

TEST REPORT

Covering the DYNAMIC FREQUENCY SELECTION (DFS) REQUIREMENTS OF

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

Ubiquiti Networks Model(s): AF5 (AirFiber 5GHz)

COMPANY: Ubiquiti Networks
91 E. Tasman Drive
San Jose, CA, 95134

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

REPORT DATE: December 19, 2013

FINAL TEST DATE: September 18 - October 29, 2013

TEST ENGINEER: W. Fisher and M. Birgani, and M. Findley

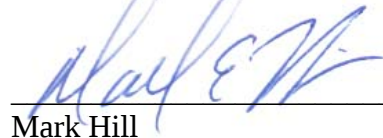
TOTAL NUMBER OF PAGES: 191



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

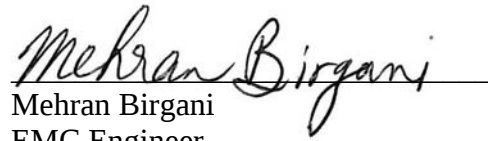
VALIDATING SIGNATORIES

PROGRAM MGR /
TECHNICAL REVIEWER:



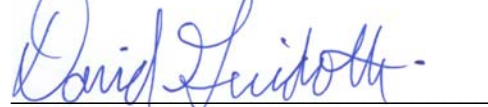
Mark Hill
Staff Engineer

REPORT PREPARER:



Mehran Birgani
EMC Engineer

QUALITY ASSURANCE DELEGATE



David Guidotti
Senior Technical Writer

REVISION HISTORY

Rev #	Date	Comments	Modified By
-	12-19-2013	Initial Release	-

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.....	13
EQUIPMENT UNDER TEST (EUT) DETAILS.....	14
GENERAL.....	14
OTHER EUT DETAILS.....	14
ANTENNA SYSTEM	15
ENCLOSURE.....	15
MODIFICATIONS.....	15
SUPPORT EQUIPMENT.....	15
EUT INTERFACE PORTS	15
EUT OPERATION	16
RADAR WAVEFORMS.....	17
DFS TEST METHODS	18
RADIATED TEST METHOD	18
DFS MEASUREMENT INSTRUMENTATION.....	20
RADAR GENERATION SYSTEM	20
CHANNEL MONITORING SYSTEM	21
DFS MEASUREMENT METHODS	22
DFS RADAR DETECTION BANDWIDTH	22
DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME	22
DFS – CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING.....	22
DFS CHANNEL AVAILABILITY CHECK TIME.....	23
UNIFORM LOADING.....	23
TRANSMIT POWER CONTROL (TPC)	23
SAMPLE CALCULATIONS	24
DETECTION PROBABILITY / SUCCESS RATE	24
THRESHOLD LEVEL	24
APPENDIX A TEST EQUIPMENT CALIBRATION DATA	25
APPENDIX B TEST DATA TABLES FOR RADAR DETECTION PROBABILITY	26
APPENDIX C TEST DATA TABLES AND PLOTS FOR CHANNEL CLOSING	164
FCC PART 15 SUBPART E CHANNEL CLOSING MEASUREMENTS	164
APPENDIX D TEST DATA – CHANNEL AVAILABILITY CHECK.....	183
5250- 5350 MHZ, 5470 – 5725 MHZ	183
APPENDIX E ANTENNA SPECIFICATION	188
APPENDIX F TEST CONFIGURATION PHOTOGRAPH(S)	190
END OF REPORT	191

LIST OF TABLES

Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (10MHz).....	10
Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz).....	11
Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz).....	12
Table 4 - FCC Part 15 Subpart E Master Device Test Result Summary (50MHz).....	13
Table 5 - FCC Short Pulse Radar Test Waveforms	17
Table 6 - FCC Long Pulse Radar Test Waveforms.....	17
Table 7 - FCC Frequency Hopping Radar Test Waveforms.....	17
Table 8 - Detection Bandwidth Measurements (Bandwidth: +5MHz /-4MHz) 10MHz	26
Table 9 - Detection Bandwidth Measurements (Bandwidth: +10MHz /-9MHz) 20MHz	26
Table 10 - Detection Bandwidth Measurements (Bandwidth: +16MHz /-17MHz) 40MHz	27
Table 11 - Detection Bandwidth Measurements (Bandwidth: +20MHz /-20MHz) 50MHz	28
Table 12 - Summary of All Results 10MHz	29
Table 13 - Summary of All Results 20MHz	29
Table 14 - Summary of All Results 40MHz	29
Table 15 - Summary of All Results 50MHz	29
Table 16 - FCC Short Pulse Radar (Type 1) Results 10MHz	30
Table 17 - FCC Short Pulse Radar (Type 2) Results 10MHz	31
Table 18 - FCC Short Pulse Radar (Type 3) Results 10MHz	32
Table 19 - FCC Short Pulse Radar (Type 4) Results 10MHz	33
Table 20 - Long Sequence Waveform Summary 10MHz.....	34
Table 21 - Long Sequence Waveform Trial#1 (Detected) 10MHz.....	35
Table 22 - Long Sequence Waveform Trial#2 (Detected) 10MHz.....	35
Table 23 - Long Sequence Waveform Trial#3 (Detected) 10MHz.....	36
Table 24 - Long Sequence Waveform Trial#4 (Detected) OFDM 10MHz	36
Table 25 - Long Sequence Waveform Trial#5 (Detected) 10MHz.....	36
Table 26 - Long Sequence Waveform Trial#6 (Detected) 10MHz.....	37
Table 27 - Long Sequence Waveform Trial#7 (Detected) 10MHz.....	37
Table 28 - Long Sequence Waveform Trial#8 (Detected) 10MHz.....	38
Table 29 - Long Sequence Waveform Trial#9 (Detected) 10MHz.....	38
Table 30 - Long Sequence Waveform Trial#10 (Detected) 10MHz.....	38
Table 31 - Long Sequence Waveform Trial#11 (Detected) 10MHz.....	39
Table 32 - Long Sequence Waveform Trial#12 (Detected) 10MHz.....	39
Table 33 - Long Sequence Waveform Trial#13 (Detected) 10MHz.....	40
Table 34 - Long Sequence Waveform Trial#14 (Detected) 10MHz.....	40
Table 35 - Long Sequence Waveform Trial#15 (Detected) 10MHz.....	41
Table 36 - Long Sequence Waveform Trial#16 (Detected) 10MHz.....	41
Table 37 - Long Sequence Waveform Trial#17 (Detected) 10MHz.....	42
Table 38 - Long Sequence Waveform Trial#18 (Detected) 10MHz.....	42
Table 39 - Long Sequence Waveform Trial#19 (Detected) 10MHz.....	43
Table 40 - Long Sequence Waveform Trial#20 (Detected) 10MHz.....	43
Table 41 - Long Sequence Waveform Trial#21 (Detected) 10MHz.....	43
Table 42 - Long Sequence Waveform Trial#22 (Detected) 10MHz.....	44
Table 43 - Long Sequence Waveform Trial#23 (Detected) 10MHz.....	44
Table 44 - Long Sequence Waveform Trial#24 (Detected) 10MHz.....	45
Table 45 - Long Sequence Waveform Trial#25 (Detected) 10MHz.....	45
Table 46 - Long Sequence Waveform Trial#26 (Detected) 10MHz.....	46
Table 47 - Long Sequence Waveform Trial#27 (Detected) 10MHz.....	46
Table 48 - Long Sequence Waveform Trial#28 (Detected) 10MHz.....	47
Table 49 - Long Sequence Waveform Trial#29 (Detected) 10MHz.....	47
Table 50 - Long Sequence Waveform Trial#30 (Detected) 10MHz.....	48
Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz.....	49
Table 52 - FCC Short Pulse Radar (Type 1) Results 20MHz	62

Table 53 - FCC Short Pulse Radar (Type 2) Results 20MHz	63
Table 54 - FCC Short Pulse Radar (Type 3) Results 20MHz	64
Table 55 - FCC Short Pulse Radar (Type 4) Results 20MHz	65
Table 56 - Long Sequence Waveform Summary 20MHz	66
Table 57 - Long Sequence Waveform Trial#1 (Detected) 20MHz	66
Table 58 - Long Sequence Waveform Trial#2 (NOT Detected) 20MHz	67
Table 59 - Long Sequence Waveform Trial#3 (Detected) 20MHz	67
Table 60 - Long Sequence Waveform Trial#4 (Detected) 20MHz	68
Table 61 - Long Sequence Waveform Trial#5 (Detected) 20MHz	68
Table 62 - Long Sequence Waveform Trial#6 (Detected) 20MHz	68
Table 63 - Long Sequence Waveform Trial#7 (Detected) 20MHz	69
Table 64 - Long Sequence Waveform Trial#8 (Detected) 20MHz	69
Table 65 - Long Sequence Waveform Trial#9 (Detected) 20MHz	70
Table 66 - Long Sequence Waveform Trial#10 (Detected) 20MHz	70
Table 67 - Long Sequence Waveform Trial#11 (Detected) 20MHz	71
Table 68 - Long Sequence Waveform Trial#12 (Detected) 20MHz	71
Table 69 - Long Sequence Waveform Trial#13 (Detected) 20MHz	72
Table 70 - Long Sequence Waveform Trial#14 (Detected) 20MHz	72
Table 71 - Long Sequence Waveform Trial#15 (Detected) 20MHz	73
Table 72 - Long Sequence Waveform Trial#16 (Detected) 20MHz	73
Table 73 - Long Sequence Waveform Trial#17 (Detected) 20MHz	74
Table 74 - Long Sequence Waveform Trial#18 (Detected) 20MHz	74
Table 75 - Long Sequence Waveform Trial#19 (Detected) 20MHz	75
Table 76 - Long Sequence Waveform Trial#20 (Detected) 20MHz	75
Table 77 - Long Sequence Waveform Trial#21 (Detected) 20MHz	75
Table 78 - Long Sequence Waveform Trial#22 (Detected) 20MHz	76
Table 79 - Long Sequence Waveform Trial#23 (Detected) 20MHz	76
Table 80 - Long Sequence Waveform Trial#24 (Detected) 20MHz	77
Table 81 - Long Sequence Waveform Trial#25 (Detected) 20MHz	77
Table 82 - Long Sequence Waveform Trial#26 (Detected) 20MHz	78
Table 83 - Long Sequence Waveform Trial#27 (Detected) 20MHz	78
Table 84 - Long Sequence Waveform Trial#28 (Detected) 20MHz	79
Table 85 - Long Sequence Waveform Trial#29 (Detected) 20MHz	79
Table 86 - Long Sequence Waveform Trial#30 (Detected) 20MHz	80
Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz	81
Table 88 - FCC Short Pulse Radar (Type 1) Results 40MHz	98
Table 89 - FCC Short Pulse Radar (Type 2) Results 40MHz	99
Table 90 - FCC Short Pulse Radar (Type 3) Results 40MHz	100
Table 91 - FCC Short Pulse Radar (Type 4) Results 40MHz	101
Table 92 - Long Sequence Waveform Summary 40MHz	102
Table 93 - Long Sequence Waveform Trial#1 (Detected) 40MHz	103
Table 94 - Long Sequence Waveform Trial#2 (Detected) 40MHz	103
Table 95 - Long Sequence Waveform Trial#3 (Detected) 40MHz	104
Table 96 - Long Sequence Waveform Trial#4 (Detected) 40MHz	104
Table 97 - Long Sequence Waveform Trial#5 (Detected) 40MHz	105
Table 98 - Long Sequence Waveform Trial#6 (Detected) 40MHz	105
Table 99 - Long Sequence Waveform Trial#7 (Detected) 40MHz	105
Table 100 - Long Sequence Waveform Trial#8 (Detected) 40MHz	106
Table 101 - Long Sequence Waveform Trial#9 (Detected) 40MHz	106
Table 102 - Long Sequence Waveform Trial#10 (Detected) 40MHz	107
Table 103 - Long Sequence Waveform Trial#11 (Detected) 40MHz	107
Table 104 - Long Sequence Waveform Trial#12 (Detected) 40MHz	107
Table 105 - Long Sequence Waveform Trial#13 (Detected) 40MHz	107
Table 106 - Long Sequence Waveform Trial#14 (Detected) 40MHz	108
Table 107 - Long Sequence Waveform Trial#15 (Detected) 40MHz	109

Table 108 - Long Sequence Waveform Trial#16 (Detected) 40MHz.....	109
Table 109 - Long Sequence Waveform Trial#17 (Detected) 40MHz.....	110
Table 110 - Long Sequence Waveform Trial#18 (Detected) 40MHz.....	110
Table 111 - Long Sequence Waveform Trial#19 (Detected) 40MHz.....	111
Table 112 - Long Sequence Waveform Trial#20 (Detected) 40MHz.....	111
Table 113 - Long Sequence Waveform Trial#21 (Detected) 40MHz.....	112
Table 114 - Long Sequence Waveform Trial#22 (Detected) 40MHz.....	112
Table 115 - Long Sequence Waveform Trial#23 (Detected) 40MHz.....	112
Table 116 - Long Sequence Waveform Trial#24 (Detected) 40MHz.....	113
Table 117 - Long Sequence Waveform Trial#25 (Detected) 40MHz.....	113
Table 118 - Long Sequence Waveform Trial#26 (Detected) 40MHz.....	114
Table 119 - Long Sequence Waveform Trial#27 (Detected) 40MHz.....	114
Table 120 - Long Sequence Waveform Trial#28 (Detected) 40MHz.....	115
Table 121 - Long Sequence Waveform Trial#29 (Detected) 40MHz.....	115
Table 122 - Long Sequence Waveform Trial#30 (Detected) 40MHz.....	116
Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz.....	117
Table 124 - FCC Short Pulse Radar (Type 1) Results 50MHz.....	131
Table 125 - FCC Short Pulse Radar (Type 2) Results 50MHz.....	132
Table 126 - FCC Short Pulse Radar (Type 3) Results 50MHz.....	133
Table 127 - FCC Short Pulse Radar (Type 4) Results 50MHz.....	134
Table 128 - Long Sequence Waveform Summary 50MHz.....	135
Table 129 - Long Sequence Waveform Trial#1 (Detected) 50MHz.....	135
Table 130 - Long Sequence Waveform Trial#2 (Detected) 50MHz.....	136
Table 131 - Long Sequence Waveform Trial#3 (Detected) 50MHz.....	136
Table 132 - Long Sequence Waveform Trial#4 (Detected) 50MHz.....	137
Table 133 - Long Sequence Waveform Trial#5 (Detected) 50MHz.....	137
Table 134 - Long Sequence Waveform Trial#6 (Detected) 50MHz.....	137
Table 135 - Long Sequence Waveform Trial#7 (Detected) 50MHz.....	138
Table 136 - Long Sequence Waveform Trial#8 (Detected) 50MHz.....	138
Table 137 - Long Sequence Waveform Trial#9 (Detected) 50MHz.....	138
Table 138 - Long Sequence Waveform Trial#10 (Detected) 50MHz.....	139
Table 139 - Long Sequence Waveform Trial#11 (Detected) 50MHz.....	139
Table 140 - Long Sequence Waveform Trial#12 (Detected) 50MHz.....	140
Table 141 - Long Sequence Waveform Trial#13 (Detected) 50MHz.....	140
Table 142 - Long Sequence Waveform Trial#14 (Detected) 50MHz.....	140
Table 143 - Long Sequence Waveform Trial#15 (Detected) 50MHz.....	141
Table 144 - Long Sequence Waveform Trial#16 (Detected) 50MHz.....	141
Table 145 - Long Sequence Waveform Trial#17 (Detected) 50MHz.....	141
Table 146 - Long Sequence Waveform Trial#18 (Detected) 50MHz.....	142
Table 147 - Long Sequence Waveform Trial#19 (Detected) 50MHz.....	142
Table 148 - Long Sequence Waveform Trial#20 (Detected) 50MHz.....	142
Table 149 - Long Sequence Waveform Trial#21 (Detected) 50MHz.....	143
Table 150 - Long Sequence Waveform Trial#22 (Detected) 50MHz.....	143
Table 151 - Long Sequence Waveform Trial#23 (Detected) 50MHz.....	143
Table 152 - Long Sequence Waveform Trial#24 (Detected) 50MHz.....	144
Table 153 - Long Sequence Waveform Trial#25 (Detected) 50MHz.....	144
Table 154 - Long Sequence Waveform Trial#26 (Detected) 50MHz.....	145
Table 155 - Long Sequence Waveform Trial#27 (Detected) 50MHz.....	145
Table 156 - Long Sequence Waveform Trial#28 (Detected) 50MHz.....	145
Table 157 - Long Sequence Waveform Trial#29 (Detected) 50MHz.....	146
Table 158 - Long Sequence Waveform Trial#30 (Detected) 50MHz.....	146
Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz.....	147
Table 160 - FCC Part 15 Subpart E Channel Closing Test Results.....	164

LIST OF FIGURES

Figure 1 Test Configuration for radiated Measurement Method	18
Figure 2 Channel Closing Time and Channel Move Time (10MHz) – 40 second plot	165
Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (10MHz) ..	166
Figure 4 Channel Closing Time and Channel Move Time (10MHz) – 40 second plot	167
Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (10MHz) ..	168
Figure 6 Channel Closing Time and Channel Move Time (20MHz) – 40 second plot	169
Figure 7 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (20MHz) ..	170
Figure 8 Channel Closing Time and Channel Move Time (20MHz) – 40 second plot	171
Figure 9 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (20MHz) ..	172
Figure 10 Channel Closing Time and Channel Move Time (40MHz) – 40 second plot	173
Figure 11 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (40MHz)	174
Figure 12 Channel Closing Time and Channel Move Time (40MHz) – 40 second plot	175
Figure 13 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (40MHz)	176
Figure 14 Channel Closing Time and Channel Move Time (50MHz) – 40 second plot	177
Figure 15 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (50MHz)	178
Figure 16 Channel Closing Time and Channel Move Time (50MHz) – 40 second plot, Long Pulse	179
Figure 17 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (50MHz)	180
Figure 18 Radar Channel Non-Occupancy Plot (10MHz).....	181
Figure 19 Radar Channel Non-Occupancy Plot (20MHz).....	181
Figure 20 Radar Channel Non-Occupancy Plot (40MHz).....	182
Figure 21 Radar Channel Non-Occupancy Plot (50 MHz).....	182
Figure 22 Plot of EUT Start-Up After CAC	183
Figure 23 Radar Applied At Start of CAC (10MHz).....	184
Figure 24 Radar Applied At End of CAC (10MHz).....	184
Figure 25 Radar Applied At Start of CAC (20MHz).....	185
Figure 26 Radar Applied At End of CAC (20MHz).....	185
Figure 27 Radar Applied At Start of CAC (40MHz).....	186
Figure 28 Radar Applied At End of CAC (40MHz).....	186
Figure 29 Radar Applied At Start of CAC (50MHz).....	187
Figure 30 Radar Applied At End of CAC (50MHz).....	187

SCOPE

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

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

Tests were performed in accordance with these standards together with the current published versions of the basic standards referenced therein including FCC KDB 848637 and the appendix to FCC 06-96 MO&O as outlined in NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Ubiquiti Networks model AF5 and therefore apply only to the tested sample. The sample was selected and prepared by Alex Pavlos of Ubiquiti 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 Ubiquiti Networks model AF5 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 (10MHz)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5510MHz	60s	$\geq 60s$	Appendix D	Complies
CAC Detection Threshold	Type 1	5510MHz	-63dBm	-64dBm (See note 2)	Appendix D	Complies
In-Service Monitoring Detection Threshold	Type 1 to Type 6	5510MHz	-63dBm (note 2)	-64dBm (See note 2)	Appendix B	Complies
Bandwidth Detection	Type 1	Varies	9MHz	80% of the 99% BW	-	Complies
Channel closing transmission time	Type 1 Type 5	5510MHz	172.7ms	$\leq 260ms$	Appendix C	Complies
Channel move time	Type 1 Type 5	5510MHz	0.38s	$\leq 10s$	Appendix C	Complies
Non-occupancy period	-	5510MHz	> 30min	> 30 minutes	Appendix C	Complies
Uniform Loading		-	-	Uniform Loading	Refer to operational description	NA
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 23dBi. 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 5500-5700 MHz band.						

Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz)

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5510MHz	60s	$\geq 60s$	Appendix D	Complies
CAC Detection Threshold	Type 1	5510MHz	-63dBm	-64dBm (See note 2)	Appendix D	Complies
In-Service Monitoring Detection Threshold	Type 1 to Type 6	5510MHz	-63dBm (note 2)	-64dBm (See note 2)	Appendix B	Complies
Bandwidth Detection	Type 1	Varies	19MHz	80% of the 99% BW	-	Complies
Channel closing transmission time	Type 2 Type 5	5510MHz	142.9ms	$\leq 260ms$	Appendix C	Complies
Channel move time	Type 2 Type 5	5510MHz	0.77s	$\leq 10s$	Appendix C	Complies
Non-occupancy period	-	5510MHz	> 30min	> 30min	Appendix C	Complies
Uniform Loading		-	-	Uniform Loading	Refer to operational description	NA
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 23dBi. 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 5500-5700 MHz band.						

Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz)

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5510MHz	60s	$\geq 60s$	Appendix D	Complies
CAC Detection Threshold	Type 1	5510MHz	-63dBm	-64dBm (See note 2)	Appendix D	Complies
In-Service Monitoring Detection Threshold	Type 1 to Type 6	5510MHz	-63dBm (note 2)	-64dBm (See note 2)	Appendix B	Complies
Bandwidth Detection	Type 1	Varies	33MHz	80% of the 99% BW	-	Complies
Channel closing transmission time	Type 2 Type 5	5675MHz	192.0ms	$\leq 260ms$	Appendix C	Complies
Channel move time	Type 2 Type 5	5675MHz	0.39s	$\leq 10s$	Appendix C	Complies
Non-occupancy period	-	5675MHz	> 30min	> 30min	Appendix C	Complies
Uniform Loading		-	-	Uniform Loading	Refer to operational description	NA
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 23dBi. 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 5500-5700 MHz band.						

Table 4 - FCC Part 15 Subpart E Master Device Test Result Summary (50MHz)

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Type 1	5675MHz	60s	$\geq 60s$	Appendix D	Complies
CAC Detection Threshold	Type 1	5675MHz	-63dBm	-64dBm (See note 2)	Appendix D	Complies
In-Service Monitoring Detection Threshold	Type 1 to Type 6	5675MHz	-63dBm (note 2)	-64dBm (See note 2)	Appendix B	Complies
Bandwidth Detection	Type 1	Varies	40MHz	80% of the 99% BW	-	Complies
Channel closing transmission time	Type 2 Type 5	5675MHz	23.2ms	$\leq 260ms$	Appendix C	Complies
Channel move time	Type 2 Type 5	5675MHz	0.2s	$\leq 10s$	Appendix C	Complies
Non-occupancy period	-	5675MHz	> 30min	> 30min	Appendix C	Complies
Uniform Loading		-	-	Uniform Loading	Refer to operational description	NA
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 23dBi. 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 5500-5700 MHz band.						

MEASUREMENT UNCERTAINTIES

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

Measurement	Measurement Unit	Expanded Uncertainty
Timing (Channel move time, aggregate transmission time)	ms	Timing resolution $\pm 0.24\%$
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 Ubiquiti Networks model AF5 is a Point to Point wireless backhaul radio that uses OFDM with 10MHz, 20MHz, 40MHz and 50MHz channel bandwidths. The EUT would be pole mounted outdoors and powered over Ethernet (POE).

The sample was received on September 16, 2013 and tested on September 18 - October 29, 2013. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number	FCC ID
Ubiquiti Networks	AF5	Wireless backhaul radio	00:27:22:DA:5F:25	SWX-AF5
Ubiquiti Networks	GP-C500-120G	Switching Gigabit Power Supply (POE DC 50V)	1813-0000153	NA

Manufacturer	Model	Description	Serial Number	IC ID
Ubiquiti Networks	AF5	Wireless backhaul radio	00:27:22:DA:5F:25	6545A-AF5

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 5470-5725 MHz (excluding 5600-5650 MHz)

Antenna Gains / EIRP (5470 – 5725 MHz)

	5725 – 5875 MHz
Lowest Antenna Gain (dBi)	23.0
Highest Antenna Gain (dBi)	23.0
EIRP (dBm)	52.9

☒ Power can exceed 200mW eirp

Channel Protocol

☒ OTHER: OFDM

OTHER EUT DETAILS

1. EUT is a 2x2 MIMO system
2. EUT transmit using 10MHz, 20MHz, 40MHz and 50MHz bandwidth

ANTENNA SYSTEM

The antenna is an integral 23dBi dish antenna. The transmit antenna elements are cross polarized.

ENCLOSURE

The EUT enclosure measures approximately 93.8cm by 46.8cm by 28.1cm. It is primarily constructed of aluminum alloy and 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
ASUS	S550CA.DS51T	Laptop	D3NDCV331970134	DoC
<i>Ubiquiti Networks</i>	<i>AF5</i>	<i>Wireless backhaul radio</i>	<i>24:A4:3C:38:00:43</i>	<i>SWX-AF5</i>
Ubiquiti Networks	GP-C500-120G	Switching Gigabit Power Supply (POE DC 50V)	1247-0001492	None
ASUS	S550CA.DS51T	Laptop	D3NDAS207831115	DoC

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)
Laptop	POE (LAN)	RJ45	Shielded	7.2
EUT	POE (POE)	RJ45	Shielded	8.2
Laptop	POE (LAN)	RJ45	Shielded	7.2
EUT (client)	POE (POE)	RJ45	Shielded	8.2

EUT OPERATION

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

Master Device: FCC v2.0-dev.19714

Client Device: FCC v2.0-dev.19714

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

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

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

RADAR WAVEFORMS

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

Table 6 - 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 7 - 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.

