

TEST REPORT**Covering the
DYNAMIC FREQUENCY SELECTION (DFS)
REQUIREMENTS
OF****FCC Part 15 Subpart E (UNII), RSS-210 Annex 9****Aruba Networks****Model(s): APINH205 2x2:2 MIMO 802.11a/b/g/n/ac Wireless Access Point**

COMPANY: Aruba Networks
1344 Crossman Ave
Sunnyvale, CA, 94089

TEST SITE: National Technical Systems - Silicon Valley
41039 Boyce Road
Fremont, CA 94538

REPORT DATE: May 18, 2015

REISSUE DATE: July 7, 2015

FINAL TEST DATE: April 22-23, 2015

TEST ENGINEER: Mehran Birgani

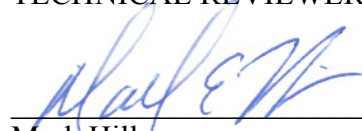
TOTAL NUMBER OF PAGES: 147



National Technical Systems - Silicon Valley is accredited by the A2LA, certificate number 0214.26, to perform the test(s) listed in this report, except where noted otherwise. This report and the information contained herein represent the results of testing test articles identified and selected by the client performed to specifications and/or procedures selected by the client. National Technical Systems (NTS) makes no representations, expressed or implied, that such testing is adequate (or inadequate) to demonstrate efficiency, performance, reliability, or any other characteristic of the articles being tested, or similar products. This report should not be relied upon as an endorsement or certification by NTS of the equipment tested, nor does it represent any statement whatsoever as to its merchantability or fitness of the test article, or similar products, for a particular purpose. This report shall not be reproduced except in full

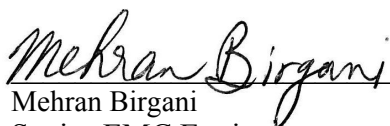
VALIDATING SIGNATORIES

PROGRAM MGR /
TECHNICAL REVIEWER:



Mark Hill
Staff Engineer

REPORT PREPARER:



Mehran Birgani
Senior EMC Engineer

QUALITY ASSURANCE DELEGATE



David Guidotti
Senior Technical Writer

REVISION HISTORY

Rev #	Date	Comments	Modified By
-	May 18, 2015	Initial Release	-
1.0	June 29, 2015	Clarified requirement for BW detection. Corrected referenced EIRP values.	MEH
2.0	July 7, 2015	Add clarification for Bin 5 Radar frequency selection	MEH

TABLE OF CONTENTS

TITLE PAGE.....	1
VALIDATING SIGNATORIES	2
REVISION HISTORY	3
TABLE OF CONTENTS	4
LIST OF TABLES.....	5
LIST OF FIGURES.....	8
SCOPE.....	9
OBJECTIVE	9
STATEMENT OF COMPLIANCE.....	9
DEVIATIONS FROM THE STANDARD	9
TEST RESULTS.....	10
TEST RESULTS SUMMARY – FCC PART 15, MASTER DEVICE	10
MEASUREMENT UNCERTAINTIES.....	11
EQUIPMENT UNDER TEST (EUT) DETAILS.....	12
GENERAL.....	12
ENCLOSURE.....	12
MODIFICATIONS.....	12
SUPPORT EQUIPMENT.....	13
EUT INTERFACE PORTS	13
EUT OPERATION	13
RADAR WAVEFORMS.....	14
DFS TEST METHODS	16
RADIATED TEST METHOD	16
DFS MEASUREMENT INSTRUMENTATION.....	18
RADAR GENERATION SYSTEM	18
CHANNEL MONITORING SYSTEM	19
RADAR GENERATOR PLOTS	20
DFS MEASUREMENT METHODS	26
DFS RADAR DETECTION BANDWIDTH	26
DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME	26
DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING.....	26
DFS CHANNEL AVAILABILITY CHECK TIME.....	27
UNIFORM LOADING.....	27
TRANSMIT POWER CONTROL (TPC)	27
SAMPLE CALCULATIONS	28
DETECTION PROBABILITY / SUCCESS RATE	28
THRESHOLD LEVEL	28
APPENDIX A TEST EQUIPMENT CALIBRATION DATA	29
APPENDIX B TEST DATA TABLES FOR RADAR DETECTION PROBABILITY	30
APPENDIX C TEST DATA TABLES AND PLOTS FOR CHANNEL CLOSING	132
FCC PART 15 SUBPART E CHANNEL CLOSING MEASUREMENTS	132
APPENDIX D TEST DATA – CHANNEL AVAILABILITY CHECK.....	135
5250- 5350 MHZ, 5470 – 5725 MHZ	135
APPENDIX E ANTENNA SPECIFICATION	138
APPENDIX F TEST CONFIGURATION PHOTOGRAPH(S)	145
END OF REPORT	147

LIST OF TABLES

Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz).....	10
Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz).....	10
Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (80MHz).....	11
Table 4 - FCC Short Pulse Radar Test Waveforms	14
Table 5 - FCC Long Pulse Radar Test Waveforms.....	15
Table 6 - FCC Frequency Hopping Radar Test Waveforms.....	15
Table 7 - Detection Bandwidth Measurements (Bandwidth: ± 9 MHz) 802.11n20 mode	32
Table 8 - Summary of All Results 802.11n20 mode.....	32
Table 9 - FCC Short Pulse Radar (Type 1A) Results 802.11n20 mode	33
Table 10 - FCC Short Pulse Radar (Type 1B) Results 802.11n20 mode.....	33
Table 11 - FCC Short Pulse Radar (Type 2) Results 802.11n20 mode	34
Table 12 - FCC Short Pulse Radar (Type 3) Results 802.11n20 mode	35
Table 13 - FCC Short Pulse Radar (Type 4) Results 802.11n20 mode	36
Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode.....	37
Table 15 - Long Sequence Waveform Summary 802.11n20 mode	48
Table 16 - Long Sequence Waveform Trial#1 (Detected) 802.11n20 mode.....	49
Table 17 - Long Sequence Waveform Trial#2 (Detected) 802.11n20 mode.....	49
Table 18 - Long Sequence Waveform Trial#3 (Detected) 802.11n20 mode.....	49
Table 19 - Long Sequence Waveform Trial#4 (Detected) 802.11n20 mode.....	50
Table 20 - Long Sequence Waveform Trial#5 (NOT Detected) 802.11n20 mode.....	50
Table 21 - Long Sequence Waveform Trial#6 (Detected) 802.11n20 mode.....	51
Table 22 - Long Sequence Waveform Trial#7 (Detected) 802.11n20 mode.....	51
Table 23 - Long Sequence Waveform Trial#8 (Detected) 802.11n20 mode.....	51
Table 24 - Long Sequence Waveform Trial#9 (Detected) 802.11n20 mode.....	52
Table 25 - Long Sequence Waveform Trial#10 (Detected) 802.11n20 mode.....	52
Table 26 - Long Sequence Waveform Trial#11 (Detected) 802.11n20 mode.....	53
Table 27 - Long Sequence Waveform Trial#12 (Detected) 802.11n20 mode.....	53
Table 28 - Long Sequence Waveform Trial#13 (Detected) 802.11n20 mode.....	54
Table 29 - Long Sequence Waveform Trial#14 (Detected) 802.11n20 mode.....	54
Table 30 - Long Sequence Waveform Trial#15 (Detected) 802.11n20 mode.....	54
Table 31 - Long Sequence Waveform Trial#16 (Detected) 802.11n20 mode.....	55
Table 32 - Long Sequence Waveform Trial#17 (NOT Detected) 802.11n20 mode.....	55
Table 33 - Long Sequence Waveform Trial#18 (Detected) 802.11n20 mode.....	56
Table 34 - Long Sequence Waveform Trial#19 (Detected) 802.11n20 mode.....	56
Table 35 - Long Sequence Waveform Trial#20 (Detected) 802.11n20 mode.....	56
Table 36 - Long Sequence Waveform Trial#21 (Detected) 802.11n20 mode.....	57
Table 37 - Long Sequence Waveform Trial#22 (Detected) 802.11n20 mode.....	57
Table 38 - Long Sequence Waveform Trial#23 (Detected) 802.11n20 mode.....	57
Table 39 - Long Sequence Waveform Trial#24 (NOT Detected) 802.11n20 mode.....	58
Table 40 - Long Sequence Waveform Trial#25 (Detected) 802.11n20 mode.....	58
Table 41 - Long Sequence Waveform Trial#26 (Detected) 802.11n20 mode.....	58
Table 42 - Long Sequence Waveform Trial#27 (NOT Detected) 802.11n20 mode.....	59
Table 43 - Long Sequence Waveform Trial#28 (Detected) 802.11n20 mode.....	59
Table 44 - Long Sequence Waveform Trial#29 (Detected) 802.11n20 mode.....	59
Table 45 - Long Sequence Waveform Trial#30 (Detected) 802.11n20 mode.....	60
Table 46 - Detection Bandwidth Measurements (Bandwidth: ± 19 MHz) 802.11n40 mode	61
Table 47 - Summary of All Results 802.11n40 mode.....	61
Table 48 - FCC Short Pulse Radar (Type 1A) Results 802.11n40 mode	62
Table 49 - FCC Short Pulse Radar (Type 1B) Results 802.11n40 mode.....	62
Table 50 - FCC Short Pulse Radar (Type 2) Results 802.11n40 mode	63
Table 51 - FCC Short Pulse Radar (Type 3) Results 802.11n40 mode	64
Table 52 - FCC Short Pulse Radar (Type 4) Results 802.11n40 mode	65

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode.....	66
Table 54 - Long Sequence Waveform Summary 802.11n40 mode	78
Table 55 - Long Sequence Waveform Trial#1 (Detected) 802.11n40 mode	79
Table 56 - Long Sequence Waveform Trial#2 (Detected) 802.11n40 mode	79
Table 57 - Long Sequence Waveform Trial#3 (Detected) 802.11n40 mode	79
Table 58 - Long Sequence Waveform Trial#4 (Detected) 802.11n40 mode	80
Table 59 - Long Sequence Waveform Trial#5 (Detected) 802.11n40 mode	80
Table 60 - Long Sequence Waveform Trial#6 (Detected) 802.11n40 mode	81
Table 61 - Long Sequence Waveform Trial#7 (Detected) 802.11n40 mode	81
Table 62 - Long Sequence Waveform Trial#8 (Detected) 802.11n40 mode	82
Table 63 - Long Sequence Waveform Trial#9 (NOT Detected) 802.11n40 mode	82
Table 64 - Long Sequence Waveform Trial#10 (Detected) 802.11n40 mode	83
Table 65 - Long Sequence Waveform Trial#11 (Detected) 802.11n40 mode	83
Table 66 - Long Sequence Waveform Trial#12 (Detected) 802.11n40 mode	84
Table 67 - Long Sequence Waveform Trial#13 (Detected) 802.11n40 mode	84
Table 68 - Long Sequence Waveform Trial#14 (Detected) 802.11n40 mode	84
Table 69 - Long Sequence Waveform Trial#15 (Detected) 802.11n40 mode	85
Table 70 - Long Sequence Waveform Trial#16 (Detected) 802.11n40 mode	85
Table 71 - Long Sequence Waveform Trial#17 (Detected) 802.11n40 mode	86
Table 72 - Long Sequence Waveform Trial#18 (Detected) 802.11n40 mode	86
Table 73 - Long Sequence Waveform Trial#19 (NOT Detected) 802.11n40 mode	87
Table 74 - Long Sequence Waveform Trial#20 (NOT Detected) 802.11n40 mode	87
Table 75 - Long Sequence Waveform Trial#21 (Detected) 802.11n40 mode	88
Table 76 - Long Sequence Waveform Trial#22 (Detected) 802.11n40 mode	88
Table 77 - Long Sequence Waveform Trial#23 (Detected) 802.11n40 mode	89
Table 78 - Long Sequence Waveform Trial#24 (Detected) 802.11n40 mode	89
Table 79 - Long Sequence Waveform Trial#25 (Detected) 802.11n40 mode	89
Table 80 - Long Sequence Waveform Trial#26 (Detected) 802.11n40 mode	90
Table 81 - Long Sequence Waveform Trial#27 (NOT Detected) 802.11n40 mode	90
Table 82 - Long Sequence Waveform Trial#28 (Detected) 802.11n40 mode	90
Table 83 - Long Sequence Waveform Trial#29 (Detected) 802.11n40 mode	91
Table 84 - Long Sequence Waveform Trial#30 (Detected) 802.11n40 mode	91
Table 85 - Detection Bandwidth Measurements (Bandwidth: $\pm 38\text{MHz}$) ac80 mode	92
Table 86 - Summary of All Results ac80 mode	92
Table 87 - FCC Short Pulse Radar (Type 1A) Results ac80 mode	93
Table 88 - FCC Short Pulse Radar (Type 1B) Results ac80 mode	93
Table 89 - FCC Short Pulse Radar (Type 2) Results ac80 mode	94
Table 90 - FCC Short Pulse Radar (Type 3) Results ac80 mode	95
Table 91 - FCC Short Pulse Radar (Type 4) Results ac80 mode	96
Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode	97
Table 93 - Long Sequence Waveform Summary ac80 mode	120
Table 94 - Long Sequence Waveform Trial#1 (NOT Detected) ac80 mode	121
Table 95 - Long Sequence Waveform Trial#2 (Detected) ac80 mode	121
Table 96 - Long Sequence Waveform Trial#3 (Detected) ac80 mode	121
Table 97 - Long Sequence Waveform Trial#4 (Detected) ac80 mode	122
Table 98 - Long Sequence Waveform Trial#5 (Detected) ac80 mode	122
Table 99 - Long Sequence Waveform Trial#6 (Detected) ac80 mode	122
Table 100 - Long Sequence Waveform Trial#7 (Detected) ac80 mode	123
Table 101 - Long Sequence Waveform Trial#8 (Detected) ac80 mode	123
Table 102 - Long Sequence Waveform Trial#9 (Detected) ac80 mode	123
Table 103 - Long Sequence Waveform Trial#10 (Detected) ac80 mode	124
Table 104 - Long Sequence Waveform Trial#11 (Detected) ac80 mode	124
Table 105 - Long Sequence Waveform Trial#12 (Detected) ac80 mode	124
Table 106 - Long Sequence Waveform Trial#13 (Detected) ac80 mode	125
Table 107 - Long Sequence Waveform Trial#14 (Detected) ac80 mode	125

Table 108 - Long Sequence Waveform Trial#15 (Detected) ac80 mode	125
Table 109 - Long Sequence Waveform Trial#16 (Detected) ac80 mode	126
Table 110 - Long Sequence Waveform Trial#17 (Detected) ac80 mode	126
Table 111 - Long Sequence Waveform Trial#18 (Detected) ac80 mode	126
Table 112 - Long Sequence Waveform Trial#19 (Detected) ac80 mode	127
Table 113 - Long Sequence Waveform Trial#20 (Detected) ac80 mode	127
Table 114 - Long Sequence Waveform Trial#21 (Detected) ac80 mode	127
Table 115 - Long Sequence Waveform Trial#22 (Detected) ac80 mode	128
Table 116 - Long Sequence Waveform Trial#23 (Detected) ac80 mode	128
Table 117 - Long Sequence Waveform Trial#24 (NOT Detected) ac80 mode	129
Table 118 - Long Sequence Waveform Trial#25 (Detected) ac80 mode	129
Table 119 - Long Sequence Waveform Trial#26 (Detected) ac80 mode	129
Table 120 - Long Sequence Waveform Trial#27 (Detected) ac80 mode	130
Table 121 - Long Sequence Waveform Trial#28 (Detected) ac80 mode	130
Table 122 - Long Sequence Waveform Trial#29 (Detected) ac80 mode	131
Table 123 - Long Sequence Waveform Trial#30 (Detected) ac80 mode	131
Table 124 - FCC Part 15 Subpart E Channel Closing Test Results	132

LIST OF FIGURES

Figure 1 Test Configuration for radiated Measurement Method	16
Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)	19
Figure 3 FCC Type 1 Radar (18 pulses)	20
Figure 4 FCC Type 2 Radar (24 pulses)	21
Figure 5 FCC Type 3 Radar (17 pulses)	22
Figure 6 FCC Type 4 Radar (16 pulses)	23
Figure 7 FCC Type 5 Radar (burst with three pulses, 1650 μ s first period).....	24
Figure 8 FCC Type 6 Radar (9 pulses in each burst).....	25
Figure 9 Channel Utilization During In-Service Detection Measurements (n20 mode).....	30
Figure 10 Channel Utilization During In-Service Detection Measurements (n40 mode).....	30
Figure 11 Channel Utilization During In-Service Detection Measurements (ac80 mode)	31
Figure 12 Channel Closing Time and Channel Move Time (ac80 mode) – 40 second plot.....	132
Figure 13 Close-Up of Transmissions more than 200ms after The End of Radar (ac80 mode)	133
Figure 14 Radar Channel Non-Occupancy Plot (ac80 mode).....	134
Figure 15 Plot of EUT Start-Up After CAC	135
Figure 16 Radar Applied At Start of CAC.....	136
Figure 17 Radar Applied At End of CAC.....	137

SCOPE

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

- FCC Part 15 Subpart E Unlicensed National Information Infrastructure (U-NII) Devices.
- RSS-210 Annex 9 Local Area Network Devices.

Tests were performed in accordance with these standards together with the current published versions of the basic standards referenced therein including FCC KDB 905462 D02 and FCC KDB 905462 D03 as outlined in NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Aruba Networks model APIN205 2x2:2 MIMO 802.11a/b/g/n/ac Wireless Access Point and therefore apply only to the tested sample. The sample was selected and prepared by Tian Mendez of Aruba Networks.

OBJECTIVE

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

STATEMENT OF COMPLIANCE

The tested sample of the Aruba Networks model APIN205 2x2:2 MIMO 802.11a/b/g/n/ac Wireless Access Point complied with the DFS requirements of FCC Part 15.407(h)(2), RSS-210 Annex 9.3.

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

DEVIATIONS FROM THE STANDARD

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

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

Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5500MHz	-63dBm	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	18 MHz	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 6dBi, plus 1dB per FCC test procedure. The limit is based on an EIRP of more than 23dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250-5350 5500-5700 MHz band.						

Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5510MHz	-63dBm	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	38 MHz	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 6dBi, plus 1dB per FCC test procedure. The limit is based on an EIRP of more than 23dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250-5350 5500-5700 MHz band.						

Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (80MHz)

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 0	5530MHz	60.1	$\geq 60s$	Appendix D	Pass
CAC Detection Threshold	Type 0	5530MHz	-63dBm	-64dBm (See note 2)	Appendix D	Pass
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5530MHz	-63dBm	-64dBm (See note 2)	Appendix B	Pass
Bandwidth Detection	Type 0	Varies	78 MHz	100% of the 99% BW	-	Pass
Channel closing transmission time	Type 0	5530MHz	2.6ms	$\leq 260ms$	Appendix C	Pass
Channel move time	Type 0	5530MHz	0.9s	$\leq 10s$	Appendix C	Pass
Non-occupancy period	Type 0	5530MHz	> 30min	> 30 minutes	Appendix C	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 6dBi, plus 1dB per FCC test procedure. The limit is based on an EIRP of more than 23dBm. 3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250-5350 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 were 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 $\pm 0.24\%$
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 Aruba Networks model APIN205 2x2:2 MIMO 802.11a/b/g/n/ac Wireless Access Point is a high-performance dual radio wireless access point for hospitality and branch deployments.

The sample was received on February 26, 2015 and tested on April 22-23, 2015. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Aruba	APINH202-2x2:2	2.4GHz/5GHz AP	DN0000264

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

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

- ☒ Master Device 5250-5350 MHz
- ☒ Master Device 5470-5725 MHz (excluding 5600-5650 MHz for Canada)

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	6	6
Highest Antenna Gain (dBi)	6	6
EIRP Output Power (dBm)	26.6	29.0

- ☒ Power can exceed 200mW eirp

Channel Protocol

- ☒ IP Based

ENCLOSURE

The EUT enclosure measures approximately 15.5 by 9 by 4.3 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
<i>Dell</i>	<i>Latitude E5440</i>	<i>Intel Dual Band Wireless AC 7260 802.11ac/a/b/g/n 2x2 Half Mini Card</i>	<i>38cnp12</i>	<i>PD97260HU</i>
Lenovo	Thinkpad T420	Intel i5-2520M CPU @ 2.50 GHz	R9LC5GV	QDS-BRCM1046

The italicized device was the client device.

EUT INTERFACE PORTS

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

Port	Connected To	Cable(s)		
		Description	Shielded or Unshielded	Length (m)
E0	Aruba 7010 Controller	Ethernet	Shielded	15m

EUT OPERATION

The EUT was operating with the following software listed below. The software is secured by Aruba OS to prevent the user from disabling the DFS function.

Master Device: Aruba OS version: 6.4.4.0_wave2_49482

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 0.1ms after 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 FCC movie and the client device was using media player to view the file. The channel loading was evaluated to be 19.6-36.8% (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 μsec	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.

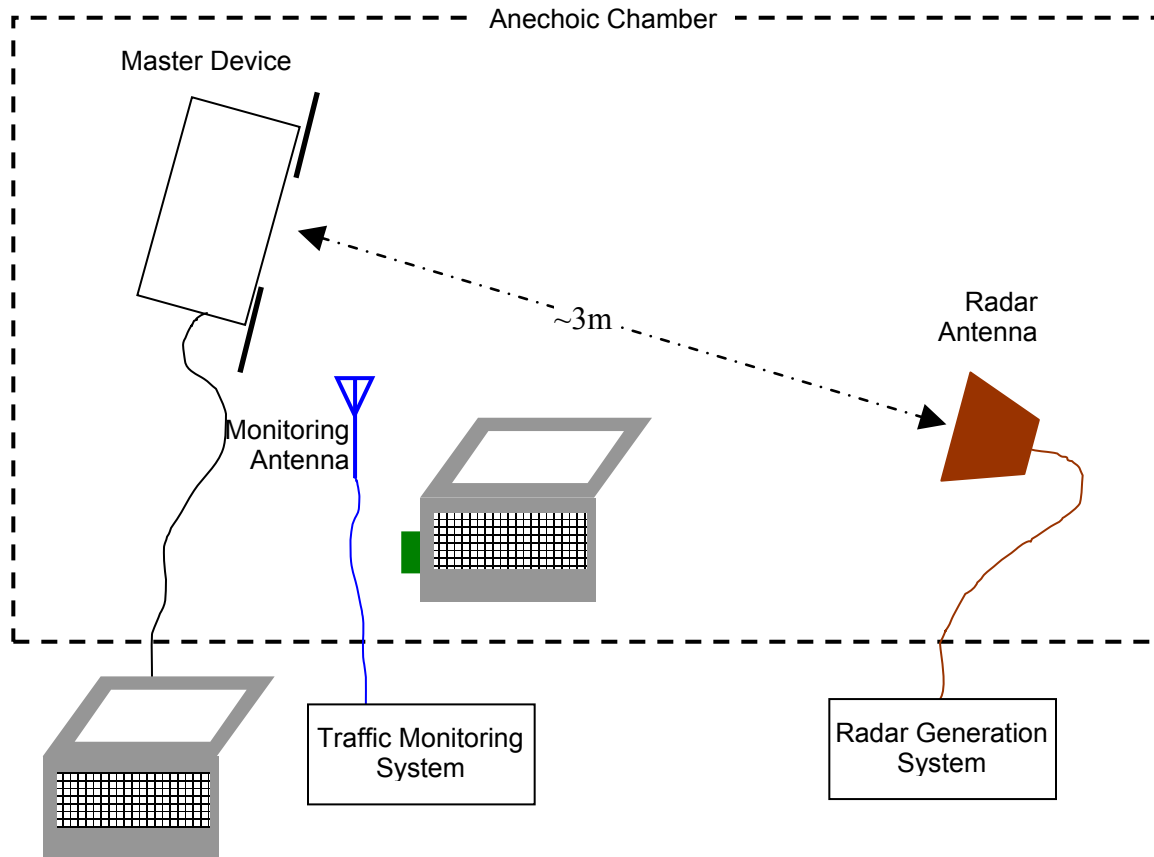


Figure 1 Test Configuration for radiated Measurement Method

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 long duration pulse waveform generated in the same manner as the normal radar generated signals.

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.

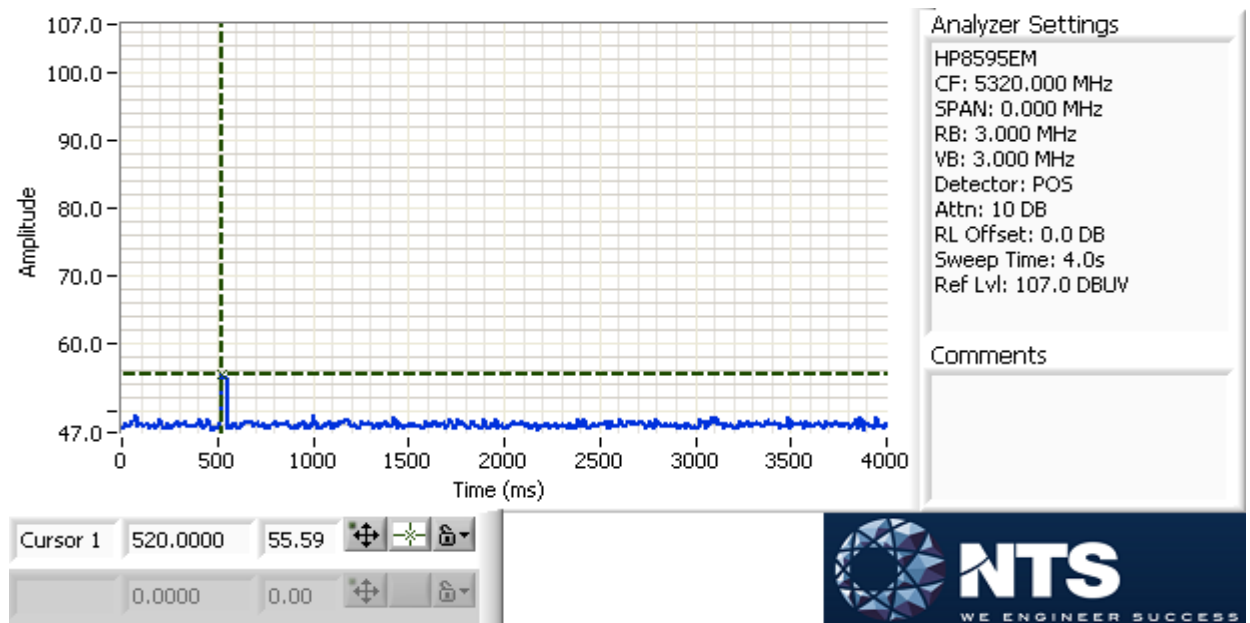


Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)

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.

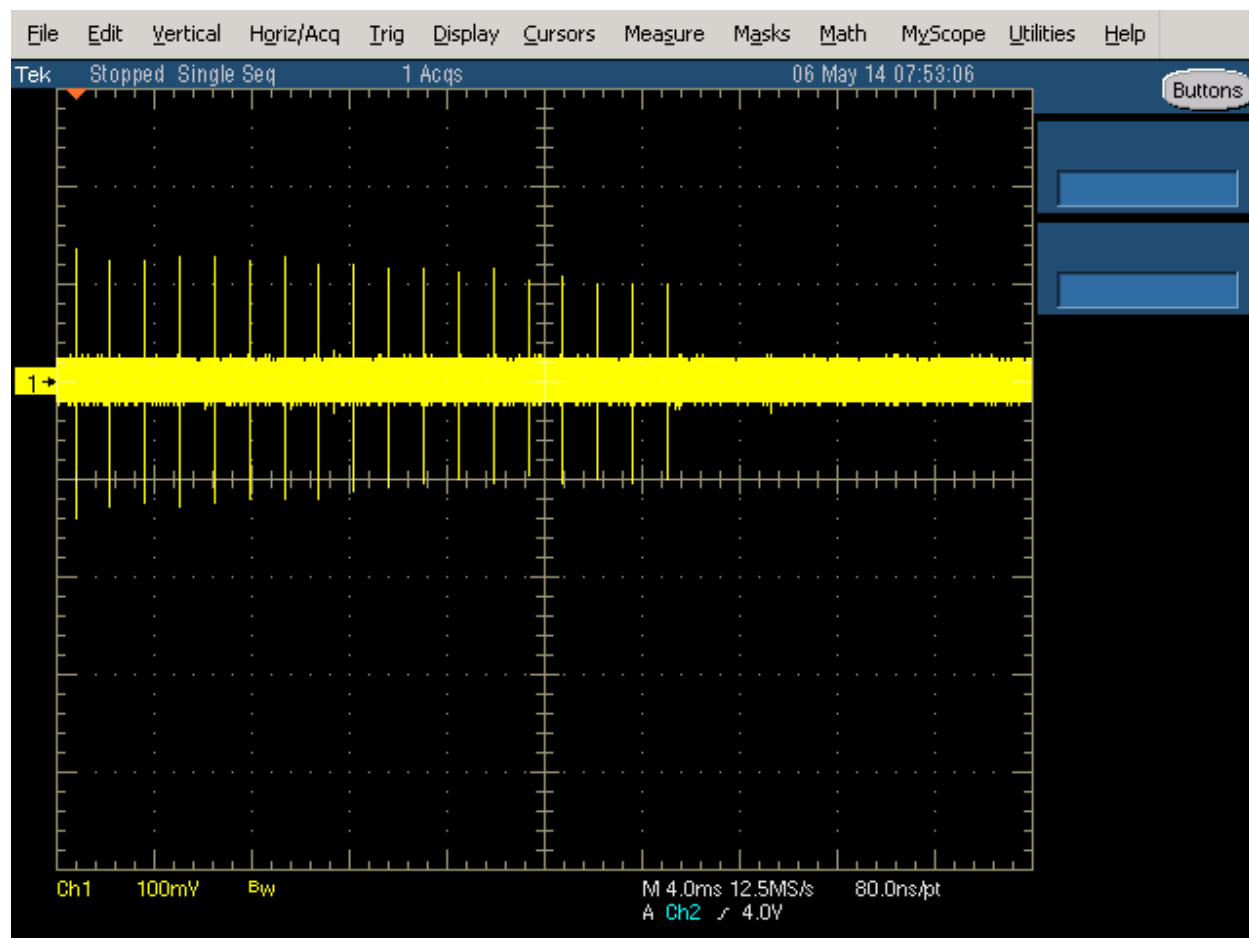


Figure 3 FCC Type 1 Radar (18 pulses)

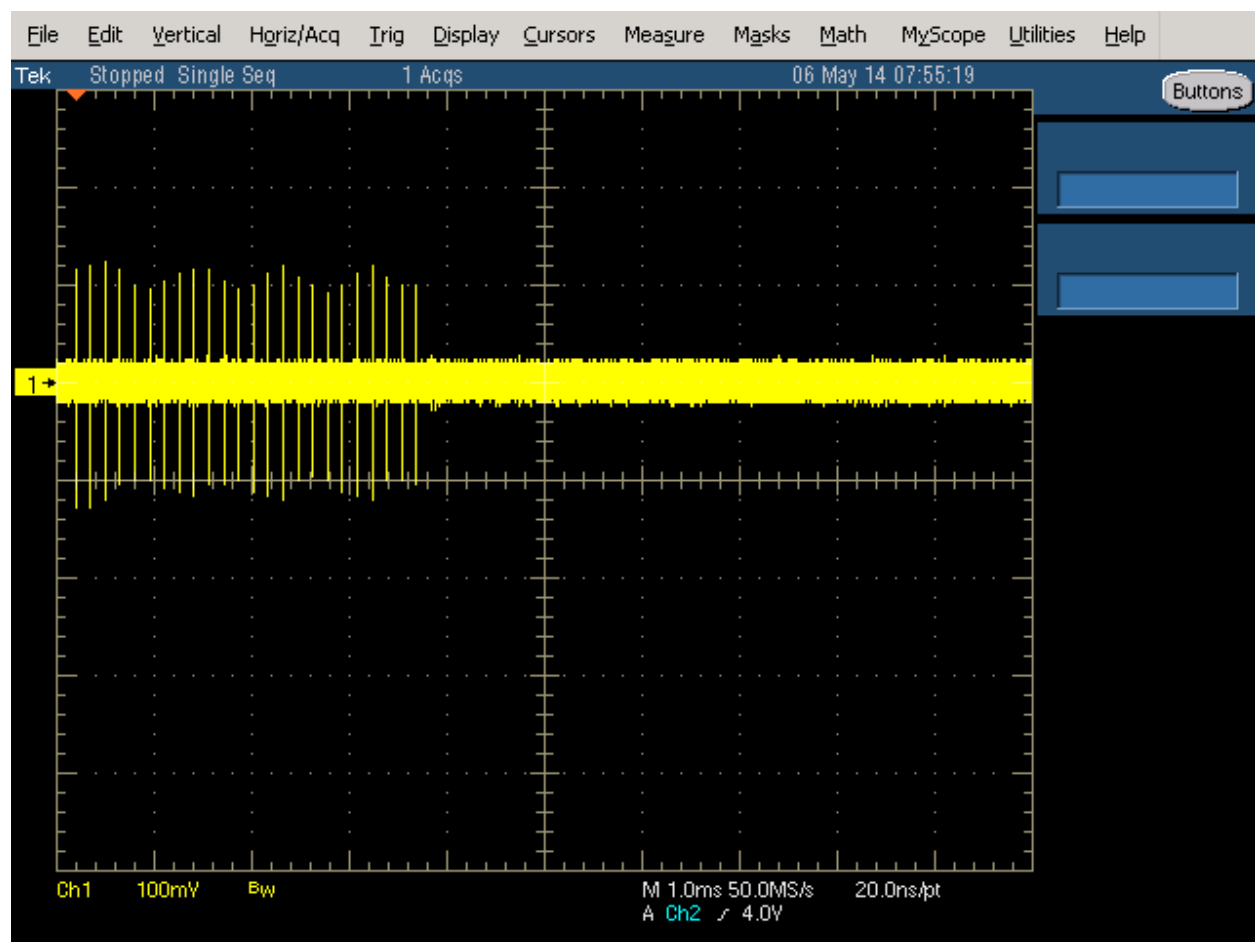


Figure 4 FCC Type 2 Radar (24 pulses)

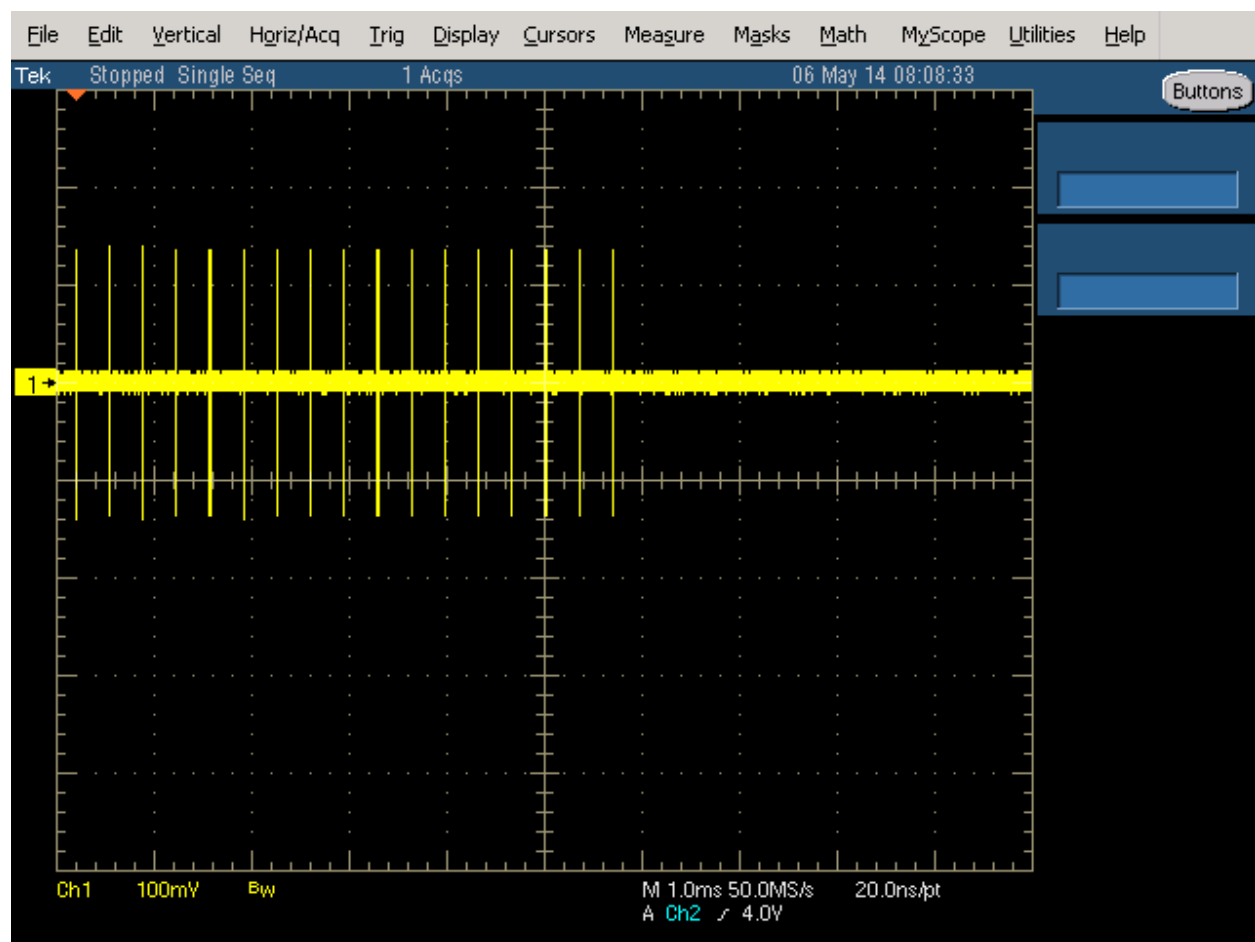


Figure 5 FCC Type 3 Radar (17 pulses)

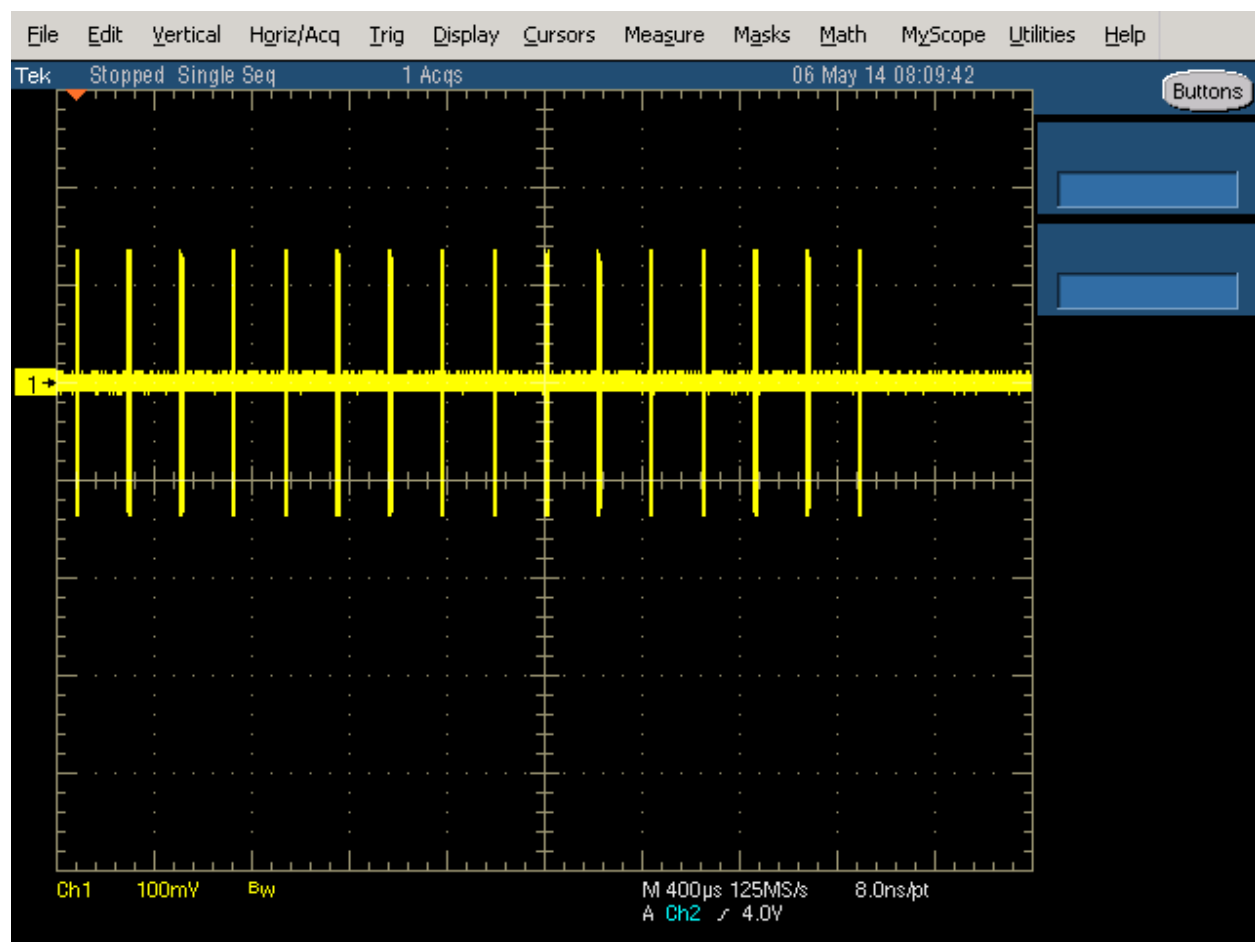


Figure 6 FCC Type 4 Radar (16 pulses)



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.

