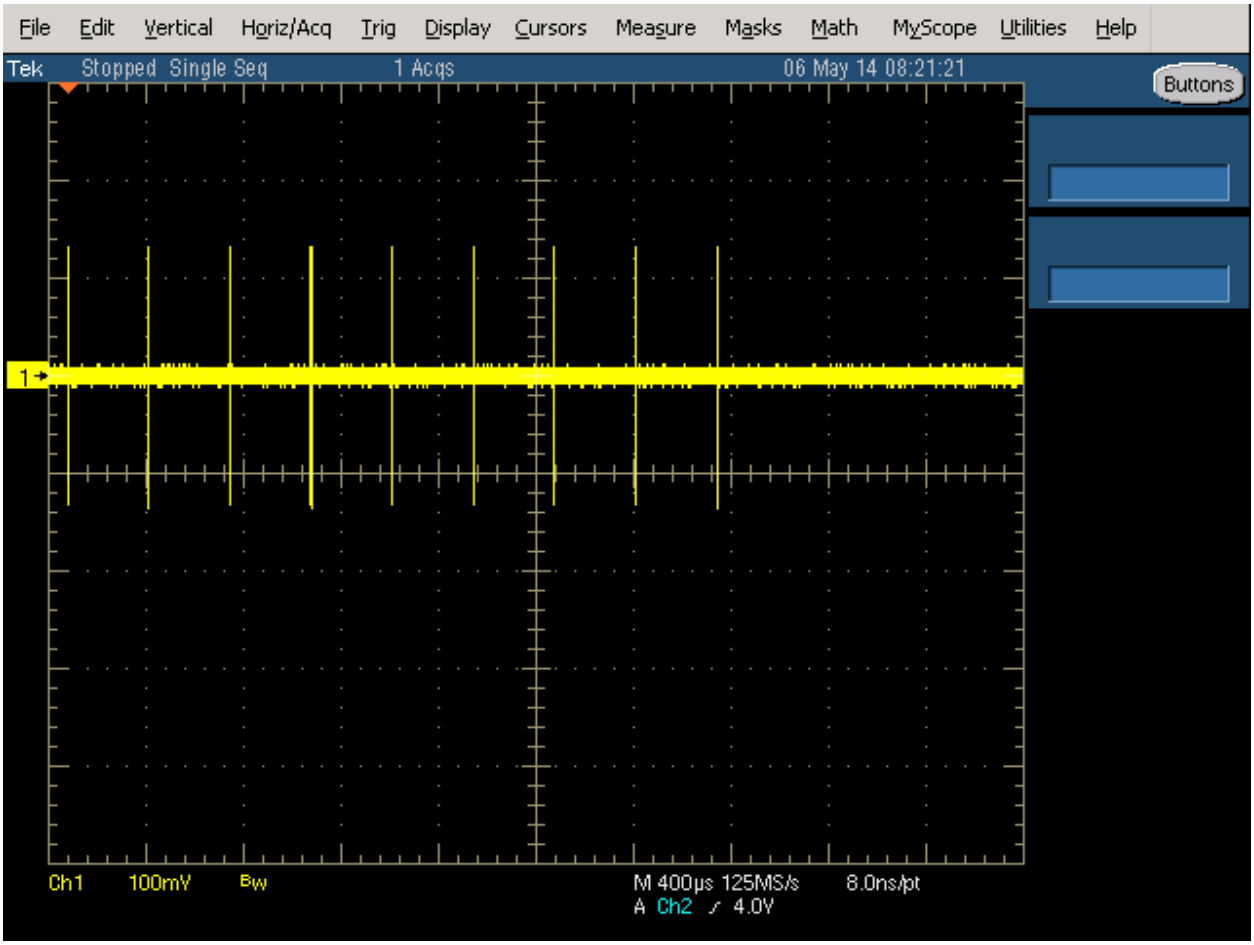

Figure 8 FCC Type 6 Radar (9 pulses in each burst)

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.

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
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8593EM	787	18-Aug-15
ETS Lindgren	Antenna, Horn, 1-18 GHz	3117	1662	04-Jun-16
Agilent Technologies	PSG, Vector Signal Generator, (250kHz - 20GHz)	E8267C	1877	19-Jun-15
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	30-Oct-15

Appendix B Test Data Tables for Radar Detection Probability

The plot below shows the channel loading during testing as evaluated over a 2 second period. The traffic was generated by FCC video file.

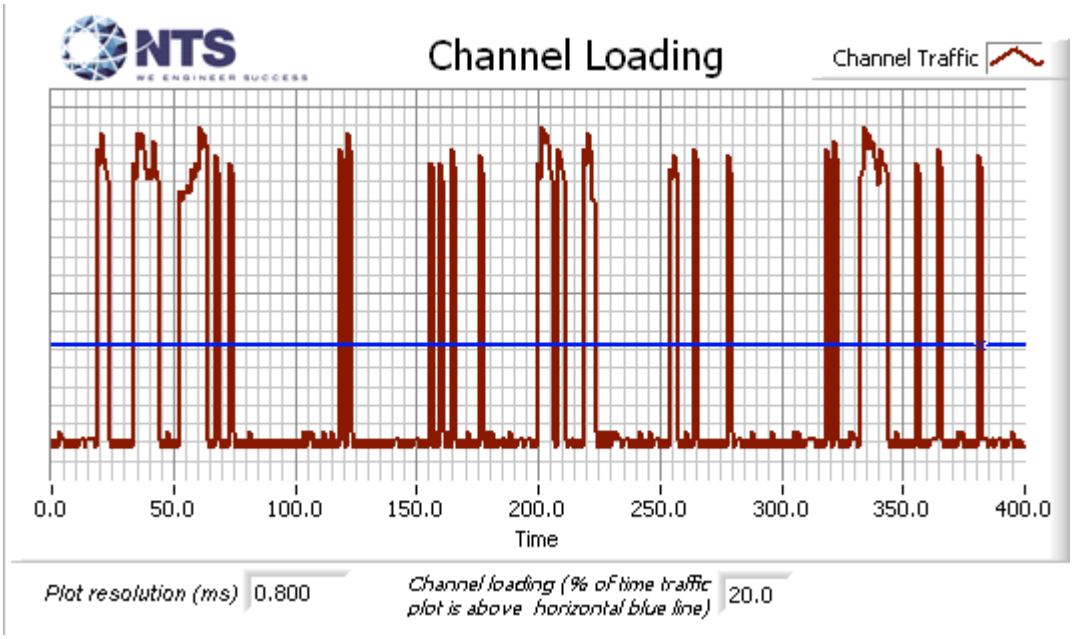

Figure 9 Channel Utilization During In-Service Detection Measurements (20MHz)

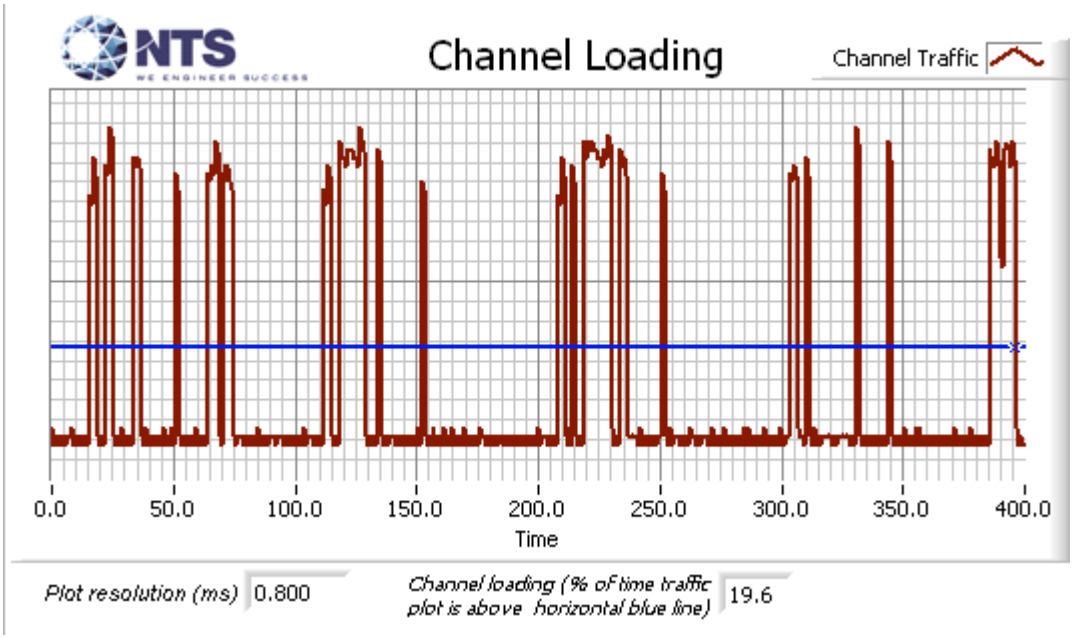

Figure 10 Channel Utilization During In-Service Detection Measurements (40MHz)

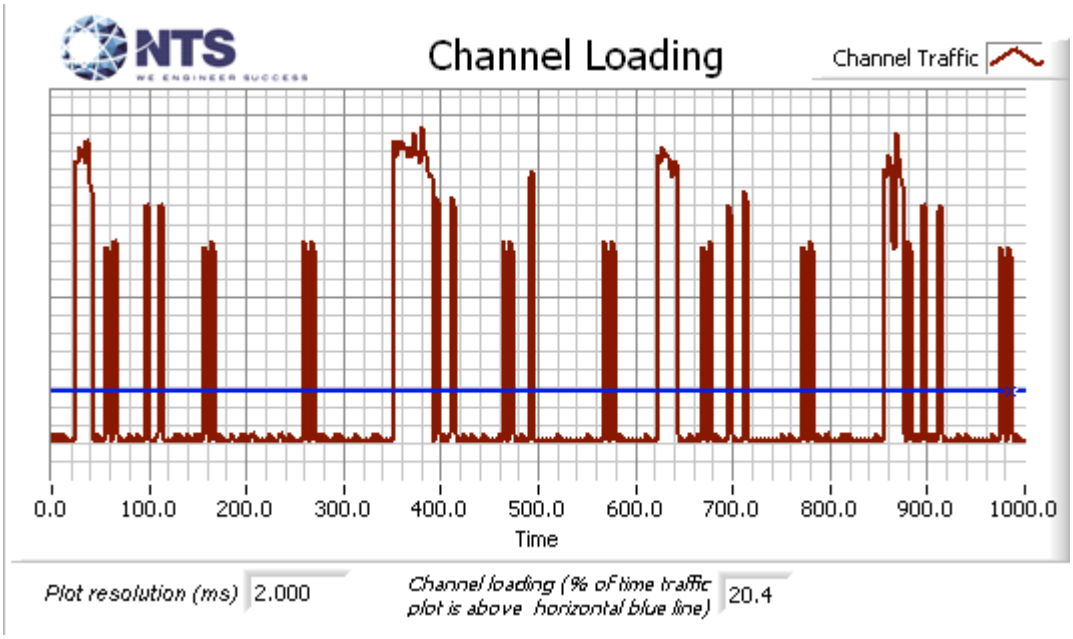

Figure 11 Channel Utilization During In-Service Detection Measurements (80MHz)

Measured 99% bandwidth (from RF test report) for 802.11n 20MHz: 18.1MHz

Table 7 - Detection Bandwidth Measurements (Bandwidth: +10MHz /-10MHz) n20					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5489.00 MHz	1	2	33
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5490.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5491.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5492.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5493.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5494.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5500.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5505.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5506.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5507.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5508.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5509.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5510.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5511.00 MHz	2	2	50

Table 8 - Summary of All Results n20				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	86.7 %	60.0 %	30	PASSED
Aggregate of above results	95.0 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	97.6 %	70.0 %	42	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED

Table 9 - FCC Short Pulse Radar (Type 1A) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	78	1.0	678.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	59	1.0	898.0	Yes	5495.0MHz, -64.0dBm	Single burst
3	76	1.0	698.0	Yes	5505.0MHz, -64.0dBm	Single burst
4	63	1.0	838.0	Yes	5500.0MHz, -64.0dBm	Single burst
5	67	1.0	798.0	Yes	5495.0MHz, -64.0dBm	Single burst
6	83	1.0	638.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	62	1.0	858.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	68	1.0	778.0	Yes	5495.0MHz, -64.0dBm	Single burst
9	92	1.0	578.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	65	1.0	818.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	81	1.0	658.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	89	1.0	598.0	Yes	5505.0MHz, -64.0dBm	Single burst
13	99	1.0	538.0	Yes	5500.0MHz, -64.0dBm	Single burst
14	57	1.0	938.0	Yes	5495.0MHz, -64.0dBm	Single burst
15	61	1.0	878.0	Yes	5505.0MHz, -64.0dBm	Single burst

Table 10 - FCC Short Pulse Radar (Type 1B) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	30	1.0	1774.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	27	1.0	1965.0	Yes	5495.0MHz, -64.0dBm	Single burst
3	59	1.0	899.0	Yes	5505.0MHz, -64.0dBm	Single burst
4	32	1.0	1681.0	Yes	5500.0MHz, -64.0dBm	Single burst
5	36	1.0	1480.0	Yes	5495.0MHz, -64.0dBm	Single burst
6	40	1.0	1327.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	94	1.0	566.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	20	1.0	2705.0	Yes	5495.0MHz, -64.0dBm	Single burst
9	33	1.0	1603.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	28	1.0	1893.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	33	1.0	1625.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	19	1.0	2828.0	Yes	5505.0MHz, -64.0dBm	Single burst
13	33	1.0	1618.0	Yes	5500.0MHz, -64.0dBm	Single burst
14	89	1.0	597.0	Yes	5495.0MHz, -64.0dBm	Single burst
15	28	1.0	1909.0	Yes	5505.0MHz, -64.0dBm	Single burst

Table 11 - FCC Short Pulse Radar (Type 2) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	28	4.3	194.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	24	4.8	166.0	Yes	5495.0MHz, -64.0dBm	Single burst
3	24	2.4	161.0	Yes	5505.0MHz, -64.0dBm	Single burst
4	28	4.8	210.0	Yes	5500.0MHz, -64.0dBm	Single burst
5	28	3.2	186.0	Yes	5495.0MHz, -64.0dBm	Single burst
6	26	4.1	223.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	29	1.3	157.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	27	2.1	187.0	Yes	5495.0MHz, -64.0dBm	Single burst
9	29	3.8	159.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	24	4.1	190.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	24	3.5	177.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	28	2.2	200.0	Yes	5505.0MHz, -64.0dBm	Single burst
13	25	1.3	178.0	Yes	5500.0MHz, -64.0dBm	Single burst
14	24	2.6	164.0	Yes	5495.0MHz, -64.0dBm	Single burst
15	25	4.5	225.0	Yes	5505.0MHz, -64.0dBm	Single burst
16	28	1.9	207.0	Yes	5500.0MHz, -64.0dBm	Single burst
17	26	1.5	199.0	Yes	5495.0MHz, -64.0dBm	Single burst
18	26	1.6	182.0	Yes	5505.0MHz, -64.0dBm	Single burst
19	26	2.7	215.0	Yes	5500.0MHz, -64.0dBm	Single burst
20	26	1.3	155.0	Yes	5495.0MHz, -64.0dBm	Single burst
21	27	1.2	229.0	Yes	5505.0MHz, -64.0dBm	Single burst
22	28	1.6	159.0	Yes	5500.0MHz, -64.0dBm	Single burst
23	24	4.0	173.0	Yes	5495.0MHz, -64.0dBm	Single burst
24	28	2.8	221.0	Yes	5505.0MHz, -64.0dBm	Single burst
25	25	2.5	204.0	Yes	5500.0MHz, -64.0dBm	Single burst
26	25	3.0	193.0	Yes	5495.0MHz, -64.0dBm	Single burst
27	26	2.6	220.0	Yes	5505.0MHz, -64.0dBm	Single burst
28	24	1.5	228.0	Yes	5500.0MHz, -64.0dBm	Single burst
29	25	1.9	225.0	Yes	5495.0MHz, -64.0dBm	Single burst
30	26	1.8	183.0	Yes	5505.0MHz, -64.0dBm	Single burst

Table 12 - FCC Short Pulse Radar (Type 3) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	8.8	431.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	17	8.6	476.0	Yes	5495.0MHz, -64.0dBm	Single burst
3	17	8.1	234.0	Yes	5505.0MHz, -64.0dBm	Single burst
4	17	7.3	396.0	Yes	5500.0MHz, -64.0dBm	Single burst
5	16	6.4	477.0	Yes	5495.0MHz, -64.0dBm	Single burst
6	18	6.8	459.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	18	7.2	279.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	17	9.7	401.0	Yes	5495.0MHz, -64.0dBm	Single burst
9	17	7.9	325.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	16	8.8	323.0	No	5500.0MHz, -64.0dBm	Single burst
11	17	7.6	411.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	18	7.7	375.0	Yes	5505.0MHz, -64.0dBm	Single burst
13	18	6.9	489.0	Yes	5500.0MHz, -64.0dBm	Single burst
14	17	8.6	421.0	Yes	5495.0MHz, -64.0dBm	Single burst
15	17	6.7	371.0	Yes	5505.0MHz, -64.0dBm	Single burst
16	16	6.4	480.0	Yes	5500.0MHz, -64.0dBm	Single burst
17	17	8.8	342.0	No	5495.0MHz, -64.0dBm	Single burst
18	17	9.1	264.0	Yes	5505.0MHz, -64.0dBm	Single burst
19	17	6.0	316.0	Yes	5500.0MHz, -64.0dBm	Single burst
20	17	9.6	218.0	Yes	5495.0MHz, -64.0dBm	Single burst
21	17	6.6	277.0	Yes	5505.0MHz, -64.0dBm	Single burst
22	16	6.3	334.0	Yes	5500.0MHz, -64.0dBm	Single burst
23	17	8.4	230.0	Yes	5495.0MHz, -64.0dBm	Single burst
24	17	6.4	342.0	Yes	5505.0MHz, -64.0dBm	Single burst
25	16	6.7	470.0	Yes	5500.0MHz, -64.0dBm	Single burst
26	18	8.0	373.0	Yes	5495.0MHz, -64.0dBm	Single burst
27	17	6.6	429.0	Yes	5505.0MHz, -64.0dBm	Single burst
28	17	7.1	367.0	Yes	5500.0MHz, -64.0dBm	Single burst
29	16	8.6	238.0	Yes	5495.0MHz, -64.0dBm	Single burst
30	16	7.0	393.0	Yes	5505.0MHz, -64.0dBm	Single burst

Table 13 - FCC Short Pulse Radar (Type 4) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	14.1	387.0	Yes	5500.0MHz, -64.0dBm	Single burst
2	15	15.2	338.0	No	5495.0MHz, -64.0dBm	Single burst
3	16	13.7	392.0	Yes	5505.0MHz, -64.0dBm	Single burst
4	13	17.1	422.0	Yes	5500.0MHz, -64.0dBm	Single burst
5	13	11.1	244.0	Yes	5495.0MHz, -64.0dBm	Single burst
6	13	11.8	236.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	14	12.5	461.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	16	15.5	277.0	No	5495.0MHz, -64.0dBm	Single burst
9	14	12.6	379.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	12	19.4	202.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	12	11.7	247.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	16	13.9	273.0	Yes	5505.0MHz, -64.0dBm	Single burst
13	13	11.1	436.0	Yes	5500.0MHz, -64.0dBm	Single burst
14	16	17.4	490.0	Yes	5495.0MHz, -64.0dBm	Single burst
15	15	13.2	460.0	Yes	5505.0MHz, -64.0dBm	Single burst
16	14	19.8	411.0	Yes	5500.0MHz, -64.0dBm	Single burst
17	12	14.0	402.0	Yes	5495.0MHz, -64.0dBm	Single burst
18	15	14.9	397.0	No	5505.0MHz, -64.0dBm	Single burst
19	16	13.8	224.0	Yes	5500.0MHz, -64.0dBm	Single burst
20	16	15.9	374.0	Yes	5495.0MHz, -64.0dBm	Single burst
21	13	19.1	295.0	Yes	5505.0MHz, -64.0dBm	Single burst
22	15	11.1	218.0	Yes	5500.0MHz, -64.0dBm	Single burst
23	15	17.1	312.0	Yes	5495.0MHz, -64.0dBm	Single burst
24	16	17.0	338.0	Yes	5505.0MHz, -64.0dBm	Single burst
25	12	13.4	298.0	Yes	5500.0MHz, -64.0dBm	Single burst
26	12	18.6	217.0	Yes	5495.0MHz, -64.0dBm	Single burst
27	15	12.5	272.0	Yes	5505.0MHz, -64.0dBm	Single burst
28	15	12.2	231.0	Yes	5500.0MHz, -64.0dBm	Single burst
29	13	17.1	278.0	Yes	5495.0MHz, -64.0dBm	Single burst
30	12	14.9	443.0	No	5505.0MHz, -64.0dBm	Single burst

Table 14 - FCC frequency hopping radar (Type 6) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5516, 5434, 5515, 5713, 5332, 5461, 5594, 5435, 5314, 5343, 5458, 5450, 5299, 5627, 5400, 5414, 5558, 5408, 5556, 5704, 5567, 5258, 5432, 5692, 5625, 5392, 5534, 5401, 5384, 5631, 5598, 5347, 5499, 5415, 5446, 5302, 5687, 5527, 5385, 5583, 5396, 5725, 5613, 5371, 5642, 5393, 5528, 5439, 5705, 5404, 5618, 5660, 5271, 5524, 5379, 5354, 5329, 5380, 5335, 5576, 5487, 5275, 5623, 5374, 5635, 5505, 5341, 5464, 5257, 5549, 5382, 5591, 5601, 5362, 5539, 5428, 5650, 5707, 5364, 5550, 5356, 5313, 5494, 5533, 5634, 5502, 5669, 5402, 5333, 5423, 5322, 5622, 5538, 5659, 5663, 5563, 5566, 5656, 5540, 5407 (4 hits)
2	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5413, 5394, 5428, 5354, 5269, 5661, 5550, 5491, 5314, 5298, 5395, 5396, 5374, 5704, 5628, 5570, 5477, 5463, 5567, 5591, 5257, 5333, 5353, 5351, 5321, 5441, 5343, 5253, 5612, 5680, 5543, 5639, 5375, 5398, 5412, 5481, 5318, 5717, 5530, 5622, 5561, 5623, 5719, 5322, 5462, 5664, 5478, 5425, 5458, 5583, 5336, 5340, 5662, 5584, 5352, 5677, 5540, 5595, 5364, 5448, 5489, 5349, 5565, 5621, 5459, 5369, 5712, 5355, 5512, 5624, 5632, 5553, 5277, 5511, 5571, 5376, 5598, 5308, 5663, 5461, 5548, 5326, 5569, 5294, 5307, 5346, 5513, 5517, 5278, 5497, 5454, 5671, 5493, 5556, 5560, 5534, 5335, 5710, 5272, 5282 (3 hits)
3	9	1.0	333.0	Yes	5490.0MHz, -64.0dBm	Hop sequence: 5256, 5670, 5400, 5261, 5432, 5407, 5351, 5277, 5354, 5327, 5347, 5356, 5520, 5547, 5592, 5265, 5665, 5725, 5291, 5656, 5611, 5534, 5403, 5402, 5500, 5499, 5433, 5558, 5331, 5657, 5285, 5426, 5543, 5287, 5527, 5443, 5519, 5445, 5528, 5412, 5707, 5344, 5692, 5713, 5668, 5722, 5353, 5648, 5329, 5695, 5413, 5279, 5566, 5625, 5659, 5683, 5372, 5381, 5252, 5542, 5488, 5716, 5377, 5651, 5703, 5463, 5260, 5312, 5440, 5617, 5345, 5506, 5652, 5595, 5585, 5718, 5661, 5461, 5539, 5599, 5480, 5454, 5572, 5641, 5646, 5552, 5360, 5462, 5671, 5483, 5315, 5326, 5714, 5624, 5302, 5694, 5379, 5504, 5644, 5418 (4 hits)
4	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5662, 5550, 5316, 5363, 5599, 5501, 5674, 5683, 5441, 5330, 5378, 5685, 5710, 5581, 5583, 5472, 5406, 5309, 5413, 5412, 5607, 5452, 5506, 5557, 5256, 5579, 5707, 5437, 5680, 5705, 5264, 5536, 5469, 5374, 5632, 5382, 5584, 5349, 5640, 5340, 5468, 5492, 5675, 5430, 5695, 5522, 5591, 5391, 5617, 5343, 5399, 5287, 5660, 5677, 5439, 5638, 5274, 5529, 5644, 5634, 5447, 5400, 5605, 5713, 5631, 5444, 5323, 5626, 5396, 5284, 5514, 5575, 5686, 5509, 5569, 5645, 5270, 5356, 5408, 5420, 5276, 5333, 5602, 5500, 5641, 5548, 5706, 5367, 5565, 5720, 5597, 5423, 5370, 5292, 5322, 5520, 5315, 5401, 5355, 5504 (6 hits)
5	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5589, 5469, 5404, 5646, 5281, 5268, 5410, 5626, 5693, 5440, 5406, 5478, 5458, 5364, 5617, 5651, 5378, 5278, 5446, 5696, 5300, 5588, 5473, 5428, 5539, 5610, 5420, 5315, 5724, 5271, 5575, 5286, 5442, 5467, 5595, 5620, 5366, 5630, 5320, 5459, 5280, 5434, 5665, 5666, 5624, 5566, 5691, 5327, 5712, 5489, 5561, 5612, 5360, 5510, 5491, 5317, 5650, 5451, 5363, 5496, 5423, 5493, 5390, 5498, 5641, 5354, 5465, 5570, 5717, 5679, 5723, 5468, 5602, 5379, 5294, 5347, 5411, 5678, 5707, 5414, 5533, 5332, 5370, 5254, 5716, 5644, 5367, 5290, 5703, 5394, 5304, 5674, 5700, 5645, 5522, 5267, 5565, 5637, 5348, 5664 (5 hits)
6	9	1.0	333.0	Yes	5493.0MHz,	Hop sequence: 5327, 5344, 5274, 5519, 5315, 5292, 5485, 5539, 5650, 5478, 5518, 5570, 5431, 5678,

Table 14 - FCC frequency hopping radar (Type 6) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5493, 5415, 5386, 5606, 5422, 5373, 5613, 5658, 5649, 5592, 5611, 5331, 5258, 5529, 5581, 5587, 5615, 5637, 5328, 5299, 5647, 5511, 5356, 5289, 5509, 5551, 5724, 5384, 5449, 5616, 5627, 5503, 5580, 5364, 5301, 5659, 5721, 5489, 5554, 5412, 5318, 5513, 5601, 5329, 5662, 5377, 5567, 5354, 5598, 5574, 5633, 5259, 5604, 5557, 5284, 5576, 5618, 5540, 5674, 5447, 5691, 5656, 5679, 5534, 5267, 5707, 5350, 5577, 5365, 5712, 5276, 5480, 5652, 5443, 5492, 5468, 5651, 5617, 5375, 5591, 5672, 5271, 5498, 5585, 5326, 5537 (5 hits)
7	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5525, 5365, 5259, 5628, 5375, 5703, 5479, 5369, 5700, 5551, 5255, 5403, 5576, 5472, 5258, 5665, 5563, 5311, 5602, 5603, 5453, 5497, 5650, 5386, 5368, 5610, 5408, 5306, 5717, 5594, 5439, 5638, 5561, 5600, 5720, 5560, 5404, 5292, 5257, 5612, 5449, 5707, 5338, 5356, 5695, 5406, 5614, 5318, 5264, 5483, 5639, 5300, 5598, 5664, 5302, 5397, 5672, 5657, 5501, 5626, 5474, 5471, 5275, 5682, 5288, 5333, 5663, 5437, 5440, 5250, 5458, 5409, 5446, 5588, 5349, 5718, 5599, 5624, 5677, 5426, 5457, 5351, 5569, 5391, 5515, 5567, 5649, 5447, 5506, 5346, 5571, 5604, 5309, 5286, 5701, 5336, 5337, 5414, 5390, 5512 (3 hits)
8	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5504, 5532, 5369, 5359, 5687, 5347, 5565, 5530, 5660, 5579, 5718, 5511, 5316, 5283, 5705, 5297, 5545, 5310, 5466, 5489, 5537, 5435, 5375, 5293, 5723, 5610, 5490, 5295, 5623, 5547, 5470, 5527, 5495, 5586, 5558, 5461, 5402, 5694, 5559, 5571, 5256, 5372, 5412, 5721, 5303, 5616, 5661, 5515, 5581, 5706, 5471, 5284, 5383, 5480, 5382, 5597, 5553, 5286, 5299, 5430, 5485, 5596, 5278, 5326, 5459, 5423, 5350, 5252, 5499, 5398, 5683, 5704, 5607, 5544, 5273, 5634, 5524, 5619, 5513, 5259, 5725, 5476, 5601, 5253, 5442, 5642, 5692, 5345, 5302, 5394, 5298, 5429, 5309, 5344, 5399, 5510, 5274, 5389, 5670, 5594 (5 hits)
9	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5710, 5539, 5569, 5535, 5511, 5463, 5274, 5324, 5579, 5685, 5394, 5317, 5720, 5251, 5527, 5462, 5660, 5577, 5719, 5378, 5276, 5391, 5690, 5456, 5264, 5327, 5644, 5520, 5287, 5671, 5306, 5536, 5639, 5490, 5650, 5621, 5340, 5347, 5574, 5338, 5717, 5482, 5628, 5465, 5373, 5654, 5528, 5303, 5268, 5695, 5543, 5402, 5529, 5518, 5354, 5575, 5487, 5627, 5312, 5657, 5328, 5313, 5337, 5270, 5310, 5357, 5445, 5472, 5258, 5659, 5606, 5589, 5405, 5322, 5544, 5615, 5561, 5495, 5289, 5412, 5284, 5298, 5610, 5362, 5460, 5458, 5265, 5326, 5608, 5254, 5593, 5410, 5548, 5273, 5469, 5311, 5513, 5396, 5407, 5366 (2 hits)
10	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5511, 5678, 5345, 5307, 5502, 5692, 5578, 5567, 5539, 5606, 5589, 5621, 5527, 5268, 5299, 5544, 5411, 5344, 5623, 5600, 5706, 5590, 5459, 5505, 5323, 5432, 5694, 5327, 5702, 5475, 5674, 5263, 5661, 5366, 5409, 5371, 5512, 5418, 5550, 5615, 5420, 5602, 5334, 5288, 5522, 5318, 5635, 5581, 5630, 5532, 5350, 5479, 5541, 5442, 5572, 5487, 5566, 5253, 5354, 5330, 5689, 5637, 5452, 5341, 5449, 5558, 5619, 5717, 5691, 5348, 5549, 5697, 5458, 5431, 5591, 5568, 5710, 5625, 5547, 5389, 5397, 5601, 5347, 5402, 5676, 5654, 5430, 5607, 5470, 5483, 5701, 5337, 5688, 5611, 5352, 5494, 5718, 5518, 5482, 5534 (3 hits)
11	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5319, 5492, 5710, 5601, 5669, 5257, 5449, 5660, 5480, 5618, 5559, 5667, 5477, 5437, 5366, 5616, 5393, 5424, 5417, 5473, 5478, 5537, 5309, 5664, 5352, 5476, 5390, 5266, 5548, 5404, 5681, 5615, 5572, 5391, 5593, 5502, 5573, 5351,

Table 14 - FCC frequency hopping radar (Type 6) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5714, 5411, 5534, 5709, 5663, 5488, 5443, 5358, 5471, 5531, 5302, 5603, 5412, 5464, 5392, 5707, 5617, 5291, 5279, 5431, 5294, 5479, 5457, 5579, 5704, 5469, 5544, 5722, 5538, 5403, 5611, 5263, 5712, 5270, 5685, 5726, 5281, 5407, 5344, 5330, 5290, 5689, 5386, 5482, 5313, 5634, 5370, 5644, 5546, 5568, 5317, 5453, 5659, 5274, 5278, 5602, 5560, 5261, 5676, 5463, 5347, 5399 (2 hits)
12	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5693, 5457, 5412, 5268, 5300, 5437, 5296, 5376, 5484, 5516, 5549, 5458, 5333, 5625, 5409, 5648, 5363, 5420, 5397, 5293, 5674, 5384, 5379, 5632, 5561, 5684, 5499, 5638, 5503, 5533, 5535, 5435, 5718, 5617, 5629, 5283, 5678, 5555, 5545, 5444, 5717, 5558, 5310, 5309, 5421, 5302, 5289, 5474, 5438, 5254, 5418, 5635, 5439, 5403, 5382, 5377, 5389, 5651, 5506, 5587, 5291, 5317, 5319, 5390, 5265, 5668, 5465, 5515, 5292, 5529, 5642, 5401, 5256, 5264, 5586, 5644, 5336, 5708, 5282, 5470, 5443, 5531, 5610, 5327, 5522, 5425, 5385, 5479, 5326, 5252, 5524, 5275, 5261, 5682, 5346, 5286, 5313, 5301, 5577, 5657 (3 hits)
13	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5401, 5638, 5506, 5485, 5584, 5626, 5272, 5508, 5328, 5585, 5709, 5297, 5389, 5476, 5456, 5373, 5342, 5706, 5367, 5562, 5529, 5686, 5408, 5619, 5539, 5514, 5399, 5261, 5678, 5710, 5451, 5618, 5615, 5354, 5338, 5640, 5535, 5492, 5322, 5325, 5571, 5525, 5453, 5653, 5684, 5329, 5254, 5655, 5680, 5679, 5720, 5671, 5330, 5606, 5465, 5587, 5452, 5713, 5278, 5531, 5482, 5512, 5544, 5275, 5502, 5319, 5431, 5500, 5504, 5637, 5495, 5444, 5276, 5659, 5479, 5534, 5253, 5470, 5549, 5306, 5363, 5646, 5455, 5372, 5668, 5477, 5349, 5371, 5588, 5424, 5459, 5392, 5699, 5598, 5718, 5717, 5386, 5320, 5612, 5651 (7 hits)
14	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5316, 5310, 5496, 5553, 5520, 5566, 5323, 5552, 5376, 5521, 5377, 5562, 5586, 5527, 5426, 5254, 5643, 5642, 5466, 5432, 5500, 5252, 5291, 5339, 5398, 5663, 5634, 5703, 5462, 5617, 5534, 5424, 5459, 5680, 5303, 5401, 5705, 5436, 5608, 5389, 5463, 5381, 5414, 5287, 5687, 5718, 5565, 5670, 5646, 5690, 5468, 5465, 5294, 5519, 5423, 5308, 5402, 5666, 5599, 5624, 5251, 5570, 5461, 5380, 5501, 5258, 5347, 5678, 5392, 5498, 5711, 5300, 5267, 5571, 5447, 5346, 5645, 5626, 5275, 5292, 5563, 5692, 5443, 5524, 5418, 5573, 5584, 5493, 5327, 5293, 5386, 5522, 5409, 5698, 5364, 5512, 5425, 5378, 5684, 5529 (5 hits)
15	9	1.0	333.0	No	5502.0MHz, -64.0dBm	Hop sequence: 5602, 5603, 5453, 5352, 5409, 5386, 5392, 5649, 5294, 5397, 5669, 5287, 5593, 5408, 5282, 5463, 5509, 5556, 5361, 5721, 5421, 5313, 5272, 5504, 5253, 5396, 5461, 5363, 5405, 5622, 5456, 5355, 5569, 5494, 5564, 5491, 5431, 5583, 5535, 5319, 5473, 5280, 5699, 5373, 5380, 5389, 5481, 5273, 5489, 5465, 5631, 5305, 5376, 5430, 5475, 5697, 5459, 5333, 5479, 5517, 5707, 5545, 5498, 5411, 5452, 5607, 5285, 5548, 5606, 5432, 5393, 5534, 5716, 5341, 5472, 5466, 5283, 5609, 5560, 5566, 5501, 5268, 5640, 5301, 5311, 5507, 5415, 5601, 5681, 5335, 5656, 5584, 5334, 5550, 5513, 5657, 5366, 5655, 5661, 5267 (7 hits)
16	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5515, 5305, 5483, 5651, 5531, 5583, 5605, 5702, 5481, 5273, 5512, 5669, 5450, 5533, 5252, 5390, 5357, 5685, 5458, 5289, 5694, 5625, 5529, 5617, 5621, 5648, 5418, 5469, 5507, 5393, 5345, 5386, 5279, 5449, 5281, 5362, 5410, 5614, 5266, 5664, 5520, 5461, 5271, 5432, 5543, 5317, 5504, 5470, 5344, 5722, 5423, 5403, 5296, 5429, 5397, 5421, 5294, 5697, 5508, 5608, 5487, 5498,

Table 14 - FCC frequency hopping radar (Type 6) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5699, 5326, 5262, 5272, 5477, 5713, 5654, 5307, 5278, 5323, 5643, 5682, 5314, 5379, 5525, 5312, 5516, 5674, 5568, 5405, 5261, 5622, 5255, 5595, 5270, 5293, 5657, 5431, 5687, 5698, 5719, 5267, 5426, 5349, 5596, 5372, 5269, 5721 (4 hits)
17	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5392, 5506, 5273, 5603, 5361, 5690, 5584, 5699, 5334, 5652, 5272, 5533, 5486, 5491, 5553, 5389, 5423, 5254, 5440, 5643, 5266, 5414, 5417, 5353, 5354, 5264, 5338, 5377, 5453, 5258, 5512, 5321, 5621, 5703, 5656, 5306, 5416, 5494, 5284, 5337, 5456, 5304, 5441, 5422, 5716, 5714, 5328, 5305, 5262, 5609, 5472, 5458, 5421, 5543, 5368, 5692, 5457, 5276, 5336, 5639, 5689, 5620, 5504, 5322, 5327, 5466, 5694, 5425, 5632, 5626, 5403, 5638, 5481, 5382, 5588, 5564, 5290, 5294, 5347, 5485, 5565, 5647, 5668, 5360, 5645, 5502, 5559, 5710, 5583, 5405, 5348, 5447, 5660, 5642, 5442, 5346, 5330, 5286, 5269, 5556 (5 hits)
18	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5630, 5642, 5483, 5725, 5497, 5644, 5305, 5722, 5255, 5460, 5598, 5478, 5473, 5347, 5423, 5600, 5421, 5522, 5377, 5669, 5412, 5437, 5654, 5409, 5687, 5401, 5317, 5666, 5623, 5452, 5652, 5443, 5354, 5671, 5442, 5346, 5295, 5445, 5348, 5572, 5625, 5645, 5254, 5720, 5648, 5693, 5566, 5539, 5703, 5285, 5694, 5650, 5518, 5251, 5568, 5559, 5286, 5629, 5400, 5297, 5641, 5675, 5352, 5417, 5465, 5391, 5274, 5283, 5635, 5397, 5690, 5540, 5408, 5656, 5665, 5301, 5395, 5519, 5282, 5705, 5599, 5269, 5683, 5293, 5291, 5448, 5371, 5426, 5321, 5464, 5553, 5611, 5349, 5651, 5662, 5304, 5717, 5258, 5716, 5430 (1 hits)
19	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5416, 5527, 5541, 5706, 5275, 5572, 5361, 5470, 5286, 5476, 5489, 5387, 5483, 5445, 5715, 5375, 5589, 5301, 5671, 5504, 5558, 5279, 5547, 5660, 5536, 5328, 5670, 5717, 5385, 5305, 5540, 5592, 5379, 5707, 5573, 5533, 5507, 5564, 5262, 5332, 5523, 5360, 5561, 5570, 5652, 5298, 5617, 5676, 5461, 5499, 5256, 5605, 5273, 5539, 5448, 5687, 5721, 5553, 5711, 5554, 5511, 5653, 5274, 5525, 5337, 5649, 5270, 5674, 5411, 5365, 5583, 5606, 5306, 5648, 5456, 5404, 5514, 5546, 5344, 5398, 5413, 5260, 5677, 5631, 5371, 5264, 5472, 5369, 5368, 5643, 5718, 5662, 5491, 5251, 5441, 5642, 5346, 5257, 5440, 5391 (4 hits)
20	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5379, 5361, 5346, 5692, 5638, 5453, 5354, 5472, 5338, 5332, 5603, 5716, 5422, 5263, 5351, 5262, 5412, 5401, 5255, 5505, 5444, 5419, 5563, 5677, 5569, 5400, 5277, 5330, 5625, 5493, 5561, 5410, 5710, 5554, 5358, 5436, 5675, 5499, 5497, 5481, 5613, 5642, 5574, 5476, 5353, 5538, 5266, 5473, 5454, 5649, 5567, 5628, 5383, 5276, 5309, 5636, 5596, 5305, 5293, 5479, 5389, 5683, 5428, 5643, 5559, 5368, 5440, 5619, 5432, 5579, 5411, 5348, 5477, 5488, 5487, 5585, 5288, 5669, 5485, 5690, 5593, 5416, 5670, 5522, 5311, 5512, 5282, 5714, 5261, 5687, 5415, 5509, 5417, 5482, 5492, 5545, 5718, 5355, 5640, 5250 (6 hits)
21	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5420, 5415, 5425, 5715, 5706, 5367, 5673, 5381, 5694, 5549, 5506, 5280, 5556, 5658, 5716, 5339, 5511, 5704, 5396, 5508, 5344, 5472, 5621, 5592, 5498, 5680, 5590, 5526, 5326, 5489, 5253, 5292, 5677, 5581, 5463, 5462, 5416, 5717, 5284, 5543, 5707, 5256, 5360, 5501, 5458, 5601, 5369, 5337, 5364, 5584, 5353, 5588, 5300, 5456, 5423, 5419, 5309, 5698, 5660, 5467, 5368, 5376, 5630, 5485, 5490, 5544, 5306, 5251, 5563, 5515, 5323, 5585, 5532, 5377, 5460, 5529, 5434, 5375, 5572, 5334, 5646, 5595, 5573, 5254, 5260, 5277,