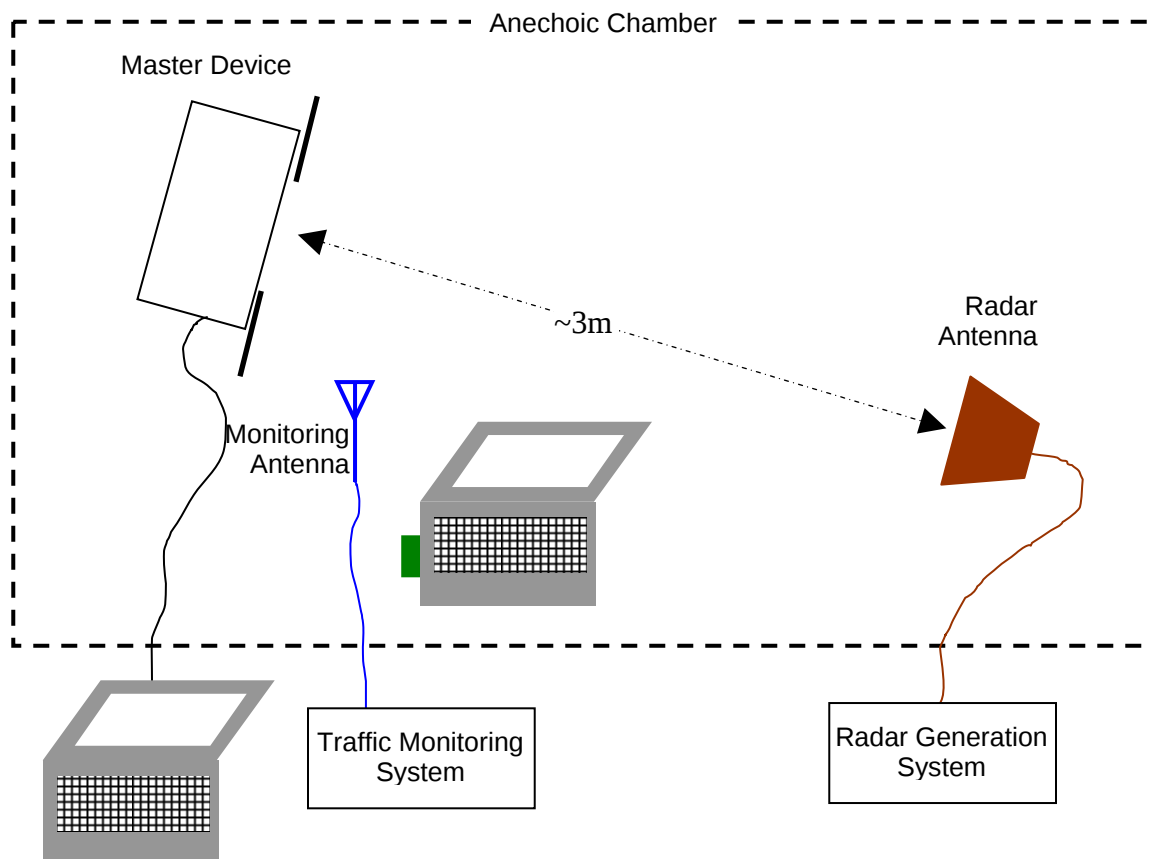


Figure 1 Test Configuration for radiated Measurement Method

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.

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

The radar signal level is verified during testing using a CW signal with the AGC function switched on. Correction factors to account for the fact that pulses are generated with the AGC functions switched off are measured annually and an offset is used to account for this in the software.

The generator output is connected to the coupling port of the conducted set-up or to the radar-generating antenna.

CHANNEL MONITORING SYSTEM

Channel monitoring is achieved using a spectrum analyzer and digital storage oscilloscope. The analyzer is configured in a zero-span mode, center frequency set to the radar waveform's frequency or the center frequency of the EUT's operating channel. The IF output of the analyzer is connected to one input of the oscilloscope.

A signal generator output is set to send either the modulating signal directly or a pulse gate with an output pulse co-incident with each radar pulse. This output is connected to a second input on the oscilloscope and the oscilloscope displays both the channel traffic (via the IF input) and the radar pulses on its display.

For in service monitoring tests the analyzer sweep time is set to > 20 seconds and the oscilloscope is configured with a data record length of 10 seconds for the short duration and frequency hopping waveforms, 20 seconds for the long duration waveforms. Both instruments are set for a single acquisition sequence. The analyzer is triggered 500ms before the start of the waveform and the oscilloscope is triggered directly by the modulating pulse train. Timing measurements for aggregate channel transmission time and channel move time are made from the oscilloscope data, with the end of the waveform clearly identified by the pulse train on one trace. The analyzer trace data is used to confirm that the last transmission occurred within the 10-second record of the oscilloscope. If necessary the record length of the oscilloscope is expanded to capture the last transmission on the channel prior to the channel move.

Channel availability check time timing plots are made using the analyzer. The analyzer is triggered at start of the EUT's channel availability check and used to verify that the EUT does not transmit when radar is applied during the check time.

The analyzer detector and oscilloscope sampling mode is set to peak detect for all plots.

DFS MEASUREMENT METHODS**DFS RADAR DETECTION BANDWIDTH**

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

DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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

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

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

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	780	07-Mar-14
EMCO	Antenna, Horn, 1-18 GHz	3115	786	19-Dec-13
EMCO	Antenna, Horn, 1-18 GHz	3117	1662	25-May-14
Agilent Technologies	PSG Vector Signal Generator (250kHz - 20GHz)	E8267C	1877	05-Jun-14
Tektronix	500MHz, 2CH, 5GS/s Scope	TDS5052B	2118	22-Oct-14

Appendix B Test Data Tables for Radar Detection Probability

Table 8 - Detection Bandwidth Measurements (Bandwidth: +5MHz /-4MHz) 10MHz					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	6	3	67
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	0	3	0

Table 9 - Detection Bandwidth Measurements (Bandwidth: +10MHz /-9MHz) 20MHz					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	8	2	80
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5517.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5518.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5519.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5521.00 MHz	0	3	0

Table 10 - Detection Bandwidth Measurements (Bandwidth: +16MHz /-17MHz) 40MHz					
EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	7	3	70
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5517.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5518.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5519.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5520.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5521.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5522.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5523.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5524.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5525.00 MHz	10	0	100
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5526.00 MHz	9	1	90
5510.00 MHz	FCC Short Pulse Radar (Type 1)	5527.00 MHz	1	3	25

Table 11 - Detection Bandwidth Measurements (Bandwidth: +20MHz /-20MHz) 50MHz

EUT Frequency	Radar Type	Radar Frequency	# Detected	# Not Detected	Success (%)
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5479.00 MHz	0	3	0
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5480.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5481.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5482.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5483.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5484.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5485.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5486.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5487.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5488.00 MHz	9	1	90
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5489.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5490.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5491.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5492.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5493.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5494.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5495.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5496.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5497.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5498.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5499.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5500.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5501.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5502.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5503.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5504.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5505.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5506.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5507.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5508.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5509.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5510.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5511.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5512.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5513.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5514.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5515.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5516.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5517.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5518.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5519.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5520.00 MHz	10	0	100
5500.00 MHz	FCC Short Pulse Radar (Type 1)	5521.00 MHz	7	3	70

Table 12 - Summary of All Results 10MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	100.0 %	80.0 %	120	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	86.7 %	70.0 %	30	PASSED

Table 13 - Summary of All Results 20MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	83.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	66.7 %	60.0 %	30	PASSED
Aggregate of above results	86.7 %	80.0 %	120	PASSED
Long Sequence	96.7 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	40	PASSED

Table 14 - Summary of All Results 40MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	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
Long Sequence	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	94.1 %	70.0 %	34	PASSED

Table 15 - Summary of All Results 50MHz

Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	97.5 %	80.0 %	120	PASSED
Long Sequence	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	41	PASSED

Table 16 - FCC Short Pulse Radar (Type 1) Results 10MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst

Table 17 - FCC Short Pulse Radar (Type 2) Results 10MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	29	2.7	199.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	27	2.3	169.0	Yes	5510.0MHz, -63.0dBm	Single burst
3	27	1.1	176.0	Yes	5510.0MHz, -63.0dBm	Single burst
4	24	3.7	204.0	Yes	5510.0MHz, -63.0dBm	Single burst
5	29	3.0	223.0	Yes	5510.0MHz, -63.0dBm	Single burst
6	25	4.4	199.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	24	1.7	211.0	Yes	5510.0MHz, -63.0dBm	Single burst
8	23	3.8	230.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	23	1.9	220.0	Yes	5510.0MHz, -63.0dBm	Single burst
10	25	2.9	198.0	Yes	5510.0MHz, -63.0dBm	Single burst
11	27	2.4	173.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	28	2.8	198.0	Yes	5510.0MHz, -63.0dBm	Single burst
13	28	3.0	170.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	25	2.4	205.0	Yes	5510.0MHz, -63.0dBm	Single burst
15	24	2.8	193.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	25	2.2	186.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	27	4.4	182.0	Yes	5510.0MHz, -63.0dBm	Single burst
18	26	2.0	219.0	Yes	5510.0MHz, -63.0dBm	Single burst
19	26	2.3	161.0	Yes	5510.0MHz, -63.0dBm	Single burst
20	25	2.8	188.0	Yes	5510.0MHz, -63.0dBm	Single burst
21	26	4.8	153.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	28	1.8	172.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	26	2.0	209.0	Yes	5510.0MHz, -63.0dBm	Single burst
24	27	4.2	199.0	Yes	5510.0MHz, -63.0dBm	Single burst
25	28	4.7	199.0	Yes	5510.0MHz, -63.0dBm	Single burst
26	24	1.1	219.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	23	3.5	208.0	Yes	5510.0MHz, -63.0dBm	Single burst
28	25	1.4	160.0	Yes	5510.0MHz, -63.0dBm	Single burst
29	27	2.2	153.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	27	3.3	201.0	Yes	5510.0MHz, -63.0dBm	Single burst

Table 18 - FCC Short Pulse Radar (Type 3) Results 10MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	8.0	414.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	17	9.2	491.0	Yes	5510.0MHz, -63.0dBm	Single burst
3	17	8.2	343.0	Yes	5510.0MHz, -63.0dBm	Single burst
4	18	9.2	445.0	Yes	5510.0MHz, -63.0dBm	Single burst
5	17	7.4	259.0	Yes	5510.0MHz, -63.0dBm	Single burst
6	16	6.8	388.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	17	7.2	449.0	Yes	5510.0MHz, -63.0dBm	Single burst
8	17	7.1	286.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	17	7.6	486.0	Yes	5510.0MHz, -63.0dBm	Single burst
10	18	6.5	403.0	Yes	5510.0MHz, -63.0dBm	Single burst
11	16	8.7	365.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	18	8.1	221.0	Yes	5510.0MHz, -63.0dBm	Single burst
13	18	7.1	335.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	17	7.7	495.0	Yes	5510.0MHz, -63.0dBm	Single burst
15	16	7.1	321.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	17	8.2	237.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	17	7.3	343.0	Yes	5510.0MHz, -63.0dBm	Single burst
18	18	8.6	307.0	Yes	5510.0MHz, -63.0dBm	Single burst
19	17	6.3	481.0	Yes	5510.0MHz, -63.0dBm	Single burst
20	18	7.7	455.0	Yes	5510.0MHz, -63.0dBm	Single burst
21	17	6.6	499.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	16	7.2	430.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	18	9.3	395.0	Yes	5510.0MHz, -63.0dBm	Single burst
24	16	7.0	392.0	Yes	5510.0MHz, -63.0dBm	Single burst
25	18	9.1	377.0	Yes	5510.0MHz, -63.0dBm	Single burst
26	17	6.2	386.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	17	8.9	368.0	Yes	5510.0MHz, -63.0dBm	Single burst
28	18	7.5	288.0	Yes	5510.0MHz, -63.0dBm	Single burst
29	17	7.1	314.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	17	7.3	372.0	Yes	5510.0MHz, -63.0dBm	Single burst

Table 19 - FCC Short Pulse Radar (Type 4) Results 10MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	13	12.5	482.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	16	19.7	429.0	Yes	5510.0MHz, -63.0dBm	Single burst
3	12	18.3	269.0	Yes	5510.0MHz, -63.0dBm	Single burst
4	16	13.7	263.0	Yes	5510.0MHz, -63.0dBm	Single burst
5	12	11.8	249.0	Yes	5510.0MHz, -63.0dBm	Single burst
6	12	16.0	241.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	14	16.1	392.0	Yes	5510.0MHz, -63.0dBm	Single burst
8	15	12.1	321.0	Yes	5510.0MHz, -63.0dBm	Single burst
9	15	11.9	286.0	Yes	5510.0MHz, -63.0dBm	Single burst
10	12	18.6	408.0	Yes	5510.0MHz, -63.0dBm	Single burst
11	15	16.2	242.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	12	15.5	221.0	Yes	5510.0MHz, -63.0dBm	Single burst
13	13	19.5	490.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	16	13.7	203.0	Yes	5510.0MHz, -63.0dBm	Single burst
15	15	13.4	481.0	Yes	5510.0MHz, -63.0dBm	Single burst
16	13	15.9	269.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	12	13.9	473.0	Yes	5510.0MHz, -63.0dBm	Single burst
18	13	15.3	221.0	Yes	5510.0MHz, -63.0dBm	Single burst
19	15	14.7	405.0	Yes	5510.0MHz, -63.0dBm	Single burst
20	14	15.6	471.0	Yes	5510.0MHz, -63.0dBm	Single burst
21	16	17.8	314.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	12	13.2	334.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	16	12.4	292.0	Yes	5510.0MHz, -63.0dBm	Single burst
24	16	17.5	209.0	Yes	5510.0MHz, -63.0dBm	Single burst
25	13	19.6	244.0	Yes	5510.0MHz, -63.0dBm	Single burst
26	15	16.3	247.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	12	17.3	310.0	Yes	5510.0MHz, -63.0dBm	Single burst
28	16	11.9	303.0	Yes	5510.0MHz, -63.0dBm	Single burst
29	15	18.0	300.0	Yes	5510.0MHz, -63.0dBm	Single burst
30	16	16.5	425.0	Yes	5510.0MHz, -63.0dBm	Single burst

Table 20 - Long Sequence Waveform Summary 10MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -63.0dBm
Trial #2	Detected	5510.0MHz, -63.0dBm
Trial #3	Detected	5510.0MHz, -63.0dBm
Trial #4	Detected	5510.0MHz, -63.0dBm
Trial #5	Detected	5510.0MHz, -63.0dBm
Trial #6	Detected	5510.0MHz, -63.0dBm
Trial #7	Detected	5510.0MHz, -63.0dBm
Trial #8	Detected	5510.0MHz, -63.0dBm
Trial #9	Detected	5510.0MHz, -63.0dBm
Trial #10	Detected	5510.0MHz, -63.0dBm
Trial #11	Detected	5510.0MHz, -63.0dBm
Trial #12	Detected	5510.0MHz, -63.0dBm
Trial #13	Detected	5510.0MHz, -63.0dBm
Trial #14	Detected	5510.0MHz, -63.0dBm
Trial #15	Detected	5510.0MHz, -63.0dBm
Trial #16	Detected	5510.0MHz, -63.0dBm
Trial #17	Detected	5510.0MHz, -63.0dBm
Trial #18	Detected	5510.0MHz, -63.0dBm
Trial #19	Detected	5510.0MHz, -63.0dBm
Trial #20	Detected	5510.0MHz, -63.0dBm
Trial #21	Detected	5510.0MHz, -63.0dBm
Trial #22	Detected	5510.0MHz, -63.0dBm
Trial #23	Detected	5510.0MHz, -63.0dBm
Trial #24	Detected	5510.0MHz, -63.0dBm
Trial #25	Detected	5510.0MHz, -63.0dBm
Trial #26	Detected	5510.0MHz, -63.0dBm
Trial #27	Detected	5510.0MHz, -63.0dBm
Trial #28	Detected	5510.0MHz, -63.0dBm
Trial #29	Detected	5510.0MHz, -63.0dBm
Trial #30	Detected	5510.0MHz, -63.0dBm

Table 21 - Long Sequence Waveform Trial#1 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	98.8	19	1852.0	-	0.305548
2	2	77.8	6	1936.0	-	0.870049
3	1	51.2	17	-	-	1.547322
4	1	78.8	18	-	-	2.496478
5	3	99.1	10	1727.0	1703.0	2.567505
6	2	76.7	10	1507.0	-	3.346263
7	3	57.0	18	1641.0	1973.0	3.844443
8	1	84.4	15	-	-	4.858559
9	2	63.8	7	1427.0	-	5.513826
10	2	76.3	9	1407.0	-	6.305771
11	1	94.2	18	-	-	6.732734
12	2	83.4	6	1424.0	-	7.386245
13	2	57.9	6	1032.0	-	7.714526
14	3	72.5	17	1416.0	1636.0	8.590231
15	3	87.8	6	1285.0	1673.0	8.853568
16	2	93.1	10	1571.0	-	9.593305
17	1	55.9	16	-	-	10.482679
18	2	69.8	6	1563.0	-	10.951435
19	2	61.2	9	1338.0	-	11.918901

Table 22 - Long Sequence Waveform Trial#2 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	51.0	10	1200.0	1821.0	0.453485
2	2	74.8	19	1225.0	-	1.059442
3	2	55.8	10	1645.0	-	1.318237
4	2	73.5	17	1726.0	-	1.887921
5	1	82.9	16	-	-	2.465142
6	2	98.3	6	1938.0	-	3.385319
7	1	78.7	16	-	-	3.973865
8	1	79.4	13	-	-	4.475859
9	3	92.7	14	1928.0	1132.0	4.941230
10	2	54.5	17	1367.0	-	5.659142
11	1	55.0	6	-	-	6.250610
12	1	89.3	15	-	-	6.662351
13	2	74.9	9	1031.0	-	7.246529
14	2	83.9	7	1710.0	-	7.883372
15	2	85.9	8	1090.0	-	8.726016
16	2	61.8	11	1933.0	-	9.152231
17	3	91.4	16	1957.0	1310.0	9.929730
18	1	73.4	12	-	-	10.729763
19	2	76.8	13	1023.0	-	11.103155
20	3	93.0	18	1829.0	1614.0	11.502733

Table 23 - Long Sequence Waveform Trial#3 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.1	11	1759.0	1672.0	0.029892
2	1	96.1	7	-	-	0.876170
3	2	88.1	14	1177.0	-	2.154941
4	2	55.6	11	1456.0	-	3.012238
5	2	96.0	12	1492.0	-	3.639788
6	2	97.9	18	1694.0	-	4.856368
7	2	97.4	5	1820.0	-	5.423801
8	2	57.3	18	1323.0	-	6.698744
9	2	55.8	8	1304.0	-	6.862384
10	1	61.0	15	-	-	8.545904
11	3	58.1	14	1614.0	1946.0	8.652549
12	2	76.5	10	1638.0	-	9.686670
13	1	66.4	12	-	-	10.344552
14	3	97.4	16	1896.0	1706.0	11.992254

Table 24 - Long Sequence Waveform Trial#4 (Detected) OFDM 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	72.1	14	1009.0	-	0.979875
2	2	51.1	8	1537.0	-	1.735406
3	2	78.6	6	1840.0	-	4.178598
4	1	87.9	15	-	-	4.700979
5	2	74.8	10	1277.0	-	6.490527
6	2	90.8	14	1059.0	-	7.565855
7	1	98.9	9	-	-	9.143626
8	2	63.5	7	1272.0	-	11.046924

Table 25 - Long Sequence Waveform Trial#5 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.9	17	-	-	0.277124
2	2	82.3	11	1153.0	-	2.589677
3	2	52.7	5	1058.0	-	3.708419
4	2	79.0	10	1830.0	-	4.789518
5	3	83.4	12	1155.0	1198.0	6.490794
6	2	51.4	7	1416.0	-	6.827217
7	3	59.9	9	1683.0	1362.0	8.629077
8	2	50.8	11	1163.0	-	9.408612
9	3	72.0	9	1057.0	1135.0	11.122399

Table 26 - Long Sequence Waveform Trial#6 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	70.2	15	1490.0	1805.0	0.289239
2	2	82.0	12	1684.0	-	1.182991
3	3	94.6	16	1477.0	1253.0	1.435453
4	3	52.4	10	1735.0	1873.0	2.257777
5	2	92.6	10	1428.0	-	3.077882
6	1	80.2	19	-	-	3.513023
7	1	99.9	15	-	-	4.052572
8	2	58.9	10	1833.0	-	5.002287
9	2	54.5	14	1516.0	-	5.083540
10	2	75.1	15	1984.0	-	6.214771
11	1	71.9	13	-	-	6.400070
12	2	52.3	10	1182.0	-	7.463495
13	1	76.3	12	-	-	7.767919
14	1	82.2	20	-	-	8.757055
15	2	77.9	20	1470.0	-	8.940354
16	3	84.2	8	1145.0	1166.0	9.775351
17	2	83.1	17	1121.0	-	10.533716
18	2	91.5	14	1154.0	-	11.293805
19	3	86.8	13	1471.0	1538.0	11.764717

Table 27 - Long Sequence Waveform Trial#7 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.1	20	1208.0	-	0.203663
2	2	68.3	16	1539.0	-	1.056587
3	3	93.3	8	1571.0	1706.0	1.439888
4	2	81.8	19	1203.0	-	2.001992
5	2	83.7	19	1954.0	-	2.725106
6	2	70.0	15	1101.0	-	3.391758
7	1	84.3	12	-	-	4.227498
8	3	67.6	19	1874.0	1418.0	5.008631
9	1	85.6	6	-	-	5.490515
10	2	58.7	9	1456.0	-	6.045257
11	1	64.0	12	-	-	6.943416
12	2	75.2	11	1017.0	-	7.343003
13	3	63.1	19	1820.0	1598.0	8.204045
14	3	65.8	9	1098.0	1025.0	8.255660
15	1	87.8	11	-	-	8.864586
16	1	89.6	13	-	-	10.032160
17	3	53.0	13	1133.0	1707.0	10.312041
18	2	69.5	15	1753.0	-	10.932038
19	1	51.0	11	-	-	11.589493

Table 28 - Long Sequence Waveform Trial#8 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	73.1	7	-	-	0.383891
2	1	79.4	13	-	-	0.882128
3	1	89.8	19	-	-	1.682417
4	2	76.6	17	1583.0	-	1.943766
5	3	54.0	9	1289.0	1355.0	2.932080
6	2	55.9	7	1503.0	-	3.124812
7	2	89.1	7	1522.0	-	4.009043
8	2	96.6	8	1660.0	-	4.424130
9	3	95.0	14	1905.0	1290.0	4.983736
10	3	56.5	17	1046.0	1145.0	5.954410
11	2	84.4	18	1315.0	-	6.380085
12	3	97.1	12	1120.0	1074.0	7.126463
13	3	64.1	9	1194.0	1965.0	7.372179
14	2	99.8	11	1519.0	-	8.358234
15	2	60.1	12	1431.0	-	8.473921
16	1	96.0	15	-	-	9.298917
17	1	59.1	11	-	-	10.191895
18	1	62.5	15	-	-	10.363404
19	3	59.9	13	1740.0	1326.0	10.826944
20	2	60.3	8	1984.0	-	11.519428

Table 29 - Long Sequence Waveform Trial#9 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	73.3	15	-	-	1.273524
2	2	73.6	6	1183.0	-	1.582427
3	3	76.7	10	1953.0	1122.0	3.985881
4	2	54.6	19	1460.0	-	5.005926
5	2	51.3	17	1778.0	-	6.193820
6	3	86.6	5	1004.0	1651.0	7.756749
7	1	77.0	12	-	-	8.466914
8	3	70.1	13	1900.0	1370.0	9.471261
9	1	67.4	7	-	-	11.675185

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

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	98.2	15	1817.0	-	0.625979
2	2	50.8	16	1429.0	-	2.030344
3	2	70.2	18	1539.0	-	3.374891
4	3	57.7	6	1072.0	1478.0	4.843686
5	1	71.5	9	-	-	5.477255
6	3	50.3	9	1749.0	1793.0	7.287460
7	2	95.0	6	1030.0	-	9.272567
8	1	65.4	11	-	-	9.854278
9	3	68.0	9	1567.0	1866.0	11.749856

Table 31 - Long Sequence Waveform Trial#11 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	78.5	14	-	-	0.343285
2	2	68.9	8	1412.0	-	1.230694
3	2	71.7	7	1098.0	-	1.761600
4	2	95.3	14	1401.0	-	2.488943
5	2	98.9	12	1092.0	-	2.790193
6	2	94.5	5	1595.0	-	3.523255
7	1	87.9	15	-	-	4.065375
8	2	87.6	5	1389.0	-	4.677586
9	1	63.4	8	-	-	5.645409
10	3	64.6	16	1875.0	1069.0	6.446502
11	2	88.2	18	1270.0	-	6.776114
12	2	91.7	12	1691.0	-	7.396865
13	3	96.7	14	1550.0	1448.0	8.436947
14	1	90.3	18	-	-	8.682758
15	3	80.7	17	1837.0	1239.0	9.686806
16	2	86.7	8	1340.0	-	10.023972
17	2	67.5	17	1157.0	-	10.795205
18	2	96.5	5	1043.0	-	11.847412

Table 32 - Long Sequence Waveform Trial#12 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.8	12	1716.0	-	0.502600
2	1	55.5	12	-	-	1.611941
3	2	96.6	14	1370.0	-	2.528406
4	3	87.0	18	1426.0	1168.0	2.782914
5	1	71.1	15	-	-	4.416908
6	1	82.4	14	-	-	5.099785
7	2	89.0	18	1157.0	-	5.694265
8	3	85.6	13	1490.0	1998.0	6.891567
9	2	97.2	15	1828.0	-	7.696810
10	3	61.9	16	1601.0	1478.0	8.797700
11	2	60.1	7	1392.0	-	10.088317
12	2	95.6	7	1636.0	-	10.160136
13	3	96.5	8	1929.0	1883.0	11.564256

Table 33 - Long Sequence Waveform Trial#13 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	50.9	20	1389.0	1820.0	0.644594
2	2	63.5	6	1889.0	-	0.902132
3	3	75.2	9	1048.0	1304.0	1.985983
4	2	59.6	18	1906.0	-	2.346363
5	2	83.3	9	1433.0	-	2.791754
6	3	97.1	8	1674.0	1552.0	3.630242
7	3	55.8	15	1337.0	1662.0	4.264943
8	1	54.5	15	-	-	5.332586
9	1	56.5	16	-	-	5.660779
10	2	71.7	18	1601.0	-	6.541083
11	2	51.1	10	1128.0	-	6.668733
12	2	61.7	10	1629.0	-	7.657062
13	2	76.3	12	1298.0	-	8.564478
14	3	82.5	10	1221.0	1327.0	9.250955
15	2	55.7	15	1546.0	-	9.333863
16	1	88.4	16	-	-	10.179661
17	3	89.0	20	1272.0	1517.0	10.768081
18	1	62.2	18	-	-	11.689705

Table 34 - Long Sequence Waveform Trial#14 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.3	8	1032.0	-	0.052646
2	1	65.6	11	-	-	1.364874
3	1	89.3	18	-	-	1.909949
4	2	91.1	10	1912.0	-	2.461506
5	2	56.0	13	1212.0	-	3.820654
6	2	72.8	13	1682.0	-	4.325387
7	2	53.2	11	1188.0	-	5.488625
8	2	91.0	18	1252.0	-	6.312468
9	1	83.9	14	-	-	6.850074
10	3	69.0	18	1547.0	1312.0	7.558818
11	3	65.7	20	1781.0	1918.0	8.553917
12	2	52.1	6	1102.0	-	9.166041
13	1	82.8	9	-	-	10.077920
14	1	81.3	10	-	-	11.164881
15	3	71.0	16	1867.0	1118.0	11.719412