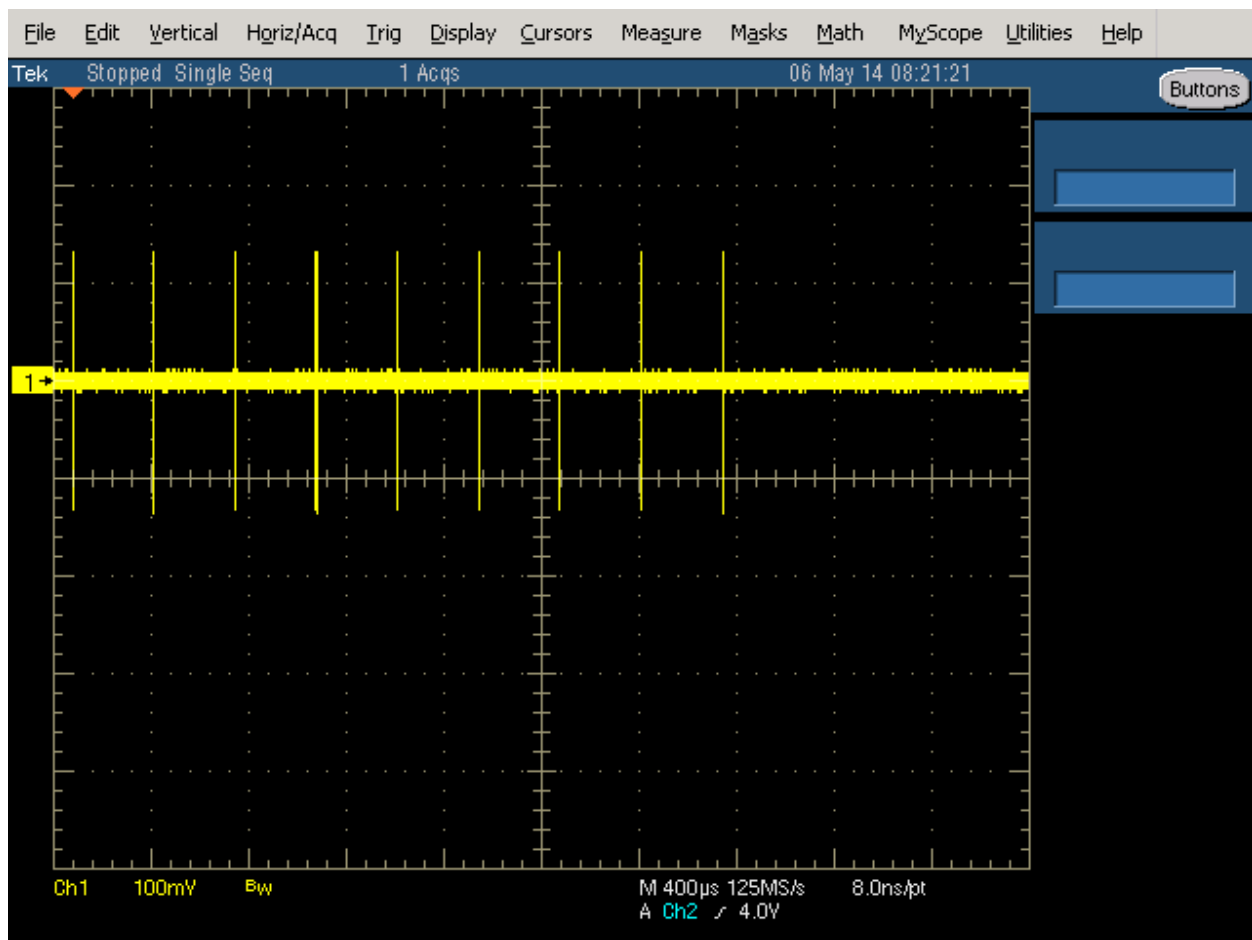


Figure 8 FCC Type 6 Radar (9 pulses in each burst)

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 using

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

<u>Manufacturer</u>	<u>Description</u>	<u>Model #</u>	<u>Asset #</u>	<u>Cal Due</u>
Hewlett Packard	EMC Spectrum Analyzer, 9 kHz - 6.5 GHz	8595EM	787	18-Aug-15
ETS Lindgren	Antenna, Horn, 1-18 GHz	3117	1662	04-Jun-16
Agilent	PSG, Vector Signal Generator, (250kHz - 20GHz)	E8267C	1877	19-Jun-15
Technologies				
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 movie.

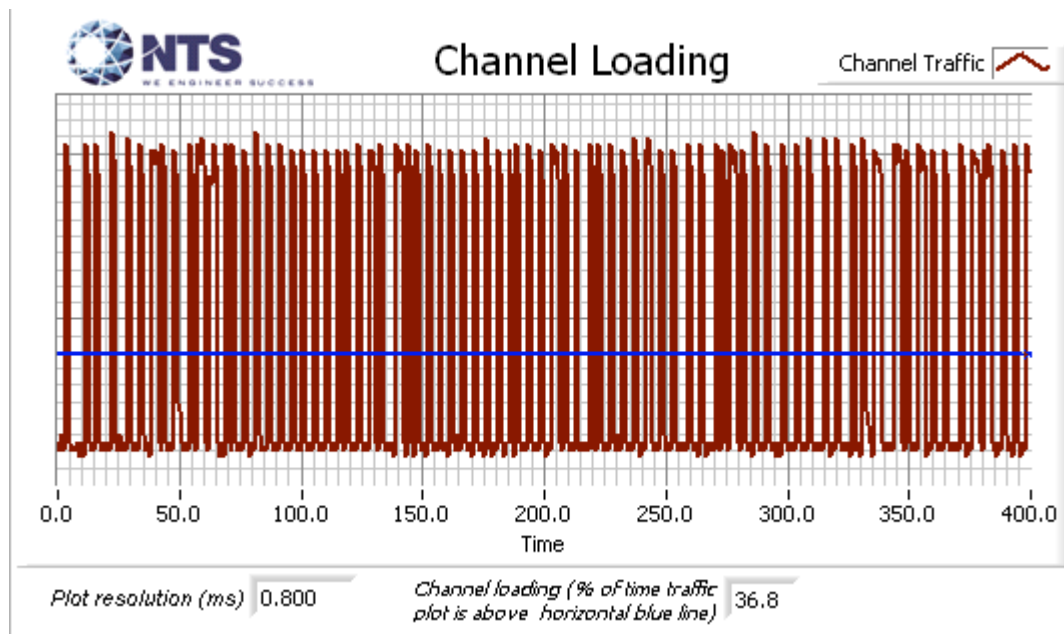


Figure 9 Channel Utilization During In-Service Detection Measurements (n20 mode)

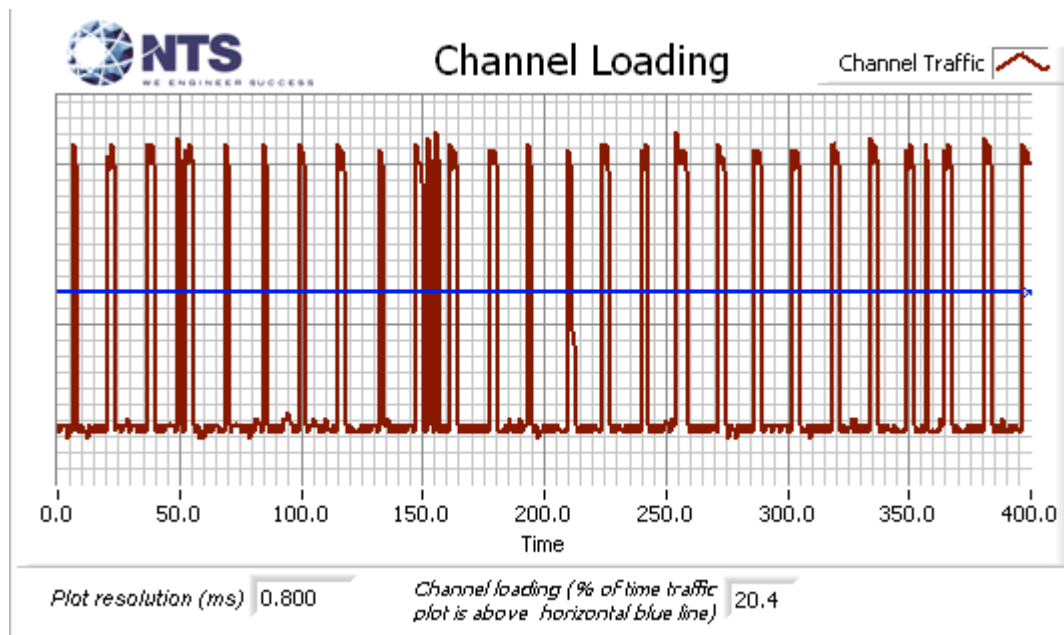


Figure 10 Channel Utilization During In-Service Detection Measurements (n40 mode)

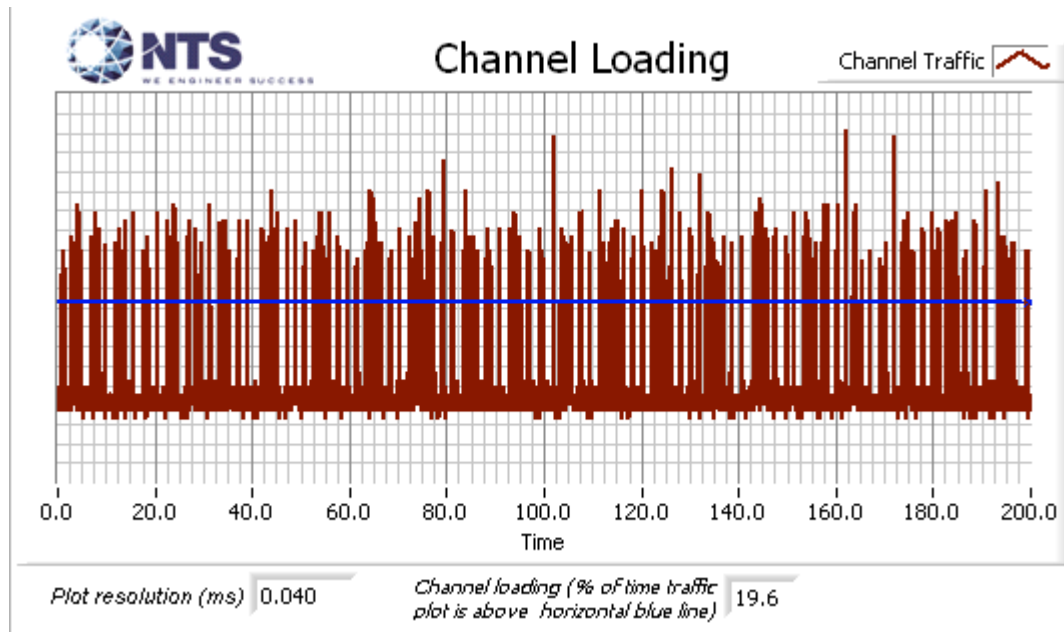


Figure 11 Channel Utilization During In-Service Detection Measurements (ac80 mode)

Table 7 - Detection Bandwidth Measurements (Bandwidth: ± 9 MHz) 802.11n20 mode

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 0)	5490.00 MHz	0	2	0
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	0	2	0

Table 8 - Summary of All Results 802.11n20 mode

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)	86.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	83.3 %	60.0 %	30	PASSED
Aggregate of above results	92.5 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	97.4 %	70.0 %	38	PASSED
Long Sequence	86.7 %	80.0 %	30	PASSED

Table 9 - FCC Short Pulse Radar (Type 1A) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	72	1.0	738.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	95	1.0	558.0	Yes	5500.0MHz, -63.0dBm	Single burst
3	61	1.0	878.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	76	1.0	698.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	59	1.0	898.0	Yes	5500.0MHz, -63.0dBm	Single burst
6	99	1.0	538.0	Yes	5500.0MHz, -63.0dBm	Single burst
7	70	1.0	758.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	68	1.0	778.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	62	1.0	858.0	Yes	5500.0MHz, -63.0dBm	Single burst
10	74	1.0	718.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	83	1.0	638.0	Yes	5500.0MHz, -63.0dBm	Single burst
12	78	1.0	678.0	Yes	5500.0MHz, -63.0dBm	Single burst
13	92	1.0	578.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	89	1.0	598.0	Yes	5500.0MHz, -63.0dBm	Single burst
15	102	1.0	518.0	Yes	5500.0MHz, -63.0dBm	Single burst

Table 10 - FCC Short Pulse Radar (Type 1B) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	46	1.0	1152.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	25	1.0	2181.0	Yes	5500.0MHz, -63.0dBm	Single burst
3	18	1.0	3044.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	19	1.0	2819.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	27	1.0	2003.0	Yes	5500.0MHz, -63.0dBm	Single burst
6	48	1.0	1103.0	Yes	5500.0MHz, -63.0dBm	Single burst
7	24	1.0	2255.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	20	1.0	2752.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	42	1.0	1284.0	Yes	5495.0MHz, -63.0dBm	Single burst
10	37	1.0	1432.0	Yes	5505.0MHz, -63.0dBm	Single burst
11	93	1.0	571.0	Yes	5500.0MHz, -63.0dBm	Single burst
12	25	1.0	2139.0	Yes	5495.0MHz, -63.0dBm	Single burst
13	27	1.0	1995.0	Yes	5505.0MHz, -63.0dBm	Single burst
14	24	1.0	2294.0	Yes	5500.0MHz, -63.0dBm	Single burst
15	21	1.0	2618.0	Yes	5495.0MHz, -63.0dBm	Single burst

Table 11 - FCC Short Pulse Radar (Type 2) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	26	2.9	157.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	25	4.1	151.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	25	5.0	215.0	Yes	5505.0MHz, -63.0dBm	Single burst
4	24	2.8	157.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	28	4.5	189.0	Yes	5495.0MHz, -63.0dBm	Single burst
6	26	2.9	152.0	Yes	5505.0MHz, -63.0dBm	Single burst
7	28	2.5	152.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	25	1.3	163.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	25	3.8	190.0	Yes	5500.0MHz, -63.0dBm	Single burst
10	24	5.0	174.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	24	3.0	169.0	Yes	5500.0MHz, -63.0dBm	Single burst
12	28	1.2	195.0	Yes	5500.0MHz, -63.0dBm	Single burst
13	25	2.8	229.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	25	4.7	205.0	Yes	5500.0MHz, -63.0dBm	Single burst
15	26	3.1	172.0	Yes	5500.0MHz, -63.0dBm	Single burst
16	29	1.7	174.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	23	4.3	170.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	27	2.0	202.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	27	2.1	213.0	Yes	5495.0MHz, -63.0dBm	Single burst
20	24	4.6	210.0	Yes	5505.0MHz, -63.0dBm	Single burst
21	24	1.5	173.0	Yes	5500.0MHz, -63.0dBm	Single burst
22	24	1.7	220.0	Yes	5495.0MHz, -63.0dBm	Single burst
23	28	3.6	215.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	27	1.4	187.0	Yes	5500.0MHz, -63.0dBm	Single burst
25	27	4.9	224.0	Yes	5495.0MHz, -63.0dBm	Single burst
26	26	4.6	204.0	Yes	5505.0MHz, -63.0dBm	Single burst
27	25	4.0	161.0	Yes	5500.0MHz, -63.0dBm	Single burst
28	29	2.7	192.0	Yes	5495.0MHz, -63.0dBm	Single burst
29	24	2.1	220.0	Yes	5505.0MHz, -63.0dBm	Single burst
30	28	4.2	157.0	Yes	5500.0MHz, -63.0dBm	Single burst

Table 12 - FCC Short Pulse Radar (Type 3) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	7.0	330.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	16	7.5	228.0	No	5500.0MHz, -63.0dBm	Single burst
3	17	8.8	499.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	18	9.5	269.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	16	7.2	396.0	Yes	5500.0MHz, -63.0dBm	Single burst
6	17	8.2	209.0	No	5500.0MHz, -63.0dBm	Single burst
7	17	8.4	288.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	17	9.3	303.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	17	6.9	332.0	Yes	5500.0MHz, -63.0dBm	Single burst
10	18	9.0	283.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	17	9.4	405.0	Yes	5500.0MHz, -63.0dBm	Single burst
12	17	6.1	412.0	Yes	5500.0MHz, -63.0dBm	Single burst
13	17	6.6	271.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	17	8.8	300.0	Yes	5500.0MHz, -63.0dBm	Single burst
15	17	8.9	281.0	Yes	5500.0MHz, -63.0dBm	Single burst
16	18	7.2	279.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	17	6.2	470.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	17	6.1	238.0	No	5500.0MHz, -63.0dBm	Single burst
19	17	6.7	391.0	Yes	5500.0MHz, -63.0dBm	Single burst
20	17	7.6	488.0	Yes	5495.0MHz, -63.0dBm	Single burst
21	18	9.0	307.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	17	9.9	447.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	17	9.3	365.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	17	6.1	429.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	17	9.5	282.0	Yes	5500.0MHz, -63.0dBm	Single burst
26	17	9.2	290.0	Yes	5495.0MHz, -63.0dBm	Single burst
27	17	7.5	424.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	16	6.7	421.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	17	9.2	209.0	No	5495.0MHz, -63.0dBm	Single burst
30	17	8.5	252.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 13 - FCC Short Pulse Radar (Type 4) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	13.8	328.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	12	19.2	282.0	Yes	5500.0MHz, -63.0dBm	Single burst
3	14	19.7	479.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	15	17.7	324.0	Yes	5500.0MHz, -63.0dBm	Single burst
5	15	19.1	447.0	Yes	5500.0MHz, -63.0dBm	Single burst
6	14	14.8	232.0	No	5500.0MHz, -63.0dBm	Single burst
7	12	15.3	251.0	Yes	5500.0MHz, -63.0dBm	Single burst
8	13	11.5	466.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	13	14.0	430.0	Yes	5500.0MHz, -63.0dBm	Single burst
10	15	15.8	489.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	15	16.3	474.0	Yes	5500.0MHz, -63.0dBm	Single burst
12	15	15.5	278.0	Yes	5500.0MHz, -63.0dBm	Single burst
13	12	13.2	453.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	12	14.5	328.0	Yes	5500.0MHz, -63.0dBm	Single burst
15	15	16.2	233.0	No	5500.0MHz, -63.0dBm	Single burst
16	14	15.6	284.0	Yes	5500.0MHz, -63.0dBm	Single burst
17	12	12.2	318.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	12	17.7	498.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	14	11.9	255.0	Yes	5500.0MHz, -63.0dBm	Single burst
20	12	14.6	223.0	No	5495.0MHz, -63.0dBm	Single burst
21	14	17.5	442.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	14	16.9	213.0	No	5500.0MHz, -63.0dBm	Single burst
23	13	15.8	291.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	16	13.3	351.0	Yes	5505.0MHz, -63.0dBm	Single burst
25	15	11.7	276.0	Yes	5500.0MHz, -63.0dBm	Single burst
26	15	17.9	224.0	No	5495.0MHz, -63.0dBm	Single burst
27	12	16.1	441.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	15	11.4	262.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	12	12.6	328.0	Yes	5495.0MHz, -63.0dBm	Single burst
30	15	15.5	369.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5538, 5300, 5309, 5289, 5439, 5535, 5625, 5273, 5315, 5581, 5683, 5331, 5423, 5386, 5436, 5717, 5531, 5567, 5404, 5400, 5482, 5298, 5559, 5481, 5684, 5678, 5633, 5570, 5303, 5312, 5354, 5470, 5336, 5558, 5281, 5667, 5537, 5599, 5569, 5313, 5613, 5639, 5337, 5328, 5472, 5719, 5266, 5372, 5443, 5529, 5550, 5476, 5591, 5391, 5319, 5510, 5379, 5690, 5390, 5335, 5687, 5422, 5349, 5432, 5271, 5383, 5611, 5307, 5691, 5638, 5640, 5308, 5456, 5527, 5680, 5606, 5660, 5600, 5480, 5363, 5434, 5380, 5677, 5410, 5463, 5519, 5696, 5465, 5630, 5265, 5357, 5419, 5495, 5486, 5504, 5497, 5299, 5270, 5341, 5561 (3 hits)
2	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5685, 5590, 5720, 5558, 5392, 5433, 5447, 5427, 5618, 5417, 5281, 5569, 5484, 5339, 5341, 5400, 5403, 5395, 5411, 5596, 5672, 5333, 5517, 5424, 5611, 5345, 5715, 5696, 5454, 5387, 5625, 5378, 5299, 5644, 5537, 5262, 5492, 5472, 5612, 5518, 5674, 5538, 5646, 5533, 5441, 5532, 5267, 5273, 5391, 5474, 5681, 5337, 5401, 5553, 5463, 5711, 5418, 5331, 5488, 5459, 5656, 5415, 5429, 5402, 5719, 5412, 5550, 5363, 5604, 5393, 5661, 5717, 5371, 5251, 5476, 5694, 5496, 5667, 5384, 5406, 5617, 5490, 5652, 5296, 5483, 5551, 5709, 5691, 5628, 5482, 5288, 5453, 5679, 5560, 5686, 5690, 5277, 5479, 5448, 5521 (2 hits)
3	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5710, 5355, 5588, 5280, 5671, 5562, 5523, 5499, 5273, 5373, 5677, 5656, 5502, 5662, 5316, 5626, 5618, 5267, 5515, 5479, 5700, 5263, 5541, 5668, 5549, 5363, 5389, 5327, 5383, 5649, 5610, 5593, 5592, 5367, 5477, 5530, 5300, 5362, 5320, 5322, 5410, 5658, 5564, 5340, 5347, 5318, 5351, 5640, 5645, 5282, 5324, 5517, 5507, 5493, 5538, 5620, 5288, 5468, 5292, 5339, 5305, 5555, 5661, 5328, 5334, 5332, 5500, 5474, 5567, 5680, 5275, 5495, 5335, 5651, 5622, 5721, 5628, 5313, 5403, 5706, 5455, 5338, 5430, 5616, 5624, 5432, 5393, 5374, 5285, 5642, 5431, 5612, 5433, 5258, 5459, 5330, 5629, 5666, 5611, 5678 (6 hits)
4	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5461, 5460, 5294, 5708, 5613, 5433, 5510, 5256, 5329, 5591, 5660, 5566, 5675, 5715, 5664, 5474, 5382, 5561, 5565, 5544, 5484, 5345, 5644, 5443, 5354, 5455, 5687,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5672, 5542, 5677, 5535, 5396, 5497, 5705, 5504, 5589, 5582, 5560, 5616, 5430, 5524, 5395, 5270, 5635, 5641, 5477, 5356, 5496, 5599, 5522, 5390, 5633, 5564, 5714, 5393, 5557, 5543, 5371, 5314, 5439, 5377, 5447, 5539, 5434, 5412, 5523, 5285, 5400, 5300, 5475, 5423, 5617, 5512, 5671, 5555, 5469, 5322, 5407, 5372, 5301, 5579, 5310, 5308, 5324, 5610, 5575, 5437, 5453, 5424, 5381, 5648, 5271, 5684, 5403, 5593, 5525, 5470, 5700, 5549, 5649 (3 hits)
5	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5563, 5535, 5716, 5381, 5262, 5720, 5358, 5648, 5559, 5700, 5320, 5456, 5564, 5425, 5327, 5536, 5519, 5444, 5474, 5503, 5339, 5712, 5309, 5584, 5710, 5497, 5280, 5379, 5494, 5590, 5477, 5571, 5719, 5346, 5278, 5630, 5537, 5650, 5632, 5704, 5545, 5277, 5675, 5386, 5342, 5486, 5438, 5586, 5321, 5383, 5604, 5448, 5658, 5723, 5475, 5476, 5558, 5418, 5640, 5450, 5681, 5303, 5314, 5260, 5299, 5524, 5479, 5402, 5440, 5432, 5513, 5341, 5490, 5544, 5376, 5331, 5532, 5397, 5665, 5332, 5259, 5328, 5310, 5603, 5674, 5387, 5461, 5398, 5391, 5297, 5489, 5582, 5352, 5288, 5380, 5360, 5645, 5416, 5583, 5624 (3 hits)
6	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5663, 5302, 5673, 5686, 5422, 5580, 5526, 5326, 5273, 5511, 5713, 5534, 5416, 5616, 5251, 5457, 5649, 5417, 5270, 5348, 5376, 5635, 5367, 5480, 5687, 5479, 5267, 5347, 5690, 5501, 5601, 5552, 5537, 5493, 5364, 5328, 5565, 5662, 5269, 5637, 5661, 5486, 5403, 5532, 5631, 5291, 5383, 5507, 5721, 5627, 5353, 5278, 5350, 5665, 5694, 5682, 5544, 5595, 5487, 5327, 5277, 5629, 5653, 5684, 5313, 5529, 5411, 5339, 5700, 5559, 5704, 5445, 5433, 5301, 5514, 5441, 5453, 5304, 5319, 5668, 5603, 5642, 5329, 5646, 5429, 5533, 5415, 5626, 5475, 5540, 5253, 5309, 5423, 5455, 5297, 5413, 5555, 5337, 5545, 5503 (4 hits)
7	9	1.0	333.0	No	5495.0MHz, -63.0dBm	Hop sequence: 5656, 5674, 5480, 5283, 5596, 5326, 5418, 5281, 5719, 5693, 5715, 5274, 5474, 5689, 5524, 5387, 5550, 5265, 5485, 5528, 5458, 5718, 5342, 5569, 5334, 5635, 5373, 5346, 5396, 5723, 5675, 5670, 5276, 5543, 5612, 5256, 5547, 5370, 5655, 5443, 5269, 5435, 5399, 5699, 5251, 5338, 5393, 5638, 5408, 5491, 5325, 5286, 5671, 5362, 5415, 5617, 5526, 5385, 5620, 5304, 5357, 5651, 5379, 5710, 5260, 5653, 5514, 5520, 5586,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5688, 5516, 5254, 5621, 5303, 5327, 5316, 5629, 5323, 5293, 5287, 5410, 5587, 5654, 5557, 5650, 5678, 5609, 5395, 5627, 5368, 5574, 5376, 5554, 5705, 5711, 5356, 5280, 5604, 5522, 5682 (1 hits)
8	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5326, 5589, 5306, 5677, 5636, 5343, 5665, 5721, 5478, 5412, 5407, 5496, 5664, 5720, 5282, 5509, 5484, 5632, 5278, 5524, 5275, 5411, 5517, 5675, 5649, 5357, 5531, 5442, 5252, 5348, 5559, 5662, 5486, 5646, 5355, 5711, 5525, 5458, 5444, 5262, 5283, 5617, 5641, 5331, 5415, 5584, 5703, 5565, 5284, 5293, 5459, 5536, 5366, 5707, 5492, 5256, 5655, 5425, 5351, 5405, 5546, 5628, 5453, 5648, 5619, 5666, 5430, 5268, 5660, 5264, 5654, 5454, 5570, 5376, 5481, 5538, 5638, 5378, 5667, 5563, 5419, 5672, 5315, 5443, 5593, 5440, 5541, 5554, 5714, 5387, 5349, 5613, 5725, 5319, 5307, 5330, 5255, 5272, 5364, 5316 (3 hits)
9	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5268, 5259, 5384, 5257, 5564, 5380, 5659, 5687, 5709, 5299, 5459, 5341, 5534, 5636, 5538, 5413, 5660, 5281, 5277, 5331, 5303, 5366, 5344, 5523, 5640, 5255, 5276, 5485, 5721, 5599, 5690, 5537, 5667, 5282, 5593, 5445, 5337, 5252, 5290, 5298, 5678, 5720, 5686, 5349, 5549, 5697, 5348, 5635, 5347, 5624, 5360, 5512, 5325, 5560, 5357, 5539, 5604, 5283, 5650, 5498, 5278, 5433, 5328, 5342, 5446, 5269, 5565, 5267, 5681, 5704, 5422, 5577, 5266, 5509, 5323, 5684, 5471, 5543, 5598, 5462, 5623, 5556, 5520, 5254, 5501, 5305, 5515, 5365, 5272, 5314, 5440, 5480, 5519, 5387, 5584, 5483, 5258, 5613, 5562, 5458 (3 hits)
10	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5420, 5656, 5508, 5493, 5692, 5368, 5647, 5434, 5479, 5447, 5411, 5340, 5504, 5370, 5662, 5309, 5342, 5703, 5271, 5397, 5292, 5541, 5531, 5287, 5716, 5380, 5286, 5381, 5550, 5622, 5714, 5336, 5644, 5395, 5288, 5372, 5701, 5530, 5721, 5446, 5443, 5346, 5496, 5406, 5604, 5696, 5387, 5600, 5266, 5321, 5293, 5482, 5506, 5667, 5390, 5516, 5475, 5588, 5547, 5636, 5344, 5284, 5681, 5702, 5625, 5458, 5558, 5463, 5478, 5375, 5343, 5724, 5573, 5614, 5666, 5574, 5314, 5297, 5551, 5328, 5455, 5312, 5250, 5675, 5424, 5341, 5686, 5577, 5642, 5363, 5415, 5717, 5519, 5584, 5327, 5575, 5616, 5308, 5419, 5503 (6 hits)
11	9	1.0	333.0	Yes	5499.0MHz,	Hop sequence: 5705, 5285, 5298,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5379, 5367, 5528, 5256, 5378, 5584, 5677, 5346, 5585, 5275, 5617, 5499, 5701, 5682, 5577, 5340, 5407, 5712, 5267, 5252, 5646, 5475, 5355, 5419, 5418, 5384, 5652, 5507, 5495, 5644, 5320, 5375, 5700, 5479, 5377, 5269, 5295, 5286, 5603, 5488, 5595, 5621, 5600, 5312, 5279, 5423, 5354, 5332, 5333, 5428, 5394, 5301, 5688, 5637, 5387, 5558, 5342, 5274, 5564, 5670, 5702, 5311, 5260, 5273, 5650, 5557, 5685, 5537, 5451, 5489, 5297, 5587, 5714, 5665, 5686, 5668, 5704, 5658, 5396, 5609, 5533, 5362, 5570, 5645, 5478, 5264, 5282, 5634, 5647, 5402, 5477, 5457, 5656, 5339, 5251, 5719, 5544 (3 hits)
12	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5464, 5632, 5507, 5478, 5408, 5267, 5556, 5474, 5677, 5505, 5663, 5447, 5253, 5373, 5600, 5381, 5457, 5304, 5492, 5720, 5504, 5558, 5283, 5331, 5516, 5428, 5571, 5599, 5325, 5722, 5312, 5669, 5602, 5258, 5622, 5483, 5595, 5593, 5391, 5650, 5388, 5689, 5721, 5340, 5395, 5610, 5703, 5636, 5281, 5529, 5476, 5375, 5470, 5533, 5536, 5541, 5417, 5278, 5692, 5575, 5441, 5359, 5486, 5583, 5290, 5265, 5700, 5725, 5531, 5490, 5372, 5354, 5638, 5569, 5269, 5551, 5477, 5284, 5357, 5676, 5631, 5392, 5261, 5530, 5501, 5262, 5698, 5634, 5285, 5552, 5308, 5289, 5460, 5513, 5518, 5350, 5666, 5406, 5587, 5508 (6 hits)
13	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5549, 5311, 5591, 5261, 5367, 5561, 5474, 5496, 5315, 5298, 5627, 5521, 5524, 5615, 5443, 5348, 5455, 5582, 5480, 5458, 5625, 5377, 5541, 5642, 5383, 5677, 5346, 5588, 5695, 5460, 5319, 5536, 5314, 5683, 5647, 5363, 5650, 5636, 5688, 5646, 5365, 5475, 5705, 5623, 5330, 5537, 5548, 5408, 5509, 5539, 5410, 5334, 5284, 5609, 5441, 5470, 5703, 5505, 5596, 5461, 5674, 5559, 5507, 5270, 5662, 5543, 5468, 5359, 5622, 5452, 5447, 5411, 5611, 5297, 5385, 5619, 5329, 5567, 5419, 5285, 5515, 5251, 5620, 5373, 5484, 5332, 5671, 5557, 5600, 5407, 5701, 5341, 5483, 5327, 5413, 5503, 5374, 5676, 5372, 5556 (5 hits)
14	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5259, 5385, 5541, 5441, 5421, 5513, 5553, 5613, 5647, 5292, 5630, 5353, 5475, 5351, 5723, 5570, 5716, 5364, 5516, 5402, 5684, 5264, 5529, 5714, 5505, 5253, 5314, 5699, 5563, 5436, 5514, 5261, 5309, 5278, 5715, 5633, 5469, 5373, 5520, 5719, 5568, 5606, 5726, 5564, 5607,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5557, 5641, 5317, 5643, 5293, 5717, 5718, 5397, 5552, 5312, 5426, 5601, 5669, 5389, 5522, 5406, 5369, 5688, 5431, 5296, 5295, 5670, 5638, 5488, 5661, 5412, 5504, 5521, 5483, 5370, 5555, 5447, 5395, 5621, 5414, 5443, 5459, 5274, 5517, 5388, 5712, 5405, 5697, 5358, 5418, 5460, 5334, 5270, 5549, 5509, 5703, 5340, 5569, 5695, 5689 (3 hits)
15	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5648, 5298, 5347, 5505, 5610, 5388, 5657, 5629, 5288, 5295, 5684, 5514, 5661, 5628, 5652, 5421, 5280, 5284, 5504, 5377, 5493, 5443, 5331, 5340, 5713, 5702, 5458, 5566, 5655, 5721, 5723, 5344, 5415, 5611, 5404, 5398, 5277, 5561, 5662, 5651, 5417, 5376, 5649, 5488, 5353, 5623, 5593, 5534, 5665, 5506, 5544, 5348, 5540, 5414, 5717, 5621, 5526, 5532, 5354, 5261, 5391, 5407, 5350, 5255, 5430, 5573, 5708, 5563, 5337, 5612, 5590, 5301, 5560, 5575, 5254, 5509, 5370, 5315, 5644, 5363, 5256, 5449, 5401, 5718, 5543, 5620, 5285, 5469, 5565, 5419, 5581, 5432, 5716, 5300, 5390, 5403, 5395, 5707, 5446, 5293 (5 hits)
16	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5610, 5715, 5490, 5605, 5390, 5255, 5703, 5531, 5551, 5510, 5301, 5707, 5335, 5304, 5657, 5421, 5570, 5329, 5406, 5515, 5565, 5677, 5371, 5491, 5666, 5684, 5566, 5396, 5614, 5540, 5518, 5269, 5608, 5333, 5697, 5384, 5283, 5656, 5312, 5368, 5383, 5388, 5315, 5489, 5377, 5683, 5580, 5564, 5379, 5630, 5678, 5654, 5698, 5484, 5504, 5354, 5363, 5501, 5672, 5550, 5385, 5297, 5482, 5693, 5437, 5579, 5424, 5483, 5624, 5724, 5288, 5422, 5314, 5279, 5466, 5533, 5648, 5567, 5679, 5473, 5617, 5479, 5446, 5578, 5702, 5320, 5534, 5362, 5348, 5276, 5671, 5266, 5705, 5548, 5375, 5631, 5452, 5686, 5662, 5537 (3 hits)
17	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5513, 5269, 5530, 5638, 5709, 5522, 5661, 5323, 5282, 5352, 5463, 5500, 5331, 5438, 5593, 5717, 5278, 5506, 5330, 5600, 5725, 5583, 5695, 5718, 5260, 5507, 5255, 5454, 5512, 5599, 5619, 5536, 5656, 5490, 5320, 5350, 5647, 5481, 5558, 5586, 5458, 5707, 5297, 5699, 5696, 5591, 5342, 5309, 5396, 5524, 5596, 5324, 5277, 5532, 5601, 5417, 5334, 5635, 5611, 5419, 5442, 5514, 5423, 5658, 5426, 5374, 5380, 5466, 5386, 5550, 5439, 5250, 5587, 5428, 5712, 5482, 5588, 5562, 5383, 5492, 5537, 5705, 5418, 5437, 5691, 5441, 5388,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5393, 5329, 5518, 5680, 5630, 5548, 5502, 5510, 5434, 5384, 5566, 5371, 5678 (5 hits)
18	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5439, 5539, 5485, 5536, 5428, 5697, 5322, 5543, 5724, 5683, 5653, 5337, 5334, 5385, 5262, 5650, 5686, 5641, 5568, 5296, 5587, 5671, 5590, 5655, 5269, 5287, 5405, 5368, 5692, 5354, 5499, 5320, 5408, 5377, 5596, 5506, 5396, 5361, 5541, 5420, 5612, 5467, 5319, 5395, 5312, 5629, 5465, 5546, 5397, 5494, 5673, 5449, 5295, 5521, 5633, 5338, 5623, 5250, 5637, 5646, 5695, 5335, 5555, 5358, 5690, 5362, 5355, 5284, 5556, 5273, 5578, 5572, 5487, 5345, 5528, 5584, 5410, 5562, 5495, 5602, 5563, 5429, 5372, 5346, 5607, 5662, 5694, 5317, 5275, 5367, 5369, 5303, 5505, 5592, 5696, 5339, 5305, 5450, 5364, 5294 (5 hits)
19	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5584, 5545, 5440, 5285, 5696, 5422, 5572, 5538, 5326, 5421, 5390, 5282, 5356, 5377, 5460, 5474, 5657, 5302, 5369, 5652, 5689, 5355, 5711, 5323, 5261, 5676, 5349, 5299, 5259, 5708, 5670, 5361, 5542, 5364, 5276, 5493, 5505, 5710, 5449, 5526, 5518, 5502, 5278, 5340, 5484, 5424, 5430, 5319, 5691, 5307, 5426, 5310, 5447, 5442, 5504, 5517, 5492, 5535, 5702, 5336, 5497, 5411, 5697, 5673, 5724, 5567, 5499, 5431, 5325, 5312, 5698, 5635, 5515, 5700, 5379, 5288, 5576, 5338, 5373, 5616, 5523, 5573, 5553, 5420, 5496, 5344, 5498, 5557, 5286, 5350, 5529, 5705, 5404, 5267, 5432, 5688, 5692, 5597, 5677, 5366 (9 hits)
20	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5482, 5653, 5607, 5495, 5630, 5512, 5506, 5633, 5668, 5576, 5259, 5503, 5516, 5556, 5631, 5515, 5581, 5510, 5574, 5329, 5274, 5440, 5351, 5575, 5253, 5695, 5557, 5660, 5530, 5624, 5451, 5462, 5648, 5448, 5413, 5564, 5407, 5687, 5382, 5471, 5296, 5364, 5485, 5651, 5560, 5492, 5541, 5563, 5685, 5302, 5254, 5335, 5583, 5418, 5279, 5526, 5724, 5383, 5337, 5277, 5401, 5334, 5571, 5327, 5403, 5674, 5275, 5491, 5411, 5681, 5554, 5324, 5281, 5257, 5290, 5450, 5436, 5567, 5278, 5460, 5603, 5684, 5531, 5294, 5414, 5708, 5498, 5519, 5317, 5606, 5269, 5386, 5346, 5438, 5522, 5612, 5366, 5573, 5579, 5314 (6 hits)
21	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5598, 5463, 5264, 5480, 5504, 5555, 5608, 5379, 5342, 5633, 5297, 5387, 5421, 5715, 5306, 5276, 5560, 5490, 5559, 5358, 5476,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5546, 5503, 5333, 5512, 5271, 5500, 5716, 5502, 5643, 5530, 5272, 5535, 5285, 5495, 5300, 5467, 5373, 5427, 5617, 5595, 5393, 5627, 5321, 5665, 5334, 5717, 5710, 5265, 5565, 5394, 5515, 5371, 5443, 5639, 5701, 5508, 5653, 5666, 5486, 5348, 5719, 5398, 5586, 5642, 5526, 5352, 5602, 5514, 5624, 5375, 5673, 5277, 5637, 5629, 5561, 5266, 5628, 5702, 5434, 5288, 5548, 5690, 5573, 5274, 5278, 5649, 5509, 5432, 5469, 5483, 5279, 5380, 5542, 5425, 5286, 5309, 5671, 5408, 5400 (7 hits)
22	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5360, 5460, 5626, 5346, 5484, 5684, 5257, 5405, 5450, 5372, 5563, 5633, 5611, 5339, 5379, 5645, 5570, 5402, 5689, 5572, 5717, 5349, 5604, 5334, 5706, 5306, 5312, 5253, 5688, 5700, 5356, 5291, 5365, 5313, 5400, 5595, 5437, 5641, 5602, 5525, 5368, 5459, 5719, 5326, 5624, 5573, 5713, 5377, 5413, 5448, 5701, 5543, 5659, 5380, 5529, 5622, 5463, 5285, 5676, 5330, 5425, 5489, 5567, 5417, 5299, 5315, 5615, 5577, 5466, 5603, 5691, 5294, 5301, 5532, 5639, 5671, 5335, 5468, 5516, 5566, 5657, 5587, 5314, 5316, 5261, 5292, 5620, 5263, 5343, 5472, 5430, 5293, 5643, 5565, 5419, 5610, 5708, 5370, 5606, 5506 (1 hits)
23	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5498, 5627, 5711, 5310, 5565, 5275, 5633, 5675, 5650, 5625, 5490, 5638, 5333, 5508, 5530, 5267, 5435, 5706, 5510, 5688, 5582, 5395, 5325, 5302, 5594, 5408, 5601, 5648, 5670, 5685, 5457, 5579, 5641, 5596, 5366, 5322, 5542, 5708, 5313, 5573, 5358, 5345, 5556, 5492, 5422, 5413, 5525, 5598, 5608, 5400, 5370, 5503, 5559, 5703, 5684, 5356, 5323, 5330, 5318, 5377, 5595, 5482, 5463, 5669, 5284, 5698, 5691, 5515, 5262, 5591, 5568, 5588, 5523, 5439, 5268, 5460, 5534, 5279, 5257, 5465, 5398, 5375, 5391, 5297, 5721, 5473, 5424, 5566, 5577, 5385, 5258, 5316, 5486, 5389, 5569, 5383, 5705, 5700, 5531, 5399 (4 hits)
24	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5508, 5300, 5583, 5706, 5397, 5553, 5661, 5627, 5586, 5298, 5443, 5317, 5305, 5460, 5684, 5340, 5470, 5602, 5496, 5377, 5446, 5500, 5721, 5612, 5678, 5441, 5328, 5616, 5332, 5711, 5603, 5664, 5291, 5342, 5355, 5599, 5405, 5251, 5656, 5482, 5574, 5253, 5354, 5683, 5681, 5267, 5672, 5345, 5548, 5455, 5680, 5468, 5430, 5654, 5674, 5287, 5535, 5542, 5353, 5436, 5280, 5712, 5669,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5585, 5688, 5448, 5274, 5670, 5538, 5614, 5268, 5570, 5401, 5507, 5567, 5479, 5464, 5469, 5693, 5463, 5650, 5435, 5536, 5303, 5540, 5707, 5438, 5450, 5364, 5515, 5498, 5537, 5492, 5485, 5386, 5576, 5718, 5692, 5520, 5414 (6 hits)
25	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5544, 5504, 5522, 5437, 5267, 5655, 5398, 5261, 5294, 5409, 5652, 5475, 5571, 5388, 5654, 5347, 5445, 5672, 5607, 5535, 5326, 5309, 5635, 5329, 5644, 5704, 5683, 5542, 5401, 5722, 5416, 5452, 5550, 5477, 5682, 5610, 5671, 5448, 5374, 5420, 5287, 5617, 5450, 5332, 5505, 5509, 5498, 5467, 5658, 5660, 5280, 5488, 5536, 5463, 5384, 5573, 5446, 5685, 5418, 5378, 5699, 5339, 5438, 5559, 5675, 5302, 5527, 5480, 5637, 5277, 5521, 5382, 5387, 5603, 5447, 5412, 5271, 5512, 5336, 5592, 5518, 5377, 5547, 5650, 5337, 5717, 5435, 5707, 5282, 5657, 5469, 5584, 5659, 5664, 5486, 5331, 5608, 5342, 5317, 5702 (4 hits)
26	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5375, 5693, 5277, 5619, 5413, 5658, 5494, 5272, 5595, 5434, 5367, 5627, 5534, 5309, 5354, 5626, 5486, 5447, 5330, 5433, 5622, 5450, 5471, 5384, 5449, 5544, 5633, 5501, 5657, 5485, 5358, 5644, 5546, 5542, 5498, 5442, 5504, 5635, 5653, 5688, 5692, 5487, 5418, 5422, 5526, 5598, 5507, 5465, 5359, 5566, 5716, 5467, 5489, 5617, 5587, 5660, 5675, 5700, 5275, 5360, 5311, 5341, 5441, 5470, 5408, 5561, 5671, 5412, 5531, 5540, 5500, 5361, 5599, 5321, 5274, 5517, 5430, 5347, 5703, 5393, 5365, 5339, 5602, 5304, 5334, 5630, 5308, 5400, 5260, 5605, 5597, 5554, 5578, 5336, 5555, 5646, 5253, 5563, 5527, 5303 (6 hits)
27	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5430, 5607, 5527, 5412, 5474, 5557, 5686, 5683, 5566, 5420, 5254, 5693, 5409, 5502, 5256, 5528, 5575, 5359, 5543, 5529, 5378, 5459, 5636, 5329, 5455, 5305, 5548, 5368, 5298, 5626, 5419, 5643, 5694, 5278, 5651, 5330, 5681, 5588, 5374, 5602, 5649, 5569, 5363, 5429, 5603, 5324, 5564, 5521, 5403, 5333, 5515, 5427, 5352, 5451, 5386, 5376, 5620, 5401, 5472, 5494, 5655, 5599, 5415, 5596, 5670, 5316, 5360, 5288, 5265, 5514, 5650, 5343, 5627, 5418, 5326, 5312, 5325, 5417, 5461, 5538, 5540, 5587, 5619, 5623, 5541, 5617, 5414, 5287, 5671, 5483, 5421, 5725, 5667, 5304, 5553, 5534, 5584, 5601, 5424, 5560 (2 hits)