Table 14 - FCC frequency hopping radar (Type 6) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5535, 5710, 5492, 5519, 5308, 5465, 5447, 5665, 5486, 5671, 5440, 5538, 5719, 5670 (6 hits)
22	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5315, 5410, 5481, 5317, 5582, 5268, 5377, 5254, 5497, 5300, 5679, 5365, 5331, 5659, 5709, 5457, 5541, 5720, 5629, 5264, 5513, 5420, 5454, 5414, 5477, 5593, 5693, 5708, 5626, 5561, 5397, 5656, 5279, 5450, 5621, 5631, 5378, 5496, 5258, 5474, 5565, 5636, 5427, 5295, 5546, 5424, 5252, 5505, 5548, 5418, 5543, 5321, 5283, 5413, 5493, 5347, 5385, 5599, 5523, 5266, 5610, 5487, 5707, 5468, 5595, 5293, 5547, 5298, 5270, 5529, 5590, 5459, 5332, 5717, 5533, 5725, 5520, 5417, 5326, 5531, 5632, 5306, 5724, 5576, 5542, 5451, 5318, 5604, 5692, 5643, 5710, 5588, 5490, 5486, 5650, 5688, 5255, 5452, 5337, 5408 (5 hits)
23	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5525, 5464, 5297, 5622, 5393, 5383, 5290, 5484, 5494, 5606, 5463, 5502, 5402, 5597, 5427, 5375, 5504, 5271, 5573, 5559, 5725, 5500, 5584, 5647, 5679, 5441, 5683, 5279, 5435, 5320, 5330, 5656, 5697, 5378, 5538, 5269, 5694, 5396, 5692, 5598, 5506, 5335, 5366, 5423, 5428, 5623, 5334, 5407, 5512, 5450, 5608, 5652, 5702, 5400, 5644, 5403, 5715, 5355, 5468, 5395, 5362, 5256, 5466, 5531, 5446, 5363, 5579, 5389, 5316, 5436, 5672, 5593, 5671, 5283, 5696, 5336, 5339, 5352, 5313, 5680, 5541, 5360, 5581, 5556, 5682, 5251, 5291, 5490, 5399, 5323, 5377, 5594, 5675, 5469, 5277, 5414, 5293, 5289, 5720, 5275 (6 hits)
24	9	1.0	333.0	Yes	5490.0MHz, -64.0dBm	Hop sequence: 5602, 5271, 5258, 5713, 5554, 5502, 5339, 5332, 5538, 5279, 5593, 5304, 5267, 5493, 5459, 5638, 5586, 5698, 5653, 5293, 5524, 5262, 5423, 5490, 5409, 5340, 5313, 5371, 5683, 5667, 5503, 5652, 5613, 5317, 5660, 5604, 5315, 5619, 5281, 5720, 5512, 5300, 5286, 5376, 5320, 5498, 5473, 5528, 5579, 5333, 5641, 5413, 5343, 5541, 5314, 5598, 5336, 5445, 5705, 5643, 5406, 5295, 5460, 5552, 5556, 5337, 5361, 5584, 5407, 5335, 5305, 5573, 5338, 5540, 5357, 5292, 5599, 5685, 5290, 5715, 5697, 5261, 5510, 5601, 5306, 5677, 5717, 5352, 5285, 5534, 5504, 5270, 5608, 5581, 5636, 5708, 5349, 5703, 5536, 5710 (7 hits)
25	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5445, 5268, 5382, 5307, 5567, 5349, 5660, 5397, 5555, 5479, 5653, 5346, 5465, 5558, 5695, 5592, 5314, 5401, 5664, 5521, 5315, 5719, 5389, 5326, 5274, 5316, 5266, 5393, 5680, 5493, 5626, 5453, 5317, 5327, 5415, 5562, 5345, 5365, 5618, 5604, 5344, 5352, 5570, 5251, 5436, 5662, 5272, 5661, 5449, 5718, 5476, 5374, 5254, 5628, 5405, 5502, 5625, 5615, 5551, 5532, 5347, 5505, 5612, 5561, 5308, 5711, 5377, 5330, 5584, 5610, 5511, 5321, 5265, 5529, 5439, 5677, 5609, 5410, 5605, 5696, 5527, 5381, 5687, 5589, 5692, 5484, 5337, 5587, 5682, 5699, 5416, 5534, 5697, 5378, 5303, 5369, 5458, 5440, 5390, 5684 (3 hits)
26	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5629, 5539, 5457, 5287, 5311, 5395, 5392, 5656, 5446, 5620, 5429, 5662, 5267, 5486, 5532, 5708, 5670, 5590, 5690, 5542, 5513, 5323, 5303, 5517, 5583, 5251, 5543, 5560, 5563, 5702, 5294, 5691, 5334, 5358, 5355, 5339, 5354, 5505, 5399, 5695, 5572, 5703, 5442, 5515, 5574, 5540, 5326, 5450, 5471, 5630, 5275, 5364, 5454, 5612, 5368, 5436, 5664, 5302, 5507, 5669, 5421, 5549, 5371, 5601, 5654, 5644, 5491, 5343, 5667, 5259, 5634, 5557, 5449, 5593, 5611, 5588, 5525, 5290, 5375, 5418, 5681, 5264, 5321, 5548, 5480, 5712, 5286, 5577, 5470, 5510, 5716, 5353, 5637, 5254, 5687, 5318, 5586, 5293, 5363, 5396 (4 hits)
27	9	1.0	333.0	Yes	5493.0MHz,	Hop sequence: 5306, 5613, 5634, 5316, 5591, 5711,

Table 14 - FCC frequency hopping radar (Type 6) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5462, 5595, 5695, 5573, 5537, 5279, 5512, 5544, 5494, 5627, 5289, 5655, 5650, 5615, 5286, 5528, 5532, 5662, 5274, 5389, 5657, 5545, 5406, 5309, 5619, 5645, 5708, 5361, 5726, 5609, 5624, 5466, 5470, 5542, 5436, 5391, 5707, 5257, 5661, 5616, 5626, 5584, 5454, 5698, 5618, 5517, 5477, 5720, 5254, 5636, 5509, 5518, 5490, 5273, 5465, 5590, 5445, 5589, 5315, 5310, 5523, 5713, 5360, 5458, 5565, 5398, 5469, 5251, 5673, 5551, 5706, 5471, 5526, 5380, 5387, 5374, 5622, 5344, 5524, 5639, 5505, 5649, 5456, 5577, 5612, 5304, 5515, 5325, 5546, 5271, 5294, 5365, 5492, 5674 (5 hits)
28	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5346, 5521, 5696, 5448, 5551, 5424, 5713, 5586, 5516, 5623, 5528, 5353, 5601, 5361, 5267, 5385, 5337, 5493, 5490, 5370, 5379, 5605, 5409, 5359, 5334, 5473, 5399, 5602, 5378, 5306, 5505, 5350, 5649, 5427, 5660, 5629, 5674, 5718, 5295, 5254, 5374, 5683, 5487, 5256, 5357, 5465, 5655, 5664, 5333, 5437, 5445, 5470, 5708, 5526, 5607, 5308, 5657, 5408, 5636, 5638, 5347, 5461, 5577, 5513, 5707, 5288, 5354, 5584, 5650, 5701, 5381, 5500, 5474, 5639, 5392, 5326, 5589, 5270, 5263, 5618, 5257, 5677, 5579, 5287, 5721, 5363, 5371, 5502, 5678, 5342, 5704, 5366, 5614, 5383, 5519, 5667, 5694, 5608, 5690, 5319 (5 hits)
29	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5663, 5347, 5469, 5684, 5383, 5576, 5406, 5481, 5465, 5527, 5548, 5328, 5697, 5480, 5549, 5260, 5389, 5455, 5272, 5725, 5289, 5699, 5391, 5381, 5630, 5521, 5650, 5451, 5665, 5397, 5554, 5702, 5287, 5610, 5588, 5642, 5618, 5592, 5573, 5616, 5485, 5317, 5572, 5594, 5479, 5578, 5685, 5438, 5689, 5547, 5651, 5265, 5379, 5664, 5472, 5380, 5277, 5345, 5497, 5536, 5390, 5707, 5492, 5696, 5452, 5652, 5717, 5441, 5520, 5602, 5298, 5334, 5560, 5546, 5386, 5644, 5368, 5329, 5405, 5296, 5445, 5467, 5679, 5622, 5649, 5575, 5515, 5372, 5414, 5267, 5653, 5686, 5424, 5280, 5537, 5504, 5448, 5307, 5691, 5275 (3 hits)
30	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5689, 5642, 5369, 5675, 5351, 5668, 5578, 5704, 5673, 5604, 5660, 5636, 5648, 5697, 5672, 5418, 5674, 5669, 5337, 5293, 5402, 5665, 5341, 5279, 5302, 5440, 5380, 5720, 5625, 5343, 5277, 5308, 5719, 5640, 5511, 5393, 5269, 5339, 5436, 5273, 5631, 5354, 5324, 5723, 5575, 5368, 5400, 5649, 5707, 5654, 5698, 5298, 5309, 5544, 5261, 5421, 5630, 5478, 5549, 5513, 5250, 5471, 5438, 5488, 5492, 5419, 5303, 5262, 5519, 5328, 5507, 5307, 5267, 5616, 5475, 5333, 5390, 5490, 5444, 5623, 5528, 5280, 5360, 5683, 5506, 5570, 5652, 5476, 5447, 5372, 5595, 5555, 5352, 5257, 5406, 5525, 5585, 5596, 5650, 5559 (4 hits)
31	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5273, 5614, 5450, 5331, 5473, 5543, 5476, 5259, 5370, 5700, 5523, 5508, 5367, 5400, 5393, 5391, 5541, 5526, 5388, 5694, 5300, 5414, 5486, 5667, 5294, 5704, 5582, 5443, 5610, 5272, 5605, 5278, 5559, 5607, 5491, 5478, 5639, 5361, 5308, 5724, 5323, 5254, 5369, 5305, 5594, 5277, 5590, 5547, 5682, 5350, 5587, 5427, 5578, 5536, 5315, 5307, 5510, 5711, 5505, 5306, 5586, 5395, 5544, 5402, 5576, 5351, 5516, 5377, 5716, 5618, 5592, 5380, 5465, 5503, 5406, 5449, 5417, 5706, 5415, 5525, 5643, 5514, 5652, 5573, 5343, 5714, 5482, 5624, 5355, 5373, 5666, 5620, 5265, 5719, 5563, 5303, 5283, 5520, 5650, 5686 (5 hits)
32	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5683, 5367, 5400, 5494, 5704, 5355, 5698, 5315, 5522, 5386, 5272, 5551, 5600, 5580, 5555, 5691, 5675, 5481, 5636, 5666, 5262, 5552, 5264, 5629, 5462, 5529, 5530, 5674, 5695, 5493,

Table 14 - FCC frequency hopping radar (Type 6) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5479, 5634, 5541, 5697, 5368, 5259, 5269, 5711, 5402, 5688, 5334, 5694, 5520, 5550, 5445, 5362, 5485, 5677, 5719, 5488, 5586, 5353, 5335, 5465, 5517, 5525, 5427, 5408, 5366, 5686, 5591, 5405, 5380, 5518, 5303, 5671, 5376, 5384, 5598, 5563, 5437, 5540, 5273, 5344, 5649, 5716, 5321, 5725, 5461, 5477, 5502, 5289, 5268, 5250, 5627, 5508, 5701, 5302, 5464, 5664, 5630, 5533, 5435, 5510, 5444, 5407, 5511, 5420, 5471, 5339 (5 hits)
33	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5288, 5329, 5438, 5298, 5262, 5660, 5509, 5620, 5448, 5300, 5250, 5673, 5332, 5345, 5311, 5587, 5430, 5648, 5580, 5282, 5437, 5650, 5434, 5653, 5711, 5628, 5261, 5290, 5705, 5466, 5341, 5640, 5417, 5326, 5303, 5512, 5586, 5657, 5534, 5252, 5399, 5267, 5366, 5582, 5335, 5502, 5519, 5364, 5563, 5493, 5388, 5693, 5343, 5469, 5544, 5583, 5286, 5353, 5725, 5720, 5253, 5474, 5491, 5573, 5679, 5634, 5562, 5374, 5342, 5441, 5369, 5658, 5419, 5662, 5651, 5404, 5496, 5656, 5405, 5287, 5383, 5464, 5524, 5604, 5637, 5556, 5291, 5540, 5548, 5407, 5331, 5456, 5453, 5702, 5432, 5511, 5258, 5607, 5482, 5665 (5 hits)
34	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5365, 5431, 5528, 5345, 5313, 5410, 5541, 5480, 5718, 5343, 5448, 5631, 5396, 5460, 5304, 5492, 5359, 5389, 5481, 5374, 5376, 5486, 5590, 5512, 5386, 5500, 5668, 5280, 5578, 5393, 5508, 5340, 5330, 5689, 5697, 5538, 5293, 5645, 5467, 5519, 5613, 5434, 5498, 5314, 5484, 5518, 5474, 5574, 5287, 5683, 5342, 5652, 5640, 5433, 5593, 5307, 5465, 5254, 5700, 5368, 5599, 5621, 5261, 5276, 5464, 5579, 5255, 5487, 5436, 5445, 5336, 5584, 5723, 5282, 5638, 5346, 5669, 5713, 5320, 5475, 5663, 5527, 5560, 5630, 5502, 5292, 5551, 5319, 5383, 5625, 5537, 5318, 5256, 5624, 5495, 5627, 5419, 5413, 5687, 5289 (6 hits)
35	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5692, 5691, 5688, 5675, 5324, 5416, 5640, 5407, 5615, 5523, 5263, 5443, 5534, 5455, 5724, 5672, 5559, 5396, 5683, 5682, 5674, 5378, 5721, 5725, 5638, 5524, 5586, 5707, 5437, 5693, 5479, 5549, 5299, 5359, 5626, 5676, 5338, 5406, 5685, 5660, 5611, 5357, 5373, 5505, 5280, 5717, 5609, 5262, 5684, 5605, 5648, 5572, 5658, 5369, 5526, 5266, 5655, 5483, 5333, 5584, 5477, 5583, 5252, 5558, 5664, 5478, 5285, 5521, 5546, 5506, 5496, 5400, 5395, 5701, 5346, 5452, 5612, 5498, 5580, 5603, 5673, 5501, 5677, 5565, 5582, 5273, 5444, 5472, 5627, 5581, 5464, 5562, 5616, 5307, 5467, 5510, 5665, 5303, 5637, 5326 (6 hits)
36	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5644, 5688, 5441, 5438, 5502, 5372, 5477, 5708, 5538, 5689, 5583, 5255, 5551, 5420, 5466, 5724, 5339, 5589, 5495, 5503, 5269, 5602, 5293, 5635, 5619, 5522, 5509, 5494, 5258, 5584, 5579, 5341, 5374, 5488, 5581, 5695, 5497, 5417, 5336, 5297, 5547, 5665, 5473, 5346, 5516, 5430, 5543, 5664, 5669, 5368, 5719, 5413, 5440, 5512, 5521, 5526, 5310, 5289, 5717, 5658, 5533, 5475, 5313, 5286, 5408, 5304, 5718, 5604, 5378, 5439, 5666, 5470, 5270, 5597, 5259, 5523, 5300, 5380, 5715, 5493, 5366, 5474, 5504, 5436, 5685, 5610, 5279, 5444, 5330, 5370, 5457, 5649, 5354, 5317, 5576, 5613, 5347, 5559, 5586, 5311 (8 hits)
37	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5273, 5264, 5578, 5412, 5317, 5712, 5313, 5445, 5461, 5465, 5692, 5285, 5631, 5561, 5515, 5441, 5647, 5482, 5580, 5628, 5471, 5660, 5609, 5649, 5272, 5542, 5263, 5366, 5487, 5352, 5334, 5399, 5476, 5293, 5687, 5353, 5437, 5486, 5336, 5390, 5261, 5349, 5701, 5427, 5706, 5323, 5597, 5306, 5268, 5577, 5302, 5374, 5337, 5568,

Table 14 - FCC frequency hopping radar (Type 6) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5296, 5529, 5657, 5463, 5550, 5274, 5477, 5606, 5699, 5446, 5564, 5472, 5674, 5344, 5589, 5670, 5499, 5483, 5513, 5526, 5522, 5319, 5280, 5622, 5533, 5585, 5520, 5671, 5287, 5626, 5276, 5574, 5346, 5378, 5668, 5379, 5295, 5451, 5467, 5538, 5419, 5700, 5617, 5281, 5527, 5485 (1 hits)
38	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5570, 5560, 5428, 5354, 5290, 5512, 5561, 5256, 5634, 5264, 5260, 5643, 5601, 5513, 5419, 5279, 5421, 5550, 5384, 5659, 5721, 5705, 5670, 5359, 5523, 5449, 5255, 5320, 5635, 5627, 5549, 5632, 5524, 5701, 5529, 5656, 5527, 5673, 5353, 5451, 5685, 5336, 5303, 5341, 5471, 5466, 5574, 5322, 5679, 5699, 5606, 5344, 5423, 5450, 5351, 5533, 5294, 5270, 5334, 5464, 5277, 5310, 5714, 5358, 5626, 5614, 5343, 5677, 5630, 5427, 5388, 5583, 5637, 5547, 5382, 5541, 5596, 5521, 5486, 5591, 5526, 5288, 5586, 5460, 5683, 5702, 5362, 5684, 5436, 5457, 5425, 5330, 5280, 5715, 5553, 5676, 5328, 5394, 5300, 5507 (1 hits)
39	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5349, 5326, 5296, 5712, 5586, 5354, 5484, 5304, 5448, 5480, 5361, 5694, 5550, 5598, 5311, 5661, 5268, 5404, 5515, 5365, 5635, 5683, 5631, 5618, 5563, 5292, 5588, 5558, 5401, 5275, 5439, 5335, 5584, 5392, 5702, 5670, 5555, 5560, 5348, 5306, 5518, 5476, 5337, 5486, 5406, 5397, 5600, 5393, 5435, 5540, 5418, 5470, 5265, 5677, 5638, 5336, 5668, 5287, 5445, 5714, 5505, 5572, 5619, 5547, 5362, 5490, 5475, 5273, 5438, 5262, 5724, 5291, 5331, 5573, 5315, 5353, 5637, 5385, 5434, 5549, 5473, 5386, 5630, 5646, 5309, 5523, 5613, 5367, 5281, 5488, 5543, 5633, 5408, 5514, 5293, 5360, 5305, 5504, 5705, 5531 (3 hits)
40	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5568, 5363, 5436, 5309, 5672, 5674, 5451, 5471, 5258, 5605, 5352, 5313, 5372, 5486, 5606, 5344, 5472, 5435, 5280, 5643, 5389, 5542, 5268, 5325, 5565, 5317, 5310, 5534, 5355, 5529, 5599, 5428, 5370, 5409, 5699, 5639, 5398, 5481, 5485, 5569, 5402, 5489, 5301, 5705, 5474, 5361, 5354, 5283, 5558, 5625, 5715, 5391, 5634, 5343, 5642, 5384, 5429, 5691, 5395, 5508, 5369, 5648, 5656, 5615, 5563, 5646, 5503, 5614, 5621, 5561, 5300, 5494, 5692, 5350, 5712, 5505, 5440, 5584, 5470, 5266, 5302, 5465, 5460, 5629, 5653, 5668, 5416, 5535, 5299, 5595, 5496, 5689, 5466, 5297, 5356, 5446, 5686, 5608, 5490, 5571 (6 hits)
41	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5578, 5664, 5319, 5602, 5482, 5513, 5612, 5254, 5725, 5583, 5334, 5494, 5705, 5580, 5707, 5629, 5404, 5493, 5309, 5416, 5465, 5364, 5307, 5498, 5635, 5401, 5379, 5616, 5340, 5723, 5430, 5656, 5383, 5435, 5637, 5300, 5702, 5294, 5596, 5439, 5601, 5342, 5460, 5495, 5429, 5651, 5713, 5644, 5499, 5320, 5517, 5531, 5394, 5487, 5392, 5555, 5341, 5446, 5524, 5374, 5609, 5542, 5504, 5295, 5541, 5276, 5423, 5505, 5403, 5274, 5363, 5549, 5595, 5701, 5655, 5642, 5684, 5622, 5561, 5347, 5415, 5250, 5704, 5480, 5338, 5571, 5492, 5641, 5696, 5570, 5448, 5474, 5554, 5628, 5418, 5469, 5478, 5522, 5673, 5422 (8 hits)
42	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5594, 5494, 5612, 5363, 5388, 5295, 5467, 5528, 5584, 5599, 5579, 5421, 5490, 5549, 5325, 5411, 5613, 5502, 5701, 5640, 5408, 5691, 5555, 5519, 5553, 5424, 5614, 5597, 5500, 5385, 5288, 5616, 5558, 5451, 5709, 5470, 5536, 5706, 5583, 5665, 5305, 5285, 5722, 5433, 5475, 5260, 5264, 5634, 5498, 5342, 5724, 5655, 5508, 5474, 5704, 5453, 5377, 5651, 5720, 5581, 5669, 5687, 5631, 5473, 5642, 5261, 5575, 5380, 5698, 5268, 5690, 5685, 5671, 5561, 5333, 5672, 5301, 5564,

Table 14 - FCC frequency hopping radar (Type 6) Results n20						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5318, 5629, 5364, 5402, 5323, 5525, 5341, 5329, 5335, 5652, 5339, 5550, 5541, 5718, 5370, 5512, 5292, 5593, 5344, 5569, 5371, 5620 (6 hits)

Table 15 - Long Sequence Waveform Summary n20		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5500.0MHz, -64.0dBm
Trial #2	Detected	5495.0MHz, -64.0dBm
Trial #3	Detected	5505.0MHz, -64.0dBm
Trial #4	Detected	5500.0MHz, -64.0dBm
Trial #5	Detected	5495.0MHz, -64.0dBm
Trial #6	Detected	5505.0MHz, -64.0dBm
Trial #7	Detected	5500.0MHz, -64.0dBm
Trial #8	Detected	5495.0MHz, -64.0dBm
Trial #9	Detected	5505.0MHz, -64.0dBm
Trial #10	Detected	5500.0MHz, -64.0dBm
Trial #11	Detected	5495.0MHz, -64.0dBm
Trial #12	Detected	5505.0MHz, -64.0dBm
Trial #13	Detected	5500.0MHz, -64.0dBm
Trial #14	Detected	5495.0MHz, -64.0dBm
Trial #15	Detected	5505.0MHz, -64.0dBm
Trial #16	Detected	5500.0MHz, -64.0dBm
Trial #17	Detected	5495.0MHz, -64.0dBm
Trial #18	Detected	5505.0MHz, -64.0dBm
Trial #19	Detected	5500.0MHz, -64.0dBm
Trial #20	NOT Detected	5495.0MHz, -64.0dBm
Trial #21	Detected	5505.0MHz, -64.0dBm
Trial #22	Detected	5500.0MHz, -64.0dBm
Trial #23	Detected	5495.0MHz, -64.0dBm
Trial #24	Detected	5505.0MHz, -64.0dBm
Trial #25	Detected	5500.0MHz, -64.0dBm
Trial #26	Detected	5495.0MHz, -64.0dBm
Trial #27	Detected	5505.0MHz, -64.0dBm
Trial #28	Detected	5500.0MHz, -64.0dBm
Trial #29	Detected	5495.0MHz, -64.0dBm
Trial #30	Detected	5505.0MHz, -64.0dBm

Table 16 - Long Sequence Waveform Trial#1 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.8	18	1253.0	-	0.663095
2	3	76.1	6	1917.0	1967.0	1.097292
3	2	73.9	12	1092.0	-	1.835304
4	2	87.1	18	1833.0	-	2.797879
5	2	85.6	14	1016.0	-	3.265603
6	2	92.9	16	1472.0	-	3.984254
7	2	71.7	6	1223.0	-	4.789337
8	1	97.0	8	-	-	5.300868
9	2	98.0	16	1039.0	-	6.066695
10	1	90.1	8	-	-	7.437329
11	1	70.4	17	-	-	7.539109
12	1	54.9	15	-	-	8.867522
13	3	58.6	14	1893.0	1456.0	9.535283
14	3	61.6	12	1914.0	1614.0	10.351203
15	3	53.6	14	1954.0	1891.0	10.728363
16	2	80.9	10	1211.0	-	11.751584

Table 17 - Long Sequence Waveform Trial#2 (Detected) n20

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	89.7	15	1777.0	1059.0	0.683048
2	2	74.7	19	1929.0	-	2.346360
3	2	52.3	14	1862.0	-	2.924102
4	2	69.4	15	1970.0	-	3.778452
5	2	84.6	14	1065.0	-	5.505843
6	3	71.4	8	1027.0	1561.0	6.707773
7	2	77.5	8	1645.0	-	7.606190
8	3	97.5	5	1326.0	1520.0	8.479549
9	3	86.4	7	1299.0	1164.0	10.613964
10	2	83.2	18	1343.0	-	11.378348

Table 18 - Long Sequence Waveform Trial#3 (Detected) n20

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	51.6	11	1867.0	-	0.255200
2	1	86.8	7	-	-	0.895935
3	2	77.3	16	1683.0	-	2.099704
4	3	95.6	17	1133.0	1117.0	2.454249
5	1	73.8	17	-	-	3.417979
6	1	90.9	11	-	-	3.922637
7	1	69.4	18	-	-	4.953851
8	2	78.8	8	1156.0	-	5.916919
9	2	87.7	16	1909.0	-	6.717316
10	3	77.6	18	1620.0	1419.0	7.230805
11	2	96.8	6	1297.0	-	7.968206
12	2	50.5	11	1184.0	-	8.940682
13	1	94.8	15	-	-	9.171922
14	2	86.9	13	1270.0	-	10.389317
15	2	96.5	19	1366.0	-	11.194783
16	2	81.8	12	1083.0	-	11.684990

Table 19 - Long Sequence Waveform Trial#4 (Detected) n20

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	77.1	9	-	-	0.389986
2	1	79.7	17	-	-	1.588477
3	3	70.4	18	1739.0	1845.0	2.913419
4	3	99.5	14	1457.0	1853.0	3.306327
5	3	75.5	18	1579.0	1198.0	4.047094
6	1	74.0	16	-	-	5.913689
7	2	63.7	8	1727.0	-	6.208328
8	1	76.2	17	-	-	7.167788
9	1	52.2	15	-	-	8.362309
10	2	55.6	12	1857.0	-	9.986894
11	2	56.7	9	1087.0	-	10.730738
12	2	83.4	13	1706.0	-	11.932958

Table 20 - Long Sequence Waveform Trial#5 (Detected) n20

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	67.7	15	-	-	0.944587
2	1	52.8	10	-	-	2.692421
3	3	83.9	9	1295.0	1726.0	4.215568
4	2	88.7	20	1487.0	-	5.342658
5	2	50.1	10	1827.0	-	6.674427
6	2	91.8	7	1752.0	-	8.756461
7	1	72.8	9	-	-	9.754959
8	1	55.2	15	-	-	10.799333

Table 21 - Long Sequence Waveform Trial#6 (Detected) n20

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	83.2	18	1150.0	1695.0	0.568098
2	2	66.0	14	1149.0	-	0.841828
3	2	81.3	5	1669.0	-	1.503129
4	3	87.1	16	1446.0	1610.0	2.157217
5	2	67.5	17	1611.0	-	3.197705
6	2	50.9	12	1019.0	-	3.891425
7	2	85.0	16	1676.0	-	4.051472
8	2	54.6	5	1785.0	-	4.936798
9	3	61.8	11	1609.0	1847.0	5.819976
10	2	67.1	17	1500.0	-	6.567307
11	1	66.8	14	-	-	6.882057
12	3	69.0	7	1548.0	1685.0	7.643393
13	2	93.9	9	1247.0	-	8.364364
14	2	91.4	17	1153.0	-	8.777103
15	2	89.1	12	1911.0	-	9.897258
16	3	95.3	19	1449.0	1514.0	10.561470
17	1	77.2	18	-	-	11.111681
18	2	74.2	10	1830.0	-	11.454191

Table 22 - Long Sequence Waveform Trial#7 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	78.5	9	-	-	0.186845
2	3	52.2	16	1237.0	1036.0	0.906905
3	1	70.4	9	-	-	1.845889
4	1	74.0	11	-	-	2.645207
5	1	96.6	9	-	-	3.260353
6	2	56.2	8	1801.0	-	3.402012
7	3	66.8	20	1694.0	1053.0	4.093813
8	3	59.5	15	1104.0	1249.0	5.107053
9	2	93.0	17	1881.0	-	5.629741
10	2	62.3	8	1333.0	-	6.200325
11	1	86.1	5	-	-	6.693827
12	1	52.4	13	-	-	7.622371
13	1	94.3	17	-	-	8.015163
14	1	94.2	16	-	-	8.850909
15	3	93.8	19	1561.0	1748.0	9.936549
16	2	53.8	8	1392.0	-	10.321769
17	1	66.3	7	-	-	11.329141
18	1	78.6	14	-	-	11.818439

Table 23 - Long Sequence Waveform Trial#8 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	61.4	15	1585.0	-	0.183733
2	2	87.0	15	1482.0	-	1.154720
3	2	89.1	12	1890.0	-	1.986300
4	1	68.7	13	-	-	2.850954
5	2	68.3	7	1153.0	-	3.270845
6	3	77.8	13	1177.0	1083.0	4.343467
7	2	78.0	13	1978.0	-	5.030484
8	3	71.5	18	1882.0	1869.0	5.583849
9	2	55.0	14	1201.0	-	6.080602
10	1	98.9	7	-	-	6.766742
11	2	54.7	6	1259.0	-	8.192350
12	2	60.6	15	1624.0	-	8.969547
13	1	79.3	13	-	-	9.502749
14	3	99.6	17	1066.0	1792.0	10.425083
15	2	90.6	16	1626.0	-	10.985697
16	1	54.0	9	-	-	11.967599

Table 24 - Long Sequence Waveform Trial#9 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	70.4	6	1651.0	1291.0	0.706328
2	1	61.7	19	-	-	1.037141
3	2	96.5	17	1579.0	-	2.679527
4	2	83.5	16	1312.0	-	3.140335
5	3	70.4	19	1999.0	1261.0	4.094315
6	3	64.1	6	1602.0	1142.0	4.715529
7	3	59.7	18	1135.0	1834.0	5.566980
8	3	84.6	15	1821.0	1611.0	7.340051
9	3	64.0	15	1186.0	1005.0	7.788661
10	3	64.0	7	1560.0	1289.0	8.668034
11	2	62.9	7	1740.0	-	10.054402
12	2	54.2	13	1413.0	-	10.303127
13	3	94.0	15	1910.0	1796.0	11.165977

Table 25 - Long Sequence Waveform Trial#10 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	84.2	6	1539.0	-	0.222426
2	1	77.1	12	-	-	1.021175
3	3	88.2	9	1420.0	1968.0	1.654415
4	1	51.1	11	-	-	2.539729
5	2	94.5	10	1787.0	-	3.717726
6	3	78.8	9	1105.0	1074.0	3.882324
7	3	85.4	19	1554.0	1165.0	4.920192
8	3	75.6	19	1738.0	1126.0	5.470204
9	2	55.9	7	1003.0	-	6.067495
10	2	82.1	15	1897.0	-	7.182384
11	1	79.4	9	-	-	8.008723
12	1	85.7	19	-	-	8.628891
13	2	54.2	15	1899.0	-	9.231832
14	3	83.3	6	1787.0	1701.0	10.147393
15	2	87.8	9	1882.0	-	10.573850
16	1	95.2	14	-	-	11.280705

Table 26 - Long Sequence Waveform Trial#11 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.0	5	1009.0	-	0.110187
2	3	57.2	8	1362.0	1116.0	1.581029
3	2	63.0	19	1948.0	-	2.048215
4	3	89.7	13	1984.0	1324.0	2.698823
5	3	85.2	11	1300.0	1151.0	4.039487
6	3	76.8	19	1056.0	1085.0	4.658316
7	3	83.5	5	1999.0	1548.0	5.765890
8	2	84.0	19	1172.0	-	6.222257
9	2	88.0	13	1821.0	-	7.281142
10	2	52.5	6	1118.0	-	7.842201
11	3	89.0	12	1494.0	1398.0	8.995908
12	3	82.0	20	1944.0	1910.0	9.878977
13	2	63.1	16	1944.0	-	10.967057
14	2	76.6	7	1822.0	-	11.494027

Table 27 - Long Sequence Waveform Trial#12 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	61.8	19	1476.0	-	0.474619
2	3	91.1	11	1400.0	1793.0	1.883788
3	1	91.1	13	-	-	2.465417
4	2	64.8	5	1916.0	-	4.076463
5	2	91.4	9	1889.0	-	4.575554
6	1	52.2	10	-	-	5.734869
7	3	84.1	16	1682.0	1562.0	7.114406
8	3	87.1	16	1208.0	1438.0	8.279789
9	2	81.0	19	1915.0	-	9.474560
10	1	78.8	15	-	-	10.889590
11	3	77.8	7	1959.0	1493.0	11.215905

Table 28 - Long Sequence Waveform Trial#13 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.5	15	1862.0	-	0.356345
2	2	66.8	19	1238.0	-	1.678072
3	2	66.2	6	1370.0	-	2.782990
4	2	53.6	7	1051.0	-	3.905785
5	1	72.2	20	-	-	4.960477
6	1	73.8	19	-	-	5.529631
7	2	68.3	12	1557.0	-	6.944528
8	3	53.8	9	1520.0	1036.0	7.051350
9	2	81.1	7	1580.0	-	8.209320
10	2	89.2	13	1591.0	-	9.379610
11	2	54.4	6	1330.0	-	10.084427
12	1	63.9	11	-	-	11.925024

Table 29 - Long Sequence Waveform Trial#14 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.8	19	-	-	0.025061
2	3	66.0	19	1086.0	1103.0	0.647289
3	2	86.4	17	1691.0	-	1.595904
4	2	65.2	19	1068.0	-	2.470567
5	3	97.7	19	1109.0	1586.0	2.827855
6	2	52.2	11	1643.0	-	3.583217
7	2	81.5	16	1664.0	-	3.933520
8	2	92.0	14	1794.0	-	4.898497
9	2	64.5	19	1330.0	-	5.069483
10	2	65.5	10	1700.0	-	5.955157
11	2	63.5	16	1911.0	-	6.762649
12	3	90.3	6	1030.0	1974.0	7.151949
13	1	81.9	11	-	-	7.587137
14	2	54.8	6	1944.0	-	8.368051
15	1	73.2	6	-	-	9.275978
16	2	77.2	14	1029.0	-	9.879501
17	1	69.7	19	-	-	10.433717
18	2	89.5	17	1240.0	-	11.274692
19	2	50.7	16	1949.0	-	11.866344

Table 30 - Long Sequence Waveform Trial#15 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.1	10	1850.0	-	0.067300
2	2	81.3	6	1338.0	-	1.070739
3	1	53.8	9	-	-	1.610954
4	2	51.5	12	1554.0	-	2.380527
5	2	78.4	13	1490.0	-	2.951310
6	3	73.7	10	1520.0	1196.0	3.732845
7	3	53.8	11	1378.0	1068.0	4.038091
8	2	62.8	9	1674.0	-	5.003921
9	2	55.7	9	1757.0	-	5.401956
10	3	90.7	18	1503.0	1945.0	6.423279
11	2	51.8	11	1738.0	-	6.987887
12	2	80.1	5	1085.0	-	7.961989
13	3	57.6	15	1549.0	1045.0	8.386745
14	1	93.6	18	-	-	9.297796
15	2	55.1	13	1328.0	-	9.818906
16	3	62.4	10	1090.0	1773.0	10.095804
17	2	53.0	11	1329.0	-	10.845144
18	1	55.0	11	-	-	11.867917

Table 31 - Long Sequence Waveform Trial#16 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.4	8	-	-	0.281624
2	2	59.0	11	1212.0	-	0.843552
3	2	94.0	13	1168.0	-	1.383285
4	2	54.7	18	1253.0	-	2.222100
5	1	74.0	10	-	-	2.970343
6	2	93.9	19	1792.0	-	3.560949
7	3	90.5	16	1719.0	1245.0	3.778227
8	3	69.6	11	1923.0	1981.0	4.727794
9	1	80.5	18	-	-	5.155136
10	2	85.4	16	1097.0	-	5.773558
11	1	56.5	18	-	-	6.336583
12	2	90.8	18	1370.0	-	6.827272
13	2	67.3	20	1826.0	-	7.600032
14	2	61.6	12	1145.0	-	7.958271
15	3	66.3	13	1420.0	1436.0	8.987017
16	2	72.7	18	1563.0	-	9.073769
17	2	76.0	9	1237.0	-	10.185661
18	1	67.2	16	-	-	10.502400
19	1	93.0	5	-	-	11.165988
20	3	89.0	8	1079.0	1190.0	11.723317