Table 35 - Long Sequence Waveform Trial#15 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	83.8	5	1996.0	1100.0	0.481633
2	2	54.2	7	1861.0	-	1.110887
3	2	72.9	17	1726.0	-	1.664296
4	2	63.9	17	1552.0	-	3.138233
5	2	82.2	12	1233.0	-	3.703389
6	1	89.1	18	-	-	4.643911
7	2	92.3	14	1174.0	-	4.929084
8	3	98.6	5	1933.0	1734.0	5.604798
9	1	61.5	5	-	-	7.026149
10	2	80.0	5	1879.0	-	7.476687
11	3	72.3	8	1452.0	1165.0	8.743229
12	3	98.8	8	1838.0	1595.0	9.578685
13	1	78.3	18	-	-	9.978571
14	2	95.3	15	1847.0	-	11.177328
15	3	59.2	16	1343.0	1211.0	11.765335

Table 36 - Long Sequence Waveform Trial#16 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	74.2	11	1175.0	-	0.165724
2	2	78.5	8	1709.0	-	0.762330
3	1	69.6	9	-	-	1.725873
4	1	75.9	18	-	-	2.269437
5	1	90.1	11	-	-	2.707292
6	2	94.0	15	1767.0	-	3.434141
7	2	76.8	15	1268.0	-	3.686379
8	1	89.4	13	-	-	4.396074
9	3	75.8	20	1668.0	1034.0	4.954922
10	2	55.6	10	1027.0	-	5.665734
11	1	62.8	11	-	-	6.563361
12	3	59.3	6	1986.0	1160.0	7.185612
13	1	52.1	13	-	-	7.370696
14	2	77.9	15	1517.0	-	7.860437
15	2	56.5	17	1008.0	-	8.823736
16	2	87.7	9	1373.0	-	9.497642
17	3	91.4	6	1189.0	1790.0	9.921646
18	3	81.1	20	1319.0	1420.0	10.741064
19	3	84.2	11	1516.0	1122.0	11.193951
20	1	98.5	19	-	-	11.439455

Table 37 - Long Sequence Waveform Trial#17 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	92.6	20	-	-	0.534551
2	2	92.5	15	1242.0	-	1.067758
3	3	86.8	19	1401.0	1692.0	2.161773
4	2	79.9	7	1935.0	-	2.799520
5	2	86.3	8	1021.0	-	3.604561
6	2	53.0	15	1340.0	-	3.821313
7	2	60.6	9	1584.0	-	4.851740
8	2	79.1	16	1002.0	-	5.982280
9	1	76.3	13	-	-	6.254094
10	2	64.7	18	1721.0	-	7.063616
11	2	58.0	6	1270.0	-	7.680749
12	2	89.4	8	1837.0	-	8.863656
13	3	92.3	5	1191.0	1459.0	9.547844
14	3	62.9	17	1477.0	1994.0	9.799533
15	2	71.3	7	1715.0	-	10.538305
16	2	53.9	18	1350.0	-	11.974924

Table 38 - Long Sequence Waveform Trial#18 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.5	6	1732.0	-	0.652552
2	3	83.9	15	1241.0	1097.0	1.501670
3	1	81.5	11	-	-	2.792470
4	2	85.2	18	1020.0	-	3.536001
5	3	98.7	10	1655.0	1877.0	4.397389
6	2	81.4	14	1720.0	-	5.054648
7	3	91.7	5	1916.0	1421.0	6.635654
8	1	75.5	10	-	-	7.919405
9	2	53.5	20	1273.0	-	8.506232
10	2	57.1	12	1602.0	-	9.166291
11	3	55.0	12	1386.0	1449.0	10.264528
12	3	76.1	14	1735.0	1560.0	11.039832

Table 39 - Long Sequence Waveform Trial#19 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.9	20	1271.0	-	0.890080
2	3	76.6	18	1992.0	1780.0	1.055610
3	1	58.5	18	-	-	2.172948
4	2	98.0	6	1481.0	-	3.140583
5	2	82.3	19	1793.0	-	3.793100
6	2	87.8	18	1666.0	-	4.655817
7	1	88.0	12	-	-	6.331968
8	3	66.7	11	1269.0	1206.0	6.839586
9	3	52.6	19	1791.0	1377.0	7.999492
10	2	75.3	11	1602.0	-	8.348082
11	1	94.2	19	-	-	9.326539
12	1	92.7	9	-	-	10.715078
13	2	68.4	6	1167.0	-	11.893841

Table 40 - Long Sequence Waveform Trial#20 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.5	18	1607.0	-	0.344396
2	2	92.1	18	1463.0	-	2.659148
3	1	50.6	15	-	-	3.961126
4	2	98.7	17	1132.0	-	4.554818
5	3	69.9	12	1567.0	1049.0	5.692554
6	3	80.5	13	1810.0	1241.0	7.972149
7	3	94.8	19	1117.0	1625.0	9.101844
8	2	72.8	18	1905.0	-	9.999570
9	3	80.6	12	1653.0	1665.0	11.504546

Table 41 - Long Sequence Waveform Trial#21 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.4	11	1416.0	-	0.905655
2	1	60.8	10	-	-	1.647660
3	3	61.1	11	1862.0	1651.0	2.158480
4	2	82.4	16	1392.0	-	3.474515
5	2	85.0	14	1678.0	-	4.144330
6	1	83.4	10	-	-	4.693201
7	1	60.6	18	-	-	5.752314
8	1	55.0	20	-	-	7.262677
9	2	55.6	9	1961.0	-	7.437301
10	1	69.8	12	-	-	8.638928
11	3	53.4	8	1821.0	1318.0	9.307752
12	2	92.5	9	1843.0	-	10.833046
13	1	83.2	10	-	-	11.347076

Table 42 - Long Sequence Waveform Trial#22 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	90.1	18	1667.0	-	0.721694
2	3	87.0	10	1051.0	1409.0	1.327362
3	1	53.2	15	-	-	2.149524
4	2	55.3	12	1528.0	-	2.741019
5	2	64.6	9	1018.0	-	3.765295
6	1	78.5	17	-	-	4.731310
7	2	85.2	19	1887.0	-	5.254317
8	2	59.0	18	1618.0	-	5.823672
9	2	64.4	8	1817.0	-	6.499970
10	3	60.9	15	1740.0	1702.0	7.218980
11	3	97.2	11	1262.0	1510.0	8.210563
12	2	74.3	12	1131.0	-	9.218956
13	3	67.9	7	1841.0	1483.0	9.868586
14	2	63.7	14	1102.0	-	10.565125
15	2	52.7	12	1086.0	-	11.467382

Table 43 - Long Sequence Waveform Trial#23 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	65.6	9	1806.0	-	0.391187
2	1	95.9	11	-	-	1.252865
3	3	90.9	12	1262.0	1027.0	1.847006
4	2	91.6	12	1497.0	-	2.456197
5	2	65.0	12	1810.0	-	2.981480
6	2	94.5	8	1690.0	-	3.365680
7	2	86.8	8	1647.0	-	4.039505
8	1	88.4	19	-	-	4.763064
9	1	71.7	12	-	-	5.668417
10	2	67.2	16	1197.0	-	5.686743
11	2	53.3	15	1520.0	-	6.331777
12	2	94.2	10	1293.0	-	7.354502
13	1	98.8	7	-	-	8.029348
14	3	60.2	5	1737.0	1812.0	8.819405
15	2	55.9	7	1283.0	-	8.920719
16	3	68.9	8	1977.0	1101.0	9.552943
17	1	68.1	18	-	-	10.432133
18	1	74.0	17	-	-	11.235294
19	3	53.0	6	1156.0	1599.0	11.729946

Table 44 - Long Sequence Waveform Trial#24 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	79.8	13	-	-	0.439917
2	2	99.1	9	1735.0	-	1.282817
3	2	66.4	17	1321.0	-	1.790489
4	2	58.6	9	1968.0	-	2.643933
5	1	92.3	16	-	-	3.188532
6	1	91.7	20	-	-	4.082839
7	1	75.3	11	-	-	4.316285
8	2	95.3	11	1522.0	-	5.048995
9	2	89.7	11	1318.0	-	6.091392
10	1	63.2	8	-	-	7.018123
11	2	71.7	10	1223.0	-	7.381816
12	1	75.4	5	-	-	7.766918
13	3	51.5	11	1480.0	1619.0	8.678954
14	3	69.7	17	1735.0	1046.0	9.753073
15	3	76.9	20	1925.0	1397.0	10.371856
16	1	69.5	15	-	-	11.200669
17	1	72.0	19	-	-	11.710296

Table 45 - Long Sequence Waveform Trial#25 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	89.0	11	-	-	0.405154
2	1	70.3	10	-	-	1.103728
3	2	53.1	9	1357.0	-	1.720946
4	2	60.1	13	1155.0	-	3.172922
5	2	82.8	7	1287.0	-	3.866992
6	1	85.0	11	-	-	4.353774
7	2	88.4	16	1601.0	-	5.101992
8	1	77.0	20	-	-	6.366208
9	1	62.0	11	-	-	6.921668
10	2	83.2	16	1676.0	-	7.513566
11	1	76.0	7	-	-	8.383935
12	3	87.9	9	1603.0	1399.0	9.031822
13	2	75.3	17	1226.0	-	10.001023
14	1	77.5	5	-	-	10.866201
15	2	54.9	10	1809.0	-	11.503815

Table 46 - Long Sequence Waveform Trial#26 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	89.4	14	1432.0	-	0.616259
2	2	98.6	12	1635.0	-	1.109617
3	3	52.2	13	1788.0	1355.0	1.455482
4	2	62.2	7	1656.0	-	2.247439
5	1	56.1	9	-	-	2.865548
6	2	82.9	8	1248.0	-	3.673832
7	2	87.0	18	1199.0	-	4.402900
8	3	78.2	10	1181.0	1262.0	4.983422
9	1	96.0	13	-	-	5.374940
10	2	63.5	7	1526.0	-	6.376540
11	3	81.2	8	1419.0	1528.0	7.298166
12	2	80.4	18	1065.0	-	7.343969
13	2	85.6	9	1681.0	-	8.027866
14	2	73.0	19	1475.0	-	8.806569
15	3	73.6	14	1449.0	1642.0	9.370252
16	3	91.1	10	1592.0	1997.0	10.297844
17	2	69.7	19	1982.0	-	11.249796
18	2	67.3	16	1809.0	-	11.611321

Table 47 - Long Sequence Waveform Trial#27 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	96.9	13	1979.0	1328.0	0.165363
2	2	62.3	9	1576.0	-	0.853805
3	1	94.1	10	-	-	1.717053
4	1	53.6	13	-	-	1.900694
5	2	57.1	19	1420.0	-	2.908124
6	3	96.3	15	1474.0	1679.0	3.051633
7	3	63.4	14	1451.0	1708.0	4.109703
8	2	82.1	20	1922.0	-	4.703150
9	1	57.3	9	-	-	4.937623
10	2	93.7	11	1121.0	-	5.519039
11	1	64.3	16	-	-	6.003119
12	3	70.3	9	1964.0	1282.0	6.746998
13	1	69.0	9	-	-	7.238952
14	3	98.4	18	1193.0	1048.0	8.034502
15	3	94.5	16	1704.0	1650.0	8.869094
16	1	69.0	15	-	-	9.082954
17	2	84.3	14	1382.0	-	9.661520
18	2	72.4	9	1640.0	-	10.473234
19	1	72.1	7	-	-	10.959447
20	3	82.2	7	1548.0	1924.0	11.726165

Table 48 - Long Sequence Waveform Trial#28 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	81.9	12	1716.0	1471.0	0.302593
2	1	74.3	13	-	-	1.828387
3	2	52.1	19	1237.0	-	2.319333
4	3	56.6	19	1762.0	1342.0	2.924333
5	2	63.6	11	1028.0	-	4.043957
6	2	93.6	9	1268.0	-	4.646884
7	3	92.1	8	1139.0	1748.0	5.794635
8	2	91.0	11	1197.0	-	6.530098
9	1	51.9	6	-	-	7.550056
10	2	61.6	13	1523.0	-	8.944795
11	1	53.3	15	-	-	9.307829
12	3	97.3	8	1793.0	1525.0	10.562418
13	2	87.0	5	1978.0	-	11.275843

Table 49 - Long Sequence Waveform Trial#29 (Detected) 10MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.7	19	1755.0	-	0.078375
2	2	91.0	19	1313.0	-	0.761018
3	2	75.2	7	1215.0	-	1.362461
4	2	51.3	7	1674.0	-	2.256299
5	2	57.1	5	1469.0	-	2.953083
6	3	76.8	14	1766.0	1133.0	3.186492
7	3	79.2	12	1440.0	1136.0	4.077596
8	1	84.5	15	-	-	4.996346
9	2	75.2	13	1833.0	-	5.435509
10	2	62.0	8	1116.0	-	6.277245
11	1	96.8	16	-	-	6.355938
12	2	79.8	11	1388.0	-	7.135398
13	1	97.4	12	-	-	7.879857
14	2	83.0	12	1868.0	-	8.587126
15	2	91.4	12	1440.0	-	9.245770
16	3	85.6	6	1163.0	1053.0	9.682335
17	3	69.7	7	1658.0	1455.0	10.352737
18	3	64.6	12	1214.0	1212.0	10.787450
19	1	58.2	12	-	-	11.549899

Table 50 - Long Sequence Waveform Trial#30 (Detected) 10MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	94.7	8	1427.0	-	0.607216
2	2	65.3	16	1583.0	-	1.064566
3	1	52.3	20	-	-	1.601085
4	2	94.1	8	1558.0	-	2.224727
5	3	52.3	9	1577.0	1669.0	2.795996
6	2	61.0	17	1361.0	-	3.648337
7	1	60.7	9	-	-	4.142449
8	2	72.2	7	1595.0	-	5.031115
9	3	64.6	13	1470.0	1924.0	5.582365
10	2	93.7	7	1594.0	-	6.640153
11	1	62.2	16	-	-	6.901844
12	1	78.4	8	-	-	7.575516
13	2	83.8	12	1278.0	-	8.081945
14	2	66.5	10	1733.0	-	8.685478
15	1	98.9	13	-	-	9.496253
16	3	58.8	7	1366.0	1283.0	10.418778
17	3	81.2	18	1571.0	1828.0	10.988516
18	1	91.1	13	-	-	11.828463

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5316, 5699, 5279, 5491, 5623, 5612, 5719, 5435, 5542, 5444, 5412, 5531, 5305, 5326, 5687, 5342, 5578, 5636, 5557, 5487, 5325, 5256, 5349, 5302, 5639, 5387, 5446, 5550, 5346, 5426, 5587, 5395, 5520, 5598, 5430, 5649, 5479, 5712, 5419, 5477, 5694, 5464, 5721, 5341, 5272, 5378, 5613, 5615, 5522, 5376, 5261, 5393, 5684, 5296, 5673, 5327, 5535, 5333, 5544, 5541, 5533, 5278, 5711, 5452, 5704, 5461, 5362, 5312, 5318, 5508, 5570, 5415, 5566, 5307, 5459, 5297, 5722, 5433, 5392, 5607, 5574, 5546, 5484, 5697, 5597, 5445, 5703, 5251, 5724, 5443, 5691, 5270, 5259, 5683, 5474, 5700, 5488, 5304, 5536, 5281 (1 hits) (10/29/2013 03:14:27 PM)
2	9	1.0	333.0	Yes	5515.0MHz, -63.0dBm	Hop sequence: 5665, 5455, 5438, 5250, 5714, 5378, 5598, 5467, 5298, 5493, 5700, 5307, 5630, 5515, 5367, 5460, 5508, 5366, 5267, 5407, 5689, 5423, 5425, 5593, 5646, 5440, 5437, 5715, 5316, 5538, 5481, 5671, 5262, 5722, 5339, 5645, 5340, 5504, 5286, 5322, 5577, 5708, 5329, 5314, 5628, 5699, 5587, 5491, 5461, 5285, 5549, 5287, 5607, 5345, 5539, 5310, 5389, 5430, 5690, 5517, 5723, 5576, 5274, 5602, 5364, 5639, 5466, 5677, 5625, 5439, 5557, 5332, 5611, 5702, 5575, 5360, 5346, 5476, 5273, 5293, 5692, 5537, 5501, 5705, 5277, 5623, 5649, 5443, 5270, 5473, 5289, 5603, 5558, 5312, 5442, 5432, 5300, 5348, 5321, 5684 (2 hits) (10/29/2013 03:14:40 PM)
3	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5451, 5521, 5662, 5573, 5318, 5380, 5417, 5605, 5518, 5542, 5296, 5290, 5639, 5395, 5579, 5596, 5537, 5285, 5289, 5462, 5384, 5433, 5663, 5367, 5698, 5603, 5665, 5553, 5656, 5536, 5483, 5320, 5500, 5268, 5414, 5622, 5377, 5672, 5565, 5425, 5301, 5442, 5538, 5522, 5604, 5535, 5514, 5350,

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5520, 5353, 5597, 5456, 5685, 5255, 5533, 5673, 5339, 5611, 5398, 5614, 5546, 5340, 5429, 5694, 5379, 5322, 5438, 5499, 5376, 5580, 5293, 5699, 5688, 5358, 5382, 5544, 5492, 5423, 5431, 5457, 5588, 5720, 5660, 5661, 5357, 5631, 5335, 5669, 5326, 5674, 5589, 5472, 5361, 5485, 5709, 5461, 5534, 5286, 5701, 5598 (1 hits) (10/29/2013 03:14:49 PM)
4	9	1.0	333.0	No	5507.0MHz, -63.0dBm	Hop sequence: 5295, 5633, 5520, 5262, 5259, 5429, 5493, 5373, 5299, 5685, 5499, 5357, 5498, 5621, 5347, 5599, 5481, 5338, 5606, 5642, 5360, 5294, 5283, 5572, 5534, 5351, 5397, 5700, 5407, 5707, 5368, 5575, 5272, 5297, 5654, 5437, 5431, 5598, 5382, 5559, 5408, 5719, 5404, 5332, 5258, 5336, 5665, 5670, 5291, 5376, 5632, 5433, 5380, 5514, 5688, 5440, 5692, 5307, 5391, 5600, 5540, 5631, 5399, 5556, 5495, 5455, 5607, 5343, 5699, 5687, 5649, 5276, 5595, 5555, 5510, 5702, 5532, 5417, 5601, 5365, 5285, 5339, 5604, 5444, 5721, 5655, 5713, 5335, 5677, 5384, 5501, 5683, 5372, 5482, 5619, 5712, 5315, 5447, 5349, 5553 (2 hits) (10/29/2013 03:14:57 PM)
5	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5611, 5669, 5385, 5328, 5299, 5608, 5396, 5296, 5505, 5399, 5369, 5402, 5685, 5630, 5631, 5410, 5676, 5507, 5435, 5646, 5672, 5259, 5543, 5607, 5413, 5590, 5352, 5429, 5525, 5528, 5673, 5386, 5423, 5723, 5508, 5708, 5452, 5287, 5274, 5697, 5276, 5639, 5645, 5272, 5357, 5424, 5620, 5427, 5418, 5337, 5373, 5463, 5502, 5318, 5283, 5542, 5347, 5570, 5278, 5547, 5627, 5457, 5715, 5383, 5670, 5372, 5422, 5574, 5712, 5491, 5273, 5509, 5584, 5710, 5262, 5294, 5412, 5290, 5414, 5597, 5270, 5559, 5692, 5664, 5555, 5517, 5348, 5403, 5648, 5578, 5333, 5332, 5618, 5454, 5401, 5478, 5649, 5494, 5464, 5489 (3 hits) (10/29/2013

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:15:09 PM)
6	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5413, 5605, 5724, 5558, 5471, 5593, 5531, 5575, 5382, 5660, 5270, 5450, 5485, 5489, 5477, 5442, 5597, 5312, 5327, 5293, 5604, 5581, 5629, 5603, 5354, 5631, 5689, 5380, 5560, 5393, 5516, 5652, 5648, 5459, 5676, 5580, 5639, 5486, 5331, 5709, 5586, 5320, 5701, 5313, 5305, 5269, 5594, 5433, 5289, 5616, 5280, 5476, 5340, 5264, 5388, 5509, 5275, 5638, 5315, 5665, 5404, 5653, 5686, 5432, 5258, 5250, 5636, 5295, 5644, 5326, 5658, 5550, 5394, 5254, 5434, 5338, 5621, 5402, 5554, 5533, 5659, 5495, 5615, 5596, 5319, 5703, 5329, 5669, 5584, 5281, 5680, 5578, 5650, 5401, 5300, 5439, 5294, 5643, 5316, 5539 (1 hits) (10/29/2013 03:15:19 PM)
7	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5306, 5281, 5331, 5724, 5419, 5661, 5585, 5652, 5693, 5294, 5675, 5310, 5261, 5527, 5583, 5670, 5609, 5540, 5376, 5335, 5430, 5271, 5615, 5449, 5410, 5696, 5266, 5354, 5444, 5252, 5618, 5469, 5593, 5311, 5384, 5651, 5635, 5334, 5270, 5669, 5385, 5483, 5717, 5278, 5668, 5586, 5396, 5351, 5274, 5595, 5251, 5647, 5655, 5445, 5374, 5697, 5272, 5381, 5389, 5464, 5687, 5542, 5256, 5715, 5607, 5683, 5679, 5300, 5606, 5284, 5720, 5573, 5637, 5639, 5390, 5646, 5282, 5377, 5358, 5528, 5265, 5608, 5470, 5416, 5318, 5257, 5549, 5667, 5338, 5520, 5337, 5409, 5303, 5431, 5345, 5703, 5591, 5707, 5473, 5510 (1 hits) (10/29/2013 03:15:28 PM)
8	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5507, 5522, 5313, 5602, 5646, 5354, 5482, 5302, 5429, 5711, 5291, 5631, 5430, 5369, 5516, 5340, 5669, 5666, 5397, 5299, 5610, 5565, 5636, 5551, 5635, 5575, 5317, 5279, 5427, 5437, 5388, 5624, 5571, 5422, 5606, 5725, 5489, 5323, 5374, 5707, 5691, 5330, 5684, 5408, 5539, 5676, 5301, 5553,

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5480, 5688, 5398, 5383, 5568, 5701, 5555, 5377, 5500, 5412, 5638, 5670, 5605, 5321, 5418, 5581, 5542, 5403, 5501, 5580, 5273, 5351, 5679, 5716, 5277, 5625, 5417, 5267, 5472, 5623, 5712, 5713, 5681, 5600, 5423, 5643, 5672, 5531, 5292, 5479, 5533, 5361, 5375, 5547, 5519, 5439, 5570, 5328, 5654, 5350, 5452, 5560 (1 hits) (10/29/2013 03:15:37 PM)
9	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5252, 5698, 5417, 5341, 5549, 5433, 5416, 5300, 5660, 5531, 5418, 5637, 5360, 5715, 5356, 5406, 5350, 5693, 5533, 5318, 5450, 5720, 5513, 5726, 5706, 5576, 5710, 5571, 5545, 5603, 5358, 5517, 5429, 5253, 5348, 5357, 5272, 5665, 5461, 5594, 5431, 5385, 5419, 5432, 5670, 5373, 5550, 5719, 5323, 5525, 5311, 5647, 5633, 5724, 5475, 5690, 5274, 5280, 5333, 5560, 5393, 5293, 5699, 5519, 5268, 5566, 5435, 5258, 5334, 5709, 5648, 5553, 5563, 5367, 5309, 5587, 5284, 5565, 5493, 5676, 5463, 5408, 5420, 5438, 5622, 5437, 5485, 5697, 5282, 5369, 5532, 5617, 5474, 5344, 5455, 5691, 5653, 5642, 5535, 5264 (1 hits) (10/29/2013 03:15:47 PM)
10	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5652, 5400, 5496, 5590, 5305, 5623, 5480, 5500, 5259, 5315, 5676, 5528, 5715, 5555, 5358, 5585, 5293, 5526, 5519, 5416, 5609, 5599, 5581, 5291, 5490, 5610, 5489, 5274, 5634, 5308, 5720, 5525, 5344, 5309, 5595, 5440, 5647, 5445, 5362, 5545, 5539, 5307, 5574, 5479, 5267, 5471, 5470, 5466, 5399, 5279, 5290, 5713, 5627, 5435, 5552, 5451, 5388, 5392, 5299, 5250, 5658, 5424, 5485, 5453, 5511, 5617, 5253, 5421, 5409, 5412, 5481, 5579, 5638, 5301, 5286, 5542, 5287, 5488, 5547, 5283, 5446, 5643, 5723, 5328, 5319, 5606, 5550, 5361, 5578, 5622, 5300, 5512, 5473, 5642, 5639, 5322, 5709, 5702, 5444, 5632 (2 hits) (10/29/2013

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:15:56 PM)
11	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5317, 5628, 5550, 5352, 5713, 5260, 5306, 5500, 5552, 5387, 5669, 5389, 5457, 5277, 5270, 5409, 5670, 5706, 5497, 5358, 5692, 5677, 5621, 5662, 5534, 5391, 5698, 5676, 5369, 5357, 5309, 5580, 5596, 5555, 5695, 5480, 5325, 5673, 5496, 5307, 5682, 5548, 5501, 5364, 5421, 5282, 5641, 5422, 5413, 5257, 5419, 5681, 5385, 5267, 5581, 5544, 5367, 5508, 5705, 5343, 5362, 5592, 5657, 5268, 5462, 5543, 5720, 5511, 5636, 5588, 5509, 5518, 5595, 5594, 5530, 5635, 5538, 5342, 5321, 5656, 5493, 5370, 5599, 5658, 5529, 5371, 5689, 5368, 5644, 5463, 5554, 5478, 5330, 5437, 5504, 5441, 5408, 5420, 5269, 5490 (3 hits) (10/29/2013 03:16:07 PM)
12	9	1.0	333.0	No	5515.0MHz, -63.0dBm	Hop sequence: 5444, 5557, 5497, 5722, 5710, 5392, 5547, 5472, 5529, 5264, 5259, 5643, 5439, 5536, 5721, 5639, 5427, 5629, 5644, 5341, 5670, 5402, 5502, 5554, 5299, 5601, 5303, 5454, 5428, 5488, 5326, 5719, 5466, 5535, 5516, 5256, 5408, 5518, 5513, 5347, 5613, 5271, 5658, 5252, 5498, 5417, 5575, 5501, 5359, 5482, 5464, 5537, 5351, 5508, 5467, 5724, 5352, 5380, 5345, 5611, 5614, 5562, 5445, 5284, 5603, 5396, 5397, 5648, 5279, 5325, 5335, 5306, 5717, 5527, 5311, 5414, 5348, 5561, 5274, 5309, 5682, 5580, 5548, 5560, 5478, 5374, 5286, 5506, 5263, 5519, 5457, 5493, 5604, 5484, 5425, 5387, 5684, 5451, 5691, 5640 (3 hits) (10/29/2013 03:16:16 PM)
13	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5582, 5608, 5699, 5311, 5581, 5665, 5401, 5534, 5667, 5309, 5357, 5467, 5384, 5555, 5307, 5468, 5443, 5518, 5712, 5358, 5266, 5517, 5389, 5610, 5404, 5599, 5541, 5447, 5538, 5477, 5452, 5254, 5723, 5668, 5602, 5514, 5446, 5493, 5332, 5325, 5592, 5655, 5386, 5575, 5633, 5663, 5340, 5521,