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5317, 5322, 5438, 5520, 5501, 5455, 5661, 5622, 5517, 5544, 5573, 5425, 5473, 5482, 5487, 5663, 5468, 5359, 5416, 5618, 5527, 5263, 5350, 5470, 5357, 5691, 5690, 5558, 5489, 5432, 5495, 5437, 5695, 5420, 5430, 5674, 5507, 5639, 5492, 5253, 5266, 5706, 5369, 5694, 5540, 5709, 5456, 5629, 5411, 5724, 5352, 5506, 5541, 5402, 5424, 5463, 5551, 5693, 5392, 5296, 5697, 5638, 5254, 5397, 5653, 5426, 5343, 5526, 5434, 5361, 5393, 5567, 5504, 5644, 5654, 5689, 5446, 5389, 5465, 5617, 5700, 5421, 5347, 5331, 5529, 5258, 5602, 5581, 5678, 5621, 5299, 5497, 5440, 5385, 5530, 5687, 5718, 5326, 5543, 5628 (7 hits)
29	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5707, 5493, 5350, 5553, 5363, 5641, 5347, 5318, 5341, 5549, 5433, 5304, 5551, 5648, 5281, 5510, 5531, 5431, 5704, 5267, 5547, 5584, 5279, 5334, 5250, 5319, 5710, 5630, 5642, 5450, 5445, 5288, 5537, 5322, 5387, 5381, 5721, 5677, 5417, 5487, 5316, 5470, 5503, 5355, 5348, 5325, 5260, 5484, 5698, 5289, 5480, 5257, 5357, 5296, 5578, 5523, 5302, 5526, 5611, 5566, 5410, 5632, 5708, 5601, 5294, 5725, 5343, 5467, 5271, 5370, 5365, 5295, 5305, 5478, 5506, 5324, 5539, 5574, 5483, 5690, 5482, 5616, 5465, 5687, 5674, 5270, 5391, 5719, 5602, 5564, 5701, 5635, 5371, 5374, 5262, 5420, 5675, 5425, 5689, 5518 (3 hits)
30	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5304, 5301, 5615, 5466, 5305, 5498, 5406, 5536, 5525, 5270, 5677, 5432, 5545, 5354, 5461, 5274, 5646, 5523, 5444, 5696, 5260, 5592, 5663, 5414, 5558, 5272, 5297, 5542, 5722, 5668, 5650, 5286, 5372, 5250, 5723, 5310, 5377, 5448, 5510, 5623, 5336, 5704, 5356, 5302, 5657, 5296, 5328, 5487, 5447, 5380, 5370, 5606, 5683, 5524, 5719, 5399, 5352, 5584, 5522, 5410, 5365, 5581, 5465, 5563, 5664, 5532, 5472, 5325, 5493, 5533, 5443, 5306, 5505, 5686, 5527, 5716, 5458, 5682, 5676, 5391, 5513, 5618, 5476, 5652, 5515, 5303, 5463, 5661, 5442, 5599, 5378, 5538, 5670, 5455, 5555, 5285, 5648, 5514, 5435, 5489 (3 hits)
31	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5723, 5277, 5399, 5716, 5501, 5355, 5340, 5415, 5579, 5470, 5695, 5687, 5313, 5432, 5655, 5552, 5309, 5362, 5623, 5671, 5348, 5692, 5270, 5268, 5375, 5674, 5699, 5615, 5614, 5371, 5251, 5606, 5613, 5726, 5405, 5461, 5633, 5305, 5660,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5285, 5318, 5292, 5417, 5711, 5527, 5409, 5701, 5471, 5263, 5503, 5573, 5455, 5512, 5629, 5669, 5400, 5306, 5463, 5555, 5467, 5536, 5654, 5649, 5638, 5290, 5515, 5564, 5310, 5558, 5328, 5688, 5377, 5406, 5640, 5319, 5364, 5491, 5595, 5714, 5713, 5485, 5632, 5376, 5559, 5330, 5369, 5273, 5616, 5651, 5570, 5507, 5388, 5304, 5532, 5387, 5657, 5284, 5675, 5427, 5456 (4 hits)
32	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5666, 5563, 5306, 5605, 5608, 5256, 5473, 5599, 5618, 5499, 5371, 5646, 5320, 5503, 5340, 5697, 5514, 5341, 5419, 5302, 5573, 5393, 5391, 5274, 5719, 5682, 5305, 5510, 5638, 5498, 5649, 5634, 5679, 5415, 5361, 5633, 5576, 5280, 5253, 5506, 5388, 5487, 5597, 5536, 5416, 5578, 5720, 5725, 5665, 5429, 5462, 5299, 5401, 5314, 5281, 5298, 5477, 5384, 5304, 5523, 5446, 5343, 5486, 5255, 5323, 5701, 5704, 5387, 5562, 5493, 5433, 5671, 5694, 5583, 5700, 5422, 5380, 5311, 5265, 5268, 5524, 5513, 5540, 5356, 5439, 5286, 5600, 5332, 5308, 5519, 5412, 5276, 5631, 5408, 5287, 5504, 5262, 5481, 5624, 5658 (6 hits)
33	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5622, 5422, 5699, 5450, 5686, 5351, 5483, 5663, 5293, 5682, 5399, 5475, 5274, 5708, 5306, 5342, 5343, 5404, 5723, 5711, 5424, 5607, 5502, 5519, 5603, 5585, 5273, 5526, 5383, 5705, 5442, 5333, 5634, 5308, 5403, 5628, 5675, 5319, 5558, 5325, 5451, 5436, 5525, 5497, 5696, 5369, 5294, 5462, 5432, 5417, 5527, 5311, 5649, 5591, 5612, 5360, 5673, 5552, 5290, 5339, 5721, 5540, 5562, 5402, 5535, 5291, 5671, 5416, 5263, 5539, 5652, 5613, 5653, 5658, 5693, 5676, 5516, 5620, 5680, 5481, 5547, 5495, 5299, 5473, 5669, 5434, 5492, 5252, 5331, 5386, 5292, 5278, 5598, 5605, 5256, 5536, 5350, 5472, 5348, 5395 (4 hits)
34	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5257, 5275, 5498, 5375, 5416, 5708, 5525, 5666, 5444, 5451, 5648, 5531, 5668, 5612, 5658, 5380, 5459, 5277, 5311, 5278, 5667, 5475, 5674, 5566, 5361, 5501, 5388, 5261, 5427, 5399, 5258, 5469, 5571, 5495, 5443, 5289, 5256, 5551, 5508, 5649, 5583, 5419, 5553, 5446, 5619, 5417, 5341, 5449, 5398, 5555, 5710, 5357, 5528, 5283, 5513, 5280, 5440, 5633, 5414, 5613, 5690, 5450, 5391, 5529, 5577, 5655, 5390, 5686, 5499, 5716, 5394, 5608, 5310, 5364, 5304, 5547, 5439, 5359, 5704, 5546, 5576,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5415, 5606, 5484, 5519, 5665, 5567, 5367, 5389, 5474, 5611, 5383, 5582, 5711, 5453, 5252, 5669, 5358, 5267, 5291 (5 hits)
35	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5276, 5510, 5667, 5257, 5596, 5471, 5404, 5668, 5726, 5581, 5312, 5499, 5507, 5575, 5283, 5336, 5551, 5531, 5349, 5627, 5458, 5610, 5513, 5414, 5705, 5260, 5388, 5347, 5591, 5532, 5331, 5391, 5255, 5720, 5430, 5523, 5335, 5700, 5702, 5436, 5600, 5447, 5647, 5384, 5574, 5270, 5457, 5537, 5712, 5450, 5646, 5673, 5455, 5433, 5723, 5426, 5321, 5476, 5381, 5607, 5481, 5374, 5542, 5539, 5690, 5371, 5379, 5527, 5387, 5637, 5402, 5365, 5353, 5611, 5462, 5454, 5496, 5485, 5409, 5399, 5253, 5656, 5315, 5375, 5621, 5536, 5502, 5324, 5687, 5490, 5686, 5297, 5635, 5295, 5396, 5678, 5515, 5519, 5413, 5390 (4 hits)
36	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5308, 5435, 5592, 5421, 5633, 5365, 5504, 5299, 5384, 5707, 5535, 5479, 5510, 5590, 5673, 5602, 5274, 5496, 5406, 5314, 5589, 5502, 5514, 5404, 5640, 5426, 5529, 5310, 5319, 5554, 5428, 5280, 5683, 5368, 5356, 5490, 5650, 5300, 5558, 5250, 5413, 5599, 5303, 5724, 5378, 5498, 5316, 5509, 5621, 5419, 5559, 5500, 5549, 5617, 5711, 5659, 5353, 5399, 5256, 5517, 5336, 5511, 5627, 5252, 5270, 5375, 5317, 5637, 5553, 5488, 5667, 5442, 5311, 5414, 5392, 5538, 5391, 5717, 5343, 5481, 5277, 5260, 5482, 5315, 5255, 5407, 5688, 5573, 5339, 5450, 5455, 5347, 5642, 5671, 5722, 5398, 5638, 5298, 5464, 5394 (6 hits)
37	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5351, 5562, 5580, 5430, 5411, 5502, 5628, 5290, 5678, 5504, 5286, 5295, 5265, 5446, 5570, 5458, 5545, 5436, 5552, 5673, 5465, 5697, 5711, 5255, 5407, 5266, 5639, 5638, 5433, 5435, 5508, 5652, 5278, 5534, 5376, 5347, 5257, 5310, 5519, 5551, 5294, 5399, 5332, 5509, 5475, 5620, 5521, 5480, 5581, 5366, 5401, 5657, 5489, 5325, 5379, 5474, 5312, 5637, 5346, 5293, 5419, 5607, 5499, 5482, 5485, 5396, 5524, 5699, 5543, 5326, 5680, 5497, 5471, 5609, 5685, 5701, 5385, 5250, 5658, 5253, 5617, 5548, 5359, 5398, 5377, 5447, 5625, 5341, 5496, 5479, 5645, 5501, 5389, 5288, 5339, 5334, 5602, 5563, 5604, 5554 (8 hits)
38	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5609, 5666, 5548, 5275, 5382, 5718, 5388, 5285, 5335, 5495, 5587, 5380, 5554, 5487, 5310,

Table 14 - FCC frequency hopping radar (Type 6) Results 802.11n20 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5660, 5679, 5378, 5324, 5615, 5544, 5720, 5616, 5429, 5643, 5321, 5621, 5353, 5383, 5647, 5276, 5536, 5337, 5571, 5726, 5479, 5648, 5417, 5594, 5664, 5307, 5317, 5682, 5288, 5513, 5320, 5464, 5713, 5514, 5556, 5539, 5306, 5303, 5250, 5717, 5696, 5519, 5342, 5572, 5628, 5505, 5606, 5462, 5291, 5546, 5676, 5627, 5653, 5347, 5409, 5460, 5547, 5691, 5492, 5532, 5448, 5661, 5598, 5407, 5578, 5722, 5516, 5350, 5529, 5252, 5457, 5376, 5266, 5570, 5623, 5263, 5579, 5313, 5412, 5632, 5338, 5689, 5633, 5356, 5423 (3 hits)

Table 15 - Long Sequence Waveform Summary 802.11n20 mode

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5500.0MHz, -63.0dBm
Trial #2	Detected	5495.0MHz, -63.0dBm
Trial #3	Detected	5505.0MHz, -63.0dBm
Trial #4	Detected	5500.0MHz, -63.0dBm
Trial #5	NOT Detected	5495.0MHz, -63.0dBm
Trial #6	Detected	5505.0MHz, -63.0dBm
Trial #7	Detected	5500.0MHz, -63.0dBm
Trial #8	Detected	5495.0MHz, -63.0dBm
Trial #9	Detected	5505.0MHz, -63.0dBm
Trial #10	Detected	5500.0MHz, -63.0dBm
Trial #11	Detected	5495.0MHz, -63.0dBm
Trial #12	Detected	5505.0MHz, -63.0dBm
Trial #13	Detected	5500.0MHz, -63.0dBm
Trial #14	Detected	5495.0MHz, -63.0dBm
Trial #15	Detected	5505.0MHz, -63.0dBm
Trial #16	Detected	5500.0MHz, -63.0dBm
Trial #17	NOT Detected	5495.0MHz, -63.0dBm
Trial #18	Detected	5505.0MHz, -63.0dBm
Trial #19	Detected	5500.0MHz, -63.0dBm
Trial #20	Detected	5495.0MHz, -63.0dBm
Trial #21	Detected	5505.0MHz, -63.0dBm
Trial #22	Detected	5500.0MHz, -63.0dBm
Trial #23	Detected	5495.0MHz, -63.0dBm
Trial #24	NOT Detected	5505.0MHz, -63.0dBm
Trial #25	Detected	5500.0MHz, -63.0dBm
Trial #26	Detected	5495.0MHz, -63.0dBm
Trial #27	NOT Detected	5505.0MHz, -63.0dBm
Trial #28	Detected	5500.0MHz, -63.0dBm
Trial #29	Detected	5495.0MHz, -63.0dBm
Trial #30	Detected	5505.0MHz, -63.0dBm

Table 16 - Long Sequence Waveform Trial#1 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.2	14	1066.0	-	0.770308
2	2	93.3	9	1154.0	-	1.391306
3	1	93.2	9	-	-	2.697723
4	1	62.4	15	-	-	3.465430
5	2	87.1	12	1087.0	-	4.193208
6	1	98.4	18	-	-	5.934230
7	1	95.0	19	-	-	6.787723
8	3	76.1	12	1460.0	1974.0	7.847570
9	2	51.2	20	1217.0	-	8.858128
10	1	99.0	16	-	-	9.967652
11	2	77.9	19	1579.0	-	10.712187
12	3	95.3	6	1073.0	1454.0	11.522611

Table 17 - Long Sequence Waveform Trial#2 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	59.5	5	-	-	0.197042
2	2	96.9	16	1987.0	-	2.422626
3	1	61.2	16	-	-	3.510650
4	2	89.1	17	1153.0	-	4.833123
5	3	57.1	6	1908.0	1012.0	5.612580
6	2	98.0	13	1304.0	-	7.279123
7	1	94.4	8	-	-	8.145166
8	3	93.2	6	1472.0	1079.0	10.497495
9	3	85.3	13	1302.0	1092.0	11.316150

Table 18 - Long Sequence Waveform Trial#3 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.2	16	1568.0	-	0.364077
2	1	57.0	13	-	-	1.081782
3	2	95.2	12	1805.0	-	2.830691
4	2	50.7	13	1432.0	-	3.992820
5	2	53.3	14	1826.0	-	4.510256
6	3	52.2	19	1260.0	1149.0	5.498457
7	1	79.8	9	-	-	6.346345
8	1	76.4	13	-	-	7.195178
9	2	66.6	9	1589.0	-	8.427000
10	2	77.8	18	1925.0	-	9.276256
11	2	95.6	8	1892.0	-	10.268151
12	1	68.5	19	-	-	11.069992

Table 19 - Long Sequence Waveform Trial#4 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	61.7	18	1098.0	-	0.508411
2	3	52.6	15	1117.0	1960.0	1.479947
3	3	64.9	6	1563.0	1877.0	2.393702
4	2	62.1	8	1355.0	-	2.631822
5	2	72.2	11	1583.0	-	3.222280
6	3	53.6	14	1100.0	1701.0	4.546749
7	3	55.2	10	1669.0	1690.0	4.985682
8	2	78.4	15	1659.0	-	5.864885
9	1	74.2	7	-	-	6.525517
10	3	81.8	15	1300.0	1982.0	7.318501
11	3	84.7	10	1920.0	1684.0	8.375483
12	1	83.9	14	-	-	9.185678
13	2	76.1	18	1740.0	-	10.100708
14	3	98.2	15	1245.0	1434.0	11.125173
15	2	61.2	13	1968.0	-	11.893984

Table 20 - Long Sequence Waveform Trial#5 (NOT Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.2	15	1255.0	-	0.328335
2	2	96.5	17	1326.0	-	0.758197
3	2	77.7	16	1325.0	-	1.415947
4	3	75.7	15	1499.0	1632.0	1.929833
5	3	67.9	10	1158.0	1488.0	2.755695
6	3	52.4	18	1417.0	1217.0	3.138905
7	1	81.5	19	-	-	3.674502
8	2	57.9	10	1194.0	-	4.798274
9	2	72.7	14	1167.0	-	5.074185
10	1	59.5	15	-	-	5.831457
11	3	93.4	9	1229.0	1311.0	6.093292
12	2	73.4	14	1707.0	-	6.695610
13	1	90.1	14	-	-	7.703222
14	2	86.1	18	1973.0	-	7.925098
15	3	54.4	19	1961.0	1606.0	8.678979
16	2	58.8	11	1823.0	-	9.243971
17	2	75.0	14	1459.0	-	9.802648
18	1	73.0	6	-	-	10.414014
19	1	63.4	11	-	-	10.846928
20	1	90.0	20	-	-	11.922473

Table 21 - Long Sequence Waveform Trial#6 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	94.1	9	1034.0	1905.0	0.915602
2	3	86.0	12	1176.0	1510.0	2.432484
3	3	95.9	6	1580.0	1980.0	2.851436
4	1	77.4	18	-	-	4.180550
5	3	56.1	9	1766.0	1085.0	6.108218
6	3	85.5	9	1581.0	1253.0	6.991849
7	2	61.9	7	1528.0	-	8.617501
8	2	62.7	16	1709.0	-	9.530619
9	2	64.7	7	1667.0	-	11.230133

Table 22 - Long Sequence Waveform Trial#7 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	74.1	16	1735.0	-	0.063545
2	2	92.4	7	1024.0	-	1.332083
3	2	96.3	6	1767.0	-	1.943766
4	2	57.5	12	1785.0	-	2.257296
5	2	63.7	6	1603.0	-	3.231404
6	1	69.8	11	-	-	3.881037
7	2	62.1	11	1640.0	-	4.286003
8	2	72.7	18	1781.0	-	5.169434
9	2	93.8	12	1380.0	-	5.401216
10	3	72.6	19	1689.0	1067.0	6.384556
11	2	88.0	19	1943.0	-	7.020192
12	2	70.7	20	1619.0	-	7.667821
13	1	79.2	9	-	-	8.213484
14	3	77.6	6	1328.0	1704.0	8.847121
15	2	83.0	16	1471.0	-	9.556629
16	2	70.5	16	1600.0	-	10.462713
17	1	72.0	15	-	-	11.313243
18	1	57.6	17	-	-	11.838126

Table 23 - Long Sequence Waveform Trial#8 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	61.1	20	-	-	0.895336
2	3	62.9	16	1944.0	1929.0	1.600279
3	3	85.9	14	1860.0	1063.0	3.548237
4	2	78.7	7	1450.0	-	5.498121
5	3	54.2	9	1566.0	1464.0	7.246619
6	1	96.4	18	-	-	7.721795
7	3	97.5	18	1872.0	1145.0	9.910543
8	1	76.8	14	-	-	11.308526

Table 24 - Long Sequence Waveform Trial#9 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.6	6	1674.0	1705.0	0.278833
2	2	84.6	19	1619.0	-	1.251248
3	3	78.2	12	1439.0	1674.0	1.451001
4	2	52.3	11	1388.0	-	2.216319
5	3	96.5	9	1997.0	1356.0	2.661268
6	1	76.0	5	-	-	3.174555
7	2	77.7	5	1177.0	-	4.266379
8	3	98.8	9	1598.0	1186.0	4.656124
9	2	85.8	14	1693.0	-	5.639823
10	1	50.3	16	-	-	6.179012
11	2	85.8	17	1362.0	-	6.678833
12	2	75.3	12	1840.0	-	7.423788
13	2	92.4	10	1196.0	-	7.968910
14	1	86.4	20	-	-	8.765414
15	3	80.8	7	1433.0	1248.0	9.267091
16	3	81.6	17	1077.0	1698.0	9.920371
17	2	52.3	15	1206.0	-	10.357051
18	2	54.6	16	1877.0	-	11.026593
19	2	59.5	9	1582.0	-	11.779812

Table 25 - Long Sequence Waveform Trial#10 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	89.2	11	-	-	0.206791
2	2	70.3	8	1773.0	-	0.850794
3	2	97.6	13	1215.0	-	1.596399
4	1	80.7	10	-	-	2.275200
5	2	60.3	17	1940.0	-	2.981132
6	3	57.3	14	1517.0	1329.0	4.082222
7	3	88.2	18	1034.0	1600.0	4.768722
8	2	63.9	15	1722.0	-	5.546478
9	2	55.6	5	1562.0	-	5.892613
10	2	76.8	10	1222.0	-	6.762438
11	2	86.8	13	1783.0	-	7.171078
12	3	65.5	8	1612.0	1521.0	8.090221
13	2	63.8	13	1353.0	-	8.934400
14	3	64.0	13	1475.0	1399.0	9.796688
15	1	66.2	6	-	-	10.576642
16	3	91.3	19	1516.0	1870.0	11.184524
17	2	50.6	17	1855.0	-	11.950589

Table 26 - Long Sequence Waveform Trial#11 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.3	19	1102.0	-	0.663511
2	1	87.3	6	-	-	1.513842
3	2	80.1	15	1415.0	-	2.802001
4	3	82.2	15	1111.0	1190.0	4.534548
5	1	87.5	6	-	-	5.889757
6	2	61.7	10	1299.0	-	6.284602
7	1	86.4	8	-	-	7.933381
8	1	58.7	8	-	-	9.098667
9	1	76.0	19	-	-	9.801559
10	3	58.0	8	1317.0	1667.0	11.806917

Table 27 - Long Sequence Waveform Trial#12 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.5	15	1614.0	-	0.515985
2	2	50.5	17	1537.0	-	1.389766
3	2	72.3	15	1301.0	-	1.664087
4	2	70.0	5	1295.0	-	2.793642
5	2	50.2	12	1505.0	-	3.169996
6	1	57.3	16	-	-	4.215108
7	2	67.6	17	1847.0	-	4.537360
8	1	94.7	8	-	-	4.967905
9	2	67.1	10	1412.0	-	5.866378
10	3	79.2	6	1188.0	1528.0	6.451826
11	2	57.2	14	1804.0	-	7.614401
12	3	90.8	20	1448.0	1387.0	7.878982
13	2	98.3	19	1139.0	-	8.748009
14	1	87.4	11	-	-	9.856885
15	3	70.7	12	1066.0	1947.0	10.248927
16	2	57.2	16	1167.0	-	11.093577
17	2	88.6	18	1652.0	-	11.583031

Table 28 - Long Sequence Waveform Trial#13 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	94.5	11	1296.0	-	0.076659
2	2	54.9	19	1622.0	-	1.654352
3	2	85.9	17	1104.0	-	2.688021
4	1	54.8	19	-	-	3.671830
5	2	82.8	12	1896.0	-	4.633644
6	1	80.4	17	-	-	5.022738
7	2	69.4	15	1299.0	-	6.733079
8	1	68.0	9	-	-	7.584597
9	2	97.4	15	1224.0	-	8.119813
10	3	64.8	13	1029.0	1814.0	9.696661
11	2	50.0	9	1300.0	-	10.483440
12	3	57.7	15	1400.0	1439.0	11.841539

Table 29 - Long Sequence Waveform Trial#14 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	67.8	15	1032.0	1015.0	0.697634
2	2	91.8	6	1932.0	-	1.681512
3	1	55.4	15	-	-	1.985890
4	3	79.0	7	1252.0	1797.0	2.943806
5	2	67.5	5	1142.0	-	3.906106
6	3	57.6	12	1616.0	1732.0	5.314105
7	2	75.0	11	1254.0	-	6.356390
8	1	51.3	16	-	-	6.908861
9	2	84.4	7	1055.0	-	7.425153
10	3	79.7	11	1241.0	1421.0	8.712489
11	2	62.6	14	1772.0	-	9.309504
12	2	82.5	9	1943.0	-	10.201009
13	2	84.4	19	1955.0	-	11.080897

Table 30 - Long Sequence Waveform Trial#15 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.3	10	1502.0	-	0.311636
2	1	81.2	9	-	-	2.010669
3	1	71.1	9	-	-	2.952830
4	2	70.0	8	1932.0	-	3.931255
5	2	77.4	9	1840.0	-	4.938862
6	1	76.8	17	-	-	6.729662
7	3	62.3	19	1107.0	1778.0	8.215075
8	1	76.0	6	-	-	8.750590
9	3	77.3	16	1218.0	1219.0	10.706501
10	1	72.0	8	-	-	11.195544

Table 31 - Long Sequence Waveform Trial#16 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	71.7	17	-	-	0.593472
2	2	74.6	14	1802.0	-	0.890139
3	3	73.5	14	1489.0	1904.0	1.672731
4	2	57.5	19	1627.0	-	2.622811
5	2	65.5	8	1631.0	-	3.178968
6	1	53.8	13	-	-	3.972208
7	3	65.4	9	1979.0	1439.0	4.524367
8	2	79.7	7	1401.0	-	5.082979
9	2	59.5	15	1842.0	-	5.644213
10	3	98.8	6	1949.0	1673.0	6.158453
11	3	77.2	13	1565.0	1593.0	6.976986
12	2	50.8	10	1811.0	-	7.420221
13	3	84.6	6	1422.0	1737.0	8.505367
14	1	95.6	7	-	-	8.762775
15	2	52.4	9	1684.0	-	9.468927
16	2	86.6	8	1126.0	-	10.176586
17	2	56.5	20	1753.0	-	11.113388
18	2	75.9	17	1953.0	-	11.490072

Table 32 - Long Sequence Waveform Trial#17 (NOT Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.7	18	1976.0	1679.0	0.436305
2	3	75.6	10	1827.0	1018.0	0.950445
3	2	76.1	17	1708.0	-	2.358040
4	1	75.7	7	-	-	2.881812
5	2	75.2	20	1912.0	-	3.787344
6	1	65.3	7	-	-	4.653727
7	2	85.4	9	1093.0	-	5.182022
8	1	61.0	14	-	-	5.716277
9	1	91.2	7	-	-	7.139633
10	2	79.0	10	1694.0	-	7.639590
11	2	53.0	19	1266.0	-	8.705392
12	1	75.1	9	-	-	9.310334
13	3	75.9	6	1582.0	1540.0	9.702939
14	2	55.1	19	1285.0	-	10.927570
15	2	78.3	18	1907.0	-	11.893586

Table 33 - Long Sequence Waveform Trial#18 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	61.8	14	-	-	0.281650
2	2	56.7	14	1807.0	-	2.048079
3	1	86.0	15	-	-	3.260681
4	2	91.1	13	1130.0	-	3.728241
5	2	86.9	15	1681.0	-	5.464726
6	2	82.3	17	1195.0	-	6.068251
7	1	95.6	14	-	-	7.790434
8	2	65.6	13	1309.0	-	8.534754
9	2	69.4	9	1190.0	-	10.069122
10	2	73.4	7	1674.0	-	11.251354

Table 34 - Long Sequence Waveform Trial#19 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	60.9	18	1388.0	1354.0	0.570988
2	2	58.9	18	1539.0	-	1.643881
3	2	76.5	10	1916.0	-	2.619508
4	1	63.8	15	-	-	3.181011
5	2	56.0	12	1326.0	-	4.572834
6	2	60.8	12	1945.0	-	5.275925
7	2	87.3	10	1414.0	-	5.889719
8	2	58.5	7	1718.0	-	6.612868
9	2	82.5	5	1142.0	-	8.281605
10	1	67.2	16	-	-	9.230073
11	3	51.9	8	1976.0	1769.0	9.795788
12	1	97.6	18	-	-	10.266674
13	3	60.5	9	1579.0	1407.0	11.198097

Table 35 - Long Sequence Waveform Trial#20 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.0	12	1805.0	-	0.440036
2	3	90.9	8	1326.0	1994.0	1.166023
3	2	80.4	6	1154.0	-	2.246957
4	2	94.9	8	1379.0	-	3.496842
5	2	92.0	19	1538.0	-	4.493516
6	2	89.6	5	1471.0	-	6.376627
7	2	86.0	11	1782.0	-	6.938379
8	1	64.0	9	-	-	8.518432
9	2	86.7	6	1575.0	-	9.252134
10	2	74.8	10	1001.0	-	10.843211
11	2	61.9	17	1263.0	-	11.021249

Table 36 - Long Sequence Waveform Trial#21 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	55.1	5	1626.0	1563.0	0.442292
2	2	67.4	10	1962.0	-	1.756872
3	2	94.7	9	1601.0	-	1.921337
4	2	99.7	10	1346.0	-	3.312853
5	2	72.8	18	1684.0	-	4.189470
6	2	99.1	9	1047.0	-	4.969706
7	3	88.5	8	1384.0	1999.0	6.343091
8	1	75.7	16	-	-	6.961790
9	1	82.8	6	-	-	7.860049
10	1	67.5	9	-	-	8.522223
11	3	90.4	18	1949.0	1707.0	9.588322
12	2	78.3	18	1783.0	-	10.795747
13	2	63.6	6	1872.0	-	11.366614

Table 37 - Long Sequence Waveform Trial#22 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.7	7	1962.0	-	0.301734
2	1	68.4	6	-	-	1.307038
3	2	88.5	11	1343.0	-	1.685174
4	2	87.4	19	1756.0	-	2.741434
5	2	90.5	18	1407.0	-	3.946528
6	1	90.1	7	-	-	4.508890
7	1	94.0	17	-	-	4.969889
8	2	73.7	17	1435.0	-	6.050515
9	3	99.5	13	1857.0	1383.0	6.957720
10	1	77.9	17	-	-	7.573326
11	3	51.9	13	1661.0	1311.0	8.297929
12	2	95.4	16	1294.0	-	9.364297
13	3	90.2	9	1990.0	1273.0	10.039786
14	2	51.6	8	1000.0	-	10.736298
15	3	50.2	12	1306.0	1546.0	11.408346

Table 38 - Long Sequence Waveform Trial#23 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	97.6	15	-	-	0.670077
2	3	87.4	17	1112.0	1064.0	1.395868
3	3	60.5	13	1381.0	1273.0	2.381545
4	1	60.2	8	-	-	4.301729
5	1	80.3	10	-	-	4.528802
6	2	57.1	15	1440.0	-	6.205942
7	2	72.8	16	1696.0	-	7.450324
8	2	57.8	8	1952.0	-	8.221089
9	2	66.5	15	1410.0	-	9.018015
10	3	75.1	17	1994.0	1549.0	10.730349
11	1	58.1	19	-	-	11.918702

Table 39 - Long Sequence Waveform Trial#24 (NOT Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	95.0	8	-	-	0.532216
2	2	56.1	7	1504.0	-	1.227490
3	1	60.6	16	-	-	2.723081
4	2	97.9	14	1426.0	-	3.450141
5	2	97.7	16	1322.0	-	4.041966
6	1	81.3	12	-	-	5.535544
7	3	63.3	10	1869.0	1304.0	6.089319
8	3	52.6	7	1501.0	1756.0	7.256589
9	2	69.4	15	1824.0	-	8.187790
10	2	82.4	8	1864.0	-	8.500864
11	3	73.3	7	1985.0	1656.0	9.908209
12	3	74.5	9	1638.0	1537.0	10.659255
13	3	71.4	20	1582.0	1016.0	11.458010

Table 40 - Long Sequence Waveform Trial#25 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	98.6	14	1311.0	1130.0	0.600048
2	2	81.2	8	1495.0	-	1.455440
3	2	74.3	16	1438.0	-	1.868606
4	2	52.6	12	1627.0	-	2.893102
5	2	60.7	9	1507.0	-	3.597680
6	2	75.3	12	1657.0	-	4.088766
7	2	64.7	6	1731.0	-	4.951944
8	3	57.5	7	1630.0	1114.0	5.858860
9	2	59.1	10	1663.0	-	6.124711
10	2	79.7	14	1509.0	-	7.448914
11	2	86.7	7	1988.0	-	8.215415
12	2	72.2	9	1532.0	-	8.277621
13	2	53.6	19	1953.0	-	9.670199
14	2	93.4	8	1494.0	-	10.430310
15	2	75.0	17	1902.0	-	10.622177
16	2	62.3	14	1861.0	-	11.913638

Table 41 - Long Sequence Waveform Trial#26 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	73.7	16	1956.0	1168.0	0.269678
2	1	63.7	18	-	-	1.044710
3	2	56.4	12	1392.0	-	2.335701
4	2	80.9	15	1707.0	-	2.819352
5	3	83.7	6	1935.0	1206.0	3.818178
6	3	86.4	9	1075.0	1975.0	4.791110
7	2	89.5	16	1466.0	-	6.009768
8	1	52.9	16	-	-	7.050207
9	1	82.7	19	-	-	7.926764
10	1	75.7	20	-	-	8.593613
11	2	72.4	14	1705.0	-	9.276106
12	2	64.4	8	1978.0	-	10.385762
13	1	77.5	15	-	-	11.668930

Table 42 - Long Sequence Waveform Trial#27 (NOT Detected) 802.11n20 mode

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	1090.0	1914.0	0.838794
2	2	61.0	13	1852.0	-	1.554003
3	1	62.2	11	-	-	2.336637
4	1	77.9	6	-	-	2.874961
5	3	54.2	18	1460.0	1227.0	4.389971
6	3	55.0	8	1909.0	1581.0	4.835068
7	2	84.3	11	1397.0	-	6.259178
8	2	53.6	8	1189.0	-	6.839748
9	3	93.6	19	1858.0	1469.0	7.403019
10	3	95.0	5	1903.0	1671.0	9.093313
11	2	62.3	6	1817.0	-	10.034560
12	1	93.1	18	-	-	10.786386
13	3	50.8	11	1736.0	1545.0	11.153456

Table 43 - Long Sequence Waveform Trial#28 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.6	9	1196.0	-	0.535534
2	2	54.2	14	1480.0	-	1.563369
3	2	98.3	12	1028.0	-	2.720660
4	2	90.8	14	1544.0	-	5.131692
5	2	69.8	16	1315.0	-	5.813075
6	2	68.5	11	1059.0	-	7.288227
7	2	52.8	9	1103.0	-	8.694599
8	2	65.8	14	1631.0	-	10.123866
9	2	83.4	19	1311.0	-	11.533088

Table 44 - Long Sequence Waveform Trial#29 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	90.1	8	-	-	0.226039
2	1	81.4	16	-	-	1.212025
3	1	89.3	14	-	-	1.629254
4	3	65.2	16	1675.0	1228.0	2.197828
5	3	51.8	13	1543.0	1901.0	3.499288
6	1	91.5	20	-	-	3.643838
7	2	73.7	10	1718.0	-	4.680891
8	1	69.9	20	-	-	5.171570
9	2	68.7	14	1258.0	-	5.901467
10	2	77.3	11	1738.0	-	6.931696
11	1	70.1	9	-	-	7.309431
12	1	77.2	10	-	-	8.013274
13	2	98.1	14	1058.0	-	8.753349
14	3	97.1	18	1972.0	1180.0	9.698332
15	2	62.6	8	1483.0	-	10.059968
16	2	84.1	13	1155.0	-	10.727019
17	2	79.9	17	1953.0	-	11.596778

Table 45 - Long Sequence Waveform Trial#30 (Detected) 802.11n20 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.8	10	1468.0	-	0.253613
2	1	74.8	8	-	-	1.655431
3	2	87.2	15	1595.0	-	2.699834
4	3	56.3	5	1818.0	1018.0	3.703391
5	3	95.1	6	1788.0	1293.0	4.838147
6	2	88.7	15	1136.0	-	5.722417
7	1	82.2	20	-	-	6.011652
8	2	99.2	11	1402.0	-	7.953325
9	2	61.7	6	1904.0	-	8.345807
10	2	61.2	5	1408.0	-	9.544717
11	1	60.8	15	-	-	10.421247
12	2	99.4	9	1600.0	-	11.909341

Table 46 - Detection Bandwidth Measurements (Bandwidth: ± 19 MHz) 802.11n40 mode

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5490.00 MHz	0	2	0
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	9	1	90
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	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 0)	5495.00 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)	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)	5520.00 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	10	0	100
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	10	0	100
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	0	2	0

Table 47 - Summary of All Results 802.11n40 mode

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)	93.3 %	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)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	97.4 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	39	PASSED
Long Sequence	86.7 %	80.0 %	30	PASSED

Table 48 - FCC Short Pulse Radar (Type 1A) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	62	1.0	858.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	102	1.0	518.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	61	1.0	878.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	83	1.0	638.0	Yes	5495.0MHz, -63.0dBm	Single burst
5	74	1.0	718.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	68	1.0	778.0	Yes	5520.0MHz, -63.0dBm	Single burst
7	92	1.0	578.0	Yes	5515.0MHz, -63.0dBm	Single burst
8	58	1.0	918.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	76	1.0	698.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	67	1.0	798.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	81	1.0	658.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	95	1.0	558.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	72	1.0	738.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	70	1.0	758.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	99	1.0	538.0	Yes	5510.0MHz, -63.0dBm	Single burst

Table 49 - FCC Short Pulse Radar (Type 1B) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	44	1.0	1206.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	28	1.0	1902.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	31	1.0	1720.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	56	1.0	952.0	Yes	5495.0MHz, -63.0dBm	Single burst
5	35	1.0	1533.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	39	1.0	1374.0	Yes	5520.0MHz, -63.0dBm	Single burst
7	28	1.0	1895.0	No	5515.0MHz, -63.0dBm	Single burst
8	63	1.0	849.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	21	1.0	2564.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	30	1.0	1770.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	84	1.0	634.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	58	1.0	921.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	21	1.0	2551.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	30	1.0	1765.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	20	1.0	2717.0	Yes	5510.0MHz, -63.0dBm	Single burst

Table 50 - FCC Short Pulse Radar (Type 2) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	27	4.9	215.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	25	1.0	223.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	27	2.1	159.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	23	1.1	229.0	Yes	5495.0MHz, -63.0dBm	Single burst
5	24	3.5	226.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	23	2.3	230.0	Yes	5520.0MHz, -63.0dBm	Single burst
7	25	1.2	221.0	Yes	5515.0MHz, -63.0dBm	Single burst
8	23	1.6	155.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	23	4.6	210.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	23	2.6	182.0	No	5500.0MHz, -63.0dBm	Single burst
11	29	4.8	204.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	24	2.2	180.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	24	4.6	161.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	26	4.7	229.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	27	3.6	160.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	24	4.5	176.0	Yes	5505.0MHz, -63.0dBm	Single burst
17	27	1.9	174.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	24	2.1	175.0	Yes	5495.0MHz, -63.0dBm	Single burst
19	24	1.2	199.0	Yes	5525.0MHz, -63.0dBm	Single burst
20	24	2.2	206.0	Yes	5520.0MHz, -63.0dBm	Single burst
21	27	3.8	192.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	28	2.3	160.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	27	1.8	159.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	24	2.4	200.0	Yes	5500.0MHz, -63.0dBm	Single burst
25	25	3.9	204.0	Yes	5495.0MHz, -63.0dBm	Single burst
26	29	4.2	164.0	Yes	5525.0MHz, -63.0dBm	Single burst
27	28	2.3	166.0	Yes	5520.0MHz, -63.0dBm	Single burst
28	26	4.3	211.0	Yes	5515.0MHz, -63.0dBm	Single burst
29	23	2.0	175.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	25	4.5	212.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 51 - FCC Short Pulse Radar (Type 3) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	6.9	409.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	17	9.9	267.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	16	7.1	476.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	18	7.1	444.0	Yes	5495.0MHz, -63.0dBm	Single burst
5	18	9.1	405.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	17	7.7	275.0	Yes	5520.0MHz, -63.0dBm	Single burst
7	17	9.0	438.0	Yes	5515.0MHz, -63.0dBm	Single burst
8	16	6.9	422.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	18	8.0	256.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	17	9.7	382.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	18	8.5	448.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	17	6.8	344.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	16	6.4	394.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	17	7.8	303.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	16	7.6	294.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	17	6.5	487.0	Yes	5505.0MHz, -63.0dBm	Single burst
17	17	6.6	469.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	17	9.9	249.0	Yes	5495.0MHz, -63.0dBm	Single burst
19	17	6.3	211.0	Yes	5525.0MHz, -63.0dBm	Single burst
20	16	6.6	484.0	Yes	5520.0MHz, -63.0dBm	Single burst
21	17	7.0	497.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	17	7.1	235.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	17	9.9	385.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	17	7.3	362.0	Yes	5500.0MHz, -63.0dBm	Single burst
25	17	8.9	211.0	No	5495.0MHz, -63.0dBm	Single burst
26	18	8.3	395.0	Yes	5525.0MHz, -63.0dBm	Single burst
27	18	8.8	405.0	Yes	5520.0MHz, -63.0dBm	Single burst
28	18	7.4	250.0	Yes	5515.0MHz, -63.0dBm	Single burst
29	18	8.3	266.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	16	7.5	219.0	No	5505.0MHz, -63.0dBm	Single burst

Table 52 - FCC Short Pulse Radar (Type 4) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	15	11.7	279.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	15	18.8	342.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	14	11.0	268.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	13	19.1	461.0	Yes	5495.0MHz, -63.0dBm	Single burst
5	15	18.7	436.0	Yes	5525.0MHz, -63.0dBm	Single burst
6	12	14.4	256.0	Yes	5520.0MHz, -63.0dBm	Single burst
7	14	15.2	345.0	Yes	5515.0MHz, -63.0dBm	Single burst
8	12	12.3	384.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	13	15.9	463.0	Yes	5505.0MHz, -63.0dBm	Single burst
10	13	17.0	388.0	Yes	5500.0MHz, -63.0dBm	Single burst
11	14	16.8	469.0	Yes	5495.0MHz, -63.0dBm	Single burst
12	13	16.0	348.0	Yes	5525.0MHz, -63.0dBm	Single burst
13	13	18.9	381.0	Yes	5520.0MHz, -63.0dBm	Single burst
14	13	12.2	299.0	Yes	5515.0MHz, -63.0dBm	Single burst
15	12	13.3	352.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	14	12.1	457.0	Yes	5505.0MHz, -63.0dBm	Single burst
17	14	15.6	392.0	Yes	5500.0MHz, -63.0dBm	Single burst
18	13	19.4	433.0	Yes	5495.0MHz, -63.0dBm	Single burst
19	15	16.6	204.0	Yes	5525.0MHz, -63.0dBm	Single burst
20	16	15.2	456.0	Yes	5520.0MHz, -63.0dBm	Single burst
21	15	16.1	291.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	15	13.0	417.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	13	14.0	400.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	15	16.0	340.0	Yes	5500.0MHz, -63.0dBm	Single burst
25	15	12.9	318.0	Yes	5495.0MHz, -63.0dBm	Single burst
26	14	12.0	329.0	Yes	5525.0MHz, -63.0dBm	Single burst
27	13	19.3	408.0	Yes	5520.0MHz, -63.0dBm	Single burst
28	15	18.7	424.0	Yes	5515.0MHz, -63.0dBm	Single burst
29	13	14.6	396.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	14	18.7	499.0	Yes	5505.0MHz, -63.0dBm	Single burst