Table 32 - Long Sequence Waveform Trial#17 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	53.4	9	-	-	0.836760
2	1	67.2	14	-	-	0.924758
3	2	75.9	8	1799.0	-	2.476755
4	2	53.9	18	1748.0	-	3.326252
5	2	85.9	13	1297.0	-	3.834485
6	3	68.5	5	1550.0	1352.0	4.415665
7	2	60.3	15	1554.0	-	5.182053
8	3	86.8	9	1664.0	1946.0	6.142421
9	2	61.3	19	1838.0	-	7.175753
10	3	96.7	19	1133.0	1434.0	8.130410
11	2	64.4	15	1892.0	-	9.405482
12	2	55.1	14	1204.0	-	9.440637
13	3	75.1	13	1046.0	1011.0	11.025399
14	3	70.3	14	1213.0	1199.0	11.963590

Table 33 - Long Sequence Waveform Trial#18 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	52.9	11	1725.0	-	0.217996
2	1	93.7	12	-	-	1.087397
3	1	93.6	14	-	-	1.505963
4	2	73.1	7	1041.0	-	2.319802
5	2	55.7	9	1484.0	-	2.534669
6	1	97.9	19	-	-	3.403256
7	1	99.7	15	-	-	4.173816
8	1	88.2	10	-	-	4.611750
9	2	57.4	9	1432.0	-	4.818899
10	2	54.0	15	1465.0	-	5.561441
11	2	80.9	11	1190.0	-	6.493634
12	1	86.2	11	-	-	6.813075
13	2	93.4	14	1975.0	-	7.285637
14	2	93.7	18	1308.0	-	7.868182
15	2	92.3	10	1347.0	-	8.834076
16	2	90.7	14	1583.0	-	9.102435
17	2	57.6	11	1785.0	-	10.066465
18	2	63.3	17	1344.0	-	10.438847
19	1	78.2	16	-	-	11.316789
20	2	98.8	19	1471.0	-	11.882426

Table 34 - Long Sequence Waveform Trial#19 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.4	5	1841.0	-	0.761075
2	3	71.1	13	1972.0	1990.0	1.616096
3	1	81.1	13	-	-	2.252925
4	2	75.3	8	1850.0	-	4.201093
5	3	87.5	18	1760.0	1869.0	4.400567
6	2	75.0	20	1740.0	-	6.324111
7	2	54.7	18	1756.0	-	7.498378
8	2	59.2	13	1894.0	-	8.197134
9	2	82.0	13	1866.0	-	9.368781
10	1	61.5	19	-	-	10.727200
11	2	63.9	18	1391.0	-	11.327720

Table 35 - Long Sequence Waveform Trial#20 (NOT Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.2	16	1009.0	-	0.302409
2	3	74.4	15	1028.0	1218.0	1.623696
3	2	81.0	15	1157.0	-	2.030552
4	1	83.7	8	-	-	3.424971
5	1	94.8	17	-	-	3.910811
6	2	54.0	17	1277.0	-	5.228897
7	2	85.4	18	1333.0	-	6.379734
8	3	67.0	11	1237.0	1281.0	6.903519
9	3	89.0	19	1678.0	1397.0	8.141115
10	2	85.2	10	1872.0	-	8.594093
11	1	69.7	17	-	-	9.894707
12	3	91.8	9	1535.0	1451.0	10.300671
13	2	57.7	10	2000.0	-	11.891089

Table 36 - Long Sequence Waveform Trial#21 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	89.2	11	1424.0	1932.0	0.459370
2	1	74.4	11	-	-	1.547866
3	1	92.6	6	-	-	1.841527
4	3	53.1	11	1801.0	1438.0	2.693633
5	2	80.8	16	1949.0	-	3.228372
6	3	65.4	7	1833.0	1812.0	4.175247
7	1	98.4	18	-	-	4.913181
8	3	53.4	9	1512.0	1916.0	5.846110
9	1	65.0	19	-	-	6.476820
10	1	85.7	11	-	-	7.448838
11	1	84.0	17	-	-	8.090440
12	2	85.4	15	1120.0	-	9.053840
13	1	83.2	7	-	-	10.151575
14	2	96.9	5	1804.0	-	10.669997
15	1	67.8	17	-	-	11.994929

Table 37 - Long Sequence Waveform Trial#22 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	53.2	15	1738.0	1491.0	0.607674
2	1	77.2	14	-	-	0.940309
3	3	82.3	9	1935.0	1625.0	1.651981
4	2	58.6	18	1874.0	-	2.599350
5	1	68.9	13	-	-	3.527909
6	1	96.1	9	-	-	4.349352
7	2	82.4	6	1952.0	-	4.589282
8	1	87.7	7	-	-	5.593635
9	2	61.8	10	1728.0	-	6.696120
10	1	52.2	6	-	-	7.090918
11	1	57.7	15	-	-	7.931352
12	1	51.4	15	-	-	8.898308
13	2	60.7	19	1263.0	-	9.619579
14	3	84.9	11	1489.0	1154.0	9.952679
15	1	63.1	7	-	-	11.038537
16	3	65.7	17	1320.0	1492.0	11.597070

Table 38 - Long Sequence Waveform Trial#23 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	87.2	7	1030.0	-	0.013789
2	1	80.1	17	-	-	0.638704
3	3	72.5	9	1017.0	1999.0	1.811110
4	2	75.8	9	1989.0	-	2.438861
5	2	81.5	9	1043.0	-	3.011456
6	3	78.7	11	1085.0	1749.0	3.251745
7	2	61.0	17	1402.0	-	4.226194
8	3	97.9	6	1769.0	1912.0	4.660096
9	2	75.3	16	1653.0	-	5.101685
10	3	88.4	10	1724.0	1729.0	5.851735
11	2	73.3	19	1280.0	-	6.487488
12	1	56.2	14	-	-	6.979647
13	1	90.9	13	-	-	8.129271
14	2	86.4	13	1313.0	-	8.706546
15	2	51.5	19	1202.0	-	8.979962
16	3	82.3	19	1265.0	1971.0	9.951362
17	2	97.8	12	1129.0	-	10.432505
18	1	84.5	15	-	-	10.882414
19	1	65.9	10	-	-	11.531445

Table 39 - Long Sequence Waveform Trial#24 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	97.1	11	1936.0	1375.0	0.369552
2	2	91.5	9	1727.0	-	1.164281
3	1	78.5	11	-	-	2.056919
4	2	79.3	19	1662.0	-	2.536781
5	2	71.6	5	1493.0	-	3.224306
6	3	81.7	12	1326.0	1313.0	4.708943
7	2	94.7	17	1647.0	-	5.494521
8	2	56.2	12	1470.0	-	5.867665
9	2	60.5	6	1922.0	-	6.776811
10	3	96.7	11	1400.0	1746.0	7.648076
11	2	75.1	15	1953.0	-	8.351290
12	2	96.5	20	1615.0	-	9.015242
13	2	75.7	10	1204.0	-	10.152700
14	2	58.5	16	1812.0	-	10.638610
15	2	83.8	6	1177.0	-	11.836466

Table 40 - Long Sequence Waveform Trial#25 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	52.7	15	1731.0	-	0.340841
2	3	58.7	13	1884.0	1665.0	1.796412
3	3	53.7	10	1499.0	1785.0	2.763644
4	2	54.2	18	1897.0	-	3.540966
5	2	94.5	16	1173.0	-	4.453101
6	2	62.4	8	1587.0	-	4.842784
7	2	81.7	9	1152.0	-	5.625803
8	1	55.2	10	-	-	6.964344
9	1	83.3	6	-	-	7.563733
10	2	56.6	12	1293.0	-	9.180680
11	1	97.3	8	-	-	9.454626
12	1	88.7	11	-	-	10.365812
13	2	63.9	11	1198.0	-	11.504431

Table 41 - Long Sequence Waveform Trial#26 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	63.9	13	1172.0	1773.0	0.709254
2	3	96.8	13	1941.0	1260.0	1.124854
3	3	99.8	20	1663.0	1782.0	2.917779
4	3	88.5	16	1909.0	1160.0	3.596160
5	2	60.9	10	1573.0	-	4.495581
6	2	51.0	19	1798.0	-	5.776681
7	1	63.3	16	-	-	6.158967
8	2	98.4	9	1043.0	-	7.598966
9	2	84.7	19	1583.0	-	8.943286
10	2	59.5	17	1320.0	-	9.761855
11	1	75.8	12	-	-	10.698546
12	1	70.8	14	-	-	11.909901

Table 42 - Long Sequence Waveform Trial#27 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	84.5	8	-	-	0.506557
2	2	76.2	10	1459.0	-	1.496925
3	3	50.2	6	1849.0	1506.0	2.560432
4	2	54.0	8	1411.0	-	3.371427
5	3	65.5	17	1755.0	1491.0	4.423956
6	2	56.5	12	1083.0	-	5.084819
7	2	61.2	15	1037.0	-	6.005880
8	2	51.1	17	1886.0	-	7.657283
9	2	59.0	8	1202.0	-	8.892169
10	2	86.2	16	1162.0	-	9.867138
11	2	53.9	13	1943.0	-	10.305425
12	3	96.1	6	1246.0	1239.0	11.712114

Table 43 - Long Sequence Waveform Trial#28 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	51.5	8	1822.0	-	0.164991
2	1	68.5	19	-	-	1.835699
3	1	58.1	17	-	-	2.827823
4	1	52.9	9	-	-	4.268927
5	1	64.5	18	-	-	5.284064
6	3	73.1	17	1599.0	1035.0	6.495318
7	3	82.4	19	1860.0	1602.0	6.591126
8	3	69.9	18	1391.0	1872.0	8.124058
9	3	86.9	18	1530.0	1379.0	9.090748
10	2	55.8	14	1956.0	-	10.451533
11	2	56.9	7	1077.0	-	11.404255

Table 44 - Long Sequence Waveform Trial#29 (Detected) n20						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	65.8	8	1543.0	-	0.085766
2	1	83.4	18	-	-	1.285279
3	2	56.2	15	1793.0	-	2.140459
4	1	97.1	10	-	-	2.936861
5	2	50.8	8	1921.0	-	3.486879
6	1	54.4	6	-	-	4.419402
7	3	78.3	7	1165.0	1558.0	4.890032
8	2	61.0	18	1774.0	-	5.272877
9	3	85.1	6	1401.0	1048.0	6.286471
10	2	90.8	10	1625.0	-	7.008948
11	2	86.7	8	1376.0	-	7.770264
12	1	63.8	11	-	-	8.860284
13	2	81.4	13	1763.0	-	9.280444
14	2	83.2	12	1016.0	-	10.430677
15	3	90.7	17	1384.0	1406.0	10.578047
16	2	95.4	12	1705.0	-	11.819401

Table 45 - Long Sequence Waveform Trial#30 (Detected) n20

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.5	7	1578.0	-	0.447958
2	2	84.5	11	1462.0	-	1.165140
3	1	85.1	18	-	-	1.851462
4	1	91.2	13	-	-	2.348403
5	3	83.1	20	1747.0	1678.0	2.929082
6	1	53.9	10	-	-	3.678516
7	1	54.0	20	-	-	4.210864
8	3	72.6	6	1394.0	1002.0	4.963308
9	3	92.6	14	1230.0	1668.0	5.178521
10	3	81.3	20	1494.0	1529.0	5.876907
11	2	96.6	16	1895.0	-	6.835417
12	1	58.7	16	-	-	7.108029
13	3	51.9	19	1745.0	1972.0	7.689009
14	2	84.5	17	1480.0	-	8.342129
15	2	68.7	12	1506.0	-	8.939407
16	2	83.4	20	1928.0	-	10.004199
17	3	99.5	14	1311.0	1934.0	10.578500
18	3	65.5	20	1324.0	1361.0	11.301929
19	3	75.0	19	1520.0	1256.0	11.549635

Measured 99% bandwidth (from RF test report)for 802.11n 40MHz: 36.5MHz

Table 46 - Detection Bandwidth Measurements (Bandwidth: +19MHz /-19MHz) n40					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5490.00 MHz	1	2	33
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5491.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5492.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5493.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5494.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5496.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5497.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5498.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5499.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5500.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5501.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5502.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5503.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5504.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5505.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5516.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5517.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5518.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5519.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5521.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5522.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5523.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5524.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5525.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5526.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5527.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5528.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5529.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5530.00 MHz	1	2	33

Table 47 - Summary of All Results 40MHz				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	96.7 %	60.0 %	30	PASSED
Aggregate of above results	96.7 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	39	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED

Table 48 - FCC Short Pulse Radar (Type 1A) Results 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	70	1.0	758.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	62	1.0	858.0	Yes	5505.0MHz, -64.0dBm	Single burst
3	61	1.0	878.0	Yes	5500.0MHz, -64.0dBm	Single burst
4	65	1.0	818.0	Yes	5495.0MHz, -64.0dBm	Single burst
5	83	1.0	638.0	Yes	5525.0MHz, -64.0dBm	Single burst
6	67	1.0	798.0	Yes	5520.0MHz, -64.0dBm	Single burst
7	57	1.0	938.0	Yes	5515.0MHz, -64.0dBm	Single burst
8	99	1.0	538.0	Yes	5510.0MHz, -64.0dBm	Single burst
9	18	1.0	3066.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	72	1.0	738.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	102	1.0	518.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	76	1.0	698.0	Yes	5525.0MHz, -64.0dBm	Single burst
13	95	1.0	558.0	Yes	5520.0MHz, -64.0dBm	Single burst
14	89	1.0	598.0	Yes	5515.0MHz, -64.0dBm	Single burst
15	63	1.0	838.0	Yes	5510.0MHz, -64.0dBm	Single burst

Table 49 - FCC Short Pulse Radar (Type 1B) Results 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	28	1.0	1940.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	22	1.0	2464.0	Yes	5505.0MHz, -64.0dBm	Single burst
3	23	1.0	2332.0	Yes	5500.0MHz, -64.0dBm	Single burst
4	43	1.0	1248.0	Yes	5495.0MHz, -64.0dBm	Single burst
5	92	1.0	579.0	Yes	5525.0MHz, -64.0dBm	Single burst
6	45	1.0	1176.0	Yes	5520.0MHz, -64.0dBm	Single burst
7	22	1.0	2405.0	Yes	5515.0MHz, -64.0dBm	Single burst
8	38	1.0	1401.0	Yes	5510.0MHz, -64.0dBm	Single burst
9	29	1.0	1869.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	24	1.0	2269.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	22	1.0	2402.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	33	1.0	1614.0	Yes	5525.0MHz, -64.0dBm	Single burst
13	41	1.0	1305.0	Yes	5520.0MHz, -64.0dBm	Single burst
14	60	1.0	886.0	Yes	5515.0MHz, -64.0dBm	Single burst
15	58	1.0	924.0	Yes	5510.0MHz, -64.0dBm	Single burst

Table 50 - FCC Short Pulse Radar (Type 2) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	28	4.9	183.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	27	3.8	182.0	Yes	5505.0MHz, -64.0dBm	Single burst
3	28	3.1	153.0	Yes	5500.0MHz, -64.0dBm	Single burst
4	25	3.1	160.0	Yes	5495.0MHz, -64.0dBm	Single burst
5	24	3.8	224.0	Yes	5525.0MHz, -64.0dBm	Single burst
6	28	3.7	175.0	Yes	5520.0MHz, -64.0dBm	Single burst
7	27	2.3	193.0	Yes	5515.0MHz, -64.0dBm	Single burst
8	27	3.2	154.0	Yes	5510.0MHz, -64.0dBm	Single burst
9	29	4.1	210.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	28	3.5	219.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	25	1.6	171.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	26	4.1	192.0	Yes	5525.0MHz, -64.0dBm	Single burst
13	23	3.6	225.0	Yes	5520.0MHz, -64.0dBm	Single burst
14	25	4.0	203.0	Yes	5515.0MHz, -64.0dBm	Single burst
15	28	3.6	210.0	Yes	5510.0MHz, -64.0dBm	Single burst
16	25	2.9	194.0	Yes	5505.0MHz, -64.0dBm	Single burst
17	28	4.8	158.0	Yes	5500.0MHz, -64.0dBm	Single burst
18	26	4.9	187.0	Yes	5495.0MHz, -64.0dBm	Single burst
19	29	2.3	164.0	No	5525.0MHz, -64.0dBm	Single burst
20	24	2.1	170.0	Yes	5520.0MHz, -64.0dBm	Single burst
21	28	4.9	154.0	Yes	5515.0MHz, -64.0dBm	Single burst
22	25	1.7	151.0	Yes	5510.0MHz, -64.0dBm	Single burst
23	27	4.8	154.0	Yes	5505.0MHz, -64.0dBm	Single burst
24	23	3.3	176.0	Yes	5500.0MHz, -64.0dBm	Single burst
25	23	3.6	222.0	Yes	5495.0MHz, -64.0dBm	Single burst
26	25	1.2	229.0	Yes	5525.0MHz, -64.0dBm	Single burst
27	24	2.0	187.0	Yes	5520.0MHz, -64.0dBm	Single burst
28	27	4.0	204.0	Yes	5515.0MHz, -64.0dBm	Single burst
29	28	2.6	192.0	Yes	5510.0MHz, -64.0dBm	Single burst
30	26	3.0	160.0	Yes	5505.0MHz, -64.0dBm	Single burst

Table 51 - FCC Short Pulse Radar (Type 3) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	8.0	353.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	16	6.9	237.0	Yes	5505.0MHz, -64.0dBm	Single burst
3	17	7.0	423.0	Yes	5500.0MHz, -64.0dBm	Single burst
4	18	8.0	366.0	Yes	5495.0MHz, -64.0dBm	Single burst
5	17	7.2	365.0	Yes	5525.0MHz, -64.0dBm	Single burst
6	16	9.7	498.0	Yes	5520.0MHz, -64.0dBm	Single burst
7	17	9.0	328.0	Yes	5515.0MHz, -64.0dBm	Single burst
8	17	8.6	239.0	Yes	5510.0MHz, -64.0dBm	Single burst
9	16	8.1	442.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	17	9.0	434.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	16	9.9	451.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	18	6.8	204.0	Yes	5525.0MHz, -64.0dBm	Single burst
13	18	7.3	412.0	Yes	5520.0MHz, -64.0dBm	Single burst
14	18	6.1	415.0	Yes	5515.0MHz, -64.0dBm	Single burst
15	17	6.5	437.0	Yes	5510.0MHz, -64.0dBm	Single burst
16	17	9.9	255.0	Yes	5505.0MHz, -64.0dBm	Single burst
17	17	7.0	440.0	Yes	5500.0MHz, -64.0dBm	Single burst
18	16	9.0	318.0	Yes	5495.0MHz, -64.0dBm	Single burst
19	17	6.2	375.0	Yes	5525.0MHz, -64.0dBm	Single burst
20	17	7.8	286.0	Yes	5520.0MHz, -64.0dBm	Single burst
21	18	9.4	232.0	Yes	5515.0MHz, -64.0dBm	Single burst
22	16	6.3	260.0	Yes	5510.0MHz, -64.0dBm	Single burst
23	17	7.1	428.0	Yes	5505.0MHz, -64.0dBm	Single burst
24	16	10.0	388.0	Yes	5500.0MHz, -64.0dBm	Single burst
25	17	8.7	442.0	Yes	5495.0MHz, -64.0dBm	Single burst
26	17	9.4	284.0	Yes	5525.0MHz, -64.0dBm	Single burst
27	17	8.0	416.0	Yes	5520.0MHz, -64.0dBm	Single burst
28	16	7.8	346.0	Yes	5515.0MHz, -64.0dBm	Single burst
29	17	6.2	440.0	Yes	5510.0MHz, -64.0dBm	Single burst
30	17	8.4	355.0	Yes	5505.0MHz, -64.0dBm	Single burst

Table 52 - FCC Short Pulse Radar (Type 4) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	15	19.2	424.0	Yes	5510.0MHz, -64.0dBm	Single burst
2	15	13.8	433.0	Yes	5505.0MHz, -64.0dBm	Single burst
3	15	19.2	471.0	Yes	5500.0MHz, -64.0dBm	Single burst
4	16	19.6	241.0	Yes	5495.0MHz, -64.0dBm	Single burst
5	15	16.3	478.0	Yes	5525.0MHz, -64.0dBm	Single burst
6	16	18.9	408.0	Yes	5520.0MHz, -64.0dBm	Single burst
7	15	16.8	354.0	Yes	5515.0MHz, -64.0dBm	Single burst
8	16	15.1	317.0	Yes	5510.0MHz, -64.0dBm	Single burst
9	13	18.6	398.0	Yes	5505.0MHz, -64.0dBm	Single burst
10	15	18.6	384.0	Yes	5500.0MHz, -64.0dBm	Single burst
11	12	13.1	426.0	Yes	5495.0MHz, -64.0dBm	Single burst
12	12	11.0	252.0	Yes	5525.0MHz, -64.0dBm	Single burst
13	16	17.4	238.0	Yes	5520.0MHz, -64.0dBm	Single burst
14	15	18.3	450.0	Yes	5515.0MHz, -64.0dBm	Single burst
15	14	12.9	429.0	Yes	5510.0MHz, -64.0dBm	Single burst
16	16	11.1	361.0	Yes	5505.0MHz, -64.0dBm	Single burst
17	15	16.6	430.0	Yes	5500.0MHz, -64.0dBm	Single burst
18	15	18.8	461.0	Yes	5495.0MHz, -64.0dBm	Single burst
19	16	12.0	286.0	Yes	5525.0MHz, -64.0dBm	Single burst
20	16	13.6	401.0	Yes	5520.0MHz, -64.0dBm	Single burst
21	13	15.4	400.0	Yes	5515.0MHz, -64.0dBm	Single burst
22	14	11.7	308.0	Yes	5510.0MHz, -64.0dBm	Single burst
23	13	14.9	456.0	No	5505.0MHz, -64.0dBm	Single burst
24	12	15.0	307.0	Yes	5500.0MHz, -64.0dBm	Single burst
25	15	19.7	380.0	Yes	5495.0MHz, -64.0dBm	Single burst
26	16	15.9	361.0	Yes	5525.0MHz, -64.0dBm	Single burst
27	12	18.3	237.0	Yes	5520.0MHz, -64.0dBm	Single burst
28	13	17.2	421.0	Yes	5515.0MHz, -64.0dBm	Single burst
29	14	11.1	470.0	Yes	5510.0MHz, -64.0dBm	Single burst
30	16	16.6	378.0	Yes	5505.0MHz, -64.0dBm	Single burst

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5528.0MHz, -64.0dBm	Hop sequence: 5287, 5443, 5353, 5644, 5348, 5375, 5278, 5445, 5555, 5475, 5673, 5510, 5280, 5462, 5452, 5581, 5706, 5592, 5569, 5628, 5683, 5547, 5389, 5329, 5342, 5639, 5604, 5378, 5291, 5674, 5313, 5602, 5414, 5669, 5607, 5565, 5251, 5272, 5324, 5586, 5413, 5372, 5564, 5486, 5661, 5477, 5668, 5465, 5507, 5339, 5640, 5387, 5253, 5307, 5717, 5426, 5350, 5322, 5395, 5320, 5449, 5579, 5701, 5284, 5541, 5412, 5432, 5483, 5508, 5570, 5359, 5635, 5255, 5262, 5710, 5295, 5571, 5368, 5468, 5667, 5345, 5338, 5447, 5626, 5497, 5588, 5524, 5495, 5398, 5501, 5584, 5688, 5258, 5328, 5589, 5522, 5352, 5333, 5394, 5703 (8 hits)
2	9	1.0	333.0	Yes	5529.0MHz, -64.0dBm	Hop sequence: 5571, 5344, 5459, 5472, 5432, 5505, 5635, 5534, 5269, 5684, 5563, 5475, 5401, 5483, 5694, 5633, 5448, 5495, 5658, 5675, 5584, 5356, 5688, 5585, 5311, 5496, 5473, 5386, 5532, 5515, 5677, 5359, 5407, 5429, 5640, 5392, 5334, 5607, 5712, 5346, 5331, 5408, 5669, 5578, 5651, 5366, 5415, 5445, 5379, 5442, 5514, 5304, 5307, 5478, 5302, 5521, 5294, 5602, 5547, 5605, 5680, 5699, 5701, 5616, 5636, 5509, 5474, 5575, 5313, 5512, 5455, 5522, 5695, 5398, 5303, 5387, 5528, 5268, 5426, 5716, 5309, 5679, 5317, 5642, 5554, 5524, 5264, 5609, 5357, 5454, 5510, 5648, 5267, 5631, 5403, 5378, 5471, 5551, 5612, 5337 (12 hits)
3	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5325, 5557, 5439, 5698, 5379, 5643, 5451, 5541, 5375, 5719, 5420, 5454, 5606, 5712, 5583, 5552, 5647, 5564, 5304, 5559, 5444, 5266, 5401, 5333, 5501, 5389, 5418, 5306, 5374, 5587, 5356, 5307, 5631, 5396, 5680, 5349, 5594, 5370, 5623, 5678, 5493, 5353, 5259, 5340, 5399, 5618, 5334, 5565, 5414, 5539, 5671, 5376, 5392, 5566, 5368, 5686, 5535, 5718, 5576, 5258, 5512, 5478, 5699, 5430, 5271, 5421, 5377, 5515, 5292, 5713, 5452, 5715, 5634, 5464, 5624, 5473, 5324, 5558, 5410, 5490, 5277, 5403, 5610, 5561, 5669, 5254, 5366, 5263, 5543, 5273, 5456, 5253, 5274, 5426, 5514, 5597, 5650, 5604, 5706, 5308 (5 hits)
4	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5364, 5549, 5539, 5458, 5564, 5694, 5525, 5340, 5512, 5516, 5451, 5598, 5622, 5385, 5313, 5292, 5388, 5477, 5412, 5257, 5347, 5497, 5660, 5559, 5570, 5553, 5554, 5357, 5557, 5623, 5672, 5720, 5647, 5351, 5534, 5341, 5699, 5400, 5342, 5717, 5498, 5561, 5252, 5337, 5289, 5514, 5416, 5376, 5573, 5443, 5423, 5317, 5585, 5596, 5615, 5386, 5662, 5336, 5537, 5472, 5712, 5607, 5528, 5611, 5558, 5716, 5664, 5560, 5708, 5692, 5273, 5414, 5355, 5307, 5726, 5509, 5697, 5523, 5631, 5579, 5397, 5700, 5288, 5489, 5446, 5398, 5621, 5714, 5269, 5483, 5522, 5644, 5668, 5405, 5284,

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5360, 5335, 5281, 5301, 5348 (10 hits)
5	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5453, 5597, 5380, 5579, 5716, 5554, 5671, 5315, 5297, 5635, 5483, 5699, 5660, 5414, 5516, 5500, 5255, 5567, 5359, 5301, 5332, 5569, 5613, 5367, 5501, 5559, 5524, 5378, 5422, 5258, 5575, 5459, 5393, 5408, 5629, 5452, 5681, 5441, 5691, 5471, 5447, 5305, 5536, 5382, 5295, 5695, 5702, 5484, 5495, 5530, 5426, 5587, 5390, 5724, 5696, 5592, 5448, 5498, 5421, 5620, 5324, 5309, 5706, 5562, 5531, 5334, 5455, 5328, 5644, 5612, 5544, 5623, 5456, 5481, 5388, 5520, 5678, 5589, 5606, 5704, 5327, 5557, 5431, 5707, 5375, 5692, 5409, 5391, 5370, 5383, 5463, 5489, 5472, 5424, 5401, 5510, 5688, 5614, 5586, 5349 (8 hits)
6	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5678, 5559, 5660, 5271, 5493, 5677, 5255, 5571, 5661, 5557, 5601, 5656, 5614, 5331, 5714, 5370, 5581, 5265, 5459, 5477, 5450, 5403, 5642, 5687, 5362, 5636, 5410, 5688, 5302, 5448, 5294, 5701, 5628, 5413, 5408, 5489, 5560, 5516, 5682, 5382, 5585, 5353, 5456, 5698, 5542, 5394, 5615, 5575, 5345, 5723, 5303, 5648, 5277, 5590, 5679, 5527, 5333, 5643, 5509, 5634, 5552, 5305, 5319, 5365, 5397, 5406, 5713, 5367, 5637, 5598, 5339, 5417, 5524, 5389, 5653, 5421, 5547, 5428, 5264, 5659, 5471, 5583, 5667, 5442, 5387, 5525, 5474, 5270, 5431, 5693, 5607, 5549, 5359, 5595, 5407, 5443, 5286, 5568, 5669, 5702 (6 hits)
7	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5256, 5544, 5598, 5653, 5485, 5440, 5270, 5576, 5681, 5364, 5697, 5455, 5361, 5724, 5454, 5555, 5600, 5359, 5410, 5655, 5509, 5640, 5496, 5587, 5506, 5475, 5694, 5325, 5311, 5500, 5268, 5601, 5557, 5711, 5725, 5437, 5420, 5677, 5387, 5667, 5514, 5344, 5505, 5622, 5300, 5665, 5447, 5602, 5415, 5425, 5276, 5411, 5360, 5315, 5384, 5621, 5367, 5577, 5676, 5258, 5404, 5445, 5692, 5378, 5522, 5326, 5352, 5662, 5405, 5398, 5341, 5252, 5682, 5638, 5668, 5707, 5535, 5297, 5406, 5521, 5465, 5305, 5269, 5304, 5695, 5582, 5649, 5570, 5397, 5463, 5566, 5639, 5356, 5527, 5292, 5712, 5393, 5479, 5613, 5726 (9 hits)
8	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5655, 5393, 5629, 5491, 5595, 5414, 5547, 5293, 5430, 5661, 5281, 5454, 5518, 5501, 5614, 5439, 5464, 5705, 5387, 5460, 5311, 5695, 5337, 5515, 5299, 5509, 5259, 5601, 5566, 5285, 5626, 5252, 5314, 5300, 5550, 5527, 5482, 5429, 5583, 5588, 5636, 5270, 5316, 5451, 5600, 5545, 5328, 5483, 5707, 5701, 5384, 5679, 5560, 5410, 5624, 5399, 5568, 5438, 5529, 5275, 5291, 5649, 5427, 5366, 5461, 5331, 5288, 5528, 5520, 5369, 5321, 5562, 5587, 5487, 5691, 5436, 5326, 5724, 5413, 5535, 5449, 5333, 5674, 5598, 5458, 5378, 5489, 5318, 5386, 5564, 5675, 5471, 5304, 5670, 5622, 5544, 5680, 5297, 5320, 5446 (9 hits)

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
9	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5507, 5388, 5341, 5635, 5333, 5445, 5274, 5597, 5709, 5514, 5702, 5575, 5665, 5612, 5352, 5682, 5315, 5309, 5483, 5724, 5440, 5435, 5281, 5617, 5580, 5456, 5450, 5526, 5571, 5510, 5596, 5722, 5340, 5530, 5581, 5513, 5265, 5298, 5544, 5541, 5499, 5720, 5278, 5551, 5486, 5363, 5301, 5257, 5285, 5397, 5327, 5582, 5506, 5418, 5644, 5312, 5622, 5655, 5640, 5650, 5704, 5651, 5618, 5614, 5293, 5528, 5516, 5305, 5303, 5328, 5715, 5608, 5266, 5424, 5275, 5592, 5546, 5656, 5593, 5375, 5307, 5690, 5443, 5448, 5319, 5407, 5288, 5675, 5400, 5471, 5473, 5491, 5472, 5359, 5429, 5371, 5331, 5339, 5300, 5477 (10 hits)
10	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5405, 5685, 5649, 5427, 5439, 5551, 5292, 5354, 5520, 5373, 5493, 5296, 5363, 5384, 5664, 5700, 5558, 5393, 5720, 5704, 5638, 5450, 5489, 5307, 5574, 5510, 5553, 5455, 5625, 5492, 5712, 5449, 5654, 5412, 5568, 5575, 5715, 5651, 5609, 5303, 5401, 5698, 5690, 5653, 5561, 5594, 5403, 5331, 5410, 5650, 5273, 5536, 5376, 5550, 5440, 5474, 5272, 5433, 5661, 5431, 5559, 5592, 5529, 5297, 5293, 5662, 5453, 5596, 5267, 5646, 5389, 5644, 5274, 5635, 5560, 5434, 5640, 5321, 5656, 5581, 5258, 5402, 5469, 5497, 5562, 5443, 5350, 5484, 5461, 5343, 5666, 5531, 5683, 5392, 5549, 5381, 5286, 5327, 5681, 5530 (6 hits)
11	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5442, 5580, 5330, 5717, 5385, 5321, 5263, 5439, 5433, 5694, 5712, 5671, 5505, 5690, 5514, 5306, 5706, 5673, 5470, 5261, 5691, 5298, 5384, 5554, 5696, 5583, 5528, 5594, 5603, 5287, 5496, 5345, 5670, 5445, 5581, 5300, 5436, 5335, 5606, 5282, 5714, 5549, 5411, 5392, 5648, 5443, 5516, 5589, 5484, 5715, 5416, 5520, 5460, 5718, 5645, 5464, 5544, 5510, 5652, 5625, 5284, 5258, 5292, 5364, 5524, 5720, 5638, 5525, 5423, 5632, 5475, 5483, 5463, 5320, 5316, 5389, 5254, 5255, 5570, 5308, 5417, 5425, 5681, 5350, 5311, 5488, 5542, 5688, 5438, 5723, 5370, 5492, 5286, 5374, 5318, 5512, 5386, 5262, 5346, 5419 (11 hits)
12	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5670, 5310, 5640, 5719, 5289, 5260, 5673, 5469, 5562, 5708, 5621, 5348, 5532, 5494, 5530, 5255, 5392, 5464, 5391, 5677, 5410, 5434, 5646, 5560, 5317, 5502, 5713, 5421, 5632, 5564, 5655, 5658, 5666, 5507, 5678, 5662, 5458, 5535, 5262, 5577, 5645, 5569, 5323, 5355, 5353, 5337, 5331, 5561, 5414, 5556, 5724, 5322, 5326, 5498, 5481, 5681, 5282, 5257, 5297, 5291, 5417, 5676, 5460, 5665, 5619, 5610, 5712, 5648, 5375, 5663, 5309, 5522, 5292, 5365, 5567, 5402, 5477, 5373, 5559, 5657, 5534, 5380, 5480, 5659, 5574, 5296, 5308, 5554, 5515, 5422, 5595, 5330, 5394, 5377, 5566, 5686, 5586, 5616, 5620, 5679 (6 hits)
13	9	1.0	333.0	Yes	5501.0MHz,	Hop sequence: 5489, 5656, 5347, 5411,

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5430, 5677, 5361, 5682, 5527, 5574, 5650, 5510, 5284, 5417, 5638, 5498, 5428, 5261, 5669, 5272, 5645, 5703, 5635, 5424, 5427, 5461, 5519, 5653, 5521, 5456, 5548, 5670, 5290, 5326, 5684, 5647, 5412, 5551, 5339, 5478, 5396, 5593, 5607, 5533, 5365, 5678, 5584, 5297, 5409, 5429, 5350, 5494, 5419, 5291, 5369, 5276, 5342, 5368, 5439, 5588, 5464, 5475, 5512, 5664, 5275, 5642, 5399, 5406, 5603, 5511, 5277, 5524, 5269, 5585, 5323, 5405, 5421, 5506, 5594, 5592, 5600, 5335, 5480, 5537, 5491, 5681, 5333, 5601, 5310, 5265, 5652, 5389, 5420, 5328, 5723, 5379, 5565, 5614, 5572, 5531 (11 hits)
14	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5718, 5602, 5490, 5527, 5405, 5696, 5355, 5444, 5408, 5559, 5252, 5463, 5391, 5486, 5382, 5327, 5548, 5459, 5558, 5603, 5398, 5693, 5268, 5411, 5250, 5654, 5412, 5343, 5584, 5310, 5549, 5600, 5302, 5397, 5691, 5369, 5421, 5474, 5574, 5544, 5644, 5627, 5496, 5629, 5309, 5403, 5510, 5712, 5625, 5451, 5363, 5581, 5719, 5494, 5289, 5358, 5303, 5667, 5517, 5634, 5482, 5583, 5256, 5626, 5678, 5352, 5395, 5456, 5553, 5487, 5298, 5318, 5621, 5726, 5511, 5655, 5297, 5495, 5659, 5622, 5671, 5320, 5519, 5305, 5606, 5535, 5590, 5322, 5572, 5461, 5520, 5597, 5694, 5515, 5643, 5285, 5653, 5443, 5503, 5497 (12 hits)
15	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5682, 5531, 5512, 5392, 5458, 5304, 5510, 5605, 5460, 5695, 5475, 5620, 5517, 5494, 5498, 5570, 5615, 5295, 5301, 5653, 5568, 5640, 5660, 5377, 5327, 5705, 5666, 5424, 5412, 5553, 5548, 5370, 5440, 5330, 5360, 5371, 5588, 5269, 5427, 5379, 5519, 5385, 5489, 5642, 5272, 5251, 5635, 5658, 5423, 5322, 5610, 5309, 5384, 5521, 5398, 5382, 5715, 5419, 5451, 5564, 5524, 5525, 5268, 5704, 5378, 5332, 5539, 5356, 5662, 5437, 5693, 5436, 5566, 5318, 5407, 5555, 5594, 5644, 5678, 5598, 5329, 5671, 5335, 5429, 5614, 5447, 5328, 5717, 5649, 5725, 5656, 5431, 5651, 5599, 5534, 5279, 5497, 5298, 5350, 5522 (11 hits)
16	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5422, 5399, 5689, 5712, 5550, 5274, 5607, 5283, 5504, 5554, 5400, 5362, 5482, 5264, 5293, 5344, 5288, 5304, 5474, 5313, 5656, 5572, 5410, 5450, 5711, 5687, 5622, 5375, 5316, 5398, 5699, 5671, 5567, 5551, 5382, 5363, 5322, 5523, 5307, 5471, 5333, 5718, 5546, 5603, 5599, 5284, 5664, 5713, 5637, 5260, 5653, 5702, 5379, 5647, 5367, 5416, 5477, 5435, 5716, 5368, 5323, 5271, 5296, 5373, 5309, 5358, 5596, 5403, 5355, 5505, 5661, 5258, 5672, 5542, 5409, 5658, 5626, 5633, 5536, 5663, 5614, 5473, 5578, 5484, 5462, 5634, 5620, 5464, 5497, 5534, 5411, 5530, 5700, 5690, 5331, 5655, 5594, 5708, 5444, 5531 (4 hits)
17	9	1.0	333.0	Yes	5505.0MHz,	Hop sequence: 5411, 5276, 5376, 5574, 5278, 5712, 5493, 5479, 5353, 5283, 5719,