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5657, 5301, 5486, 5474, 5625, 5347, 5377, 5448, 5562, 5362, 5527, 5456, 5397, 5466, 5303, 5304, 5658, 5267, 5636, 5613, 5419, 5310, 5564, 5274, 5550, 5279, 5490, 5647, 5725, 5441, 5620, 5407, 5351, 5433, 5423, 5628, 5338, 5718, 5532, 5578, 5540, 5302, 5719, 5542, 5545, 5459, 5642, 5445, 5492, 5344, 5318, 5605 (1 hits) (10/29/2013 03:16:31 PM)
14	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5258, 5515, 5316, 5390, 5407, 5314, 5285, 5563, 5337, 5690, 5393, 5545, 5623, 5480, 5427, 5379, 5665, 5269, 5624, 5386, 5592, 5431, 5596, 5460, 5721, 5284, 5607, 5696, 5544, 5646, 5527, 5334, 5553, 5521, 5676, 5636, 5436, 5282, 5653, 5308, 5513, 5360, 5470, 5585, 5496, 5505, 5348, 5321, 5570, 5428, 5608, 5502, 5512, 5468, 5356, 5394, 5423, 5552, 5449, 5629, 5558, 5377, 5571, 5548, 5667, 5677, 5561, 5715, 5277, 5510, 5358, 5612, 5509, 5442, 5574, 5425, 5283, 5684, 5451, 5664, 5635, 5403, 5611, 5345, 5713, 5435, 5520, 5539, 5450, 5604, 5433, 5484, 5414, 5534, 5319, 5656, 5399, 5691, 5579, 5362 (5 hits) (10/29/2013 03:16:40 PM)
15	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5512, 5426, 5368, 5448, 5342, 5635, 5513, 5389, 5550, 5344, 5498, 5541, 5593, 5659, 5707, 5726, 5632, 5656, 5411, 5580, 5599, 5693, 5356, 5425, 5339, 5310, 5303, 5560, 5277, 5319, 5328, 5372, 5444, 5252, 5477, 5517, 5650, 5527, 5381, 5588, 5578, 5622, 5625, 5256, 5484, 5528, 5471, 5543, 5514, 5714, 5594, 5690, 5561, 5312, 5335, 5443, 5664, 5495, 5386, 5351, 5449, 5505, 5614, 5396, 5521, 5388, 5648, 5483, 5678, 5463, 5577, 5602, 5615, 5673, 5522, 5718, 5348, 5547, 5407, 5441, 5275, 5638, 5423, 5362, 5302, 5725, 5696, 5438, 5558, 5703, 5723, 5418, 5451, 5564, 5430, 5439, 5283, 5391, 5711, 5270 (3 hits) (10/29/2013

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:16:50 PM)
16	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5558, 5526, 5497, 5316, 5514, 5674, 5453, 5713, 5419, 5305, 5424, 5553, 5455, 5289, 5722, 5673, 5463, 5587, 5528, 5336, 5560, 5691, 5287, 5637, 5276, 5693, 5420, 5462, 5403, 5471, 5267, 5582, 5379, 5348, 5550, 5600, 5445, 5593, 5460, 5329, 5450, 5583, 5470, 5340, 5506, 5387, 5408, 5686, 5354, 5521, 5478, 5261, 5697, 5401, 5421, 5269, 5402, 5477, 5707, 5536, 5594, 5706, 5432, 5466, 5412, 5552, 5414, 5501, 5642, 5266, 5252, 5406, 5318, 5347, 5314, 5605, 5384, 5360, 5440, 5542, 5439, 5555, 5472, 5446, 5632, 5320, 5487, 5335, 5669, 5317, 5535, 5603, 5532, 5452, 5255, 5263, 5602, 5264, 5474, 5592 (2 hits) (10/29/2013 03:17:00 PM)
17	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5467, 5387, 5477, 5265, 5482, 5472, 5457, 5257, 5464, 5327, 5481, 5414, 5523, 5254, 5425, 5420, 5615, 5595, 5671, 5530, 5684, 5584, 5262, 5447, 5256, 5690, 5574, 5297, 5443, 5505, 5509, 5463, 5565, 5612, 5316, 5501, 5460, 5673, 5366, 5725, 5593, 5475, 5550, 5369, 5566, 5515, 5356, 5618, 5601, 5677, 5583, 5405, 5440, 5337, 5521, 5579, 5485, 5362, 5272, 5255, 5578, 5331, 5381, 5377, 5317, 5486, 5692, 5542, 5310, 5555, 5681, 5260, 5489, 5322, 5627, 5341, 5283, 5533, 5571, 5719, 5543, 5382, 5433, 5296, 5512, 5655, 5451, 5342, 5520, 5531, 5370, 5330, 5261, 5688, 5415, 5560, 5398, 5710, 5424, 5418 (3 hits) (10/29/2013 03:17:09 PM)
18	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5338, 5620, 5702, 5381, 5301, 5682, 5488, 5468, 5465, 5377, 5464, 5476, 5333, 5268, 5571, 5497, 5680, 5689, 5401, 5450, 5493, 5582, 5523, 5654, 5561, 5385, 5608, 5275, 5257, 5623, 5511, 5269, 5403, 5621, 5309, 5575, 5631, 5321, 5610, 5277, 5522, 5542, 5454, 5722, 5356, 5485, 5596, 5671,

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5281, 5378, 5466, 5520, 5584, 5312, 5290, 5603, 5379, 5393, 5633, 5547, 5545, 5477, 5715, 5431, 5292, 5397, 5429, 5322, 5672, 5515, 5666, 5320, 5357, 5335, 5458, 5317, 5514, 5530, 5252, 5619, 5332, 5716, 5263, 5437, 5647, 5421, 5537, 5410, 5426, 5455, 5382, 5396, 5489, 5531, 5661, 5313, 5402, 5567, 5555, 5696 (3 hits) (10/29/2013 03:17:19 PM)
19	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5275, 5385, 5715, 5700, 5643, 5483, 5567, 5254, 5288, 5367, 5554, 5617, 5378, 5606, 5576, 5432, 5410, 5694, 5436, 5644, 5255, 5513, 5597, 5662, 5336, 5511, 5303, 5498, 5717, 5271, 5339, 5305, 5377, 5524, 5332, 5391, 5380, 5710, 5341, 5266, 5704, 5673, 5566, 5414, 5312, 5292, 5558, 5562, 5322, 5280, 5572, 5615, 5506, 5605, 5376, 5548, 5635, 5405, 5699, 5311, 5445, 5514, 5470, 5390, 5346, 5328, 5479, 5672, 5427, 5621, 5419, 5545, 5642, 5682, 5478, 5279, 5689, 5632, 5613, 5585, 5678, 5645, 5281, 5273, 5353, 5340, 5561, 5447, 5661, 5516, 5460, 5518, 5504, 5591, 5388, 5722, 5692, 5549, 5330, 5437 (4 hits) (10/29/2013 03:17:28 PM)
20	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5425, 5270, 5528, 5355, 5575, 5388, 5398, 5558, 5316, 5576, 5645, 5331, 5656, 5458, 5666, 5422, 5404, 5578, 5476, 5711, 5374, 5564, 5320, 5311, 5696, 5451, 5698, 5481, 5349, 5546, 5655, 5562, 5393, 5382, 5400, 5565, 5677, 5551, 5354, 5423, 5712, 5566, 5313, 5613, 5391, 5603, 5485, 5634, 5421, 5262, 5294, 5647, 5330, 5595, 5522, 5457, 5517, 5501, 5326, 5651, 5289, 5691, 5663, 5537, 5625, 5358, 5357, 5492, 5264, 5635, 5530, 5250, 5406, 5720, 5314, 5710, 5484, 5433, 5447, 5438, 5560, 5427, 5552, 5502, 5489, 5615, 5338, 5429, 5514, 5424, 5300, 5409, 5303, 5568, 5291, 5353, 5432, 5725, 5602, 5662 (1 hits) (10/29/2013

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:17:40 PM)
21	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5386, 5391, 5297, 5456, 5462, 5276, 5409, 5580, 5355, 5394, 5493, 5415, 5685, 5503, 5344, 5670, 5540, 5706, 5406, 5491, 5504, 5498, 5453, 5349, 5581, 5342, 5423, 5382, 5494, 5515, 5557, 5603, 5346, 5410, 5431, 5284, 5658, 5718, 5460, 5659, 5270, 5490, 5367, 5544, 5369, 5319, 5674, 5664, 5555, 5345, 5362, 5666, 5328, 5643, 5485, 5531, 5478, 5509, 5424, 5273, 5578, 5262, 5510, 5407, 5316, 5269, 5697, 5571, 5702, 5411, 5468, 5500, 5549, 5314, 5620, 5408, 5475, 5574, 5272, 5567, 5582, 5419, 5528, 5451, 5370, 5352, 5265, 5366, 5373, 5357, 5384, 5695, 5258, 5288, 5712, 5609, 5551, 5672, 5542, 5267 (3 hits) (10/29/2013 03:17:51 PM)
22	9	1.0	333.0	No	5515.0MHz, -63.0dBm	Hop sequence: 5387, 5521, 5585, 5356, 5287, 5338, 5570, 5487, 5678, 5302, 5482, 5709, 5582, 5559, 5495, 5381, 5251, 5618, 5695, 5641, 5573, 5617, 5699, 5605, 5462, 5537, 5497, 5466, 5508, 5397, 5342, 5429, 5516, 5566, 5447, 5277, 5346, 5469, 5255, 5601, 5254, 5485, 5715, 5432, 5652, 5451, 5294, 5267, 5298, 5398, 5300, 5607, 5530, 5351, 5467, 5505, 5347, 5470, 5604, 5626, 5461, 5514, 5555, 5687, 5484, 5708, 5527, 5296, 5301, 5422, 5370, 5623, 5378, 5269, 5458, 5684, 5281, 5646, 5647, 5546, 5285, 5456, 5359, 5551, 5329, 5391, 5574, 5290, 5540, 5322, 5284, 5273, 5630, 5717, 5317, 5486, 5650, 5280, 5586, 5523 (2 hits) (10/29/2013 03:17:59 PM)
23	9	1.0	333.0	No	5506.0MHz, -63.0dBm	Hop sequence: 5302, 5682, 5698, 5569, 5483, 5597, 5577, 5271, 5402, 5531, 5622, 5501, 5393, 5367, 5503, 5540, 5662, 5489, 5354, 5433, 5524, 5613, 5288, 5665, 5381, 5566, 5499, 5590, 5490, 5458, 5547, 5304, 5437, 5441, 5258, 5633, 5604, 5545, 5670, 5438, 5409, 5298, 5282, 5704, 5467, 5725, 5607, 5426,

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5585, 5688, 5417, 5439, 5591, 5676, 5340, 5284, 5272, 5625, 5605, 5628, 5461, 5432, 5715, 5649, 5452, 5494, 5252, 5373, 5405, 5328, 5712, 5634, 5435, 5482, 5337, 5637, 5362, 5558, 5497, 5601, 5297, 5261, 5664, 5644, 5480, 5355, 5586, 5615, 5376, 5722, 5418, 5321, 5365, 5570, 5669, 5530, 5672, 5457, 5389, 5509 (1 hits) (10/29/2013 03:18:11 PM)
24	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5367, 5399, 5604, 5261, 5506, 5522, 5497, 5267, 5694, 5537, 5450, 5528, 5558, 5262, 5381, 5347, 5583, 5364, 5557, 5515, 5670, 5285, 5610, 5363, 5717, 5509, 5648, 5258, 5385, 5380, 5540, 5264, 5584, 5652, 5257, 5328, 5448, 5691, 5533, 5532, 5586, 5529, 5635, 5274, 5646, 5476, 5530, 5521, 5373, 5539, 5659, 5666, 5587, 5561, 5330, 5519, 5438, 5718, 5681, 5668, 5320, 5725, 5304, 5428, 5628, 5268, 5622, 5660, 5700, 5386, 5569, 5596, 5470, 5460, 5695, 5677, 5661, 5657, 5549, 5318, 5654, 5376, 5511, 5400, 5536, 5501, 5354, 5449, 5334, 5302, 5338, 5327, 5674, 5679, 5600, 5502, 5307, 5286, 5626, 5383 (4 hits) (10/29/2013 03:18:25 PM)
25	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5380, 5473, 5401, 5383, 5376, 5493, 5356, 5444, 5301, 5338, 5265, 5294, 5309, 5363, 5461, 5445, 5510, 5484, 5534, 5559, 5475, 5279, 5678, 5549, 5262, 5368, 5266, 5648, 5535, 5397, 5261, 5603, 5715, 5702, 5272, 5698, 5448, 5688, 5351, 5667, 5373, 5437, 5427, 5578, 5389, 5278, 5517, 5495, 5458, 5625, 5497, 5324, 5369, 5441, 5607, 5617, 5308, 5521, 5381, 5555, 5565, 5277, 5434, 5704, 5680, 5320, 5256, 5546, 5348, 5700, 5696, 5511, 5584, 5518, 5614, 5250, 5323, 5339, 5409, 5601, 5632, 5346, 5318, 5641, 5522, 5480, 5384, 5574, 5585, 5298, 5303, 5438, 5399, 5611, 5282, 5394, 5372, 5406, 5699, 5435 (2 hits) (10/29/2013

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:18:35 PM)
26	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5719, 5443, 5576, 5410, 5657, 5638, 5388, 5617, 5327, 5642, 5459, 5373, 5389, 5414, 5351, 5486, 5402, 5474, 5717, 5502, 5356, 5620, 5447, 5390, 5682, 5517, 5334, 5385, 5720, 5578, 5590, 5600, 5690, 5374, 5524, 5594, 5608, 5295, 5368, 5285, 5457, 5660, 5584, 5307, 5674, 5355, 5264, 5476, 5579, 5322, 5274, 5442, 5252, 5664, 5487, 5320, 5369, 5504, 5480, 5448, 5338, 5672, 5658, 5407, 5645, 5721, 5426, 5435, 5359, 5515, 5291, 5263, 5700, 5540, 5451, 5440, 5627, 5716, 5353, 5309, 5663, 5384, 5568, 5469, 5297, 5516, 5281, 5532, 5521, 5397, 5350, 5530, 5491, 5497, 5460, 5543, 5370, 5537, 5314, 5475 (1 hits) (10/29/2013 03:18:44 PM)
27	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5538, 5609, 5339, 5291, 5528, 5643, 5301, 5503, 5565, 5332, 5686, 5368, 5561, 5422, 5673, 5344, 5260, 5432, 5591, 5683, 5485, 5348, 5504, 5577, 5359, 5581, 5312, 5550, 5345, 5342, 5515, 5715, 5385, 5585, 5651, 5352, 5567, 5615, 5661, 5436, 5641, 5293, 5306, 5712, 5531, 5564, 5378, 5396, 5656, 5631, 5356, 5271, 5602, 5537, 5659, 5533, 5530, 5551, 5523, 5465, 5527, 5264, 5510, 5456, 5634, 5285, 5407, 5688, 5290, 5409, 5367, 5299, 5391, 5616, 5628, 5328, 5635, 5321, 5477, 5516, 5353, 5611, 5542, 5318, 5532, 5496, 5469, 5455, 5583, 5612, 5330, 5400, 5475, 5255, 5386, 5543, 5256, 5666, 5534, 5267 (2 hits) (10/29/2013 03:18:53 PM)
28	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5601, 5678, 5587, 5598, 5261, 5275, 5272, 5631, 5498, 5312, 5313, 5512, 5471, 5319, 5305, 5650, 5366, 5616, 5505, 5289, 5315, 5293, 5441, 5633, 5694, 5549, 5691, 5370, 5651, 5607, 5630, 5401, 5308, 5518, 5624, 5563, 5382, 5321, 5322, 5406, 5423, 5392, 5619, 5393, 5304, 5306, 5388, 5451,

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5307, 5588, 5400, 5276, 5573, 5475, 5645, 5661, 5467, 5359, 5482, 5336, 5532, 5646, 5654, 5330, 5371, 5677, 5438, 5434, 5627, 5724, 5622, 5655, 5301, 5448, 5725, 5318, 5343, 5389, 5583, 5611, 5553, 5320, 5716, 5662, 5560, 5682, 5648, 5590, 5353, 5531, 5543, 5605, 5466, 5379, 5554, 5639, 5606, 5530, 5644, 5537 (1 hits) (10/29/2013 03:19:02 PM)
29	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5281, 5500, 5276, 5546, 5319, 5526, 5331, 5601, 5434, 5279, 5496, 5707, 5450, 5432, 5619, 5347, 5364, 5370, 5444, 5362, 5381, 5681, 5472, 5343, 5572, 5506, 5705, 5293, 5578, 5655, 5586, 5369, 5694, 5264, 5282, 5337, 5471, 5474, 5668, 5360, 5454, 5553, 5446, 5485, 5562, 5680, 5277, 5570, 5525, 5635, 5357, 5328, 5589, 5384, 5579, 5602, 5488, 5501, 5330, 5686, 5263, 5315, 5470, 5648, 5345, 5309, 5720, 5679, 5481, 5400, 5645, 5567, 5377, 5423, 5426, 5480, 5626, 5618, 5273, 5427, 5550, 5349, 5666, 5466, 5555, 5484, 5580, 5305, 5473, 5329, 5463, 5376, 5593, 5709, 5631, 5354, 5372, 5599, 5300, 5563 (1 hits) (10/29/2013 03:19:10 PM)
30	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5708, 5345, 5546, 5425, 5506, 5652, 5343, 5617, 5674, 5567, 5598, 5581, 5657, 5374, 5488, 5480, 5595, 5601, 5713, 5478, 5346, 5300, 5319, 5405, 5558, 5527, 5252, 5498, 5605, 5251, 5614, 5560, 5491, 5649, 5556, 5448, 5676, 5266, 5447, 5466, 5420, 5288, 5380, 5562, 5389, 5722, 5404, 5406, 5371, 5250, 5524, 5500, 5642, 5470, 5354, 5631, 5530, 5604, 5538, 5668, 5432, 5349, 5600, 5611, 5519, 5460, 5686, 5272, 5641, 5430, 5433, 5408, 5445, 5414, 5326, 5541, 5479, 5392, 5580, 5508, 5578, 5444, 5597, 5704, 5678, 5687, 5332, 5522, 5615, 5663, 5320, 5330, 5588, 5350, 5436, 5440, 5427, 5662, 5720, 5459 (2 hits) (10/29/2013

Table 51 - FCC frequency hopping radar (Type 6) Results 10MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						03:19:18 PM)

Table 52 - FCC Short Pulse Radar (Type 1) Results 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 53 - FCC Short Pulse Radar (Type 2) Results 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	28	3.9	153.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	26	1.4	181.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	24	3.0	195.0	Yes	5515.0MHz, -63.0dBm	Single burst
4	26	4.8	179.0	Yes	5510.0MHz, -63.0dBm	Single burst
5	26	3.7	169.0	Yes	5505.0MHz, -63.0dBm	Single burst
6	27	2.4	154.0	Yes	5515.0MHz, -63.0dBm	Single burst
7	25	4.0	196.0	Yes	5510.0MHz, -63.0dBm	Single burst
8	26	2.8	176.0	Yes	5505.0MHz, -63.0dBm	Single burst
9	28	2.4	201.0	Yes	5515.0MHz, -63.0dBm	Single burst
10	28	1.1	192.0	Yes	5510.0MHz, -63.0dBm	Single burst
11	26	1.2	151.0	Yes	5505.0MHz, -63.0dBm	Single burst
12	23	1.6	224.0	Yes	5515.0MHz, -63.0dBm	Single burst
13	25	1.3	188.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	27	1.8	193.0	Yes	5505.0MHz, -63.0dBm	Single burst
15	26	2.1	228.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	27	2.4	150.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	27	1.6	187.0	No	5505.0MHz, -63.0dBm	Single burst
18	24	2.2	157.0	Yes	5515.0MHz, -63.0dBm	Single burst
19	24	4.7	199.0	Yes	5510.0MHz, -63.0dBm	Single burst
20	29	3.3	214.0	Yes	5505.0MHz, -63.0dBm	Single burst
21	25	2.5	158.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	24	1.2	174.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	26	2.9	152.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	25	4.5	186.0	Yes	5515.0MHz, -63.0dBm	Single burst
25	25	1.3	171.0	Yes	5510.0MHz, -63.0dBm	Single burst
26	26	1.9	156.0	Yes	5505.0MHz, -63.0dBm	Single burst
27	24	4.6	160.0	Yes	5515.0MHz, -63.0dBm	Single burst
28	25	2.6	229.0	Yes	5510.0MHz, -63.0dBm	Single burst
29	29	1.3	181.0	Yes	5505.0MHz, -63.0dBm	Single burst
30	27	4.5	210.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 54 - FCC Short Pulse Radar (Type 3) Results 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	17	8.6	374.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	17	8.7	444.0	No	5505.0MHz, -63.0dBm	Single burst
3	18	7.4	286.0	Yes	5515.0MHz, -63.0dBm	Single burst
4	18	8.5	220.0	Yes	5510.0MHz, -63.0dBm	Single burst
5	17	6.3	293.0	Yes	5505.0MHz, -63.0dBm	Single burst
6	16	7.9	281.0	Yes	5515.0MHz, -63.0dBm	Single burst
7	17	9.6	306.0	Yes	5510.0MHz, -63.0dBm	Single burst
8	17	7.7	335.0	No	5505.0MHz, -63.0dBm	Single burst
9	16	7.0	392.0	Yes	5515.0MHz, -63.0dBm	Single burst
10	17	6.3	302.0	Yes	5510.0MHz, -63.0dBm	Single burst
11	17	7.6	235.0	No	5505.0MHz, -63.0dBm	Single burst
12	18	8.3	498.0	Yes	5515.0MHz, -63.0dBm	Single burst
13	16	7.6	489.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	18	9.6	324.0	Yes	5505.0MHz, -63.0dBm	Single burst
15	17	8.1	312.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	16	8.7	365.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	18	7.8	351.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	18	6.3	260.0	Yes	5515.0MHz, -63.0dBm	Single burst
19	17	7.0	382.0	No	5510.0MHz, -63.0dBm	Single burst
20	17	8.8	443.0	Yes	5505.0MHz, -63.0dBm	Single burst
21	18	6.8	498.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	18	6.3	412.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	17	6.6	424.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	17	8.7	336.0	Yes	5515.0MHz, -63.0dBm	Single burst
25	16	7.1	399.0	Yes	5510.0MHz, -63.0dBm	Single burst
26	16	8.5	279.0	No	5505.0MHz, -63.0dBm	Single burst
27	17	9.1	275.0	Yes	5515.0MHz, -63.0dBm	Single burst
28	18	6.3	483.0	Yes	5510.0MHz, -63.0dBm	Single burst
29	16	7.8	326.0	Yes	5505.0MHz, -63.0dBm	Single burst
30	18	9.6	419.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 55 - FCC Short Pulse Radar (Type 4) Results 20MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	15	18.4	322.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	16	15.2	218.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	16	16.5	224.0	No	5515.0MHz, -63.0dBm	Single burst
4	13	14.0	217.0	No	5510.0MHz, -63.0dBm	Single burst
5	14	17.4	218.0	No	5505.0MHz, -63.0dBm	Single burst
6	15	19.0	295.0	Yes	5515.0MHz, -63.0dBm	Single burst
7	14	11.2	324.0	No	5510.0MHz, -63.0dBm	Single burst
8	14	15.8	420.0	Yes	5505.0MHz, -63.0dBm	Single burst
9	12	12.4	419.0	No	5515.0MHz, -63.0dBm	Single burst
10	12	14.8	456.0	No	5510.0MHz, -63.0dBm	Single burst
11	15	13.1	383.0	Yes	5505.0MHz, -63.0dBm	Single burst
12	15	17.2	413.0	Yes	5515.0MHz, -63.0dBm	Single burst
13	16	11.9	356.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	16	13.3	205.0	Yes	5505.0MHz, -63.0dBm	Single burst
15	12	14.1	259.0	No	5515.0MHz, -63.0dBm	Single burst
16	15	15.5	464.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	14	19.1	469.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	13	12.7	379.0	Yes	5515.0MHz, -63.0dBm	Single burst
19	13	13.9	201.0	No	5510.0MHz, -63.0dBm	Single burst
20	12	12.4	424.0	No	5505.0MHz, -63.0dBm	Single burst
21	14	17.2	384.0	Yes	5515.0MHz, -63.0dBm	Single burst
22	14	14.6	312.0	Yes	5510.0MHz, -63.0dBm	Single burst
23	14	17.4	451.0	Yes	5505.0MHz, -63.0dBm	Single burst
24	12	19.4	496.0	Yes	5515.0MHz, -63.0dBm	Single burst
25	14	12.6	435.0	Yes	5510.0MHz, -63.0dBm	Single burst
26	15	15.6	413.0	Yes	5505.0MHz, -63.0dBm	Single burst
27	13	13.3	282.0	Yes	5515.0MHz, -63.0dBm	Single burst
28	13	13.2	274.0	No	5510.0MHz, -63.0dBm	Single burst
29	16	19.8	469.0	Yes	5505.0MHz, -63.0dBm	Single burst
30	15	11.2	370.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 56 - Long Sequence Waveform Summary 20MHz

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

Table 57 - Long Sequence Waveform Trial#1 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	70.4	6	1366.0	1386.0	0.309133
2	2	74.9	15	1488.0	-	1.004637
3	3	52.0	8	1914.0	1222.0	2.121876
4	3	99.2	8	1240.0	1534.0	3.260315
5	2	95.0	10	1340.0	-	4.184485
6	3	61.7	5	1533.0	1839.0	5.520405
7	1	98.2	19	-	-	6.651284
8	3	60.3	19	1333.0	1821.0	7.995033
9	3	85.6	12	1283.0	2000.0	8.987218
10	1	56.9	10	-	-	9.545577
11	2	69.6	16	1532.0	-	10.409735
12	1	58.7	14	-	-	11.481062