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode						
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, -63.0dBm	Hop sequence: 5481, 5652, 5696, 5579, 5710, 5333, 5698, 5404, 5524, 5553, 5644, 5413, 5295, 5420, 5415, 5374, 5515, 5569, 5460, 5520, 5571, 5397, 5559, 5317, 5563, 5616, 5528, 5456, 5468, 5499, 5450, 5334, 5445, 5351, 5721, 5390, 5451, 5679, 5496, 5255, 5517, 5534, 5354, 5642, 5599, 5392, 5292, 5410, 5542, 5331, 5372, 5541, 5428, 5471, 5580, 5564, 5500, 5606, 5462, 5689, 5394, 5356, 5516, 5436, 5265, 5590, 5603, 5595, 5718, 5315, 5270, 5307, 5432, 5290, 5389, 5470, 5426, 5281, 5386, 5715, 5613, 5399, 5522, 5357, 5340, 5634, 5550, 5658, 5678, 5623, 5298, 5314, 5454, 5400, 5361, 5488, 5301, 5690, 5312, 5418 (10 hits)
2	9	1.0	333.0	Yes	5529.0MHz, -63.0dBm	Hop sequence: 5681, 5486, 5263, 5654, 5441, 5480, 5286, 5717, 5452, 5526, 5404, 5603, 5590, 5370, 5361, 5416, 5432, 5421, 5462, 5709, 5397, 5683, 5444, 5642, 5562, 5693, 5278, 5266, 5364, 5407, 5534, 5434, 5262, 5471, 5284, 5437, 5297, 5686, 5298, 5260, 5326, 5366, 5510, 5491, 5583, 5478, 5512, 5443, 5384, 5424, 5519, 5461, 5496, 5664, 5657, 5707, 5618, 5710, 5550, 5352, 5542, 5700, 5572, 5594, 5413, 5304, 5581, 5689, 5382, 5294, 5330, 5632, 5675, 5451, 5385, 5660, 5576, 5540, 5620, 5331, 5465, 5469, 5612, 5429, 5445, 5257, 5345, 5344, 5684, 5252, 5568, 5458, 5566, 5724, 5648, 5365, 5334, 5690, 5351, 5677 (6 hits)
3	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5469, 5291, 5555, 5590, 5551, 5354, 5541, 5638, 5527, 5407, 5382, 5451, 5652, 5620, 5560, 5613, 5467, 5516, 5622, 5361, 5326, 5714, 5679, 5252, 5589, 5631, 5564, 5274, 5293, 5464, 5338, 5380, 5621, 5481, 5452, 5261, 5490, 5317, 5593, 5501, 5604, 5318, 5700, 5669, 5357, 5697, 5673, 5313, 5592, 5379, 5666, 5259, 5483, 5520, 5435, 5493, 5553, 5294, 5374, 5706, 5587, 5618, 5368, 5431, 5672, 5430, 5408, 5279, 5492, 5303, 5377, 5586, 5518, 5358, 5615, 5385, 5419, 5364, 5509, 5340, 5316, 5349, 5412, 5461, 5414, 5711, 5463, 5495, 5603, 5314, 5390, 5662, 5265, 5611, 5651, 5327, 5375, 5528, 5500, 5305 (11 hits)
4	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5401, 5463, 5270, 5591, 5718, 5367, 5719, 5388, 5558, 5518, 5691, 5569, 5712, 5297, 5382, 5422, 5330, 5374, 5335, 5364, 5563, 5662, 5686, 5440, 5524, 5625, 5359,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5392, 5282, 5258, 5507, 5577, 5480, 5503, 5586, 5450, 5624, 5366, 5487, 5251, 5342, 5527, 5704, 5632, 5409, 5355, 5323, 5684, 5599, 5515, 5322, 5299, 5415, 5360, 5427, 5284, 5500, 5616, 5562, 5327, 5612, 5489, 5277, 5659, 5694, 5541, 5546, 5655, 5566, 5312, 5512, 5338, 5319, 5657, 5331, 5372, 5320, 5510, 5698, 5630, 5610, 5525, 5688, 5452, 5596, 5675, 5259, 5650, 5582, 5443, 5470, 5658, 5418, 5349, 5713, 5465, 5665, 5708, 5353, 5474 (10 hits)
5	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5524, 5372, 5486, 5323, 5402, 5253, 5542, 5423, 5699, 5663, 5718, 5403, 5706, 5360, 5359, 5704, 5298, 5590, 5265, 5393, 5383, 5472, 5271, 5593, 5629, 5653, 5572, 5332, 5618, 5624, 5709, 5282, 5397, 5620, 5599, 5566, 5321, 5665, 5455, 5506, 5509, 5534, 5287, 5432, 5468, 5656, 5595, 5675, 5351, 5498, 5523, 5684, 5519, 5361, 5680, 5585, 5389, 5645, 5583, 5453, 5606, 5371, 5493, 5705, 5692, 5414, 5285, 5418, 5691, 5573, 5529, 5380, 5510, 5295, 5490, 5503, 5499, 5552, 5541, 5425, 5569, 5384, 5297, 5288, 5429, 5667, 5707, 5632, 5563, 5507, 5270, 5401, 5419, 5447, 5392, 5369, 5604, 5616, 5308, 5607 (12 hits)
6	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5671, 5485, 5604, 5403, 5682, 5639, 5523, 5692, 5510, 5504, 5709, 5416, 5505, 5595, 5548, 5305, 5562, 5340, 5520, 5386, 5391, 5334, 5561, 5554, 5630, 5359, 5498, 5263, 5672, 5385, 5660, 5291, 5329, 5327, 5390, 5568, 5556, 5326, 5631, 5586, 5457, 5342, 5266, 5717, 5280, 5611, 5448, 5436, 5402, 5312, 5569, 5648, 5673, 5452, 5545, 5600, 5487, 5328, 5393, 5444, 5353, 5389, 5580, 5496, 5528, 5276, 5422, 5462, 5714, 5460, 5447, 5531, 5527, 5464, 5704, 5318, 5302, 5375, 5317, 5380, 5284, 5417, 5646, 5440, 5257, 5718, 5506, 5601, 5647, 5458, 5350, 5365, 5325, 5565, 5252, 5618, 5358, 5474, 5361, 5470 (10 hits)
7	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5721, 5477, 5656, 5332, 5667, 5658, 5310, 5334, 5291, 5572, 5356, 5384, 5380, 5285, 5569, 5462, 5365, 5605, 5551, 5564, 5409, 5496, 5483, 5327, 5319, 5287, 5649, 5378, 5309, 5481, 5312, 5546, 5683, 5587, 5412, 5579, 5621, 5260, 5609, 5581, 5661, 5347, 5277, 5346, 5632, 5330, 5460, 5625, 5708, 5663, 5660, 5497, 5584, 5528, 5567, 5542, 5451, 5335, 5259, 5499, 5593, 5653, 5597, 5524, 5628, 5595, 5536, 5559, 5397,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5333, 5323, 5557, 5603, 5699, 5444, 5624, 5315, 5353, 5633, 5256, 5450, 5703, 5487, 5383, 5669, 5689, 5432, 5288, 5328, 5713, 5578, 5465, 5586, 5406, 5707, 5612, 5686, 5351, 5273, 5369 (5 hits)
8	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5524, 5579, 5412, 5695, 5628, 5481, 5387, 5668, 5570, 5367, 5417, 5335, 5584, 5722, 5631, 5346, 5411, 5476, 5573, 5707, 5554, 5635, 5654, 5627, 5300, 5447, 5356, 5655, 5506, 5724, 5604, 5534, 5696, 5688, 5380, 5682, 5465, 5301, 5291, 5693, 5338, 5413, 5626, 5548, 5542, 5467, 5701, 5405, 5720, 5650, 5530, 5706, 5544, 5457, 5656, 5639, 5442, 5691, 5272, 5488, 5531, 5675, 5296, 5403, 5484, 5349, 5382, 5426, 5410, 5723, 5642, 5702, 5344, 5638, 5634, 5607, 5259, 5670, 5414, 5323, 5268, 5399, 5279, 5662, 5566, 5686, 5685, 5351, 5571, 5460, 5523, 5669, 5608, 5600, 5318, 5497, 5378, 5486, 5393, 5472 (4 hits)
9	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5259, 5663, 5501, 5314, 5369, 5428, 5464, 5454, 5530, 5422, 5376, 5643, 5261, 5421, 5353, 5714, 5339, 5725, 5544, 5458, 5546, 5345, 5271, 5420, 5573, 5607, 5521, 5429, 5330, 5708, 5570, 5463, 5569, 5566, 5446, 5412, 5672, 5639, 5701, 5264, 5705, 5355, 5606, 5718, 5694, 5480, 5524, 5684, 5590, 5551, 5331, 5467, 5568, 5348, 5357, 5317, 5377, 5413, 5375, 5507, 5426, 5509, 5359, 5710, 5616, 5554, 5577, 5609, 5500, 5536, 5535, 5379, 5651, 5508, 5483, 5327, 5623, 5313, 5389, 5619, 5582, 5262, 5293, 5321, 5679, 5455, 5415, 5371, 5250, 5542, 5292, 5384, 5354, 5378, 5608, 5682, 5459, 5288, 5424, 5541 (7 hits)
10	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5259, 5663, 5501, 5314, 5369, 5428, 5464, 5454, 5530, 5422, 5376, 5643, 5261, 5421, 5353, 5714, 5339, 5725, 5544, 5458, 5546, 5345, 5271, 5420, 5573, 5607, 5521, 5429, 5330, 5708, 5570, 5463, 5569, 5566, 5446, 5412, 5672, 5639, 5701, 5264, 5705, 5355, 5606, 5718, 5694, 5480, 5524, 5684, 5590, 5551, 5331, 5467, 5568, 5348, 5357, 5317, 5377, 5413, 5375, 5507, 5426, 5509, 5359, 5710, 5616, 5554, 5577, 5609, 5500, 5536, 5535, 5379, 5651, 5508, 5483, 5327, 5623, 5313, 5389, 5619, 5582, 5262, 5293, 5321, 5679, 5455, 5415, 5371, 5250, 5542, 5292, 5384, 5354, 5378, 5608, 5682, 5459, 5288, 5424, 5541 (7 hits)
11	9	1.0	333.0	Yes	5498.0MHz,	Hop sequence: 5427, 5656, 5321,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5551, 5698, 5593, 5364, 5576, 5466, 5665, 5547, 5294, 5565, 5628, 5571, 5257, 5553, 5566, 5397, 5724, 5595, 5470, 5264, 5492, 5373, 5494, 5457, 5507, 5530, 5379, 5623, 5582, 5699, 5501, 5449, 5712, 5393, 5429, 5610, 5462, 5467, 5324, 5252, 5330, 5715, 5633, 5549, 5589, 5381, 5354, 5506, 5635, 5696, 5614, 5418, 5376, 5658, 5475, 5716, 5569, 5481, 5496, 5313, 5491, 5355, 5432, 5299, 5659, 5721, 5310, 5499, 5654, 5604, 5684, 5389, 5367, 5411, 5670, 5359, 5458, 5676, 5408, 5459, 5618, 5425, 5391, 5437, 5666, 5540, 5345, 5572, 5258, 5300, 5612, 5304, 5534, 5288, 5688, 5519, 5269 (9 hits)
12	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5677, 5312, 5598, 5469, 5435, 5360, 5321, 5531, 5560, 5597, 5579, 5368, 5648, 5313, 5543, 5400, 5274, 5427, 5353, 5699, 5306, 5492, 5513, 5259, 5270, 5298, 5251, 5344, 5715, 5410, 5653, 5691, 5342, 5607, 5455, 5339, 5343, 5459, 5555, 5282, 5433, 5603, 5411, 5639, 5564, 5331, 5721, 5641, 5370, 5470, 5318, 5656, 5533, 5683, 5305, 5428, 5629, 5328, 5673, 5637, 5557, 5346, 5679, 5275, 5523, 5672, 5447, 5620, 5329, 5697, 5725, 5593, 5381, 5500, 5577, 5592, 5678, 5602, 5277, 5403, 5413, 5566, 5365, 5430, 5463, 5617, 5415, 5595, 5267, 5402, 5420, 5461, 5666, 5650, 5414, 5616, 5690, 5591, 5375, 5489 (4 hits)
13	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5658, 5617, 5324, 5489, 5568, 5401, 5361, 5465, 5462, 5662, 5397, 5333, 5576, 5583, 5453, 5319, 5476, 5269, 5252, 5523, 5597, 5715, 5443, 5472, 5318, 5402, 5509, 5589, 5570, 5640, 5300, 5365, 5313, 5396, 5712, 5707, 5394, 5258, 5605, 5467, 5262, 5645, 5720, 5527, 5625, 5703, 5374, 5609, 5510, 5353, 5515, 5654, 5536, 5478, 5579, 5518, 5327, 5482, 5251, 5666, 5367, 5637, 5514, 5664, 5450, 5680, 5575, 5314, 5297, 5426, 5517, 5638, 5503, 5428, 5418, 5652, 5316, 5484, 5406, 5363, 5338, 5306, 5616, 5267, 5491, 5494, 5719, 5610, 5655, 5350, 5419, 5613, 5534, 5310, 5691, 5326, 5582, 5416, 5676, 5304 (11 hits)
14	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5556, 5267, 5305, 5392, 5265, 5722, 5404, 5709, 5622, 5327, 5259, 5544, 5303, 5705, 5468, 5637, 5504, 5554, 5588, 5415, 5437, 5390, 5514, 5256, 5726, 5330, 5717, 5368, 5683, 5341, 5582, 5656, 5687, 5339, 5342, 5681, 5371, 5268, 5412, 5518, 5645, 5510, 5288, 5616, 5517,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5251, 5356, 5403, 5677, 5328, 5430, 5522, 5253, 5516, 5322, 5472, 5658, 5531, 5374, 5663, 5597, 5612, 5394, 5464, 5274, 5566, 5289, 5271, 5608, 5523, 5486, 5444, 5428, 5553, 5280, 5584, 5641, 5434, 5587, 5546, 5353, 5600, 5307, 5529, 5498, 5405, 5512, 5686, 5456, 5400, 5457, 5500, 5664, 5625, 5395, 5458, 5388, 5470, 5491, 5319 (13 hits)
15	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5431, 5555, 5401, 5521, 5261, 5318, 5564, 5338, 5477, 5454, 5705, 5449, 5335, 5266, 5478, 5588, 5717, 5329, 5428, 5548, 5541, 5571, 5703, 5420, 5301, 5310, 5485, 5672, 5455, 5526, 5701, 5283, 5493, 5437, 5699, 5383, 5391, 5409, 5436, 5525, 5543, 5315, 5362, 5617, 5396, 5666, 5366, 5709, 5649, 5354, 5636, 5293, 5522, 5616, 5538, 5286, 5553, 5545, 5404, 5600, 5473, 5468, 5618, 5710, 5660, 5712, 5494, 5593, 5612, 5631, 5381, 5723, 5487, 5482, 5484, 5365, 5559, 5663, 5725, 5458, 5445, 5355, 5291, 5322, 5509, 5339, 5679, 5456, 5577, 5650, 5356, 5250, 5276, 5434, 5647, 5531, 5277, 5463, 5254, 5587 (7 hits)
16	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5298, 5594, 5704, 5615, 5432, 5654, 5573, 5267, 5543, 5346, 5445, 5575, 5480, 5527, 5548, 5632, 5405, 5411, 5280, 5608, 5331, 5537, 5576, 5708, 5451, 5341, 5254, 5556, 5639, 5453, 5494, 5538, 5503, 5679, 5252, 5482, 5554, 5649, 5667, 5484, 5312, 5498, 5394, 5455, 5386, 5259, 5523, 5325, 5294, 5562, 5674, 5469, 5617, 5630, 5564, 5493, 5587, 5618, 5609, 5664, 5725, 5504, 5302, 5635, 5626, 5454, 5707, 5487, 5598, 5693, 5308, 5250, 5589, 5326, 5471, 5553, 5610, 5291, 5717, 5368, 5502, 5334, 5555, 5628, 5354, 5293, 5660, 5665, 5531, 5588, 5722, 5399, 5362, 5685, 5676, 5675, 5429, 5699, 5715, 5597 (8 hits)
17	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5479, 5581, 5290, 5363, 5365, 5302, 5438, 5265, 5316, 5311, 5498, 5303, 5513, 5509, 5444, 5376, 5280, 5693, 5701, 5428, 5540, 5354, 5603, 5443, 5617, 5644, 5441, 5437, 5382, 5351, 5520, 5430, 5636, 5646, 5451, 5587, 5470, 5304, 5268, 5252, 5569, 5328, 5593, 5684, 5600, 5673, 5694, 5650, 5682, 5665, 5393, 5324, 5337, 5410, 5253, 5392, 5422, 5712, 5643, 5414, 5493, 5386, 5362, 5455, 5575, 5275, 5594, 5723, 5347, 5482, 5632, 5616, 5315, 5652, 5310, 5489, 5527, 5503, 5378, 5267, 5372, 5384, 5322, 5488, 5709, 5629, 5517,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5653, 5291, 5601, 5604, 5553, 5448, 5713, 5429, 5272, 5717, 5562, 5397, 5387 (8 hits)
18	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5668, 5632, 5656, 5605, 5396, 5460, 5573, 5273, 5554, 5277, 5435, 5515, 5624, 5628, 5393, 5259, 5297, 5548, 5383, 5658, 5352, 5618, 5295, 5659, 5635, 5549, 5466, 5261, 5269, 5542, 5422, 5370, 5375, 5569, 5639, 5671, 5641, 5699, 5283, 5321, 5631, 5389, 5328, 5717, 5521, 5448, 5251, 5544, 5496, 5640, 5678, 5603, 5556, 5691, 5602, 5665, 5633, 5432, 5325, 5303, 5330, 5558, 5681, 5535, 5289, 5344, 5529, 5349, 5493, 5703, 5642, 5323, 5547, 5451, 5532, 5572, 5420, 5333, 5611, 5274, 5500, 5574, 5513, 5648, 5621, 5508, 5586, 5464, 5408, 5281, 5390, 5712, 5285, 5559, 5404, 5257, 5630, 5688, 5531, 5258 (8 hits)
19	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5612, 5514, 5617, 5393, 5425, 5296, 5329, 5432, 5677, 5701, 5664, 5371, 5401, 5555, 5279, 5275, 5500, 5683, 5522, 5337, 5310, 5431, 5407, 5709, 5627, 5713, 5284, 5355, 5546, 5255, 5418, 5534, 5484, 5526, 5588, 5459, 5260, 5308, 5544, 5335, 5400, 5267, 5670, 5658, 5326, 5281, 5606, 5643, 5441, 5307, 5661, 5634, 5354, 5621, 5501, 5334, 5598, 5616, 5663, 5589, 5449, 5481, 5549, 5595, 5324, 5576, 5309, 5564, 5478, 5714, 5414, 5494, 5412, 5667, 5389, 5689, 5657, 5722, 5708, 5333, 5274, 5693, 5261, 5476, 5519, 5622, 5408, 5295, 5567, 5286, 5563, 5681, 5675, 5636, 5539, 5272, 5586, 5527, 5691, 5305 (8 hits)
20	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5508, 5386, 5556, 5419, 5484, 5381, 5404, 5333, 5596, 5328, 5615, 5385, 5338, 5503, 5409, 5345, 5383, 5658, 5308, 5584, 5524, 5645, 5273, 5685, 5380, 5460, 5251, 5626, 5571, 5551, 5307, 5721, 5566, 5446, 5638, 5625, 5430, 5538, 5510, 5620, 5422, 5456, 5655, 5593, 5327, 5703, 5663, 5490, 5660, 5296, 5715, 5313, 5534, 5426, 5622, 5516, 5637, 5576, 5619, 5384, 5358, 5268, 5548, 5559, 5498, 5606, 5254, 5597, 5546, 5260, 5553, 5257, 5650, 5699, 5276, 5603, 5591, 5726, 5290, 5376, 5612, 5557, 5336, 5592, 5285, 5433, 5329, 5570, 5601, 5379, 5324, 5635, 5527, 5438, 5467, 5526, 5416, 5391, 5511, 5400 (9 hits)
21	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5416, 5434, 5417, 5372, 5497, 5709, 5700, 5543, 5564, 5476, 5366, 5405, 5315, 5595, 5279, 5648, 5486, 5562, 5382, 5657, 5570,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5718, 5278, 5251, 5689, 5495, 5624, 5323, 5492, 5301, 5555, 5678, 5464, 5628, 5660, 5433, 5537, 5402, 5637, 5704, 5276, 5625, 5500, 5361, 5664, 5517, 5569, 5414, 5714, 5597, 5524, 5591, 5633, 5461, 5605, 5386, 5448, 5687, 5609, 5452, 5635, 5316, 5643, 5305, 5485, 5388, 5258, 5437, 5394, 5641, 5477, 5544, 5303, 5304, 5309, 5488, 5534, 5578, 5350, 5649, 5274, 5348, 5277, 5681, 5399, 5535, 5548, 5268, 5406, 5561, 5529, 5322, 5506, 5507, 5451, 5288, 5651, 5601, 5515, 5676 (10 hits)
22	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5714, 5724, 5602, 5664, 5551, 5284, 5723, 5350, 5389, 5456, 5328, 5396, 5458, 5494, 5580, 5672, 5362, 5507, 5694, 5347, 5420, 5473, 5658, 5392, 5359, 5583, 5511, 5589, 5523, 5474, 5449, 5573, 5585, 5687, 5334, 5411, 5418, 5595, 5722, 5256, 5502, 5544, 5253, 5343, 5361, 5386, 5552, 5341, 5588, 5612, 5296, 5259, 5322, 5483, 5648, 5470, 5342, 5548, 5709, 5684, 5576, 5611, 5488, 5422, 5338, 5416, 5412, 5267, 5294, 5650, 5272, 5314, 5367, 5596, 5553, 5506, 5428, 5285, 5453, 5371, 5438, 5619, 5315, 5519, 5541, 5298, 5520, 5716, 5446, 5532, 5482, 5489, 5443, 5270, 5286, 5304, 5400, 5685, 5279, 5431 (8 hits)
23	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5692, 5720, 5531, 5476, 5687, 5710, 5460, 5527, 5368, 5288, 5577, 5599, 5257, 5469, 5532, 5535, 5402, 5726, 5698, 5699, 5611, 5452, 5353, 5616, 5571, 5574, 5543, 5717, 5401, 5697, 5398, 5503, 5525, 5486, 5562, 5517, 5557, 5663, 5334, 5558, 5585, 5364, 5349, 5375, 5279, 5676, 5280, 5651, 5365, 5659, 5266, 5462, 5529, 5408, 5507, 5617, 5636, 5283, 5665, 5578, 5587, 5275, 5630, 5494, 5258, 5343, 5589, 5370, 5580, 5361, 5262, 5465, 5456, 5620, 5427, 5671, 5317, 5263, 5304, 5472, 5511, 5294, 5646, 5644, 5510, 5322, 5360, 5534, 5393, 5269, 5259, 5479, 5610, 5681, 5674, 5650, 5362, 5352, 5564, 5719 (9 hits)
24	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5265, 5296, 5710, 5632, 5686, 5586, 5358, 5665, 5664, 5529, 5345, 5436, 5295, 5446, 5382, 5548, 5383, 5658, 5317, 5290, 5688, 5444, 5601, 5427, 5371, 5320, 5370, 5391, 5615, 5386, 5699, 5625, 5530, 5693, 5260, 5258, 5449, 5528, 5590, 5388, 5494, 5501, 5361, 5669, 5326, 5634, 5725, 5718, 5675, 5462, 5717, 5701, 5573, 5628, 5721, 5622, 5511, 5372, 5333, 5704, 5425, 5398, 5578,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5574, 5322, 5280, 5451, 5712, 5550, 5256, 5522, 5465, 5617, 5643, 5482, 5676, 5405, 5659, 5347, 5535, 5649, 5411, 5375, 5571, 5557, 5650, 5377, 5644, 5352, 5416, 5547, 5684, 5297, 5498, 5662, 5678, 5612, 5464, 5694, 5273 (7 hits)
25	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5318, 5585, 5398, 5344, 5637, 5462, 5725, 5709, 5362, 5551, 5411, 5570, 5374, 5399, 5426, 5485, 5252, 5336, 5498, 5535, 5400, 5527, 5384, 5567, 5723, 5613, 5297, 5581, 5424, 5542, 5360, 5251, 5651, 5513, 5697, 5646, 5328, 5414, 5427, 5298, 5529, 5669, 5410, 5296, 5681, 5366, 5489, 5701, 5307, 5429, 5644, 5586, 5377, 5407, 5506, 5332, 5283, 5428, 5266, 5467, 5454, 5442, 5663, 5603, 5594, 5510, 5562, 5288, 5381, 5553, 5382, 5690, 5503, 5253, 5448, 5447, 5484, 5421, 5561, 5304, 5473, 5276, 5630, 5584, 5580, 5280, 5617, 5558, 5590, 5292, 5476, 5724, 5468, 5545, 5364, 5721, 5419, 5394, 5708, 5652 (7 hits)
26	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5348, 5469, 5398, 5608, 5326, 5669, 5489, 5696, 5262, 5675, 5688, 5691, 5717, 5577, 5575, 5495, 5506, 5561, 5346, 5294, 5524, 5334, 5437, 5282, 5692, 5441, 5349, 5597, 5485, 5604, 5689, 5539, 5560, 5307, 5652, 5587, 5507, 5582, 5264, 5291, 5423, 5450, 5466, 5448, 5481, 5465, 5405, 5274, 5600, 5379, 5679, 5312, 5252, 5325, 5295, 5438, 5417, 5659, 5474, 5707, 5390, 5709, 5453, 5260, 5590, 5625, 5533, 5504, 5363, 5557, 5535, 5303, 5522, 5289, 5654, 5714, 5645, 5665, 5632, 5529, 5283, 5373, 5350, 5593, 5424, 5358, 5278, 5651, 5317, 5354, 5370, 5683, 5443, 5375, 5649, 5599, 5667, 5296, 5255, 5392 (7 hits)
27	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5606, 5718, 5320, 5695, 5376, 5326, 5283, 5339, 5517, 5302, 5712, 5629, 5405, 5540, 5679, 5251, 5641, 5362, 5598, 5624, 5659, 5483, 5533, 5622, 5529, 5452, 5704, 5541, 5341, 5387, 5382, 5599, 5696, 5717, 5475, 5424, 5284, 5545, 5406, 5468, 5667, 5304, 5664, 5588, 5706, 5677, 5333, 5584, 5582, 5515, 5451, 5570, 5705, 5601, 5349, 5721, 5379, 5319, 5617, 5652, 5603, 5553, 5640, 5418, 5491, 5266, 5329, 5550, 5332, 5402, 5398, 5532, 5256, 5572, 5262, 5291, 5459, 5709, 5432, 5534, 5309, 5334, 5316, 5575, 5539, 5609, 5397, 5505, 5286, 5493, 5270, 5556, 5714, 5311, 5352, 5670, 5511, 5385, 5292, 5325 (7 hits)

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	9	1.0	333.0	Yes	5515.0MHz, -63.0dBm	Hop sequence: 5515, 5457, 5447, 5664, 5261, 5449, 5521, 5453, 5333, 5483, 5536, 5661, 5569, 5669, 5325, 5403, 5679, 5370, 5647, 5362, 5269, 5436, 5309, 5624, 5414, 5706, 5612, 5315, 5525, 5628, 5351, 5689, 5361, 5517, 5695, 5350, 5295, 5485, 5254, 5301, 5658, 5489, 5589, 5522, 5583, 5718, 5605, 5512, 5532, 5384, 5321, 5581, 5562, 5703, 5587, 5390, 5408, 5484, 5657, 5407, 5499, 5304, 5354, 5541, 5506, 5470, 5615, 5678, 5410, 5344, 5501, 5626, 5380, 5331, 5374, 5348, 5542, 5596, 5475, 5516, 5280, 5338, 5460, 5404, 5257, 5289, 5316, 5654, 5644, 5346, 5366, 5725, 5432, 5714, 5300, 5651, 5446, 5564, 5290, 5409 (10 hits)
29	9	1.0	333.0	Yes	5516.0MHz, -63.0dBm	Hop sequence: 5424, 5710, 5531, 5437, 5650, 5708, 5288, 5350, 5356, 5525, 5493, 5508, 5462, 5297, 5722, 5642, 5399, 5258, 5700, 5279, 5388, 5262, 5270, 5697, 5379, 5373, 5571, 5714, 5515, 5296, 5441, 5449, 5682, 5494, 5579, 5321, 5600, 5354, 5653, 5559, 5533, 5277, 5411, 5319, 5633, 5392, 5452, 5582, 5351, 5702, 5677, 5689, 5604, 5496, 5317, 5439, 5371, 5425, 5507, 5687, 5546, 5629, 5713, 5339, 5668, 5566, 5578, 5408, 5269, 5649, 5558, 5391, 5318, 5451, 5443, 5672, 5645, 5616, 5717, 5580, 5313, 5614, 5256, 5457, 5305, 5627, 5492, 5326, 5544, 5304, 5592, 5552, 5335, 5267, 5301, 5376, 5647, 5555, 5564, 5703 (8 hits)
30	9	1.0	333.0	Yes	5517.0MHz, -63.0dBm	Hop sequence: 5407, 5501, 5304, 5703, 5527, 5277, 5392, 5499, 5580, 5403, 5397, 5641, 5581, 5568, 5508, 5300, 5328, 5526, 5602, 5368, 5406, 5585, 5690, 5309, 5675, 5312, 5431, 5555, 5357, 5293, 5567, 5710, 5537, 5544, 5566, 5416, 5627, 5698, 5631, 5647, 5461, 5443, 5696, 5650, 5402, 5616, 5302, 5607, 5314, 5560, 5569, 5317, 5536, 5523, 5404, 5290, 5346, 5273, 5262, 5430, 5613, 5422, 5362, 5267, 5547, 5701, 5659, 5577, 5382, 5578, 5705, 5673, 5516, 5563, 5541, 5420, 5478, 5429, 5467, 5624, 5257, 5452, 5474, 5444, 5606, 5456, 5549, 5488, 5482, 5366, 5481, 5363, 5439, 5434, 5349, 5676, 5279, 5305, 5579, 5663 (7 hits)
31	9	1.0	333.0	Yes	5518.0MHz, -63.0dBm	Hop sequence: 5576, 5396, 5529, 5561, 5267, 5367, 5359, 5462, 5693, 5432, 5652, 5492, 5251, 5508, 5726, 5507, 5600, 5362, 5402, 5405, 5425, 5466, 5535, 5473, 5510, 5685, 5592, 5366, 5419, 5662, 5677, 5357, 5653, 5370, 5659, 5379, 5268, 5420, 5467,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5325, 5712, 5559, 5666, 5696, 5645, 5380, 5605, 5634, 5580, 5301, 5597, 5331, 5679, 5630, 5563, 5427, 5587, 5305, 5602, 5300, 5570, 5545, 5292, 5306, 5695, 5680, 5590, 5442, 5722, 5322, 5667, 5328, 5664, 5340, 5658, 5531, 5483, 5418, 5585, 5343, 5650, 5390, 5688, 5339, 5382, 5704, 5258, 5264, 5719, 5416, 5690, 5556, 5648, 5657, 5398, 5287, 5469, 5421, 5354, 5443 (5 hits)
32	9	1.0	333.0	Yes	5519.0MHz, -63.0dBm	Hop sequence: 5564, 5514, 5712, 5479, 5260, 5466, 5707, 5646, 5618, 5439, 5301, 5469, 5554, 5255, 5262, 5555, 5345, 5690, 5630, 5428, 5397, 5595, 5263, 5442, 5701, 5715, 5446, 5504, 5281, 5573, 5499, 5688, 5636, 5271, 5291, 5553, 5640, 5512, 5251, 5312, 5527, 5588, 5561, 5563, 5480, 5494, 5713, 5532, 5403, 5440, 5300, 5536, 5710, 5602, 5589, 5546, 5569, 5668, 5664, 5534, 5409, 5418, 5525, 5643, 5496, 5717, 5436, 5515, 5656, 5280, 5332, 5437, 5297, 5368, 5658, 5612, 5483, 5309, 5456, 5708, 5650, 5339, 5311, 5676, 5408, 5335, 5472, 5505, 5346, 5670, 5519, 5273, 5545, 5613, 5350, 5394, 5405, 5520, 5322, 5596 (12 hits)
33	9	1.0	333.0	Yes	5520.0MHz, -63.0dBm	Hop sequence: 5549, 5544, 5491, 5416, 5359, 5315, 5251, 5718, 5532, 5576, 5327, 5582, 5623, 5494, 5649, 5496, 5615, 5668, 5695, 5618, 5272, 5281, 5310, 5331, 5267, 5583, 5677, 5487, 5465, 5659, 5628, 5613, 5591, 5570, 5498, 5451, 5562, 5468, 5351, 5336, 5585, 5551, 5319, 5607, 5713, 5262, 5530, 5506, 5672, 5655, 5348, 5391, 5385, 5479, 5419, 5279, 5355, 5488, 5252, 5594, 5687, 5612, 5685, 5264, 5684, 5706, 5469, 5330, 5314, 5398, 5458, 5269, 5499, 5350, 5321, 5476, 5689, 5611, 5367, 5571, 5555, 5387, 5472, 5283, 5443, 5425, 5559, 5254, 5435, 5707, 5270, 5413, 5691, 5604, 5369, 5646, 5632, 5373, 5554, 5453 (6 hits)
34	9	1.0	333.0	Yes	5521.0MHz, -63.0dBm	Hop sequence: 5578, 5637, 5435, 5275, 5586, 5417, 5324, 5377, 5437, 5258, 5573, 5272, 5617, 5343, 5537, 5500, 5295, 5540, 5473, 5525, 5713, 5561, 5355, 5552, 5643, 5638, 5268, 5341, 5683, 5615, 5571, 5626, 5319, 5507, 5421, 5568, 5452, 5607, 5577, 5262, 5665, 5400, 5316, 5575, 5313, 5317, 5479, 5393, 5687, 5342, 5363, 5723, 5383, 5502, 5273, 5398, 5610, 5299, 5545, 5693, 5418, 5696, 5702, 5555, 5331, 5338, 5589, 5560, 5531, 5476, 5526, 5618, 5591, 5656, 5369, 5282, 5518, 5357, 5636, 5254, 5445,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5308, 5390, 5654, 5399, 5565, 5353, 5596, 5356, 5604, 5595, 5582, 5506, 5310, 5628, 5265, 5337, 5550, 5288, 5509 (8 hits)
35	9	1.0	333.0	Yes	5522.0MHz, -63.0dBm	Hop sequence: 5343, 5350, 5509, 5409, 5599, 5668, 5329, 5650, 5475, 5315, 5628, 5255, 5278, 5654, 5561, 5712, 5276, 5564, 5605, 5331, 5308, 5608, 5587, 5522, 5377, 5359, 5659, 5681, 5530, 5636, 5338, 5488, 5658, 5478, 5370, 5711, 5580, 5267, 5644, 5435, 5334, 5261, 5335, 5543, 5251, 5285, 5404, 5471, 5284, 5254, 5355, 5682, 5677, 5601, 5282, 5286, 5464, 5411, 5675, 5470, 5432, 5507, 5340, 5687, 5398, 5629, 5252, 5306, 5263, 5384, 5632, 5648, 5271, 5358, 5669, 5301, 5324, 5589, 5463, 5396, 5322, 5519, 5289, 5394, 5570, 5313, 5455, 5591, 5472, 5341, 5513, 5257, 5302, 5503, 5442, 5467, 5316, 5320, 5392, 5573 (6 hits)
36	9	1.0	333.0	Yes	5523.0MHz, -63.0dBm	Hop sequence: 5259, 5366, 5351, 5545, 5372, 5582, 5647, 5660, 5703, 5436, 5460, 5484, 5589, 5254, 5650, 5593, 5307, 5493, 5433, 5594, 5689, 5573, 5622, 5412, 5443, 5725, 5411, 5339, 5578, 5482, 5437, 5346, 5405, 5309, 5636, 5280, 5503, 5690, 5611, 5388, 5381, 5614, 5291, 5643, 5298, 5502, 5680, 5687, 5458, 5693, 5563, 5600, 5252, 5292, 5605, 5353, 5385, 5376, 5400, 5333, 5723, 5499, 5349, 5368, 5706, 5321, 5592, 5610, 5378, 5548, 5387, 5631, 5550, 5561, 5354, 5644, 5652, 5432, 5524, 5633, 5717, 5475, 5607, 5586, 5565, 5425, 5447, 5646, 5724, 5257, 5538, 5429, 5648, 5336, 5629, 5560, 5713, 5350, 5288, 5279 (5 hits)
37	9	1.0	333.0	Yes	5524.0MHz, -63.0dBm	Hop sequence: 5422, 5356, 5658, 5324, 5648, 5445, 5589, 5671, 5674, 5549, 5631, 5651, 5507, 5601, 5296, 5370, 5412, 5251, 5483, 5426, 5505, 5264, 5284, 5713, 5616, 5544, 5351, 5666, 5387, 5717, 5267, 5358, 5470, 5477, 5333, 5536, 5449, 5299, 5694, 5488, 5635, 5354, 5427, 5481, 5565, 5274, 5323, 5363, 5714, 5636, 5587, 5373, 5659, 5719, 5680, 5640, 5638, 5702, 5531, 5298, 5566, 5526, 5388, 5583, 5360, 5371, 5605, 5290, 5314, 5578, 5344, 5630, 5715, 5444, 5391, 5472, 5695, 5718, 5400, 5382, 5519, 5286, 5524, 5602, 5383, 5582, 5510, 5295, 5609, 5532, 5317, 5652, 5716, 5530, 5357, 5468, 5572, 5696, 5646, 5504 (7 hits)
38	9	1.0	333.0	Yes	5525.0MHz, -63.0dBm	Hop sequence: 5704, 5545, 5632, 5297, 5326, 5403, 5394, 5324, 5323, 5420, 5700, 5598, 5302, 5288, 5560,

Table 53 - FCC frequency hopping radar (Type 6) Results 802.11n40 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5347, 5574, 5279, 5453, 5555, 5496, 5584, 5469, 5655, 5514, 5646, 5328, 5488, 5443, 5301, 5436, 5325, 5575, 5550, 5383, 5437, 5459, 5703, 5714, 5475, 5642, 5656, 5695, 5665, 5425, 5264, 5291, 5445, 5542, 5410, 5299, 5470, 5404, 5309, 5346, 5492, 5686, 5357, 5581, 5322, 5362, 5678, 5626, 5595, 5433, 5393, 5260, 5446, 5538, 5620, 5586, 5262, 5628, 5502, 5670, 5631, 5426, 5439, 5381, 5451, 5293, 5662, 5580, 5531, 5636, 5493, 5494, 5483, 5411, 5534, 5313, 5398, 5667, 5331, 5567, 5715, 5336, 5372, 5562, 5377 (6 hits)
39	9	1.0	333.0	Yes	5526.0MHz, -63.0dBm	Hop sequence: 5656, 5354, 5650, 5497, 5377, 5319, 5699, 5365, 5686, 5507, 5505, 5287, 5654, 5398, 5578, 5391, 5665, 5501, 5400, 5566, 5252, 5583, 5593, 5508, 5703, 5627, 5619, 5723, 5280, 5396, 5360, 5573, 5649, 5546, 5647, 5577, 5680, 5428, 5601, 5264, 5533, 5597, 5540, 5482, 5562, 5558, 5671, 5481, 5614, 5468, 5268, 5574, 5700, 5451, 5630, 5596, 5317, 5284, 5346, 5387, 5450, 5315, 5386, 5472, 5688, 5536, 5696, 5459, 5622, 5710, 5431, 5378, 5712, 5402, 5503, 5636, 5260, 5676, 5274, 5620, 5581, 5417, 5473, 5567, 5281, 5548, 5421, 5445, 5631, 5461, 5645, 5563, 5681, 5269, 5624, 5322, 5456, 5436, 5332, 5560 (6 hits)

Table 54 - Long Sequence Waveform Summary 802.11n40 mode

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5505.0MHz, -63.0dBm
Trial #2	Detected	5500.0MHz, -63.0dBm
Trial #3	Detected	5495.0MHz, -63.0dBm
Trial #4	Detected	5525.0MHz, -63.0dBm
Trial #5	Detected	5520.0MHz, -63.0dBm
Trial #6	Detected	5515.0MHz, -63.0dBm
Trial #7	Detected	5510.0MHz, -63.0dBm
Trial #8	Detected	5505.0MHz, -63.0dBm
Trial #9	NOT Detected	5500.0MHz, -63.0dBm
Trial #10	Detected	5495.0MHz, -63.0dBm
Trial #11	Detected	5525.0MHz, -63.0dBm
Trial #12	Detected	5520.0MHz, -63.0dBm
Trial #13	Detected	5515.0MHz, -63.0dBm
Trial #14	Detected	5510.0MHz, -63.0dBm
Trial #15	Detected	5505.0MHz, -63.0dBm
Trial #16	Detected	5500.0MHz, -63.0dBm
Trial #17	Detected	5495.0MHz, -63.0dBm
Trial #18	Detected	5525.0MHz, -63.0dBm
Trial #19	NOT Detected	5520.0MHz, -63.0dBm
Trial #20	NOT Detected	5515.0MHz, -63.0dBm
Trial #21	Detected	5510.0MHz, -63.0dBm
Trial #22	Detected	5505.0MHz, -63.0dBm
Trial #23	Detected	5500.0MHz, -63.0dBm
Trial #24	Detected	5495.0MHz, -63.0dBm
Trial #25	Detected	5525.0MHz, -63.0dBm
Trial #26	Detected	5520.0MHz, -63.0dBm
Trial #27	NOT Detected	5515.0MHz, -63.0dBm
Trial #28	Detected	5510.0MHz, -63.0dBm
Trial #29	Detected	5505.0MHz, -63.0dBm
Trial #30	Detected	5500.0MHz, -63.0dBm

Table 55 - Long Sequence Waveform Trial#1 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	77.8	6	-	-	0.009693
2	3	85.9	18	1085.0	1200.0	0.711025
3	2	82.0	12	1375.0	-	1.486718
4	2	86.9	11	1534.0	-	2.176497
5	1	53.2	14	-	-	3.007993
6	2	89.2	12	1538.0	-	3.455823
7	2	54.3	19	1235.0	-	4.518038
8	3	84.0	14	1539.0	1248.0	5.175317
9	2	65.7	13	1317.0	-	5.399398
10	1	78.3	8	-	-	6.211964
11	2	80.8	9	1247.0	-	7.125566
12	2	75.9	19	1523.0	-	7.976249
13	1	86.1	6	-	-	8.134357
14	3	74.5	15	1175.0	1244.0	8.701300
15	1	67.3	11	-	-	9.552067
16	2	56.4	6	1715.0	-	10.420917
17	2	77.1	9	1845.0	-	11.125223
18	3	71.4	9	1142.0	1429.0	11.613678

Table 56 - Long Sequence Waveform Trial#2 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.8	15	1956.0	1772.0	0.929137
2	1	73.2	10	-	-	1.988422
3	1	76.9	18	-	-	2.766832
4	3	88.9	14	1773.0	1349.0	4.238485
5	2	97.9	8	1208.0	-	5.125657
6	2	62.6	19	1964.0	-	5.501313
7	1	94.2	16	-	-	6.698958
8	2	89.3	19	1042.0	-	8.177488
9	1	97.0	6	-	-	9.105912
10	2	74.9	16	1963.0	-	10.411391
11	3	80.4	14	1055.0	1920.0	11.013699

Table 57 - Long Sequence Waveform Trial#3 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.5	6	1548.0	1007.0	1.065933
2	2	57.1	16	1558.0	-	2.091770
3	2	83.4	8	1072.0	-	3.799433
4	3	96.0	14	1903.0	1007.0	4.974751
5	3	93.3	17	1680.0	1269.0	5.496875
6	3	55.0	15	1483.0	1780.0	6.941515
7	2	94.9	14	1138.0	-	8.710946
8	3	95.3	16	1547.0	1974.0	10.152877
9	2	59.6	7	1642.0	-	11.312488

Table 58 - Long Sequence Waveform Trial#4 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	78.7	9	1348.0	-	1.073172
2	1	96.0	12	-	-	2.000397
3	1	61.6	12	-	-	2.448348
4	2	62.4	8	1670.0	-	4.208367
5	2	57.5	5	1271.0	-	4.826923
6	3	51.3	10	1701.0	1602.0	6.198801
7	2	85.7	6	1295.0	-	7.248145
8	1	74.6	12	-	-	8.554347
9	1	62.8	13	-	-	10.296625
10	2	95.0	17	1104.0	-	11.019497