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5435, 5686, 5452, 5516, 5362, 5481, 5685, 5515, 5322, 5514, 5356, 5415, 5404, 5503, 5264, 5531, 5491, 5602, 5562, 5366, 5342, 5390, 5341, 5299, 5578, 5298, 5424, 5329, 5644, 5444, 5389, 5502, 5255, 5379, 5555, 5469, 5378, 5707, 5426, 5256, 5344, 5323, 5251, 5321, 5575, 5584, 5582, 5570, 5587, 5294, 5492, 5440, 5663, 5483, 5361, 5717, 5624, 5425, 5699, 5666, 5318, 5470, 5559, 5632, 5710, 5423, 5674, 5489, 5590, 5532, 5463, 5439, 5677, 5608, 5564, 5289, 5310, 5445, 5351, 5538, 5443, 5333, 5627, 5567, 5700, 5622, 5592, 5688, 5405 (8 hits)
18	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5436, 5288, 5447, 5636, 5412, 5348, 5498, 5440, 5669, 5558, 5377, 5460, 5320, 5355, 5586, 5438, 5479, 5313, 5274, 5663, 5296, 5531, 5613, 5624, 5666, 5634, 5548, 5474, 5706, 5500, 5450, 5643, 5475, 5267, 5529, 5682, 5359, 5382, 5606, 5373, 5406, 5251, 5455, 5618, 5324, 5347, 5434, 5628, 5632, 5644, 5593, 5575, 5402, 5270, 5570, 5433, 5714, 5585, 5527, 5667, 5660, 5431, 5699, 5647, 5423, 5268, 5541, 5492, 5580, 5297, 5702, 5488, 5449, 5717, 5508, 5289, 5592, 5365, 5451, 5302, 5308, 5675, 5293, 5672, 5646, 5336, 5619, 5713, 5587, 5519, 5642, 5648, 5275, 5437, 5265, 5454, 5362, 5300, 5595, 5322 (7 hits)
19	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5553, 5338, 5614, 5425, 5308, 5610, 5334, 5418, 5491, 5466, 5337, 5511, 5384, 5628, 5505, 5717, 5537, 5429, 5583, 5400, 5627, 5668, 5324, 5713, 5432, 5348, 5463, 5446, 5313, 5366, 5607, 5633, 5260, 5445, 5573, 5363, 5648, 5458, 5435, 5677, 5335, 5295, 5483, 5271, 5595, 5665, 5473, 5632, 5347, 5701, 5660, 5350, 5252, 5433, 5297, 5498, 5674, 5485, 5474, 5443, 5705, 5663, 5616, 5603, 5386, 5381, 5623, 5339, 5408, 5412, 5500, 5395, 5580, 5391, 5402, 5602, 5385, 5699, 5382, 5442, 5317, 5472, 5528, 5421, 5361, 5272, 5274, 5585, 5370, 5503, 5465, 5544, 5564, 5606, 5322, 5367, 5634, 5527, 5566, 5333 (8 hits)
20	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5345, 5424, 5717, 5406, 5613, 5435, 5670, 5298, 5715, 5513, 5266, 5605, 5581, 5425, 5278, 5495, 5634, 5498, 5458, 5632, 5273, 5545, 5465, 5650, 5673, 5720, 5305, 5608, 5362, 5478, 5285, 5399, 5702, 5496, 5271, 5718, 5612, 5532, 5713, 5492, 5681, 5306, 5566, 5326, 5328, 5690, 5712, 5455, 5438, 5489, 5275, 5567, 5407, 5514, 5546, 5655, 5447, 5494, 5299, 5416, 5284, 5421, 5332, 5293, 5356, 5689, 5646, 5420, 5254, 5603, 5462, 5470, 5415, 5575, 5353, 5649, 5457, 5561, 5334, 5480, 5487, 5341, 5351, 5542, 5291, 5510, 5680, 5684, 5283, 5696, 5464, 5295, 5333, 5370, 5340, 5449, 5502, 5260, 5520, 5385 (10 hits)
21	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5622, 5273, 5359, 5614, 5516, 5332, 5422, 5519, 5666, 5720, 5419, 5370, 5320, 5493, 5682, 5683, 5269, 5413,

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5481, 5384, 5563, 5560, 5520, 5323, 5594, 5634, 5591, 5705, 5507, 5353, 5260, 5628, 5298, 5487, 5267, 5700, 5557, 5427, 5296, 5589, 5377, 5319, 5479, 5721, 5363, 5251, 5461, 5440, 5710, 5715, 5253, 5482, 5633, 5409, 5279, 5500, 5502, 5355, 5635, 5578, 5637, 5350, 5265, 5601, 5346, 5287, 5285, 5619, 5587, 5416, 5474, 5503, 5684, 5434, 5627, 5336, 5546, 5369, 5327, 5393, 5653, 5329, 5376, 5551, 5391, 5647, 5333, 5641, 5381, 5342, 5548, 5268, 5398, 5306, 5383, 5590, 5549, 5466, 5621, 5667 (8 hits)
22	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5510, 5495, 5382, 5672, 5380, 5361, 5504, 5626, 5514, 5468, 5281, 5651, 5393, 5264, 5360, 5489, 5443, 5282, 5541, 5638, 5665, 5334, 5648, 5395, 5387, 5345, 5255, 5573, 5576, 5570, 5682, 5611, 5650, 5276, 5571, 5279, 5287, 5292, 5603, 5589, 5442, 5310, 5425, 5348, 5647, 5632, 5421, 5405, 5454, 5652, 5719, 5700, 5548, 5386, 5357, 5458, 5423, 5335, 5401, 5409, 5492, 5531, 5471, 5628, 5313, 5630, 5459, 5713, 5446, 5663, 5668, 5546, 5634, 5381, 5478, 5456, 5583, 5378, 5433, 5327, 5580, 5639, 5617, 5338, 5265, 5465, 5347, 5614, 5467, 5420, 5481, 5540, 5642, 5702, 5664, 5488, 5527, 5539, 5444, 5260 (6 hits)
23	9	1.0	333.0	Yes	5511.0MHz, -64.0dBm	Hop sequence: 5695, 5250, 5563, 5506, 5423, 5258, 5268, 5288, 5497, 5316, 5642, 5662, 5306, 5437, 5602, 5656, 5603, 5567, 5515, 5600, 5556, 5639, 5285, 5440, 5362, 5647, 5560, 5264, 5710, 5318, 5607, 5585, 5396, 5257, 5625, 5485, 5482, 5347, 5292, 5516, 5570, 5426, 5294, 5525, 5697, 5409, 5405, 5422, 5322, 5346, 5719, 5699, 5671, 5717, 5546, 5664, 5637, 5705, 5676, 5577, 5492, 5522, 5370, 5349, 5283, 5280, 5596, 5406, 5379, 5313, 5718, 5263, 5295, 5421, 5483, 5502, 5489, 5424, 5452, 5555, 5328, 5599, 5466, 5539, 5427, 5367, 5701, 5259, 5557, 5724, 5519, 5459, 5537, 5659, 5448, 5526, 5310, 5649, 5696, 5381 (10 hits)
24	9	1.0	333.0	Yes	5512.0MHz, -64.0dBm	Hop sequence: 5352, 5697, 5546, 5322, 5403, 5390, 5386, 5703, 5311, 5277, 5347, 5343, 5674, 5350, 5554, 5380, 5686, 5314, 5474, 5512, 5602, 5505, 5263, 5571, 5694, 5587, 5671, 5439, 5396, 5283, 5327, 5568, 5672, 5683, 5677, 5476, 5519, 5381, 5706, 5333, 5699, 5543, 5608, 5470, 5679, 5480, 5367, 5477, 5362, 5667, 5425, 5256, 5711, 5715, 5503, 5348, 5599, 5378, 5281, 5485, 5328, 5576, 5295, 5553, 5567, 5494, 5334, 5507, 5652, 5536, 5342, 5308, 5550, 5435, 5586, 5623, 5426, 5498, 5301, 5628, 5481, 5266, 5689, 5552, 5589, 5280, 5636, 5392, 5484, 5593, 5659, 5331, 5410, 5399, 5604, 5643, 5695, 5376, 5269, 5415 (7 hits)
25	9	1.0	333.0	Yes	5513.0MHz, -64.0dBm	Hop sequence: 5285, 5447, 5392, 5329, 5670, 5387, 5539, 5358, 5620, 5618, 5589, 5359, 5323, 5484, 5347, 5377, 5306, 5515, 5625, 5476, 5420, 5719, 5543, 5457, 5421,

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5586, 5313, 5542, 5443, 5493, 5557, 5316, 5428, 5451, 5687, 5261, 5657, 5477, 5382, 5691, 5698, 5555, 5724, 5601, 5552, 5465, 5366, 5363, 5300, 5281, 5627, 5640, 5297, 5408, 5546, 5633, 5647, 5312, 5411, 5525, 5660, 5605, 5547, 5278, 5710, 5635, 5623, 5509, 5432, 5429, 5427, 5452, 5501, 5315, 5464, 5622, 5474, 5709, 5674, 5301, 5303, 5524, 5617, 5579, 5426, 5713, 5481, 5397, 5609, 5504, 5407, 5461, 5541, 5681, 5322, 5485, 5658, 5463, 5662, 5659 (7 hits)
26	9	1.0	333.0	Yes	5514.0MHz, -64.0dBm	Hop sequence: 5362, 5262, 5594, 5365, 5696, 5376, 5361, 5468, 5254, 5348, 5640, 5414, 5457, 5359, 5711, 5435, 5333, 5687, 5537, 5498, 5630, 5665, 5631, 5451, 5260, 5431, 5620, 5603, 5689, 5461, 5293, 5442, 5480, 5616, 5473, 5339, 5469, 5302, 5531, 5625, 5404, 5516, 5329, 5400, 5316, 5471, 5310, 5354, 5417, 5559, 5331, 5553, 5250, 5374, 5586, 5350, 5426, 5377, 5599, 5387, 5557, 5369, 5560, 5720, 5610, 5422, 5319, 5602, 5345, 5693, 5397, 5649, 5573, 5265, 5344, 5545, 5661, 5683, 5657, 5504, 5608, 5270, 5550, 5320, 5330, 5684, 5512, 5723, 5569, 5517, 5622, 5593, 5646, 5257, 5568, 5306, 5543, 5443, 5639, 5644 (5 hits)
27	9	1.0	333.0	Yes	5515.0MHz, -64.0dBm	Hop sequence: 5604, 5567, 5558, 5676, 5421, 5303, 5696, 5399, 5305, 5642, 5702, 5406, 5624, 5542, 5514, 5297, 5304, 5533, 5712, 5320, 5430, 5687, 5266, 5290, 5325, 5722, 5666, 5389, 5570, 5575, 5472, 5669, 5337, 5493, 5482, 5579, 5508, 5626, 5527, 5600, 5409, 5569, 5590, 5660, 5599, 5255, 5516, 5280, 5708, 5640, 5654, 5301, 5538, 5620, 5651, 5521, 5684, 5299, 5324, 5366, 5270, 5552, 5310, 5618, 5383, 5295, 5403, 5563, 5513, 5671, 5461, 5678, 5411, 5281, 5477, 5634, 5365, 5592, 5589, 5517, 5644, 5525, 5404, 5612, 5469, 5707, 5359, 5720, 5611, 5451, 5419, 5594, 5460, 5650, 5443, 5528, 5705, 5302, 5282, 5726 (10 hits)
28	9	1.0	333.0	Yes	5516.0MHz, -64.0dBm	Hop sequence: 5291, 5313, 5596, 5480, 5358, 5476, 5469, 5559, 5405, 5272, 5317, 5619, 5257, 5695, 5306, 5391, 5633, 5271, 5423, 5280, 5706, 5498, 5584, 5618, 5621, 5536, 5445, 5609, 5403, 5548, 5501, 5368, 5503, 5701, 5722, 5649, 5700, 5569, 5542, 5717, 5540, 5413, 5471, 5478, 5566, 5320, 5669, 5571, 5255, 5374, 5444, 5283, 5421, 5716, 5284, 5537, 5694, 5562, 5693, 5495, 5318, 5689, 5492, 5365, 5319, 5626, 5277, 5299, 5531, 5293, 5524, 5262, 5666, 5573, 5361, 5307, 5558, 5399, 5535, 5493, 5342, 5625, 5327, 5475, 5448, 5579, 5534, 5404, 5646, 5679, 5648, 5614, 5585, 5549, 5610, 5477, 5553, 5289, 5355, 5435 (7 hits)
29	9	1.0	333.0	Yes	5517.0MHz, -64.0dBm	Hop sequence: 5713, 5424, 5460, 5720, 5306, 5626, 5693, 5504, 5464, 5689, 5480, 5618, 5336, 5474, 5592, 5505, 5381, 5496, 5487, 5407, 5359, 5438, 5495, 5277, 5263, 5630, 5408, 5650, 5700, 5395, 5379, 5383,

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5501, 5292, 5641, 5468, 5721, 5587, 5706, 5338, 5536, 5667, 5419, 5418, 5692, 5340, 5712, 5702, 5290, 5370, 5684, 5281, 5714, 5707, 5562, 5708, 5251, 5367, 5665, 5429, 5376, 5620, 5361, 5520, 5679, 5643, 5321, 5405, 5267, 5425, 5275, 5686, 5271, 5699, 5645, 5644, 5615, 5552, 5553, 5433, 5261, 5533, 5662, 5478, 5391, 5522, 5537, 5404, 5428, 5256, 5348, 5690, 5413, 5616, 5330, 5583, 5596, 5360, 5530, 5578 (7 hits)
30	9	1.0	333.0	Yes	5518.0MHz, -64.0dBm	Hop sequence: 5359, 5365, 5504, 5638, 5499, 5275, 5587, 5640, 5431, 5495, 5545, 5549, 5349, 5383, 5336, 5444, 5687, 5567, 5713, 5595, 5575, 5520, 5400, 5466, 5422, 5290, 5523, 5447, 5323, 5711, 5270, 5641, 5443, 5445, 5392, 5576, 5309, 5460, 5652, 5648, 5557, 5589, 5490, 5570, 5697, 5558, 5307, 5610, 5704, 5369, 5361, 5363, 5373, 5607, 5368, 5580, 5389, 5532, 5612, 5302, 5598, 5688, 5325, 5404, 5390, 5380, 5498, 5527, 5449, 5602, 5256, 5333, 5287, 5611, 5304, 5288, 5448, 5334, 5372, 5337, 5624, 5398, 5561, 5535, 5721, 5725, 5636, 5553, 5403, 5646, 5634, 5694, 5352, 5295, 5679, 5330, 5654, 5628, 5291, 5413 (7 hits)
31	9	1.0	333.0	Yes	5519.0MHz, -64.0dBm	Hop sequence: 5455, 5433, 5625, 5458, 5686, 5417, 5716, 5362, 5565, 5636, 5444, 5467, 5689, 5411, 5612, 5637, 5662, 5626, 5674, 5621, 5346, 5641, 5528, 5353, 5406, 5673, 5480, 5551, 5265, 5697, 5506, 5620, 5404, 5277, 5603, 5323, 5664, 5345, 5619, 5503, 5633, 5567, 5341, 5615, 5330, 5541, 5398, 5260, 5299, 5254, 5648, 5402, 5365, 5571, 5557, 5352, 5291, 5385, 5373, 5279, 5410, 5479, 5436, 5724, 5366, 5377, 5714, 5314, 5335, 5694, 5654, 5470, 5538, 5608, 5553, 5337, 5544, 5706, 5632, 5561, 5497, 5297, 5292, 5527, 5524, 5502, 5700, 5560, 5428, 5513, 5640, 5468, 5693, 5287, 5509, 5315, 5646, 5675, 5387, 5443 (9 hits)
32	9	1.0	333.0	Yes	5520.0MHz, -64.0dBm	Hop sequence: 5560, 5487, 5326, 5548, 5389, 5542, 5444, 5409, 5445, 5493, 5695, 5270, 5535, 5559, 5654, 5578, 5502, 5517, 5572, 5472, 5392, 5606, 5312, 5696, 5463, 5309, 5561, 5617, 5523, 5298, 5546, 5284, 5580, 5605, 5405, 5516, 5303, 5451, 5589, 5329, 5631, 5426, 5680, 5632, 5569, 5611, 5357, 5282, 5550, 5438, 5477, 5306, 5500, 5341, 5564, 5366, 5423, 5707, 5665, 5367, 5343, 5584, 5558, 5278, 5615, 5251, 5410, 5601, 5583, 5277, 5323, 5315, 5332, 5485, 5717, 5527, 5712, 5365, 5536, 5411, 5388, 5319, 5434, 5565, 5418, 5709, 5354, 5475, 5377, 5440, 5664, 5720, 5630, 5716, 5457, 5587, 5724, 5549, 5723, 5317 (7 hits)
33	9	1.0	333.0	Yes	5521.0MHz, -64.0dBm	Hop sequence: 5282, 5628, 5531, 5573, 5719, 5390, 5619, 5529, 5261, 5714, 5542, 5546, 5455, 5516, 5568, 5567, 5654, 5420, 5602, 5686, 5692, 5435, 5340, 5505, 5616, 5712, 5563, 5333, 5324, 5694, 5633, 5646, 5430, 5365, 5444, 5700, 5306, 5660, 5502,

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5491, 5721, 5520, 5597, 5519, 5669, 5320, 5715, 5413, 5353, 5635, 5509, 5393, 5577, 5512, 5447, 5645, 5405, 5589, 5547, 5323, 5453, 5648, 5426, 5713, 5618, 5674, 5561, 5652, 5617, 5504, 5718, 5276, 5318, 5370, 5458, 5515, 5622, 5369, 5496, 5684, 5474, 5558, 5290, 5487, 5527, 5575, 5416, 5387, 5586, 5629, 5506, 5466, 5312, 5603, 5683, 5309, 5371, 5260, 5521, 5315 (15 hits)
34	9	1.0	333.0	Yes	5522.0MHz, -64.0dBm	Hop sequence: 5660, 5328, 5510, 5596, 5407, 5632, 5637, 5614, 5683, 5325, 5277, 5523, 5419, 5390, 5619, 5391, 5581, 5505, 5518, 5413, 5631, 5262, 5582, 5534, 5554, 5350, 5634, 5282, 5383, 5472, 5295, 5497, 5599, 5551, 5579, 5466, 5589, 5312, 5336, 5443, 5608, 5684, 5438, 5580, 5517, 5272, 5590, 5335, 5640, 5483, 5583, 5574, 5461, 5532, 5252, 5452, 5573, 5690, 5285, 5354, 5570, 5584, 5657, 5334, 5555, 5576, 5515, 5705, 5610, 5360, 5397, 5440, 5256, 5502, 5620, 5321, 5506, 5307, 5436, 5313, 5301, 5358, 5488, 5665, 5507, 5482, 5661, 5353, 5333, 5591, 5447, 5496, 5451, 5558, 5494, 5489, 5340, 5522, 5526, 5471 (14 hits)
35	9	1.0	333.0	Yes	5523.0MHz, -64.0dBm	Hop sequence: 5553, 5283, 5488, 5385, 5496, 5678, 5605, 5494, 5432, 5447, 5412, 5271, 5426, 5509, 5555, 5251, 5723, 5378, 5403, 5725, 5548, 5549, 5402, 5634, 5541, 5621, 5478, 5578, 5318, 5573, 5448, 5434, 5296, 5428, 5700, 5449, 5269, 5307, 5561, 5371, 5363, 5441, 5677, 5393, 5372, 5477, 5703, 5590, 5545, 5674, 5715, 5681, 5341, 5683, 5422, 5386, 5517, 5544, 5696, 5299, 5667, 5253, 5276, 5530, 5664, 5559, 5481, 5450, 5324, 5424, 5629, 5506, 5707, 5361, 5648, 5302, 5465, 5303, 5684, 5423, 5706, 5708, 5676, 5425, 5389, 5474, 5480, 5513, 5268, 5336, 5512, 5484, 5321, 5636, 5331, 5294, 5469, 5628, 5467, 5364 (7 hits)
36	9	1.0	333.0	Yes	5524.0MHz, -64.0dBm	Hop sequence: 5621, 5319, 5287, 5532, 5651, 5354, 5562, 5259, 5391, 5501, 5376, 5273, 5415, 5313, 5478, 5334, 5591, 5295, 5668, 5304, 5684, 5390, 5449, 5554, 5556, 5575, 5573, 5596, 5723, 5251, 5653, 5316, 5643, 5336, 5705, 5590, 5477, 5676, 5314, 5429, 5598, 5266, 5430, 5385, 5620, 5610, 5416, 5350, 5569, 5432, 5690, 5284, 5700, 5711, 5441, 5640, 5495, 5600, 5685, 5437, 5330, 5435, 5425, 5523, 5528, 5594, 5599, 5710, 5462, 5549, 5327, 5530, 5524, 5360, 5258, 5539, 5439, 5393, 5633, 5672, 5626, 5607, 5587, 5426, 5262, 5379, 5650, 5346, 5392, 5533, 5414, 5335, 5489, 5407, 5588, 5468, 5355, 5483, 5695, 5277 (5 hits)
37	9	1.0	333.0	Yes	5525.0MHz, -64.0dBm	Hop sequence: 5672, 5316, 5512, 5279, 5312, 5696, 5509, 5645, 5477, 5616, 5474, 5518, 5662, 5714, 5704, 5306, 5629, 5311, 5690, 5703, 5494, 5292, 5542, 5583, 5531, 5285, 5526, 5523, 5658, 5426, 5677, 5710, 5623, 5411, 5433, 5335, 5358, 5612, 5614, 5353, 5327, 5356, 5464, 5722, 5405, 5661,

Table 53 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5463, 5259, 5513, 5659, 5314, 5267, 5564, 5352, 5290, 5276, 5622, 5489, 5468, 5551, 5640, 5449, 5490, 5383, 5357, 5515, 5258, 5669, 5286, 5473, 5350, 5567, 5520, 5390, 5725, 5510, 5328, 5713, 5619, 5491, 5600, 5541, 5571, 5270, 5718, 5440, 5281, 5475, 5295, 5315, 5445, 5652, 5560, 5651, 5681, 5630, 5441, 5684, 5563, 5254 (11 hits)
38	9	1.0	333.0	Yes	5526.0MHz, -64.0dBm	Hop sequence: 5407, 5497, 5683, 5287, 5401, 5720, 5712, 5509, 5593, 5429, 5278, 5310, 5636, 5354, 5723, 5677, 5405, 5443, 5414, 5649, 5641, 5668, 5297, 5388, 5375, 5500, 5447, 5331, 5427, 5421, 5261, 5255, 5478, 5572, 5706, 5618, 5435, 5619, 5462, 5588, 5577, 5404, 5448, 5492, 5395, 5358, 5349, 5369, 5707, 5638, 5442, 5698, 5659, 5494, 5700, 5719, 5441, 5525, 5511, 5539, 5267, 5304, 5711, 5252, 5589, 5251, 5440, 5543, 5258, 5379, 5374, 5396, 5294, 5546, 5569, 5541, 5268, 5592, 5647, 5714, 5676, 5424, 5321, 5614, 5476, 5553, 5709, 5326, 5275, 5385, 5621, 5372, 5661, 5463, 5485, 5694, 5609, 5450, 5464, 5394 (7 hits)
39	9	1.0	333.0	Yes	5527.0MHz, -64.0dBm	Hop sequence: 5707, 5354, 5584, 5547, 5427, 5656, 5416, 5540, 5697, 5292, 5302, 5609, 5396, 5503, 5451, 5548, 5425, 5502, 5472, 5553, 5476, 5700, 5698, 5713, 5630, 5631, 5491, 5266, 5373, 5621, 5452, 5568, 5606, 5688, 5693, 5471, 5482, 5569, 5327, 5643, 5380, 5454, 5394, 5602, 5308, 5379, 5667, 5421, 5385, 5690, 5576, 5324, 5611, 5365, 5581, 5403, 5545, 5441, 5478, 5636, 5468, 5257, 5589, 5492, 5322, 5450, 5333, 5430, 5583, 5529, 5522, 5474, 5650, 5499, 5301, 5449, 5612, 5331, 5579, 5649, 5453, 5401, 5276, 5390, 5590, 5563, 5666, 5550, 5716, 5356, 5619, 5298, 5447, 5388, 5313, 5557, 5703, 5682, 5479, 5681 (7 hits)

Table 54 - Long Sequence Waveform Summary 40MHz		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -64.0dBm
Trial #2	Detected	5505.0MHz, -64.0dBm
Trial #3	Detected	5500.0MHz, -64.0dBm
Trial #4	Detected	5495.0MHz, -64.0dBm
Trial #5	Detected	5525.0MHz, -64.0dBm
Trial #6	Detected	5520.0MHz, -64.0dBm
Trial #7	Detected	5515.0MHz, -64.0dBm
Trial #8	Detected	5510.0MHz, -64.0dBm
Trial #9	Detected	5505.0MHz, -64.0dBm
Trial #10	Detected	5500.0MHz, -64.0dBm
Trial #11	Detected	5495.0MHz, -64.0dBm
Trial #12	Detected	5525.0MHz, -64.0dBm
Trial #13	Detected	5520.0MHz, -64.0dBm
Trial #14	Detected	5515.0MHz, -64.0dBm
Trial #15	Detected	5510.0MHz, -64.0dBm
Trial #16	Detected	5505.0MHz, -64.0dBm
Trial #17	Detected	5500.0MHz, -64.0dBm
Trial #18	Detected	5495.0MHz, -64.0dBm
Trial #19	Detected	5525.0MHz, -64.0dBm
Trial #20	Detected	5520.0MHz, -64.0dBm
Trial #21	Detected	5515.0MHz, -64.0dBm
Trial #22	Detected	5510.0MHz, -64.0dBm
Trial #23	Detected	5505.0MHz, -64.0dBm
Trial #24	Detected	5500.0MHz, -64.0dBm
Trial #25	Detected	5495.0MHz, -64.0dBm
Trial #26	Detected	5525.0MHz, -64.0dBm
Trial #27	Detected	5520.0MHz, -64.0dBm
Trial #28	Detected	5515.0MHz, -64.0dBm
Trial #29	Detected	5510.0MHz, -64.0dBm
Trial #30	Detected	5505.0MHz, -64.0dBm

Table 55 - Long Sequence Waveform Trial#1 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	72.5	18	1576.0	1351.0	0.196593
2	3	96.5	12	1518.0	1424.0	1.266753
3	2	91.3	19	1925.0	-	2.853490
4	2	72.5	6	1520.0	-	3.508068
5	3	59.0	8	1984.0	1058.0	5.109380
6	1	63.9	13	-	-	6.286665
7	3	99.5	14	1817.0	1623.0	6.825708
8	2	91.7	7	1713.0	-	7.914198
9	2	90.1	12	1292.0	-	8.999313
10	2	60.4	17	1000.0	-	10.763362
11	2	55.0	15	1045.0	-	11.581472

Table 56 - Long Sequence Waveform Trial#2 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	84.5	15	1714.0	-	0.580044
2	2	72.0	20	1485.0	-	0.919928
3	2	76.8	10	1050.0	-	1.757049
4	2	80.2	19	1677.0	-	2.540646
5	2	78.9	10	1458.0	-	2.776360
6	3	85.8	10	1316.0	1378.0	3.908706
7	2	79.7	15	1844.0	-	4.625645
8	3	95.8	9	1344.0	1641.0	5.287807
9	3	81.8	18	1664.0	1653.0	5.532706
10	1	86.4	6	-	-	6.540898
11	2	77.5	19	1635.0	-	6.721518
12	1	79.3	8	-	-	7.680500
13	3	60.4	18	1978.0	1099.0	8.021612
14	2	51.3	15	1114.0	-	8.867937
15	2	66.7	16	1664.0	-	9.357915
16	3	71.6	12	1490.0	1238.0	10.566210
17	2	76.6	10	1500.0	-	11.112055
18	1	58.8	17	-	-	11.776367

Table 57 - Long Sequence Waveform Trial#3 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	78.5	11	-	-	0.508101
2	1	96.3	15	-	-	2.289737
3	1	86.5	16	-	-	3.033655
4	1	84.7	17	-	-	4.579886
5	2	67.5	16	1731.0	-	5.696375
6	2	95.3	17	1889.0	-	6.219383
7	2	92.0	6	1982.0	-	7.879501
8	1	69.0	11	-	-	9.129658
9	1	64.2	15	-	-	9.858017
10	1	99.7	8	-	-	11.524438

Table 58 - Long Sequence Waveform Trial#4 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.1	7	1754.0	-	0.387950
2	2	92.4	13	1689.0	-	0.973798
3	3	57.1	5	1961.0	1324.0	1.392132
4	1	70.9	9	-	-	2.213918
5	2	78.3	12	1639.0	-	2.522433
6	3	89.0	8	1801.0	1206.0	3.450393
7	2	59.1	17	1715.0	-	4.133731
8	3	83.0	9	1235.0	1012.0	4.670469
9	3	66.1	10	1258.0	1920.0	4.983931
10	1	58.4	13	-	-	5.587632
11	3	56.9	19	1613.0	1430.0	6.086372
12	3	86.0	5	1475.0	1157.0	6.752110
13	2	93.0	17	1135.0	-	7.721096
14	3	99.1	11	1562.0	1265.0	8.191633
15	3	96.3	9	1028.0	1251.0	8.754757
16	1	93.4	8	-	-	9.307007
17	2	81.4	10	1200.0	-	9.837642
18	2	82.0	19	1208.0	-	10.482040
19	2	58.9	19	1608.0	-	11.083344
20	3	90.6	8	1389.0	1165.0	11.597997

Table 59 - Long Sequence Waveform Trial#5 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	62.1	10	-	-	0.408404
2	1	77.6	15	-	-	1.731137
3	3	74.4	10	1022.0	1025.0	3.276109
4	1	56.8	11	-	-	4.384393
5	2	92.1	9	1036.0	-	5.301543
6	2	75.9	14	1500.0	-	6.557454
7	2	68.4	12	1557.0	-	7.757045
8	2	61.5	20	1834.0	-	8.843240
9	3	69.5	19	1659.0	1355.0	10.215940
10	3	51.4	18	1316.0	1247.0	11.479827

Table 60 - Long Sequence Waveform Trial#6 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.8	19	1866.0	-	0.336387
2	2	58.9	8	1737.0	-	1.010199
3	1	68.4	13	-	-	2.214387
4	3	91.7	9	1715.0	1712.0	2.548330
5	2	78.0	13	1002.0	-	3.303413
6	1	76.3	12	-	-	3.771766
7	2	67.2	8	1354.0	-	4.980916
8	3	87.0	17	1171.0	1500.0	5.404591
9	2	63.2	5	1028.0	-	6.567483
10	1	85.0	18	-	-	7.373314
11	1	79.6	19	-	-	8.212023
12	1	54.7	7	-	-	8.313783
13	3	87.7	6	1874.0	1410.0	9.698019
14	2	60.4	17	1989.0	-	10.492732
15	3	52.3	16	1731.0	1066.0	10.642725
16	1	56.0	5	-	-	11.809780

Table 61 - Long Sequence Waveform Trial#7 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	64.9	16	1651.0	1321.0	0.152231
2	1	92.0	15	-	-	0.953617
3	2	59.2	18	1636.0	-	2.591683
4	3	70.8	13	1479.0	1728.0	2.937386
5	3	81.2	19	1667.0	1470.0	4.451482
6	1	68.1	17	-	-	4.828426
7	3	62.3	13	1676.0	1134.0	5.912533
8	3	70.0	15	1536.0	1155.0	7.170366
9	2	88.0	11	1743.0	-	7.508614
10	2	92.4	11	1367.0	-	8.804344
11	3	58.1	17	1113.0	1073.0	9.846773
12	1	84.7	11	-	-	10.711216
13	3	74.8	11	1818.0	1082.0	11.488807

Table 62 - Long Sequence Waveform Trial#8 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	90.0	9	-	-	0.200815
2	2	51.9	6	1992.0	-	0.870001
3	2	54.7	7	1873.0	-	1.933122
4	3	81.8	15	1304.0	1967.0	2.589161
5	3	93.2	6	1697.0	1441.0	2.937439
6	2	65.6	18	1161.0	-	3.992909
7	2	51.3	10	1760.0	-	4.179793
8	2	72.0	16	1060.0	-	4.787510
9	2	82.2	13	1697.0	-	5.669323
10	2	73.4	15	1507.0	-	6.328662
11	2	97.4	13	1508.0	-	7.272740
12	2	62.2	12	1677.0	-	7.507661
13	2	96.4	6	1003.0	-	8.403324
14	3	94.6	14	1062.0	1762.0	8.759826
15	2	56.7	16	1518.0	-	9.552565
16	2	74.4	14	1506.0	-	10.074481
17	3	73.4	11	1292.0	1355.0	11.261945
18	2	69.6	17	1896.0	-	11.846962

Table 63 - Long Sequence Waveform Trial#9 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	68.0	18	1291.0	1972.0	0.225522
2	1	68.8	17	-	-	1.310244
3	1	62.3	8	-	-	1.628357
4	2	62.3	9	1752.0	-	2.377184
5	1	77.7	17	-	-	3.464564
6	1	86.2	9	-	-	3.910598
7	2	68.1	19	1121.0	-	4.708105
8	3	63.8	13	1558.0	1394.0	5.400470
9	3	99.3	10	1087.0	1961.0	6.307608
10	2	80.8	15	1476.0	-	6.521929
11	2	91.2	17	1803.0	-	7.280122
12	2	91.2	14	1844.0	-	8.027790
13	2	74.7	7	1493.0	-	8.964606
14	2	56.4	7	1944.0	-	9.407281
15	2	77.5	6	1108.0	-	9.980785
16	3	85.2	13	1335.0	1443.0	11.087059
17	3	88.5	13	1597.0	1144.0	11.974300

Table 64 - Long Sequence Waveform Trial#10 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	84.5	14	1873.0	-	0.721028
2	1	91.3	7	-	-	1.126935
3	1	83.6	16	-	-	1.612959
4	2	81.4	12	1946.0	-	2.915525
5	3	52.1	13	1293.0	1574.0	3.695705
6	3	79.6	19	1285.0	1202.0	4.271228
7	2	52.5	15	1098.0	-	5.180443
8	1	58.4	8	-	-	6.347923
9	1	89.3	20	-	-	7.181255
10	1	70.5	8	-	-	7.736661
11	2	73.5	18	1029.0	-	8.567251
12	2	95.1	16	1466.0	-	9.592340
13	2	63.8	19	1870.0	-	9.669339
14	2	92.3	17	1345.0	-	11.050879
15	2	63.0	7	1859.0	-	11.981986

Table 65 - Long Sequence Waveform Trial#11 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	87.8	18	-	-	0.133644
2	1	65.0	16	-	-	0.790562
3	2	72.8	11	1843.0	-	1.742457
4	2	98.7	10	1616.0	-	1.923446
5	2	85.8	17	1155.0	-	2.767415
6	3	77.9	17	1596.0	1031.0	3.280463
7	2	55.8	9	1569.0	-	4.175728
8	2	83.1	14	1194.0	-	4.788864
9	1	51.1	9	-	-	5.177061
10	2	67.7	15	1998.0	-	5.583036
11	2	76.8	17	1853.0	-	6.443470
12	2	76.7	15	1660.0	-	6.680133
13	2	83.0	9	1707.0	-	7.302880
14	2	68.1	13	1151.0	-	8.125794
15	2	70.0	17	1335.0	-	8.894394
16	2	65.4	16	1107.0	-	9.342074
17	2	62.9	12	1781.0	-	10.193682
18	3	89.6	11	1705.0	1734.0	10.405152
19	2	85.1	7	1157.0	-	10.858448
20	1	50.5	9	-	-	11.983140

Table 66 - Long Sequence Waveform Trial#12 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.6	20	1323.0	-	0.974353
2	1	92.3	6	-	-	1.940492
3	1	89.1	9	-	-	2.650575
4	2	55.8	19	1065.0	-	3.555164
5	1	95.1	14	-	-	4.674277
6	3	65.9	14	1578.0	1563.0	5.567417
7	2	91.4	16	1853.0	-	7.023216
8	2	74.0	11	1859.0	-	8.572508
9	2	64.6	17	1849.0	-	9.780604
10	2	87.7	15	1639.0	-	10.249199
11	2	51.4	14	1320.0	-	11.689987

Table 67 - Long Sequence Waveform Trial#13 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.8	6	1644.0	-	0.325942
2	2	74.6	12	1392.0	-	1.342591
3	2	91.4	17	1626.0	-	1.798270
4	2	95.0	11	1152.0	-	2.660169
5	2	58.6	6	1489.0	-	3.612304
6	3	90.5	16	1580.0	1299.0	4.231219
7	2	88.8	10	1596.0	-	5.117716
8	2	77.0	17	1542.0	-	5.910007
9	3	98.5	18	1238.0	1286.0	6.057876
10	1	63.8	8	-	-	7.455342
11	1	68.2	8	-	-	7.959176
12	2	61.8	17	1364.0	-	8.401821
13	1	55.3	15	-	-	9.001146
14	2	77.7	12	1115.0	-	9.907886
15	3	69.5	6	1813.0	1440.0	10.841270
16	3	98.2	20	1544.0	1892.0	11.674751

Table 68 - Long Sequence Waveform Trial#14 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.6	9	1401.0	-	0.416649
2	3	59.0	12	1250.0	1421.0	1.145748
3	3	59.1	15	1909.0	1986.0	2.603617
4	1	75.6	19	-	-	3.683546
5	2	77.7	12	1467.0	-	4.702585
6	1	85.0	7	-	-	5.346173
7	3	96.1	7	1960.0	1576.0	6.287508
8	1	67.3	8	-	-	7.789942
9	1	90.6	8	-	-	8.324537
10	3	85.9	11	1160.0	1658.0	9.145306
11	2	93.8	14	1679.0	-	10.164190
12	2	50.1	7	1674.0	-	11.523248

Table 69 - Long Sequence Waveform Trial#15 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	99.6	6	-	-	0.494541
2	2	80.2	16	1131.0	-	1.137749
3	3	77.8	5	1820.0	1420.0	1.806883
4	2	89.5	13	1862.0	-	2.222853
5	3	94.0	15	1993.0	1928.0	2.747003
6	3	70.9	18	1110.0	1437.0	3.731428
7	2	67.8	16	1504.0	-	4.273816
8	1	86.6	16	-	-	4.957457
9	3	80.0	12	1336.0	1852.0	5.611397
10	3	59.9	8	1166.0	1680.0	5.956619
11	3	85.9	14	1983.0	1142.0	6.840231
12	2	100.0	11	1635.0	-	7.570302
13	2	57.9	12	1142.0	-	8.156041
14	2	60.2	8	1942.0	-	8.257554
15	2	100.0	19	1404.0	-	9.313247
16	2	72.3	11	1213.0	-	9.822562
17	3	80.7	10	1415.0	1310.0	10.287755
18	1	65.8	11	-	-	10.806745
19	3	87.2	15	1180.0	1376.0	11.848119

Table 70 - Long Sequence Waveform Trial#16 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	66.3	14	1796.0	1519.0	0.797564
2	2	96.5	12	1125.0	-	1.822358
3	1	99.0	18	-	-	2.522211
4	1	57.3	18	-	-	3.498031
5	3	88.5	8	1283.0	1436.0	4.233820
6	2	78.0	9	1932.0	-	4.867491
7	2	82.7	12	1989.0	-	5.657206
8	2	97.9	13	1881.0	-	6.937981
9	2	62.4	8	1670.0	-	7.417867
10	3	61.1	13	1893.0	1422.0	8.352115
11	3	95.3	15	1310.0	1203.0	9.991724
12	1	66.2	18	-	-	10.407061
13	2	77.3	8	1356.0	-	11.490447