Table 58 - Long Sequence Waveform Trial#2 (NOT Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	77.0	10	1692.0	1137.0	0.108907
2	1	56.8	8	-	-	1.146218
3	3	64.5	8	1695.0	1769.0	1.932548
4	3	97.7	8	1935.0	1419.0	2.400658
5	3	99.1	15	1763.0	1449.0	3.721783
6	3	69.3	19	1411.0	1868.0	4.259093
7	3	85.1	17	1695.0	1531.0	5.515977
8	2	56.0	16	1157.0	-	5.662029
9	1	92.8	13	-	-	6.738723
10	3	59.0	16	1673.0	1566.0	7.718615
11	1	76.8	8	-	-	8.414307
12	2	59.7	17	1087.0	-	9.185441
13	1	66.2	10	-	-	9.962663
14	1	54.7	15	-	-	11.011141
15	3	55.4	15	1930.0	1329.0	11.211072

Table 59 - Long Sequence Waveform Trial#3 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	61.3	7	1476.0	1954.0	0.297756
2	1	95.9	9	-	-	1.512220
3	2	72.1	12	1401.0	-	1.625969
4	2	95.1	11	1371.0	-	3.089524
5	2	76.0	7	1701.0	-	3.914126
6	1	59.3	8	-	-	4.336011
7	1	60.4	19	-	-	4.923722
8	2	54.2	9	1857.0	-	5.986893
9	2	72.4	10	1989.0	-	6.429612
10	2	71.8	19	1676.0	-	7.389281
11	1	88.9	13	-	-	8.520042
12	2	77.5	14	1935.0	-	8.835283
13	2	62.4	15	1053.0	-	9.751572
14	3	83.4	11	1182.0	1683.0	10.611306
15	3	75.6	5	1785.0	1882.0	11.399818

Table 60 - Long Sequence Waveform Trial#4 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	51.9	7	1711.0	-	0.553732
2	2	63.8	16	1764.0	-	1.437975
3	2	99.2	5	1440.0	-	2.208455
4	1	80.0	7	-	-	2.972622
5	1	67.5	6	-	-	4.274702
6	2	60.8	11	1322.0	-	4.858153
7	2	99.7	10	1383.0	-	6.265493
8	2	66.2	16	1849.0	-	7.254740
9	2	82.8	6	1124.0	-	8.181041
10	1	84.1	18	-	-	8.741488
11	2	87.0	16	1188.0	-	9.428817
12	1	74.2	20	-	-	10.857293
13	3	59.2	11	1628.0	1509.0	11.768929

Table 61 - Long Sequence Waveform Trial#5 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	97.8	13	1517.0	1839.0	0.930116
2	1	54.3	18	-	-	1.723348
3	1	89.7	10	-	-	2.080655
4	2	76.5	15	1317.0	-	3.909448
5	2	66.2	7	1969.0	-	4.905076
6	2	66.1	6	1043.0	-	5.720472
7	1	59.2	6	-	-	6.523046
8	2	89.5	18	1447.0	-	7.001512
9	2	66.4	16	1964.0	-	8.239307
10	2	65.6	14	1912.0	-	9.236061
11	2	72.0	7	1256.0	-	10.054973
12	1	77.0	15	-	-	11.896294

Table 62 - Long Sequence Waveform Trial#6 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.1	15	1350.0	-	0.370004
2	2	77.5	10	1258.0	-	1.438755
3	2	97.2	14	1269.0	-	2.151686
4	3	80.9	11	1572.0	1408.0	3.153440
5	2	62.0	8	1087.0	-	3.658203
6	3	81.1	10	1757.0	1232.0	4.777531
7	3	68.2	5	1882.0	1633.0	5.421409
8	2	71.6	19	1854.0	-	6.150578
9	2	55.5	7	1918.0	-	7.117109
10	3	63.1	12	1167.0	1149.0	7.767523
11	3	96.8	13	1582.0	1293.0	9.138027
12	1	95.1	5	-	-	9.629107
13	3	95.4	7	1578.0	1463.0	10.306430
14	1	52.3	10	-	-	11.629928

Table 63 - Long Sequence Waveform Trial#7 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	86.0	9	-	-	0.354249
2	3	52.8	8	1941.0	1832.0	1.223643
3	1	86.8	12	-	-	2.300989
4	2	99.2	15	1808.0	-	2.902863
5	1	66.2	19	-	-	4.177871
6	2	75.4	16	1206.0	-	5.159655
7	3	65.3	16	1502.0	1404.0	5.682713
8	3	85.2	17	1570.0	1199.0	7.331945
9	2	63.6	10	1117.0	-	7.440141
10	3	54.4	7	1816.0	1483.0	8.385147
11	1	84.1	13	-	-	9.846073
12	2	83.0	17	1494.0	-	10.446270
13	2	77.8	14	1283.0	-	11.134695

Table 64 - Long Sequence Waveform Trial#8 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	55.4	8	-	-	0.231183
2	2	90.8	9	1425.0	-	1.376358
3	2	91.2	7	1561.0	-	2.280968
4	2	53.9	10	1132.0	-	3.327854
5	3	50.4	14	1766.0	1040.0	5.370882
6	1	69.5	20	-	-	5.673624
7	3	66.6	18	1236.0	1694.0	7.304952
8	2	93.1	11	1129.0	-	8.233508
9	3	61.2	16	1133.0	1821.0	9.448506
10	2	90.2	17	1026.0	-	10.860400
11	3	91.1	17	1973.0	1056.0	11.127395

Table 65 - Long Sequence Waveform Trial#9 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	75.4	7	1889.0	-	0.392672
2	3	70.2	9	1168.0	1061.0	1.234053
3	2	73.5	15	1672.0	-	1.309879
4	2	81.6	9	1629.0	-	2.488729
5	2	77.7	12	1125.0	-	2.537691
6	3	99.0	5	1922.0	1908.0	3.276924
7	3	79.5	6	1257.0	1536.0	4.146762
8	2	74.8	15	1672.0	-	4.622635
9	3	70.1	9	1949.0	1897.0	5.142753
10	2	89.6	7	1732.0	-	5.781426
11	2	90.6	19	1986.0	-	6.837838
12	3	57.1	15	1805.0	1771.0	7.421581
13	2	63.6	9	1815.0	-	8.096610
14	2	77.4	16	1360.0	-	8.517081
15	3	94.6	20	1440.0	1429.0	8.902548
16	1	54.8	7	-	-	9.820905
17	2	86.6	12	1216.0	-	10.264045
18	1	76.4	8	-	-	10.874872
19	2	91.3	9	1903.0	-	11.687520

Table 66 - Long Sequence Waveform Trial#10 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	76.6	19	1319.0	1088.0	0.117597
2	2	51.6	6	1772.0	-	1.386766
3	1	96.1	11	-	-	1.587913
4	2	91.4	15	1870.0	-	2.369338
5	3	73.6	18	1260.0	1230.0	3.153317
6	3	50.7	16	1940.0	1928.0	4.060326
7	2	70.8	17	1678.0	-	4.751450
8	1	50.9	19	-	-	5.132010
9	2	88.6	17	1677.0	-	5.722882
10	2	84.5	17	1971.0	-	6.501034
11	3	70.2	7	1692.0	1140.0	7.505895
12	2	76.0	10	1609.0	-	8.129728
13	2	64.8	18	1345.0	-	8.492622
14	2	66.8	7	1707.0	-	9.262729
15	2	84.0	12	1058.0	-	10.088691
16	1	70.5	11	-	-	11.016649
17	2	64.6	12	1465.0	-	11.902113

Table 67 - Long Sequence Waveform Trial#11 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.4	12	1442.0	-	0.522491
2	1	94.9	6	-	-	0.717509
3	2	88.8	8	1659.0	-	2.038353
4	2	78.9	14	1283.0	-	2.589241
5	2	52.9	12	1579.0	-	2.834377
6	3	94.8	12	1217.0	1871.0	3.542264
7	1	76.5	17	-	-	4.301221
8	2	61.4	9	1260.0	-	5.295725
9	2	82.6	16	1865.0	-	6.064525
10	1	96.5	12	-	-	6.712080
11	1	84.1	16	-	-	7.426376
12	2	83.4	5	1488.0	-	7.824870
13	2	94.1	13	1225.0	-	8.527433
14	2	51.0	5	1463.0	-	9.350009
15	2	72.0	6	1836.0	-	10.138778
16	3	81.5	16	1176.0	1945.0	10.640825
17	2	55.6	7	1172.0	-	11.946383

Table 68 - Long Sequence Waveform Trial#12 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	65.0	10	-	-	0.184638
2	3	78.1	10	1630.0	1063.0	1.012784
3	2	52.5	10	1611.0	-	1.473653
4	2	68.8	20	1921.0	-	2.704359
5	2	80.6	15	1235.0	-	3.511572
6	2	71.1	12	1850.0	-	3.848847
7	1	85.1	16	-	-	4.871676
8	2	88.4	11	1504.0	-	5.082366
9	2	57.9	15	1112.0	-	6.278497
10	2	94.6	9	1865.0	-	6.672165
11	1	64.8	6	-	-	7.414333
12	2	92.5	14	1444.0	-	8.196863
13	3	61.3	11	1002.0	1954.0	8.728564
14	3	94.2	16	1693.0	1045.0	9.768279
15	3	99.3	7	1744.0	1545.0	10.531732
16	2	72.8	17	1740.0	-	11.115119
17	2	62.0	11	1034.0	-	11.932075

Table 69 - Long Sequence Waveform Trial#13 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.5	15	1059.0	-	0.745793
2	2	85.4	18	1177.0	-	1.144524
3	1	77.3	5	-	-	2.177087
4	1	74.0	18	-	-	2.892173
5	2	68.3	14	1509.0	-	3.889389
6	2	99.5	8	1303.0	-	4.396054
7	2	74.6	5	1824.0	-	5.900854
8	3	95.9	14	1518.0	1506.0	6.773412
9	3	69.7	19	1960.0	1995.0	7.614794
10	3	71.0	13	1598.0	1558.0	8.387219
11	1	90.2	8	-	-	9.070584
12	1	56.3	10	-	-	9.862379
13	2	67.5	9	1515.0	-	10.969713
14	2	73.2	7	1837.0	-	11.666432

Table 70 - Long Sequence Waveform Trial#14 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.9	10	1303.0	-	0.735561
2	3	64.7	8	1892.0	1712.0	1.794602
3	2	82.1	15	1378.0	-	2.715579
4	3	92.8	13	1711.0	1996.0	3.667293
5	2	58.7	10	1283.0	-	5.264845
6	2	51.6	13	1650.0	-	6.518325
7	2	62.0	16	1444.0	-	6.709025
8	1	75.7	6	-	-	7.935061
9	3	74.7	13	1225.0	1280.0	9.403739
10	2	67.8	14	1792.0	-	10.874235
11	1	88.1	9	-	-	11.837607

Table 71 - Long Sequence Waveform Trial#15 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	53.2	9	-	-	0.087337
2	2	75.6	6	1135.0	-	1.257972
3	3	96.3	10	1349.0	1526.0	2.149483
4	3	79.7	14	1761.0	1234.0	2.580891
5	2	95.9	7	1850.0	-	3.573937
6	3	97.8	15	1768.0	1360.0	4.136526
7	1	78.6	11	-	-	5.239763
8	2	99.8	8	1680.0	-	5.408214
9	3	59.5	13	1766.0	1793.0	6.109056
10	3	51.3	9	1339.0	1145.0	7.442135
11	3	72.3	12	1892.0	1041.0	7.792078
12	3	60.5	8	1616.0	1705.0	8.930570
13	2	80.7	20	1964.0	-	9.469016
14	2	52.1	9	1347.0	-	10.227624
15	2	69.5	11	1451.0	-	10.798058
16	2	71.7	6	1474.0	-	11.868452

Table 72 - Long Sequence Waveform Trial#16 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.6	16	1085.0	-	0.786056
2	1	91.2	18	-	-	0.894623
3	3	57.7	8	1376.0	1027.0	2.054894
4	2	98.5	20	1625.0	-	2.536729
5	1	70.5	16	-	-	3.426405
6	2	62.9	17	1732.0	-	4.487688
7	2	63.7	9	1117.0	-	5.398723
8	3	51.9	13	1361.0	1778.0	6.050002
9	3	91.0	15	1997.0	1818.0	6.976183
10	1	97.8	6	-	-	7.663349
11	2	76.3	7	1713.0	-	8.511118
12	1	77.6	9	-	-	9.496009
13	2	81.3	14	1080.0	-	9.854055
14	3	65.7	11	1887.0	1023.0	11.117898
15	2	64.0	17	1759.0	-	11.454177

Table 73 - Long Sequence Waveform Trial#17 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.7	5	1073.0	-	0.179664
2	1	55.1	8	-	-	0.876714
3	1	56.4	7	-	-	1.563932
4	3	94.7	14	1479.0	1585.0	2.744568
5	2	69.6	19	1499.0	-	3.269172
6	2	78.1	9	1629.0	-	4.136403
7	2	72.4	10	1192.0	-	4.541506
8	1	82.3	12	-	-	5.260994
9	2	53.4	13	1435.0	-	5.952664
10	2	63.3	18	1705.0	-	6.879505
11	3	86.4	5	1201.0	1476.0	7.719300
12	2	65.5	9	1203.0	-	8.211657
13	1	91.9	11	-	-	8.855394
14	2	62.4	9	1291.0	-	9.571092
15	1	59.5	10	-	-	10.562618
16	3	75.7	17	1723.0	1853.0	10.960251
17	3	50.1	5	1133.0	1206.0	11.708933

Table 74 - Long Sequence Waveform Trial#18 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	68.2	8	1410.0	1549.0	0.938211
2	2	95.4	20	1638.0	-	1.763200
3	2	80.5	14	1464.0	-	2.805897
4	2	88.7	7	1070.0	-	4.210579
5	2	85.0	16	1941.0	-	4.841212
6	1	53.2	13	-	-	6.495642
7	1	91.0	8	-	-	7.176837
8	2	56.4	11	1605.0	-	8.197606
9	2	55.8	11	1266.0	-	9.622181
10	3	92.6	7	1072.0	1907.0	10.355474
11	3	74.3	10	1034.0	1297.0	11.239544

Table 75 - Long Sequence Waveform Trial#19 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.7	7	1032.0	-	0.921428
2	3	68.7	11	1026.0	1369.0	0.975405
3	3	77.7	17	1822.0	1229.0	2.117620
4	2	52.1	8	1283.0	-	3.277478
5	3	56.4	14	1035.0	1624.0	4.126857
6	1	71.2	16	-	-	4.626799
7	2	95.6	9	1183.0	-	5.811331
8	2	90.0	8	1561.0	-	6.763553
9	1	93.8	19	-	-	7.759730
10	2	89.6	19	1759.0	-	8.443722
11	1	63.5	15	-	-	10.000020
12	3	98.8	15	1809.0	1490.0	10.972164
13	3	94.8	7	1740.0	1612.0	11.145211

Table 76 - Long Sequence Waveform Trial#20 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	61.7	10	1565.0	-	0.878275
2	3	94.2	18	1987.0	1744.0	1.094037
3	2	72.2	8	1792.0	-	2.297456
4	2	69.1	12	1007.0	-	3.784338
5	2	83.5	16	1774.0	-	5.150533
6	2	82.5	7	1105.0	-	6.404291
7	2	54.1	18	1369.0	-	7.016271
8	2	98.8	16	1646.0	-	8.415241
9	3	59.9	18	1112.0	1051.0	9.027955
10	2	69.8	5	1069.0	-	10.010530
11	2	59.1	7	1361.0	-	11.730788

Table 77 - Long Sequence Waveform Trial#21 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	66.3	17	1532.0	1935.0	0.017946
2	2	58.8	16	1720.0	-	0.756775
3	2	87.3	10	1241.0	-	1.827167
4	1	70.0	20	-	-	2.920749
5	3	62.9	5	1970.0	1561.0	3.415108
6	1	87.4	11	-	-	3.827108
7	3	91.4	19	1845.0	1193.0	4.546535
8	2	72.8	5	1184.0	-	5.960437
9	2	87.9	8	1211.0	-	6.145684
10	2	54.3	9	1601.0	-	7.108101
11	1	97.8	18	-	-	7.842779
12	3	95.4	17	1105.0	1698.0	8.727881
13	1	50.2	14	-	-	9.136444
14	2	64.9	11	1974.0	-	10.064733
15	2	93.1	13	1376.0	-	11.210513
16	1	79.6	20	-	-	11.829611

Table 78 - Long Sequence Waveform Trial#22 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	98.1	8	1066.0	1298.0	0.687711
2	1	94.7	18	-	-	0.902753
3	2	53.8	14	1365.0	-	2.024947
4	2	70.6	6	1794.0	-	2.380440
5	1	91.4	10	-	-	3.584981
6	2	55.4	13	1714.0	-	3.889008
7	3	53.9	16	1819.0	1355.0	4.672479
8	2	74.3	15	1286.0	-	5.405448
9	2	69.8	6	1674.0	-	6.567972
10	3	92.4	8	1467.0	1477.0	6.955204
11	3	79.4	8	1280.0	1305.0	7.713912
12	2	72.0	15	1960.0	-	8.875150
13	2	80.8	10	1498.0	-	9.054063
14	1	89.2	17	-	-	10.077396
15	3	67.7	6	1765.0	1907.0	10.853908
16	3	90.5	19	1058.0	1263.0	11.789924

Table 79 - Long Sequence Waveform Trial#23 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.8	17	1862.0	-	0.387691
2	2	82.6	8	1328.0	-	1.446920
3	1	85.5	20	-	-	1.839550
4	1	85.0	9	-	-	2.895930
5	3	79.4	14	1449.0	1359.0	3.494916
6	2	67.6	10	1528.0	-	4.486406
7	2	62.4	17	1723.0	-	5.369318
8	1	71.7	18	-	-	5.844443
9	2	90.3	13	1567.0	-	6.980002
10	2	93.3	6	1711.0	-	7.854851
11	1	81.0	6	-	-	8.560825
12	3	90.8	17	1999.0	1634.0	9.175218
13	3	77.4	14	1051.0	1866.0	10.265903
14	1	87.0	6	-	-	10.785056
15	2	97.9	9	1056.0	-	11.361094

Table 80 - Long Sequence Waveform Trial#24 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	83.6	9	1160.0	1516.0	0.368905
2	2	69.6	5	1955.0	-	0.828363
3	2	63.8	8	1611.0	-	1.718070
4	3	74.0	17	1438.0	1753.0	2.632184
5	3	83.9	16	1578.0	1110.0	3.226127
6	2	78.6	11	1927.0	-	3.595044
7	2	90.1	19	1274.0	-	4.009873
8	2	95.1	18	1477.0	-	4.927447
9	2	68.9	15	1062.0	-	5.695197
10	2	64.6	15	1809.0	-	6.043536
11	1	70.3	7	-	-	6.683120
12	1	78.3	8	-	-	7.455849
13	2	87.8	11	1313.0	-	8.565514
14	2	78.0	12	1989.0	-	8.750333
15	2	96.9	18	1573.0	-	9.333378
16	2	79.3	10	1485.0	-	10.191070
17	3	95.8	19	1944.0	1837.0	11.071480
18	2	87.7	5	1572.0	-	11.567749

Table 81 - Long Sequence Waveform Trial#25 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.8	19	1368.0	-	0.597361
2	1	95.1	19	-	-	0.898559
3	1	69.4	19	-	-	2.005588
4	3	94.8	19	1364.0	1731.0	2.202361
5	2	52.8	9	1486.0	-	2.970460
6	3	79.9	12	1851.0	1944.0	3.754626
7	3	58.1	9	1514.0	1260.0	4.937903
8	2	56.7	14	1032.0	-	5.127637
9	3	94.2	8	1099.0	1489.0	6.247177
10	1	79.3	13	-	-	6.556416
11	2	56.3	6	1903.0	-	7.076684
12	2	75.0	18	1699.0	-	8.420656
13	3	88.7	7	1660.0	1444.0	8.501515
14	1	83.8	19	-	-	9.691686
15	2	77.3	12	1737.0	-	10.395537
16	3	83.8	15	1259.0	1871.0	11.223936
17	1	72.0	13	-	-	11.842107

Table 82 - Long Sequence Waveform Trial#26 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	87.4	19	-	-	0.114964
2	2	67.0	17	1455.0	-	1.148010
3	1	99.8	19	-	-	1.645011
4	1	57.6	8	-	-	2.799158
5	2	81.3	14	1862.0	-	3.387994
6	2	50.8	5	1163.0	-	3.612131
7	2	79.1	11	1214.0	-	4.798115
8	1	71.6	5	-	-	5.545516
9	2	65.7	10	1838.0	-	6.081692
10	3	54.7	9	1986.0	1432.0	6.930668
11	2	98.4	14	1393.0	-	7.073646
12	2	63.0	16	1472.0	-	8.012586
13	3	64.5	15	1075.0	1252.0	8.816001
14	3	82.8	11	1939.0	1768.0	9.359733
15	3	84.0	8	1029.0	1067.0	10.096354
16	2	61.3	8	1855.0	-	11.260682
17	2	65.5	20	1744.0	-	11.811711

Table 83 - Long Sequence Waveform Trial#27 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.1	5	1892.0	1057.0	0.048873
2	3	70.1	12	1244.0	1595.0	1.982256
3	1	90.4	6	-	-	3.085786
4	2	93.3	11	1327.0	-	3.609574
5	2	73.4	10	1557.0	-	5.270603
6	2	93.0	7	1641.0	-	6.425921
7	1	92.5	15	-	-	7.331833
8	3	98.9	15	1501.0	1895.0	9.342762
9	3	76.9	6	1729.0	1158.0	10.135816
10	1	54.5	9	-	-	10.972396

Table 84 - Long Sequence Waveform Trial#28 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	70.1	6	1096.0	1191.0	0.584117
2	2	72.1	12	1663.0	-	0.873746
3	3	57.0	5	1484.0	1307.0	1.530312
4	2	86.8	11	1139.0	-	2.228260
5	2	56.5	13	1158.0	-	3.148820
6	1	72.7	10	-	-	4.077707
7	2	81.5	8	1320.0	-	4.772564
8	3	56.0	9	1746.0	1476.0	5.148030
9	2	95.6	12	1590.0	-	5.810559
10	1	68.0	18	-	-	6.378073
11	1	89.8	11	-	-	7.502878
12	3	54.3	11	1868.0	1376.0	7.768437
13	2	79.1	7	1555.0	-	8.886121
14	1	85.5	6	-	-	9.627683
15	2	96.3	18	1204.0	-	10.367377
16	1	93.8	16	-	-	11.244635
17	2	90.1	18	1605.0	-	11.781233

Table 85 - Long Sequence Waveform Trial#29 (Detected) 20MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	73.6	13	-	-	0.136869
2	1	56.6	19	-	-	1.064526
3	2	96.6	19	1026.0	-	2.596345
4	1	61.9	14	-	-	3.096701
5	2	77.6	9	1404.0	-	3.885426
6	2	88.0	18	1447.0	-	4.701069
7	2	55.1	10	1609.0	-	6.216021
8	1	82.2	19	-	-	7.054965
9	2	70.6	10	1333.0	-	7.390582
10	2	97.6	9	1574.0	-	9.215731
11	2	85.9	17	1850.0	-	10.097863
12	3	81.4	10	1099.0	1384.0	10.691437
13	3	51.4	19	1092.0	1627.0	11.109362

Table 86 - Long Sequence Waveform Trial#30 (Detected) 20MHz						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.3	5	1383.0	-	0.224253
2	3	53.9	6	1781.0	1684.0	1.506606
3	3	58.0	18	1767.0	1026.0	1.792682
4	1	72.4	13	-	-	3.093781
5	3	94.3	8	1711.0	1784.0	3.380058
6	3	59.7	13	1172.0	1796.0	4.505876
7	1	58.5	18	-	-	5.155872
8	3	76.9	14	1705.0	1134.0	6.109486
9	2	56.8	5	1670.0	-	6.849015
10	3	74.7	14	1010.0	1959.0	7.873892
11	2	72.5	8	1245.0	-	8.060240
12	2	80.6	18	1529.0	-	9.217390
13	3	84.6	14	1949.0	1628.0	10.037811
14	2	64.4	13	1873.0	-	11.137870
15	2	99.2	5	1021.0	-	11.902995

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5519.0MHz, -63.0dBm	Hop sequence: 5478, 5559, 5307, 5260, 5263, 5350, 5254, 5311, 5371, 5331, 5439, 5592, 5268, 5454, 5706, 5400, 5595, 5258, 5694, 5604, 5474, 5530, 5280, 5325, 5553, 5250, 5412, 5616, 5582, 5613, 5338, 5389, 5391, 5437, 5453, 5521, 5632, 5450, 5481, 5404, 5591, 5380, 5563, 5390, 5583, 5719, 5644, 5296, 5448, 5570, 5265, 5654, 5403, 5607, 5488, 5471, 5305, 5292, 5417, 5641, 5295, 5718, 5435, 5462, 5266, 5444, 5598, 5384, 5587, 5687, 5312, 5512, 5638, 5449, 5294, 5520, 5326, 5262, 5318, 5456, 5489, 5251, 5299, 5269, 5351, 5494, 5375, 5419, 5688, 5308, 5364, 5684, 5316, 5635, 5290, 5723, 5572, 5306, 5704, 5676 (2 hits) (10/29/2013 01:14:30 PM)
2	9	1.0	333.0	Yes	5520.0MHz, -63.0dBm	Hop sequence: 5450, 5294, 5330, 5456, 5504, 5345, 5390, 5295, 5515, 5275, 5599, 5544, 5653, 5696, 5575, 5374, 5453, 5484, 5356, 5521, 5634, 5361, 5481, 5307, 5318, 5329, 5674, 5701, 5673, 5306, 5604, 5641, 5710, 5537, 5397, 5370, 5697, 5319, 5595, 5263, 5296, 5386, 5676, 5466, 5408, 5496, 5290, 5389, 5417, 5509, 5476, 5564, 5271, 5322, 5268, 5608, 5304, 5278, 5535, 5592, 5321, 5635, 5583, 5572, 5298, 5266, 5419, 5530, 5615, 5702, 5704, 5371, 5337, 5607, 5489, 5669, 5658, 5259, 5291, 5625, 5363, 5354, 5377, 5435, 5461, 5512, 5309, 5369, 5691, 5353, 5320, 5590, 5611, 5597, 5646, 5708, 5556, 5725, 5651, 5656 (4 hits) (10/29/2013 01:14:40 PM)
3	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5442, 5366, 5531, 5659, 5312, 5480, 5432, 5323, 5560, 5532, 5640, 5407, 5599, 5256, 5518, 5271, 5402, 5283, 5391, 5384, 5280, 5438, 5576, 5393, 5548, 5671, 5362, 5429, 5406, 5473, 5379, 5724, 5484, 5437, 5524, 5293, 5723, 5380, 5683, 5716, 5460, 5606, 5690, 5658, 5303, 5469, 5345, 5597,