Table 59 - Long Sequence Waveform Trial#5 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.2	9	1813.0	-	0.167422
2	2	87.6	11	1553.0	-	1.331407
3	2	96.3	11	1471.0	-	1.944727
4	2	72.5	10	1072.0	-	2.879680
5	2	91.6	15	1240.0	-	3.325695
6	3	78.4	15	1110.0	1533.0	4.476263
7	1	79.6	13	-	-	4.657624
8	2	58.3	8	1207.0	-	5.632506
9	2	94.8	9	1375.0	-	6.068178
10	2	70.2	12	1611.0	-	7.290420
11	2	85.0	11	1640.0	-	8.190044
12	2	83.7	14	1536.0	-	8.313574
13	2	95.9	10	1646.0	-	9.194340
14	2	78.2	13	1158.0	-	10.470152
15	2	86.6	17	1547.0	-	11.211250
16	2	84.4	10	1010.0	-	11.278942

Table 60 - Long Sequence Waveform Trial#6 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.9	15	1459.0	1749.0	0.306970
2	2	75.4	17	1288.0	-	0.817303
3	2	51.0	11	1714.0	-	1.833423
4	1	70.0	13	-	-	2.315907
5	3	56.3	6	1359.0	1166.0	3.524027
6	1	69.2	13	-	-	3.986687
7	2	80.1	7	1689.0	-	4.686079
8	3	99.8	7	1447.0	1921.0	5.401955
9	2	66.8	10	1445.0	-	6.404780
10	1	89.6	18	-	-	7.162523
11	3	61.5	13	1685.0	1491.0	8.070579
12	2	56.1	18	1404.0	-	8.560630
13	1	65.5	9	-	-	9.719136
14	1	92.3	19	-	-	9.805344
15	2	57.9	12	1221.0	-	11.218661
16	2	84.8	19	1854.0	-	11.453812

Table 61 - Long Sequence Waveform Trial#7 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	72.5	13	1150.0	-	0.293486
2	1	71.2	16	-	-	1.415213
3	3	73.6	15	1353.0	1891.0	2.023555
4	3	96.0	12	1752.0	1852.0	3.665301
5	2	65.4	18	1367.0	-	4.431454
6	3	70.6	15	1895.0	1864.0	5.689077
7	2	85.9	19	1046.0	-	6.649222
8	1	85.1	19	-	-	7.924443
9	1	75.6	14	-	-	8.195426
10	3	60.6	6	1437.0	1310.0	9.830247
11	2	57.5	18	1013.0	-	10.427731
12	2	68.1	5	1878.0	-	11.156410

Table 62 - Long Sequence Waveform Trial#8 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	96.9	16	-	-	0.687045
2	2	96.3	18	1035.0	-	1.112279
3	2	93.1	12	1922.0	-	1.699578
4	1	63.8	14	-	-	2.367746
5	2	74.4	15	1281.0	-	3.388940
6	2	61.0	7	1921.0	-	4.076517
7	2	65.4	20	1163.0	-	4.635071
8	3	96.5	7	1187.0	1376.0	5.124819
9	2	53.7	12	1183.0	-	5.797219
10	2	83.1	20	1859.0	-	6.691996
11	2	71.1	9	1522.0	-	7.751938
12	2	73.5	20	1499.0	-	8.377972
13	2	83.9	10	1116.0	-	9.007897
14	2	52.1	19	1927.0	-	9.776012
15	2	80.9	11	1836.0	-	10.190097
16	3	54.9	10	1677.0	1030.0	11.116983
17	1	86.6	17	-	-	11.825043

Table 63 - Long Sequence Waveform Trial#9 (NOT Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	73.5	9	1935.0	1638.0	0.751807
2	1	95.2	7	-	-	1.477423
3	1	58.0	17	-	-	1.979795
4	3	67.9	12	1857.0	1823.0	3.125158
5	1	85.3	14	-	-	3.762555
6	2	57.7	11	1761.0	-	5.310256
7	2	78.7	19	1332.0	-	6.285474
8	1	61.9	15	-	-	7.348807
9	2	63.3	5	1570.0	-	8.109991
10	1	71.1	16	-	-	9.021687
11	3	61.9	18	1395.0	1878.0	9.256737
12	2	99.8	13	1169.0	-	10.744548
13	1	71.2	5	-	-	11.704048

Table 64 - Long Sequence Waveform Trial#10 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.0	20	1607.0	-	0.503322
2	1	98.2	6	-	-	0.818225
3	3	53.7	8	1328.0	1461.0	1.369565
4	2	61.5	8	1363.0	-	2.148519
5	2	64.7	11	1948.0	-	3.159803
6	2	82.7	5	1836.0	-	3.585527
7	1	90.2	9	-	-	4.461355
8	2	65.7	19	1191.0	-	5.318671
9	1	84.2	11	-	-	5.564880
10	2	94.9	5	1037.0	-	6.243292
11	2	96.3	16	1750.0	-	6.895990
12	1	64.4	17	-	-	7.885841
13	2	80.8	10	1021.0	-	8.162314
14	2	76.5	15	1729.0	-	8.895970
15	3	50.5	9	1628.0	1618.0	9.356969
16	2	78.4	14	1086.0	-	10.121028
17	3	75.6	10	1046.0	1669.0	10.669864
18	2	99.0	10	1895.0	-	11.569370

Table 65 - Long Sequence Waveform Trial#11 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	85.6	10	1164.0	-	0.507046
2	2	91.0	18	1821.0	-	1.424276
3	2	80.6	16	1676.0	-	2.753860
4	3	83.1	15	1207.0	1241.0	3.478044
5	2	81.2	18	1118.0	-	4.010849
6	3	97.8	10	1596.0	1374.0	4.709237
7	1	63.2	6	-	-	5.862468
8	2	57.2	14	1070.0	-	6.513313
9	2	97.8	17	1433.0	-	7.822256
10	2	64.7	13	1990.0	-	8.309498
11	2	77.5	17	1675.0	-	9.297426
12	2	64.3	16	1144.0	-	10.893154
13	2	55.2	14	1077.0	-	11.298103

Table 66 - Long Sequence Waveform Trial#12 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	79.2	10	1071.0	1866.0	0.314380
2	2	92.8	10	1606.0	-	1.980986
3	2	62.6	7	1915.0	-	2.535152
4	3	94.0	18	1992.0	1746.0	3.689578
5	2	53.3	14	1760.0	-	5.488289
6	2	50.9	8	1904.0	-	6.451857
7	3	88.8	10	1674.0	1880.0	7.208173
8	1	88.5	7	-	-	9.148034
9	3	64.2	12	1461.0	1752.0	10.660698
10	2	67.9	6	1440.0	-	11.900609

Table 67 - Long Sequence Waveform Trial#13 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	97.7	17	1316.0	-	0.163364
2	2	89.3	5	1473.0	-	2.028150
3	2	58.5	9	1563.0	-	3.336304
4	1	95.8	8	-	-	4.092489
5	1	51.4	7	-	-	4.810392
6	3	74.5	14	1556.0	1374.0	6.091859
7	1	56.0	9	-	-	7.314725
8	1	93.7	8	-	-	8.649515
9	1	86.3	10	-	-	9.920225
10	1	95.5	18	-	-	10.831507

Table 68 - Long Sequence Waveform Trial#14 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	76.0	13	-	-	0.068365
2	1	50.9	7	-	-	1.145148
3	2	83.2	12	1575.0	-	2.066082
4	2	75.3	20	1686.0	-	2.812934
5	1	61.8	14	-	-	3.482208
6	2	91.7	12	1324.0	-	3.728140
7	1	83.3	15	-	-	4.734133
8	2	60.0	16	1155.0	-	5.576559
9	3	59.7	12	1704.0	1766.0	5.771806
10	1	83.7	19	-	-	6.558413
11	3	71.6	12	1930.0	1559.0	7.404337
12	3	84.8	17	1257.0	1974.0	8.334914
13	2	57.3	11	1098.0	-	9.104754
14	3	89.3	11	1414.0	1739.0	9.801601
15	2	52.0	7	1007.0	-	10.260483
16	3	93.1	14	1300.0	1554.0	10.777062
17	2	58.8	18	1350.0	-	11.403492

Table 69 - Long Sequence Waveform Trial#15 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	61.5	16	1545.0	1882.0	0.672887
2	3	68.5	9	1144.0	1739.0	1.104752
3	2	52.4	13	1513.0	-	2.174685
4	2	82.5	17	1261.0	-	2.876729
5	2	60.0	10	1128.0	-	3.400836
6	3	57.0	7	1055.0	1034.0	4.462705
7	1	59.4	17	-	-	4.586100
8	3	67.8	10	1985.0	1143.0	5.955674
9	1	72.5	19	-	-	6.715832
10	2	99.7	9	1857.0	-	6.810914
11	1	61.7	13	-	-	7.545192
12	2	99.5	10	1793.0	-	8.994684
13	2	93.3	12	1885.0	-	9.565668
14	1	50.3	12	-	-	9.991557
15	2	78.0	19	1593.0	-	10.594164
16	2	68.5	19	1855.0	-	11.811369

Table 70 - Long Sequence Waveform Trial#16 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.4	14	1170.0	-	1.461965
2	2	50.1	8	1750.0	-	2.137829
3	3	56.2	10	1815.0	1572.0	3.403349
4	2	95.4	18	1387.0	-	5.998364
5	3	61.5	19	1146.0	1248.0	7.334333
6	2	88.9	8	1764.0	-	7.646140
7	1	80.8	20	-	-	9.222946
8	2	86.2	20	1291.0	-	11.531010

Table 71 - Long Sequence Waveform Trial#17 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.0	6	1343.0	-	0.640587
2	2	67.3	13	1087.0	-	0.667886
3	2	56.9	18	1286.0	-	1.714276
4	3	50.5	15	1706.0	1987.0	2.627432
5	3	75.0	9	1137.0	1374.0	3.270612
6	2	98.9	18	1057.0	-	3.543236
7	3	58.0	5	1526.0	1373.0	4.132936
8	2	76.7	8	1311.0	-	4.824187
9	1	66.0	17	-	-	5.891730
10	2	66.0	11	1961.0	-	6.380158
11	2	69.6	7	1854.0	-	7.039459
12	1	97.0	5	-	-	7.577145
13	3	68.9	9	1970.0	1754.0	8.218147
14	1	81.2	10	-	-	8.686985
15	2	95.1	16	1170.0	-	9.883821
16	2	65.3	14	1310.0	-	10.617557
17	2	54.4	9	1454.0	-	11.227003
18	2	54.3	19	1485.0	-	11.960087

Table 72 - Long Sequence Waveform Trial#18 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.9	15	1566.0	-	0.452213
2	2	70.2	20	1603.0	-	0.716378
3	2	83.2	11	1262.0	-	1.747737
4	1	64.4	9	-	-	2.278198
5	3	60.2	16	1408.0	1450.0	2.458057
6	3	92.6	9	1224.0	1135.0	3.370591
7	2	52.3	13	1827.0	-	4.144297
8	2	77.7	20	1168.0	-	4.224369
9	1	51.9	13	-	-	4.950481
10	2	93.1	20	1698.0	-	5.466313
11	3	58.2	20	1881.0	1904.0	6.465887
12	3	98.2	17	1531.0	1873.0	6.746885
13	1	86.7	9	-	-	7.345136
14	3	80.4	20	1358.0	1634.0	8.298461
15	2	54.9	18	1063.0	-	8.416736
16	2	95.8	13	1584.0	-	9.358632
17	1	75.7	8	-	-	10.032104
18	2	68.0	18	1963.0	-	10.240624
19	1	88.5	14	-	-	11.086827
20	2	92.5	10	1081.0	-	11.453872

Table 73 - Long Sequence Waveform Trial#19 (NOT Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	61.6	14	-	-	0.273234
2	3	85.9	6	1452.0	1136.0	2.982380
3	2	70.3	13	1254.0	-	3.982712
4	1	58.9	16	-	-	5.360751
5	2	67.2	6	1823.0	-	7.452206
6	2	72.0	15	1712.0	-	8.480462
7	1	89.0	5	-	-	9.020078
8	2	87.8	13	1255.0	-	11.520324

Table 74 - Long Sequence Waveform Trial#20 (NOT Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	82.5	11	1164.0	1150.0	0.573247
2	2	54.3	18	1707.0	-	1.213101
3	2	99.9	5	1743.0	-	1.550998
4	2	71.4	17	1531.0	-	2.428009
5	3	78.9	12	1645.0	1325.0	2.657723
6	2	55.7	18	1120.0	-	3.462819
7	2	70.0	19	1751.0	-	4.348006
8	2	97.8	12	1333.0	-	5.032169
9	3	99.6	8	1290.0	1507.0	5.099169
10	3	93.9	14	1318.0	1932.0	5.934282
11	1	60.2	15	-	-	6.323205
12	2	68.5	6	1153.0	-	7.258406
13	2	55.2	16	1616.0	-	7.858156
14	3	98.4	12	1527.0	1292.0	8.680720
15	1	83.8	12	-	-	8.993514
16	1	99.2	8	-	-	9.920130
17	2	81.2	7	1796.0	-	10.666240
18	3	66.8	13	1708.0	1196.0	11.191285
19	3	71.1	12	1683.0	1141.0	11.751762

Table 75 - Long Sequence Waveform Trial#21 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	72.4	17	-	-	0.203355
2	1	99.8	13	-	-	1.172600
3	3	79.0	6	1967.0	1761.0	1.529730
4	3	93.7	10	1672.0	1737.0	2.004893
5	2	61.5	9	1829.0	-	2.910718
6	3	85.0	12	1717.0	1443.0	3.599046
7	1	65.7	19	-	-	4.633807
8	3	97.2	8	1741.0	1676.0	5.280585
9	2	74.3	11	1859.0	-	5.365574
10	2	97.0	12	1961.0	-	6.056047
11	2	99.1	19	1636.0	-	7.123399
12	2	58.5	12	1817.0	-	7.793426
13	2	98.9	15	1029.0	-	8.512765
14	2	98.2	12	1426.0	-	8.773505
15	2	87.2	19	1758.0	-	9.590848
16	2	91.4	20	1525.0	-	10.163220
17	3	54.1	11	1679.0	1103.0	11.148496
18	3	78.3	9	1795.0	1093.0	11.912912

Table 76 - Long Sequence Waveform Trial#22 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	90.6	12	1490.0	-	0.789073
2	1	93.2	15	-	-	0.939066
3	2	95.9	13	1027.0	-	2.168147
4	1	78.9	15	-	-	2.879605
5	3	74.3	8	1483.0	1874.0	3.446002
6	2	68.2	16	1230.0	-	4.256496
7	3	83.6	8	1256.0	1006.0	5.306786
8	3	71.8	16	1356.0	1180.0	5.780041
9	1	95.3	18	-	-	6.678804
10	3	70.0	14	1652.0	1016.0	7.818077
11	3	50.9	8	1910.0	1509.0	8.557112
12	2	86.2	8	1841.0	-	9.197485
13	2	58.4	8	1047.0	-	10.349374
14	3	64.4	8	1396.0	1803.0	10.947706
15	3	92.3	7	1184.0	1833.0	11.308445

Table 77 - Long Sequence Waveform Trial#23 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	55.0	11	-	-	0.221654
2	2	86.8	19	1868.0	-	2.119033
3	1	75.1	16	-	-	3.604871
4	2	94.5	15	1708.0	-	4.685128
5	1	63.8	10	-	-	5.918907
6	3	67.3	16	1306.0	1518.0	7.601224
7	2	74.6	17	1777.0	-	8.328583
8	1	79.1	12	-	-	9.748913
9	2	85.4	10	1077.0	-	11.019652

Table 78 - Long Sequence Waveform Trial#24 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.4	20	1107.0	1202.0	0.550145
2	2	70.4	15	1792.0	-	1.992329
3	2	62.1	5	1011.0	-	2.435625
4	2	86.3	16	1558.0	-	3.760123
5	3	90.1	8	1399.0	1687.0	4.611908
6	2	83.0	14	1377.0	-	5.429503
7	1	59.8	12	-	-	6.326176
8	3	98.4	13	1195.0	1518.0	7.953546
9	3	93.2	9	1354.0	1030.0	8.790794
10	1	97.8	17	-	-	9.172033
11	1	89.0	11	-	-	10.862334
12	2	84.4	14	1273.0	-	11.315743

Table 79 - Long Sequence Waveform Trial#25 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	73.9	9	1398.0	-	0.250936
2	2	54.3	8	1938.0	-	1.979520
3	2	93.7	11	1082.0	-	3.426662
4	3	54.5	10	1049.0	1875.0	4.593620
5	3	96.4	14	1240.0	1594.0	5.721084
6	1	52.2	16	-	-	7.785684
7	2	61.6	14	1566.0	-	9.055177
8	2	84.1	12	1151.0	-	10.342758
9	2	69.5	9	1004.0	-	11.415230

Table 80 - Long Sequence Waveform Trial#26 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	71.4	7	-	-	0.508993
2	2	91.7	6	1069.0	-	1.704030
3	2	70.5	8	1198.0	-	2.630323
4	2	73.5	5	1343.0	-	4.311345
5	1	79.5	16	-	-	5.379552
6	1	90.2	12	-	-	5.761483
7	2	70.3	14	1590.0	-	7.543724
8	2	59.6	20	1590.0	-	8.707833
9	3	59.3	9	1024.0	1698.0	9.690686
10	2	60.0	11	1808.0	-	10.086637
11	2	72.1	8	1890.0	-	11.285393

Table 81 - Long Sequence Waveform Trial#27 (NOT Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.3	12	1567.0	-	0.584396
2	2	67.1	16	1413.0	-	2.663331
3	2	68.7	14	1474.0	-	3.129409
4	3	99.1	11	1899.0	1133.0	4.901779
5	3	65.3	10	1847.0	1694.0	6.600549
6	3	63.9	11	1156.0	1330.0	7.434503
7	2	75.6	15	1279.0	-	8.404850
8	1	77.7	17	-	-	10.388610
9	3	61.6	13	1603.0	1882.0	10.804391

Table 82 - Long Sequence Waveform Trial#28 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.4	6	1572.0	-	0.825799
2	2	63.1	14	1642.0	-	1.593449
3	1	81.8	15	-	-	2.883954
4	3	86.7	14	1446.0	1686.0	3.579253
5	1	67.4	16	-	-	4.859709
6	3	94.4	17	1888.0	1233.0	5.785758
7	2	59.0	7	1253.0	-	6.703492
8	3	59.2	10	1321.0	1527.0	7.105795
9	1	78.0	19	-	-	8.018505
10	2	98.6	6	1121.0	-	9.083302
11	3	56.3	5	1839.0	1133.0	10.551705
12	3	65.3	15	1817.0	1992.0	11.763073

Table 83 - Long Sequence Waveform Trial#29 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	61.5	9	-	-	0.873543
2	2	89.6	13	1088.0	-	2.221065
3	2	73.7	14	1241.0	-	3.724758
4	2	91.9	13	1603.0	-	4.534281
5	2	56.5	13	1174.0	-	5.947878
6	2	89.7	9	1168.0	-	7.069905
7	3	53.6	18	1148.0	1211.0	8.329879
8	2	66.6	18	1495.0	-	10.605888
9	2	88.9	11	1325.0	-	11.836402

Table 84 - Long Sequence Waveform Trial#30 (Detected) 802.11n40 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	94.1	13	-	-	0.237523
2	2	60.8	15	1413.0	-	0.673194
3	2	71.0	7	1900.0	-	1.950543
4	2	56.2	14	1445.0	-	2.620403
5	1	76.8	20	-	-	3.324571
6	2	95.1	15	1549.0	-	3.938024
7	1	70.6	16	-	-	4.657400
8	2	94.2	14	1057.0	-	5.149991
9	3	82.7	6	1212.0	1188.0	5.686960
10	1	62.3	13	-	-	6.065653
11	2	96.7	20	1412.0	-	6.846668
12	2	73.4	20	1959.0	-	7.957934
13	1	80.3	17	-	-	8.492273
14	2	50.9	20	1346.0	-	8.767227
15	2	99.1	15	1045.0	-	9.449194
16	2	94.6	17	1290.0	-	10.542645
17	2	69.5	7	1402.0	-	11.030687
18	1	74.5	6	-	-	11.528771

Table 85 - Detection Bandwidth Measurements (Bandwidth: ± 38 MHz) ac80 mode

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5251.00 MHz	0	2	0
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5252.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5253.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5254.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5255.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5260.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5265.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5270.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5275.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5280.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5285.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5290.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5295.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5300.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5305.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5310.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5315.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5320.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5325.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5326.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5327.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5328.00 MHz	10	0	100
5290.00 MHz	FCC Short Pulse Radar (Type 0)	5329.00 MHz	4	2	67

Table 86 - Summary of All Results ac80 mode

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	80.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	80.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	93.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	73.3 %	60.0 %	30	PASSED
Aggregate of above results	85.0 %	80.0 %	120	PASSED
FCC frequency hopping radar (Type 6)	98.7 %	70.0 %	79	PASSED
Long Sequence	93.3 %	80.0 %	30	PASSED

Table 87 - FCC Short Pulse Radar (Type 1A) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	81	1.0	658.0	No	5290.0MHz, -64.0dBm	Single burst
2	68	1.0	778.0	Yes	5285.0MHz, -64.0dBm	Single burst
3	18	1.0	3066.0	Yes	5280.0MHz, -64.0dBm	Single burst
4	76	1.0	698.0	Yes	5275.0MHz, -64.0dBm	Single burst
5	58	1.0	918.0	Yes	5270.0MHz, -64.0dBm	Single burst
6	59	1.0	898.0	Yes	5265.0MHz, -64.0dBm	Single burst
7	89	1.0	598.0	Yes	5260.0MHz, -64.0dBm	Single burst
8	99	1.0	538.0	Yes	5320.0MHz, -64.0dBm	Single burst
9	78	1.0	678.0	Yes	5315.0MHz, -64.0dBm	Single burst
10	67	1.0	798.0	Yes	5310.0MHz, -64.0dBm	Single burst
11	95	1.0	558.0	No	5305.0MHz, -64.0dBm	Single burst
12	86	1.0	618.0	Yes	5300.0MHz, -64.0dBm	Single burst
13	61	1.0	878.0	Yes	5295.0MHz, -64.0dBm	Single burst
14	74	1.0	718.0	No	5290.0MHz, -64.0dBm	Single burst
15	72	1.0	738.0	Yes	5285.0MHz, -64.0dBm	Single burst

Table 88 - FCC Short Pulse Radar (Type 1B) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	88	1.0	606.0	No	5290.0MHz, -64.0dBm	Single burst
2	69	1.0	775.0	No	5285.0MHz, -64.0dBm	Single burst
3	90	1.0	591.0	Yes	5280.0MHz, -64.0dBm	Single burst
4	21	1.0	2628.0	Yes	5275.0MHz, -64.0dBm	Single burst
5	36	1.0	1479.0	Yes	5270.0MHz, -64.0dBm	Single burst
6	62	1.0	856.0	Yes	5265.0MHz, -64.0dBm	Single burst
7	27	1.0	1986.0	Yes	5260.0MHz, -64.0dBm	Single burst
8	101	1.0	523.0	Yes	5320.0MHz, -64.0dBm	Single burst
9	71	1.0	751.0	Yes	5315.0MHz, -64.0dBm	Single burst
10	25	1.0	2140.0	No	5310.0MHz, -64.0dBm	Single burst
11	18	1.0	3034.0	Yes	5305.0MHz, -64.0dBm	Single burst
12	62	1.0	862.0	Yes	5300.0MHz, -64.0dBm	Single burst
13	26	1.0	2042.0	Yes	5295.0MHz, -64.0dBm	Single burst
14	82	1.0	649.0	Yes	5290.0MHz, -64.0dBm	Single burst
15	49	1.0	1089.0	Yes	5285.0MHz, -64.0dBm	Single burst

Table 89 - FCC Short Pulse Radar (Type 2) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	25	4.9	203.0	Yes	5290.0MHz, -63.0dBm	Single burst
2	24	3.2	208.0	Yes	5290.0MHz, -63.0dBm	Single burst
3	28	3.8	152.0	Yes	5290.0MHz, -63.0dBm	Single burst
4	24	1.0	154.0	No	5290.0MHz, -63.0dBm	Single burst
5	26	2.7	194.0	Yes	5290.0MHz, -63.0dBm	Single burst
6	25	1.2	155.0	Yes	5290.0MHz, -63.0dBm	Single burst
7	27	2.5	168.0	Yes	5290.0MHz, -63.0dBm	Single burst
8	26	2.0	160.0	Yes	5290.0MHz, -63.0dBm	Single burst
9	27	4.9	221.0	Yes	5290.0MHz, -63.0dBm	Single burst
10	26	3.8	207.0	Yes	5290.0MHz, -63.0dBm	Single burst
11	26	3.0	186.0	Yes	5290.0MHz, -63.0dBm	Single burst
12	25	2.5	156.0	Yes	5290.0MHz, -63.0dBm	Single burst
13	26	4.0	227.0	Yes	5290.0MHz, -63.0dBm	Single burst
14	27	2.2	168.0	Yes	5290.0MHz, -63.0dBm	Single burst
15	27	3.0	202.0	Yes	5290.0MHz, -63.0dBm	Single burst
16	23	4.7	151.0	Yes	5285.0MHz, -63.0dBm	Single burst
17	24	3.0	174.0	Yes	5280.0MHz, -63.0dBm	Single burst
18	25	4.4	202.0	Yes	5275.0MHz, -63.0dBm	Single burst
19	25	1.1	154.0	Yes	5270.0MHz, -63.0dBm	Single burst
20	29	2.4	186.0	Yes	5265.0MHz, -63.0dBm	Single burst
21	26	2.7	212.0	Yes	5260.0MHz, -63.0dBm	Single burst
22	28	2.0	208.0	Yes	5320.0MHz, -63.0dBm	Single burst
23	24	3.3	187.0	Yes	5315.0MHz, -63.0dBm	Single burst
24	28	1.5	194.0	Yes	5310.0MHz, -63.0dBm	Single burst
25	23	4.5	184.0	Yes	5305.0MHz, -63.0dBm	Single burst
26	24	4.3	180.0	Yes	5300.0MHz, -63.0dBm	Single burst
27	23	2.3	200.0	Yes	5295.0MHz, -63.0dBm	Single burst
28	25	4.2	184.0	No	5290.0MHz, -63.0dBm	Single burst
29	28	2.9	180.0	Yes	5285.0MHz, -63.0dBm	Single burst
30	26	3.4	211.0	Yes	5280.0MHz, -63.0dBm	Single burst

Table 90 - FCC Short Pulse Radar (Type 3) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	7.1	464.0	Yes	5290.0MHz, -63.0dBm	Single burst
2	17	7.1	464.0	Yes	5290.0MHz, -63.0dBm	Single burst
3	17	7.1	464.0	Yes	5290.0MHz, -63.0dBm	Single burst
4	17	7.1	464.0	Yes	5290.0MHz, -63.0dBm	Single burst
5	17	7.1	464.0	Yes	5290.0MHz, -63.0dBm	Single burst
6	18	7.9	224.0	No	5285.0MHz, -63.0dBm	Single burst
7	16	7.5	427.0	Yes	5280.0MHz, -63.0dBm	Single burst
8	18	6.8	347.0	Yes	5275.0MHz, -63.0dBm	Single burst
9	18	10.0	361.0	Yes	5270.0MHz, -63.0dBm	Single burst
10	17	9.6	410.0	Yes	5265.0MHz, -63.0dBm	Single burst
11	17	9.6	410.0	Yes	5265.0MHz, -63.0dBm	Single burst
12	16	7.1	417.0	Yes	5260.0MHz, -63.0dBm	Single burst
13	18	8.1	442.0	Yes	5320.0MHz, -63.0dBm	Single burst
14	16	7.3	458.0	Yes	5315.0MHz, -63.0dBm	Single burst
15	16	10.0	271.0	Yes	5310.0MHz, -63.0dBm	Single burst
16	18	6.8	442.0	Yes	5305.0MHz, -63.0dBm	Single burst
17	18	6.8	273.0	Yes	5300.0MHz, -63.0dBm	Single burst
18	16	9.1	450.0	Yes	5295.0MHz, -63.0dBm	Single burst
19	18	9.7	285.0	Yes	5290.0MHz, -63.0dBm	Single burst
20	17	8.8	450.0	Yes	5285.0MHz, -63.0dBm	Single burst
21	17	7.4	300.0	Yes	5280.0MHz, -63.0dBm	Single burst
22	17	8.1	305.0	Yes	5275.0MHz, -63.0dBm	Single burst
23	17	7.6	461.0	Yes	5270.0MHz, -63.0dBm	Single burst
24	18	8.0	452.0	Yes	5265.0MHz, -63.0dBm	Single burst
25	16	8.4	415.0	Yes	5260.0MHz, -63.0dBm	Single burst
26	18	8.0	375.0	Yes	5320.0MHz, -63.0dBm	Single burst
27	17	7.7	419.0	Yes	5315.0MHz, -63.0dBm	Single burst
28	17	9.2	362.0	Yes	5310.0MHz, -63.0dBm	Single burst
29	18	8.2	234.0	No	5305.0MHz, -63.0dBm	Single burst
30	17	8.4	344.0	Yes	5300.0MHz, -63.0dBm	Single burst

Table 91 - FCC Short Pulse Radar (Type 4) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	17.7	238.0	No	5290.0MHz, -63.0dBm	Single burst
2	15	18.5	416.0	No	5290.0MHz, -63.0dBm	Single burst
3	16	13.9	387.0	Yes	5290.0MHz, -63.0dBm	Single burst
4	13	13.2	455.0	Yes	5290.0MHz, -63.0dBm	Single burst
5	13	17.4	377.0	Yes	5290.0MHz, -63.0dBm	Single burst
6	14	16.8	411.0	Yes	5290.0MHz, -63.0dBm	Single burst
7	15	18.2	339.0	Yes	5290.0MHz, -63.0dBm	Single burst
8	15	11.3	397.0	Yes	5290.0MHz, -63.0dBm	Single burst
9	14	15.0	216.0	No	5290.0MHz, -63.0dBm	Single burst
10	12	12.0	282.0	Yes	5290.0MHz, -63.0dBm	Single burst
11	14	15.0	262.0	Yes	5290.0MHz, -63.0dBm	Single burst
12	16	18.1	319.0	Yes	5285.0MHz, -63.0dBm	Single burst
13	14	19.3	219.0	No	5280.0MHz, -63.0dBm	Single burst
14	15	16.6	421.0	Yes	5275.0MHz, -63.0dBm	Single burst
15	15	17.5	297.0	Yes	5270.0MHz, -63.0dBm	Single burst
16	16	13.9	463.0	Yes	5265.0MHz, -63.0dBm	Single burst
17	14	17.4	295.0	Yes	5260.0MHz, -63.0dBm	Single burst
18	14	19.7	409.0	Yes	5320.0MHz, -63.0dBm	Single burst
19	16	14.1	221.0	No	5315.0MHz, -63.0dBm	Single burst
20	14	16.9	294.0	Yes	5310.0MHz, -63.0dBm	Single burst
21	16	19.8	399.0	Yes	5305.0MHz, -63.0dBm	Single burst
22	16	13.3	362.0	Yes	5300.0MHz, -63.0dBm	Single burst
23	12	12.8	301.0	Yes	5295.0MHz, -63.0dBm	Single burst
24	13	17.0	212.0	No	5290.0MHz, -63.0dBm	Single burst
25	13	16.9	231.0	No	5290.0MHz, -63.0dBm	Single burst
26	16	17.9	213.0	No	5290.0MHz, -63.0dBm	Single burst
27	14	19.5	374.0	Yes	5290.0MHz, -63.0dBm	Single burst
28	14	18.2	341.0	Yes	5290.0MHz, -63.0dBm	Single burst
29	15	14.3	328.0	Yes	5290.0MHz, -63.0dBm	Single burst
30	13	13.1	495.0	Yes	5290.0MHz, -63.0dBm	Single burst