Table 71 - Long Sequence Waveform Trial#17 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	75.1	13	1733.0	1702.0	0.423171
2	1	97.6	12	-	-	0.751301
3	2	58.8	17	1741.0	-	1.795368
4	2	89.2	7	1504.0	-	2.159072
5	2	64.9	18	1488.0	-	2.693485
6	2	87.6	7	1889.0	-	3.036401
7	3	72.6	18	1207.0	1006.0	4.139893
8	3	56.1	15	1036.0	1348.0	4.342457
9	3	62.4	9	1719.0	1779.0	5.235424
10	1	53.7	17	-	-	5.946414
11	3	52.4	14	1660.0	1136.0	6.190993
12	2	63.8	12	1624.0	-	7.090568
13	1	98.2	8	-	-	7.420624
14	2	83.3	8	1980.0	-	8.394266
15	2	88.9	19	1137.0	-	8.685970
16	3	65.6	15	1351.0	1299.0	9.436377
17	3	73.5	20	1434.0	1022.0	10.123049
18	2	84.8	7	1779.0	-	10.751822
19	1	75.1	7	-	-	10.875136
20	2	88.2	20	1271.0	-	11.914314

Table 72 - Long Sequence Waveform Trial#18 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.5	14	1581.0	-	0.641172
2	2	92.7	20	1593.0	-	1.111758
3	3	88.9	9	1413.0	1165.0	1.811628
4	1	65.7	8	-	-	2.681691
5	3	82.0	9	1933.0	1122.0	3.481514
6	1	62.5	9	-	-	3.893264
7	3	61.4	18	1134.0	1513.0	5.023900
8	2	82.9	17	1449.0	-	5.620566
9	3	52.0	9	1172.0	1037.0	6.610325
10	2	78.7	16	1572.0	-	7.325518
11	2	89.1	13	1183.0	-	7.985821
12	2	77.4	10	1584.0	-	8.758988
13	3	59.1	13	1971.0	1783.0	9.111193
14	3	73.7	8	1934.0	1723.0	9.860452
15	2	75.1	8	1271.0	-	10.928309
16	2	57.7	9	1415.0	-	11.726004

Table 73 - Long Sequence Waveform Trial#19 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	90.6	7	-	-	0.741511
2	2	64.3	16	1716.0	-	1.577327
3	2	65.2	15	1465.0	-	3.313669
4	2	87.2	9	1891.0	-	3.943654
5	1	94.4	8	-	-	5.974023
6	2	91.5	17	1118.0	-	6.907794
7	1	73.9	14	-	-	7.275912
8	2	66.1	5	1200.0	-	8.595467
9	3	66.9	14	1836.0	1773.0	10.612472
10	2	62.7	15	1333.0	-	10.839324

Table 74 - Long Sequence Waveform Trial#20 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	88.0	9	1896.0	1339.0	0.252944
2	1	98.5	12	-	-	1.468781
3	2	52.0	8	1844.0	-	2.232455
4	3	55.1	9	1101.0	1552.0	3.249361
5	2	81.6	18	1425.0	-	4.279993
6	3	68.6	18	1184.0	1680.0	5.470487
7	2	50.6	7	1616.0	-	6.309949
8	1	90.8	7	-	-	7.805470
9	2	51.0	7	1213.0	-	8.453251
10	2	63.3	15	1405.0	-	9.925437
11	3	73.7	20	1091.0	1212.0	10.254033
12	2	51.1	16	1975.0	-	11.775029

Table 75 - Long Sequence Waveform Trial#21 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	76.4	13	1161.0	1178.0	0.589903
2	3	51.4	8	1367.0	1825.0	0.934063
3	3	80.3	12	1492.0	1047.0	2.372276
4	2	60.3	9	1358.0	-	3.024440
5	2	87.9	15	1196.0	-	3.584913
6	2	60.6	19	1583.0	-	5.102194
7	3	74.3	13	1128.0	1253.0	5.961083
8	3	61.7	9	1373.0	1712.0	6.344728
9	2	78.9	15	1532.0	-	6.870774
10	1	89.7	20	-	-	8.003157
11	3	79.2	18	1227.0	1706.0	8.639027
12	1	75.5	19	-	-	9.460066
13	1	72.8	15	-	-	10.305235
14	2	59.4	10	1721.0	-	11.587258

Table 76 - Long Sequence Waveform Trial#22 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.2	12	1731.0	1807.0	0.699632
2	3	60.0	7	1473.0	1751.0	1.379420
3	2	93.2	12	1003.0	-	1.823504
4	2	54.6	6	1451.0	-	2.820029
5	2	92.0	17	1483.0	-	3.384549
6	2	67.9	10	1628.0	-	3.849477
7	1	54.8	18	-	-	4.626576
8	2	67.8	8	1296.0	-	5.318349
9	1	81.6	10	-	-	5.693023
10	2	64.3	13	1278.0	-	6.747568
11	2	62.2	9	1031.0	-	7.135126
12	2	91.3	10	1394.0	-	8.355709
13	2	50.5	14	1160.0	-	9.155374
14	2	67.1	9	1822.0	-	9.700847
15	1	74.8	19	-	-	10.028313
16	1	54.6	12	-	-	11.203232
17	1	69.8	14	-	-	11.813677

Table 77 - Long Sequence Waveform Trial#23 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.4	9	1970.0	-	0.414581
2	2	73.0	5	1917.0	-	1.544545
3	3	83.4	5	1123.0	1269.0	1.964881
4	3	65.9	10	1977.0	1846.0	3.225372
5	2	76.5	13	1546.0	-	4.160228
6	2	88.5	19	1342.0	-	4.291701
7	2	93.0	16	1839.0	-	5.309632
8	2	97.9	14	1933.0	-	6.406443
9	3	80.8	8	1543.0	1389.0	7.224225
10	2	69.3	17	1220.0	-	7.744821
11	2	53.5	13	1480.0	-	9.060127
12	2	90.1	9	1498.0	-	10.242267
13	2	87.2	15	1555.0	-	10.334774
14	2	55.8	19	1940.0	-	11.826318

Table 78 - Long Sequence Waveform Trial#24 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	52.8	14	1702.0	-	0.906983
2	3	85.3	12	1284.0	1635.0	1.031270
3	1	63.3	8	-	-	2.570080
4	2	71.2	18	1668.0	-	3.011977
5	1	70.5	10	-	-	3.757449
6	2	91.3	5	1814.0	-	5.119681
7	1	88.6	7	-	-	5.917452
8	2	65.2	17	1779.0	-	7.127946
9	3	86.2	12	1788.0	1636.0	7.487151
10	3	64.4	7	1737.0	1531.0	8.670572
11	1	68.9	20	-	-	9.341720
12	2	79.5	19	1525.0	-	10.175358
13	2	82.6	7	1934.0	-	11.088585

Table 79 - Long Sequence Waveform Trial#25 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	95.9	6	-	-	0.045807
2	2	55.9	16	1103.0	-	1.353153
3	3	87.3	11	1164.0	1033.0	1.483363
4	1	73.2	12	-	-	2.538357
5	1	78.9	11	-	-	2.908066
6	3	58.5	15	1399.0	1768.0	3.617330
7	1	68.9	12	-	-	4.259902
8	1	98.3	5	-	-	5.246480
9	2	51.9	18	1534.0	-	5.922815
10	3	94.7	16	1068.0	1901.0	6.734529
11	2	86.7	13	1444.0	-	7.529079
12	2	55.6	7	1756.0	-	7.928084
13	2	96.4	10	1789.0	-	8.870937
14	2	76.3	10	1554.0	-	9.315058
15	2	72.9	12	1657.0	-	10.547735
16	2	61.8	15	1161.0	-	10.903284
17	2	94.8	15	1560.0	-	11.378137

Table 80 - Long Sequence Waveform Trial#26 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.4	18	1135.0	-	0.792596
2	2	77.8	8	1451.0	-	1.339967
3	2	69.6	8	1267.0	-	2.175695
4	1	73.9	14	-	-	2.431469
5	3	63.8	14	1245.0	1218.0	3.339787
6	2	85.7	14	1869.0	-	4.007807
7	3	94.1	12	1575.0	1255.0	5.308601
8	2	57.1	10	1666.0	-	6.246367
9	3	77.0	10	1118.0	1563.0	6.919049
10	3	65.6	10	1367.0	1426.0	7.207869
11	2	79.3	12	1066.0	-	8.524258
12	3	92.6	13	1034.0	1913.0	9.070530
13	2	68.7	12	1737.0	-	9.812746
14	2	61.5	10	1724.0	-	10.891901
15	2	63.5	12	1658.0	-	11.274843

Table 81 - Long Sequence Waveform Trial#27 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	64.5	8	1495.0	1297.0	0.875577
2	1	95.5	19	-	-	1.184085
3	3	70.6	9	1200.0	1664.0	2.323229
4	2	83.3	11	1234.0	-	3.109415
5	2	91.2	16	1711.0	-	4.488904
6	2	78.5	6	1973.0	-	4.856590
7	2	91.5	17	1064.0	-	6.394883
8	1	89.9	10	-	-	7.011045
9	2	83.2	11	1039.0	-	7.661282
10	2	61.5	7	1275.0	-	8.682020
11	2	85.4	18	1953.0	-	9.248211
12	2	85.2	16	1671.0	-	10.260868
13	2	79.3	14	1834.0	-	11.302585

Table 82 - Long Sequence Waveform Trial#28 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.7	10	1212.0	1275.0	0.959859
2	1	56.0	15	-	-	2.130744
3	2	88.9	17	1232.0	-	3.613947
4	1	90.0	7	-	-	4.397247
5	3	85.8	13	1935.0	1201.0	6.626710
6	3	54.4	18	1069.0	1865.0	7.149760
7	1	84.9	20	-	-	8.887845
8	3	98.5	18	1494.0	1983.0	10.208410
9	3	93.8	14	1106.0	1676.0	10.749573

Table 83 - Long Sequence Waveform Trial#29 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	86.0	15	-	-	0.340597
2	2	86.2	20	1428.0	-	2.094693
3	3	59.6	12	1331.0	1488.0	3.030819
4	2	62.2	11	1115.0	-	3.989915
5	3	62.5	13	1122.0	1765.0	4.556426
6	1	99.1	10	-	-	6.077025
7	1	54.0	17	-	-	7.625726
8	3	64.6	8	1887.0	1114.0	8.196274
9	3	71.4	16	1619.0	1108.0	9.345632
10	1	99.9	12	-	-	10.503127
11	3	67.2	6	1384.0	1424.0	11.622439

Table 84 - Long Sequence Waveform Trial#30 (Detected) 40MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	83.5	9	-	-	0.325000
2	1	64.1	14	-	-	1.062094
3	1	68.0	9	-	-	1.619284
4	2	99.2	5	1130.0	-	2.504404
5	2	93.1	11	1231.0	-	3.061455
6	2	77.9	13	1144.0	-	4.373159
7	2	77.5	13	1171.0	-	5.061265
8	3	55.6	7	1133.0	1730.0	5.986009
9	1	74.4	6	-	-	6.334580
10	2	89.7	7	1379.0	-	6.956531
11	2	90.3	7	1081.0	-	7.686575
12	3	75.3	19	1768.0	1411.0	8.438472
13	2	51.1	11	1434.0	-	9.078451
14	2	95.8	12	1112.0	-	9.929761
15	2	87.5	6	1134.0	-	10.633456
16	3	75.5	20	1167.0	1304.0	11.920893

Measured 99% bandwidth (from RF test report) for 802.11ac 80MHz: 75.4MHz

Table 85 - Detection Bandwidth Measurements (Bandwidth: +40MHz /-40MHz) 802.11ac 80MHz					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5489.00 MHz	0	2	0
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5490.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5491.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5492.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5493.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5494.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5500.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5505.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5510.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5515.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5520.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5525.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5530.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5535.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5540.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5545.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5550.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5555.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5560.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5565.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5566.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5567.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5568.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5569.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5570.00 MHz	10	0	100
5530.00 MHz	FCC Short Pulse Radar (Type 0)	5571.00 MHz	0	2	0

Table 86 - Summary of All Results 802.11ac 80MHz				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	83.3 %	60.0 %	30	PASSED
Aggregate of above results	93.3 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	81	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED

Table 87 - FCC Short Pulse Radar (Type 1A) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	81	1.0	658.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	89	1.0	598.0	Yes	5525.0MHz, -64.0dBm	Single burst
3	61	1.0	878.0	Yes	5520.0MHz, -64.0dBm	Single burst
4	83	1.0	638.0	Yes	5515.0MHz, -64.0dBm	Single burst
5	78	1.0	678.0	Yes	5510.0MHz, -64.0dBm	Single burst
6	58	1.0	918.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	95	1.0	558.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	74	1.0	718.0	Yes	5560.0MHz, -64.0dBm	Single burst
9	92	1.0	578.0	Yes	5555.0MHz, -64.0dBm	Single burst
10	68	1.0	778.0	Yes	5550.0MHz, -64.0dBm	Single burst
11	99	1.0	538.0	Yes	5545.0MHz, -64.0dBm	Single burst
12	76	1.0	698.0	Yes	5540.0MHz, -64.0dBm	Single burst
13	62	1.0	858.0	Yes	5535.0MHz, -64.0dBm	Single burst
14	65	1.0	818.0	Yes	5530.0MHz, -64.0dBm	Single burst
15	86	1.0	618.0	Yes	5525.0MHz, -64.0dBm	Single burst

Table 88 - FCC Short Pulse Radar (Type 1B) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	48	1.0	1120.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	100	1.0	532.0	Yes	5525.0MHz, -64.0dBm	Single burst
3	20	1.0	2733.0	Yes	5520.0MHz, -64.0dBm	Single burst
4	20	1.0	2767.0	Yes	5515.0MHz, -64.0dBm	Single burst
5	19	1.0	2837.0	Yes	5510.0MHz, -64.0dBm	Single burst
6	19	1.0	2908.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	26	1.0	2041.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	85	1.0	625.0	Yes	5560.0MHz, -64.0dBm	Single burst
9	20	1.0	2678.0	Yes	5555.0MHz, -64.0dBm	Single burst
10	26	1.0	2062.0	Yes	5550.0MHz, -64.0dBm	Single burst
11	25	1.0	2192.0	Yes	5545.0MHz, -64.0dBm	Single burst
12	84	1.0	631.0	Yes	5540.0MHz, -64.0dBm	Single burst
13	52	1.0	1017.0	Yes	5535.0MHz, -64.0dBm	Single burst
14	57	1.0	942.0	Yes	5530.0MHz, -64.0dBm	Single burst
15	26	1.0	2055.0	Yes	5525.0MHz, -64.0dBm	Single burst

Table 89 - FCC Short Pulse Radar (Type 2) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	23	2.3	153.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	26	3.3	219.0	Yes	5525.0MHz, -64.0dBm	Single burst
3	27	2.7	208.0	Yes	5520.0MHz, -64.0dBm	Single burst
4	28	2.7	221.0	Yes	5515.0MHz, -64.0dBm	Single burst
5	28	2.9	168.0	Yes	5510.0MHz, -64.0dBm	Single burst
6	29	2.8	169.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	29	4.5	201.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	23	1.7	195.0	Yes	5560.0MHz, -64.0dBm	Single burst
9	28	3.9	165.0	Yes	5555.0MHz, -64.0dBm	Single burst
10	28	4.1	190.0	Yes	5550.0MHz, -64.0dBm	Single burst
11	23	2.8	165.0	Yes	5545.0MHz, -64.0dBm	Single burst
12	26	3.2	159.0	Yes	5540.0MHz, -64.0dBm	Single burst
13	29	2.0	211.0	Yes	5535.0MHz, -64.0dBm	Single burst
14	27	1.8	229.0	Yes	5530.0MHz, -64.0dBm	Single burst
15	25	1.1	214.0	Yes	5525.0MHz, -64.0dBm	Single burst
16	23	1.3	153.0	Yes	5520.0MHz, -64.0dBm	Single burst
17	27	3.7	184.0	Yes	5515.0MHz, -64.0dBm	Single burst
18	29	3.2	198.0	Yes	5510.0MHz, -64.0dBm	Single burst
19	27	1.1	217.0	Yes	5505.0MHz, -64.0dBm	Single burst
20	26	2.1	181.0	Yes	5500.0MHz, -64.0dBm	Single burst
21	27	3.1	227.0	Yes	5560.0MHz, -64.0dBm	Single burst
22	27	3.3	203.0	Yes	5555.0MHz, -64.0dBm	Single burst
23	25	2.9	152.0	Yes	5550.0MHz, -64.0dBm	Single burst
24	26	3.8	184.0	Yes	5545.0MHz, -64.0dBm	Single burst
25	28	3.0	153.0	Yes	5540.0MHz, -64.0dBm	Single burst
26	27	2.3	200.0	No	5535.0MHz, -64.0dBm	Single burst
27	23	3.5	163.0	Yes	5530.0MHz, -64.0dBm	Single burst
28	24	3.6	179.0	Yes	5525.0MHz, -64.0dBm	Single burst
29	25	1.9	170.0	Yes	5520.0MHz, -64.0dBm	Single burst
30	27	1.1	174.0	Yes	5515.0MHz, -64.0dBm	Single burst

Table 90 - FCC Short Pulse Radar (Type 3) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	6.9	411.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	18	8.7	497.0	Yes	5525.0MHz, -64.0dBm	Single burst
3	17	6.2	205.0	Yes	5520.0MHz, -64.0dBm	Single burst
4	17	6.9	371.0	No	5515.0MHz, -64.0dBm	Single burst
5	17	8.8	311.0	Yes	5510.0MHz, -64.0dBm	Single burst
6	18	6.7	419.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	17	7.3	447.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	17	7.8	300.0	Yes	5560.0MHz, -64.0dBm	Single burst
9	18	6.8	450.0	Yes	5555.0MHz, -64.0dBm	Single burst
10	18	7.1	331.0	Yes	5550.0MHz, -64.0dBm	Single burst
11	16	6.4	374.0	Yes	5545.0MHz, -64.0dBm	Single burst
12	18	9.3	474.0	Yes	5540.0MHz, -64.0dBm	Single burst
13	16	9.0	323.0	Yes	5535.0MHz, -64.0dBm	Single burst
14	17	8.1	404.0	Yes	5530.0MHz, -64.0dBm	Single burst
15	17	7.4	407.0	Yes	5525.0MHz, -64.0dBm	Single burst
16	17	9.1	413.0	No	5520.0MHz, -64.0dBm	Single burst
17	17	9.3	485.0	Yes	5515.0MHz, -64.0dBm	Single burst
18	17	6.4	468.0	Yes	5510.0MHz, -64.0dBm	Single burst
19	17	9.7	328.0	Yes	5505.0MHz, -64.0dBm	Single burst
20	17	6.5	263.0	Yes	5500.0MHz, -64.0dBm	Single burst
21	17	7.1	226.0	Yes	5560.0MHz, -64.0dBm	Single burst
22	16	8.2	268.0	Yes	5555.0MHz, -64.0dBm	Single burst
23	16	8.7	478.0	Yes	5550.0MHz, -64.0dBm	Single burst
24	17	6.4	464.0	Yes	5545.0MHz, -64.0dBm	Single burst
25	17	9.9	336.0	Yes	5540.0MHz, -64.0dBm	Single burst
26	18	8.2	425.0	Yes	5535.0MHz, -64.0dBm	Single burst
27	17	7.7	359.0	Yes	5530.0MHz, -64.0dBm	Single burst
28	16	8.4	208.0	Yes	5525.0MHz, -64.0dBm	Single burst
29	16	6.5	221.0	Yes	5520.0MHz, -64.0dBm	Single burst
30	16	7.8	222.0	Yes	5515.0MHz, -64.0dBm	Single burst

Table 91 - FCC Short Pulse Radar (Type 4) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	12	14.2	443.0	Yes	5530.0MHz, -64.0dBm	Single burst
2	14	19.9	355.0	Yes	5525.0MHz, -64.0dBm	Single burst
3	14	13.3	207.0	Yes	5520.0MHz, -64.0dBm	Single burst
4	15	14.3	353.0	Yes	5515.0MHz, -64.0dBm	Single burst
5	16	19.1	266.0	Yes	5510.0MHz, -64.0dBm	Single burst
6	16	18.8	482.0	Yes	5505.0MHz, -64.0dBm	Single burst
7	13	18.0	412.0	Yes	5500.0MHz, -64.0dBm	Single burst
8	12	12.0	466.0	Yes	5560.0MHz, -64.0dBm	Single burst
9	15	19.2	326.0	Yes	5555.0MHz, -64.0dBm	Single burst
10	13	19.1	291.0	Yes	5550.0MHz, -64.0dBm	Single burst
11	15	16.5	434.0	Yes	5545.0MHz, -64.0dBm	Single burst
12	14	17.6	295.0	Yes	5540.0MHz, -64.0dBm	Single burst
13	14	18.1	406.0	Yes	5535.0MHz, -64.0dBm	Single burst
14	15	17.2	217.0	No	5530.0MHz, -64.0dBm	Single burst
15	14	19.7	307.0	Yes	5525.0MHz, -64.0dBm	Single burst
16	16	11.6	329.0	Yes	5520.0MHz, -64.0dBm	Single burst
17	14	17.2	345.0	Yes	5515.0MHz, -64.0dBm	Single burst
18	13	13.1	445.0	Yes	5510.0MHz, -64.0dBm	Single burst
19	14	13.2	217.0	Yes	5505.0MHz, -64.0dBm	Single burst
20	12	14.4	328.0	Yes	5500.0MHz, -64.0dBm	Single burst
21	14	13.8	267.0	No	5560.0MHz, -64.0dBm	Single burst
22	14	17.2	459.0	Yes	5555.0MHz, -64.0dBm	Single burst
23	15	14.6	379.0	Yes	5550.0MHz, -64.0dBm	Single burst
24	16	16.7	372.0	Yes	5545.0MHz, -64.0dBm	Single burst
25	16	17.1	373.0	No	5540.0MHz, -64.0dBm	Single burst
26	14	13.5	242.0	Yes	5535.0MHz, -64.0dBm	Single burst
27	16	19.9	335.0	No	5530.0MHz, -64.0dBm	Single burst
28	12	19.1	429.0	Yes	5525.0MHz, -64.0dBm	Single burst
29	15	16.0	274.0	Yes	5520.0MHz, -64.0dBm	Single burst
30	13	11.7	240.0	No	5515.0MHz, -64.0dBm	Single burst