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5424, 5300, 5638, 5375, 5568, 5615, 5713, 5584, 5311, 5677, 5501, 5679, 5340, 5530, 5598, 5383, 5403, 5708, 5542, 5489, 5694, 5352, 5529, 5547, 5334, 5663, 5279, 5481, 5363, 5296, 5668, 5543, 5324, 5553, 5614, 5453, 5335, 5701, 5509, 5633, 5359, 5287, 5295, 5619, 5635, 5261, 5259, 5398, 5344, 5693, 5361, 5425 (3 hits) (10/29/2013 01:14:52 PM)
4	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5498, 5373, 5390, 5268, 5378, 5705, 5529, 5449, 5474, 5269, 5575, 5523, 5597, 5619, 5319, 5344, 5699, 5278, 5585, 5496, 5571, 5320, 5372, 5422, 5435, 5429, 5664, 5560, 5479, 5654, 5360, 5477, 5349, 5596, 5566, 5536, 5662, 5437, 5639, 5321, 5615, 5609, 5288, 5457, 5704, 5655, 5612, 5253, 5439, 5617, 5677, 5541, 5442, 5538, 5698, 5453, 5684, 5402, 5375, 5472, 5398, 5672, 5432, 5660, 5377, 5532, 5647, 5611, 5569, 5310, 5284, 5476, 5490, 5720, 5714, 5673, 5488, 5300, 5309, 5443, 5519, 5700, 5395, 5489, 5661, 5331, 5302, 5504, 5451, 5545, 5568, 5627, 5675, 5466, 5582, 5590, 5371, 5717, 5614, 5258 (2 hits) (10/29/2013 01:15:04 PM)
5	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5703, 5706, 5711, 5580, 5673, 5447, 5309, 5459, 5306, 5510, 5359, 5312, 5396, 5381, 5281, 5639, 5689, 5434, 5506, 5672, 5617, 5571, 5532, 5572, 5685, 5380, 5424, 5663, 5374, 5717, 5631, 5482, 5701, 5523, 5299, 5266, 5573, 5319, 5590, 5267, 5679, 5382, 5535, 5690, 5485, 5581, 5553, 5537, 5355, 5675, 5637, 5394, 5314, 5493, 5524, 5290, 5353, 5551, 5391, 5710, 5595, 5377, 5634, 5339, 5327, 5549, 5271, 5301, 5608, 5615, 5348, 5526, 5358, 5497, 5575, 5368, 5550, 5659, 5596, 5361, 5448, 5325, 5286, 5613, 5722, 5438, 5591, 5414, 5473, 5705, 5344, 5372, 5407, 5469, 5463, 5329, 5437, 5402, 5554, 5474 (2 hits) (10/29/2013

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:15:14 PM)
6	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5314, 5647, 5398, 5385, 5689, 5328, 5524, 5416, 5590, 5508, 5586, 5603, 5636, 5438, 5494, 5718, 5266, 5374, 5329, 5613, 5675, 5439, 5406, 5334, 5443, 5546, 5452, 5371, 5611, 5313, 5562, 5683, 5599, 5396, 5521, 5579, 5497, 5306, 5682, 5361, 5680, 5467, 5622, 5432, 5476, 5326, 5408, 5386, 5373, 5414, 5640, 5714, 5598, 5571, 5561, 5303, 5407, 5279, 5422, 5706, 5564, 5668, 5532, 5582, 5493, 5630, 5653, 5655, 5388, 5458, 5664, 5310, 5424, 5309, 5588, 5552, 5676, 5518, 5354, 5325, 5426, 5629, 5301, 5258, 5566, 5349, 5529, 5449, 5292, 5690, 5596, 5318, 5311, 5482, 5338, 5459, 5573, 5624, 5646, 5353 (2 hits) (10/29/2013 01:15:24 PM)
7	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5290, 5693, 5582, 5584, 5621, 5424, 5618, 5639, 5665, 5284, 5466, 5309, 5452, 5398, 5541, 5294, 5562, 5465, 5354, 5279, 5274, 5719, 5646, 5327, 5700, 5252, 5725, 5340, 5322, 5370, 5275, 5648, 5312, 5324, 5522, 5568, 5611, 5572, 5632, 5636, 5394, 5500, 5448, 5384, 5662, 5712, 5722, 5330, 5404, 5670, 5338, 5457, 5600, 5358, 5659, 5477, 5321, 5671, 5599, 5560, 5704, 5538, 5325, 5402, 5565, 5688, 5320, 5427, 5606, 5302, 5410, 5517, 5689, 5482, 5721, 5570, 5654, 5473, 5530, 5691, 5544, 5438, 5499, 5276, 5576, 5425, 5411, 5494, 5366, 5429, 5297, 5474, 5668, 5434, 5710, 5511, 5610, 5255, 5559, 5439 (2 hits) (10/29/2013 01:15:46 PM)
8	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5509, 5342, 5547, 5458, 5700, 5345, 5431, 5724, 5611, 5592, 5404, 5328, 5387, 5326, 5479, 5552, 5258, 5680, 5359, 5409, 5459, 5251, 5439, 5420, 5307, 5312, 5687, 5292, 5692, 5541, 5310, 5678, 5701, 5391, 5494, 5322, 5679, 5358, 5561, 5559, 5492, 5626, 5633, 5269, 5327, 5483, 5690, 5721,

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5571, 5520, 5585, 5675, 5707, 5410, 5706, 5305, 5374, 5477, 5371, 5505, 5566, 5413, 5466, 5416, 5294, 5343, 5395, 5298, 5655, 5282, 5720, 5329, 5299, 5460, 5491, 5576, 5266, 5715, 5694, 5490, 5573, 5272, 5553, 5279, 5568, 5392, 5602, 5295, 5397, 5594, 5627, 5535, 5403, 5378, 5685, 5526, 5496, 5676, 5487, 5658 (3 hits) (10/29/2013 01:15:57 PM)
9	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5296, 5701, 5547, 5510, 5303, 5484, 5692, 5444, 5313, 5312, 5398, 5389, 5537, 5697, 5452, 5523, 5366, 5654, 5454, 5566, 5341, 5457, 5455, 5375, 5721, 5599, 5456, 5571, 5469, 5534, 5441, 5258, 5275, 5373, 5257, 5576, 5508, 5517, 5589, 5474, 5329, 5295, 5706, 5689, 5340, 5588, 5325, 5260, 5468, 5526, 5390, 5492, 5413, 5668, 5271, 5580, 5476, 5338, 5473, 5270, 5520, 5649, 5696, 5616, 5587, 5332, 5607, 5367, 5410, 5392, 5592, 5639, 5411, 5458, 5302, 5264, 5646, 5438, 5720, 5478, 5483, 5499, 5283, 5511, 5562, 5316, 5560, 5286, 5334, 5353, 5400, 5464, 5274, 5475, 5569, 5382, 5688, 5361, 5330, 5593 (5 hits) (10/29/2013 01:16:19 PM)
10	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5698, 5559, 5720, 5321, 5646, 5426, 5433, 5674, 5417, 5718, 5448, 5366, 5505, 5724, 5306, 5440, 5307, 5252, 5552, 5298, 5608, 5460, 5263, 5690, 5406, 5632, 5474, 5324, 5596, 5621, 5502, 5394, 5650, 5294, 5512, 5362, 5577, 5350, 5480, 5619, 5518, 5500, 5416, 5637, 5320, 5442, 5270, 5721, 5495, 5526, 5458, 5663, 5323, 5510, 5611, 5668, 5412, 5647, 5279, 5555, 5287, 5256, 5428, 5710, 5615, 5292, 5343, 5392, 5517, 5562, 5664, 5299, 5528, 5603, 5453, 5414, 5464, 5494, 5556, 5589, 5312, 5689, 5570, 5354, 5695, 5626, 5330, 5262, 5286, 5251, 5271, 5391, 5536, 5447, 5629, 5451, 5364, 5590, 5476, 5374 (6 hits) (10/29/2013

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:16:27 PM)
11	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5597, 5537, 5491, 5459, 5292, 5457, 5403, 5287, 5337, 5351, 5695, 5650, 5634, 5507, 5281, 5508, 5568, 5543, 5714, 5441, 5420, 5264, 5352, 5456, 5273, 5479, 5370, 5377, 5386, 5690, 5518, 5284, 5540, 5345, 5277, 5711, 5530, 5558, 5274, 5283, 5649, 5329, 5602, 5384, 5483, 5673, 5726, 5325, 5305, 5344, 5300, 5593, 5466, 5696, 5432, 5453, 5589, 5500, 5564, 5692, 5517, 5339, 5509, 5712, 5680, 5280, 5422, 5259, 5676, 5605, 5475, 5577, 5265, 5322, 5595, 5389, 5256, 5353, 5349, 5621, 5419, 5270, 5451, 5648, 5622, 5706, 5276, 5539, 5471, 5552, 5342, 5705, 5286, 5682, 5718, 5570, 5607, 5267, 5438, 5324 (5 hits) (10/29/2013 01:16:36 PM)
12	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5511, 5693, 5611, 5652, 5717, 5548, 5711, 5571, 5712, 5644, 5256, 5251, 5562, 5637, 5331, 5589, 5292, 5350, 5636, 5568, 5576, 5563, 5674, 5403, 5328, 5470, 5369, 5250, 5665, 5707, 5468, 5364, 5377, 5415, 5595, 5486, 5491, 5435, 5469, 5407, 5540, 5340, 5641, 5584, 5567, 5460, 5479, 5601, 5522, 5259, 5334, 5443, 5341, 5324, 5427, 5397, 5447, 5431, 5373, 5365, 5667, 5590, 5401, 5487, 5271, 5257, 5419, 5583, 5395, 5335, 5624, 5575, 5383, 5683, 5622, 5289, 5327, 5399, 5464, 5656, 5436, 5701, 5290, 5454, 5315, 5658, 5560, 5263, 5423, 5441, 5438, 5537, 5463, 5723, 5452, 5620, 5279, 5433, 5520, 5718 (2 hits) (10/29/2013 01:16:49 PM)
13	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5292, 5705, 5457, 5453, 5255, 5636, 5270, 5476, 5377, 5397, 5685, 5715, 5591, 5666, 5508, 5624, 5696, 5671, 5367, 5316, 5489, 5445, 5373, 5314, 5260, 5383, 5484, 5681, 5395, 5557, 5369, 5520, 5379, 5283, 5477, 5473, 5556, 5646, 5469, 5468, 5628, 5313, 5421, 5690, 5708, 5605, 5458, 5511,

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5254, 5565, 5603, 5304, 5668, 5404, 5657, 5394, 5600, 5583, 5723, 5645, 5638, 5503, 5467, 5522, 5718, 5265, 5403, 5496, 5359, 5374, 5256, 5399, 5279, 5533, 5675, 5724, 5490, 5472, 5427, 5629, 5380, 5259, 5460, 5505, 5597, 5725, 5521, 5411, 5293, 5570, 5704, 5595, 5673, 5717, 5323, 5485, 5354, 5343, 5276, 5617 (5 hits) (10/29/2013 01:17:36 PM)
14	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5464, 5632, 5544, 5705, 5725, 5695, 5390, 5611, 5616, 5675, 5547, 5251, 5532, 5513, 5703, 5263, 5483, 5488, 5394, 5723, 5392, 5313, 5444, 5474, 5584, 5252, 5516, 5384, 5612, 5459, 5673, 5702, 5670, 5437, 5427, 5318, 5283, 5371, 5650, 5413, 5274, 5280, 5300, 5308, 5477, 5281, 5255, 5421, 5610, 5326, 5720, 5621, 5393, 5273, 5257, 5494, 5630, 5321, 5693, 5292, 5366, 5669, 5598, 5681, 5572, 5606, 5546, 5665, 5691, 5576, 5582, 5277, 5647, 5641, 5402, 5596, 5428, 5507, 5452, 5682, 5531, 5501, 5619, 5608, 5344, 5278, 5508, 5456, 5375, 5568, 5503, 5550, 5276, 5620, 5524, 5636, 5676, 5504, 5511, 5356 (8 hits) (10/29/2013 01:17:47 PM)
15	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5430, 5527, 5312, 5296, 5342, 5660, 5598, 5715, 5626, 5682, 5404, 5705, 5321, 5637, 5689, 5289, 5716, 5429, 5687, 5298, 5467, 5615, 5701, 5665, 5263, 5691, 5610, 5706, 5353, 5406, 5372, 5579, 5308, 5294, 5514, 5276, 5286, 5591, 5709, 5672, 5336, 5572, 5419, 5618, 5465, 5480, 5412, 5667, 5726, 5661, 5642, 5347, 5561, 5405, 5439, 5407, 5723, 5468, 5718, 5360, 5683, 5679, 5254, 5597, 5607, 5590, 5447, 5700, 5481, 5425, 5722, 5370, 5293, 5531, 5268, 5645, 5688, 5595, 5540, 5367, 5363, 5495, 5629, 5287, 5330, 5460, 5593, 5553, 5548, 5400, 5652, 5374, 5564, 5354, 5307, 5542, 5674, 5494, 5403, 5362 (1 hits) (10/29/2013

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:17:57 PM)
16	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5308, 5292, 5385, 5573, 5260, 5444, 5290, 5693, 5258, 5426, 5272, 5361, 5641, 5598, 5707, 5429, 5661, 5655, 5442, 5635, 5338, 5574, 5519, 5597, 5672, 5542, 5586, 5416, 5466, 5320, 5318, 5575, 5725, 5555, 5353, 5699, 5357, 5309, 5336, 5452, 5559, 5419, 5355, 5382, 5448, 5491, 5722, 5668, 5406, 5432, 5658, 5580, 5685, 5467, 5695, 5514, 5359, 5400, 5465, 5330, 5454, 5449, 5457, 5703, 5414, 5698, 5529, 5522, 5360, 5506, 5623, 5367, 5332, 5428, 5458, 5617, 5384, 5507, 5335, 5405, 5453, 5314, 5702, 5321, 5409, 5450, 5536, 5348, 5410, 5399, 5630, 5582, 5496, 5645, 5643, 5502, 5589, 5485, 5375, 5656 (5 hits) (10/29/2013 01:18:16 PM)
17	9	1.0	333.0	Yes	5515.0MHz, -63.0dBm	Hop sequence: 5408, 5572, 5621, 5444, 5312, 5520, 5445, 5255, 5450, 5476, 5389, 5664, 5638, 5303, 5413, 5488, 5442, 5554, 5259, 5286, 5467, 5340, 5684, 5657, 5616, 5321, 5447, 5676, 5699, 5671, 5532, 5461, 5710, 5430, 5298, 5323, 5421, 5575, 5281, 5622, 5668, 5310, 5534, 5400, 5713, 5607, 5392, 5709, 5600, 5462, 5673, 5380, 5431, 5291, 5644, 5496, 5265, 5480, 5591, 5385, 5425, 5452, 5557, 5490, 5499, 5436, 5652, 5612, 5564, 5315, 5615, 5271, 5481, 5470, 5283, 5464, 5370, 5353, 5434, 5503, 5411, 5645, 5363, 5630, 5349, 5716, 5647, 5407, 5372, 5569, 5365, 5696, 5339, 5288, 5420, 5319, 5360, 5495, 5473, 5595 (2 hits) (10/29/2013 01:18:27 PM)
18	9	1.0	333.0	Yes	5516.0MHz, -63.0dBm	Hop sequence: 5657, 5597, 5283, 5721, 5316, 5618, 5416, 5673, 5286, 5414, 5262, 5535, 5649, 5268, 5686, 5450, 5662, 5389, 5593, 5538, 5372, 5279, 5513, 5325, 5716, 5317, 5451, 5478, 5346, 5554, 5594, 5405, 5288, 5557, 5527, 5561, 5612, 5305, 5267, 5320, 5363, 5490, 5676, 5576, 5256, 5695, 5278, 5531,

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5277, 5601, 5460, 5351, 5258, 5311, 5712, 5613, 5290, 5307, 5541, 5408, 5679, 5616, 5385, 5353, 5334, 5427, 5584, 5399, 5682, 5465, 5337, 5252, 5373, 5643, 5669, 5529, 5722, 5505, 5684, 5495, 5453, 5302, 5520, 5441, 5608, 5605, 5595, 5430, 5440, 5655, 5397, 5443, 5463, 5563, 5396, 5483, 5556, 5275, 5694, 5707 (3 hits) (10/29/2013 01:18:38 PM)
19	9	1.0	333.0	Yes	5517.0MHz, -63.0dBm	Hop sequence: 5403, 5477, 5583, 5379, 5361, 5413, 5697, 5357, 5359, 5695, 5514, 5425, 5520, 5390, 5637, 5341, 5333, 5306, 5310, 5294, 5694, 5440, 5322, 5473, 5449, 5581, 5606, 5662, 5691, 5299, 5471, 5321, 5519, 5624, 5555, 5601, 5486, 5572, 5468, 5452, 5466, 5705, 5571, 5570, 5448, 5719, 5279, 5402, 5672, 5278, 5434, 5336, 5325, 5252, 5628, 5657, 5480, 5391, 5545, 5427, 5580, 5281, 5561, 5274, 5451, 5478, 5597, 5450, 5367, 5421, 5467, 5408, 5369, 5388, 5567, 5290, 5303, 5540, 5622, 5513, 5500, 5599, 5400, 5485, 5401, 5384, 5363, 5521, 5382, 5498, 5542, 5639, 5489, 5511, 5456, 5494, 5611, 5426, 5529, 5295 (5 hits) (10/29/2013 01:18:48 PM)
20	9	1.0	333.0	Yes	5518.0MHz, -63.0dBm	Hop sequence: 5705, 5546, 5448, 5627, 5551, 5525, 5564, 5414, 5384, 5609, 5254, 5509, 5719, 5331, 5638, 5456, 5669, 5423, 5693, 5329, 5354, 5606, 5579, 5451, 5569, 5388, 5290, 5347, 5656, 5718, 5443, 5368, 5395, 5586, 5271, 5274, 5681, 5390, 5313, 5663, 5545, 5698, 5666, 5272, 5555, 5556, 5293, 5377, 5273, 5614, 5277, 5596, 5497, 5437, 5486, 5532, 5511, 5632, 5575, 5270, 5692, 5320, 5678, 5601, 5415, 5391, 5304, 5720, 5502, 5589, 5335, 5687, 5588, 5297, 5527, 5665, 5310, 5721, 5580, 5434, 5376, 5619, 5482, 5519, 5652, 5641, 5566, 5538, 5481, 5470, 5367, 5458, 5411, 5581, 5653, 5567, 5444, 5646, 5401, 5535 (4 hits) (10/29/2013

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:19:15 PM)
21	9	1.0	333.0	Yes	5519.0MHz, -63.0dBm	Hop sequence: 5275, 5571, 5537, 5463, 5715, 5534, 5320, 5654, 5613, 5402, 5666, 5370, 5334, 5716, 5412, 5713, 5597, 5446, 5326, 5558, 5519, 5567, 5688, 5483, 5507, 5392, 5425, 5523, 5504, 5602, 5460, 5321, 5661, 5587, 5518, 5261, 5694, 5632, 5532, 5649, 5527, 5288, 5620, 5287, 5363, 5323, 5570, 5553, 5579, 5253, 5333, 5456, 5329, 5634, 5695, 5341, 5421, 5719, 5486, 5458, 5355, 5544, 5675, 5670, 5708, 5685, 5432, 5397, 5399, 5284, 5414, 5292, 5474, 5577, 5517, 5520, 5673, 5582, 5561, 5524, 5584, 5628, 5684, 5422, 5605, 5589, 5410, 5635, 5448, 5581, 5438, 5528, 5655, 5350, 5619, 5379, 5565, 5564, 5291, 5411 (6 hits) (10/29/2013 01:19:44 PM)
22	9	1.0	333.0	Yes	5520.0MHz, -63.0dBm	Hop sequence: 5417, 5370, 5456, 5507, 5508, 5700, 5502, 5725, 5539, 5682, 5640, 5290, 5541, 5578, 5616, 5338, 5659, 5428, 5460, 5510, 5343, 5356, 5405, 5667, 5665, 5477, 5321, 5530, 5697, 5276, 5398, 5586, 5396, 5544, 5324, 5462, 5448, 5432, 5286, 5560, 5412, 5384, 5461, 5316, 5488, 5282, 5558, 5373, 5639, 5397, 5317, 5693, 5686, 5404, 5386, 5361, 5369, 5259, 5628, 5483, 5599, 5300, 5601, 5703, 5319, 5327, 5556, 5325, 5252, 5453, 5528, 5314, 5536, 5416, 5718, 5344, 5372, 5587, 5478, 5553, 5381, 5459, 5365, 5349, 5699, 5524, 5250, 5393, 5254, 5392, 5617, 5295, 5503, 5311, 5424, 5274, 5654, 5580, 5719, 5648 (5 hits) (10/29/2013 01:19:57 PM)
23	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5353, 5659, 5405, 5653, 5631, 5352, 5280, 5682, 5533, 5465, 5442, 5328, 5647, 5680, 5255, 5579, 5377, 5438, 5463, 5719, 5588, 5510, 5320, 5724, 5609, 5411, 5489, 5695, 5455, 5419, 5665, 5521, 5374, 5596, 5356, 5472, 5332, 5409, 5450, 5301, 5562, 5610, 5429, 5310, 5287, 5513, 5613, 5524,

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5607, 5308, 5333, 5506, 5515, 5358, 5316, 5269, 5428, 5264, 5364, 5601, 5263, 5283, 5260, 5470, 5514, 5397, 5436, 5574, 5534, 5416, 5663, 5365, 5608, 5525, 5384, 5639, 5380, 5339, 5451, 5464, 5454, 5580, 5619, 5599, 5494, 5527, 5421, 5367, 5603, 5395, 5713, 5707, 5652, 5716, 5703, 5602, 5667, 5569, 5486, 5373 (5 hits) (10/29/2013 01:20:08 PM)
24	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5394, 5440, 5518, 5434, 5342, 5639, 5461, 5480, 5477, 5513, 5628, 5710, 5627, 5268, 5367, 5680, 5646, 5498, 5410, 5525, 5355, 5612, 5632, 5484, 5660, 5524, 5554, 5575, 5520, 5250, 5482, 5631, 5536, 5694, 5423, 5278, 5473, 5442, 5561, 5718, 5255, 5453, 5393, 5376, 5380, 5528, 5659, 5490, 5371, 5607, 5348, 5565, 5345, 5422, 5695, 5283, 5626, 5289, 5306, 5469, 5430, 5502, 5455, 5529, 5541, 5449, 5669, 5650, 5504, 5298, 5316, 5707, 5296, 5709, 5411, 5556, 5540, 5688, 5326, 5602, 5588, 5291, 5269, 5294, 5693, 5625, 5267, 5699, 5668, 5386, 5424, 5330, 5619, 5266, 5366, 5264, 5517, 5314, 5297, 5478 (6 hits) (10/29/2013 01:20:19 PM)
25	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5372, 5548, 5295, 5382, 5705, 5574, 5364, 5638, 5297, 5670, 5398, 5264, 5429, 5714, 5451, 5498, 5527, 5513, 5326, 5404, 5253, 5448, 5654, 5628, 5409, 5315, 5663, 5488, 5251, 5284, 5706, 5457, 5712, 5564, 5414, 5344, 5672, 5445, 5276, 5530, 5602, 5394, 5460, 5275, 5273, 5528, 5688, 5443, 5314, 5360, 5318, 5459, 5566, 5256, 5539, 5669, 5635, 5573, 5510, 5544, 5287, 5349, 5578, 5569, 5387, 5623, 5603, 5390, 5436, 5581, 5608, 5453, 5383, 5475, 5437, 5720, 5535, 5491, 5319, 5291, 5335, 5281, 5345, 5392, 5559, 5551, 5396, 5419, 5619, 5577, 5607, 5462, 5553, 5545, 5648, 5439, 5504, 5339, 5571, 5656 (3 hits) (10/29/2013

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:20:30 PM)
26	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5571, 5580, 5692, 5446, 5393, 5597, 5279, 5292, 5491, 5500, 5520, 5664, 5603, 5626, 5529, 5608, 5288, 5617, 5291, 5340, 5470, 5496, 5537, 5553, 5536, 5391, 5660, 5484, 5610, 5508, 5609, 5364, 5315, 5469, 5467, 5563, 5701, 5555, 5494, 5328, 5435, 5620, 5420, 5310, 5658, 5582, 5515, 5419, 5677, 5346, 5399, 5589, 5404, 5418, 5339, 5679, 5554, 5414, 5330, 5598, 5668, 5605, 5461, 5592, 5561, 5486, 5513, 5721, 5670, 5425, 5647, 5438, 5400, 5273, 5501, 5579, 5351, 5474, 5449, 5584, 5518, 5301, 5361, 5630, 5341, 5528, 5344, 5572, 5257, 5490, 5573, 5685, 5644, 5591, 5382, 5478, 5427, 5655, 5372, 5718 (6 hits) (10/29/2013 01:20:40 PM)
27	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5715, 5311, 5429, 5403, 5637, 5615, 5371, 5338, 5697, 5691, 5435, 5518, 5626, 5303, 5482, 5617, 5400, 5310, 5534, 5677, 5512, 5682, 5365, 5349, 5358, 5561, 5675, 5576, 5504, 5486, 5661, 5490, 5684, 5323, 5332, 5442, 5716, 5507, 5425, 5339, 5452, 5460, 5650, 5539, 5354, 5532, 5285, 5719, 5322, 5250, 5724, 5321, 5670, 5318, 5348, 5713, 5652, 5718, 5423, 5657, 5648, 5511, 5483, 5398, 5605, 5422, 5293, 5433, 5566, 5328, 5390, 5478, 5582, 5646, 5317, 5673, 5343, 5594, 5641, 5531, 5385, 5680, 5526, 5501, 5277, 5654, 5252, 5588, 5313, 5337, 5572, 5436, 5472, 5647, 5690, 5467, 5723, 5481, 5334, 5408 (6 hits) (10/29/2013 01:20:58 PM)
28	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5626, 5524, 5651, 5351, 5296, 5543, 5555, 5371, 5368, 5695, 5389, 5260, 5563, 5391, 5348, 5666, 5493, 5387, 5322, 5313, 5638, 5364, 5286, 5630, 5515, 5714, 5386, 5724, 5709, 5663, 5408, 5610, 5696, 5504, 5622, 5559, 5556, 5488, 5705, 5369, 5373, 5535, 5598, 5717, 5320, 5513, 5268, 5694,