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5328.0MHz, -63.0dBm	Hop sequence: 5438, 5582, 5617, 5546, 5717, 5709, 5475, 5296, 5361, 5569, 5433, 5489, 5656, 5302, 5329, 5277, 5257, 5625, 5455, 5261, 5548, 5517, 5384, 5292, 5637, 5661, 5589, 5260, 5705, 5309, 5280, 5701, 5666, 5409, 5531, 5707, 5340, 5713, 5407, 5411, 5271, 5390, 5335, 5376, 5367, 5627, 5418, 5659, 5399, 5410, 5252, 5718, 5653, 5579, 5379, 5615, 5435, 5258, 5590, 5698, 5535, 5253, 5523, 5423, 5641, 5486, 5267, 5630, 5716, 5289, 5459, 5353, 5699, 5682, 5567, 5293, 5262, 5611, 5264, 5602, 5719, 5679, 5286, 5339, 5426, 5294, 5655, 5532, 5408, 5697, 5413, 5562, 5499, 5695, 5450, 5268, 5415, 5537, 5654, 5518 (22 hits)
2	9	1.0	333.0	Yes	5329.0MHz, -63.0dBm	Hop sequence: 5337, 5456, 5645, 5350, 5566, 5389, 5630, 5725, 5529, 5342, 5371, 5461, 5510, 5317, 5580, 5395, 5726, 5565, 5494, 5559, 5268, 5680, 5696, 5530, 5671, 5354, 5517, 5569, 5474, 5624, 5479, 5716, 5408, 5509, 5674, 5336, 5353, 5575, 5609, 5256, 5421, 5289, 5467, 5660, 5483, 5700, 5640, 5261, 5368, 5407, 5424, 5466, 5437, 5673, 5259, 5346, 5607, 5322, 5262, 5493, 5681, 5554, 5439, 5511, 5491, 5401, 5277, 5547, 5382, 5432, 5714, 5685, 5635, 5455, 5296, 5423, 5427, 5526, 5695, 5338, 5603, 5358, 5672, 5712, 5381, 5327, 5655, 5516, 5278, 5588, 5532, 5581, 5387, 5344, 5429, 5694, 5615, 5549, 5495, 5721 (12 hits)
3	9	1.0	333.0	Yes	5251.0MHz, -63.0dBm	Hop sequence: 5541, 5460, 5450, 5440, 5431, 5718, 5504, 5394, 5479, 5459, 5527, 5716, 5294, 5509, 5726, 5404, 5598, 5339, 5633, 5577, 5434, 5320, 5552, 5288, 5438, 5400, 5368, 5685, 5649, 5664, 5514, 5397, 5445, 5717, 5304, 5475, 5675, 5286, 5376, 5502, 5407, 5508, 5556, 5646, 5658, 5442, 5390, 5301, 5293, 5284, 5655, 5300, 5498, 5312, 5290, 5562, 5604, 5385, 5362, 5684, 5553, 5652, 5622, 5554, 5660, 5402, 5615, 5570, 5262, 5251, 5645, 5597, 5654, 5531, 5493, 5428, 5587, 5586, 5691, 5512, 5269, 5690, 5609, 5272, 5496, 5620, 5356, 5443, 5307, 5694, 5351, 5482, 5616, 5676, 5692, 5266, 5258, 5547, 5478, 5410 (18 hits)
4	9	1.0	333.0	Yes	5252.0MHz, -63.0dBm	Hop sequence: 5667, 5476, 5436, 5520, 5548, 5483, 5545, 5379, 5496, 5534, 5445, 5318, 5459, 5591, 5252, 5324, 5537, 5522, 5569, 5413, 5322, 5649, 5266, 5364, 5338, 5525, 5439,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5420, 5331, 5505, 5486, 5677, 5627, 5370, 5406, 5363, 5487, 5461, 5447, 5376, 5430, 5531, 5650, 5630, 5271, 5524, 5703, 5303, 5568, 5549, 5599, 5501, 5443, 5601, 5478, 5527, 5463, 5661, 5702, 5382, 5349, 5718, 5299, 5560, 5464, 5557, 5424, 5400, 5682, 5336, 5425, 5605, 5607, 5577, 5438, 5658, 5391, 5356, 5309, 5521, 5634, 5426, 5431, 5700, 5518, 5427, 5494, 5625, 5541, 5474, 5471, 5600, 5679, 5313, 5656, 5373, 5286, 5323, 5485, 5344 (12 hits)
5	9	1.0	333.0	Yes	5253.0MHz, -63.0dBm	Hop sequence: 5583, 5556, 5447, 5534, 5668, 5415, 5338, 5520, 5394, 5577, 5588, 5483, 5310, 5308, 5463, 5484, 5299, 5545, 5390, 5314, 5333, 5292, 5358, 5675, 5704, 5465, 5538, 5614, 5559, 5648, 5491, 5552, 5367, 5625, 5285, 5362, 5701, 5513, 5669, 5359, 5252, 5293, 5444, 5256, 5294, 5616, 5608, 5452, 5404, 5431, 5280, 5269, 5645, 5529, 5348, 5592, 5392, 5287, 5564, 5297, 5291, 5471, 5589, 5419, 5416, 5468, 5264, 5466, 5408, 5553, 5377, 5350, 5331, 5632, 5495, 5401, 5621, 5369, 5413, 5549, 5659, 5550, 5707, 5356, 5542, 5458, 5705, 5422, 5501, 5721, 5266, 5302, 5651, 5610, 5602, 5686, 5313, 5492, 5712, 5678 (19 hits)
6	9	1.0	333.0	Yes	5254.0MHz, -63.0dBm	Hop sequence: 5457, 5501, 5300, 5589, 5420, 5317, 5699, 5480, 5329, 5496, 5625, 5705, 5304, 5454, 5311, 5619, 5530, 5287, 5449, 5410, 5594, 5653, 5431, 5697, 5629, 5536, 5638, 5505, 5387, 5703, 5379, 5620, 5658, 5662, 5531, 5259, 5561, 5627, 5308, 5556, 5398, 5288, 5643, 5291, 5606, 5343, 5623, 5555, 5689, 5665, 5644, 5533, 5271, 5622, 5607, 5442, 5254, 5713, 5618, 5695, 5716, 5520, 5516, 5560, 5568, 5417, 5401, 5418, 5276, 5372, 5296, 5684, 5299, 5365, 5714, 5534, 5477, 5612, 5464, 5512, 5717, 5615, 5404, 5682, 5631, 5673, 5584, 5432, 5614, 5566, 5634, 5471, 5493, 5701, 5517, 5443, 5650, 5642, 5617, 5341 (15 hits)
7	9	1.0	333.0	Yes	5255.0MHz, -63.0dBm	Hop sequence: 5393, 5591, 5617, 5406, 5408, 5724, 5461, 5677, 5335, 5256, 5315, 5543, 5415, 5566, 5353, 5473, 5292, 5308, 5718, 5515, 5660, 5325, 5571, 5295, 5604, 5532, 5530, 5587, 5438, 5698, 5311, 5428, 5459, 5708, 5579, 5257, 5294, 5452, 5630, 5506, 5298, 5457, 5379, 5398, 5378, 5569, 5560, 5588, 5540, 5672, 5442, 5357, 5296, 5583, 5431, 5358, 5518, 5336, 5472, 5659, 5437, 5508, 5491, 5537, 5478, 5309, 5453, 5694, 5470,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5455, 5648, 5638, 5695, 5650, 5319, 5712, 5430, 5424, 5327, 5549, 5688, 5374, 5280, 5510, 5282, 5312, 5539, 5533, 5271, 5676, 5492, 5285, 5596, 5714, 5602, 5645, 5396, 5253, 5365, 5412 (20 hits)
8	9	1.0	333.0	Yes	5256.0MHz, -63.0dBm	Hop sequence: 5589, 5704, 5560, 5323, 5552, 5495, 5310, 5289, 5640, 5451, 5669, 5358, 5257, 5449, 5701, 5378, 5532, 5464, 5716, 5536, 5340, 5259, 5374, 5441, 5417, 5444, 5390, 5653, 5255, 5285, 5365, 5469, 5670, 5688, 5429, 5691, 5705, 5633, 5420, 5602, 5664, 5256, 5651, 5612, 5477, 5650, 5496, 5607, 5375, 5258, 5566, 5505, 5696, 5296, 5539, 5277, 5397, 5515, 5272, 5559, 5455, 5588, 5485, 5306, 5344, 5506, 5574, 5595, 5268, 5626, 5649, 5686, 5567, 5337, 5585, 5695, 5634, 5491, 5439, 5558, 5700, 5494, 5266, 5630, 5456, 5652, 5329, 5321, 5548, 5497, 5484, 5265, 5474, 5322, 5331, 5360, 5367, 5680, 5316, 5293 (21 hits)
9	9	1.0	333.0	Yes	5257.0MHz, -63.0dBm	Hop sequence: 5683, 5608, 5697, 5610, 5497, 5533, 5259, 5396, 5565, 5469, 5413, 5327, 5436, 5645, 5306, 5553, 5275, 5649, 5286, 5265, 5394, 5392, 5291, 5512, 5657, 5338, 5584, 5582, 5694, 5639, 5602, 5703, 5340, 5443, 5540, 5478, 5454, 5724, 5300, 5501, 5686, 5545, 5721, 5295, 5522, 5256, 5314, 5531, 5547, 5595, 5462, 5419, 5449, 5570, 5578, 5480, 5292, 5487, 5624, 5599, 5464, 5629, 5619, 5390, 5471, 5537, 5284, 5597, 5691, 5373, 5534, 5496, 5563, 5715, 5673, 5440, 5451, 5514, 5270, 5421, 5616, 5717, 5283, 5322, 5433, 5680, 5628, 5708, 5476, 5369, 5308, 5346, 5287, 5698, 5307, 5324, 5543, 5273, 5689, 5535 (21 hits)
10	9	1.0	333.0	Yes	5258.0MHz, -63.0dBm	Hop sequence: 5702, 5294, 5303, 5397, 5673, 5529, 5551, 5711, 5658, 5653, 5282, 5432, 5426, 5379, 5472, 5320, 5403, 5680, 5570, 5542, 5409, 5660, 5618, 5368, 5547, 5284, 5681, 5338, 5460, 5572, 5699, 5252, 5721, 5253, 5345, 5336, 5480, 5595, 5691, 5664, 5293, 5640, 5463, 5385, 5578, 5590, 5447, 5391, 5387, 5538, 5608, 5522, 5613, 5639, 5597, 5327, 5494, 5369, 5602, 5291, 5289, 5560, 5311, 5275, 5340, 5648, 5481, 5632, 5573, 5288, 5585, 5626, 5298, 5454, 5654, 5550, 5256, 5606, 5451, 5655, 5535, 5354, 5556, 5544, 5457, 5692, 5499, 5323, 5599, 5526, 5271, 5383, 5297, 5299, 5641, 5415, 5456, 5359, 5498, 5470 (20 hits)
11	9	1.0	333.0	Yes	5259.0MHz,	Hop sequence: 5513, 5377, 5471,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5579, 5625, 5692, 5710, 5598, 5403, 5364, 5344, 5618, 5463, 5259, 5253, 5492, 5438, 5554, 5460, 5541, 5360, 5597, 5414, 5558, 5296, 5444, 5582, 5496, 5319, 5575, 5387, 5333, 5627, 5325, 5430, 5397, 5570, 5647, 5263, 5260, 5583, 5495, 5396, 5416, 5724, 5280, 5648, 5433, 5367, 5549, 5313, 5250, 5559, 5273, 5258, 5538, 5446, 5685, 5704, 5650, 5407, 5601, 5328, 5705, 5713, 5297, 5353, 5505, 5572, 5375, 5373, 5458, 5330, 5291, 5482, 5624, 5637, 5327, 5435, 5509, 5348, 5503, 5285, 5384, 5483, 5365, 5456, 5490, 5434, 5290, 5714, 5573, 5272, 5545, 5686, 5453, 5679, 5533, 5682, 5606 (18 hits)
12	9	1.0	333.0	Yes	5260.0MHz, -63.0dBm	Hop sequence: 5487, 5723, 5696, 5316, 5424, 5516, 5400, 5281, 5467, 5279, 5673, 5681, 5380, 5553, 5371, 5714, 5711, 5303, 5543, 5623, 5591, 5275, 5473, 5324, 5561, 5560, 5542, 5603, 5668, 5554, 5509, 5368, 5394, 5480, 5693, 5367, 5589, 5720, 5646, 5716, 5327, 5557, 5357, 5515, 5448, 5722, 5519, 5535, 5642, 5641, 5610, 5272, 5425, 5479, 5596, 5633, 5360, 5289, 5620, 5392, 5300, 5718, 5294, 5381, 5457, 5264, 5689, 5423, 5692, 5698, 5621, 5455, 5369, 5710, 5333, 5547, 5626, 5618, 5565, 5607, 5461, 5407, 5651, 5433, 5541, 5484, 5592, 5335, 5650, 5290, 5429, 5606, 5471, 5597, 5648, 5550, 5349, 5525, 5372, 5326 (14 hits)
13	9	1.0	333.0	Yes	5261.0MHz, -63.0dBm	Hop sequence: 5506, 5404, 5342, 5471, 5411, 5450, 5293, 5562, 5251, 5328, 5645, 5691, 5335, 5698, 5677, 5567, 5712, 5568, 5465, 5360, 5495, 5355, 5532, 5252, 5575, 5434, 5497, 5367, 5579, 5689, 5263, 5451, 5283, 5476, 5407, 5385, 5615, 5302, 5580, 5602, 5491, 5488, 5496, 5511, 5654, 5711, 5421, 5254, 5494, 5346, 5640, 5459, 5321, 5662, 5574, 5259, 5338, 5261, 5637, 5611, 5288, 5373, 5453, 5454, 5721, 5395, 5584, 5607, 5396, 5518, 5656, 5325, 5688, 5344, 5402, 5543, 5630, 5501, 5668, 5286, 5334, 5270, 5426, 5341, 5621, 5418, 5703, 5357, 5427, 5620, 5517, 5674, 5546, 5389, 5571, 5462, 5375, 5287, 5278, 5556 (17 hits)
14	9	1.0	333.0	Yes	5262.0MHz, -63.0dBm	Hop sequence: 5677, 5592, 5636, 5576, 5409, 5553, 5686, 5342, 5266, 5295, 5354, 5647, 5528, 5718, 5713, 5350, 5532, 5574, 5703, 5457, 5460, 5527, 5271, 5277, 5491, 5726, 5624, 5313, 5348, 5687, 5554, 5370, 5641, 5485, 5394, 5467, 5622, 5487, 5536, 5614, 5697, 5634, 5351, 5552, 5559,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5502, 5452, 5558, 5589, 5435, 5316, 5673, 5715, 5566, 5292, 5534, 5405, 5334, 5307, 5631, 5267, 5522, 5617, 5391, 5456, 5668, 5540, 5611, 5570, 5252, 5549, 5666, 5374, 5648, 5689, 5646, 5582, 5488, 5606, 5416, 5445, 5573, 5600, 5486, 5312, 5253, 5704, 5262, 5424, 5458, 5507, 5579, 5575, 5441, 5660, 5619, 5533, 5400, 5638, 5708 (13 hits)
15	9	1.0	333.0	Yes	5263.0MHz, -63.0dBm	Hop sequence: 5718, 5549, 5474, 5330, 5653, 5613, 5433, 5344, 5483, 5435, 5285, 5608, 5605, 5707, 5609, 5662, 5305, 5571, 5567, 5534, 5386, 5665, 5703, 5316, 5406, 5311, 5604, 5420, 5371, 5443, 5337, 5555, 5651, 5253, 5590, 5669, 5301, 5475, 5425, 5397, 5596, 5498, 5557, 5517, 5540, 5473, 5495, 5694, 5723, 5673, 5380, 5648, 5558, 5340, 5461, 5612, 5518, 5642, 5385, 5482, 5626, 5351, 5304, 5490, 5368, 5705, 5460, 5618, 5575, 5583, 5372, 5310, 5641, 5600, 5359, 5511, 5685, 5670, 5367, 5633, 5528, 5717, 5550, 5551, 5629, 5442, 5701, 5553, 5592, 5411, 5314, 5677, 5350, 5614, 5660, 5684, 5326, 5706, 5499, 5519 (10 hits)
16	9	1.0	333.0	Yes	5264.0MHz, -63.0dBm	Hop sequence: 5579, 5255, 5481, 5515, 5416, 5314, 5720, 5656, 5377, 5661, 5278, 5371, 5638, 5522, 5687, 5607, 5664, 5384, 5286, 5320, 5703, 5686, 5565, 5561, 5409, 5618, 5287, 5440, 5364, 5296, 5689, 5335, 5311, 5354, 5438, 5412, 5260, 5500, 5325, 5403, 5259, 5601, 5568, 5655, 5696, 5712, 5445, 5470, 5726, 5651, 5648, 5714, 5337, 5382, 5609, 5350, 5443, 5684, 5261, 5268, 5451, 5495, 5504, 5628, 5631, 5602, 5400, 5336, 5642, 5557, 5460, 5596, 5666, 5257, 5526, 5704, 5725, 5385, 5581, 5694, 5518, 5329, 5646, 5490, 5529, 5307, 5662, 5455, 5553, 5545, 5724, 5298, 5659, 5710, 5404, 5292, 5353, 5449, 5389, 5482 (18 hits)
17	9	1.0	333.0	Yes	5265.0MHz, -63.0dBm	Hop sequence: 5682, 5371, 5265, 5393, 5479, 5649, 5582, 5317, 5552, 5411, 5648, 5418, 5492, 5380, 5657, 5698, 5426, 5306, 5331, 5437, 5302, 5692, 5623, 5522, 5434, 5385, 5586, 5257, 5450, 5519, 5342, 5542, 5645, 5681, 5561, 5269, 5304, 5533, 5300, 5597, 5515, 5279, 5451, 5512, 5251, 5395, 5572, 5540, 5587, 5578, 5547, 5576, 5425, 5462, 5559, 5381, 5413, 5719, 5513, 5355, 5699, 5474, 5332, 5665, 5710, 5311, 5255, 5487, 5551, 5527, 5361, 5676, 5456, 5505, 5389, 5373, 5546, 5663, 5325, 5503, 5256, 5353, 5575, 5706, 5266, 5384, 5267,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5382, 5721, 5453, 5459, 5428, 5633, 5634, 5488, 5606, 5603, 5650, 5295, 5394 (17 hits)
18	9	1.0	333.0	Yes	5266.0MHz, -63.0dBm	Hop sequence: 5622, 5388, 5636, 5286, 5309, 5252, 5319, 5342, 5699, 5478, 5556, 5251, 5598, 5261, 5629, 5443, 5440, 5455, 5329, 5295, 5257, 5365, 5570, 5432, 5266, 5368, 5601, 5505, 5717, 5426, 5552, 5459, 5719, 5583, 5456, 5372, 5363, 5403, 5693, 5661, 5331, 5340, 5504, 5575, 5561, 5720, 5613, 5706, 5652, 5555, 5516, 5514, 5510, 5343, 5714, 5725, 5387, 5539, 5551, 5448, 5534, 5722, 5640, 5317, 5371, 5445, 5674, 5457, 5544, 5600, 5326, 5517, 5703, 5324, 5599, 5389, 5305, 5315, 5611, 5278, 5460, 5438, 5709, 5655, 5320, 5357, 5644, 5492, 5378, 5429, 5358, 5702, 5671, 5462, 5586, 5453, 5526, 5533, 5602, 5691 (17 hits)
19	9	1.0	333.0	Yes	5267.0MHz, -63.0dBm	Hop sequence: 5453, 5466, 5718, 5343, 5270, 5475, 5431, 5327, 5439, 5346, 5517, 5342, 5644, 5665, 5709, 5290, 5303, 5409, 5593, 5615, 5708, 5686, 5418, 5266, 5670, 5520, 5407, 5720, 5449, 5328, 5705, 5340, 5413, 5416, 5598, 5411, 5655, 5693, 5566, 5267, 5608, 5601, 5329, 5548, 5723, 5559, 5456, 5523, 5578, 5570, 5699, 5390, 5500, 5355, 5568, 5489, 5710, 5256, 5386, 5460, 5525, 5264, 5592, 5658, 5331, 5630, 5258, 5586, 5599, 5584, 5435, 5457, 5528, 5526, 5533, 5688, 5529, 5679, 5440, 5687, 5280, 5405, 5717, 5381, 5337, 5349, 5671, 5511, 5657, 5531, 5711, 5365, 5260, 5696, 5667, 5642, 5552, 5653, 5470, 5561 (13 hits)
20	9	1.0	333.0	Yes	5268.0MHz, -63.0dBm	Hop sequence: 5469, 5683, 5318, 5618, 5608, 5638, 5269, 5298, 5602, 5647, 5511, 5358, 5393, 5315, 5316, 5388, 5398, 5631, 5336, 5278, 5326, 5661, 5283, 5487, 5569, 5346, 5313, 5515, 5629, 5691, 5593, 5553, 5687, 5604, 5338, 5598, 5470, 5610, 5585, 5381, 5277, 5546, 5341, 5521, 5259, 5709, 5365, 5677, 5453, 5419, 5449, 5323, 5514, 5496, 5700, 5670, 5349, 5397, 5261, 5572, 5513, 5355, 5503, 5260, 5690, 5651, 5620, 5271, 5703, 5415, 5362, 5466, 5311, 5389, 5705, 5665, 5289, 5630, 5708, 5456, 5308, 5302, 5543, 5297, 5490, 5479, 5524, 5296, 5657, 5333, 5328, 5497, 5528, 5383, 5309, 5599, 5534, 5305, 5320, 5366 (25 hits)
21	9	1.0	333.0	Yes	5269.0MHz, -63.0dBm	Hop sequence: 5270, 5438, 5273, 5294, 5501, 5288, 5542, 5719, 5598, 5383, 5603, 5253, 5424, 5687, 5710, 5673, 5439, 5706, 5468, 5312, 5538,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5537, 5463, 5649, 5520, 5376, 5484, 5361, 5683, 5459, 5663, 5460, 5310, 5572, 5723, 5557, 5525, 5507, 5493, 5498, 5335, 5300, 5448, 5668, 5512, 5622, 5372, 5642, 5696, 5644, 5286, 5307, 5524, 5331, 5559, 5697, 5328, 5418, 5506, 5639, 5481, 5433, 5295, 5425, 5382, 5462, 5604, 5471, 5522, 5597, 5661, 5567, 5497, 5365, 5676, 5414, 5395, 5420, 5607, 5308, 5553, 5495, 5327, 5454, 5643, 5646, 5455, 5679, 5592, 5667, 5718, 5334, 5437, 5379, 5411, 5447, 5431, 5423, 5658, 5315 (15 hits)
22	9	1.0	333.0	Yes	5270.0MHz, -63.0dBm	Hop sequence: 5330, 5415, 5689, 5645, 5653, 5322, 5635, 5633, 5667, 5371, 5431, 5706, 5663, 5721, 5413, 5491, 5406, 5510, 5495, 5556, 5354, 5393, 5598, 5691, 5420, 5655, 5487, 5637, 5677, 5264, 5278, 5509, 5252, 5482, 5342, 5457, 5485, 5486, 5696, 5259, 5448, 5631, 5567, 5418, 5347, 5504, 5361, 5277, 5614, 5581, 5574, 5660, 5470, 5346, 5658, 5538, 5619, 5313, 5338, 5709, 5453, 5312, 5624, 5626, 5652, 5671, 5323, 5294, 5397, 5613, 5300, 5507, 5340, 5416, 5314, 5612, 5293, 5718, 5403, 5529, 5571, 5668, 5428, 5315, 5445, 5492, 5440, 5606, 5398, 5564, 5348, 5531, 5301, 5452, 5454, 5302, 5407, 5563, 5444, 5698 (16 hits)
23	9	1.0	333.0	Yes	5271.0MHz, -63.0dBm	Hop sequence: 5460, 5683, 5626, 5638, 5705, 5580, 5286, 5308, 5312, 5583, 5571, 5526, 5280, 5442, 5273, 5383, 5574, 5413, 5470, 5484, 5471, 5377, 5717, 5625, 5407, 5603, 5659, 5411, 5706, 5421, 5543, 5431, 5368, 5722, 5476, 5707, 5516, 5415, 5686, 5531, 5395, 5718, 5701, 5359, 5630, 5279, 5547, 5565, 5712, 5352, 5428, 5458, 5447, 5585, 5627, 5322, 5501, 5576, 5394, 5281, 5648, 5643, 5379, 5668, 5709, 5567, 5397, 5364, 5537, 5301, 5523, 5266, 5687, 5455, 5532, 5385, 5606, 5642, 5662, 5433, 5480, 5569, 5416, 5292, 5716, 5682, 5610, 5604, 5507, 5409, 5559, 5398, 5294, 5589, 5349, 5598, 5358, 5461, 5620, 5320 (13 hits)
24	9	1.0	333.0	Yes	5272.0MHz, -63.0dBm	Hop sequence: 5574, 5350, 5321, 5710, 5358, 5668, 5451, 5667, 5615, 5443, 5340, 5652, 5676, 5471, 5373, 5559, 5413, 5420, 5498, 5646, 5526, 5618, 5685, 5504, 5516, 5630, 5514, 5472, 5468, 5392, 5528, 5674, 5474, 5695, 5308, 5438, 5643, 5293, 5611, 5660, 5256, 5318, 5597, 5511, 5606, 5412, 5449, 5290, 5310, 5675, 5291, 5713, 5418, 5683, 5701, 5641, 5312, 5345, 5562, 5567, 5465, 5724, 5447,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5297, 5334, 5548, 5397, 5626, 5302, 5563, 5613, 5521, 5655, 5510, 5547, 5573, 5437, 5672, 5452, 5396, 5539, 5551, 5250, 5286, 5523, 5513, 5383, 5456, 5482, 5453, 5395, 5360, 5423, 5415, 5566, 5311, 5515, 5460, 5584, 5664 (13 hits)
25	9	1.0	333.0	Yes	5273.0MHz, -63.0dBm	Hop sequence: 5443, 5466, 5654, 5709, 5340, 5291, 5574, 5559, 5569, 5485, 5510, 5469, 5555, 5487, 5281, 5255, 5404, 5592, 5491, 5673, 5543, 5637, 5606, 5355, 5399, 5410, 5342, 5525, 5264, 5285, 5551, 5664, 5288, 5265, 5700, 5523, 5301, 5688, 5419, 5484, 5596, 5503, 5357, 5424, 5517, 5504, 5615, 5307, 5346, 5718, 5271, 5392, 5577, 5360, 5701, 5620, 5544, 5489, 5329, 5409, 5500, 5575, 5532, 5601, 5379, 5430, 5434, 5366, 5602, 5697, 5516, 5327, 5646, 5522, 5548, 5564, 5604, 5541, 5422, 5279, 5493, 5692, 5612, 5384, 5507, 5621, 5313, 5656, 5712, 5337, 5421, 5262, 5597, 5330, 5454, 5358, 5640, 5314, 5530, 5435 (16 hits)
26	9	1.0	333.0	Yes	5274.0MHz, -63.0dBm	Hop sequence: 5695, 5500, 5724, 5558, 5379, 5615, 5529, 5410, 5372, 5391, 5540, 5327, 5612, 5584, 5553, 5534, 5528, 5630, 5665, 5291, 5582, 5560, 5585, 5544, 5514, 5592, 5526, 5574, 5696, 5345, 5267, 5268, 5619, 5353, 5464, 5304, 5720, 5269, 5330, 5639, 5548, 5344, 5300, 5324, 5707, 5521, 5628, 5352, 5712, 5572, 5476, 5283, 5676, 5531, 5482, 5717, 5555, 5690, 5700, 5557, 5313, 5433, 5384, 5588, 5605, 5251, 5457, 5532, 5610, 5549, 5383, 5455, 5501, 5474, 5683, 5706, 5722, 5687, 5484, 5298, 5452, 5483, 5653, 5715, 5440, 5522, 5699, 5311, 5725, 5343, 5697, 5542, 5645, 5541, 5361, 5663, 5638, 5401, 5641, 5262 (14 hits)
27	9	1.0	333.0	Yes	5275.0MHz, -63.0dBm	Hop sequence: 5717, 5502, 5585, 5506, 5643, 5344, 5353, 5704, 5575, 5513, 5471, 5374, 5721, 5641, 5691, 5421, 5540, 5712, 5508, 5255, 5484, 5440, 5328, 5466, 5494, 5545, 5693, 5291, 5682, 5542, 5274, 5382, 5338, 5546, 5490, 5305, 5257, 5681, 5634, 5591, 5407, 5719, 5685, 5592, 5558, 5270, 5272, 5670, 5479, 5722, 5462, 5696, 5310, 5676, 5521, 5630, 5284, 5560, 5626, 5668, 5393, 5631, 5413, 5621, 5624, 5429, 5688, 5528, 5383, 5345, 5304, 5472, 5410, 5512, 5441, 5658, 5489, 5482, 5432, 5454, 5667, 5380, 5317, 5354, 5361, 5697, 5700, 5644, 5665, 5573, 5551, 5662, 5602, 5725, 5480, 5298, 5419, 5664, 5276, 5708 (14 hits)