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5569.0MHz, -64.0dBm	Hop sequence: 5692, 5354, 5312, 5474, 5537, 5376, 5502, 5493, 5476, 5324, 5611, 5498, 5550, 5564, 5505, 5419, 5386, 5712, 5546, 5384, 5256, 5345, 5694, 5565, 5351, 5490, 5452, 5654, 5356, 5455, 5429, 5389, 5448, 5523, 5456, 5257, 5255, 5682, 5604, 5377, 5336, 5624, 5610, 5638, 5678, 5630, 5379, 5409, 5286, 5453, 5695, 5371, 5582, 5268, 5381, 5715, 5269, 5390, 5263, 5688, 5340, 5721, 5570, 5344, 5603, 5305, 5457, 5294, 5370, 5436, 5251, 5355, 5713, 5507, 5264, 5633, 5401, 5524, 5559, 5601, 5352, 5533, 5552, 5501, 5480, 5421, 5265, 5684, 5297, 5258, 5364, 5605, 5317, 5331, 5598, 5583, 5508, 5407, 5544, 5725 (20 hits)
2	9	1.0	333.0	Yes	5570.0MHz, -64.0dBm	Hop sequence: 5380, 5331, 5551, 5608, 5473, 5340, 5482, 5698, 5596, 5447, 5578, 5302, 5538, 5648, 5381, 5450, 5477, 5411, 5496, 5720, 5671, 5703, 5352, 5712, 5387, 5254, 5472, 5309, 5581, 5610, 5326, 5672, 5619, 5623, 5346, 5273, 5355, 5320, 5281, 5311, 5425, 5674, 5428, 5717, 5402, 5658, 5398, 5316, 5389, 5415, 5626, 5494, 5310, 5513, 5466, 5433, 5695, 5313, 5636, 5407, 5590, 5541, 5471, 5434, 5650, 5295, 5292, 5575, 5421, 5345, 5602, 5601, 5520, 5664, 5467, 5666, 5334, 5322, 5297, 5412, 5413, 5377, 5721, 5627, 5605, 5489, 5688, 5420, 5422, 5604, 5359, 5649, 5714, 5711, 5514, 5621, 5464, 5724, 5540, 5373 (9 hits)
3	9	1.0	333.0	Yes	5490.0MHz, -64.0dBm	Hop sequence: 5557, 5434, 5378, 5384, 5371, 5662, 5540, 5532, 5252, 5462, 5631, 5587, 5720, 5678, 5256, 5686, 5638, 5344, 5696, 5464, 5310, 5307, 5431, 5584, 5543, 5705, 5461, 5526, 5338, 5610, 5377, 5588, 5359, 5522, 5525, 5448, 5299, 5283, 5329, 5297, 5643, 5622, 5697, 5303, 5388, 5519, 5596, 5669, 5685, 5417, 5337, 5489, 5478, 5529, 5368, 5660, 5579, 5646, 5320, 5382, 5628, 5412, 5352, 5326, 5456, 5450, 5255, 5563, 5556, 5475, 5512, 5600, 5336, 5375, 5373, 5611, 5497, 5472, 5619, 5451, 5517, 5639, 5420, 5537, 5558, 5683, 5666, 5414, 5498, 5258, 5716, 5441, 5612, 5309, 5641, 5692, 5691, 5536, 5394, 5411 (18 hits)
4	9	1.0	333.0	Yes	5491.0MHz, -64.0dBm	Hop sequence: 5699, 5719, 5712, 5686, 5505, 5312, 5414, 5419, 5524, 5708, 5654, 5629, 5410, 5450, 5325, 5275, 5561, 5573, 5458, 5548, 5613, 5379, 5664, 5687, 5270, 5434, 5592, 5440, 5411, 5327, 5515, 5437, 5707, 5329, 5384, 5543, 5582, 5298, 5346, 5668, 5631, 5638, 5276, 5261, 5365, 5470, 5503, 5655, 5647, 5283, 5590, 5262, 5396, 5697, 5652, 5677, 5674, 5700, 5351, 5305, 5591, 5717, 5456, 5316, 5508, 5342, 5471, 5681, 5297, 5500, 5293, 5649, 5464, 5702, 5583, 5626, 5521, 5268, 5361, 5252, 5663, 5579, 5552, 5504, 5718, 5438, 5330, 5353, 5502, 5633, 5478, 5558, 5612, 5480, 5646, 5359, 5689, 5698, 5642, 5406 (14 hits)
5	9	1.0	333.0	Yes	5492.0MHz, -64.0dBm	Hop sequence: 5624, 5702, 5514, 5464, 5721, 5276, 5703, 5692, 5534, 5579, 5559, 5704, 5402, 5364, 5312, 5599, 5501, 5475, 5346, 5342, 5327, 5417, 5488, 5450, 5275, 5538, 5386, 5539, 5672, 5337, 5461, 5363, 5554, 5561, 5670, 5585, 5605, 5293, 5723, 5496, 5694, 5553, 5478, 5291, 5439, 5258, 5414, 5495, 5272, 5447, 5487, 5289, 5420, 5470, 5693, 5365, 5541, 5711, 5533, 5507, 5446, 5404, 5617, 5506, 5640, 5269, 5516, 5537, 5325, 5652, 5583, 5590, 5436, 5609, 5338, 5433, 5296, 5527, 5473, 5603, 5551, 5362, 5547, 5611, 5705, 5361, 5333, 5660, 5254, 5399, 5570, 5424, 5380,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5358, 5396, 5659, 5509, 5368, 5382, 5290 (22 hits)
6	9	1.0	333.0	Yes	5493.0MHz, -64.0dBm	Hop sequence: 5373, 5703, 5294, 5574, 5421, 5544, 5547, 5480, 5657, 5347, 5385, 5642, 5557, 5622, 5476, 5382, 5315, 5395, 5400, 5481, 5518, 5333, 5384, 5514, 5695, 5549, 5388, 5364, 5261, 5697, 5279, 5381, 5709, 5719, 5267, 5550, 5371, 5430, 5269, 5528, 5686, 5277, 5589, 5396, 5317, 5324, 5282, 5330, 5698, 5644, 5569, 5351, 5443, 5399, 5725, 5427, 5683, 5624, 5599, 5501, 5724, 5470, 5630, 5349, 5506, 5610, 5377, 5562, 5712, 5429, 5454, 5585, 5561, 5662, 5360, 5519, 5391, 5525, 5450, 5656, 5673, 5270, 5581, 5529, 5410, 5540, 5362, 5705, 5536, 5533, 5272, 5312, 5448, 5511, 5336, 5639, 5266, 5710, 5490, 5393 (21 hits)
7	9	1.0	333.0	Yes	5494.0MHz, -64.0dBm	Hop sequence: 5664, 5328, 5688, 5572, 5461, 5284, 5430, 5501, 5576, 5304, 5387, 5566, 5617, 5611, 5618, 5660, 5331, 5425, 5364, 5309, 5356, 5300, 5308, 5569, 5616, 5334, 5568, 5403, 5678, 5375, 5436, 5586, 5549, 5589, 5456, 5352, 5558, 5634, 5635, 5446, 5695, 5513, 5406, 5486, 5601, 5523, 5319, 5422, 5432, 5548, 5562, 5685, 5277, 5327, 5721, 5302, 5642, 5503, 5702, 5357, 5680, 5287, 5547, 5391, 5606, 5692, 5655, 5647, 5693, 5472, 5542, 5596, 5636, 5438, 5712, 5279, 5710, 5563, 5489, 5306, 5291, 5537, 5539, 5320, 5639, 5631, 5483, 5507, 5613, 5276, 5603, 5650, 5621, 5609, 5374, 5340, 5544, 5437, 5627, 5386 (18 hits)
8	9	1.0	333.0	Yes	5495.0MHz, -64.0dBm	Hop sequence: 5517, 5342, 5392, 5419, 5482, 5527, 5315, 5358, 5714, 5533, 5491, 5720, 5404, 5458, 5319, 5582, 5565, 5432, 5673, 5637, 5455, 5524, 5275, 5576, 5283, 5388, 5291, 5620, 5368, 5252, 5326, 5258, 5371, 5294, 5564, 5626, 5516, 5523, 5641, 5507, 5282, 5339, 5383, 5534, 5708, 5461, 5561, 5486, 5349, 5640, 5330, 5469, 5635, 5332, 5615, 5697, 5494, 5712, 5398, 5379, 5260, 5679, 5367, 5457, 5593, 5400, 5675, 5657, 5522, 5717, 5447, 5444, 5495, 5323, 5284, 5304, 5273, 5595, 5617, 5538, 5611, 5350, 5719, 5664, 5324, 5375, 5667, 5692, 5685, 5599, 5337, 5452, 5687, 5549, 5286, 5261, 5251, 5651, 5408, 5627 (17 hits)
9	9	1.0	333.0	Yes	5496.0MHz, -64.0dBm	Hop sequence: 5437, 5503, 5391, 5559, 5371, 5345, 5497, 5543, 5360, 5406, 5645, 5399, 5440, 5421, 5662, 5275, 5450, 5261, 5367, 5640, 5646, 5419, 5293, 5397, 5430, 5658, 5377, 5676, 5487, 5316, 5530, 5308, 5718, 5468, 5323, 5318, 5611, 5599, 5701, 5535, 5285, 5567, 5277, 5253, 5278, 5297, 5586, 5716, 5433, 5411, 5295, 5436, 5359, 5418, 5504, 5699, 5689, 5282, 5581, 5634, 5720, 5452, 5258, 5591, 5456, 5648, 5464, 5612, 5294, 5661, 5451, 5470, 5299, 5304, 5265, 5340, 5475, 5652, 5604, 5434, 5488, 5506, 5432, 5575, 5439, 5381, 5376, 5319, 5458, 5726, 5524, 5453, 5326, 5423, 5704, 5541, 5251, 5490, 5569, 5706 (13 hits)
10	9	1.0	333.0	Yes	5497.0MHz, -64.0dBm	Hop sequence: 5521, 5380, 5609, 5569, 5591, 5571, 5606, 5508, 5373, 5281, 5554, 5680, 5506, 5682, 5284, 5315, 5539, 5426, 5438, 5333, 5317, 5448, 5665, 5497, 5629, 5552, 5691, 5323, 5415, 5378, 5274, 5524, 5502, 5482, 5693, 5446, 5288, 5690, 5711, 5449, 5557, 5592, 5463, 5562, 5277, 5694, 5340, 5421, 5708, 5516, 5486, 5723, 5688, 5572, 5332, 5399, 5620, 5638, 5427, 5564, 5718, 5318, 5322, 5685, 5599, 5681, 5390, 5668, 5614, 5443, 5278, 5531, 5637, 5656, 5377, 5388, 5458,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5265, 5259, 5538, 5675, 5541, 5692, 5342, 5578, 5625, 5597, 5704, 5686, 5566, 5650, 5455, 5489, 5453, 5375, 5454, 5664, 5534, 5339, 5369 (19 hits)
11	9	1.0	333.0	Yes	5498.0MHz, -64.0dBm	Hop sequence: 5294, 5605, 5538, 5635, 5672, 5263, 5291, 5321, 5506, 5256, 5412, 5404, 5687, 5465, 5689, 5526, 5441, 5315, 5326, 5335, 5460, 5701, 5580, 5583, 5709, 5250, 5688, 5623, 5467, 5521, 5447, 5279, 5399, 5586, 5307, 5598, 5630, 5562, 5577, 5539, 5381, 5293, 5434, 5284, 5674, 5518, 5374, 5721, 5520, 5451, 5367, 5281, 5468, 5373, 5559, 5275, 5573, 5663, 5593, 5330, 5493, 5382, 5408, 5550, 5507, 5581, 5386, 5280, 5708, 5716, 5469, 5683, 5587, 5260, 5292, 5487, 5504, 5619, 5613, 5525, 5388, 5715, 5637, 5545, 5607, 5452, 5602, 5676, 5272, 5486, 5557, 5286, 5331, 5576, 5383, 5262, 5356, 5390, 5552, 5325 (17 hits)
12	9	1.0	333.0	Yes	5499.0MHz, -64.0dBm	Hop sequence: 5685, 5565, 5684, 5702, 5698, 5375, 5276, 5414, 5593, 5499, 5296, 5613, 5336, 5560, 5694, 5670, 5333, 5725, 5298, 5355, 5574, 5587, 5400, 5427, 5622, 5579, 5601, 5455, 5711, 5406, 5500, 5460, 5391, 5576, 5385, 5426, 5359, 5308, 5254, 5526, 5677, 5284, 5369, 5447, 5548, 5423, 5281, 5676, 5531, 5425, 5545, 5288, 5524, 5595, 5686, 5543, 5452, 5596, 5283, 5697, 5664, 5530, 5348, 5309, 5446, 5437, 5435, 5438, 5534, 5366, 5656, 5571, 5718, 5607, 5719, 5723, 5279, 5713, 5419, 5481, 5421, 5332, 5266, 5558, 5584, 5689, 5654, 5316, 5542, 5559, 5408, 5417, 5380, 5289, 5322, 5295, 5714, 5394, 5602, 5494 (16 hits)
13	9	1.0	333.0	Yes	5500.0MHz, -64.0dBm	Hop sequence: 5689, 5268, 5594, 5358, 5574, 5557, 5700, 5334, 5430, 5502, 5374, 5461, 5532, 5589, 5608, 5335, 5493, 5257, 5338, 5567, 5486, 5571, 5460, 5552, 5291, 5497, 5441, 5419, 5690, 5681, 5518, 5562, 5373, 5494, 5445, 5273, 5386, 5440, 5582, 5513, 5581, 5697, 5270, 5572, 5378, 5695, 5312, 5413, 5470, 5396, 5506, 5711, 5679, 5325, 5271, 5408, 5256, 5387, 5414, 5655, 5522, 5448, 5568, 5654, 5342, 5304, 5646, 5579, 5491, 5473, 5381, 5279, 5561, 5610, 5483, 5380, 5563, 5540, 5284, 5662, 5310, 5602, 5403, 5524, 5331, 5663, 5283, 5288, 5354, 5266, 5437, 5575, 5621, 5469, 5656, 5599, 5583, 5623, 5500, 5318 (20 hits)
14	9	1.0	333.0	Yes	5501.0MHz, -64.0dBm	Hop sequence: 5702, 5542, 5440, 5589, 5561, 5487, 5697, 5268, 5585, 5456, 5570, 5624, 5250, 5468, 5493, 5566, 5285, 5350, 5404, 5622, 5400, 5660, 5354, 5529, 5444, 5721, 5686, 5253, 5531, 5295, 5630, 5260, 5675, 5534, 5543, 5672, 5611, 5549, 5395, 5726, 5465, 5318, 5293, 5367, 5671, 5528, 5304, 5557, 5717, 5341, 5337, 5719, 5302, 5419, 5424, 5713, 5655, 5603, 5386, 5659, 5636, 5412, 5258, 5299, 5656, 5263, 5390, 5650, 5653, 5274, 5625, 5454, 5301, 5643, 5644, 5724, 5496, 5438, 5374, 5288, 5586, 5673, 5276, 5667, 5286, 5481, 5519, 5568, 5669, 5314, 5392, 5441, 5647, 5605, 5326, 5583, 5720, 5340, 5463, 5320 (15 hits)
15	9	1.0	333.0	Yes	5502.0MHz, -64.0dBm	Hop sequence: 5569, 5305, 5616, 5312, 5377, 5608, 5711, 5397, 5282, 5275, 5551, 5404, 5624, 5501, 5339, 5510, 5441, 5389, 5395, 5434, 5567, 5688, 5554, 5645, 5500, 5519, 5346, 5552, 5605, 5696, 5471, 5445, 5334, 5344, 5629, 5536, 5584, 5383, 5415, 5574, 5597, 5534, 5364, 5449, 5505, 5347, 5410, 5269, 5709, 5546, 5704, 5647, 5611, 5363, 5431, 5488, 5281, 5575, 5512, 5619, 5456,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5438, 5325, 5429, 5354, 5631, 5667, 5340, 5602, 5306, 5252, 5411, 5641, 5612, 5576, 5583, 5525, 5694, 5266, 5454, 5585, 5432, 5333, 5674, 5356, 5299, 5264, 5435, 5380, 5394, 5331, 5357, 5700, 5527, 5587, 5326, 5323, 5359, 5653, 5661 (16 hits)
16	9	1.0	333.0	Yes	5503.0MHz, -64.0dBm	Hop sequence: 5486, 5723, 5367, 5453, 5435, 5608, 5684, 5376, 5710, 5590, 5553, 5537, 5483, 5612, 5658, 5443, 5365, 5261, 5701, 5263, 5647, 5614, 5336, 5500, 5282, 5459, 5375, 5420, 5633, 5334, 5602, 5502, 5644, 5326, 5586, 5670, 5569, 5672, 5276, 5268, 5595, 5575, 5603, 5611, 5499, 5629, 5492, 5412, 5454, 5696, 5473, 5542, 5548, 5352, 5545, 5697, 5617, 5584, 5648, 5270, 5280, 5552, 5399, 5406, 5654, 5683, 5438, 5693, 5576, 5290, 5469, 5481, 5436, 5525, 5539, 5466, 5715, 5519, 5411, 5265, 5565, 5470, 5472, 5479, 5657, 5699, 5360, 5424, 5273, 5655, 5348, 5319, 5373, 5579, 5610, 5428, 5421, 5296, 5378, 5577 (15 hits)
17	9	1.0	333.0	Yes	5504.0MHz, -64.0dBm	Hop sequence: 5521, 5655, 5288, 5551, 5593, 5539, 5711, 5263, 5600, 5650, 5379, 5681, 5689, 5403, 5350, 5644, 5287, 5305, 5334, 5641, 5347, 5708, 5413, 5524, 5660, 5586, 5460, 5395, 5666, 5709, 5468, 5639, 5700, 5332, 5271, 5298, 5429, 5652, 5374, 5261, 5706, 5412, 5486, 5277, 5363, 5715, 5410, 5619, 5505, 5353, 5325, 5420, 5449, 5391, 5342, 5385, 5587, 5351, 5418, 5326, 5476, 5458, 5330, 5286, 5490, 5540, 5648, 5453, 5670, 5723, 5436, 5333, 5393, 5306, 5549, 5580, 5533, 5262, 5578, 5417, 5571, 5575, 5597, 5659, 5430, 5519, 5273, 5546, 5543, 5322, 5291, 5463, 5270, 5283, 5303, 5722, 5696, 5398, 5315, 5489 (12 hits)
18	9	1.0	333.0	Yes	5505.0MHz, -64.0dBm	Hop sequence: 5666, 5381, 5538, 5539, 5468, 5270, 5338, 5343, 5561, 5660, 5451, 5670, 5614, 5677, 5354, 5715, 5486, 5535, 5311, 5688, 5253, 5509, 5264, 5398, 5630, 5397, 5654, 5613, 5553, 5574, 5595, 5361, 5557, 5611, 5503, 5489, 5556, 5435, 5560, 5487, 5707, 5576, 5550, 5250, 5308, 5629, 5662, 5518, 5474, 5517, 5684, 5265, 5424, 5274, 5314, 5301, 5594, 5439, 5342, 5583, 5257, 5254, 5592, 5465, 5661, 5622, 5333, 5653, 5720, 5355, 5559, 5267, 5513, 5434, 5325, 5603, 5372, 5331, 5646, 5495, 5278, 5459, 5571, 5269, 5702, 5676, 5348, 5277, 5528, 5569, 5610, 5371, 5496, 5590, 5585, 5417, 5706, 5279, 5303, 5365 (19 hits)
19	9	1.0	333.0	Yes	5506.0MHz, -64.0dBm	Hop sequence: 5708, 5292, 5266, 5360, 5723, 5529, 5343, 5332, 5707, 5294, 5505, 5623, 5302, 5574, 5626, 5321, 5430, 5602, 5715, 5513, 5403, 5578, 5356, 5597, 5543, 5465, 5667, 5476, 5407, 5482, 5676, 5317, 5617, 5351, 5416, 5501, 5464, 5512, 5362, 5606, 5320, 5693, 5324, 5486, 5678, 5555, 5274, 5516, 5551, 5645, 5415, 5326, 5397, 5615, 5278, 5413, 5398, 5363, 5638, 5571, 5479, 5572, 5536, 5587, 5485, 5378, 5533, 5251, 5300, 5588, 5471, 5432, 5699, 5668, 5692, 5250, 5376, 5596, 5279, 5718, 5289, 5353, 5461, 5619, 5447, 5709, 5291, 5296, 5661, 5639, 5434, 5599, 5547, 5503, 5559, 5406, 5401, 5385, 5365, 5490 (15 hits)
20	9	1.0	333.0	Yes	5507.0MHz, -64.0dBm	Hop sequence: 5724, 5475, 5347, 5712, 5395, 5622, 5562, 5716, 5581, 5389, 5458, 5524, 5603, 5604, 5703, 5685, 5457, 5400, 5718, 5266, 5514, 5333, 5503, 5402, 5711, 5284, 5715, 5460, 5325, 5568, 5305, 5691, 5379, 5471, 5498, 5490, 5285, 5448, 5582, 5501, 5513, 5661, 5651, 5502, 5536,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5573, 5541, 5431, 5436, 5303, 5350, 5290, 5552, 5360, 5432, 5444, 5676, 5323, 5506, 5343, 5689, 5593, 5680, 5708, 5713, 5354, 5397, 5492, 5721, 5366, 5644, 5567, 5515, 5510, 5663, 5588, 5341, 5441, 5522, 5313, 5666, 5686, 5468, 5311, 5253, 5294, 5318, 5394, 5413, 5705, 5263, 5479, 5352, 5682, 5376, 5328, 5357, 5621, 5630, 5470 (19 hits) (04/08/2015 06:49:21 PM)
21	9	1.0	333.0	Yes	5508.0MHz, -64.0dBm	Hop sequence: 5583, 5516, 5545, 5251, 5710, 5607, 5601, 5668, 5426, 5442, 5378, 5702, 5591, 5305, 5700, 5624, 5456, 5561, 5349, 5539, 5555, 5463, 5699, 5353, 5493, 5291, 5648, 5412, 5627, 5574, 5467, 5448, 5329, 5522, 5271, 5478, 5586, 5289, 5388, 5384, 5451, 5474, 5571, 5618, 5354, 5681, 5470, 5387, 5281, 5275, 5562, 5253, 5576, 5544, 5293, 5327, 5377, 5382, 5499, 5363, 5504, 5337, 5584, 5489, 5324, 5333, 5405, 5473, 5438, 5350, 5434, 5538, 5283, 5454, 5292, 5390, 5600, 5336, 5683, 5613, 5272, 5614, 5446, 5518, 5317, 5656, 5642, 5481, 5664, 5590, 5280, 5339, 5486, 5477, 5599, 5407, 5334, 5402, 5286, 5397 (13 hits)
22	9	1.0	333.0	Yes	5509.0MHz, -64.0dBm	Hop sequence: 5396, 5350, 5579, 5461, 5524, 5618, 5262, 5471, 5586, 5432, 5400, 5449, 5315, 5318, 5690, 5455, 5687, 5260, 5707, 5726, 5251, 5606, 5348, 5303, 5624, 5538, 5604, 5694, 5325, 5625, 5320, 5324, 5256, 5712, 5301, 5490, 5298, 5534, 5583, 5540, 5595, 5659, 5382, 5293, 5588, 5328, 5493, 5527, 5622, 5460, 5402, 5650, 5308, 5261, 5425, 5420, 5302, 5477, 5453, 5614, 5571, 5655, 5556, 5505, 5548, 5299, 5581, 5409, 5592, 5434, 5483, 5313, 5721, 5344, 5300, 5513, 5416, 5448, 5406, 5703, 5390, 5327, 5589, 5514, 5565, 5543, 5722, 5352, 5612, 5714, 5638, 5525, 5502, 5517, 5668, 5498, 5345, 5357, 5580, 5691 (18 hits)
23	9	1.0	333.0	Yes	5510.0MHz, -64.0dBm	Hop sequence: 5288, 5524, 5424, 5515, 5580, 5682, 5601, 5553, 5476, 5701, 5419, 5260, 5353, 5576, 5511, 5359, 5659, 5614, 5461, 5348, 5389, 5499, 5402, 5417, 5529, 5703, 5451, 5425, 5330, 5670, 5574, 5315, 5509, 5281, 5277, 5276, 5638, 5641, 5716, 5331, 5706, 5711, 5377, 5320, 5590, 5433, 5693, 5273, 5390, 5586, 5422, 5347, 5650, 5474, 5349, 5644, 5311, 5382, 5467, 5654, 5327, 5352, 5675, 5391, 5401, 5340, 5662, 5368, 5360, 5268, 5527, 5658, 5572, 5444, 5685, 5718, 5346, 5602, 5440, 5625, 5328, 5380, 5636, 5362, 5510, 5512, 5272, 5620, 5462, 5413, 5481, 5640, 5683, 5484, 5364, 5420, 5464, 5513, 5403, 5692 (11 hits)
24	9	1.0	333.0	Yes	5511.0MHz, -64.0dBm	Hop sequence: 5617, 5274, 5298, 5713, 5419, 5297, 5374, 5317, 5332, 5341, 5597, 5554, 5583, 5417, 5312, 5351, 5528, 5534, 5432, 5627, 5275, 5570, 5500, 5630, 5306, 5641, 5308, 5550, 5335, 5696, 5469, 5354, 5666, 5660, 5372, 5677, 5639, 5321, 5698, 5279, 5695, 5334, 5397, 5667, 5476, 5293, 5623, 5686, 5489, 5591, 5692, 5362, 5512, 5383, 5408, 5345, 5517, 5614, 5360, 5311, 5564, 5313, 5649, 5347, 5470, 5631, 5329, 5269, 5283, 5338, 5385, 5588, 5464, 5497, 5488, 5390, 5581, 5608, 5436, 5511, 5546, 5348, 5537, 5356, 5632, 5404, 5420, 5381, 5326, 5579, 5294, 5650, 5711, 5568, 5562, 5656, 5669, 5577, 5545, 5573 (16 hits)
25	9	1.0	333.0	Yes	5512.0MHz, -64.0dBm	Hop sequence: 5351, 5444, 5488, 5422, 5577, 5668, 5575, 5503, 5517, 5355, 5584, 5360, 5284, 5640, 5599, 5709, 5399, 5572, 5509, 5365, 5434, 5521, 5483, 5661, 5340, 5499, 5324, 5725, 5649,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5375, 5330, 5431, 5679, 5691, 5473, 5576, 5495, 5311, 5368, 5551, 5628, 5623, 5569, 5255, 5302, 5455, 5502, 5426, 5513, 5687, 5558, 5700, 5566, 5396, 5701, 5684, 5295, 5564, 5358, 5563, 5325, 5619, 5543, 5565, 5603, 5278, 5259, 5448, 5613, 5496, 5533, 5329, 5323, 5280, 5607, 5665, 5531, 5344, 5335, 5382, 5252, 5307, 5328, 5676, 5262, 5261, 5401, 5656, 5659, 5625, 5477, 5489, 5475, 5696, 5253, 5704, 5527, 5506, 5535, 5274 (22 hits)
26	9	1.0	333.0	Yes	5513.0MHz, -64.0dBm	Hop sequence: 5548, 5292, 5601, 5661, 5645, 5493, 5464, 5345, 5649, 5272, 5626, 5591, 5494, 5597, 5424, 5702, 5436, 5409, 5670, 5256, 5503, 5527, 5603, 5421, 5608, 5694, 5656, 5646, 5684, 5616, 5399, 5536, 5390, 5284, 5572, 5690, 5250, 5577, 5289, 5520, 5491, 5625, 5391, 5633, 5420, 5329, 5373, 5367, 5471, 5622, 5657, 5323, 5297, 5689, 5288, 5299, 5487, 5419, 5447, 5322, 5459, 5442, 5437, 5717, 5319, 5312, 5722, 5364, 5273, 5332, 5624, 5457, 5296, 5695, 5653, 5720, 5704, 5417, 5317, 5410, 5389, 5473, 5336, 5325, 5615, 5538, 5663, 5489, 5475, 5630, 5540, 5398, 5672, 5383, 5377, 5611, 5647, 5407, 5499, 5276 (11 hits)
27	9	1.0	333.0	Yes	5514.0MHz, -64.0dBm	Hop sequence: 5300, 5661, 5320, 5334, 5479, 5526, 5423, 5305, 5413, 5489, 5516, 5342, 5396, 5602, 5719, 5385, 5547, 5253, 5449, 5356, 5450, 5705, 5576, 5572, 5430, 5501, 5278, 5383, 5328, 5397, 5723, 5485, 5458, 5379, 5712, 5583, 5685, 5273, 5415, 5687, 5407, 5437, 5264, 5504, 5549, 5531, 5270, 5395, 5378, 5606, 5716, 5314, 5593, 5376, 5556, 5560, 5678, 5540, 5523, 5666, 5358, 5650, 5254, 5496, 5524, 5532, 5567, 5285, 5271, 5312, 5708, 5558, 5339, 5302, 5520, 5595, 5274, 5260, 5467, 5634, 5624, 5389, 5724, 5344, 5268, 5288, 5304, 5550, 5537, 5446, 5365, 5553, 5277, 5452, 5466, 5552, 5680, 5373, 5530, 5459 (22 hits)
28	9	1.0	333.0	Yes	5515.0MHz, -64.0dBm	Hop sequence: 5581, 5382, 5678, 5342, 5578, 5524, 5319, 5637, 5570, 5687, 5612, 5361, 5615, 5400, 5266, 5552, 5514, 5369, 5405, 5264, 5431, 5294, 5350, 5529, 5461, 5433, 5680, 5267, 5623, 5632, 5567, 5254, 5346, 5555, 5436, 5688, 5411, 5712, 5628, 5703, 5592, 5697, 5664, 5591, 5317, 5401, 5607, 5282, 5475, 5482, 5304, 5368, 5509, 5582, 5456, 5449, 5389, 5530, 5370, 5590, 5451, 5606, 5641, 5595, 5517, 5356, 5272, 5447, 5616, 5416, 5711, 5396, 5343, 5430, 5516, 5268, 5258, 5285, 5654, 5649, 5292, 5574, 5385, 5464, 5669, 5584, 5453, 5610, 5439, 5362, 5677, 5613, 5501, 5373, 5561, 5695, 5375, 5441, 5363, 5714 (13 hits)
29	9	1.0	333.0	Yes	5516.0MHz, -64.0dBm	Hop sequence: 5420, 5347, 5676, 5633, 5706, 5456, 5616, 5457, 5550, 5625, 5418, 5704, 5383, 5289, 5262, 5382, 5278, 5590, 5391, 5428, 5619, 5577, 5522, 5607, 5273, 5584, 5683, 5673, 5404, 5627, 5305, 5338, 5352, 5573, 5477, 5394, 5458, 5636, 5712, 5345, 5256, 5370, 5589, 5390, 5608, 5694, 5300, 5552, 5698, 5276, 5265, 5548, 5403, 5571, 5340, 5599, 5533, 5643, 5252, 5350, 5450, 5524, 5640, 5378, 5506, 5482, 5287, 5709, 5435, 5668, 5317, 5402, 5580, 5647, 5578, 5463, 5655, 5582, 5353, 5532, 5464, 5413, 5481, 5359, 5266, 5690, 5544, 5725, 5263, 5410, 5443, 5703, 5480, 5604, 5261, 5311, 5612, 5632, 5487, 5424 (9 hits)
30	9	1.0	333.0	Yes	5517.0MHz, -64.0dBm	Hop sequence: 5673, 5426, 5355, 5594, 5494, 5556, 5617, 5615, 5466, 5679, 5548, 5535, 5413, 5497, 5701, 5404, 5378, 5384, 5521, 5488, 5643,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5684, 5309, 5282, 5467, 5513, 5499, 5639, 5659, 5317, 5575, 5257, 5666, 5313, 5607, 5649, 5584, 5270, 5418, 5619, 5326, 5377, 5392, 5591, 5298, 5464, 5709, 5664, 5403, 5550, 5675, 5382, 5407, 5690, 5276, 5587, 5288, 5596, 5665, 5628, 5469, 5698, 5704, 5677, 5626, 5687, 5597, 5590, 5320, 5471, 5606, 5350, 5536, 5533, 5489, 5634, 5509, 5723, 5302, 5588, 5501, 5430, 5689, 5713, 5345, 5697, 5506, 5380, 5435, 5289, 5369, 5534, 5335, 5483, 5551, 5452, 5439, 5586, 5555, 5468 (17 hits)
31	9	1.0	333.0	Yes	5518.0MHz, -64.0dBm	Hop sequence: 5484, 5667, 5596, 5589, 5520, 5387, 5514, 5301, 5272, 5400, 5313, 5559, 5709, 5689, 5355, 5547, 5647, 5597, 5618, 5501, 5634, 5318, 5499, 5352, 5492, 5639, 5586, 5354, 5469, 5296, 5412, 5545, 5656, 5380, 5252, 5678, 5563, 5677, 5571, 5621, 5342, 5540, 5270, 5338, 5292, 5595, 5585, 5303, 5675, 5705, 5604, 5548, 5648, 5629, 5419, 5558, 5665, 5685, 5325, 5331, 5554, 5305, 5670, 5453, 5253, 5454, 5534, 5691, 5376, 5702, 5581, 5698, 5567, 5557, 5267, 5459, 5620, 5461, 5259, 5384, 5707, 5556, 5268, 5465, 5420, 5638, 5722, 5456, 5340, 5498, 5304, 5349, 5684, 5717, 5509, 5605, 5345, 5642, 5608, 5602 (19 hits)
32	9	1.0	333.0	Yes	5519.0MHz, -64.0dBm	Hop sequence: 5486, 5251, 5675, 5522, 5528, 5422, 5404, 5262, 5313, 5685, 5315, 5479, 5558, 5516, 5591, 5672, 5265, 5564, 5418, 5354, 5623, 5498, 5373, 5402, 5456, 5534, 5505, 5309, 5326, 5327, 5530, 5575, 5629, 5687, 5706, 5466, 5683, 5471, 5383, 5674, 5644, 5531, 5661, 5271, 5417, 5502, 5512, 5669, 5529, 5344, 5256, 5607, 5323, 5475, 5656, 5287, 5489, 5666, 5370, 5311, 5337, 5269, 5366, 5588, 5546, 5635, 5567, 5298, 5608, 5352, 5449, 5341, 5294, 5648, 5324, 5600, 5592, 5533, 5681, 5345, 5490, 5268, 5403, 5469, 5724, 5574, 5559, 5442, 5484, 5335, 5435, 5391, 5312, 5610, 5643, 5318, 5639, 5620, 5369, 5334 (18 hits)
33	9	1.0	333.0	Yes	5520.0MHz, -64.0dBm	Hop sequence: 5452, 5480, 5540, 5673, 5285, 5657, 5302, 5395, 5425, 5330, 5672, 5254, 5558, 5415, 5680, 5703, 5503, 5454, 5559, 5616, 5459, 5346, 5574, 5529, 5296, 5328, 5551, 5334, 5674, 5589, 5584, 5500, 5379, 5566, 5706, 5464, 5469, 5431, 5372, 5456, 5624, 5520, 5507, 5530, 5651, 5642, 5394, 5354, 5693, 5525, 5645, 5331, 5404, 5421, 5253, 5265, 5684, 5428, 5704, 5715, 5368, 5279, 5699, 5610, 5419, 5258, 5290, 5484, 5606, 5400, 5351, 5687, 5538, 5619, 5326, 5487, 5497, 5501, 5434, 5665, 5281, 5721, 5467, 5476, 5273, 5670, 5325, 5511, 5585, 5626, 5478, 5643, 5465, 5410, 5259, 5411, 5338, 5556, 5337, 5600 (17 hits)
34	9	1.0	333.0	Yes	5521.0MHz, -64.0dBm	Hop sequence: 5315, 5303, 5691, 5319, 5684, 5360, 5423, 5400, 5464, 5479, 5577, 5482, 5259, 5598, 5719, 5653, 5655, 5272, 5309, 5278, 5288, 5673, 5442, 5611, 5667, 5408, 5512, 5525, 5444, 5504, 5396, 5539, 5318, 5385, 5441, 5394, 5685, 5417, 5601, 5668, 5698, 5585, 5563, 5639, 5313, 5471, 5339, 5284, 5325, 5414, 5627, 5449, 5348, 5475, 5567, 5390, 5286, 5358, 5419, 5299, 5591, 5487, 5477, 5551, 5287, 5251, 5699, 5678, 5642, 5357, 5478, 5263, 5531, 5670, 5485, 5688, 5544, 5403, 5570, 5431, 5432, 5692, 5680, 5436, 5276, 5651, 5654, 5723, 5460, 5439, 5253, 5497, 5342, 5696, 5557, 5294, 5527, 5312, 5701, 5440 (13 hits)
35	9	1.0	333.0	Yes	5522.0MHz,	Hop sequence: 5364, 5372, 5562, 5367, 5432,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-64.0dBm	5316, 5288, 5346, 5551, 5349, 5576, 5695, 5633, 5314, 5260, 5534, 5663, 5698, 5679, 5410, 5452, 5351, 5277, 5622, 5716, 5587, 5484, 5577, 5570, 5644, 5654, 5493, 5726, 5397, 5391, 5568, 5342, 5412, 5607, 5519, 5264, 5440, 5565, 5540, 5445, 5631, 5394, 5361, 5689, 5642, 5542, 5384, 5327, 5536, 5586, 5464, 5267, 5680, 5697, 5438, 5378, 5559, 5402, 5419, 5462, 5300, 5465, 5617, 5408, 5525, 5292, 5520, 5598, 5265, 5507, 5273, 5451, 5595, 5321, 5460, 5416, 5653, 5311, 5278, 5335, 5641, 5614, 5710, 5443, 5337, 5657, 5501, 5662, 5674, 5604, 5647, 5390, 5579, 5670, 5275 (16 hits)
36	9	1.0	333.0	Yes	5523.0MHz, -64.0dBm	Hop sequence: 5415, 5372, 5451, 5379, 5606, 5699, 5321, 5697, 5505, 5417, 5332, 5381, 5342, 5710, 5484, 5444, 5524, 5550, 5693, 5271, 5628, 5421, 5536, 5642, 5547, 5491, 5503, 5316, 5553, 5368, 5388, 5726, 5681, 5335, 5673, 5614, 5413, 5496, 5525, 5393, 5520, 5516, 5639, 5647, 5683, 5272, 5296, 5636, 5542, 5530, 5276, 5691, 5281, 5385, 5631, 5556, 5263, 5394, 5448, 5549, 5700, 5609, 5313, 5389, 5676, 5476, 5649, 5511, 5723, 5456, 5608, 5574, 5498, 5454, 5543, 5468, 5594, 5548, 5442, 5611, 5366, 5707, 5675, 5270, 5722, 5356, 5682, 5441, 5621, 5463, 5306, 5622, 5346, 5533, 5566, 5495, 5265, 5251, 5571, 5358 (23 hits)
37	9	1.0	333.0	Yes	5524.0MHz, -64.0dBm	Hop sequence: 5264, 5681, 5445, 5251, 5634, 5678, 5334, 5503, 5589, 5391, 5641, 5460, 5655, 5471, 5550, 5528, 5475, 5439, 5657, 5552, 5401, 5490, 5419, 5642, 5459, 5317, 5259, 5680, 5679, 5725, 5631, 5413, 5580, 5648, 5494, 5365, 5623, 5362, 5535, 5521, 5267, 5690, 5307, 5487, 5378, 5348, 5281, 5321, 5289, 5315, 5707, 5386, 5599, 5654, 5712, 5612, 5318, 5584, 5620, 5381, 5533, 5421, 5451, 5615, 5703, 5435, 5619, 5276, 5596, 5366, 5437, 5561, 5462, 5651, 5364, 5303, 5674, 5608, 5258, 5622, 5512, 5661, 5687, 5534, 5265, 5399, 5511, 5478, 5682, 5660, 5344, 5663, 5314, 5316, 5501, 5572, 5356, 5295, 5692, 5430 (14 hits)
38	9	1.0	333.0	Yes	5525.0MHz, -64.0dBm	Hop sequence: 5723, 5617, 5432, 5496, 5662, 5590, 5285, 5650, 5438, 5265, 5593, 5324, 5389, 5591, 5719, 5261, 5485, 5546, 5683, 5330, 5515, 5390, 5333, 5437, 5587, 5636, 5610, 5709, 5559, 5621, 5434, 5254, 5726, 5307, 5557, 5334, 5575, 5619, 5490, 5614, 5298, 5450, 5455, 5701, 5606, 5297, 5278, 5406, 5668, 5256, 5482, 5344, 5398, 5511, 5430, 5598, 5279, 5474, 5475, 5502, 5383, 5658, 5339, 5718, 5646, 5715, 5345, 5493, 5539, 5396, 5576, 5625, 5379, 5308, 5545, 5720, 5292, 5454, 5651, 5579, 5585, 5305, 5460, 5416, 5435, 5599, 5274, 5290, 5325, 5313, 5367, 5552, 5527, 5705, 5523, 5495, 5466, 5375, 5311, 5623 (15 hits)
39	9	1.0	333.0	Yes	5526.0MHz, -64.0dBm	Hop sequence: 5629, 5436, 5654, 5481, 5303, 5511, 5445, 5359, 5635, 5710, 5490, 5651, 5409, 5403, 5432, 5451, 5278, 5300, 5479, 5617, 5480, 5722, 5720, 5565, 5529, 5293, 5599, 5297, 5709, 5596, 5483, 5369, 5268, 5718, 5553, 5362, 5271, 5394, 5509, 5706, 5302, 5505, 5421, 5520, 5610, 5686, 5455, 5621, 5594, 5586, 5311, 5477, 5399, 5644, 5379, 5503, 5301, 5663, 5725, 5695, 5561, 5611, 5433, 5704, 5541, 5330, 5486, 5325, 5368, 5510, 5270, 5552, 5609, 5699, 5631, 5422, 5542, 5279, 5582, 5463, 5447, 5566, 5360, 5593, 5351, 5281, 5292, 5331, 5679, 5715, 5592, 5523, 5569, 5405, 5315, 5539, 5318, 5495, 5600, 5560 (20