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5636, 5275, 5474, 5443, 5294, 5290, 5565, 5721, 5429, 5270, 5289, 5420, 5293, 5548, 5379, 5302, 5332, 5579, 5428, 5358, 5647, 5437, 5691, 5640, 5646, 5639, 5340, 5462, 5388, 5383, 5597, 5384, 5621, 5520, 5450, 5261, 5624, 5532, 5561, 5511, 5603, 5395, 5491, 5659, 5453, 5338, 5326, 5525, 5671, 5531, 5273, 5404 (5 hits) (10/29/2013 01:21:29 PM)
29	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5405, 5573, 5567, 5702, 5436, 5341, 5700, 5429, 5589, 5615, 5421, 5584, 5553, 5686, 5653, 5455, 5459, 5381, 5543, 5437, 5565, 5547, 5387, 5444, 5530, 5477, 5324, 5529, 5520, 5419, 5485, 5367, 5276, 5493, 5546, 5270, 5695, 5709, 5708, 5498, 5595, 5434, 5551, 5619, 5696, 5627, 5712, 5570, 5670, 5425, 5431, 5545, 5635, 5625, 5536, 5722, 5673, 5412, 5307, 5672, 5633, 5403, 5671, 5640, 5476, 5334, 5603, 5503, 5449, 5610, 5315, 5720, 5309, 5368, 5281, 5552, 5407, 5495, 5416, 5326, 5306, 5591, 5418, 5715, 5501, 5297, 5594, 5521, 5710, 5524, 5438, 5519, 5257, 5719, 5590, 5691, 5332, 5569, 5424, 5664 (4 hits) (10/29/2013 01:21:54 PM)
30	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5720, 5460, 5714, 5284, 5319, 5392, 5420, 5678, 5303, 5723, 5450, 5308, 5611, 5402, 5634, 5635, 5564, 5667, 5473, 5545, 5369, 5261, 5531, 5640, 5487, 5367, 5628, 5275, 5260, 5449, 5479, 5443, 5656, 5660, 5300, 5457, 5475, 5310, 5529, 5484, 5357, 5287, 5692, 5313, 5459, 5382, 5378, 5269, 5383, 5375, 5602, 5334, 5368, 5568, 5657, 5426, 5482, 5549, 5578, 5707, 5645, 5271, 5396, 5573, 5605, 5452, 5682, 5608, 5615, 5687, 5695, 5251, 5307, 5696, 5311, 5724, 5478, 5719, 5556, 5411, 5626, 5292, 5512, 5614, 5364, 5504, 5546, 5505, 5663, 5444, 5439, 5320, 5266, 5623, 5329, 5385, 5589, 5453, 5592, 5343 (3 hits) (10/29/2013

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:22:07 PM)
31	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5591, 5621, 5584, 5713, 5583, 5623, 5266, 5345, 5682, 5385, 5312, 5525, 5309, 5632, 5403, 5300, 5558, 5660, 5702, 5306, 5341, 5370, 5423, 5539, 5302, 5289, 5600, 5605, 5308, 5559, 5419, 5688, 5454, 5700, 5513, 5501, 5444, 5692, 5280, 5656, 5551, 5667, 5594, 5495, 5548, 5384, 5690, 5438, 5499, 5644, 5592, 5626, 5392, 5649, 5615, 5399, 5441, 5613, 5291, 5721, 5406, 5451, 5532, 5257, 5258, 5262, 5671, 5590, 5630, 5459, 5643, 5535, 5301, 5404, 5509, 5405, 5678, 5668, 5612, 5706, 5457, 5672, 5497, 5481, 5642, 5318, 5607, 5325, 5263, 5648, 5432, 5372, 5401, 5299, 5461, 5549, 5704, 5545, 5439, 5679 (3 hits) (10/29/2013 01:22:17 PM)
32	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5724, 5415, 5541, 5379, 5636, 5704, 5393, 5315, 5397, 5553, 5410, 5676, 5697, 5684, 5696, 5690, 5595, 5263, 5466, 5388, 5493, 5348, 5649, 5473, 5507, 5511, 5369, 5642, 5385, 5544, 5480, 5500, 5599, 5538, 5344, 5706, 5472, 5699, 5578, 5567, 5290, 5337, 5722, 5528, 5416, 5382, 5515, 5351, 5563, 5679, 5352, 5448, 5375, 5406, 5514, 5548, 5260, 5671, 5549, 5709, 5441, 5583, 5271, 5492, 5394, 5723, 5469, 5462, 5540, 5532, 5349, 5496, 5356, 5299, 5304, 5518, 5302, 5574, 5328, 5688, 5485, 5509, 5264, 5322, 5711, 5646, 5639, 5598, 5338, 5346, 5673, 5520, 5408, 5424, 5577, 5569, 5568, 5419, 5648, 5556 (7 hits) (10/29/2013 01:22:27 PM)
33	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5679, 5341, 5712, 5286, 5565, 5697, 5636, 5335, 5469, 5262, 5570, 5550, 5382, 5585, 5521, 5263, 5370, 5584, 5342, 5415, 5573, 5655, 5669, 5416, 5324, 5253, 5614, 5588, 5351, 5721, 5317, 5376, 5688, 5468, 5456, 5506, 5400, 5363, 5348, 5331, 5525, 5532, 5349, 5279, 5611, 5683, 5554, 5575,

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5714, 5701, 5618, 5418, 5309, 5485, 5406, 5548, 5283, 5706, 5480, 5404, 5644, 5285, 5388, 5407, 5272, 5394, 5725, 5608, 5685, 5571, 5502, 5693, 5724, 5526, 5698, 5395, 5581, 5475, 5607, 5362, 5576, 5582, 5684, 5626, 5711, 5425, 5630, 5347, 5599, 5269, 5461, 5564, 5313, 5374, 5507, 5541, 5703, 5692, 5328, 5457 (3 hits) (10/29/2013 01:22:38 PM)
34	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5459, 5431, 5595, 5356, 5425, 5418, 5561, 5345, 5278, 5507, 5526, 5593, 5252, 5453, 5515, 5436, 5567, 5417, 5383, 5410, 5347, 5564, 5288, 5495, 5685, 5489, 5399, 5265, 5269, 5464, 5443, 5353, 5333, 5342, 5428, 5525, 5297, 5270, 5648, 5460, 5463, 5578, 5550, 5577, 5409, 5250, 5546, 5649, 5704, 5533, 5389, 5402, 5317, 5449, 5639, 5650, 5374, 5721, 5375, 5501, 5709, 5326, 5283, 5487, 5388, 5651, 5597, 5510, 5608, 5675, 5583, 5722, 5680, 5691, 5364, 5414, 5641, 5686, 5679, 5524, 5478, 5438, 5630, 5274, 5467, 5496, 5661, 5571, 5604, 5465, 5569, 5369, 5493, 5580, 5266, 5300, 5343, 5470, 5426, 5277 (4 hits) (10/29/2013 01:22:47 PM)
35	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5263, 5488, 5253, 5364, 5533, 5507, 5438, 5667, 5582, 5683, 5324, 5383, 5436, 5473, 5280, 5521, 5602, 5660, 5471, 5502, 5500, 5413, 5295, 5305, 5278, 5303, 5675, 5644, 5696, 5547, 5398, 5447, 5357, 5528, 5577, 5391, 5631, 5433, 5320, 5307, 5700, 5595, 5478, 5301, 5434, 5576, 5512, 5370, 5404, 5539, 5513, 5681, 5688, 5260, 5339, 5421, 5624, 5504, 5685, 5628, 5604, 5258, 5359, 5583, 5443, 5501, 5517, 5618, 5445, 5376, 5531, 5452, 5616, 5469, 5321, 5641, 5401, 5300, 5703, 5479, 5284, 5712, 5316, 5333, 5464, 5702, 5490, 5368, 5558, 5492, 5572, 5546, 5587, 5649, 5718, 5664, 5555, 5545, 5593, 5289 (7 hits) (10/29/2013

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:22:57 PM)
36	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5448, 5347, 5489, 5636, 5632, 5304, 5591, 5492, 5426, 5718, 5394, 5657, 5556, 5346, 5301, 5660, 5508, 5609, 5590, 5367, 5288, 5408, 5385, 5354, 5471, 5371, 5407, 5350, 5267, 5658, 5615, 5626, 5373, 5416, 5540, 5708, 5428, 5454, 5327, 5521, 5715, 5693, 5412, 5628, 5334, 5697, 5704, 5477, 5682, 5579, 5694, 5530, 5310, 5624, 5627, 5276, 5546, 5535, 5620, 5256, 5608, 5606, 5527, 5630, 5522, 5362, 5291, 5575, 5494, 5286, 5603, 5666, 5470, 5554, 5598, 5517, 5538, 5703, 5273, 5490, 5563, 5398, 5574, 5702, 5333, 5568, 5655, 5302, 5625, 5648, 5711, 5297, 5386, 5384, 5421, 5274, 5635, 5696, 5464, 5534 (2 hits) (10/29/2013 01:23:05 PM)
37	9	1.0	333.0	Yes	5515.0MHz, -63.0dBm	Hop sequence: 5611, 5356, 5597, 5685, 5436, 5399, 5589, 5444, 5336, 5715, 5490, 5377, 5293, 5378, 5291, 5633, 5689, 5699, 5585, 5626, 5645, 5369, 5716, 5523, 5533, 5468, 5540, 5574, 5691, 5577, 5410, 5665, 5512, 5726, 5292, 5520, 5497, 5608, 5534, 5290, 5326, 5493, 5424, 5564, 5695, 5432, 5653, 5285, 5544, 5599, 5613, 5539, 5725, 5724, 5386, 5427, 5647, 5696, 5694, 5464, 5420, 5646, 5648, 5429, 5453, 5323, 5624, 5596, 5405, 5343, 5321, 5698, 5510, 5415, 5604, 5579, 5714, 5602, 5388, 5631, 5284, 5600, 5370, 5565, 5374, 5254, 5551, 5287, 5445, 5641, 5664, 5414, 5277, 5529, 5328, 5398, 5345, 5465, 5361, 5502 (4 hits) (10/29/2013 01:23:14 PM)
38	9	1.0	333.0	Yes	5516.0MHz, -63.0dBm	Hop sequence: 5388, 5334, 5362, 5431, 5661, 5568, 5507, 5372, 5258, 5278, 5622, 5630, 5681, 5643, 5664, 5514, 5421, 5700, 5692, 5303, 5492, 5448, 5710, 5578, 5576, 5521, 5536, 5269, 5540, 5530, 5531, 5686, 5472, 5657, 5633, 5520, 5691, 5450, 5275, 5328, 5440, 5343, 5615, 5399, 5583, 5527, 5513, 5332,

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5295, 5298, 5577, 5591, 5256, 5346, 5679, 5312, 5571, 5315, 5309, 5695, 5641, 5537, 5330, 5391, 5674, 5347, 5310, 5548, 5501, 5378, 5402, 5488, 5494, 5449, 5609, 5340, 5608, 5495, 5433, 5277, 5725, 5526, 5499, 5616, 5434, 5541, 5446, 5551, 5607, 5437, 5285, 5320, 5349, 5374, 5390, 5406, 5627, 5557, 5398, 5311 (5 hits) (10/29/2013 01:23:27 PM)
39	9	1.0	333.0	Yes	5517.0MHz, -63.0dBm	Hop sequence: 5288, 5593, 5410, 5614, 5638, 5362, 5482, 5278, 5523, 5516, 5612, 5438, 5279, 5531, 5326, 5648, 5711, 5655, 5693, 5388, 5718, 5640, 5667, 5643, 5681, 5631, 5377, 5276, 5494, 5270, 5450, 5706, 5322, 5564, 5498, 5376, 5490, 5348, 5286, 5717, 5430, 5619, 5573, 5629, 5522, 5256, 5501, 5549, 5672, 5603, 5697, 5487, 5252, 5294, 5613, 5588, 5715, 5527, 5350, 5495, 5405, 5622, 5360, 5395, 5668, 5695, 5714, 5373, 5492, 5434, 5581, 5328, 5365, 5354, 5386, 5321, 5274, 5461, 5463, 5417, 5416, 5466, 5637, 5534, 5670, 5402, 5675, 5594, 5539, 5454, 5491, 5692, 5540, 5708, 5642, 5380, 5686, 5659, 5251, 5423 (2 hits) (10/29/2013 01:23:39 PM)
40	9	1.0	333.0	Yes	5518.0MHz, -63.0dBm	Hop sequence: 5384, 5493, 5620, 5397, 5385, 5593, 5710, 5291, 5581, 5651, 5624, 5409, 5368, 5324, 5340, 5515, 5616, 5289, 5723, 5453, 5645, 5318, 5330, 5435, 5544, 5555, 5563, 5351, 5411, 5518, 5334, 5677, 5638, 5284, 5295, 5617, 5266, 5339, 5533, 5613, 5719, 5445, 5494, 5282, 5278, 5250, 5482, 5449, 5498, 5552, 5585, 5564, 5428, 5556, 5582, 5595, 5417, 5722, 5448, 5267, 5337, 5516, 5623, 5594, 5639, 5281, 5607, 5603, 5615, 5559, 5479, 5298, 5680, 5496, 5362, 5598, 5583, 5661, 5587, 5691, 5336, 5297, 5547, 5724, 5366, 5474, 5709, 5654, 5548, 5665, 5687, 5574, 5664, 5275, 5301, 5545, 5371, 5506, 5575, 5263 (4 hits) (10/29/2013

Table 87 - FCC frequency hopping radar (Type 6) Results 20MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						01:23:57 PM)

Table 88 - FCC Short Pulse Radar (Type 1) Results 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 89 - FCC Short Pulse Radar (Type 2) Results 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	26	1.9	220.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	28	3.6	187.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	28	3.8	181.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	27	1.1	195.0	Yes	5520.0MHz, -63.0dBm	Single burst
5	26	1.9	156.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	27	2.4	196.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	28	3.4	197.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	27	2.9	215.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	23	1.3	175.0	Yes	5520.0MHz, -63.0dBm	Single burst
10	27	3.3	163.0	Yes	5515.0MHz, -63.0dBm	Single burst
11	25	3.0	220.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	28	4.1	208.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	23	4.4	181.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	26	1.6	169.0	Yes	5520.0MHz, -63.0dBm	Single burst
15	24	5.0	168.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	28	3.7	225.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	27	1.8	182.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	28	2.7	171.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	25	2.3	183.0	Yes	5520.0MHz, -63.0dBm	Single burst
20	23	4.6	156.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	25	4.6	178.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	25	2.7	212.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	25	5.0	191.0	Yes	5500.0MHz, -63.0dBm	Single burst
24	24	3.3	172.0	Yes	5520.0MHz, -63.0dBm	Single burst
25	28	4.0	164.0	Yes	5515.0MHz, -63.0dBm	Single burst
26	27	3.7	151.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	28	1.3	164.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	26	1.3	168.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	28	1.4	210.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	26	2.7	160.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 90 - FCC Short Pulse Radar (Type 3) Results 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	8.7	230.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	18	7.7	441.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	18	8.0	214.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	17	9.7	298.0	Yes	5520.0MHz, -63.0dBm	Single burst
5	17	6.4	315.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	16	6.8	375.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	16	6.1	333.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	17	8.2	476.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	18	9.0	355.0	No	5520.0MHz, -63.0dBm	Single burst
10	17	6.9	282.0	Yes	5515.0MHz, -63.0dBm	Single burst
11	16	8.0	293.0	No	5510.0MHz, -63.0dBm	Single burst
12	18	6.3	257.0	Yes	5505.0MHz, -63.0dBm	Single burst
13	17	6.2	319.0	Yes	5500.0MHz, -63.0dBm	Single burst
14	16	7.2	460.0	No	5520.0MHz, -63.0dBm	Single burst
15	17	7.6	464.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	17	9.6	322.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	18	7.1	216.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	16	7.8	500.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	17	7.4	262.0	Yes	5520.0MHz, -63.0dBm	Single burst
20	18	6.9	384.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	17	7.8	327.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	17	8.3	357.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	17	9.4	372.0	Yes	5500.0MHz, -63.0dBm	Single burst
24	17	6.7	457.0	Yes	5520.0MHz, -63.0dBm	Single burst
25	17	9.4	423.0	Yes	5515.0MHz, -63.0dBm	Single burst
26	17	9.8	261.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	17	8.7	241.0	Yes	5505.0MHz, -63.0dBm	Single burst
28	17	6.1	328.0	No	5500.0MHz, -63.0dBm	Single burst
29	17	7.0	238.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	18	6.7	382.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 91 - FCC Short Pulse Radar (Type 4) Results 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	11.7	466.0	Yes	5510.0MHz, -63.0dBm	Single burst
2	15	18.6	347.0	Yes	5505.0MHz, -63.0dBm	Single burst
3	14	16.5	370.0	Yes	5500.0MHz, -63.0dBm	Single burst
4	13	16.2	465.0	Yes	5520.0MHz, -63.0dBm	Single burst
5	13	19.9	384.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	15	16.6	273.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	13	16.5	248.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	14	14.6	447.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	12	16.6	368.0	Yes	5520.0MHz, -63.0dBm	Single burst
10	16	19.9	372.0	Yes	5515.0MHz, -63.0dBm	Single burst
11	14	18.1	212.0	Yes	5510.0MHz, -63.0dBm	Single burst
12	15	12.6	246.0	No	5505.0MHz, -63.0dBm	Single burst
13	14	12.3	357.0	No	5500.0MHz, -63.0dBm	Single burst
14	14	14.5	462.0	Yes	5520.0MHz, -63.0dBm	Single burst
15	13	18.4	387.0	Yes	5515.0MHz, -63.0dBm	Single burst
16	15	13.7	287.0	Yes	5510.0MHz, -63.0dBm	Single burst
17	13	18.0	465.0	Yes	5505.0MHz, -63.0dBm	Single burst
18	13	13.4	280.0	Yes	5500.0MHz, -63.0dBm	Single burst
19	14	15.9	235.0	No	5520.0MHz, -63.0dBm	Single burst
20	15	16.2	403.0	Yes	5515.0MHz, -63.0dBm	Single burst
21	16	11.9	355.0	Yes	5510.0MHz, -63.0dBm	Single burst
22	15	15.4	430.0	Yes	5505.0MHz, -63.0dBm	Single burst
23	14	11.6	216.0	No	5500.0MHz, -63.0dBm	Single burst
24	15	16.9	406.0	Yes	5520.0MHz, -63.0dBm	Single burst
25	15	14.9	379.0	Yes	5515.0MHz, -63.0dBm	Single burst
26	13	16.6	466.0	Yes	5510.0MHz, -63.0dBm	Single burst
27	13	18.0	221.0	No	5505.0MHz, -63.0dBm	Single burst
28	14	14.0	362.0	Yes	5500.0MHz, -63.0dBm	Single burst
29	14	19.6	215.0	Yes	5520.0MHz, -63.0dBm	Single burst
30	14	18.2	339.0	Yes	5515.0MHz, -63.0dBm	Single burst

Table 92 - Long Sequence Waveform Summary 40MHz		
Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5510.0MHz, -63.0dBm
Trial #2	Detected	5505.0MHz, -63.0dBm
Trial #3	Detected	5500.0MHz, -63.0dBm
Trial #4	Detected	5520.0MHz, -63.0dBm
Trial #5	Detected	5515.0MHz, -63.0dBm
Trial #6	Detected	5510.0MHz, -63.0dBm
Trial #7	Detected	5505.0MHz, -63.0dBm
Trial #8	Detected	5500.0MHz, -63.0dBm
Trial #9	Detected	5520.0MHz, -63.0dBm
Trial #10	Detected	5515.0MHz, -63.0dBm
Trial #11	Detected	5510.0MHz, -63.0dBm
Trial #12	Detected	5505.0MHz, -63.0dBm
Trial #13	Detected	5500.0MHz, -63.0dBm
Trial #14	Detected	5520.0MHz, -63.0dBm
Trial #15	Detected	5515.0MHz, -63.0dBm
Trial #16	Detected	5510.0MHz, -63.0dBm
Trial #17	Detected	5505.0MHz, -63.0dBm
Trial #18	Detected	5500.0MHz, -63.0dBm
Trial #19	Detected	5520.0MHz, -63.0dBm
Trial #20	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	5520.0MHz, -63.0dBm
Trial #25	Detected	5515.0MHz, -63.0dBm
Trial #26	Detected	5510.0MHz, -63.0dBm
Trial #27	Detected	5505.0MHz, -63.0dBm
Trial #28	Detected	5500.0MHz, -63.0dBm
Trial #29	Detected	5520.0MHz, -63.0dBm
Trial #30	Detected	5515.0MHz, -63.0dBm

Table 93 - Long Sequence Waveform Trial#1 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.0	9	1330.0	1102.0	0.478684
2	2	83.7	8	1110.0	-	0.936475
3	3	91.0	8	1386.0	1152.0	1.627328
4	3	73.7	8	1878.0	1957.0	2.399178
5	2	76.6	8	1400.0	-	2.936319
6	2	98.7	9	1319.0	-	3.862990
7	3	66.5	8	1678.0	1125.0	4.293195
8	1	95.3	5	-	-	5.155624
9	3	88.8	12	1327.0	1499.0	5.848857
10	1	66.8	20	-	-	6.827622
11	1	88.1	8	-	-	7.707540
12	3	79.6	14	1849.0	1046.0	7.790694
13	1	65.1	11	-	-	9.152759
14	1	96.3	8	-	-	9.785274
15	3	53.2	9	1535.0	1134.0	10.325839
16	3	92.1	19	1896.0	1565.0	10.724086
17	2	88.7	15	1727.0	-	11.930982

Table 94 - Long Sequence Waveform Trial#2 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	82.1	10	-	-	0.396755
2	2	77.9	20	1218.0	-	1.460138
3	2	79.2	16	1248.0	-	1.693709
4	2	54.3	13	1169.0	-	2.551697
5	1	63.6	18	-	-	3.269972
6	2	61.9	18	1268.0	-	4.133875
7	2	95.7	15	1061.0	-	5.205717
8	2	71.8	11	1583.0	-	5.386378
9	2	80.8	16	1508.0	-	6.173840
10	2	50.4	18	1480.0	-	6.844001
11	2	91.0	20	1574.0	-	8.245289
12	1	91.1	13	-	-	8.374078
13	3	55.2	17	1175.0	1123.0	9.646791
14	1	54.1	15	-	-	10.127484
15	3	75.7	12	1303.0	1379.0	10.793041
16	1	66.3	11	-	-	11.653144

Table 95 - Long Sequence Waveform Trial#3 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	51.3	6	1114.0	-	0.374278
2	2	70.4	8	1181.0	-	0.905534
3	2	99.6	7	1274.0	-	1.452032
4	1	56.0	16	-	-	1.913920
5	2	91.4	12	1932.0	-	3.061293
6	2	96.8	13	1881.0	-	3.347448
7	2	81.3	15	1807.0	-	4.295636
8	1	60.3	8	-	-	4.809480
9	3	95.7	7	1888.0	1121.0	5.512836
10	2	74.3	20	1448.0	-	6.264432
11	2	79.9	7	1218.0	-	6.647519
12	2	85.4	14	1740.0	-	6.955465
13	1	89.9	13	-	-	7.984996
14	2	61.9	7	1708.0	-	8.349692
15	1	92.2	13	-	-	9.072290
16	2	54.8	15	1036.0	-	9.955142
17	3	61.4	9	1357.0	1340.0	10.193510
18	2	66.6	12	1157.0	-	11.007939
19	2	91.7	19	1577.0	-	11.669292

Table 96 - Long Sequence Waveform Trial#4 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	73.5	11	-	-	0.130102
2	2	92.9	12	1477.0	-	1.069840
3	2	83.5	7	1776.0	-	1.843604
4	2	54.1	20	1288.0	-	3.141368
5	2	83.9	10	1839.0	-	3.887465
6	3	96.5	9	1331.0	1840.0	4.761898
7	2	81.0	6	1849.0	-	5.803476
8	2	92.3	18	1921.0	-	6.781678
9	2	81.6	12	1487.0	-	7.299236
10	3	54.5	11	1567.0	1414.0	8.528132
11	2	59.8	7	1265.0	-	8.697517
12	3	75.3	15	1697.0	1483.0	10.125741
13	2	53.1	6	1787.0	-	10.511535
14	1	54.0	16	-	-	11.944564

Table 97 - Long Sequence Waveform Trial#5 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.3	10	1780.0	-	0.405587
2	2	58.6	10	1377.0	-	1.638061
3	1	91.5	19	-	-	2.052755
4	2	55.7	9	1056.0	-	3.910408
5	1	94.1	9	-	-	4.329657
6	2	64.8	15	1762.0	-	5.123512
7	2	55.8	9	1235.0	-	6.370627
8	3	72.1	5	1813.0	1212.0	7.915700
9	1	83.3	14	-	-	8.380651
10	3	71.8	11	1201.0	1461.0	9.270768
11	2	95.0	11	1605.0	-	10.662106
12	1	81.3	12	-	-	11.220938

Table 98 - Long Sequence Waveform Trial#6 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.9	18	1427.0	-	0.567871
2	2	64.3	14	1269.0	-	1.254372
3	2	82.6	13	1671.0	-	2.204145
4	1	67.7	7	-	-	2.979280
5	2	93.9	17	1286.0	-	4.555959
6	1	96.0	6	-	-	4.696463
7	2	75.2	19	1683.0	-	5.840195
8	1	71.6	16	-	-	6.818779
9	2	61.8	11	1642.0	-	7.451262
10	1	96.1	12	-	-	9.230660
11	3	52.6	12	1116.0	1432.0	9.408706
12	1	99.8	13	-	-	10.355769
13	2	59.5	7	1458.0	-	11.731279

Table 99 - Long Sequence Waveform Trial#7 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.7	10	-	-	0.780690
2	1	64.1	6	-	-	2.053378
3	2	55.8	14	1066.0	-	3.017773
4	2	87.9	6	1714.0	-	3.871933
5	2	54.1	18	1441.0	-	5.067064
6	2	62.3	6	1271.0	-	6.530210
7	1	54.0	13	-	-	6.632567
8	2	82.4	16	1133.0	-	7.688932
9	1	55.3	8	-	-	9.655525
10	2	90.5	13	1433.0	-	10.418272
11	2	92.1	7	1871.0	-	11.373727

Table 100 - Long Sequence Waveform Trial#8 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	89.7	8	-	-	0.240585
2	2	78.8	10	1306.0	-	0.797154
3	2	79.7	19	1261.0	-	1.848317
4	1	92.7	18	-	-	2.116476
5	3	52.1	15	1760.0	1177.0	2.865020
6	3	58.8	10	1289.0	1061.0	3.516464
7	2	78.5	15	1426.0	-	4.145883
8	2	78.6	14	1241.0	-	5.306364
9	1	52.2	5	-	-	5.649216
10	1	97.7	7	-	-	6.081610
11	2	60.0	16	1232.0	-	6.777989
12	3	65.0	12	1785.0	1882.0	7.644129
13	1	94.1	18	-	-	8.018118
14	1	98.2	17	-	-	8.958013
15	2	89.8	10	1084.0	-	9.986124
16	2	56.0	11	1232.0	-	10.621232
17	3	71.6	11	1823.0	1111.0	11.169944
18	2	76.4	6	1935.0	-	11.843745