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	9	1.0	333.0	Yes	5276.0MHz, -63.0dBm	Hop sequence: 5308, 5305, 5482, 5255, 5396, 5488, 5326, 5335, 5675, 5267, 5657, 5614, 5441, 5310, 5668, 5392, 5520, 5290, 5320, 5434, 5584, 5620, 5372, 5404, 5349, 5621, 5412, 5707, 5576, 5631, 5360, 5311, 5461, 5550, 5724, 5251, 5599, 5274, 5519, 5562, 5700, 5381, 5640, 5585, 5496, 5393, 5253, 5547, 5658, 5289, 5672, 5721, 5544, 5534, 5299, 5261, 5581, 5357, 5489, 5611, 5409, 5596, 5365, 5340, 5674, 5271, 5605, 5300, 5667, 5433, 5407, 5315, 5428, 5638, 5533, 5317, 5603, 5665, 5502, 5595, 5282, 5368, 5498, 5313, 5371, 5642, 5423, 5270, 5345, 5702, 5401, 5450, 5490, 5297, 5546, 5588, 5370, 5506, 5414, 5479 (23 hits)
29	9	1.0	333.0	Yes	5277.0MHz, -63.0dBm	Hop sequence: 5301, 5536, 5611, 5292, 5643, 5309, 5446, 5437, 5681, 5331, 5363, 5251, 5606, 5411, 5442, 5436, 5374, 5257, 5383, 5312, 5376, 5567, 5678, 5677, 5712, 5328, 5586, 5710, 5591, 5571, 5351, 5713, 5725, 5645, 5569, 5683, 5584, 5453, 5259, 5626, 5616, 5469, 5582, 5379, 5714, 5359, 5576, 5284, 5272, 5464, 5668, 5471, 5263, 5369, 5466, 5481, 5654, 5401, 5335, 5693, 5356, 5329, 5483, 5703, 5418, 5280, 5598, 5408, 5660, 5639, 5534, 5370, 5394, 5553, 5612, 5397, 5271, 5692, 5480, 5684, 5298, 5704, 5484, 5321, 5528, 5449, 5310, 5634, 5533, 5541, 5514, 5544, 5578, 5362, 5410, 5674, 5476, 5525, 5334, 5400 (17 hits)
30	9	1.0	333.0	Yes	5278.0MHz, -63.0dBm	Hop sequence: 5389, 5293, 5585, 5533, 5555, 5457, 5706, 5358, 5473, 5660, 5309, 5552, 5667, 5537, 5306, 5441, 5476, 5641, 5475, 5299, 5444, 5276, 5331, 5373, 5683, 5619, 5556, 5477, 5330, 5566, 5722, 5578, 5393, 5563, 5275, 5648, 5685, 5636, 5315, 5320, 5627, 5466, 5305, 5363, 5403, 5670, 5270, 5440, 5649, 5717, 5365, 5635, 5397, 5671, 5392, 5661, 5697, 5580, 5540, 5319, 5350, 5413, 5418, 5434, 5412, 5610, 5500, 5680, 5677, 5672, 5339, 5250, 5455, 5682, 5409, 5539, 5581, 5519, 5547, 5507, 5579, 5557, 5479, 5335, 5376, 5474, 5386, 5524, 5654, 5487, 5254, 5425, 5614, 5666, 5532, 5408, 5410, 5271, 5329, 5597 (14 hits)
31	9	1.0	333.0	Yes	5279.0MHz, -63.0dBm	Hop sequence: 5285, 5286, 5394, 5261, 5431, 5593, 5668, 5395, 5323, 5376, 5588, 5271, 5439, 5531, 5300, 5629, 5460, 5515, 5292, 5320, 5516, 5421, 5604, 5597, 5710, 5641, 5335, 5669, 5656, 5569, 5287, 5509, 5532, 5720, 5508, 5521, 5621, 5277, 5360,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5262, 5374, 5408, 5406, 5628, 5319, 5726, 5304, 5684, 5432, 5570, 5413, 5375, 5620, 5354, 5362, 5449, 5583, 5454, 5623, 5563, 5573, 5484, 5514, 5691, 5541, 5290, 5473, 5378, 5558, 5324, 5580, 5275, 5682, 5708, 5463, 5366, 5562, 5296, 5314, 5455, 5546, 5605, 5272, 5332, 5680, 5281, 5499, 5619, 5373, 5381, 5552, 5343, 5664, 5725, 5607, 5458, 5705, 5348, 5551, 5342 (20 hits)
32	9	1.0	333.0	Yes	5280.0MHz, -63.0dBm	Hop sequence: 5410, 5281, 5328, 5490, 5572, 5302, 5288, 5629, 5262, 5449, 5315, 5689, 5461, 5526, 5546, 5672, 5257, 5452, 5357, 5644, 5477, 5425, 5557, 5501, 5682, 5711, 5695, 5710, 5489, 5333, 5556, 5274, 5485, 5350, 5723, 5648, 5412, 5511, 5402, 5609, 5667, 5705, 5377, 5319, 5344, 5496, 5590, 5373, 5462, 5259, 5399, 5618, 5518, 5354, 5584, 5625, 5285, 5295, 5661, 5438, 5445, 5270, 5718, 5574, 5435, 5386, 5311, 5380, 5467, 5428, 5336, 5456, 5534, 5353, 5500, 5426, 5338, 5674, 5499, 5510, 5459, 5486, 5365, 5300, 5646, 5422, 5250, 5443, 5261, 5317, 5379, 5396, 5593, 5540, 5491, 5560, 5291, 5384, 5423, 5649 (18 hits)
33	9	1.0	333.0	Yes	5281.0MHz, -63.0dBm	Hop sequence: 5454, 5413, 5438, 5631, 5715, 5463, 5521, 5426, 5303, 5296, 5493, 5637, 5374, 5661, 5405, 5652, 5338, 5345, 5416, 5254, 5397, 5456, 5565, 5557, 5508, 5495, 5252, 5307, 5610, 5417, 5604, 5430, 5314, 5444, 5560, 5606, 5526, 5322, 5708, 5260, 5433, 5327, 5343, 5336, 5274, 5266, 5522, 5364, 5618, 5563, 5352, 5556, 5641, 5298, 5528, 5326, 5386, 5712, 5506, 5256, 5423, 5359, 5587, 5294, 5421, 5510, 5602, 5638, 5485, 5691, 5726, 5683, 5297, 5532, 5384, 5492, 5265, 5361, 5594, 5270, 5677, 5649, 5689, 5611, 5342, 5272, 5529, 5401, 5682, 5674, 5680, 5721, 5503, 5702, 5318, 5280, 5370, 5377, 5593, 5264 (22 hits)
34	9	1.0	333.0	Yes	5282.0MHz, -63.0dBm	Hop sequence: 5348, 5640, 5312, 5396, 5413, 5513, 5695, 5486, 5391, 5717, 5685, 5281, 5541, 5557, 5377, 5720, 5650, 5450, 5368, 5514, 5497, 5407, 5675, 5309, 5256, 5702, 5637, 5550, 5353, 5283, 5595, 5372, 5386, 5318, 5463, 5605, 5393, 5320, 5446, 5676, 5326, 5395, 5665, 5442, 5394, 5601, 5424, 5475, 5345, 5293, 5683, 5623, 5552, 5464, 5534, 5600, 5355, 5712, 5537, 5598, 5284, 5311, 5422, 5603, 5319, 5528, 5670, 5371, 5459, 5337, 5658, 5547, 5615, 5274, 5403, 5310, 5585, 5370, 5714, 5483, 5639,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5562, 5388, 5443, 5593, 5548, 5626, 5454, 5423, 5631, 5342, 5451, 5340, 5493, 5686, 5674, 5255, 5503, 5540, 5482 (15 hits)
35	9	1.0	333.0	Yes	5283.0MHz, -63.0dBm	Hop sequence: 5724, 5575, 5516, 5461, 5253, 5609, 5350, 5524, 5548, 5605, 5593, 5675, 5635, 5368, 5626, 5711, 5493, 5394, 5366, 5470, 5344, 5348, 5415, 5528, 5362, 5354, 5438, 5483, 5618, 5309, 5358, 5480, 5682, 5526, 5329, 5420, 5380, 5705, 5723, 5351, 5621, 5667, 5406, 5686, 5303, 5305, 5279, 5693, 5632, 5565, 5501, 5533, 5286, 5431, 5291, 5398, 5385, 5276, 5484, 5630, 5570, 5422, 5430, 5629, 5425, 5539, 5567, 5580, 5517, 5450, 5293, 5359, 5277, 5612, 5650, 5482, 5335, 5488, 5568, 5401, 5577, 5341, 5452, 5352, 5440, 5357, 5674, 5404, 5377, 5720, 5714, 5584, 5347, 5313, 5261, 5381, 5573, 5710, 5269, 5660 (14 hits)
36	9	1.0	333.0	Yes	5284.0MHz, -63.0dBm	Hop sequence: 5503, 5366, 5716, 5659, 5504, 5537, 5725, 5684, 5356, 5418, 5653, 5610, 5303, 5363, 5701, 5592, 5541, 5367, 5339, 5616, 5431, 5493, 5710, 5337, 5361, 5608, 5630, 5323, 5291, 5439, 5536, 5469, 5532, 5471, 5370, 5638, 5670, 5645, 5489, 5652, 5253, 5351, 5312, 5629, 5407, 5643, 5472, 5350, 5296, 5657, 5632, 5574, 5570, 5482, 5587, 5575, 5257, 5437, 5650, 5345, 5373, 5564, 5376, 5624, 5721, 5483, 5468, 5561, 5315, 5435, 5394, 5538, 5461, 5271, 5568, 5348, 5448, 5598, 5697, 5349, 5290, 5679, 5318, 5668, 5567, 5559, 5354, 5460, 5295, 5293, 5485, 5404, 5263, 5382, 5672, 5542, 5708, 5334, 5717, 5368 (14 hits)
37	9	1.0	333.0	Yes	5285.0MHz, -63.0dBm	Hop sequence: 5344, 5530, 5465, 5399, 5557, 5620, 5552, 5707, 5403, 5608, 5576, 5654, 5621, 5461, 5428, 5316, 5359, 5402, 5673, 5698, 5270, 5565, 5655, 5463, 5321, 5391, 5255, 5269, 5383, 5709, 5618, 5257, 5532, 5678, 5395, 5717, 5510, 5357, 5647, 5266, 5506, 5509, 5675, 5578, 5442, 5628, 5376, 5322, 5444, 5371, 5437, 5364, 5277, 5676, 5595, 5262, 5275, 5531, 5546, 5352, 5514, 5494, 5392, 5355, 5259, 5683, 5507, 5384, 5637, 5674, 5260, 5630, 5410, 5616, 5577, 5606, 5599, 5722, 5335, 5375, 5329, 5594, 5562, 5312, 5610, 5293, 5601, 5702, 5320, 5723, 5448, 5252, 5435, 5488, 5280, 5492, 5596, 5317, 5483, 5547 (20 hits)
38	9	1.0	333.0	Yes	5286.0MHz, -63.0dBm	Hop sequence: 5503, 5349, 5322, 5436, 5272, 5426, 5573, 5548, 5347, 5525, 5488, 5483, 5612, 5341, 5454,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5694, 5297, 5697, 5270, 5386, 5517, 5658, 5376, 5699, 5564, 5641, 5510, 5706, 5520, 5274, 5425, 5560, 5646, 5398, 5365, 5622, 5471, 5676, 5640, 5607, 5669, 5323, 5326, 5384, 5671, 5704, 5339, 5532, 5679, 5420, 5273, 5298, 5575, 5441, 5372, 5543, 5644, 5480, 5390, 5519, 5293, 5562, 5281, 5595, 5507, 5684, 5511, 5313, 5705, 5577, 5479, 5449, 5408, 5260, 5336, 5553, 5478, 5505, 5686, 5460, 5544, 5558, 5364, 5689, 5696, 5611, 5527, 5496, 5540, 5535, 5659, 5574, 5711, 5407, 5470, 5350, 5279, 5330, 5363, 5626 (14 hits)
39	9	1.0	333.0	Yes	5287.0MHz, -63.0dBm	Hop sequence: 5720, 5516, 5557, 5572, 5718, 5270, 5394, 5315, 5385, 5458, 5630, 5362, 5440, 5706, 5305, 5466, 5527, 5497, 5295, 5266, 5671, 5571, 5574, 5434, 5540, 5621, 5547, 5606, 5552, 5573, 5327, 5688, 5457, 5507, 5673, 5667, 5594, 5448, 5267, 5623, 5716, 5561, 5365, 5419, 5392, 5416, 5321, 5697, 5462, 5506, 5535, 5357, 5384, 5253, 5331, 5345, 5504, 5363, 5655, 5511, 5708, 5314, 5646, 5629, 5483, 5259, 5604, 5665, 5512, 5261, 5550, 5544, 5542, 5415, 5689, 5481, 5494, 5356, 5698, 5707, 5277, 5359, 5486, 5508, 5445, 5257, 5388, 5643, 5328, 5548, 5699, 5371, 5322, 5355, 5425, 5370, 5690, 5482, 5597, 5626 (16 hits)
40	9	1.0	333.0	Yes	5288.0MHz, -63.0dBm	Hop sequence: 5384, 5375, 5704, 5277, 5493, 5543, 5506, 5260, 5601, 5578, 5410, 5643, 5615, 5485, 5344, 5376, 5555, 5437, 5530, 5396, 5541, 5252, 5576, 5409, 5282, 5387, 5557, 5617, 5403, 5316, 5560, 5513, 5717, 5550, 5354, 5599, 5299, 5568, 5390, 5654, 5554, 5580, 5504, 5454, 5605, 5720, 5334, 5569, 5457, 5642, 5469, 5661, 5709, 5614, 5356, 5516, 5678, 5253, 5429, 5595, 5636, 5372, 5611, 5363, 5251, 5320, 5487, 5675, 5637, 5699, 5495, 5639, 5591, 5665, 5290, 5292, 5589, 5681, 5600, 5302, 5321, 5505, 5584, 5319, 5532, 5613, 5509, 5547, 5364, 5468, 5641, 5446, 5715, 5725, 5353, 5652, 5502, 5546, 5551, 5425 (14 hits)
41	9	1.0	333.0	Yes	5289.0MHz, -63.0dBm	Hop sequence: 5662, 5468, 5580, 5470, 5628, 5458, 5585, 5508, 5534, 5579, 5387, 5561, 5344, 5555, 5397, 5577, 5562, 5349, 5373, 5327, 5525, 5367, 5360, 5361, 5617, 5622, 5364, 5566, 5642, 5376, 5514, 5653, 5331, 5515, 5336, 5564, 5418, 5365, 5611, 5312, 5372, 5467, 5521, 5619, 5684, 5422, 5444, 5308, 5290, 5462, 5549, 5557, 5567, 5296, 5503, 5369, 5672,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5495, 5695, 5480, 5448, 5539, 5660, 5324, 5285, 5440, 5518, 5335, 5411, 5553, 5425, 5329, 5382, 5692, 5415, 5680, 5493, 5656, 5703, 5483, 5342, 5683, 5359, 5593, 5657, 5699, 5386, 5353, 5705, 5389, 5433, 5300, 5649, 5526, 5423, 5543, 5709, 5291, 5406, 5410 (10 hits)
42	9	1.0	333.0	No	5290.0MHz, -63.0dBm	Hop sequence: 5513, 5632, 5393, 5628, 5272, 5419, 5605, 5371, 5701, 5567, 5537, 5601, 5531, 5691, 5274, 5330, 5653, 5278, 5678, 5477, 5433, 5350, 5452, 5250, 5599, 5515, 5724, 5324, 5294, 5570, 5270, 5400, 5594, 5351, 5336, 5340, 5545, 5293, 5505, 5651, 5453, 5473, 5663, 5600, 5259, 5466, 5589, 5280, 5506, 5332, 5424, 5553, 5417, 5551, 5572, 5284, 5309, 5587, 5458, 5410, 5297, 5579, 5328, 5384, 5532, 5540, 5380, 5596, 5649, 5650, 5717, 5482, 5673, 5333, 5470, 5598, 5687, 5523, 5388, 5697, 5539, 5679, 5694, 5449, 5725, 5590, 5377, 5314, 5577, 5690, 5656, 5362, 5355, 5692, 5636, 5583, 5366, 5378, 5645, 5713 (14 hits)
43	9	1.0	333.0	Yes	5291.0MHz, -63.0dBm	Hop sequence: 5298, 5638, 5703, 5394, 5723, 5651, 5684, 5625, 5552, 5384, 5696, 5383, 5537, 5560, 5293, 5530, 5274, 5591, 5478, 5430, 5261, 5617, 5487, 5693, 5271, 5333, 5659, 5440, 5347, 5719, 5494, 5590, 5406, 5569, 5496, 5348, 5687, 5355, 5711, 5402, 5448, 5303, 5359, 5342, 5573, 5653, 5407, 5329, 5396, 5522, 5704, 5376, 5501, 5561, 5531, 5319, 5541, 5302, 5345, 5270, 5382, 5488, 5508, 5288, 5632, 5401, 5634, 5341, 5575, 5652, 5502, 5391, 5636, 5690, 5718, 5708, 5551, 5586, 5682, 5510, 5691, 5469, 5642, 5371, 5286, 5555, 5629, 5643, 5705, 5480, 5273, 5466, 5405, 5658, 5697, 5613, 5584, 5441, 5507, 5370 (13 hits)
44	9	1.0	333.0	Yes	5292.0MHz, -63.0dBm	Hop sequence: 5494, 5419, 5356, 5566, 5619, 5274, 5395, 5359, 5334, 5692, 5662, 5680, 5504, 5558, 5527, 5593, 5517, 5400, 5278, 5651, 5401, 5568, 5302, 5635, 5291, 5636, 5502, 5555, 5264, 5498, 5336, 5363, 5319, 5624, 5661, 5446, 5647, 5355, 5383, 5282, 5474, 5677, 5316, 5556, 5554, 5460, 5284, 5587, 5428, 5311, 5679, 5591, 5582, 5323, 5561, 5422, 5530, 5439, 5708, 5375, 5379, 5470, 5495, 5415, 5364, 5721, 5533, 5716, 5457, 5725, 5538, 5641, 5322, 5253, 5426, 5668, 5458, 5330, 5560, 5660, 5441, 5403, 5413, 5503, 5266, 5268, 5645, 5609, 5349, 5545, 5723, 5707, 5402, 5485, 5618, 5271, 5325, 5445, 5461,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5362 (17 hits)
45	9	1.0	333.0	Yes	5293.0MHz, -63.0dBm	Hop sequence: 5618, 5527, 5701, 5496, 5259, 5360, 5600, 5602, 5549, 5491, 5677, 5385, 5410, 5588, 5563, 5254, 5276, 5338, 5623, 5625, 5509, 5379, 5469, 5705, 5388, 5528, 5298, 5508, 5424, 5575, 5683, 5535, 5691, 5627, 5264, 5364, 5395, 5263, 5315, 5452, 5447, 5521, 5512, 5418, 5592, 5399, 5715, 5646, 5255, 5644, 5274, 5689, 5595, 5258, 5483, 5706, 5489, 5537, 5539, 5438, 5494, 5525, 5267, 5448, 5634, 5516, 5305, 5624, 5309, 5567, 5556, 5295, 5417, 5329, 5541, 5480, 5310, 5536, 5557, 5713, 5665, 5262, 5720, 5308, 5659, 5546, 5428, 5303, 5514, 5610, 5603, 5273, 5445, 5649, 5724, 5351, 5422, 5696, 5506, 5651 (20 hits)
46	9	1.0	333.0	Yes	5294.0MHz, -63.0dBm	Hop sequence: 5325, 5308, 5658, 5605, 5707, 5364, 5688, 5692, 5619, 5398, 5379, 5497, 5478, 5352, 5332, 5313, 5615, 5389, 5620, 5654, 5573, 5527, 5512, 5650, 5445, 5307, 5697, 5684, 5710, 5552, 5635, 5410, 5482, 5257, 5546, 5346, 5268, 5274, 5329, 5456, 5595, 5292, 5659, 5661, 5468, 5666, 5686, 5477, 5689, 5575, 5428, 5425, 5298, 5279, 5336, 5373, 5567, 5486, 5353, 5484, 5450, 5280, 5474, 5558, 5675, 5663, 5434, 5380, 5498, 5665, 5549, 5513, 5584, 5606, 5587, 5465, 5507, 5625, 5639, 5369, 5286, 5579, 5405, 5318, 5501, 5330, 5516, 5315, 5476, 5554, 5696, 5646, 5723, 5391, 5644, 5416, 5719, 5399, 5277, 5383 (16 hits)
47	9	1.0	333.0	Yes	5295.0MHz, -63.0dBm	Hop sequence: 5355, 5651, 5546, 5721, 5444, 5259, 5493, 5543, 5618, 5288, 5490, 5260, 5514, 5445, 5473, 5256, 5662, 5328, 5522, 5675, 5557, 5561, 5451, 5314, 5315, 5603, 5487, 5608, 5354, 5587, 5433, 5491, 5466, 5672, 5652, 5634, 5578, 5604, 5654, 5680, 5428, 5637, 5687, 5504, 5362, 5298, 5554, 5567, 5329, 5384, 5250, 5263, 5620, 5294, 5666, 5607, 5357, 5352, 5579, 5521, 5671, 5317, 5308, 5255, 5455, 5696, 5338, 5547, 5459, 5358, 5534, 5382, 5364, 5461, 5544, 5718, 5347, 5508, 5392, 5345, 5257, 5692, 5501, 5370, 5303, 5495, 5570, 5402, 5278, 5515, 5343, 5630, 5378, 5500, 5395, 5593, 5442, 5619, 5396, 5416 (17 hits)
48	9	1.0	333.0	Yes	5296.0MHz, -63.0dBm	Hop sequence: 5470, 5323, 5545, 5473, 5469, 5596, 5381, 5439, 5672, 5574, 5555, 5405, 5338, 5257, 5309, 5293, 5713, 5624, 5443, 5438, 5480, 5521, 5362, 5267, 5316, 5688, 5467, 5472, 5346, 5444, 5665, 5648, 5399,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5674, 5332, 5265, 5705, 5637, 5675, 5288, 5597, 5499, 5401, 5449, 5519, 5623, 5446, 5318, 5284, 5680, 5389, 5430, 5382, 5287, 5589, 5550, 5493, 5305, 5481, 5404, 5687, 5312, 5669, 5369, 5397, 5689, 5377, 5641, 5269, 5636, 5646, 5308, 5704, 5327, 5395, 5504, 5253, 5496, 5368, 5512, 5666, 5354, 5378, 5459, 5325, 5373, 5533, 5379, 5616, 5344, 5468, 5361, 5534, 5364, 5667, 5643, 5609, 5612, 5531, 5709 (18 hits)
49	9	1.0	333.0	Yes	5297.0MHz, -63.0dBm	Hop sequence: 5671, 5400, 5592, 5600, 5437, 5448, 5393, 5455, 5568, 5613, 5522, 5446, 5649, 5677, 5506, 5413, 5504, 5405, 5390, 5401, 5450, 5430, 5521, 5585, 5391, 5377, 5593, 5259, 5314, 5312, 5565, 5683, 5555, 5291, 5704, 5497, 5319, 5367, 5268, 5674, 5431, 5316, 5512, 5673, 5439, 5499, 5496, 5452, 5561, 5624, 5481, 5558, 5449, 5517, 5706, 5653, 5701, 5573, 5346, 5490, 5717, 5586, 5482, 5726, 5273, 5684, 5427, 5454, 5370, 5655, 5491, 5477, 5689, 5289, 5612, 5409, 5417, 5307, 5699, 5284, 5337, 5394, 5523, 5303, 5255, 5310, 5279, 5461, 5604, 5465, 5553, 5668, 5639, 5714, 5264, 5628, 5642, 5723, 5283, 5447 (17 hits)
50	9	1.0	333.0	Yes	5298.0MHz, -63.0dBm	Hop sequence: 5594, 5478, 5516, 5720, 5637, 5293, 5483, 5288, 5277, 5444, 5463, 5418, 5665, 5450, 5337, 5402, 5514, 5579, 5490, 5683, 5455, 5476, 5413, 5390, 5367, 5685, 5266, 5678, 5280, 5643, 5681, 5517, 5719, 5380, 5272, 5448, 5295, 5324, 5304, 5333, 5312, 5714, 5268, 5354, 5475, 5481, 5707, 5283, 5357, 5650, 5606, 5599, 5433, 5415, 5711, 5343, 5646, 5327, 5416, 5663, 5605, 5690, 5662, 5622, 5625, 5656, 5587, 5660, 5397, 5503, 5377, 5305, 5336, 5631, 5417, 5595, 5583, 5398, 5559, 5446, 5319, 5578, 5381, 5571, 5406, 5394, 5256, 5297, 5723, 5368, 5688, 5632, 5664, 5617, 5700, 5551, 5411, 5520, 5513, 5515 (17 hits)
51	9	1.0	333.0	Yes	5299.0MHz, -63.0dBm	Hop sequence: 5508, 5411, 5579, 5332, 5696, 5507, 5688, 5606, 5691, 5624, 5280, 5308, 5489, 5324, 5257, 5616, 5292, 5535, 5404, 5488, 5261, 5284, 5689, 5633, 5470, 5552, 5311, 5430, 5581, 5296, 5591, 5264, 5442, 5539, 5349, 5408, 5379, 5271, 5575, 5578, 5511, 5568, 5551, 5365, 5385, 5400, 5601, 5367, 5359, 5283, 5681, 5421, 5544, 5534, 5626, 5467, 5250, 5494, 5305, 5425, 5314, 5256, 5615, 5287, 5399, 5587, 5556, 5341, 5340, 5401, 5459, 5449, 5381, 5628, 5263,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5690, 5584, 5345, 5637, 5638, 5339, 5289, 5473, 5277, 5424, 5501, 5630, 5301, 5266, 5316, 5420, 5597, 5634, 5466, 5560, 5683, 5612, 5513, 5702, 5518 (22 hits)
52	9	1.0	333.0	Yes	5300.0MHz, -63.0dBm	Hop sequence: 5445, 5294, 5653, 5357, 5717, 5575, 5276, 5500, 5450, 5289, 5556, 5693, 5288, 5473, 5494, 5338, 5585, 5424, 5483, 5517, 5641, 5542, 5567, 5726, 5326, 5369, 5535, 5606, 5341, 5284, 5574, 5562, 5475, 5356, 5436, 5533, 5348, 5688, 5481, 5637, 5441, 5447, 5661, 5522, 5644, 5300, 5416, 5257, 5530, 5669, 5659, 5456, 5419, 5274, 5296, 5554, 5651, 5340, 5271, 5256, 5695, 5497, 5282, 5581, 5580, 5507, 5496, 5700, 5474, 5563, 5635, 5561, 5402, 5685, 5658, 5371, 5467, 5485, 5480, 5654, 5378, 5320, 5479, 5679, 5559, 5523, 5251, 5390, 5670, 5401, 5707, 5395, 5321, 5629, 5317, 5267, 5699, 5380, 5566, 5476 (18 hits)
53	9	1.0	333.0	Yes	5301.0MHz, -63.0dBm	Hop sequence: 5310, 5663, 5336, 5634, 5686, 5343, 5548, 5274, 5520, 5471, 5320, 5406, 5622, 5475, 5600, 5670, 5465, 5311, 5258, 5272, 5694, 5519, 5498, 5714, 5518, 5660, 5679, 5269, 5704, 5535, 5712, 5610, 5682, 5273, 5463, 5444, 5627, 5338, 5697, 5565, 5514, 5383, 5711, 5401, 5482, 5659, 5587, 5710, 5505, 5698, 5561, 5319, 5306, 5651, 5398, 5493, 5270, 5509, 5286, 5499, 5547, 5409, 5529, 5539, 5683, 5589, 5344, 5583, 5315, 5611, 5448, 5378, 5724, 5602, 5301, 5446, 5254, 5396, 5536, 5646, 5403, 5421, 5304, 5389, 5640, 5582, 5362, 5391, 5649, 5469, 5440, 5458, 5673, 5524, 5503, 5397, 5371, 5330, 5426, 5349 (16 hits)
54	9	1.0	333.0	Yes	5302.0MHz, -63.0dBm	Hop sequence: 5378, 5610, 5377, 5614, 5588, 5625, 5318, 5699, 5313, 5334, 5500, 5260, 5437, 5305, 5407, 5321, 5636, 5700, 5554, 5705, 5323, 5641, 5262, 5316, 5708, 5478, 5385, 5328, 5597, 5621, 5366, 5565, 5358, 5530, 5353, 5586, 5650, 5716, 5371, 5472, 5493, 5380, 5613, 5389, 5710, 5368, 5474, 5386, 5319, 5672, 5571, 5503, 5258, 5340, 5537, 5275, 5582, 5457, 5285, 5695, 5598, 5630, 5656, 5382, 5564, 5555, 5558, 5481, 5580, 5620, 5496, 5462, 5600, 5449, 5303, 5461, 5332, 5725, 5720, 5593, 5438, 5669, 5442, 5513, 5680, 5508, 5664, 5384, 5501, 5504, 5583, 5627, 5351, 5412, 5591, 5655, 5467, 5264, 5557, 5311 (16 hits)
55	9	1.0	333.0	Yes	5303.0MHz,	Hop sequence: 5422, 5686, 5323, 5516, 5706, 5262, 5268, 5664, 5701,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5336, 5555, 5536, 5626, 5553, 5481, 5565, 5433, 5457, 5259, 5619, 5351, 5288, 5281, 5280, 5411, 5712, 5659, 5570, 5394, 5489, 5303, 5663, 5302, 5359, 5583, 5315, 5708, 5669, 5357, 5380, 5704, 5255, 5535, 5616, 5658, 5639, 5636, 5544, 5419, 5277, 5500, 5319, 5614, 5581, 5590, 5698, 5674, 5635, 5415, 5668, 5474, 5681, 5588, 5700, 5449, 5397, 5490, 5630, 5459, 5666, 5671, 5541, 5715, 5651, 5405, 5409, 5726, 5510, 5428, 5465, 5369, 5498, 5625, 5251, 5350, 5287, 5295, 5617, 5511, 5550, 5670, 5297, 5558, 5523, 5361, 5649, 5603, 5721, 5300, 5328 (19 hits)
56	9	1.0	333.0	Yes	5304.0MHz, -63.0dBm	Hop sequence: 5369, 5475, 5307, 5481, 5592, 5308, 5318, 5395, 5293, 5341, 5456, 5675, 5447, 5256, 5527, 5370, 5517, 5490, 5658, 5324, 5412, 5641, 5363, 5422, 5615, 5512, 5681, 5565, 5372, 5543, 5680, 5678, 5598, 5529, 5496, 5383, 5335, 5709, 5483, 5322, 5559, 5491, 5711, 5623, 5664, 5685, 5505, 5636, 5714, 5724, 5382, 5477, 5654, 5472, 5716, 5562, 5465, 5361, 5461, 5580, 5635, 5518, 5441, 5721, 5666, 5434, 5723, 5276, 5640, 5535, 5350, 5606, 5281, 5582, 5315, 5437, 5381, 5359, 5478, 5616, 5330, 5344, 5457, 5568, 5639, 5433, 5319, 5312, 5629, 5405, 5445, 5553, 5609, 5497, 5495, 5704, 5448, 5392, 5493, 5348 (12 hits)
57	9	1.0	333.0	Yes	5305.0MHz, -63.0dBm	Hop sequence: 5647, 5719, 5297, 5585, 5691, 5570, 5617, 5661, 5670, 5466, 5680, 5287, 5422, 5513, 5699, 5711, 5678, 5551, 5533, 5486, 5263, 5681, 5436, 5536, 5329, 5299, 5610, 5474, 5424, 5590, 5674, 5445, 5268, 5404, 5558, 5521, 5694, 5623, 5717, 5514, 5646, 5598, 5459, 5640, 5352, 5642, 5492, 5506, 5490, 5389, 5625, 5541, 5280, 5367, 5721, 5639, 5275, 5675, 5572, 5567, 5372, 5391, 5300, 5468, 5518, 5393, 5316, 5515, 5512, 5698, 5324, 5576, 5363, 5654, 5304, 5285, 5278, 5565, 5710, 5252, 5332, 5412, 5577, 5636, 5534, 5579, 5310, 5360, 5464, 5604, 5574, 5409, 5462, 5344, 5266, 5603, 5415, 5368, 5583, 5620 (17 hits)
58	9	1.0	333.0	Yes	5306.0MHz, -63.0dBm	Hop sequence: 5641, 5477, 5392, 5677, 5605, 5284, 5400, 5348, 5457, 5717, 5371, 5650, 5595, 5296, 5705, 5538, 5485, 5446, 5614, 5665, 5612, 5681, 5611, 5323, 5528, 5716, 5461, 5593, 5399, 5362, 5349, 5551, 5658, 5292, 5261, 5409, 5459, 5710, 5536, 5533, 5328, 5592, 5589, 5260, 5686, 5491, 5381, 5561, 5370, 5297, 5702,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5350, 5606, 5582, 5557, 5562, 5318, 5679, 5707, 5414, 5584, 5282, 5375, 5575, 5347, 5405, 5566, 5625, 5271, 5464, 5579, 5664, 5689, 5432, 5623, 5531, 5300, 5251, 5680, 5637, 5684, 5445, 5580, 5365, 5442, 5393, 5564, 5320, 5426, 5713, 5482, 5628, 5559, 5651, 5277, 5276, 5262, 5479, 5309, 5385 (18 hits)
59	9	1.0	333.0	Yes	5307.0MHz, -63.0dBm	Hop sequence: 5255, 5343, 5657, 5425, 5551, 5632, 5511, 5541, 5438, 5419, 5674, 5424, 5555, 5337, 5405, 5342, 5514, 5548, 5474, 5679, 5469, 5292, 5525, 5251, 5336, 5303, 5501, 5615, 5680, 5576, 5652, 5624, 5326, 5543, 5391, 5409, 5427, 5563, 5364, 5307, 5282, 5640, 5274, 5319, 5635, 5308, 5302, 5279, 5400, 5318, 5305, 5629, 5617, 5304, 5537, 5332, 5493, 5568, 5286, 5453, 5634, 5599, 5557, 5572, 5459, 5430, 5716, 5491, 5428, 5633, 5591, 5258, 5323, 5655, 5475, 5644, 5440, 5704, 5720, 5384, 5444, 5578, 5386, 5338, 5668, 5538, 5352, 5480, 5267, 5528, 5676, 5413, 5677, 5651, 5653, 5380, 5377, 5608, 5490, 5254 (20 hits)
60	9	1.0	333.0	Yes	5308.0MHz, -63.0dBm	Hop sequence: 5563, 5566, 5290, 5550, 5479, 5716, 5470, 5273, 5504, 5314, 5377, 5569, 5502, 5374, 5556, 5269, 5610, 5459, 5510, 5302, 5477, 5626, 5429, 5305, 5528, 5288, 5699, 5686, 5491, 5414, 5656, 5582, 5579, 5259, 5368, 5641, 5612, 5634, 5320, 5596, 5551, 5620, 5291, 5520, 5430, 5371, 5324, 5496, 5394, 5475, 5715, 5427, 5321, 5277, 5588, 5643, 5595, 5560, 5452, 5468, 5646, 5476, 5708, 5331, 5294, 5348, 5519, 5299, 5670, 5701, 5456, 5355, 5251, 5695, 5448, 5458, 5282, 5671, 5724, 5297, 5460, 5590, 5681, 5406, 5525, 5661, 5568, 5483, 5267, 5310, 5341, 5426, 5441, 5645, 5572, 5286, 5359, 5675, 5350, 5498 (21 hits)
61	9	1.0	333.0	Yes	5309.0MHz, -63.0dBm	Hop sequence: 5351, 5486, 5261, 5419, 5599, 5627, 5597, 5632, 5318, 5458, 5628, 5256, 5286, 5504, 5574, 5295, 5402, 5524, 5659, 5655, 5686, 5674, 5472, 5272, 5481, 5497, 5255, 5308, 5259, 5511, 5287, 5438, 5712, 5679, 5540, 5403, 5408, 5585, 5598, 5339, 5610, 5465, 5367, 5434, 5525, 5446, 5622, 5513, 5323, 5411, 5360, 5273, 5291, 5572, 5355, 5461, 5462, 5304, 5563, 5639, 5695, 5714, 5609, 5395, 5701, 5503, 5333, 5335, 5692, 5426, 5492, 5654, 5430, 5709, 5633, 5694, 5479, 5617, 5680, 5539, 5523, 5515, 5493, 5294, 5715, 5643, 5520, 5624, 5505, 5359, 5700, 5483, 5636,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5554, 5357, 5534, 5697, 5456, 5614, 5469 (15 hits)
62	9	1.0	333.0	Yes	5310.0MHz, -63.0dBm	Hop sequence: 5578, 5308, 5437, 5643, 5346, 5651, 5481, 5685, 5440, 5593, 5594, 5488, 5560, 5518, 5726, 5282, 5640, 5443, 5317, 5418, 5663, 5377, 5464, 5335, 5453, 5513, 5409, 5486, 5706, 5641, 5338, 5646, 5466, 5266, 5406, 5705, 5716, 5661, 5585, 5307, 5501, 5601, 5638, 5302, 5258, 5574, 5549, 5413, 5389, 5689, 5421, 5712, 5460, 5386, 5665, 5315, 5580, 5548, 5265, 5398, 5614, 5719, 5680, 5490, 5699, 5485, 5393, 5650, 5268, 5624, 5573, 5597, 5412, 5509, 5592, 5259, 5438, 5446, 5536, 5427, 5717, 5478, 5634, 5683, 5439, 5487, 5415, 5298, 5475, 5626, 5542, 5301, 5587, 5321, 5348, 5311, 5293, 5256, 5489, 5657 (17 hits)
63	9	1.0	333.0	Yes	5311.0MHz, -63.0dBm	Hop sequence: 5257, 5340, 5323, 5401, 5436, 5354, 5424, 5667, 5494, 5480, 5388, 5265, 5620, 5332, 5621, 5287, 5444, 5557, 5297, 5713, 5463, 5316, 5270, 5341, 5589, 5345, 5663, 5482, 5647, 5616, 5387, 5636, 5582, 5422, 5531, 5606, 5266, 5431, 5635, 5417, 5438, 5309, 5487, 5509, 5281, 5661, 5590, 5275, 5461, 5709, 5383, 5317, 5520, 5261, 5415, 5517, 5477, 5707, 5346, 5360, 5683, 5470, 5523, 5475, 5701, 5379, 5703, 5551, 5665, 5627, 5440, 5577, 5419, 5469, 5290, 5715, 5254, 5506, 5723, 5632, 5268, 5367, 5456, 5390, 5511, 5485, 5691, 5645, 5404, 5459, 5644, 5538, 5272, 5358, 5572, 5302, 5608, 5433, 5253, 5578 (19 hits)
64	9	1.0	333.0	Yes	5312.0MHz, -63.0dBm	Hop sequence: 5657, 5270, 5579, 5585, 5632, 5482, 5330, 5637, 5714, 5476, 5715, 5460, 5573, 5584, 5539, 5633, 5589, 5690, 5724, 5438, 5410, 5319, 5386, 5359, 5577, 5557, 5411, 5663, 5263, 5351, 5339, 5675, 5338, 5394, 5555, 5595, 5534, 5392, 5670, 5644, 5671, 5722, 5480, 5705, 5449, 5252, 5554, 5452, 5342, 5634, 5515, 5669, 5417, 5360, 5289, 5396, 5375, 5492, 5374, 5367, 5327, 5283, 5335, 5473, 5601, 5444, 5583, 5440, 5463, 5421, 5588, 5708, 5409, 5388, 5716, 5382, 5471, 5704, 5387, 5661, 5358, 5641, 5616, 5436, 5456, 5699, 5617, 5385, 5274, 5695, 5352, 5464, 5257, 5726, 5430, 5423, 5292, 5260, 5441, 5273 (12 hits)
65	9	1.0	333.0	Yes	5313.0MHz, -63.0dBm	Hop sequence: 5398, 5374, 5433, 5481, 5454, 5448, 5681, 5615, 5657, 5300, 5563, 5515, 5415, 5607, 5610, 5368, 5423, 5710, 5279, 5693, 5722, 5626, 5522, 5381, 5524, 5673, 5485,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5327, 5308, 5306, 5670, 5472, 5382, 5502, 5585, 5458, 5542, 5665, 5577, 5721, 5647, 5377, 5490, 5697, 5310, 5274, 5654, 5350, 5307, 5662, 5311, 5624, 5251, 5369, 5254, 5283, 5702, 5456, 5604, 5407, 5503, 5677, 5643, 5343, 5674, 5347, 5552, 5717, 5284, 5367, 5323, 5412, 5470, 5409, 5419, 5457, 5658, 5650, 5431, 5538, 5527, 5724, 5277, 5477, 5318, 5534, 5583, 5294, 5362, 5259, 5430, 5384, 5492, 5392, 5544, 5700, 5285, 5396, 5659, 5429 (19 hits)
66	9	1.0	333.0	Yes	5314.0MHz, -63.0dBm	Hop sequence: 5650, 5552, 5455, 5589, 5541, 5566, 5527, 5468, 5584, 5590, 5433, 5702, 5386, 5388, 5669, 5406, 5656, 5611, 5602, 5561, 5568, 5424, 5379, 5531, 5266, 5496, 5560, 5607, 5410, 5324, 5284, 5278, 5342, 5558, 5619, 5667, 5547, 5423, 5485, 5666, 5685, 5263, 5578, 5632, 5594, 5631, 5274, 5299, 5626, 5408, 5349, 5670, 5312, 5425, 5497, 5697, 5621, 5385, 5422, 5498, 5592, 5509, 5615, 5442, 5288, 5389, 5551, 5546, 5722, 5563, 5709, 5392, 5411, 5302, 5605, 5397, 5362, 5574, 5555, 5360, 5704, 5472, 5390, 5634, 5549, 5437, 5683, 5663, 5373, 5713, 5265, 5562, 5378, 5714, 5625, 5484, 5445, 5687, 5630, 5504 (11 hits)
67	9	1.0	333.0	Yes	5315.0MHz, -63.0dBm	Hop sequence: 5569, 5609, 5350, 5368, 5415, 5333, 5613, 5481, 5460, 5531, 5489, 5616, 5591, 5726, 5439, 5697, 5657, 5559, 5570, 5510, 5673, 5458, 5461, 5339, 5624, 5390, 5508, 5275, 5364, 5544, 5686, 5709, 5532, 5265, 5283, 5675, 5537, 5487, 5690, 5296, 5475, 5252, 5705, 5586, 5656, 5563, 5411, 5428, 5327, 5340, 5496, 5713, 5599, 5362, 5343, 5492, 5299, 5628, 5553, 5515, 5483, 5519, 5371, 5445, 5424, 5358, 5374, 5306, 5264, 5455, 5580, 5330, 5470, 5715, 5347, 5384, 5292, 5539, 5266, 5486, 5530, 5351, 5588, 5611, 5594, 5649, 5681, 5395, 5464, 5447, 5550, 5499, 5724, 5618, 5436, 5578, 5574, 5281, 5385, 5363 (12 hits)
68	9	1.0	333.0	Yes	5316.0MHz, -63.0dBm	Hop sequence: 5373, 5640, 5724, 5621, 5359, 5402, 5318, 5672, 5354, 5628, 5661, 5425, 5400, 5319, 5541, 5409, 5335, 5465, 5687, 5680, 5582, 5377, 5696, 5280, 5457, 5367, 5608, 5676, 5382, 5633, 5715, 5533, 5645, 5390, 5252, 5426, 5667, 5673, 5272, 5269, 5321, 5304, 5524, 5445, 5440, 5337, 5498, 5699, 5478, 5655, 5475, 5725, 5441, 5529, 5675, 5677, 5415, 5639, 5488, 5267, 5495, 5467, 5711, 5259, 5718, 5290, 5437, 5707, 5591,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5601, 5713, 5357, 5261, 5338, 5559, 5469, 5434, 5674, 5256, 5552, 5477, 5573, 5431, 5607, 5611, 5563, 5522, 5456, 5362, 5393, 5489, 5690, 5374, 5251, 5560, 5399, 5470, 5630, 5647, 5709 (14 hits)
69	9	1.0	333.0	Yes	5317.0MHz, -63.0dBm	Hop sequence: 5685, 5377, 5621, 5285, 5389, 5437, 5378, 5646, 5652, 5603, 5713, 5649, 5541, 5395, 5507, 5259, 5510, 5681, 5536, 5706, 5471, 5428, 5382, 5642, 5363, 5492, 5344, 5538, 5340, 5534, 5309, 5677, 5686, 5516, 5294, 5651, 5517, 5523, 5345, 5489, 5680, 5420, 5628, 5648, 5593, 5638, 5560, 5488, 5404, 5358, 5668, 5579, 5610, 5433, 5568, 5581, 5714, 5346, 5426, 5258, 5286, 5260, 5594, 5348, 5474, 5702, 5542, 5585, 5710, 5289, 5300, 5661, 5679, 5425, 5270, 5641, 5537, 5355, 5555, 5540, 5325, 5717, 5535, 5473, 5347, 5328, 5701, 5502, 5350, 5468, 5278, 5670, 5495, 5607, 5674, 5427, 5654, 5317, 5549, 5500 (14 hits)
70	9	1.0	333.0	Yes	5318.0MHz, -63.0dBm	Hop sequence: 5328, 5617, 5312, 5258, 5361, 5332, 5290, 5724, 5698, 5673, 5445, 5512, 5726, 5568, 5521, 5588, 5327, 5721, 5274, 5281, 5590, 5321, 5509, 5697, 5326, 5579, 5705, 5441, 5369, 5574, 5479, 5314, 5665, 5570, 5525, 5414, 5366, 5596, 5646, 5638, 5686, 5386, 5723, 5625, 5336, 5376, 5353, 5573, 5422, 5670, 5288, 5305, 5587, 5304, 5575, 5494, 5688, 5535, 5277, 5656, 5632, 5291, 5367, 5461, 5550, 5667, 5416, 5613, 5293, 5251, 5557, 5348, 5409, 5489, 5652, 5539, 5456, 5635, 5642, 5294, 5469, 5470, 5303, 5373, 5262, 5558, 5542, 5485, 5599, 5538, 5419, 5270, 5257, 5325, 5718, 5460, 5317, 5279, 5523, 5595 (25 hits)
71	9	1.0	333.0	Yes	5319.0MHz, -63.0dBm	Hop sequence: 5540, 5467, 5437, 5466, 5571, 5281, 5254, 5452, 5604, 5556, 5654, 5639, 5714, 5463, 5387, 5521, 5297, 5557, 5442, 5548, 5267, 5363, 5334, 5340, 5392, 5290, 5592, 5375, 5262, 5474, 5295, 5652, 5338, 5251, 5496, 5260, 5339, 5322, 5454, 5498, 5622, 5421, 5450, 5618, 5506, 5562, 5564, 5278, 5289, 5710, 5527, 5559, 5293, 5268, 5576, 5528, 5699, 5687, 5684, 5578, 5426, 5385, 5368, 5653, 5706, 5515, 5331, 5288, 5407, 5582, 5591, 5470, 5675, 5447, 5538, 5413, 5593, 5461, 5306, 5292, 5535, 5494, 5674, 5298, 5472, 5455, 5581, 5325, 5404, 5253, 5408, 5504, 5424, 5374, 5354, 5600, 5371, 5660, 5475, 5277 (21 hits)
72	9	1.0	333.0	Yes	5320.0MHz,	Hop sequence: 5401, 5373, 5501,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
					-63.0dBm	5554, 5580, 5432, 5531, 5397, 5347, 5453, 5251, 5385, 5324, 5570, 5409, 5262, 5438, 5410, 5464, 5628, 5420, 5640, 5396, 5264, 5296, 5388, 5352, 5456, 5320, 5638, 5612, 5291, 5495, 5604, 5560, 5635, 5427, 5277, 5558, 5516, 5703, 5479, 5536, 5682, 5327, 5683, 5372, 5461, 5425, 5337, 5675, 5706, 5439, 5455, 5695, 5474, 5609, 5591, 5348, 5362, 5669, 5680, 5285, 5298, 5701, 5266, 5462, 5577, 5552, 5513, 5463, 5473, 5666, 5375, 5261, 5442, 5259, 5460, 5636, 5586, 5387, 5685, 5698, 5368, 5293, 5414, 5294, 5651, 5605, 5594, 5634, 5286, 5667, 5625, 5587, 5434, 5265, 5349, 5707, 5290 (19 hits)
73	9	1.0	333.0	Yes	5321.0MHz, -63.0dBm	Hop sequence: 5466, 5613, 5714, 5585, 5390, 5620, 5451, 5366, 5689, 5597, 5252, 5577, 5538, 5276, 5358, 5312, 5293, 5296, 5506, 5480, 5444, 5412, 5334, 5517, 5637, 5468, 5452, 5460, 5608, 5401, 5634, 5602, 5581, 5641, 5274, 5267, 5253, 5574, 5594, 5429, 5272, 5385, 5306, 5416, 5524, 5617, 5580, 5283, 5610, 5615, 5679, 5435, 5643, 5260, 5558, 5531, 5606, 5490, 5611, 5456, 5319, 5636, 5461, 5484, 5603, 5724, 5476, 5368, 5474, 5621, 5399, 5310, 5406, 5530, 5392, 5543, 5300, 5682, 5317, 5699, 5675, 5564, 5639, 5550, 5326, 5298, 5667, 5407, 5299, 5652, 5688, 5557, 5661, 5462, 5477, 5329, 5628, 5338, 5425, 5707 (20 hits)
74	9	1.0	333.0	Yes	5322.0MHz, -63.0dBm	Hop sequence: 5327, 5512, 5553, 5683, 5350, 5656, 5304, 5285, 5557, 5488, 5386, 5368, 5344, 5303, 5442, 5279, 5356, 5302, 5355, 5283, 5517, 5692, 5636, 5440, 5252, 5391, 5710, 5503, 5369, 5385, 5613, 5509, 5407, 5329, 5421, 5316, 5323, 5640, 5381, 5540, 5319, 5309, 5722, 5533, 5317, 5383, 5405, 5458, 5480, 5649, 5605, 5565, 5393, 5419, 5493, 5294, 5459, 5274, 5446, 5251, 5589, 5698, 5706, 5352, 5311, 5575, 5611, 5537, 5371, 5280, 5315, 5441, 5318, 5654, 5429, 5290, 5534, 5398, 5569, 5638, 5694, 5697, 5414, 5284, 5639, 5677, 5342, 5612, 5308, 5714, 5377, 5417, 5627, 5663, 5508, 5438, 5330, 5396, 5432, 5456 (24 hits)
75	9	1.0	333.0	Yes	5323.0MHz, -63.0dBm	Hop sequence: 5403, 5515, 5716, 5434, 5477, 5348, 5362, 5308, 5629, 5635, 5429, 5555, 5610, 5256, 5381, 5686, 5648, 5662, 5440, 5432, 5666, 5301, 5487, 5521, 5628, 5404, 5603, 5382, 5596, 5276, 5279, 5426, 5269, 5421, 5340, 5591, 5497, 5561, 5562, 5704, 5353, 5590, 5676, 5537, 5499,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5374, 5298, 5691, 5572, 5384, 5389, 5294, 5458, 5349, 5532, 5435, 5707, 5637, 5431, 5584, 5660, 5337, 5604, 5417, 5500, 5350, 5418, 5703, 5580, 5433, 5688, 5671, 5443, 5410, 5568, 5695, 5507, 5399, 5585, 5597, 5346, 5255, 5473, 5262, 5318, 5471, 5288, 5718, 5416, 5467, 5313, 5286, 5675, 5504, 5595, 5425, 5446, 5454, 5287, 5360 (15 hits)
76	9	1.0	333.0	Yes	5324.0MHz, -63.0dBm	Hop sequence: 5421, 5658, 5340, 5699, 5548, 5501, 5283, 5326, 5266, 5286, 5270, 5280, 5615, 5620, 5680, 5260, 5650, 5410, 5603, 5394, 5511, 5590, 5455, 5507, 5403, 5320, 5519, 5355, 5610, 5512, 5298, 5679, 5575, 5480, 5514, 5526, 5302, 5439, 5677, 5588, 5589, 5335, 5708, 5389, 5288, 5635, 5312, 5566, 5693, 5461, 5521, 5274, 5643, 5457, 5555, 5584, 5452, 5684, 5401, 5357, 5649, 5715, 5343, 5724, 5381, 5640, 5714, 5258, 5478, 5251, 5347, 5568, 5713, 5668, 5289, 5645, 5701, 5613, 5437, 5443, 5509, 5466, 5316, 5363, 5369, 5374, 5400, 5254, 5442, 5547, 5488, 5636, 5380, 5404, 5293, 5472, 5470, 5265, 5498, 5703 (20 hits)
77	9	1.0	333.0	Yes	5325.0MHz, -63.0dBm	Hop sequence: 5337, 5719, 5250, 5578, 5371, 5707, 5620, 5458, 5628, 5303, 5423, 5439, 5405, 5676, 5665, 5543, 5296, 5579, 5640, 5700, 5713, 5280, 5408, 5292, 5526, 5475, 5340, 5612, 5395, 5535, 5506, 5298, 5477, 5335, 5339, 5319, 5360, 5436, 5410, 5659, 5279, 5631, 5583, 5397, 5708, 5595, 5717, 5690, 5253, 5504, 5589, 5471, 5627, 5305, 5702, 5565, 5400, 5581, 5648, 5390, 5386, 5623, 5662, 5429, 5500, 5406, 5532, 5382, 5385, 5723, 5344, 5289, 5718, 5377, 5295, 5558, 5343, 5624, 5329, 5309, 5307, 5264, 5562, 5357, 5709, 5355, 5604, 5402, 5545, 5256, 5456, 5333, 5370, 5482, 5306, 5434, 5364, 5588, 5443, 5332 (17 hits)
78	9	1.0	333.0	Yes	5326.0MHz, -63.0dBm	Hop sequence: 5369, 5382, 5277, 5259, 5269, 5605, 5645, 5346, 5287, 5567, 5586, 5716, 5435, 5626, 5275, 5336, 5571, 5518, 5452, 5313, 5492, 5722, 5301, 5375, 5568, 5447, 5459, 5725, 5334, 5673, 5258, 5307, 5428, 5431, 5512, 5510, 5488, 5726, 5320, 5387, 5460, 5315, 5385, 5633, 5451, 5353, 5378, 5476, 5679, 5636, 5373, 5589, 5662, 5340, 5306, 5717, 5514, 5675, 5659, 5707, 5293, 5630, 5445, 5311, 5391, 5374, 5288, 5390, 5402, 5395, 5386, 5253, 5712, 5558, 5420, 5351, 5640, 5371, 5498, 5520, 5563, 5665, 5494, 5582, 5588, 5713, 5591,

Table 92 - FCC frequency hopping radar (Type 6) Results ac80 mode

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5554, 5436, 5619, 5354, 5616, 5666, 5553, 5325, 5661, 5418, 5499, 5508, 5380 (17 hits)
79	9	1.0	333.0	Yes	5327.0MHz, -63.0dBm	Hop sequence: 5579, 5257, 5389, 5448, 5690, 5454, 5441, 5331, 5549, 5417, 5364, 5272, 5368, 5349, 5451, 5427, 5418, 5396, 5509, 5265, 5661, 5375, 5666, 5492, 5410, 5261, 5673, 5526, 5325, 5312, 5561, 5382, 5296, 5718, 5545, 5639, 5488, 5293, 5355, 5251, 5598, 5507, 5353, 5670, 5546, 5290, 5605, 5407, 5462, 5557, 5680, 5516, 5415, 5343, 5414, 5541, 5613, 5665, 5394, 5713, 5624, 5356, 5606, 5506, 5409, 5552, 5374, 5456, 5707, 5699, 5301, 5273, 5548, 5408, 5708, 5317, 5491, 5253, 5722, 5457, 5711, 5511, 5580, 5602, 5555, 5609, 5505, 5592, 5285, 5469, 5653, 5340, 5282, 5440, 5515, 5474, 5494, 5581, 5429, 5379 (16 hits)

Table 93 - Long Sequence Waveform Summary ac80 mode

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	NOT Detected	5290.0MHz, -63.0dBm
Trial #2	Detected	5290.0MHz, -63.0dBm
Trial #3	Detected	5290.0MHz, -63.0dBm
Trial #4	Detected	5290.0MHz, -63.0dBm
Trial #5	Detected	5290.0MHz, -63.0dBm
Trial #6	Detected	5290.0MHz, -63.0dBm
Trial #7	Detected	5290.0MHz, -63.0dBm
Trial #8	Detected	5290.0MHz, -63.0dBm
Trial #9	Detected	5290.0MHz, -63.0dBm
Trial #10	Detected	5290.0MHz, -63.0dBm
Trial #11	Detected	5290.0MHz, -63.0dBm
Trial #12	Detected	5290.0MHz, -63.0dBm
Trial #13	Detected	5285.0MHz, -63.0dBm
Trial #14	Detected	5280.0MHz, -63.0dBm
Trial #15	Detected	5275.0MHz, -63.0dBm
Trial #16	Detected	5270.0MHz, -63.0dBm
Trial #17	Detected	5265.0MHz, -63.0dBm
Trial #18	Detected	5260.0MHz, -63.0dBm
Trial #19	Detected	5320.0MHz, -63.0dBm
Trial #20	Detected	5315.0MHz, -63.0dBm
Trial #21	Detected	5310.0MHz, -63.0dBm
Trial #22	Detected	5305.0MHz, -63.0dBm
Trial #23	Detected	5300.0MHz, -63.0dBm
Trial #24	NOT Detected	5295.0MHz, -63.0dBm
Trial #25	Detected	5290.0MHz, -63.0dBm
Trial #26	Detected	5290.0MHz, -63.0dBm
Trial #27	Detected	5290.0MHz, -63.0dBm
Trial #28	Detected	5290.0MHz, -63.0dBm
Trial #29	Detected	5290.0MHz, -63.0dBm
Trial #30	Detected	5290.0MHz, -63.0dBm

Table 94 - Long Sequence Waveform Trial#1 (NOT Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.5	12	1645.0	-	0.692854
2	2	97.6	9	1243.0	-	1.371217
3	2	64.0	14	1504.0	-	2.604581
4	2	94.1	10	1131.0	-	3.146322
5	2	67.8	5	1932.0	-	4.410002
6	2	53.5	8	1750.0	-	4.908226
7	1	61.9	11	-	-	5.997645
8	2	72.6	9	1291.0	-	6.521773
9	2	91.1	10	1023.0	-	7.718545
10	1	95.3	20	-	-	9.139462
11	3	86.1	7	1476.0	1711.0	9.507714
12	2	74.5	8	1842.0	-	10.947675
13	3	98.1	18	1796.0	1926.0	11.091655

Table 95 - Long Sequence Waveform Trial#2 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	52.0	13	1361.0	-	0.606260
2	1	52.7	19	-	-	1.625301
3	1	50.2	10	-	-	2.638152
4	3	56.5	15	1696.0	1955.0	3.962339
5	2	67.4	9	1070.0	-	4.404186
6	2	90.9	15	1879.0	-	5.722084
7	2	81.7	17	1208.0	-	6.342512
8	1	63.7	13	-	-	7.680644
9	2	55.8	18	1357.0	-	8.614992
10	2	87.1	9	1578.0	-	9.519965
11	2	97.5	8	1545.0	-	10.460130
12	2	87.1	14	1730.0	-	11.733168

Table 96 - Long Sequence Waveform Trial#3 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	97.1	13	1735.0	1733.0	0.994732
2	1	96.6	11	-	-	2.715866
3	2	65.8	11	1878.0	-	3.985490
4	1	81.4	5	-	-	5.252911
5	2	93.3	20	1598.0	-	6.723617
6	2	80.7	17	1939.0	-	8.583038
7	1	63.7	17	-	-	10.121171
8	1	74.0	20	-	-	10.934086

Table 97 - Long Sequence Waveform Trial#4 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	73.9	11	1505.0	1317.0	0.090134
2	1	57.0	8	-	-	1.025190
3	2	51.6	18	1770.0	-	1.742537
4	2	61.7	7	1854.0	-	2.450121
5	1	63.1	14	-	-	2.992301
6	3	80.6	8	1926.0	1665.0	3.382836
7	2	95.6	15	1113.0	-	4.167116
8	1	79.8	11	-	-	4.772157
9	3	57.9	14	1402.0	1977.0	5.977970
10	2	66.2	12	1748.0	-	6.337851
11	3	78.7	19	1986.0	1298.0	6.896530
12	2	71.2	19	1154.0	-	7.599932
13	2	69.1	11	1282.0	-	8.299394
14	2	96.4	16	1797.0	-	9.243499
15	3	69.7	19	1425.0	1543.0	9.699248
16	2	99.0	15	1150.0	-	10.503698
17	3	76.5	6	1590.0	1073.0	10.898988
18	2	79.4	17	1232.0	-	11.868787

Table 98 - Long Sequence Waveform Trial#5 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.8	18	1265.0	-	0.676339
2	2	54.8	13	1474.0	-	1.066806
3	1	67.1	16	-	-	2.129367
4	3	60.6	10	1452.0	1599.0	2.936801
5	2	68.3	8	1805.0	-	3.806812
6	2	62.4	13	1230.0	-	4.562617
7	2	61.4	5	1838.0	-	5.153240
8	3	85.9	14	1236.0	1508.0	6.695900
9	1	76.2	6	-	-	7.385529
10	1	77.2	7	-	-	8.030300
11	3	70.4	5	1035.0	1391.0	8.777437
12	1	52.8	9	-	-	10.052426
13	1	71.6	5	-	-	10.833380
14	2	63.3	8	1189.0	-	11.471638

Table 99 - Long Sequence Waveform Trial#6 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	76.9	8	-	-	0.801904
2	3	63.8	19	1128.0	1664.0	1.595432
3	1	65.1	20	-	-	3.254693
4	2	74.6	5	1759.0	-	4.858054
5	2	95.9	13	1159.0	-	6.625739
6	1	81.9	15	-	-	6.785007
7	3	84.7	10	1766.0	1889.0	8.294300
8	3	66.0	15	1354.0	1126.0	10.027407
9	1	96.8	12	-	-	11.078853

Table 100 - Long Sequence Waveform Trial#7 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.6	11	1848.0	-	0.139090
2	1	51.8	5	-	-	1.636470
3	2	98.7	7	1528.0	-	2.451000
4	2	87.6	12	1706.0	-	3.400172
5	1	92.0	7	-	-	4.486027
6	2	60.3	17	1738.0	-	5.772444
7	3	92.3	12	1089.0	1722.0	6.343829
8	1	69.8	12	-	-	7.326417
9	2	77.4	12	1003.0	-	8.244808
10	1	75.6	10	-	-	9.228526
11	2	51.3	6	1964.0	-	10.144437
12	3	55.3	6	1639.0	1682.0	11.182587

Table 101 - Long Sequence Waveform Trial#8 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.3	8	1521.0	-	0.807699
2	3	92.4	20	1562.0	1495.0	1.392761
3	3	87.6	6	1921.0	1264.0	3.330974
4	3	79.4	16	1287.0	1428.0	4.691528
5	3	77.8	18	1235.0	1296.0	5.387052
6	2	98.3	12	1167.0	-	6.915776
7	1	62.9	17	-	-	7.229787
8	3	71.0	15	1626.0	1282.0	8.878883
9	2	68.2	20	1082.0	-	9.875315
10	2	62.6	17	1347.0	-	10.900073

Table 102 - Long Sequence Waveform Trial#9 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	51.4	14	1208.0	1442.0	0.041926
2	2	84.3	17	1162.0	-	1.395640
3	2	59.0	9	1577.0	-	2.773799
4	1	84.2	7	-	-	3.803436
5	2	70.5	13	1710.0	-	5.202257
6	2	97.9	6	1420.0	-	6.577264
7	3	93.4	5	1760.0	1691.0	7.571279
8	2	72.3	20	1397.0	-	9.142346
9	1	73.7	19	-	-	9.843514
10	2	54.3	10	1323.0	-	11.824729

Table 103 - Long Sequence Waveform Trial#10 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.4	18	1310.0	-	0.671210
2	2	55.2	6	1737.0	-	0.995090
3	3	98.6	8	1745.0	1094.0	1.795001
4	3	93.7	10	1510.0	1617.0	3.159931
5	3	51.1	7	1759.0	1610.0	3.981723
6	3	68.2	15	1672.0	1345.0	4.458825
7	2	95.9	12	1324.0	-	5.007425
8	3	99.5	15	1631.0	1084.0	6.103805
9	3	99.9	19	1694.0	1147.0	7.114506
10	2	57.0	10	1910.0	-	7.379473
11	2	72.6	13	1045.0	-	8.010038
12	2	88.0	8	1711.0	-	8.837792
13	3	64.0	16	1294.0	1062.0	9.660269
14	3	75.6	6	1519.0	1278.0	11.152476
15	2	58.5	18	1669.0	-	11.978312

Table 104 - Long Sequence Waveform Trial#11 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	73.4	10	-	-	0.562229
2	1	50.0	14	-	-	1.801047
3	3	88.6	6	1961.0	1420.0	2.314902
4	2	70.9	5	1981.0	-	3.115736
5	2	50.2	14	1838.0	-	4.650944
6	2	58.5	13	1525.0	-	5.865169
7	2	78.7	19	1747.0	-	6.127096
8	2	80.4	15	1934.0	-	7.117634
9	2	99.9	7	1230.0	-	8.217575
10	2	86.3	5	1963.0	-	9.234576
11	1	78.0	17	-	-	10.612794
12	2	96.1	16	1062.0	-	11.355622

Table 105 - Long Sequence Waveform Trial#12 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	97.6	18	1745.0	-	0.736970
2	3	55.8	11	1036.0	1115.0	2.007001
3	1	78.0	13	-	-	3.251640
4	2	74.4	7	1235.0	-	4.084663
5	1	69.8	5	-	-	5.213878
6	2	88.0	10	1974.0	-	6.268695
7	2	91.4	19	1235.0	-	6.570642
8	2	61.0	6	1580.0	-	8.005836
9	2	79.5	5	1731.0	-	9.358586
10	2	89.8	10	1448.0	-	10.351541
11	2	85.6	7	1296.0	-	11.652912

Table 106 - Long Sequence Waveform Trial#13 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	92.5	17	1112.0	1433.0	1.226705
2	3	62.8	12	1965.0	1410.0	2.614409
3	1	82.9	11	-	-	2.750168
4	3	92.2	14	1804.0	1787.0	4.511124
5	2	51.9	19	1778.0	-	5.681812
6	2	73.6	10	1544.0	-	6.971601
7	1	71.9	11	-	-	8.149537
8	3	68.2	9	1505.0	1916.0	9.914557
9	2	72.9	10	1798.0	-	11.953210

Table 107 - Long Sequence Waveform Trial#14 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	63.4	13	1016.0	1663.0	0.731345
2	1	54.0	12	-	-	1.574409
3	2	89.2	11	1985.0	-	2.235238
4	2	86.4	13	1112.0	-	2.907623
5	2	95.6	15	1505.0	-	4.194981
6	1	56.9	13	-	-	4.448855
7	2	85.8	6	1139.0	-	5.415552
8	2	88.0	16	1191.0	-	6.586193
9	1	85.7	14	-	-	7.524916
10	2	58.5	13	1472.0	-	7.904949
11	1	69.1	9	-	-	8.851911
12	3	70.2	9	1020.0	1809.0	9.899479
13	2	75.1	19	1366.0	-	10.852501
14	1	54.6	11	-	-	11.596628

Table 108 - Long Sequence Waveform Trial#15 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.8	17	1726.0	-	0.306047
2	1	78.2	18	-	-	1.196660
3	1	87.7	15	-	-	2.094625
4	2	74.9	12	1873.0	-	2.386236
5	3	88.6	6	1713.0	1969.0	3.319520
6	2	80.5	6	1146.0	-	3.860564
7	2	89.6	18	1733.0	-	4.357663
8	1	86.3	10	-	-	5.031019
9	2	75.8	20	1592.0	-	5.974552
10	3	61.8	12	1559.0	1222.0	6.888358
11	2	57.8	14	1723.0	-	7.255116
12	2	58.9	6	1688.0	-	8.264728
13	2	71.6	15	1154.0	-	8.741402
14	1	56.1	14	-	-	9.395525
15	2	71.4	19	1646.0	-	10.466989
16	2	72.8	16	1328.0	-	10.960473
17	1	51.6	18	-	-	11.554872

Table 109 - Long Sequence Waveform Trial#16 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	85.5	9	1490.0	1747.0	0.993957
2	2	97.1	15	1316.0	-	1.245422
3	2	70.3	13	1762.0	-	2.978157
4	2	69.1	9	1190.0	-	3.653751
5	3	68.2	12	1328.0	1884.0	5.234957
6	2	80.9	16	1900.0	-	5.512805
7	2	87.3	15	1226.0	-	6.616579
8	2	90.2	14	1482.0	-	7.737125
9	2	68.0	17	1786.0	-	9.245039
10	2	90.9	15	1117.0	-	10.847886
11	3	89.8	11	1226.0	1646.0	11.354149

Table 110 - Long Sequence Waveform Trial#17 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	97.1	5	1156.0	-	0.555757
2	1	62.4	15	-	-	1.015323
3	2	67.7	13	1665.0	-	1.205048
4	3	90.6	11	1432.0	1541.0	1.878807
5	3	59.9	16	1084.0	1017.0	2.454160
6	1	96.9	8	-	-	3.120524
7	2	88.0	7	1996.0	-	4.194358
8	2	62.2	14	1277.0	-	4.638664
9	2	86.0	16	1891.0	-	5.244060
10	1	93.8	13	-	-	5.988285
11	2	61.1	18	1837.0	-	6.361095
12	2	59.1	14	1663.0	-	6.943920
13	2	94.6	6	1775.0	-	7.484292
14	1	96.3	15	-	-	8.354970
15	2	52.0	16	1568.0	-	8.474877
16	2	96.5	9	1482.0	-	9.508926
17	3	77.7	8	1604.0	1992.0	9.994820
18	3	59.5	13	1856.0	1689.0	10.264269
19	2	88.7	6	1004.0	-	11.094816
20	1	88.5	14	-	-	11.636622