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						hits)
40	9	1.0	333.0	Yes	5527.0MHz, -64.0dBm	Hop sequence: 5533, 5522, 5416, 5324, 5420, 5537, 5589, 5449, 5340, 5583, 5713, 5454, 5444, 5536, 5553, 5562, 5658, 5697, 5607, 5291, 5251, 5264, 5364, 5618, 5487, 5266, 5447, 5350, 5672, 5402, 5295, 5319, 5696, 5615, 5479, 5503, 5260, 5403, 5272, 5342, 5440, 5327, 5426, 5299, 5284, 5546, 5585, 5639, 5461, 5633, 5640, 5523, 5356, 5343, 5379, 5531, 5409, 5725, 5555, 5376, 5359, 5700, 5429, 5535, 5606, 5384, 5516, 5637, 5417, 5334, 5575, 5623, 5475, 5724, 5313, 5602, 5275, 5465, 5551, 5439, 5292, 5391, 5371, 5282, 5253, 5715, 5308, 5335, 5714, 5418, 5294, 5271, 5381, 5527, 5397, 5500, 5452, 5427, 5648, 5501 (17 hits)
41	9	1.0	333.0	Yes	5528.0MHz, -64.0dBm	Hop sequence: 5448, 5567, 5367, 5521, 5337, 5709, 5261, 5326, 5685, 5672, 5322, 5635, 5384, 5531, 5267, 5255, 5484, 5439, 5646, 5537, 5666, 5648, 5317, 5306, 5309, 5660, 5506, 5571, 5518, 5665, 5442, 5501, 5250, 5592, 5310, 5396, 5433, 5319, 5388, 5561, 5702, 5345, 5535, 5723, 5558, 5705, 5383, 5639, 5469, 5611, 5253, 5271, 5559, 5377, 5357, 5340, 5498, 5263, 5428, 5282, 5312, 5490, 5530, 5670, 5447, 5491, 5467, 5548, 5500, 5300, 5321, 5276, 5489, 5581, 5527, 5566, 5525, 5691, 5266, 5457, 5496, 5625, 5364, 5419, 5614, 5299, 5359, 5712, 5679, 5711, 5549, 5473, 5628, 5626, 5640, 5375, 5552, 5315, 5369, 5343 (23 hits)
42	9	1.0	333.0	Yes	5529.0MHz, -64.0dBm	Hop sequence: 5292, 5553, 5268, 5576, 5483, 5398, 5290, 5388, 5582, 5439, 5374, 5443, 5350, 5567, 5600, 5297, 5524, 5592, 5370, 5355, 5555, 5559, 5471, 5704, 5642, 5378, 5575, 5401, 5623, 5551, 5603, 5683, 5468, 5552, 5409, 5420, 5599, 5265, 5588, 5269, 5719, 5580, 5445, 5275, 5525, 5434, 5479, 5484, 5319, 5481, 5323, 5474, 5293, 5535, 5472, 5361, 5706, 5607, 5327, 5701, 5645, 5305, 5381, 5496, 5482, 5339, 5724, 5476, 5470, 5638, 5302, 5426, 5722, 5594, 5643, 5345, 5625, 5511, 5287, 5622, 5586, 5348, 5566, 5366, 5549, 5618, 5632, 5422, 5375, 5254, 5569, 5529, 5312, 5338, 5260, 5655, 5616, 5377, 5410, 5517 (16 hits)
43	9	1.0	333.0	Yes	5530.0MHz, -64.0dBm	Hop sequence: 5373, 5364, 5472, 5380, 5370, 5298, 5521, 5417, 5658, 5634, 5688, 5271, 5323, 5377, 5622, 5330, 5692, 5286, 5576, 5432, 5498, 5452, 5403, 5726, 5487, 5433, 5296, 5575, 5593, 5613, 5713, 5318, 5388, 5314, 5539, 5632, 5332, 5570, 5321, 5532, 5643, 5502, 5480, 5331, 5543, 5303, 5376, 5624, 5311, 5357, 5426, 5466, 5268, 5467, 5518, 5368, 5588, 5430, 5459, 5328, 5603, 5361, 5390, 5470, 5408, 5272, 5661, 5553, 5636, 5565, 5300, 5293, 5434, 5616, 5404, 5511, 5278, 5612, 5710, 5363, 5325, 5477, 5548, 5549, 5382, 5399, 5326, 5601, 5250, 5703, 5563, 5358, 5474, 5675, 5436, 5446, 5493, 5507, 5666, 5270 (16 hits)
44	9	1.0	333.0	Yes	5531.0MHz, -64.0dBm	Hop sequence: 5706, 5399, 5446, 5575, 5657, 5409, 5405, 5711, 5520, 5417, 5582, 5310, 5264, 5492, 5373, 5455, 5549, 5658, 5652, 5613, 5690, 5693, 5517, 5441, 5341, 5362, 5695, 5726, 5263, 5526, 5723, 5721, 5337, 5678, 5457, 5338, 5309, 5270, 5710, 5413, 5307, 5663, 5314, 5380, 5550, 5655, 5251, 5487, 5572, 5677, 5616, 5478, 5394, 5679, 5258, 5406, 5386, 5340, 5424, 5611, 5430, 5624, 5351, 5569, 5419, 5686, 5620, 5596, 5621, 5342, 5638, 5527, 5612, 5665, 5318, 5368, 5494, 5668, 5580, 5646, 5514, 5456, 5303, 5437, 5278,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5454, 5285, 5653, 5287, 5259, 5718, 5352, 5348, 5360, 5571, 5552, 5432, 5670, 5618, 5385 (11 hits)
45	9	1.0	333.0	Yes	5532.0MHz, -64.0dBm	Hop sequence: 5418, 5613, 5281, 5496, 5625, 5647, 5435, 5508, 5313, 5477, 5675, 5329, 5530, 5345, 5551, 5324, 5456, 5623, 5571, 5724, 5717, 5470, 5420, 5653, 5325, 5669, 5610, 5502, 5713, 5709, 5301, 5390, 5452, 5396, 5662, 5697, 5567, 5392, 5400, 5364, 5250, 5568, 5498, 5547, 5712, 5573, 5274, 5395, 5365, 5254, 5609, 5525, 5450, 5251, 5370, 5663, 5434, 5532, 5622, 5457, 5347, 5507, 5406, 5667, 5491, 5339, 5684, 5298, 5658, 5564, 5521, 5554, 5681, 5660, 5275, 5529, 5425, 5541, 5394, 5503, 5617, 5439, 5677, 5427, 5560, 5351, 5414, 5676, 5500, 5488, 5259, 5304, 5581, 5505, 5512, 5637, 5604, 5469, 5693, 5292 (23 hits)
46	9	1.0	333.0	Yes	5533.0MHz, -64.0dBm	Hop sequence: 5275, 5331, 5402, 5693, 5588, 5362, 5710, 5370, 5483, 5279, 5606, 5407, 5479, 5287, 5676, 5547, 5634, 5704, 5566, 5381, 5399, 5272, 5423, 5674, 5714, 5649, 5392, 5544, 5388, 5455, 5266, 5641, 5645, 5273, 5306, 5578, 5411, 5652, 5309, 5251, 5528, 5536, 5717, 5665, 5316, 5707, 5294, 5444, 5427, 5317, 5698, 5420, 5654, 5549, 5560, 5417, 5563, 5386, 5415, 5283, 5445, 5435, 5277, 5538, 5692, 5361, 5447, 5725, 5586, 5604, 5612, 5594, 5472, 5426, 5373, 5642, 5677, 5646, 5548, 5695, 5690, 5555, 5384, 5288, 5716, 5313, 5408, 5650, 5500, 5596, 5473, 5304, 5537, 5598, 5660, 5587, 5513, 5656, 5434, 5611 (14 hits)
47	9	1.0	333.0	Yes	5534.0MHz, -64.0dBm	Hop sequence: 5524, 5358, 5611, 5666, 5482, 5432, 5392, 5545, 5712, 5433, 5572, 5468, 5508, 5396, 5700, 5690, 5607, 5579, 5356, 5257, 5412, 5541, 5306, 5348, 5631, 5471, 5271, 5442, 5275, 5657, 5359, 5330, 5601, 5597, 5670, 5548, 5629, 5676, 5533, 5664, 5526, 5571, 5709, 5711, 5422, 5510, 5296, 5459, 5586, 5694, 5640, 5428, 5461, 5454, 5352, 5337, 5301, 5273, 5345, 5419, 5277, 5401, 5378, 5343, 5269, 5630, 5355, 5473, 5339, 5265, 5625, 5725, 5255, 5304, 5398, 5308, 5550, 5286, 5360, 5610, 5290, 5515, 5474, 5438, 5293, 5609, 5578, 5594, 5322, 5512, 5703, 5633, 5278, 5506, 5264, 5632, 5559, 5522, 5683, 5405 (14 hits)
48	9	1.0	333.0	Yes	5535.0MHz, -64.0dBm	Hop sequence: 5361, 5257, 5554, 5724, 5308, 5570, 5456, 5622, 5598, 5493, 5461, 5282, 5582, 5563, 5681, 5662, 5325, 5572, 5517, 5310, 5588, 5319, 5492, 5345, 5306, 5446, 5540, 5581, 5703, 5535, 5591, 5269, 5511, 5650, 5441, 5608, 5585, 5348, 5545, 5524, 5381, 5534, 5387, 5614, 5302, 5290, 5716, 5331, 5336, 5552, 5393, 5680, 5255, 5569, 5484, 5400, 5466, 5561, 5575, 5532, 5356, 5503, 5458, 5357, 5392, 5281, 5520, 5640, 5559, 5555, 5712, 5508, 5688, 5513, 5314, 5386, 5397, 5718, 5603, 5309, 5380, 5313, 5653, 5541, 5351, 5602, 5553, 5352, 5595, 5720, 5462, 5437, 5349, 5625, 5646, 5661, 5445, 5481, 5362, 5390 (24 hits)
49	9	1.0	333.0	Yes	5536.0MHz, -64.0dBm	Hop sequence: 5455, 5599, 5694, 5604, 5614, 5572, 5516, 5689, 5270, 5436, 5307, 5309, 5277, 5409, 5621, 5394, 5403, 5644, 5268, 5651, 5685, 5648, 5585, 5523, 5404, 5563, 5493, 5601, 5428, 5649, 5619, 5503, 5480, 5681, 5485, 5616, 5548, 5416, 5672, 5605, 5723, 5498, 5509, 5250, 5444, 5569, 5555, 5499, 5472, 5488, 5255, 5418, 5634, 5262, 5374, 5414, 5271, 5368, 5704, 5626, 5449, 5659, 5636, 5641, 5420, 5341, 5584, 5683, 5567,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5568, 5549, 5663, 5646, 5542, 5391, 5578, 5448, 5349, 5310, 5495, 5351, 5357, 5565, 5398, 5560, 5479, 5602, 5530, 5474, 5617, 5339, 5317, 5313, 5716, 5676, 5595, 5400, 5332, 5388, 5552 (20 hits)
50	9	1.0	333.0	Yes	5537.0MHz, -64.0dBm	Hop sequence: 5515, 5401, 5479, 5445, 5275, 5436, 5426, 5621, 5318, 5273, 5588, 5688, 5461, 5644, 5481, 5668, 5438, 5719, 5670, 5271, 5663, 5649, 5712, 5533, 5281, 5260, 5434, 5364, 5463, 5654, 5460, 5659, 5716, 5269, 5377, 5521, 5555, 5522, 5484, 5726, 5349, 5704, 5498, 5661, 5665, 5669, 5677, 5455, 5686, 5272, 5267, 5390, 5348, 5487, 5384, 5696, 5590, 5527, 5486, 5336, 5491, 5297, 5341, 5504, 5673, 5615, 5259, 5560, 5440, 5302, 5335, 5523, 5691, 5268, 5413, 5645, 5570, 5678, 5653, 5458, 5257, 5566, 5569, 5598, 5476, 5415, 5531, 5346, 5258, 5700, 5416, 5707, 5496, 5519, 5453, 5292, 5545, 5706, 5629, 5571 (18 hits)
51	9	1.0	333.0	Yes	5538.0MHz, -64.0dBm	Hop sequence: 5454, 5525, 5286, 5604, 5399, 5671, 5294, 5627, 5355, 5371, 5661, 5654, 5695, 5537, 5561, 5264, 5449, 5269, 5551, 5606, 5685, 5631, 5273, 5555, 5327, 5597, 5679, 5478, 5383, 5428, 5448, 5567, 5677, 5629, 5260, 5658, 5266, 5708, 5690, 5348, 5406, 5440, 5387, 5281, 5401, 5668, 5632, 5504, 5564, 5507, 5341, 5415, 5591, 5367, 5469, 5506, 5483, 5560, 5707, 5713, 5510, 5542, 5608, 5452, 5437, 5680, 5254, 5366, 5372, 5365, 5573, 5382, 5719, 5303, 5550, 5402, 5305, 5587, 5343, 5395, 5634, 5472, 5290, 5321, 5475, 5404, 5373, 5378, 5697, 5457, 5662, 5517, 5590, 5480, 5337, 5515, 5596, 5562, 5524, 5364 (18 hits)
52	9	1.0	333.0	Yes	5539.0MHz, -64.0dBm	Hop sequence: 5698, 5571, 5606, 5485, 5671, 5679, 5452, 5669, 5395, 5610, 5314, 5595, 5449, 5277, 5702, 5609, 5631, 5511, 5618, 5681, 5464, 5589, 5324, 5524, 5284, 5495, 5290, 5463, 5461, 5582, 5670, 5716, 5371, 5578, 5321, 5493, 5380, 5387, 5349, 5695, 5460, 5399, 5661, 5270, 5513, 5264, 5332, 5642, 5523, 5466, 5341, 5643, 5355, 5422, 5312, 5336, 5514, 5534, 5515, 5271, 5597, 5537, 5568, 5712, 5617, 5607, 5384, 5635, 5545, 5554, 5629, 5400, 5527, 5561, 5315, 5645, 5547, 5623, 5667, 5531, 5663, 5415, 5292, 5430, 5316, 5533, 5265, 5647, 5409, 5557, 5651, 5467, 5659, 5328, 5483, 5412, 5432, 5556, 5482, 5544 (21 hits)
53	9	1.0	333.0	Yes	5540.0MHz, -64.0dBm	Hop sequence: 5432, 5283, 5661, 5338, 5659, 5332, 5656, 5280, 5382, 5519, 5593, 5719, 5445, 5403, 5299, 5569, 5444, 5492, 5540, 5297, 5465, 5372, 5251, 5352, 5326, 5658, 5261, 5651, 5502, 5499, 5482, 5385, 5468, 5383, 5389, 5627, 5289, 5511, 5330, 5603, 5366, 5407, 5365, 5435, 5608, 5339, 5442, 5321, 5634, 5711, 5662, 5700, 5590, 5347, 5578, 5601, 5547, 5360, 5637, 5255, 5522, 5620, 5716, 5378, 5401, 5707, 5685, 5532, 5523, 5400, 5657, 5611, 5695, 5430, 5301, 5524, 5557, 5710, 5517, 5538, 5525, 5458, 5414, 5270, 5515, 5678, 5692, 5470, 5325, 5459, 5384, 5315, 5380, 5698, 5510, 5415, 5469, 5250, 5623, 5495 (19 hits)
54	9	1.0	333.0	Yes	5541.0MHz, -64.0dBm	Hop sequence: 5536, 5404, 5583, 5352, 5509, 5476, 5454, 5376, 5351, 5647, 5377, 5357, 5497, 5718, 5660, 5676, 5540, 5518, 5439, 5645, 5611, 5460, 5584, 5327, 5308, 5316, 5545, 5558, 5448, 5381, 5423, 5701, 5435, 5328, 5422, 5500, 5312, 5592, 5468, 5687, 5378, 5623, 5362, 5282, 5420, 5306, 5258, 5383, 5683, 5698, 5292, 5429, 5675,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5706, 5374, 5705, 5461, 5425, 5605, 5674, 5490, 5693, 5271, 5519, 5719, 5359, 5618, 5382, 5395, 5555, 5463, 5538, 5270, 5380, 5465, 5571, 5402, 5300, 5444, 5648, 5641, 5702, 5451, 5349, 5502, 5535, 5416, 5568, 5428, 5414, 5295, 5574, 5290, 5309, 5393, 5680, 5317, 5436, 5528, 5602 (16 hits)
55	9	1.0	333.0	Yes	5542.0MHz, -64.0dBm	Hop sequence: 5435, 5400, 5533, 5263, 5720, 5392, 5262, 5528, 5543, 5305, 5360, 5586, 5413, 5505, 5669, 5271, 5608, 5452, 5307, 5620, 5273, 5272, 5621, 5655, 5714, 5672, 5363, 5394, 5422, 5698, 5638, 5594, 5583, 5612, 5428, 5517, 5712, 5383, 5600, 5660, 5552, 5649, 5569, 5418, 5355, 5695, 5382, 5258, 5469, 5277, 5381, 5701, 5353, 5486, 5488, 5290, 5676, 5265, 5506, 5546, 5679, 5300, 5581, 5516, 5541, 5497, 5706, 5405, 5496, 5603, 5705, 5503, 5713, 5339, 5646, 5564, 5687, 5289, 5526, 5696, 5665, 5444, 5567, 5703, 5724, 5700, 5624, 5590, 5480, 5653, 5677, 5661, 5637, 5250, 5463, 5487, 5443, 5441, 5380, 5442 (17 hits)
56	9	1.0	333.0	Yes	5543.0MHz, -64.0dBm	Hop sequence: 5463, 5656, 5440, 5354, 5461, 5302, 5552, 5279, 5596, 5441, 5468, 5580, 5412, 5630, 5335, 5410, 5491, 5372, 5342, 5430, 5701, 5460, 5704, 5350, 5378, 5258, 5422, 5465, 5520, 5300, 5587, 5261, 5597, 5605, 5310, 5641, 5529, 5645, 5712, 5626, 5445, 5625, 5375, 5612, 5681, 5414, 5546, 5484, 5522, 5349, 5698, 5323, 5721, 5425, 5601, 5271, 5265, 5475, 5286, 5636, 5387, 5713, 5379, 5700, 5365, 5424, 5282, 5677, 5328, 5319, 5339, 5631, 5367, 5371, 5409, 5691, 5573, 5598, 5481, 5619, 5381, 5709, 5260, 5451, 5308, 5549, 5427, 5402, 5269, 5288, 5477, 5675, 5523, 5345, 5368, 5627, 5518, 5594, 5428, 5327 (9 hits)
57	9	1.0	333.0	Yes	5544.0MHz, -64.0dBm	Hop sequence: 5483, 5413, 5692, 5415, 5472, 5719, 5278, 5578, 5258, 5541, 5705, 5513, 5392, 5494, 5688, 5464, 5373, 5590, 5306, 5598, 5380, 5293, 5495, 5367, 5530, 5378, 5573, 5618, 5522, 5386, 5343, 5627, 5544, 5629, 5551, 5670, 5451, 5611, 5445, 5374, 5432, 5679, 5449, 5372, 5268, 5681, 5364, 5453, 5649, 5640, 5271, 5405, 5612, 5672, 5521, 5489, 5328, 5314, 5547, 5624, 5511, 5295, 5396, 5532, 5698, 5714, 5628, 5385, 5376, 5553, 5661, 5274, 5416, 5539, 5260, 5259, 5636, 5476, 5659, 5709, 5556, 5338, 5570, 5713, 5584, 5525, 5309, 5438, 5331, 5603, 5599, 5560, 5298, 5454, 5375, 5465, 5545, 5699, 5717, 5389 (19 hits)
58	9	1.0	333.0	Yes	5545.0MHz, -64.0dBm	Hop sequence: 5444, 5380, 5703, 5596, 5639, 5689, 5531, 5410, 5659, 5449, 5544, 5336, 5343, 5497, 5706, 5390, 5349, 5505, 5685, 5334, 5675, 5273, 5468, 5619, 5579, 5445, 5606, 5604, 5515, 5592, 5422, 5653, 5286, 5647, 5290, 5375, 5529, 5638, 5402, 5439, 5614, 5412, 5316, 5708, 5352, 5532, 5346, 5300, 5335, 5493, 5418, 5671, 5289, 5607, 5348, 5690, 5285, 5631, 5588, 5495, 5297, 5267, 5643, 5299, 5648, 5452, 5473, 5451, 5494, 5406, 5387, 5463, 5580, 5253, 5701, 5391, 5674, 5488, 5678, 5575, 5428, 5525, 5587, 5536, 5450, 5403, 5569, 5601, 5254, 5603, 5480, 5338, 5620, 5573, 5623, 5472, 5357, 5697, 5358, 5658 (13 hits)
59	9	1.0	333.0	Yes	5546.0MHz, -64.0dBm	Hop sequence: 5718, 5550, 5336, 5276, 5617, 5542, 5603, 5639, 5306, 5374, 5685, 5515, 5368, 5650, 5309, 5351, 5594, 5684, 5607, 5296, 5613, 5694, 5606, 5547, 5364, 5357, 5377, 5534, 5518, 5264, 5384, 5563, 5581, 5530, 5470, 5461, 5345, 5698, 5519, 5335, 5363, 5310, 5681, 5312, 5669,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5410, 5376, 5256, 5574, 5451, 5290, 5313, 5492, 5623, 5480, 5365, 5383, 5453, 5442, 5512, 5273, 5565, 5330, 5531, 5551, 5409, 5417, 5366, 5382, 5458, 5405, 5710, 5329, 5441, 5381, 5612, 5435, 5360, 5566, 5708, 5689, 5471, 5316, 5720, 5452, 5434, 5591, 5649, 5725, 5503, 5401, 5300, 5356, 5675, 5362, 5411, 5636, 5449, 5307, 5479 (16 hits)
60	9	1.0	333.0	Yes	5547.0MHz, -64.0dBm	Hop sequence: 5322, 5337, 5452, 5272, 5454, 5652, 5378, 5278, 5713, 5367, 5315, 5372, 5493, 5441, 5640, 5701, 5558, 5682, 5417, 5593, 5609, 5331, 5635, 5660, 5275, 5626, 5595, 5582, 5292, 5254, 5369, 5680, 5261, 5492, 5611, 5591, 5471, 5502, 5511, 5310, 5485, 5466, 5381, 5482, 5317, 5329, 5462, 5398, 5570, 5702, 5695, 5383, 5430, 5490, 5394, 5602, 5271, 5501, 5457, 5444, 5448, 5432, 5528, 5527, 5616, 5716, 5358, 5363, 5474, 5373, 5590, 5475, 5330, 5651, 5366, 5437, 5443, 5260, 5505, 5715, 5447, 5538, 5409, 5468, 5364, 5281, 5477, 5706, 5464, 5405, 5305, 5567, 5615, 5580, 5440, 5338, 5335, 5576, 5578, 5344 (13 hits)
61	9	1.0	333.0	Yes	5548.0MHz, -64.0dBm	Hop sequence: 5626, 5455, 5580, 5677, 5591, 5416, 5581, 5420, 5609, 5348, 5301, 5289, 5459, 5340, 5726, 5295, 5671, 5542, 5620, 5335, 5315, 5430, 5366, 5619, 5622, 5673, 5471, 5547, 5594, 5612, 5465, 5451, 5488, 5386, 5683, 5675, 5657, 5466, 5565, 5508, 5439, 5698, 5278, 5503, 5693, 5516, 5280, 5273, 5484, 5441, 5372, 5436, 5571, 5378, 5696, 5403, 5395, 5633, 5296, 5627, 5428, 5269, 5308, 5515, 5539, 5365, 5550, 5377, 5572, 5352, 5659, 5506, 5328, 5333, 5456, 5310, 5708, 5496, 5323, 5568, 5585, 5341, 5632, 5639, 5355, 5354, 5498, 5709, 5489, 5473, 5272, 5381, 5483, 5604, 5423, 5588, 5564, 5400, 5342, 5509 (15 hits)
62	9	1.0	333.0	Yes	5549.0MHz, -64.0dBm	Hop sequence: 5490, 5367, 5256, 5541, 5306, 5272, 5707, 5639, 5488, 5400, 5295, 5584, 5718, 5715, 5311, 5346, 5351, 5348, 5550, 5698, 5477, 5388, 5452, 5681, 5379, 5486, 5607, 5649, 5497, 5457, 5697, 5413, 5298, 5646, 5254, 5470, 5717, 5530, 5613, 5673, 5645, 5564, 5250, 5624, 5622, 5654, 5261, 5370, 5688, 5586, 5299, 5399, 5293, 5706, 5450, 5358, 5461, 5436, 5596, 5320, 5502, 5364, 5599, 5684, 5554, 5672, 5659, 5352, 5328, 5581, 5568, 5341, 5579, 5383, 5333, 5407, 5626, 5582, 5290, 5357, 5562, 5393, 5540, 5356, 5723, 5527, 5345, 5632, 5556, 5260, 5628, 5394, 5484, 5395, 5589, 5282, 5602, 5504, 5695, 5513 (15 hits)
63	9	1.0	333.0	Yes	5550.0MHz, -64.0dBm	Hop sequence: 5576, 5577, 5414, 5319, 5282, 5387, 5675, 5434, 5382, 5348, 5623, 5634, 5331, 5501, 5492, 5568, 5269, 5444, 5572, 5700, 5612, 5550, 5711, 5716, 5580, 5458, 5599, 5411, 5437, 5466, 5494, 5698, 5250, 5546, 5454, 5654, 5465, 5696, 5553, 5660, 5419, 5720, 5511, 5535, 5430, 5590, 5400, 5561, 5536, 5424, 5658, 5661, 5294, 5548, 5457, 5567, 5315, 5351, 5686, 5488, 5293, 5519, 5621, 5389, 5646, 5397, 5682, 5636, 5595, 5474, 5332, 5521, 5628, 5663, 5556, 5517, 5313, 5360, 5448, 5300, 5544, 5383, 5369, 5476, 5328, 5399, 5402, 5649, 5638, 5358, 5323, 5503, 5713, 5320, 5689, 5509, 5361, 5445, 5385, 5401 (20 hits)
64	9	1.0	333.0	Yes	5551.0MHz, -64.0dBm	Hop sequence: 5565, 5407, 5325, 5263, 5687, 5705, 5723, 5381, 5375, 5365, 5562, 5339, 5622, 5442, 5545, 5661, 5323, 5720, 5650, 5251, 5520, 5591, 5489, 5648, 5674, 5709, 5436, 5267, 5276,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5485, 5333, 5628, 5530, 5299, 5416, 5585, 5670, 5551, 5630, 5516, 5359, 5646, 5357, 5480, 5477, 5384, 5664, 5444, 5273, 5531, 5341, 5422, 5689, 5559, 5618, 5713, 5595, 5602, 5274, 5265, 5668, 5361, 5577, 5439, 5685, 5603, 5625, 5660, 5483, 5374, 5464, 5666, 5492, 5568, 5686, 5377, 5335, 5296, 5403, 5427, 5313, 5611, 5498, 5682, 5270, 5560, 5497, 5300, 5566, 5433, 5667, 5571, 5703, 5505, 5538, 5671, 5540, 5314, 5297, 5402 (18 hits)
65	9	1.0	333.0	Yes	5552.0MHz, -64.0dBm	Hop sequence: 5265, 5718, 5440, 5509, 5548, 5321, 5724, 5617, 5306, 5296, 5632, 5373, 5489, 5654, 5479, 5657, 5372, 5501, 5543, 5721, 5577, 5573, 5609, 5381, 5726, 5635, 5567, 5445, 5541, 5687, 5545, 5643, 5485, 5478, 5255, 5570, 5656, 5625, 5370, 5602, 5723, 5576, 5325, 5250, 5483, 5592, 5554, 5532, 5340, 5596, 5455, 5442, 5678, 5290, 5295, 5530, 5538, 5594, 5496, 5316, 5453, 5633, 5274, 5268, 5689, 5540, 5423, 5413, 5282, 5444, 5461, 5675, 5528, 5331, 5473, 5262, 5288, 5476, 5417, 5608, 5498, 5677, 5714, 5710, 5279, 5526, 5588, 5646, 5322, 5517, 5254, 5465, 5350, 5339, 5547, 5650, 5695, 5713, 5327, 5574 (19 hits)
66	9	1.0	333.0	Yes	5553.0MHz, -64.0dBm	Hop sequence: 5265, 5301, 5545, 5719, 5428, 5255, 5530, 5525, 5628, 5642, 5572, 5514, 5389, 5272, 5531, 5312, 5289, 5253, 5509, 5575, 5496, 5266, 5492, 5456, 5567, 5483, 5686, 5501, 5404, 5284, 5555, 5371, 5337, 5317, 5608, 5481, 5252, 5313, 5296, 5513, 5662, 5448, 5624, 5316, 5534, 5437, 5523, 5609, 5453, 5615, 5618, 5409, 5271, 5593, 5351, 5484, 5302, 5277, 5470, 5711, 5455, 5465, 5710, 5659, 5311, 5661, 5504, 5304, 5562, 5597, 5723, 5678, 5387, 5498, 5689, 5578, 5425, 5606, 5626, 5394, 5655, 5436, 5360, 5502, 5384, 5327, 5462, 5268, 5644, 5561, 5679, 5452, 5264, 5638, 5601, 5376, 5319, 5259, 5282, 5482 (19 hits)
67	9	1.0	333.0	Yes	5554.0MHz, -64.0dBm	Hop sequence: 5588, 5292, 5708, 5278, 5347, 5364, 5470, 5508, 5585, 5589, 5421, 5610, 5297, 5507, 5437, 5382, 5664, 5274, 5469, 5383, 5556, 5632, 5676, 5565, 5579, 5366, 5557, 5343, 5668, 5641, 5648, 5492, 5627, 5527, 5682, 5320, 5591, 5299, 5344, 5306, 5367, 5390, 5304, 5688, 5581, 5545, 5328, 5351, 5378, 5624, 5356, 5451, 5418, 5375, 5571, 5562, 5273, 5342, 5646, 5358, 5687, 5439, 5669, 5386, 5385, 5559, 5463, 5488, 5699, 5478, 5453, 5311, 5371, 5553, 5532, 5380, 5279, 5636, 5598, 5523, 5633, 5349, 5318, 5500, 5599, 5651, 5368, 5411, 5282, 5696, 5405, 5522, 5534, 5611, 5362, 5702, 5671, 5497, 5726, 5419 (17 hits)
68	9	1.0	333.0	Yes	5555.0MHz, -64.0dBm	Hop sequence: 5361, 5413, 5560, 5362, 5460, 5514, 5548, 5387, 5440, 5576, 5469, 5524, 5354, 5607, 5274, 5566, 5311, 5592, 5392, 5504, 5539, 5486, 5478, 5627, 5520, 5661, 5424, 5516, 5429, 5305, 5668, 5451, 5583, 5450, 5422, 5395, 5698, 5272, 5456, 5264, 5258, 5568, 5557, 5562, 5581, 5572, 5660, 5664, 5714, 5441, 5317, 5321, 5700, 5251, 5599, 5715, 5695, 5589, 5480, 5669, 5339, 5447, 5575, 5477, 5608, 5340, 5367, 5419, 5438, 5265, 5500, 5431, 5634, 5663, 5306, 5281, 5396, 5625, 5273, 5479, 5448, 5399, 5694, 5418, 5355, 5400, 5682, 5631, 5296, 5642, 5519, 5351, 5427, 5444, 5275, 5310, 5324, 5470, 5439, 5588 (14 hits)
69	9	1.0	333.0	Yes	5556.0MHz, -64.0dBm	Hop sequence: 5681, 5686, 5412, 5347, 5268, 5682, 5586, 5485, 5344, 5635, 5631, 5333, 5409,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5370, 5556, 5673, 5667, 5475, 5396, 5640, 5645, 5426, 5379, 5646, 5612, 5292, 5668, 5376, 5609, 5663, 5493, 5610, 5388, 5600, 5305, 5596, 5253, 5554, 5488, 5724, 5583, 5282, 5399, 5425, 5263, 5413, 5393, 5570, 5323, 5577, 5519, 5288, 5324, 5450, 5280, 5675, 5674, 5375, 5478, 5641, 5580, 5621, 5625, 5279, 5541, 5304, 5472, 5354, 5338, 5373, 5509, 5435, 5486, 5342, 5303, 5468, 5453, 5480, 5463, 5551, 5294, 5414, 5584, 5416, 5704, 5535, 5381, 5490, 5702, 5585, 5275, 5503, 5692, 5637, 5721, 5526, 5261, 5300, 5623, 5604 (12 hits)
70	9	1.0	333.0	Yes	5557.0MHz, -64.0dBm	Hop sequence: 5319, 5650, 5407, 5590, 5571, 5317, 5509, 5322, 5606, 5662, 5708, 5624, 5490, 5523, 5720, 5414, 5681, 5616, 5291, 5674, 5438, 5646, 5517, 5515, 5637, 5628, 5330, 5306, 5722, 5557, 5670, 5348, 5545, 5287, 5310, 5572, 5698, 5629, 5663, 5508, 5416, 5252, 5498, 5482, 5315, 5657, 5316, 5388, 5362, 5318, 5702, 5559, 5466, 5550, 5683, 5366, 5669, 5595, 5265, 5489, 5332, 5436, 5253, 5406, 5277, 5583, 5385, 5427, 5620, 5459, 5717, 5474, 5273, 5605, 5381, 5458, 5497, 5603, 5593, 5323, 5611, 5269, 5529, 5544, 5553, 5282, 5437, 5643, 5268, 5507, 5548, 5478, 5486, 5526, 5630, 5292, 5694, 5648, 5721, 5433 (18 hits)
71	9	1.0	333.0	Yes	5558.0MHz, -64.0dBm	Hop sequence: 5605, 5350, 5356, 5704, 5689, 5423, 5373, 5724, 5451, 5424, 5532, 5701, 5473, 5416, 5427, 5269, 5349, 5284, 5390, 5381, 5419, 5320, 5621, 5606, 5611, 5619, 5556, 5437, 5268, 5474, 5595, 5441, 5567, 5714, 5628, 5460, 5712, 5479, 5446, 5635, 5344, 5563, 5587, 5327, 5348, 5646, 5334, 5675, 5369, 5347, 5561, 5573, 5586, 5312, 5287, 5346, 5361, 5657, 5465, 5671, 5514, 5364, 5443, 5672, 5413, 5589, 5721, 5633, 5457, 5629, 5410, 5257, 5386, 5483, 5647, 5500, 5636, 5288, 5649, 5597, 5644, 5256, 5484, 5638, 5271, 5456, 5569, 5436, 5495, 5525, 5717, 5670, 5504, 5374, 5428, 5528, 5588, 5697, 5499, 5620 (13 hits)
72	9	1.0	333.0	Yes	5559.0MHz, -64.0dBm	Hop sequence: 5552, 5275, 5661, 5547, 5634, 5325, 5624, 5339, 5454, 5707, 5389, 5501, 5701, 5408, 5475, 5610, 5487, 5516, 5697, 5723, 5555, 5636, 5461, 5491, 5281, 5344, 5324, 5375, 5695, 5708, 5587, 5683, 5471, 5462, 5284, 5669, 5262, 5290, 5540, 5649, 5684, 5720, 5305, 5429, 5422, 5470, 5270, 5456, 5372, 5591, 5483, 5655, 5342, 5504, 5682, 5460, 5318, 5464, 5419, 5709, 5300, 5567, 5390, 5562, 5515, 5492, 5514, 5311, 5267, 5589, 5404, 5287, 5367, 5712, 5573, 5700, 5512, 5398, 5722, 5505, 5295, 5532, 5596, 5291, 5265, 5315, 5425, 5526, 5260, 5618, 5607, 5387, 5394, 5527, 5536, 5510, 5299, 5598, 5468, 5366 (20 hits)
73	9	1.0	333.0	Yes	5560.0MHz, -64.0dBm	Hop sequence: 5397, 5636, 5359, 5365, 5257, 5528, 5668, 5564, 5347, 5642, 5299, 5445, 5622, 5706, 5502, 5310, 5486, 5547, 5373, 5584, 5625, 5370, 5311, 5290, 5421, 5580, 5404, 5284, 5589, 5676, 5276, 5667, 5289, 5609, 5560, 5691, 5342, 5260, 5699, 5558, 5688, 5435, 5537, 5471, 5383, 5411, 5669, 5595, 5426, 5283, 5647, 5351, 5298, 5305, 5417, 5253, 5723, 5509, 5372, 5360, 5532, 5685, 5282, 5263, 5267, 5722, 5479, 5303, 5363, 5629, 5287, 5707, 5518, 5644, 5476, 5683, 5563, 5369, 5540, 5357, 5582, 5628, 5418, 5439, 5440, 5627, 5702, 5380, 5681, 5603, 5478, 5658, 5367, 5344, 5350, 5675, 5496, 5725, 5513, 5376 (14 hits)

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
74	9	1.0	333.0	Yes	5561.0MHz, -64.0dBm	Hop sequence: 5588, 5388, 5601, 5706, 5269, 5714, 5646, 5656, 5380, 5375, 5670, 5643, 5571, 5317, 5573, 5628, 5489, 5325, 5359, 5267, 5610, 5343, 5621, 5485, 5673, 5553, 5647, 5513, 5642, 5350, 5336, 5422, 5460, 5450, 5476, 5434, 5385, 5507, 5373, 5258, 5590, 5414, 5523, 5324, 5440, 5634, 5378, 5444, 5344, 5447, 5289, 5521, 5374, 5487, 5472, 5506, 5277, 5405, 5723, 5563, 5356, 5700, 5639, 5593, 5312, 5479, 5474, 5638, 5340, 5718, 5259, 5542, 5552, 5539, 5668, 5658, 5465, 5281, 5517, 5345, 5606, 5346, 5622, 5364, 5616, 5529, 5278, 5569, 5564, 5653, 5459, 5437, 5629, 5691, 5660, 5636, 5681, 5457, 5320, 5619 (14 hits)
75	9	1.0	333.0	Yes	5562.0MHz, -64.0dBm	Hop sequence: 5512, 5508, 5271, 5475, 5554, 5471, 5467, 5387, 5496, 5674, 5450, 5479, 5430, 5530, 5344, 5317, 5333, 5607, 5544, 5636, 5314, 5359, 5449, 5291, 5565, 5389, 5514, 5303, 5428, 5535, 5370, 5630, 5337, 5634, 5701, 5410, 5724, 5553, 5642, 5711, 5572, 5365, 5539, 5525, 5492, 5255, 5595, 5719, 5690, 5275, 5267, 5403, 5618, 5678, 5379, 5582, 5463, 5495, 5726, 5443, 5391, 5675, 5398, 5382, 5586, 5519, 5536, 5610, 5700, 5646, 5287, 5254, 5330, 5521, 5697, 5281, 5549, 5721, 5348, 5313, 5490, 5304, 5600, 5335, 5558, 5347, 5277, 5647, 5709, 5316, 5573, 5639, 5434, 5715, 5524, 5368, 5571, 5722, 5318, 5687 (21 hits)
76	9	1.0	333.0	Yes	5563.0MHz, -64.0dBm	Hop sequence: 5338, 5298, 5659, 5384, 5328, 5683, 5645, 5256, 5439, 5279, 5603, 5286, 5524, 5377, 5405, 5373, 5380, 5614, 5654, 5616, 5514, 5632, 5481, 5594, 5545, 5655, 5314, 5605, 5479, 5598, 5367, 5565, 5516, 5353, 5476, 5430, 5408, 5483, 5355, 5658, 5259, 5360, 5471, 5724, 5719, 5492, 5255, 5449, 5451, 5285, 5536, 5272, 5354, 5293, 5318, 5549, 5283, 5583, 5503, 5343, 5396, 5634, 5689, 5692, 5428, 5370, 5261, 5465, 5629, 5562, 5440, 5403, 5463, 5563, 5612, 5510, 5698, 5548, 5512, 5667, 5648, 5660, 5543, 5540, 5460, 5682, 5706, 5664, 5276, 5577, 5331, 5639, 5530, 5674, 5642, 5526, 5454, 5693, 5557, 5411 (19 hits)
77	9	1.0	333.0	Yes	5564.0MHz, -64.0dBm	Hop sequence: 5607, 5410, 5310, 5720, 5559, 5268, 5660, 5387, 5258, 5476, 5481, 5626, 5274, 5593, 5330, 5561, 5529, 5286, 5275, 5318, 5358, 5655, 5303, 5482, 5588, 5434, 5704, 5709, 5448, 5612, 5578, 5313, 5375, 5491, 5403, 5454, 5422, 5526, 5502, 5508, 5703, 5503, 5400, 5433, 5640, 5295, 5273, 5340, 5639, 5426, 5266, 5591, 5589, 5638, 5323, 5556, 5715, 5428, 5542, 5298, 5279, 5548, 5420, 5306, 5713, 5568, 5719, 5401, 5651, 5657, 5650, 5309, 5320, 5280, 5492, 5594, 5587, 5477, 5424, 5582, 5421, 5580, 5292, 5659, 5602, 5564, 5264, 5553, 5558, 5494, 5670, 5269, 5686, 5437, 5302, 5633, 5444, 5595, 5445, 5550 (18 hits)
78	9	1.0	333.0	Yes	5565.0MHz, -64.0dBm	Hop sequence: 5521, 5498, 5304, 5686, 5293, 5490, 5482, 5504, 5629, 5478, 5609, 5320, 5407, 5595, 5500, 5376, 5641, 5598, 5532, 5388, 5458, 5696, 5349, 5375, 5572, 5343, 5496, 5353, 5321, 5477, 5413, 5705, 5507, 5460, 5305, 5266, 5551, 5508, 5426, 5398, 5710, 5671, 5437, 5455, 5363, 5664, 5703, 5536, 5655, 5346, 5533, 5453, 5680, 5515, 5281, 5679, 5675, 5392, 5390, 5264, 5702, 5613, 5411, 5720, 5619, 5512, 5583, 5492, 5443, 5693, 5566, 5313, 5272, 5409, 5330, 5493, 5401, 5447, 5557, 5704, 5553, 5473, 5497, 5456, 5396, 5312, 5695, 5554, 5627, 5486, 5406, 5386, 5383,

Table 92 - FCC frequency hopping radar (Type 6) Results 802.11ac 80MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5494, 5577, 5414, 5395, 5400, 5608, 5452 (22 hits)
79	9	1.0	333.0	Yes	5566.0MHz, -64.0dBm	Hop sequence: 5263, 5406, 5504, 5356, 5472, 5301, 5577, 5386, 5351, 5584, 5578, 5519, 5410, 5638, 5658, 5608, 5661, 5721, 5448, 5533, 5708, 5692, 5254, 5371, 5557, 5431, 5420, 5516, 5659, 5550, 5323, 5353, 5475, 5364, 5677, 5412, 5566, 5411, 5389, 5442, 5696, 5339, 5494, 5425, 5416, 5309, 5334, 5370, 5491, 5639, 5655, 5479, 5585, 5523, 5449, 5269, 5707, 5265, 5277, 5527, 5331, 5453, 5576, 5357, 5258, 5313, 5634, 5388, 5267, 5712, 5312, 5441, 5635, 5468, 5609, 5359, 5362, 5657, 5256, 5598, 5372, 5698, 5652, 5682, 5290, 5382, 5392, 5434, 5548, 5329, 5257, 5288, 5514, 5559, 5556, 5466, 5543, 5722, 5586, 5345 (16 hits)
80	9	1.0	333.0	Yes	5567.0MHz, -64.0dBm	Hop sequence: 5587, 5494, 5265, 5686, 5401, 5415, 5335, 5565, 5342, 5638, 5331, 5371, 5260, 5637, 5427, 5488, 5256, 5329, 5403, 5724, 5505, 5408, 5414, 5596, 5325, 5607, 5705, 5274, 5695, 5697, 5523, 5473, 5356, 5554, 5615, 5661, 5472, 5452, 5581, 5543, 5337, 5694, 5519, 5650, 5687, 5261, 5480, 5657, 5330, 5316, 5583, 5718, 5651, 5421, 5467, 5410, 5288, 5440, 5634, 5294, 5714, 5271, 5350, 5597, 5575, 5552, 5516, 5444, 5377, 5332, 5654, 5264, 5253, 5468, 5351, 5483, 5314, 5407, 5487, 5704, 5507, 5312, 5693, 5300, 5611, 5579, 5712, 5344, 5639, 5571, 5378, 5515, 5380, 5522, 5462, 5441, 5365, 5692, 5280, 5628 (12 hits)
81	9	1.0	333.0	Yes	5568.0MHz, -64.0dBm	Hop sequence: 5669, 5548, 5366, 5571, 5468, 5273, 5416, 5564, 5488, 5446, 5486, 5272, 5493, 5697, 5574, 5512, 5682, 5540, 5711, 5379, 5373, 5626, 5550, 5606, 5318, 5476, 5435, 5328, 5304, 5387, 5659, 5317, 5630, 5595, 5306, 5405, 5274, 5472, 5307, 5679, 5662, 5569, 5621, 5615, 5334, 5670, 5721, 5584, 5452, 5668, 5592, 5720, 5336, 5683, 5520, 5370, 5673, 5661, 5692, 5487, 5624, 5258, 5526, 5657, 5419, 5264, 5713, 5280, 5663, 5404, 5628, 5566, 5406, 5530, 5401, 5594, 5580, 5263, 5457, 5372, 5570, 5565, 5688, 5648, 5532, 5403, 5301, 5386, 5252, 5310, 5635, 5308, 5572, 5253, 5579, 5567, 5329, 5455, 5278, 5428 (15 hits)

Table 93 - Long Sequence Waveform Summary 802.11ac 80MHz		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5530.0MHz, -64.0dBm
Trial #2	Detected	5525.0MHz, -64.0dBm
Trial #3	Detected	5520.0MHz, -64.0dBm
Trial #4	Detected	5515.0MHz, -64.0dBm
Trial #5	Detected	5510.0MHz, -64.0dBm
Trial #6	Detected	5505.0MHz, -64.0dBm
Trial #7	Detected	5500.0MHz, -64.0dBm
Trial #8	Detected	5560.0MHz, -64.0dBm
Trial #9	Detected	5555.0MHz, -64.0dBm
Trial #10	NOT Detected	5550.0MHz, -64.0dBm
Trial #11	Detected	5545.0MHz, -64.0dBm
Trial #12	Detected	5540.0MHz, -64.0dBm
Trial #13	Detected	5535.0MHz, -64.0dBm

Table 93 - Long Sequence Waveform Summary 802.11ac 80MHz		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #14	Detected	5530.0MHz, -64.0dBm
Trial #15	Detected	5525.0MHz, -64.0dBm
Trial #16	Detected	5520.0MHz, -64.0dBm
Trial #17	Detected	5515.0MHz, -64.0dBm
Trial #18	Detected	5510.0MHz, -64.0dBm
Trial #19	Detected	5505.0MHz, -64.0dBm
Trial #20	Detected	5500.0MHz, -64.0dBm
Trial #21	Detected	5560.0MHz, -64.0dBm
Trial #22	Detected	5555.0MHz, -64.0dBm
Trial #23	Detected	5550.0MHz, -64.0dBm
Trial #24	Detected	5545.0MHz, -64.0dBm
Trial #25	Detected	5540.0MHz, -64.0dBm
Trial #26	Detected	5535.0MHz, -64.0dBm
Trial #27	Detected	5530.0MHz, -64.0dBm
Trial #28	Detected	5525.0MHz, -64.0dBm
Trial #29	Detected	5520.0MHz, -64.0dBm
Trial #30	Detected	5515.0MHz, -64.0dBm

Table 94 - Long Sequence Waveform Trial#1 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.4	6	1099.0	-	0.102859
2	1	82.9	12	-	-	0.872422
3	3	70.5	16	1112.0	1157.0	1.654218
4	3	52.2	7	1435.0	1208.0	1.950751
5	3	93.7	11	1214.0	1453.0	2.511708
6	3	74.7	7	1972.0	1232.0	3.487190
7	3	63.9	14	1459.0	1376.0	3.864415
8	2	50.9	19	1685.0	-	4.336199
9	2	86.3	18	1312.0	-	5.106726
10	3	54.0	9	1688.0	1799.0	5.692195
11	1	51.4	8	-	-	6.046933
12	1	59.1	8	-	-	6.858974
13	3	52.9	15	1089.0	1382.0	7.498082
14	1	73.1	19	-	-	8.151101
15	2	51.5	14	1190.0	-	8.913934
16	3	72.7	15	1277.0	1001.0	9.344001
17	1	81.1	19	-	-	9.602912
18	3	53.8	11	1291.0	1949.0	10.385383
19	3	58.7	14	1222.0	1478.0	11.004639
20	1	85.5	14	-	-	11.587787

Table 95 - Long Sequence Waveform Trial#2 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	89.8	13	1214.0	1127.0	0.517843
2	3	76.7	6	1555.0	1764.0	2.653265
3	3	98.0	9	1533.0	1434.0	4.050441
4	2	61.2	5	1673.0	-	5.432726
5	2	86.3	13	1581.0	-	6.417199
6	1	63.4	20	-	-	8.067012
7	1	88.4	12	-	-	9.687340
8	1	74.0	18	-	-	11.763703

Table 96 - Long Sequence Waveform Trial#3 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	90.8	15	1872.0	1654.0	0.290091
2	3	78.4	17	1234.0	1759.0	2.313232
3	1	56.6	18	-	-	3.632491
4	1	69.5	16	-	-	4.105586
5	2	56.5	14	1660.0	-	5.556521
6	2	68.6	8	1596.0	-	7.257812
7	3	58.4	5	1127.0	1344.0	8.472256
8	2	98.2	18	1515.0	-	10.479397
9	3	78.4	8	1829.0	1591.0	11.651185

Table 97 - Long Sequence Waveform Trial#4 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	88.9	17	1986.0	1622.0	0.440398
2	1	64.4	10	-	-	1.963785
3	2	54.0	15	1178.0	-	3.031295
4	1	82.4	19	-	-	4.522720
5	3	75.2	13	1495.0	1988.0	4.976533
6	1	83.5	8	-	-	7.020322
7	2	67.4	6	1181.0	-	8.147096
8	1	83.7	18	-	-	9.081458
9	2	84.3	8	1176.0	-	9.848865
10	1	92.2	8	-	-	11.514075

Table 98 - Long Sequence Waveform Trial#5 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	53.1	10	-	-	0.546173
2	2	70.8	11	1803.0	-	1.444067
3	1	87.8	6	-	-	2.938846
4	1	99.4	12	-	-	3.493722
5	2	57.5	10	1733.0	-	4.329419
6	2	56.4	6	1072.0	-	5.304812
7	2	53.6	14	1435.0	-	6.987557
8	1	96.8	16	-	-	7.101506
9	2	86.6	7	1908.0	-	8.935856
10	2	81.4	11	1352.0	-	9.846346
11	3	80.8	16	1058.0	1537.0	10.098541
12	1	50.7	13	-	-	11.594523

Table 99 - Long Sequence Waveform Trial#6 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.7	12	1974.0	-	0.077831
2	1	73.1	7	-	-	1.433306
3	1	83.5	17	-	-	3.237267
4	1	74.0	19	-	-	3.672295
5	2	69.6	7	1313.0	-	4.595250
6	3	65.2	16	1711.0	1841.0	5.499455
7	1	58.5	8	-	-	7.046073
8	2	91.2	16	1443.0	-	7.927546
9	1	80.8	18	-	-	9.673524
10	3	92.4	9	1555.0	1583.0	9.844013
11	2	53.6	19	1150.0	-	11.660843

Table 100 - Long Sequence Waveform Trial#7 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.4	16	1468.0	-	0.336161
2	2	52.3	6	1727.0	-	1.872262
3	3	54.1	17	1954.0	1596.0	2.042643
4	3	57.3	18	1730.0	1268.0	3.323916
5	2	71.0	8	1921.0	-	4.637885
6	1	74.3	15	-	-	5.453551
7	2	77.2	9	1480.0	-	6.179214
8	1	77.0	19	-	-	7.100810
9	1	80.8	18	-	-	8.509837
10	2	96.6	7	1181.0	-	9.521301
11	1	51.5	19	-	-	10.821437
12	3	92.1	8	1028.0	1232.0	11.588694

Table 101 - Long Sequence Waveform Trial#8 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	98.1	12	1211.0	-	0.107009
2	3	89.9	11	1613.0	1729.0	0.821242
3	2	56.7	15	1382.0	-	1.481387
4	1	94.0	11	-	-	2.521180
5	3	61.4	6	1936.0	1607.0	3.068813
6	2	71.3	10	1410.0	-	4.124040
7	2	82.6	11	1526.0	-	4.481624
8	3	84.5	20	1238.0	1244.0	5.584008
9	2	76.0	16	1385.0	-	6.257641
10	3	72.9	8	1751.0	1508.0	6.570438
11	3	56.1	8	1012.0	1692.0	7.369655
12	3	75.7	14	1712.0	1021.0	7.932872
13	1	69.4	15	-	-	8.535232
14	3	82.6	11	1858.0	1303.0	9.546740
15	1	51.3	16	-	-	9.994615
16	2	50.3	6	1662.0	-	11.052314
17	2	78.1	12	1862.0	-	11.361996

Table 102 - Long Sequence Waveform Trial#9 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.6	6	1552.0	-	0.107528
2	1	67.9	10	-	-	1.057602
3	2	83.2	14	1113.0	-	1.669643
4	3	73.7	9	1942.0	1570.0	2.381147
5	2	73.7	9	1192.0	-	2.731121
6	3	57.9	6	1763.0	1175.0	3.360106
7	3	99.5	6	1567.0	1331.0	4.255099
8	3	79.3	16	1762.0	1852.0	5.023659
9	1	70.0	15	-	-	5.351405
10	1	78.5	8	-	-	6.233701
11	1	94.8	10	-	-	6.936963
12	2	72.0	9	1279.0	-	7.523984
13	2	76.2	9	1780.0	-	7.771957
14	2	58.1	19	1351.0	-	8.705986
15	3	65.1	15	1862.0	1052.0	9.399659
16	3	70.3	20	1519.0	1720.0	9.567523
17	2	88.5	15	1874.0	-	10.158705
18	2	51.8	20	1395.0	-	11.215959
19	2	65.4	8	1850.0	-	11.876994

Table 103 - Long Sequence Waveform Trial#10 (NOT Detected) 802.11ac 80MHz						
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	1787.0	-	0.393738
2	3	91.6	16	1400.0	1260.0	1.084076
3	3	74.6	9	1610.0	1912.0	2.065545
4	1	78.9	11	-	-	2.955725
5	1	62.4	16	-	-	3.737833
6	1	58.5	6	-	-	4.899665
7	3	66.2	13	1991.0	1347.0	5.701427
8	2	71.8	17	1668.0	-	7.331467
9	3	70.7	20	1059.0	1523.0	7.936616
10	1	64.5	13	-	-	8.384113
11	2	75.2	10	1348.0	-	9.268092
12	2	63.9	19	1891.0	-	10.424607
13	2	90.7	11	1892.0	-	11.558415

Table 104 - Long Sequence Waveform Trial#11 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.1	10	1300.0	-	0.640663
2	3	78.6	14	1116.0	1071.0	1.087984
3	3	96.3	10	1441.0	1681.0	1.628972
4	3	85.3	7	1065.0	1654.0	2.086874
5	3	52.5	19	1348.0	1561.0	3.299980
6	3	99.7	13	1484.0	1363.0	3.690165
7	1	78.1	7	-	-	4.333030
8	3	89.7	12	1605.0	1441.0	5.263104
9	2	72.5	12	1873.0	-	5.792506
10	2	62.4	6	1741.0	-	6.105781
11	2	96.4	16	1382.0	-	6.832839
12	2	96.9	16	1758.0	-	7.717526
13	1	52.0	5	-	-	8.519044
14	1	59.9	14	-	-	9.172367
15	1	83.5	19	-	-	9.981908
16	1	88.8	6	-	-	10.266768
17	2	80.5	12	1863.0	-	11.104942
18	2	63.9	20	1449.0	-	11.914385

Table 105 - Long Sequence Waveform Trial#12 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.5	13	1794.0	-	0.043653
2	1	54.7	8	-	-	1.493614
3	2	73.3	18	1372.0	-	2.611693
4	1	75.2	17	-	-	3.364786
5	3	75.0	16	1521.0	1492.0	4.243323
6	2	65.9	16	1092.0	-	5.963272
7	2	80.6	6	1104.0	-	6.615907
8	1	68.5	11	-	-	7.865425
9	1	85.7	5	-	-	8.193604
10	2	85.5	10	1870.0	-	9.496508
11	3	97.4	15	1726.0	1640.0	10.880618
12	3	54.3	14	1063.0	1184.0	11.016632

Table 106 - Long Sequence Waveform Trial#13 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	97.0	15	1096.0	1759.0	0.079422
2	1	99.4	11	-	-	1.999833
3	2	98.4	15	1700.0	-	3.102275
4	2	96.0	18	1983.0	-	3.951046
5	2	67.2	14	1506.0	-	5.029834
6	2	89.0	16	1697.0	-	6.414491
7	2	77.8	14	1896.0	-	7.305491
8	1	88.7	20	-	-	8.909516
9	2	81.3	18	1351.0	-	10.464998
10	2	62.1	18	1234.0	-	11.722528

Table 107 - Long Sequence Waveform Trial#14 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	91.8	14	-	-	1.079974
2	2	69.2	8	1520.0	-	1.547536
3	1	50.1	7	-	-	3.490555
4	3	70.4	12	1011.0	1735.0	3.831072
5	1	52.5	8	-	-	5.054961
6	2	52.1	14	1305.0	-	7.174391
7	1	73.1	15	-	-	7.300561
8	3	87.1	19	1572.0	1163.0	8.733213
9	2	97.8	9	1597.0	-	10.343371
10	2	67.3	19	1026.0	-	11.920601

Table 108 - Long Sequence Waveform Trial#15 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	87.8	15	-	-	0.324384
2	2	70.2	12	1660.0	-	1.254261
3	2	93.6	10	1087.0	-	1.525164
4	1	53.7	10	-	-	2.777958
5	1	73.2	9	-	-	3.380151
6	2	50.4	12	1271.0	-	3.850670
7	2	63.3	16	1585.0	-	4.413056
8	3	95.1	10	1943.0	1743.0	5.470794
9	2	68.5	16	1017.0	-	5.882782
10	2	62.5	14	1943.0	-	6.694536
11	3	55.3	16	1095.0	1442.0	7.313414
12	2	71.4	10	1011.0	-	8.064751
13	2	82.4	14	1595.0	-	9.125374
14	2	83.9	19	1328.0	-	9.675290
15	2	73.3	17	1303.0	-	10.420606
16	1	63.4	17	-	-	11.126202
17	2	63.1	11	1699.0	-	11.576779

Table 109 - Long Sequence Waveform Trial#16 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.1	13	1045.0	-	0.472088
2	2	85.9	16	1979.0	-	0.879715
3	3	61.1	14	1472.0	1164.0	1.714672
4	2	77.6	16	1091.0	-	2.069963
5	1	78.0	9	-	-	2.520542
6	2	67.9	9	1874.0	-	3.462794
7	2	91.3	10	1328.0	-	3.834995
8	1	88.7	8	-	-	4.794753
9	1	93.7	14	-	-	5.131000
10	2	63.8	14	1204.0	-	5.834401
11	1	74.2	12	-	-	6.129886
12	1	62.9	17	-	-	7.086911
13	2	75.0	6	1369.0	-	7.572219
14	1	98.1	17	-	-	8.337677
15	2	95.9	11	1562.0	-	8.874212
16	2	80.2	6	1154.0	-	9.425047
17	1	83.0	8	-	-	10.008383
18	1	73.9	12	-	-	10.691184
19	2	57.1	20	1944.0	-	11.180970
20	2	71.0	15	1742.0	-	11.876475

Table 110 - Long Sequence Waveform Trial#17 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	75.9	7	1983.0	-	0.111072
2	2	79.9	7	1062.0	-	0.827929
3	1	56.6	19	-	-	1.629951
4	2	91.4	11	1994.0	-	2.720763
5	3	94.7	20	1230.0	1823.0	2.949792
6	2	55.6	18	1392.0	-	3.605924
7	2	80.1	12	1183.0	-	4.390451
8	3	53.6	8	1473.0	1870.0	5.167253
9	1	56.2	6	-	-	6.291144
10	2	57.4	12	1766.0	-	7.000159
11	2	96.7	7	1912.0	-	7.395768
12	2	91.9	19	1826.0	-	7.961140
13	2	91.8	6	1151.0	-	8.850522
14	3	75.8	18	1405.0	1318.0	9.442248
15	2	52.9	11	1026.0	-	10.236564
16	2	93.1	5	1553.0	-	11.240145
17	1	53.8	9	-	-	11.676114

Table 111 - Long Sequence Waveform Trial#18 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.1	18	1999.0	-	0.547720
2	3	71.3	18	1689.0	1225.0	0.802364
3	3	95.9	12	1551.0	1542.0	2.045748
4	2	77.8	6	1596.0	-	3.195167
5	2	65.4	7	1193.0	-	3.463150
6	2	94.9	19	1653.0	-	4.214926
7	2	72.8	16	1097.0	-	5.434004
8	3	84.7	11	1932.0	1725.0	6.016729
9	2	59.5	9	1022.0	-	6.614971
10	1	53.5	8	-	-	7.738175
11	2	86.2	6	1567.0	-	8.386146
12	2	70.0	19	1469.0	-	8.880190
13	1	82.2	16	-	-	10.389505
14	2	63.0	13	1973.0	-	11.120881
15	2	71.7	14	1242.0	-	11.484984

Table 112 - Long Sequence Waveform Trial#19 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	86.6	8	1406.0	-	0.732385
2	2	71.3	10	1195.0	-	1.136403
3	2	79.6	5	1511.0	-	2.194099
4	2	94.7	8	1522.0	-	2.797232
5	2	57.5	12	1799.0	-	3.618348
6	1	76.1	8	-	-	4.195402
7	2	81.5	17	1672.0	-	4.846193
8	3	59.8	19	1259.0	1066.0	5.686498
9	2	54.6	18	1020.0	-	6.484991
10	2	91.5	17	1381.0	-	7.610833
11	1	70.1	16	-	-	8.023747
12	2	60.0	13	1316.0	-	9.138995
13	3	55.1	8	1962.0	1363.0	10.060680
14	1	95.1	18	-	-	10.720832
15	2	61.1	13	1968.0	-	11.870603

Table 113 - Long Sequence Waveform Trial#20 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	86.4	5	1579.0	-	0.038849
2	2	57.0	17	1142.0	-	1.385421
3	1	92.4	20	-	-	2.524629
4	2	99.6	16	1302.0	-	3.997981
5	3	79.0	19	1624.0	1456.0	4.454242
6	2	55.6	19	1717.0	-	5.044909
7	2	77.9	8	1707.0	-	6.724683
8	2	72.5	20	1394.0	-	7.173687
9	1	58.5	15	-	-	8.689798
10	2	75.3	8	1414.0	-	9.843144
11	2	69.8	19	1105.0	-	10.091612
12	1	57.3	8	-	-	11.471873

Table 114 - Long Sequence Waveform Trial#21 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	87.5	18	1809.0	1635.0	0.453618
2	2	67.5	18	1362.0	-	2.025104
3	3	65.4	16	1976.0	1058.0	2.393643
4	1	71.8	18	-	-	4.260840
5	1	94.4	16	-	-	5.014673
6	2	93.6	7	1614.0	-	6.169284
7	2	60.3	13	1213.0	-	7.128558
8	2	82.8	13	1859.0	-	8.081280
9	2	87.2	14	1302.0	-	9.059672
10	3	97.7	17	1384.0	1080.0	9.831619
11	2	90.0	10	1089.0	-	11.507453

Table 115 - Long Sequence Waveform Trial#22 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.1	6	1022.0	-	0.686137
2	3	53.0	12	1878.0	1010.0	1.436548
3	2	83.9	18	1591.0	-	2.207362
4	3	68.9	15	1255.0	1358.0	2.717527
5	1	87.9	6	-	-	3.525158
6	2	79.2	20	1625.0	-	4.941083
7	3	72.9	12	1328.0	1157.0	5.225522
8	1	94.5	15	-	-	6.542486
9	2	57.3	10	1737.0	-	7.641270
10	3	82.0	6	1839.0	1854.0	8.219071
11	2	91.4	9	1808.0	-	9.411578
12	2	55.9	16	1232.0	-	10.188888
13	1	82.5	18	-	-	10.464658
14	2	97.3	10	1939.0	-	11.259690

Table 116 - Long Sequence Waveform Trial#23 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.3	14	1345.0	-	0.064871
2	3	96.3	12	1279.0	1736.0	1.280199
3	1	68.1	18	-	-	2.029225
4	2	92.8	15	1877.0	-	3.189751
5	3	98.9	12	1105.0	1566.0	4.583752
6	2	58.9	12	1535.0	-	4.748745
7	2	88.0	17	1596.0	-	6.324895
8	2	72.6	9	1471.0	-	6.881190
9	2	92.5	12	1865.0	-	7.876423
10	2	76.7	14	1401.0	-	8.992796
11	2	88.4	14	1140.0	-	9.598253
12	2	87.4	18	1081.0	-	10.354887
13	3	78.2	8	1674.0	1198.0	11.356818

Table 117 - Long Sequence Waveform Trial#24 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	92.4	7	1159.0	-	0.056804
2	2	82.0	18	1291.0	-	0.852539
3	3	90.9	13	1262.0	1166.0	1.338600
4	1	65.7	14	-	-	2.037162
5	1	94.3	18	-	-	2.985317
6	1	62.3	7	-	-	3.166876
7	2	86.9	19	1844.0	-	4.366291
8	3	100.0	7	1506.0	1320.0	4.541212
9	3	78.7	8	1139.0	1863.0	5.429640
10	1	70.0	20	-	-	5.874198
11	1	56.4	20	-	-	6.352845
12	2	80.0	11	1242.0	-	7.134077
13	2	70.5	13	1977.0	-	7.957537
14	1	79.2	12	-	-	8.307772
15	3	77.1	8	1051.0	1524.0	9.131165
16	2	64.5	11	1205.0	-	10.048203
17	3	64.7	6	1870.0	1256.0	10.215718
18	2	99.9	13	1983.0	-	11.128395
19	1	54.8	11	-	-	11.851808

Table 118 - Long Sequence Waveform Trial#25 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	98.9	16	1013.0	-	0.412382
2	1	88.4	19	-	-	1.509912
3	3	75.6	9	1656.0	1862.0	3.756741
4	2	66.2	14	1835.0	-	4.517898
5	3	75.6	20	1941.0	1190.0	5.473558
6	1	57.0	14	-	-	6.749790
7	3	96.6	9	1988.0	1328.0	8.629074
8	2	60.4	12	1353.0	-	10.216120
9	3	88.9	8	1095.0	1859.0	10.689120

Table 119 - Long Sequence Waveform Trial#26 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.8	10	1789.0	-	0.387749
2	2	71.8	18	1082.0	-	1.127168
3	2	98.8	6	1124.0	-	1.826015
4	2	58.0	12	1330.0	-	2.193680
5	2	71.9	9	1481.0	-	2.544092
6	2	64.6	17	1932.0	-	3.643557
7	1	81.7	16	-	-	4.125543
8	2	54.3	12	1242.0	-	4.971591
9	2	67.6	8	1483.0	-	5.633136
10	2	59.0	12	1318.0	-	5.997206
11	3	50.2	12	1543.0	1427.0	6.428901
12	2	76.3	18	1428.0	-	7.457097
13	1	82.3	6	-	-	7.737250
14	2	89.2	6	1189.0	-	8.819037
15	3	79.0	18	1946.0	1092.0	9.226136
16	2	67.7	17	1659.0	-	9.925900
17	2	70.2	15	1718.0	-	10.616913
18	3	88.2	13	1684.0	1667.0	11.282673
19	3	74.6	6	1114.0	1969.0	11.447489

Table 120 - Long Sequence Waveform Trial#27 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.7	6	1688.0	-	0.503156
2	2	100.0	8	1579.0	-	0.940372
3	2	63.4	9	1744.0	-	1.579410
4	3	75.0	16	1025.0	1067.0	2.327426
5	2	85.5	12	1413.0	-	2.724797
6	2	67.6	11	1513.0	-	3.019439
7	1	83.9	18	-	-	3.953306
8	3	73.4	13	1773.0	1508.0	4.326444
9	3	53.4	10	1143.0	1240.0	5.012702
10	2	78.9	14	1754.0	-	5.409304
11	3	94.3	15	1303.0	1454.0	6.130276
12	1	85.3	17	-	-	6.978788
13	1	83.9	16	-	-	7.445573
14	2	86.2	17	1470.0	-	7.857809
15	1	94.3	18	-	-	8.850360
16	3	90.7	13	1676.0	1642.0	9.159425
17	2	78.2	16	1700.0	-	10.074452
18	1	51.5	14	-	-	10.614761
19	2	62.5	13	1771.0	-	10.805108
20	3	54.6	12	1455.0	1731.0	11.846158

Table 121 - Long Sequence Waveform Trial#28 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	60.9	15	1382.0	1197.0	0.057418
2	2	77.6	16	1961.0	-	1.406745
3	1	87.6	15	-	-	1.542461
4	3	90.1	10	1911.0	1893.0	2.600534
5	2	54.9	6	1829.0	-	3.520561
6	1	68.1	8	-	-	3.640246
7	3	83.0	6	1341.0	1330.0	4.752446
8	2	60.3	10	1381.0	-	5.627865
9	2	52.3	8	1683.0	-	6.107103
10	2	59.3	7	1320.0	-	6.421089
11	3	69.8	6	1468.0	1494.0	7.713293
12	2	81.6	12	1825.0	-	8.362693
13	1	96.1	11	-	-	8.920633
14	2	66.5	9	1821.0	-	9.397973
15	2	87.7	17	1206.0	-	10.028264
16	2	51.3	19	1698.0	-	11.004706
17	2	66.9	14	1265.0	-	11.387480

Table 122 - Long Sequence Waveform Trial#29 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	59.1	17	1945.0	-	1.086104
2	3	64.2	19	1981.0	1341.0	1.999342
3	2	54.8	18	1866.0	-	3.456089
4	2	98.4	6	1875.0	-	5.097976
5	1	65.5	9	-	-	6.652436
6	1	56.0	14	-	-	7.635998
7	2	93.8	7	1858.0	-	9.153269
8	1	58.9	8	-	-	9.392016
9	2	84.6	6	1951.0	-	10.841719

Table 123 - Long Sequence Waveform Trial#30 (Detected) 802.11ac 80MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	85.7	12	1697.0	-	0.050966
2	3	55.8	13	1178.0	1732.0	0.900838
3	1	94.8	14	-	-	1.452474
4	3	64.7	8	1551.0	1241.0	1.908125
5	3	74.8	18	1638.0	1793.0	2.759009
6	3	79.0	8	1175.0	1004.0	3.279200
7	2	51.4	18	1763.0	-	3.796854
8	3	98.7	15	1601.0	1423.0	4.950147
9	3	88.2	9	1918.0	1200.0	5.657152
10	2	51.7	7	1129.0	-	5.898466
11	2	50.6	13	1381.0	-	6.360718
12	1	55.6	20	-	-	7.300343
13	2	99.5	9	1250.0	-	7.982175
14	3	74.8	5	1787.0	1221.0	8.660291
15	1	57.8	7	-	-	8.925437
16	1	89.2	14	-	-	9.649217
17	2	53.7	5	1468.0	-	10.725059
18	1	96.3	16	-	-	11.247567
19	3	58.6	6	1775.0	1979.0	11.870616

Appendix C Test Data Tables and Plots for Channel Closing

FCC PART 15 SUBPART E Channel Closing Measurements

Table 124 - 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 0	0 ms	60 ms	0.042 s	10 s	Pass

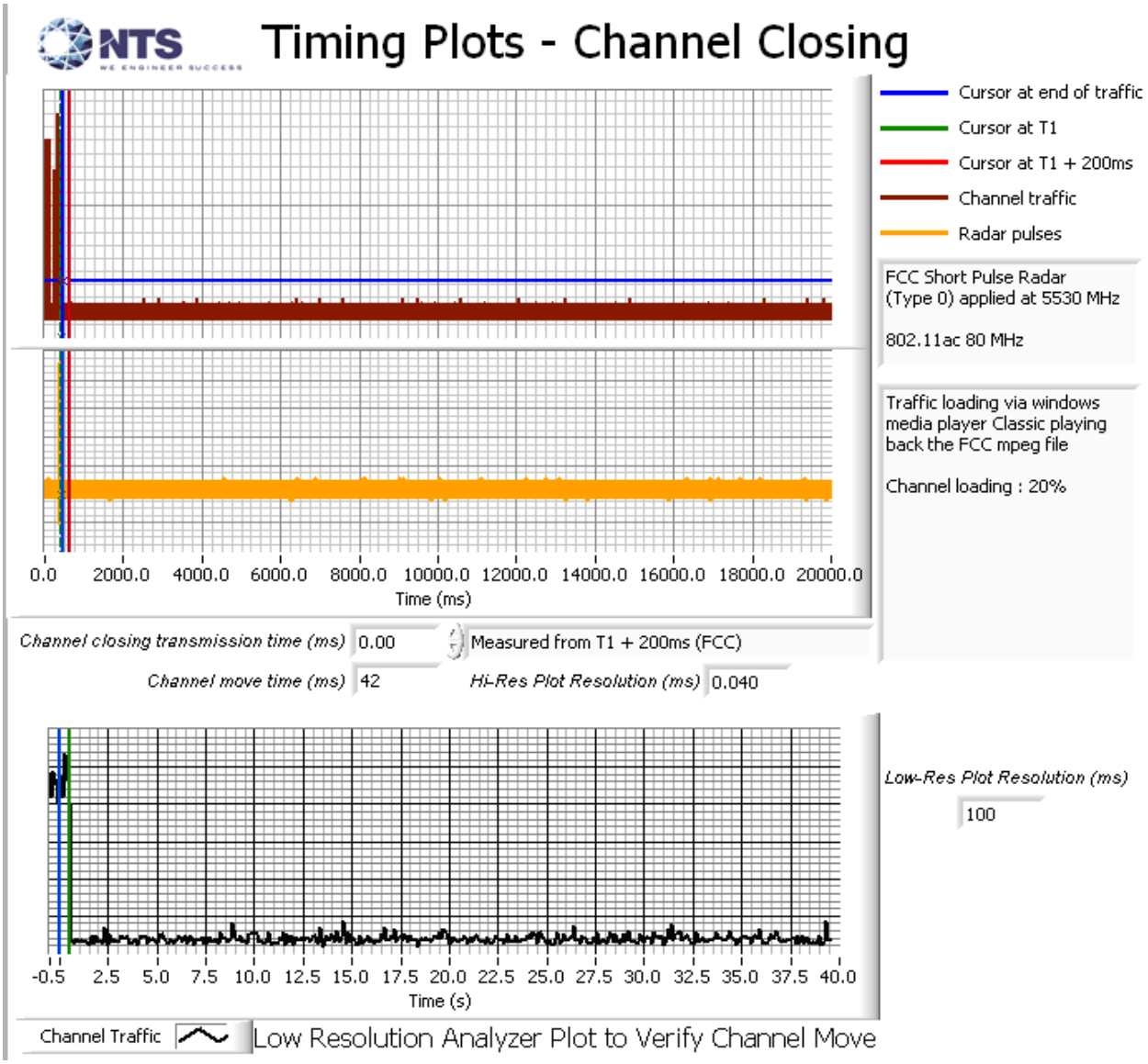

Figure 12 Channel Closing Time and Channel Move Time (80MHz) – 40 second plot

[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.

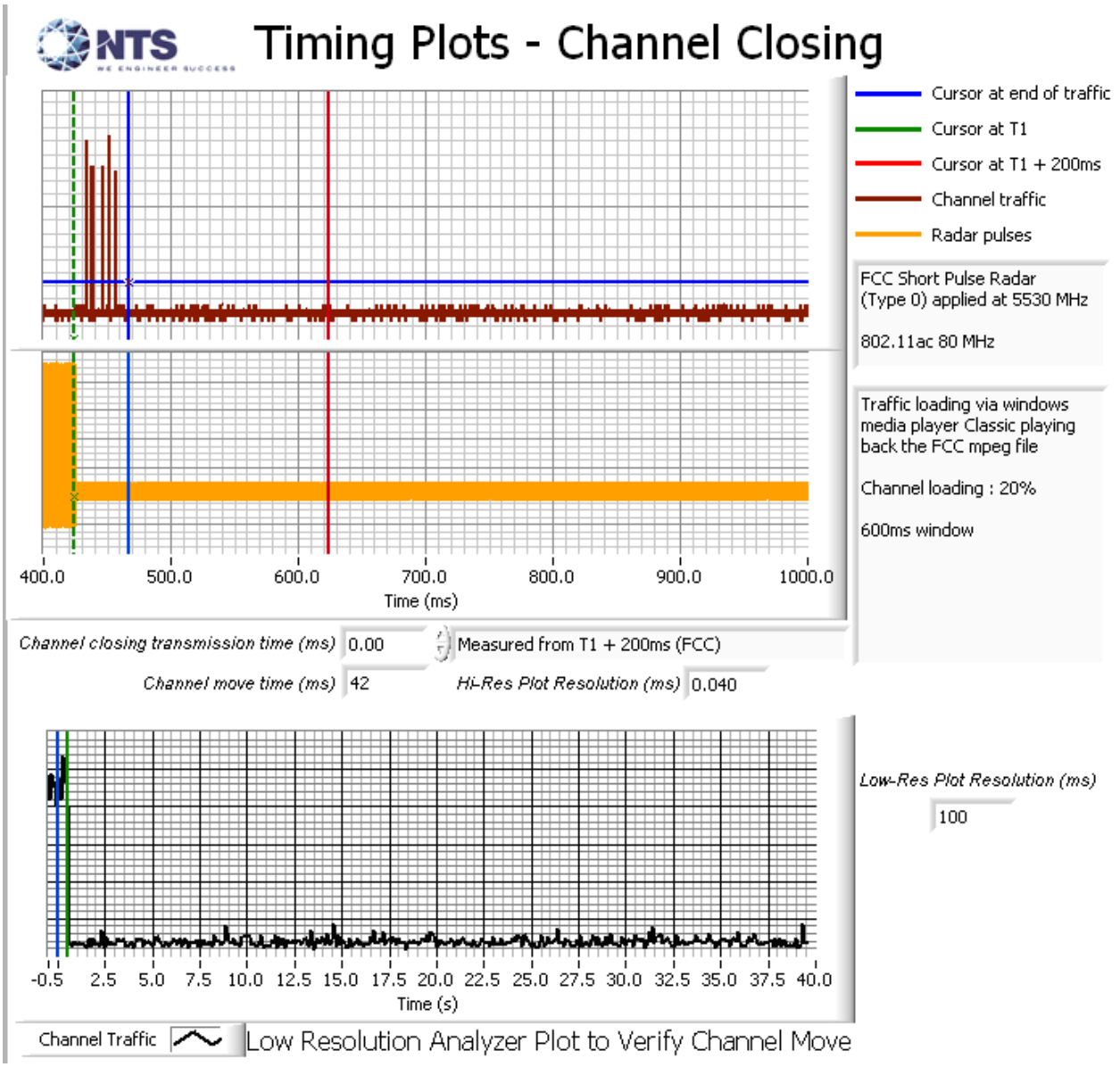

Figure 13 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar

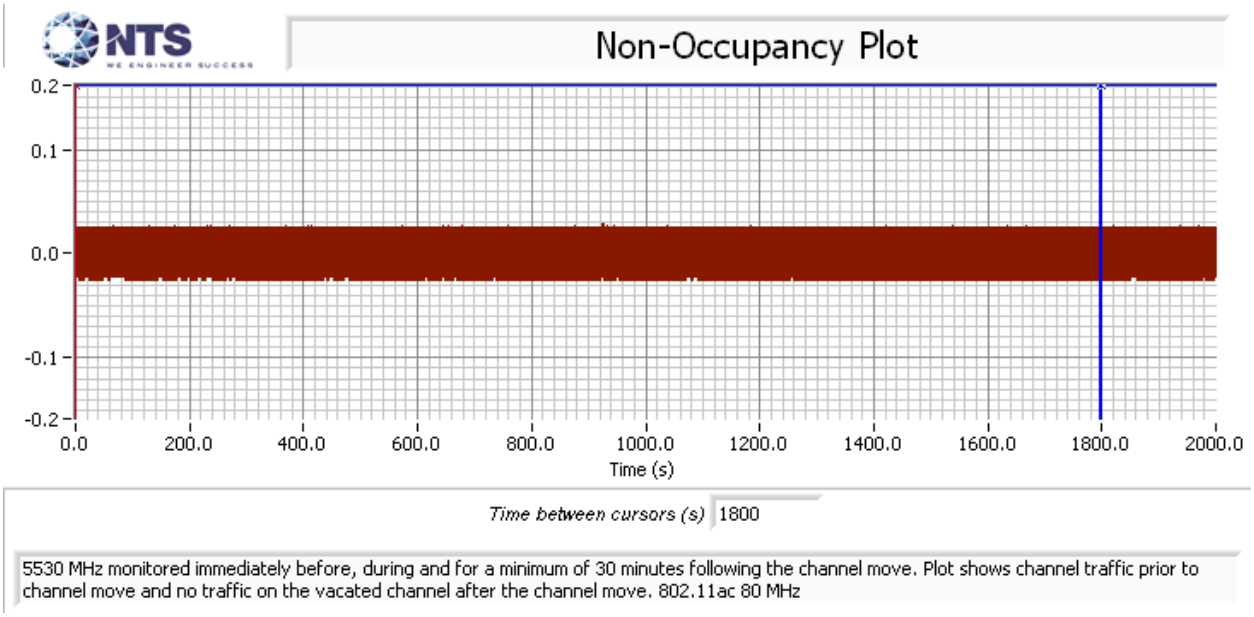

Figure 14 Radar Channel Non-Occupancy Plot (80 MHz)

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.

Appendix D Test Data – Channel Availability Check

5250- 5350 MHz, 5470 – 5725 MHz

The first plot shows the first transmissions on a channel after a channel move command was issued to the master device, with no radar applied during the CAC.

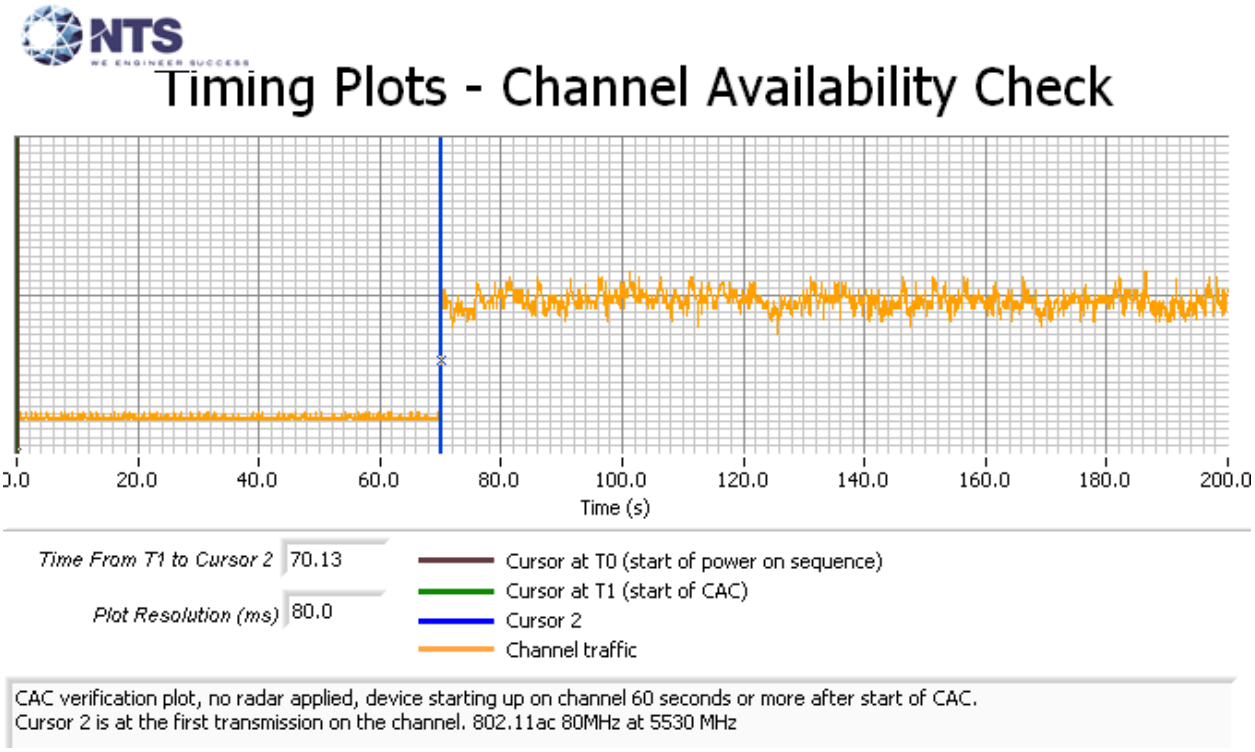

Figure 15 Plot of EUT Start-Up After CAC

The channel availability check (CAC) was made by applying type 0 radar during either the first 6 seconds or last 6 seconds of the CAC period.

The level of the radar signal applied was -64dBm. Measurements were made on channel 106 (5530MHz).

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

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

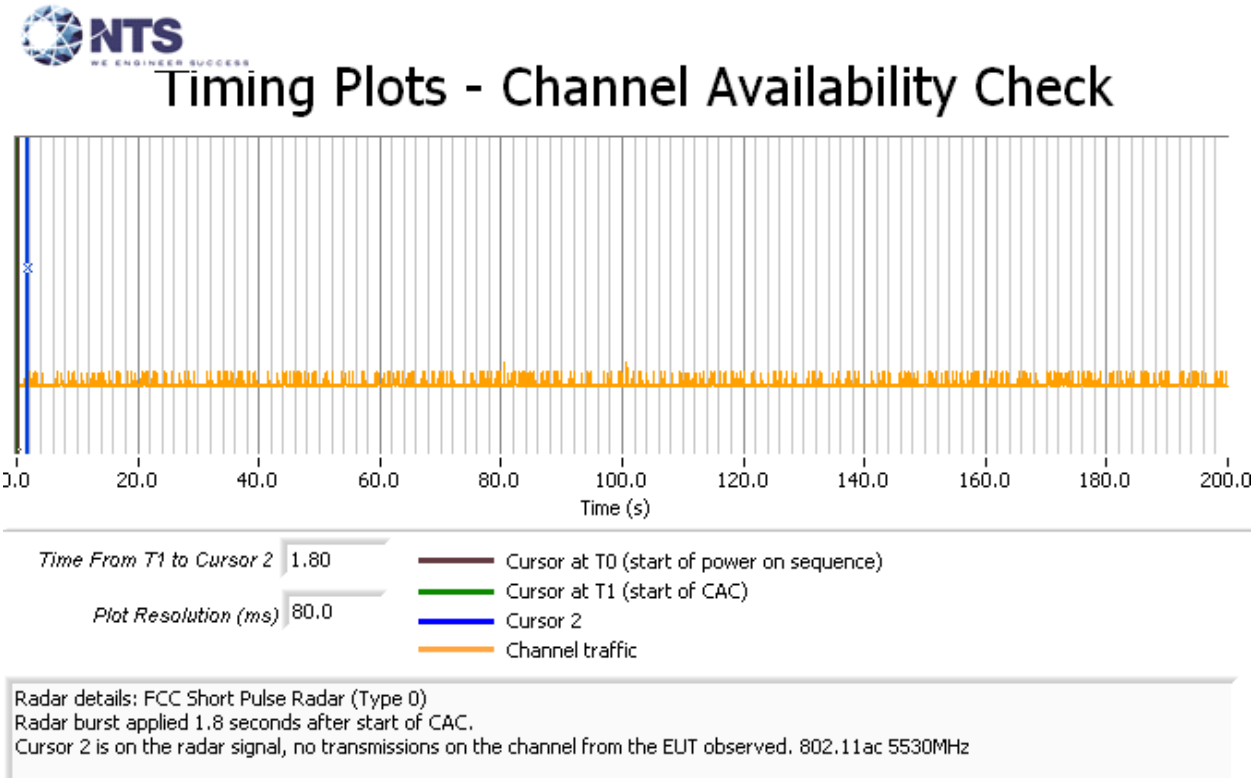

Figure 16 Radar Applied At Start of CAC

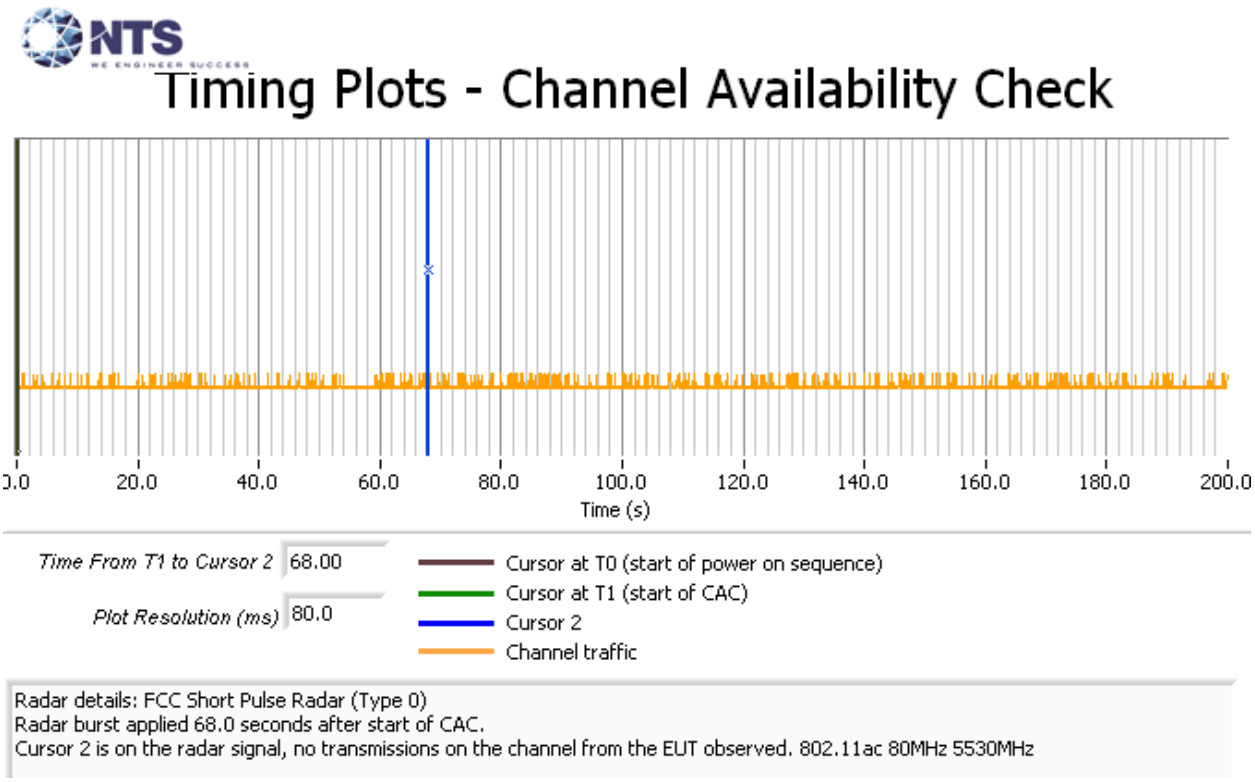

Figure 17 Radar Applied At End of CAC

Appendix E Antenna Specification

KENBOTONG COMMUNICATION LTD.

5GHz Quad Polarization Sector Antenna

Electrical specifications	TDJ-VHX5158BKR6(JM-R3)			
Frequency range (MHz)	5150-5250	5250-5350	5400-5725	5725-5850
Polarization	Vertical & Horizontal & Dual Slant ±45°			
Gain (dBi)	3	3	3.5	3.5
Beam width (°)	Horizontal:90±5		Vertical:20±5	
Front-to-back ratio (dB)	≥25			
Cross-polar discrimination (dB)	≥15(±60°≥10)			
Isolation (dB)	≥20			
Impedance (Ω)	50			
VSWR	≤2.0			
Maximum power (W)	50			
Lighting protection	DC Grounded			

Mechanical specifications	
Antenna Connector	4 × U.FL
Antenna Connector position	Back of Antenna
Outer Dimension (mm)	260×260×35
Weight (kg)	1.1
Radome material	UV Resistant ABS
Radome color	White
Mechanical tilt (°)	0~30
Operating temperature (℃)	-40~60
Rated wind velocity (m/s)	60
Vibration	IEC 60721-3-4
Salt Spray	IEC 68-2-11
Suitable pole diameter (mm)	30~50
Mounting kit	JM-TA or Optional JM-R3

5.30.6.4095
Kenbotong reserves the right to change specifications without prior notice.

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Appendix F Test Configuration Photograph(s)

End of Report

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