Table 111 - Long Sequence Waveform Trial#18 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.8	16	1888.0	-	0.458867
2	1	68.3	8	-	-	2.044884
3	2	72.8	16	1276.0	-	3.414810
4	2	96.7	17	1108.0	-	3.890772
5	2	87.2	17	1941.0	-	5.031862
6	2	79.7	15	1880.0	-	6.121627
7	1	83.4	7	-	-	7.727904
8	3	66.4	6	1597.0	1552.0	8.857020
9	2	82.9	8	1109.0	-	10.591005
10	1	98.5	19	-	-	11.463189

Table 112 - Long Sequence Waveform Trial#19 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.5	17	1039.0	-	0.627453
2	2	69.1	18	1203.0	-	1.795574
3	2	90.6	20	1696.0	-	3.816060
4	2	77.0	7	1849.0	-	4.876759
5	1	80.1	16	-	-	6.631260
6	2	64.6	8	1066.0	-	6.898350
7	1	85.7	15	-	-	9.248238
8	1	55.7	7	-	-	10.503751
9	2	78.3	19	1820.0	-	11.450133

Table 113 - Long Sequence Waveform Trial#20 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.6	15	1470.0	-	0.525129
2	1	99.0	18	-	-	1.784477
3	2	91.6	12	1832.0	-	3.143606
4	2	78.4	18	1604.0	-	4.687197
5	3	78.3	11	1112.0	1885.0	6.513777
6	3	80.5	7	1874.0	1799.0	7.571135
7	2	74.8	15	1786.0	-	9.081606
8	2	71.2	7	1075.0	-	10.183779
9	3	71.8	15	1142.0	1477.0	11.031950

Table 114 - Long Sequence Waveform Trial#21 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	60.1	15	1730.0	1117.0	0.918726
2	3	50.3	10	1306.0	1261.0	2.125041
3	1	50.3	7	-	-	3.002479
4	2	89.0	10	1551.0	-	5.596811
5	1	57.6	12	-	-	7.148808
6	2	91.5	14	1076.0	-	8.982262
7	3	97.5	19	1845.0	1488.0	10.444610
8	2	76.7	15	1410.0	-	11.607486

Table 115 - Long Sequence Waveform Trial#22 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	85.7	13	1152.0	1337.0	0.550217
2	2	87.5	11	1094.0	-	0.826122
3	2	64.8	18	1712.0	-	1.846725
4	2	63.9	18	1096.0	-	3.117919
5	2	82.6	12	1738.0	-	3.709988
6	2	96.7	11	1349.0	-	4.233251
7	1	85.2	13	-	-	4.917802
8	2	77.3	10	1482.0	-	5.909080
9	3	74.3	17	1157.0	1060.0	6.751104
10	2	62.4	15	1231.0	-	7.639112
11	1	70.8	13	-	-	8.043392
12	3	63.3	6	1759.0	1515.0	8.904146
13	2	75.7	10	1207.0	-	9.721373
14	3	86.3	18	1691.0	1755.0	10.730810
15	2	92.3	11	1389.0	-	11.308761

Table 116 - Long Sequence Waveform Trial#23 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	62.8	9	-	-	0.231785
2	3	86.9	15	1633.0	1216.0	1.020764
3	1	90.7	18	-	-	1.855449
4	3	92.0	13	1253.0	1113.0	2.023014
5	3	92.9	10	1749.0	1083.0	3.296940
6	1	71.8	5	-	-	3.749243
7	2	79.1	10	1310.0	-	4.540867
8	2	99.8	18	1037.0	-	4.972829
9	1	97.7	18	-	-	5.988626
10	1	99.2	7	-	-	6.401461
11	3	83.6	5	1524.0	1748.0	6.922137
12	2	84.1	8	1267.0	-	7.958774
13	1	94.8	9	-	-	8.613224
14	2	73.1	9	1344.0	-	9.145519
15	1	70.3	9	-	-	9.815520
16	1	62.7	9	-	-	10.482249
17	1	93.9	7	-	-	11.011495
18	2	97.1	11	1892.0	-	11.934732

Table 117 - Long Sequence Waveform Trial#24 (NOT Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	92.3	12	1676.0	1390.0	0.045974
2	3	83.0	12	1022.0	1644.0	1.425383
3	2	96.0	15	1974.0	-	3.102471
4	2	84.3	11	1735.0	-	4.068929
5	1	69.3	5	-	-	5.748729
6	2	89.5	12	1466.0	-	6.114244
7	1	53.1	16	-	-	7.715577
8	2	62.5	14	1522.0	-	8.686861
9	2	72.5	5	1708.0	-	10.360830
10	1	94.7	9	-	-	11.940736

Table 118 - Long Sequence Waveform Trial#25 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	63.6	9	-	-	0.465651
2	3	57.9	12	1057.0	1206.0	1.372890
3	1	65.7	10	-	-	1.557435
4	1	72.6	8	-	-	2.156653
5	3	69.9	18	1253.0	1746.0	3.016050
6	1	77.3	7	-	-	3.882362
7	1	78.8	8	-	-	4.629937
8	1	83.3	10	-	-	5.240441
9	3	97.6	17	1008.0	1779.0	6.152794
10	3	80.9	12	1304.0	1335.0	6.550220
11	2	50.0	20	1014.0	-	7.751824
12	2	88.3	9	1535.0	-	7.890734
13	1	76.8	7	-	-	8.620356
14	2	95.2	14	1781.0	-	9.640514
15	2	66.4	9	1954.0	-	9.964301
16	1	96.9	14	-	-	10.693184
17	2	99.9	16	1514.0	-	11.382982

Table 119 - Long Sequence Waveform Trial#26 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	90.4	15	1520.0	-	0.583001
2	3	80.7	5	1624.0	1214.0	1.821087
3	2	61.5	13	1099.0	-	2.171504
4	2	59.8	12	1254.0	-	3.037902
5	2	81.4	15	1950.0	-	3.986699
6	1	71.1	9	-	-	5.395632
7	3	77.9	18	1354.0	1276.0	5.598621
8	3	84.4	17	1634.0	1365.0	7.269778
9	2	57.5	10	1464.0	-	7.416661
10	3	97.4	9	1791.0	1661.0	9.166285
11	2	64.6	5	1860.0	-	10.124021
12	2	83.1	8	1090.0	-	10.862234
13	2	66.0	11	1642.0	-	11.514230

Table 120 - Long Sequence Waveform Trial#27 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.2	20	1281.0	-	0.269932
2	1	70.7	18	-	-	1.137660
3	3	66.8	8	1889.0	1207.0	2.344552
4	3	69.2	20	1389.0	1644.0	2.818945
5	3	79.8	5	1920.0	1157.0	3.855225
6	2	58.1	13	1753.0	-	4.219552
7	3	75.6	19	1280.0	1417.0	5.520200
8	3	54.5	7	1670.0	1675.0	6.291253
9	3	86.2	17	1612.0	1588.0	7.000929
10	2	67.8	18	1411.0	-	7.269552
11	3	88.8	5	1321.0	1304.0	8.001845
12	3	60.8	7	1699.0	1443.0	9.309526
13	3	82.1	12	1561.0	1897.0	10.261568
14	2	72.9	15	1552.0	-	10.668993
15	2	81.1	14	1697.0	-	11.929048

Table 121 - Long Sequence Waveform Trial#28 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	68.0	17	-	-	0.479915
2	3	57.0	19	1476.0	1463.0	1.151259
3	1	99.6	8	-	-	1.926741
4	2	66.5	7	1037.0	-	2.301886
5	3	55.6	9	1231.0	1754.0	3.267415
6	2	92.6	5	1096.0	-	3.914763
7	3	84.4	16	1935.0	1019.0	4.311230
8	2	57.2	13	1403.0	-	4.786292
9	1	90.2	10	-	-	5.558570
10	2	58.4	15	1694.0	-	6.487152
11	2	53.5	18	1425.0	-	6.736384
12	2	54.5	10	1194.0	-	7.368855
13	2	92.8	20	1772.0	-	8.555425
14	2	66.9	12	1027.0	-	8.702135
15	3	78.9	20	1465.0	1321.0	9.400621
16	1	69.0	18	-	-	10.154119
17	1	57.3	9	-	-	10.799703
18	3	69.0	11	1562.0	1223.0	11.609846

Table 122 - Long Sequence Waveform Trial#29 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.0	6	1431.0	-	0.660045
2	3	79.2	8	1776.0	1685.0	1.473322
3	2	64.8	11	1431.0	-	2.807383
4	2	95.5	7	1536.0	-	3.796604
5	1	67.8	11	-	-	4.028730
6	2	85.6	14	1468.0	-	5.835751
7	1	98.4	19	-	-	6.576528
8	2	88.2	13	1471.0	-	7.487798
9	2	53.6	8	1930.0	-	8.848430
10	1	95.6	13	-	-	9.684410
11	1	70.7	10	-	-	10.316862
12	1	55.0	10	-	-	11.767948

Table 123 - Long Sequence Waveform Trial#30 (Detected) ac80 mode

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	69.7	14	-	-	0.299882
2	1	68.1	8	-	-	1.357135
3	2	93.4	16	1959.0	-	2.017714
4	2	78.7	7	1912.0	-	2.793304
5	3	73.2	19	1084.0	1243.0	3.291065
6	2	99.3	19	1193.0	-	4.089373
7	1	51.4	19	-	-	4.909193
8	2	51.2	7	1952.0	-	4.993101
9	3	90.1	17	1559.0	1194.0	6.144170
10	3	87.5	18	1969.0	1542.0	6.841405
11	3	70.4	9	1353.0	1971.0	7.514129
12	2	69.3	6	1588.0	-	8.392542
13	3	74.5	6	1879.0	1262.0	8.713663
14	3	78.0	15	1915.0	1718.0	9.386178
15	3	87.7	9	1718.0	1989.0	10.309857
16	2	83.3	7	1102.0	-	11.168858
17	2	68.7	13	1906.0	-	11.624512

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	2.6 ms	60 ms	0.9 s	10 s	Pass

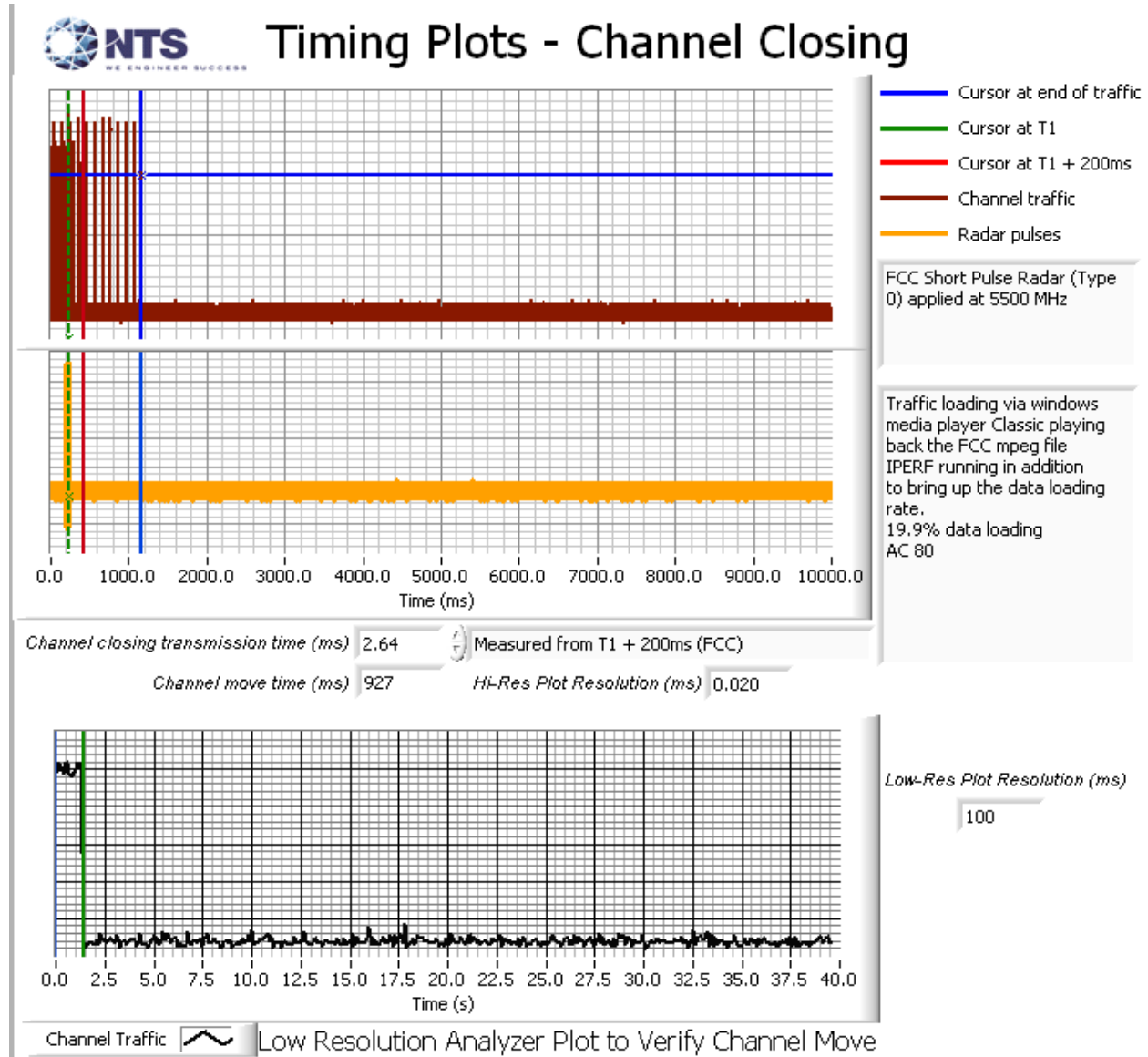


Figure 12 Channel Closing Time and Channel Move Time (ac80 mode) – 40 second plot

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.

Timing Plots - Channel Closing

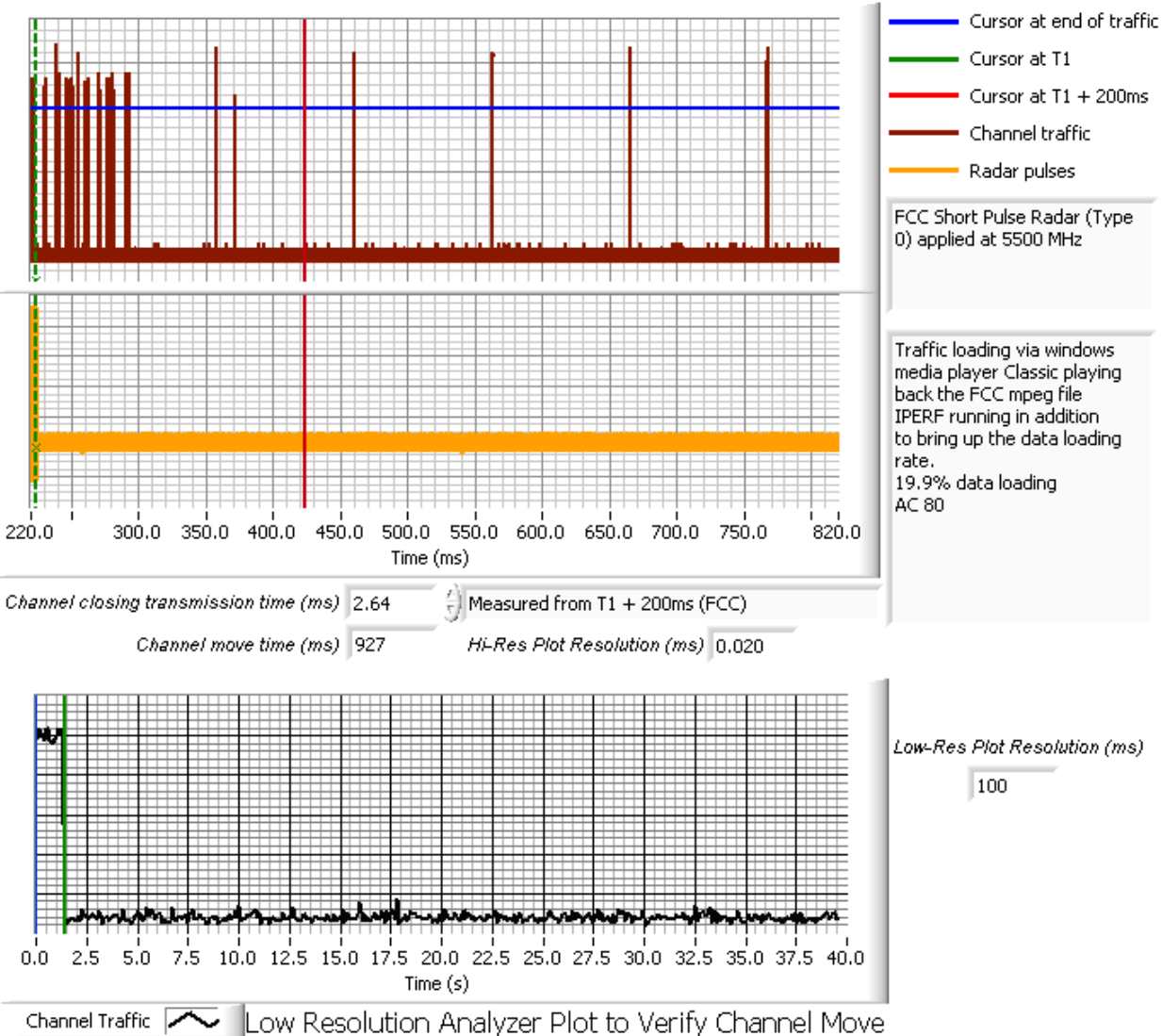


Figure 13 Close-Up of Transmissions more than 200ms after The End of Radar (ac80 mode)

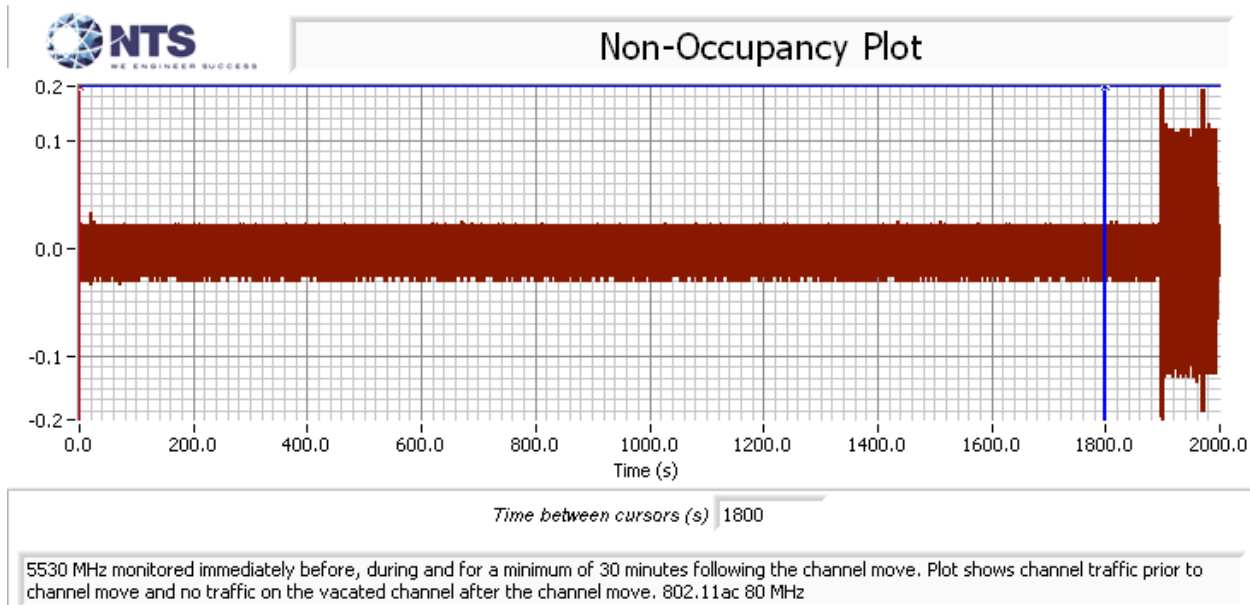


Figure 14 Radar Channel Non-Occupancy Plot (ac80 mode)

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

After the channel move the client device stopped transmitting on the vacated channel.

Appendix D Test Data – Channel Availability Check

5250- 5350 MHz, 5470 – 5725 MHz

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

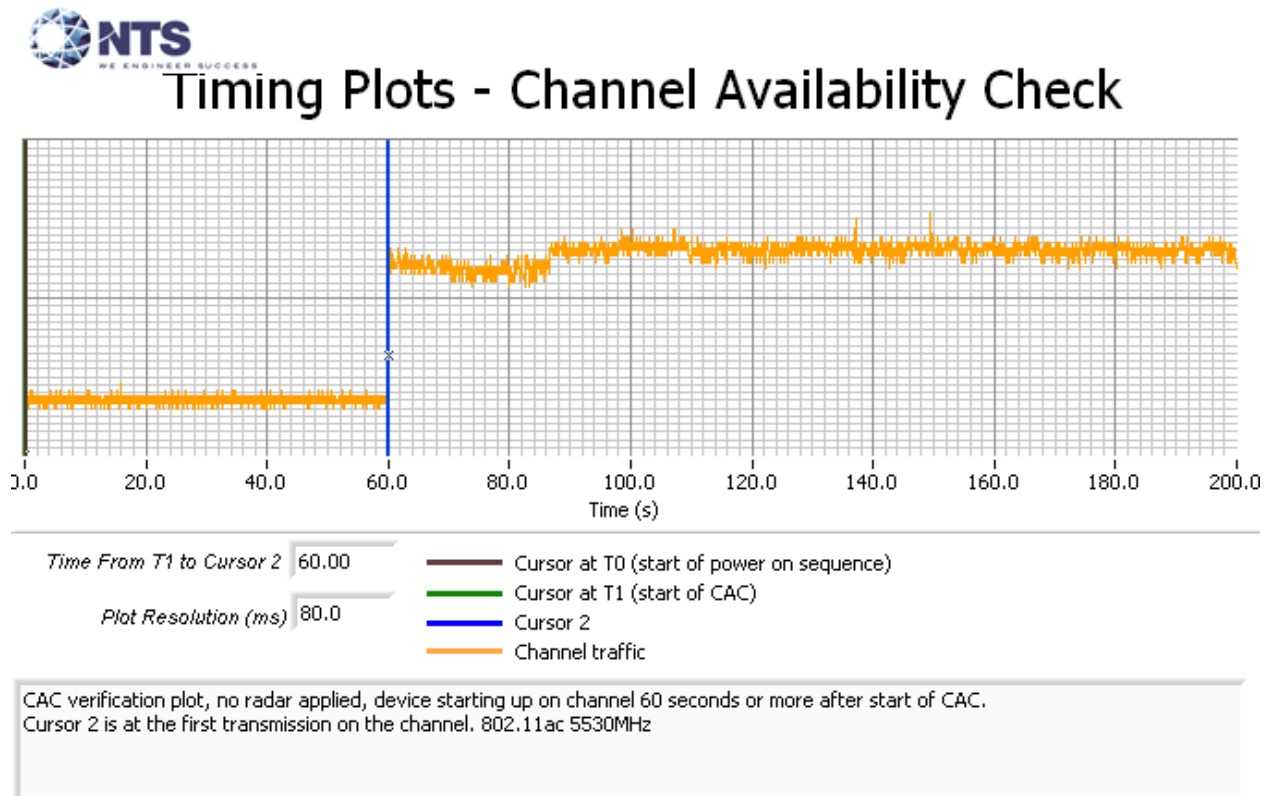


Figure 15 Plot of EUT Start-Up After CAC

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

The level of the radar signal applied was -63dBm. Measurements were made on channel 106 (5530 MHz).

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

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



Timing Plots - Channel Availability Check

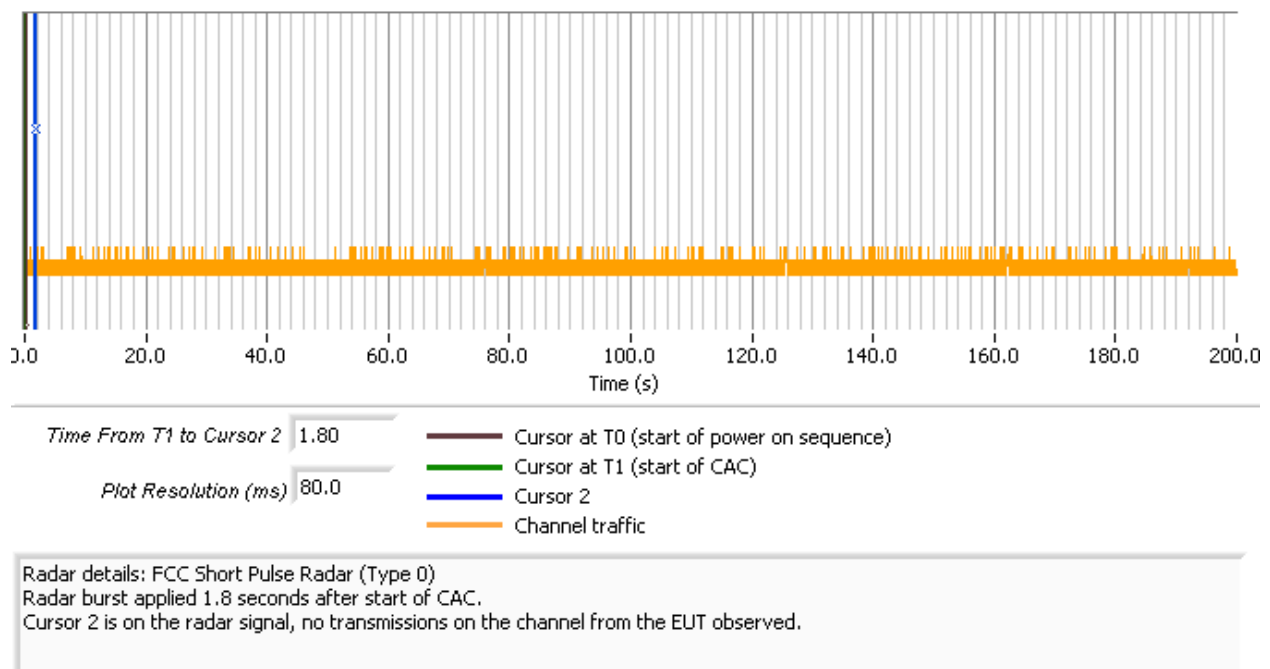


Figure 16 Radar Applied At Start of CAC



Timing Plots - Channel Availability Check

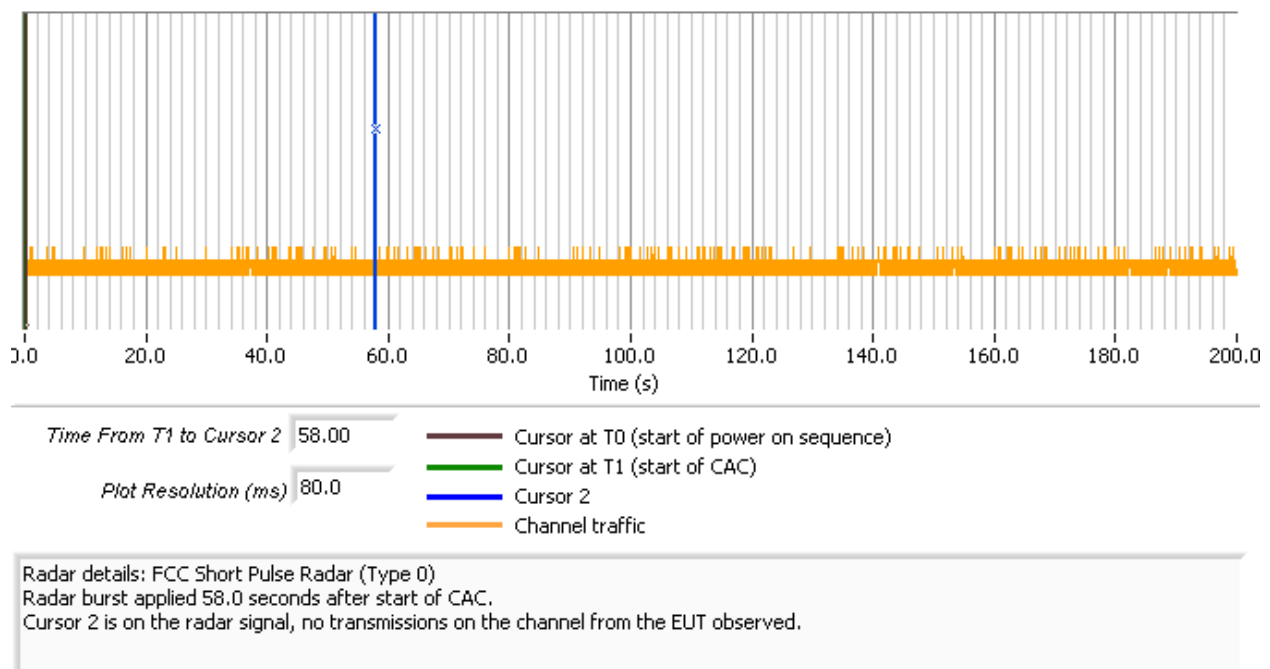
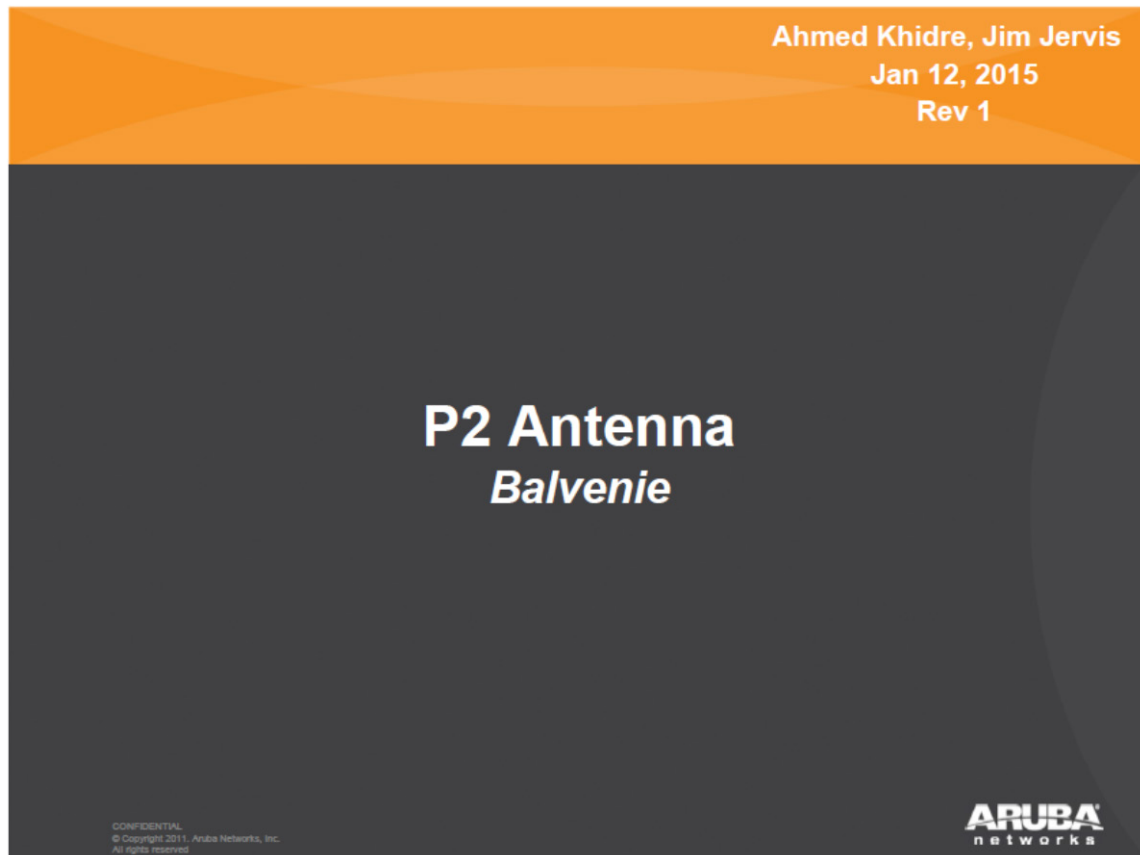
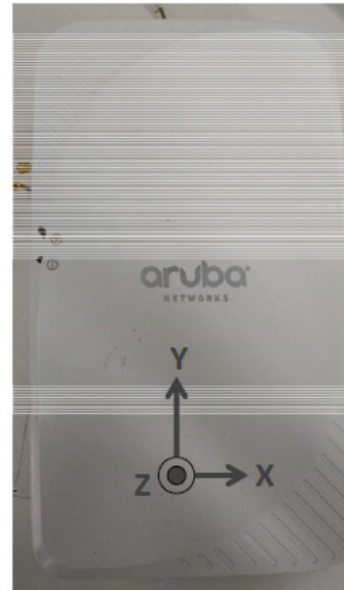
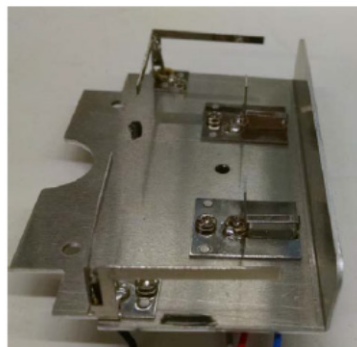
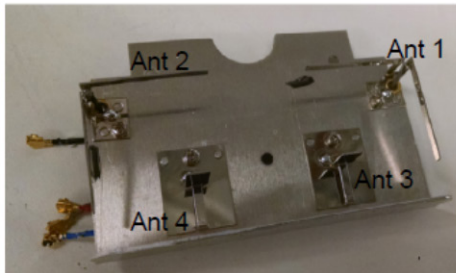


Figure 17 Radar Applied At End of CAC

Appendix E Antenna Specification

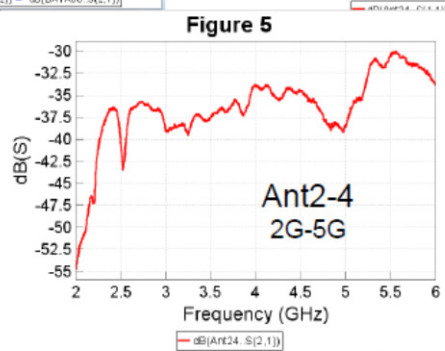
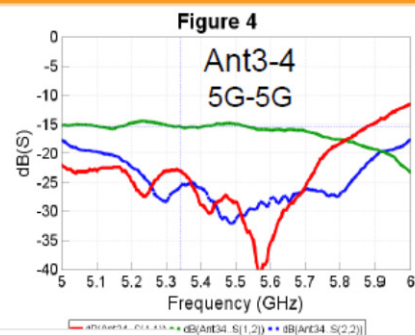
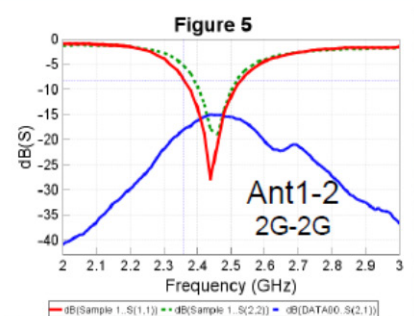


P2-Antennas



CONFIDENTIAL
© Copyright 2011, Aruba Networks, Inc.
All rights reserved

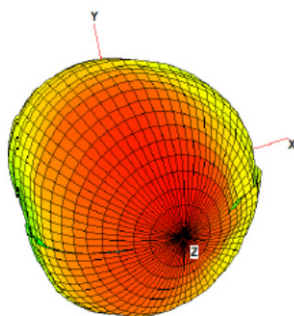
S-parameters



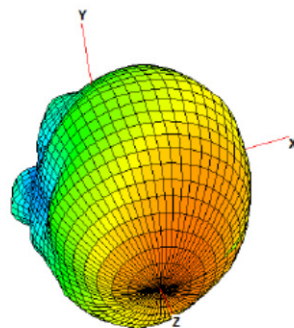
CONFIDENTIAL
© Copyright 2011, Aruba Networks, Inc.
All rights reserved

2G Patterns

2.45 GHz



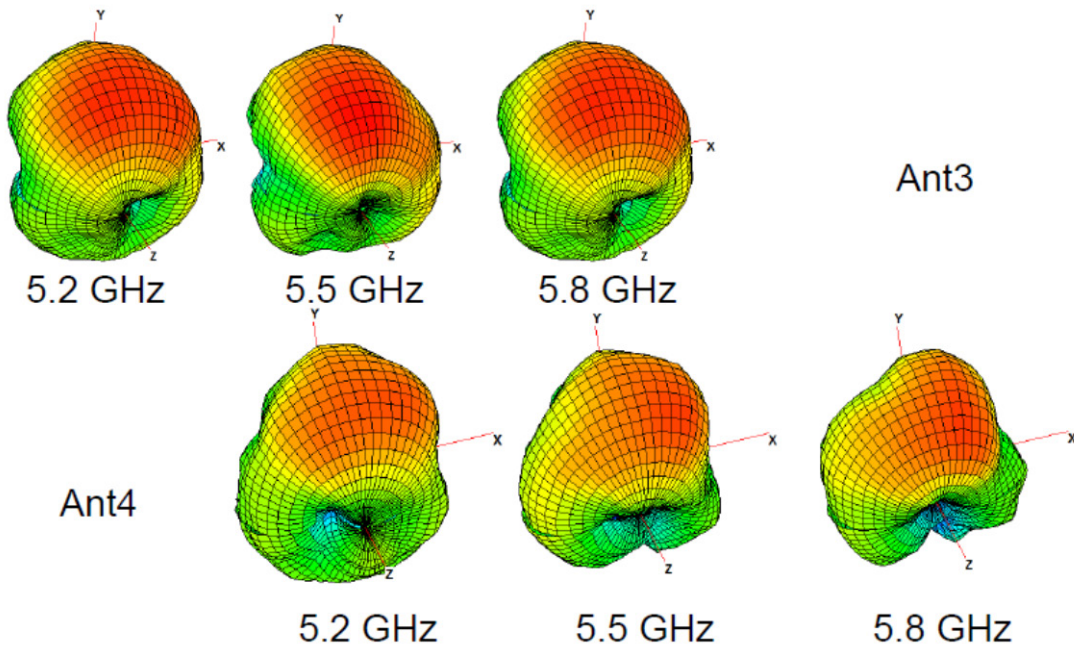
Ant1



Ant2

CONFIDENTIAL
© Copyright 2011, Aruba Networks, Inc.
All rights reserved

5G Patterns



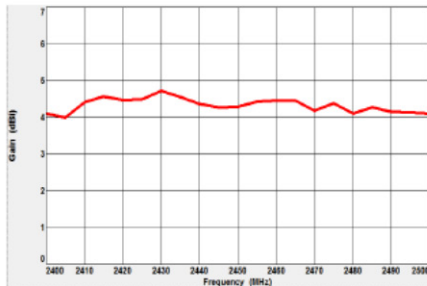
CONFIDENTIAL
© Copyright 2011, Aruba Networks, Inc.
All rights reserved

5

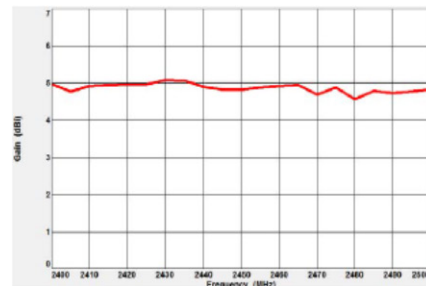
ARUBA
networks

Antennas Relaxed Gain

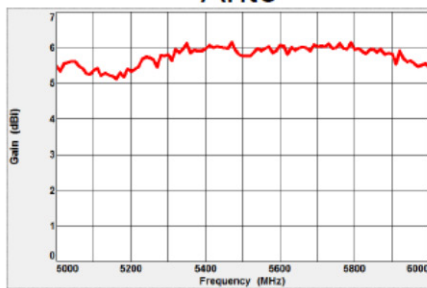
Ant1



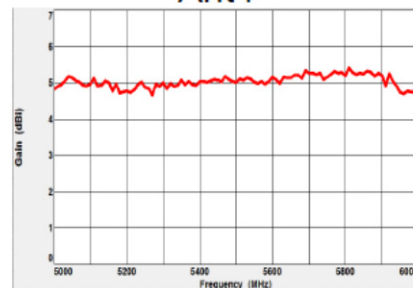
Ant2



Ant3



Ant4



CONFIDENTIAL
© Copyright 2011, Aruba Networks, Inc.
All rights reserved



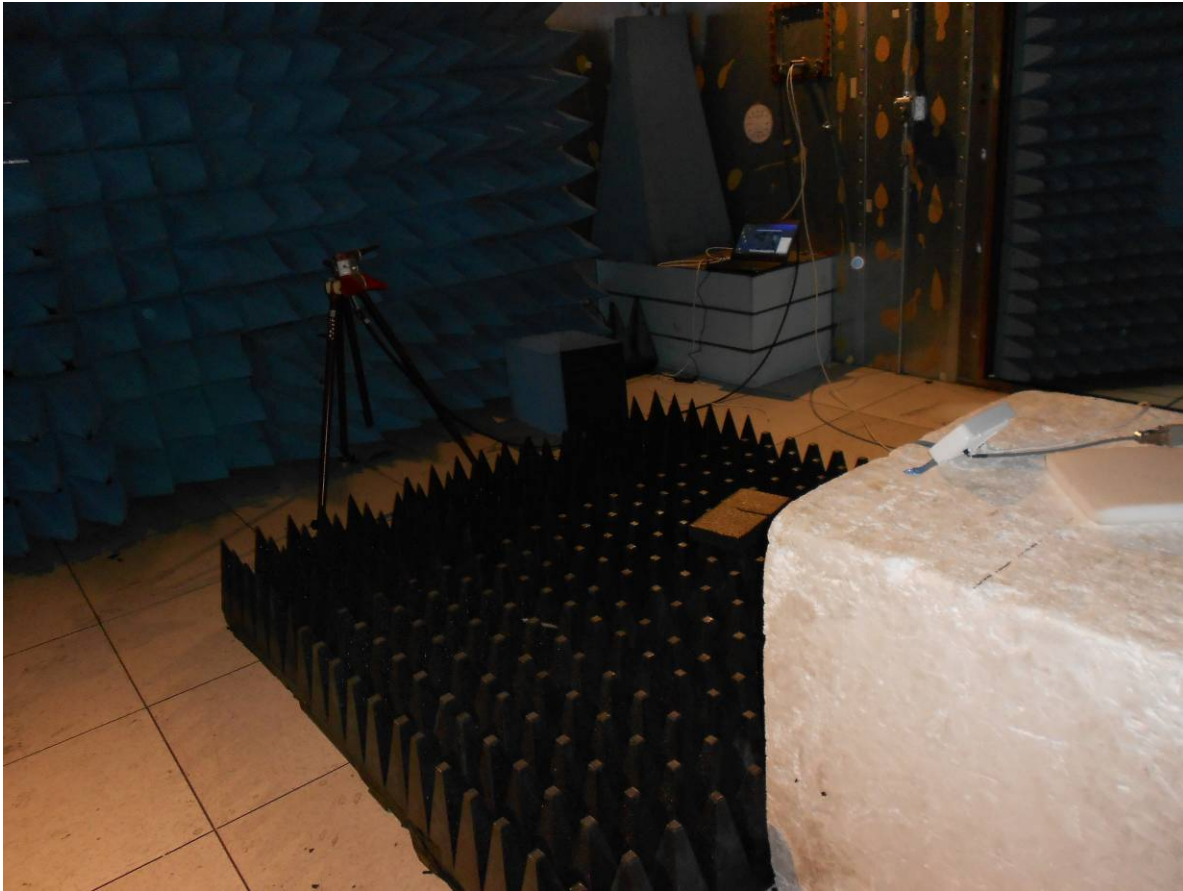
Feedbacks?

CONFIDENTIAL
© Copyright 2011, Aruba Networks, Inc.
All rights reserved

7

Appendix F Test Configuration Photograph(s)





End of Report

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