Table 101 - Long Sequence Waveform Trial#9 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.2	17	1025.0	-	0.375009
2	2	89.0	11	1508.0	-	0.877375
3	1	59.6	20	-	-	1.412545
4	2	62.3	19	1228.0	-	2.229192
5	3	53.3	18	1773.0	1666.0	2.882571
6	2	81.8	18	1615.0	-	3.647287
7	1	91.5	15	-	-	4.479085
8	1	81.5	19	-	-	4.931994
9	2	96.8	16	1579.0	-	5.909949
10	2	65.3	16	1079.0	-	6.212332
11	2	92.2	12	1038.0	-	7.041420
12	2	68.2	13	1772.0	-	7.650337
13	2	73.4	18	1466.0	-	8.594752
14	1	72.9	12	-	-	8.810777
15	1	62.2	6	-	-	9.886019
16	3	71.5	15	1695.0	1106.0	10.175612
17	1	63.8	16	-	-	10.980052
18	2	98.1	19	1301.0	-	11.392773

Table 102 - Long Sequence Waveform Trial#10 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	54.1	6	-	-	0.538470
2	3	76.1	10	1182.0	1888.0	1.180859
3	3	94.5	20	1930.0	1061.0	1.738584
4	1	78.2	14	-	-	2.368300
5	3	63.3	13	1576.0	1645.0	3.397113
6	3	97.8	17	1837.0	1529.0	4.368099
7	2	65.2	13	1079.0	-	4.876102
8	2	65.8	15	1613.0	-	5.510205
9	2	85.2	14	1239.0	-	6.599797
10	1	96.9	9	-	-	7.190573
11	1	72.7	11	-	-	8.067821
12	3	66.7	7	1987.0	1178.0	8.513053
13	2	71.7	12	1637.0	-	9.031644
14	1	61.1	5	-	-	10.361644
15	1	94.8	8	-	-	11.168105
16	3	77.7	12	1387.0	1867.0	11.856630

Table 103 - Long Sequence Waveform Trial#11 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	66.5	10	-	-	0.466712
2	1	83.1	15	-	-	2.093077
3	1	72.9	8	-	-	3.950536
4	2	57.2	10	1893.0	-	4.474258
5	3	80.6	18	1398.0	1029.0	6.612714
6	2	56.8	9	1172.0	-	7.871960
7	2	77.4	15	1419.0	-	9.291859
8	2	60.9	14	1044.0	-	10.212599
9	1	75.5	17	-	-	11.074208

Table 104 - Long Sequence Waveform Trial#12 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	94.1	15	1840.0	-	0.107874
2	1	68.0	5	-	-	1.321953
3	2	79.4	14	1283.0	-	2.386802
4	1	60.4	8	-	-	2.901283
5	2	75.9	18	1562.0	-	4.389428
6	3	86.4	8	1535.0	1562.0	5.338187
7	3	88.0	17	1110.0	1310.0	5.687639
8	1	59.1	14	-	-	6.615428
9	2	59.6	7	1896.0	-	8.172735
10	2	72.5	9	1910.0	-	8.613042
11	1	50.3	18	-	-	9.525318
12	1	71.3	19	-	-	10.980851
13	2	60.1	18	1881.0	-	11.726301

Table 105 - Long Sequence Waveform Trial#13 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.3	12	1763.0	-	0.772873
2	3	85.8	15	1675.0	1026.0	1.398403
3	2	82.9	9	1083.0	-	1.952886
4	2	87.8	14	1796.0	-	3.244684
5	3	51.9	8	1029.0	1002.0	3.936227
6	1	94.8	20	-	-	5.010316
7	2	74.6	16	1175.0	-	5.264703
8	3	67.0	7	1597.0	1646.0	6.099119
9	1	76.3	18	-	-	7.590510
10	1	64.8	15	-	-	8.501002
11	1	99.7	17	-	-	8.671335
12	1	66.1	19	-	-	10.274263
13	3	76.0	18	1905.0	1938.0	10.891117
14	1	82.0	10	-	-	11.908402

Table 106 - Long Sequence Waveform Trial#14 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	82.6	6	-	-	0.700056
2	2	65.6	15	1607.0	-	0.910453
3	2	64.7	17	1511.0	-	2.128159
4	3	51.2	14	1370.0	1375.0	2.728415
5	2	52.5	9	1613.0	-	3.815868
6	2	89.1	19	1919.0	-	4.737188
7	1	55.1	11	-	-	5.126429
8	1	77.6	9	-	-	6.049305
9	3	58.8	9	1768.0	1687.0	6.525338
10	3	86.3	10	1579.0	1001.0	7.378087
11	2	83.9	9	1080.0	-	8.259378
12	1	69.3	10	-	-	8.973118
13	2	89.5	11	1348.0	-	10.147290
14	2	70.8	14	1603.0	-	10.453923
15	2	83.0	9	1492.0	-	11.763608

Table 107 - Long Sequence Waveform Trial#15 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.5	13	1992.0	-	0.218855
2	1	93.9	17	-	-	0.689853
3	1	98.7	11	-	-	1.474861
4	3	96.4	11	1177.0	1628.0	2.267426
5	3	68.4	5	1942.0	1843.0	2.879139
6	1	50.6	12	-	-	3.289305
7	1	95.8	13	-	-	4.149570
8	3	72.7	12	1162.0	1780.0	5.012369
9	2	90.8	19	1231.0	-	5.359570
10	2	81.7	9	1765.0	-	5.815966
11	2	74.8	10	1377.0	-	6.492297
12	2	57.2	9	1435.0	-	7.484010
13	2	54.1	8	1897.0	-	8.125516
14	2	57.6	6	1782.0	-	8.342694
15	2	76.7	17	1390.0	-	9.365533
16	2	59.3	8	1781.0	-	9.762672
17	2	68.4	12	1287.0	-	10.585536
18	1	73.8	8	-	-	11.084410
19	2	50.4	15	1856.0	-	11.948466

Table 108 - Long Sequence Waveform Trial#16 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	96.2	11	-	-	1.086875
2	1	63.8	7	-	-	1.589974
3	1	51.0	13	-	-	3.328697
4	2	51.4	15	1785.0	-	4.762679
5	2	91.5	15	1405.0	-	6.552542
6	1	86.2	11	-	-	7.898032
7	2	80.0	11	1602.0	-	8.245153
8	1	76.2	8	-	-	10.390744
9	2	84.8	6	1843.0	-	11.129379

Table 109 - Long Sequence Waveform Trial#17 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	63.4	9	1612.0	1068.0	0.099181
2	2	78.1	15	1635.0	-	1.093118
3	3	64.3	14	1132.0	1472.0	1.491706
4	2	84.9	19	1685.0	-	1.827012
5	2	56.7	14	1401.0	-	2.414479
6	3	79.5	20	1496.0	1616.0	3.360357
7	1	61.8	16	-	-	4.180033
8	1	70.8	11	-	-	4.300823
9	3	83.6	19	1131.0	1866.0	5.246690
10	2	89.5	19	1997.0	-	5.644489
11	2	67.0	12	1718.0	-	6.095941
12	2	71.0	18	1264.0	-	7.050069
13	2	94.8	9	1748.0	-	7.468395
14	3	88.0	17	1910.0	1377.0	7.902172
15	2	63.2	7	1319.0	-	8.890327
16	1	58.2	11	-	-	9.249065
17	3	86.1	16	1574.0	1574.0	9.997384
18	1	56.9	6	-	-	10.250051
19	2	54.2	19	1550.0	-	11.343229
20	1	67.3	12	-	-	11.435369

Table 110 - Long Sequence Waveform Trial#18 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	71.5	7	1474.0	1900.0	0.738282
2	1	91.8	17	-	-	1.520705
3	2	72.5	15	1634.0	-	1.834753
4	1	85.1	18	-	-	2.756745
5	1	58.3	9	-	-	3.252893
6	2	91.5	8	1757.0	-	4.089702
7	2	83.3	9	1473.0	-	5.345785
8	2	71.2	9	1592.0	-	6.167398
9	3	57.8	12	1689.0	1546.0	6.845254
10	2	80.3	20	1170.0	-	7.638788
11	2	98.9	7	1422.0	-	8.397427
12	2	56.1	6	1296.0	-	8.828165
13	1	83.1	10	-	-	9.850741
14	2	99.8	10	1040.0	-	10.547216
15	3	83.8	19	1124.0	1163.0	11.971436

Table 111 - Long Sequence Waveform Trial#19 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	80.2	8	-	-	0.034583
2	2	95.5	12	1514.0	-	0.767083
3	2	80.3	17	1917.0	-	1.751617
4	2	91.0	9	1989.0	-	2.271556
5	3	54.9	10	1720.0	1782.0	2.893520
6	2	69.9	12	1704.0	-	3.209364
7	2	97.1	12	1515.0	-	4.296755
8	2	52.8	17	1502.0	-	4.579600
9	1	84.9	11	-	-	5.444637
10	2	54.2	9	1200.0	-	6.112911
11	2	90.9	18	1427.0	-	6.904756
12	1	99.9	7	-	-	6.993857
13	2	54.9	16	1396.0	-	7.785066
14	3	66.0	19	1124.0	1237.0	8.716107
15	2	94.3	16	1383.0	-	9.202793
16	1	96.5	7	-	-	9.513949
17	3	96.4	16	1896.0	1824.0	10.280879
18	2	59.2	7	1511.0	-	11.054088
19	2	61.8	13	1956.0	-	11.611482

Table 112 - Long Sequence Waveform Trial#20 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.1	6	1974.0	-	0.811261
2	2	57.2	19	1392.0	-	1.034994
3	3	64.7	10	1091.0	1724.0	2.576342
4	2	58.2	10	1897.0	-	3.171330
5	2	91.1	8	1642.0	-	4.408446
6	2	59.0	12	1812.0	-	4.714774
7	2	80.5	15	1982.0	-	6.072909
8	3	69.6	6	1353.0	1115.0	7.115791
9	2	60.8	13	1534.0	-	7.481556
10	2	56.8	10	1128.0	-	8.653562
11	2	61.1	11	1678.0	-	9.677091
12	1	78.7	17	-	-	10.159973
13	2	63.4	7	1681.0	-	11.275616

Table 113 - Long Sequence Waveform Trial#21 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.6	16	1297.0	-	0.171076
2	2	92.0	17	1424.0	-	1.453586
3	2	95.1	13	1541.0	-	3.813037
4	2	80.4	14	1870.0	-	4.370957
5	2	99.1	16	1836.0	-	5.371575
6	2	77.9	19	1070.0	-	7.118230
7	2	71.7	8	1639.0	-	8.579563
8	1	97.5	11	-	-	9.566730
9	2	64.9	8	1637.0	-	11.418691

Table 114 - Long Sequence Waveform Trial#22 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	83.8	10	1262.0	-	0.131348
2	1	96.8	10	-	-	1.836957
3	3	64.8	10	1562.0	1007.0	3.354746
4	3	93.4	11	1551.0	1093.0	4.302155
5	1	61.7	9	-	-	5.150197
6	2	98.7	18	1387.0	-	6.238992
7	1	96.9	12	-	-	7.989228
8	2	63.1	13	1629.0	-	8.578242
9	3	76.1	19	1867.0	1350.0	9.776500
10	3	75.5	9	1385.0	1477.0	11.132942

Table 115 - Long Sequence Waveform Trial#23 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	54.8	10	1836.0	1353.0	0.178101
2	2	65.4	7	1803.0	-	0.885099
3	2	84.1	9	1645.0	-	1.907736
4	1	73.7	10	-	-	2.955912
5	2	79.2	20	1767.0	-	3.224267
6	1	59.5	18	-	-	4.491618
7	1	97.0	18	-	-	4.517642
8	1	50.7	7	-	-	5.643229
9	1	88.3	16	-	-	6.506843
10	2	56.3	18	1642.0	-	6.981618
11	1	75.7	15	-	-	8.014105
12	2	81.9	13	1928.0	-	8.500585
13	2	56.6	7	1991.0	-	9.361221
14	1	89.7	9	-	-	10.212875
15	3	66.3	17	1538.0	1256.0	11.126806
16	3	62.4	18	1052.0	1986.0	11.683902

Table 116 - Long Sequence Waveform Trial#24 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.3	5	1853.0	-	0.857069
2	1	57.9	8	-	-	1.609144
3	3	73.8	7	1923.0	1333.0	2.221898
4	3	73.9	10	1758.0	1862.0	3.139182
5	1	59.8	17	-	-	4.361854
6	2	79.0	8	1826.0	-	5.185598
7	1	66.4	15	-	-	5.983595
8	1	95.7	20	-	-	7.142207
9	3	81.3	9	1558.0	1702.0	7.459920
10	1	52.6	7	-	-	8.557010
11	3	62.5	17	1488.0	1805.0	9.852628
12	2	85.3	19	1901.0	-	10.999694
13	2	76.8	15	1322.0	-	11.251533

Table 117 - Long Sequence Waveform Trial#25 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.6	7	1086.0	-	0.247174
2	2	97.6	9	1607.0	-	2.146241
3	2	90.5	10	1216.0	-	3.393403
4	1	55.2	19	-	-	5.138496
5	2	54.0	10	1353.0	-	5.827393
6	1	71.5	6	-	-	7.768436
7	1	71.8	7	-	-	8.391349
8	2	73.0	14	1604.0	-	10.138106
9	2	99.9	19	1963.0	-	11.060341

Table 118 - Long Sequence Waveform Trial#26 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	70.9	7	-	-	0.110949
2	3	53.7	12	1609.0	1051.0	0.876590
3	3	51.8	18	1707.0	1162.0	1.497167
4	1	51.0	10	-	-	1.928254
5	2	71.6	9	1235.0	-	2.969772
6	2	90.0	19	1572.0	-	3.039237
7	2	95.2	7	1815.0	-	3.763235
8	2	91.6	11	1704.0	-	4.542250
9	2	67.5	19	1766.0	-	5.259710
10	1	86.2	12	-	-	5.613842
11	2	93.9	8	1322.0	-	6.055761
12	1	82.6	15	-	-	6.773461
13	3	83.3	14	1250.0	1190.0	7.769336
14	2	62.4	15	1360.0	-	8.279780
15	2	97.9	15	1289.0	-	8.974544
16	1	91.6	15	-	-	9.444899
17	1	64.9	20	-	-	9.638191
18	1	95.8	12	-	-	10.477919
19	2	93.7	15	1416.0	-	10.986944
20	2	66.2	12	1848.0	-	11.923227

Table 119 - Long Sequence Waveform Trial#27 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.4	13	1694.0	-	0.514479
2	1	86.2	14	-	-	0.889631
3	3	89.9	16	1287.0	1445.0	1.570731
4	1	80.0	14	-	-	2.778436
5	3	75.8	8	1465.0	1512.0	3.700309
6	1	83.6	19	-	-	4.186308
7	2	78.6	14	1853.0	-	4.720323
8	2	78.6	5	1313.0	-	5.287244
9	2	96.3	18	1538.0	-	6.368524
10	2	88.2	20	1059.0	-	7.253133
11	1	54.4	12	-	-	8.067102
12	2	59.5	9	1279.0	-	8.900513
13	1	67.8	13	-	-	9.153545
14	2	83.7	18	1660.0	-	10.288798
15	3	81.0	6	1074.0	1775.0	11.126007
16	2	91.4	13	1404.0	-	11.528819

Table 120 - Long Sequence Waveform Trial#28 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	60.3	18	1254.0	1047.0	0.330910
2	1	91.9	9	-	-	1.540847
3	2	91.9	16	1686.0	-	2.229806
4	2	98.1	15	1600.0	-	2.533468
5	2	79.1	18	1730.0	-	3.260330
6	1	71.5	7	-	-	4.105928
7	3	71.7	9	1208.0	1218.0	5.370244
8	3	66.6	6	1352.0	1683.0	5.915604
9	1	91.0	5	-	-	6.438929
10	3	87.4	17	1445.0	1612.0	7.626096
11	2	87.4	5	1407.0	-	8.506245
12	1	82.6	11	-	-	9.386194
13	2	57.7	12	1766.0	-	10.186626
14	2	77.5	19	1674.0	-	10.813930
15	2	51.9	7	1542.0	-	11.691060

Table 121 - Long Sequence Waveform Trial#29 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	72.3	17	1446.0	-	0.802223
2	1	50.8	5	-	-	2.199354
3	2	81.9	8	1011.0	-	2.797750
4	2	96.7	11	1312.0	-	4.264298
5	2	77.4	7	1253.0	-	5.053371
6	2	84.9	8	1647.0	-	6.607546
7	3	64.9	18	1244.0	1651.0	7.627481
8	1	81.4	16	-	-	8.596635
9	2	68.1	13	1169.0	-	10.289595
10	3	94.9	10	1812.0	1478.0	11.806501

Table 122 - Long Sequence Waveform Trial#30 (Detected) 40MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.3	17	1645.0	-	0.302556
2	2	53.0	16	1012.0	-	1.175862
3	2	69.5	16	1871.0	-	1.774843
4	2	88.5	20	1861.0	-	2.802493
5	2	85.6	14	1365.0	-	3.237044
6	1	79.3	18	-	-	3.609619
7	2	64.6	6	1651.0	-	4.477762
8	1	70.7	16	-	-	5.618932
9	3	93.3	10	1646.0	1347.0	5.747182
10	2	64.2	7	1986.0	-	6.920300
11	2	57.7	11	1649.0	-	7.603947
12	2	93.0	13	1640.0	-	7.842013
13	2	68.5	6	1903.0	-	9.162067
14	2	75.1	14	1015.0	-	9.773370
15	3	65.9	12	1622.0	1395.0	10.413355
16	1	66.8	10	-	-	11.105278
17	1	81.0	8	-	-	11.623083

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5525.0MHz, -63.0dBm	Hop sequence: 5693, 5443, 5462, 5371, 5276, 5338, 5397, 5451, 5318, 5668, 5282, 5401, 5548, 5258, 5256, 5501, 5290, 5569, 5301, 5343, 5367, 5478, 5614, 5302, 5259, 5485, 5522, 5441, 5559, 5300, 5626, 5666, 5602, 5286, 5546, 5326, 5701, 5713, 5676, 5267, 5405, 5327, 5670, 5335, 5662, 5352, 5423, 5606, 5649, 5342, 5598, 5549, 5255, 5574, 5420, 5691, 5579, 5630, 5708, 5278, 5277, 5453, 5446, 5576, 5520, 5304, 5499, 5683, 5627, 5506, 5370, 5498, 5470, 5328, 5281, 5659, 5400, 5538, 5480, 5369, 5474, 5639, 5568, 5253, 5582, 5607, 5673, 5507, 5373, 5535, 5444, 5487, 5321, 5357, 5416, 5527, 5658, 5517, 5653, 5583 (8 hits) (10/28/2013 08:12:57 PM)
2	9	1.0	333.0	Yes	5526.0MHz, -63.0dBm	Hop sequence: 5548, 5604, 5666, 5590, 5722, 5631, 5696, 5476, 5596, 5576, 5440, 5357, 5614, 5493, 5725, 5326, 5366, 5431, 5480, 5458, 5561, 5539, 5266, 5412, 5425, 5564, 5608, 5421, 5504, 5669, 5267, 5283, 5532, 5468, 5424, 5478, 5607, 5364, 5439, 5290, 5517, 5250, 5371, 5638, 5340, 5295, 5526, 5510, 5464, 5287, 5269, 5317, 5521, 5397, 5400, 5341, 5553, 5437, 5446, 5605, 5667, 5671, 5635, 5313, 5405, 5682, 5475, 5572, 5535, 5487, 5346, 5252, 5378, 5350, 5542, 5546, 5588, 5606, 5675, 5700, 5603, 5417, 5492, 5462, 5697, 5555, 5474, 5284, 5650, 5512, 5481, 5470, 5380, 5299, 5699, 5494, 5528, 5258, 5573, 5495 (9 hits) (10/28/2013 08:13:12 PM)
3	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5353, 5708, 5664, 5649, 5294, 5691, 5689, 5343, 5329, 5361, 5466, 5268, 5459, 5647, 5539, 5551, 5438, 5288, 5302, 5572, 5620, 5544, 5671, 5529, 5638, 5285, 5345, 5276, 5368, 5293, 5604, 5479, 5571, 5443, 5646, 5321, 5460, 5292, 5699, 5272, 5431, 5396, 5450, 5625, 5284, 5534, 5570, 5722,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5601, 5415, 5661, 5432, 5286, 5414, 5553, 5259, 5281, 5263, 5287, 5568, 5681, 5506, 5410, 5408, 5650, 5470, 5683, 5581, 5446, 5417, 5623, 5613, 5363, 5597, 5373, 5662, 5512, 5405, 5496, 5391, 5655, 5330, 5530, 5640, 5365, 5325, 5705, 5522, 5526, 5540, 5660, 5706, 5648, 5331, 5557, 5685, 5349, 5637, 5702, 5606 (5 hits) (10/28/2013 08:13:43 PM)
4	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5655, 5462, 5710, 5452, 5468, 5328, 5503, 5279, 5309, 5399, 5679, 5545, 5694, 5252, 5303, 5704, 5610, 5602, 5371, 5253, 5409, 5306, 5332, 5689, 5458, 5478, 5353, 5640, 5333, 5529, 5643, 5497, 5277, 5432, 5262, 5675, 5288, 5479, 5466, 5620, 5692, 5622, 5721, 5259, 5417, 5512, 5483, 5533, 5416, 5532, 5312, 5580, 5455, 5387, 5537, 5287, 5386, 5450, 5588, 5265, 5460, 5419, 5283, 5635, 5578, 5687, 5554, 5415, 5570, 5393, 5296, 5549, 5341, 5441, 5653, 5266, 5522, 5412, 5577, 5311, 5453, 5473, 5524, 5370, 5486, 5564, 5499, 5636, 5656, 5335, 5592, 5492, 5291, 5617, 5659, 5541, 5407, 5336, 5691, 5299 (6 hits) (10/28/2013 08:14:00 PM)
5	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5457, 5482, 5625, 5261, 5541, 5401, 5621, 5604, 5259, 5499, 5280, 5421, 5468, 5714, 5626, 5498, 5511, 5472, 5649, 5592, 5408, 5358, 5461, 5381, 5266, 5402, 5579, 5551, 5388, 5314, 5576, 5634, 5509, 5542, 5297, 5371, 5718, 5653, 5506, 5430, 5630, 5713, 5620, 5573, 5365, 5369, 5442, 5629, 5546, 5395, 5313, 5286, 5580, 5382, 5678, 5257, 5364, 5349, 5337, 5679, 5362, 5323, 5289, 5311, 5493, 5296, 5471, 5637, 5631, 5664, 5346, 5312, 5639, 5414, 5379, 5636, 5721, 5673, 5659, 5686, 5378, 5345, 5586, 5432, 5399, 5328, 5294, 5569, 5444, 5484, 5324, 5571, 5703, 5439, 5657, 5537, 5335, 5347, 5533, 5256 (6 hits) (10/28/2013

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:14:30 PM)
6	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5517, 5384, 5640, 5547, 5473, 5477, 5674, 5632, 5507, 5662, 5541, 5686, 5571, 5398, 5325, 5470, 5456, 5332, 5690, 5696, 5612, 5395, 5566, 5516, 5614, 5264, 5453, 5441, 5555, 5620, 5513, 5277, 5509, 5363, 5486, 5723, 5414, 5286, 5454, 5295, 5320, 5448, 5660, 5611, 5586, 5546, 5426, 5641, 5616, 5573, 5522, 5505, 5627, 5675, 5335, 5692, 5698, 5355, 5328, 5331, 5385, 5265, 5511, 5464, 5483, 5576, 5366, 5524, 5285, 5323, 5716, 5282, 5306, 5289, 5693, 5435, 5429, 5568, 5495, 5704, 5373, 5346, 5455, 5430, 5651, 5437, 5521, 5528, 5388, 5324, 5283, 5472, 5396, 5598, 5656, 5721, 5254, 5342, 5432, 5500 (12 hits) (10/28/2013 08:14:48 PM)
7	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5579, 5318, 5723, 5548, 5584, 5354, 5469, 5544, 5441, 5381, 5629, 5293, 5368, 5289, 5682, 5565, 5372, 5535, 5649, 5267, 5503, 5417, 5466, 5427, 5287, 5258, 5429, 5461, 5706, 5292, 5402, 5663, 5618, 5423, 5679, 5359, 5549, 5578, 5453, 5460, 5500, 5492, 5300, 5511, 5497, 5422, 5587, 5263, 5718, 5534, 5413, 5537, 5559, 5274, 5465, 5667, 5648, 5444, 5543, 5528, 5610, 5489, 5589, 5634, 5252, 5340, 5485, 5542, 5432, 5614, 5261, 5366, 5574, 5342, 5362, 5704, 5572, 5512, 5387, 5326, 5664, 5493, 5643, 5571, 5435, 5364, 5623, 5481, 5675, 5635, 5568, 5308, 5721, 5710, 5636, 5646, 5275, 5697, 5588, 5379 (6 hits) (10/28/2013 08:15:01 PM)
8	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5471, 5563, 5290, 5561, 5428, 5583, 5542, 5656, 5400, 5565, 5483, 5257, 5646, 5670, 5641, 5261, 5421, 5639, 5388, 5293, 5502, 5698, 5549, 5510, 5378, 5299, 5512, 5250, 5453, 5495, 5506, 5679, 5291, 5661, 5496, 5325, 5708, 5706, 5277, 5278, 5312, 5704, 5490, 5605, 5611, 5566, 5697, 5567,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5723, 5296, 5487, 5552, 5331, 5593, 5286, 5258, 5461, 5579, 5351, 5425, 5693, 5434, 5488, 5650, 5603, 5515, 5621, 5295, 5678, 5615, 5535, 5475, 5319, 5334, 5454, 5608, 5349, 5340, 5524, 5407, 5696, 5437, 5298, 5297, 5409, 5601, 5677, 5592, 5429, 5332, 5682, 5674, 5507, 5418, 5256, 5344, 5594, 5402, 5272, 5527 (9 hits) (10/28/2013 08:15:13 PM)
9	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5372, 5712, 5403, 5495, 5691, 5337, 5506, 5279, 5399, 5640, 5357, 5268, 5289, 5341, 5628, 5293, 5308, 5304, 5380, 5700, 5443, 5582, 5451, 5662, 5447, 5680, 5464, 5577, 5637, 5603, 5485, 5368, 5420, 5433, 5369, 5419, 5396, 5689, 5681, 5560, 5439, 5630, 5709, 5276, 5445, 5561, 5613, 5442, 5690, 5477, 5307, 5668, 5436, 5409, 5665, 5327, 5566, 5408, 5444, 5517, 5386, 5498, 5538, 5475, 5387, 5544, 5534, 5373, 5656, 5705, 5314, 5493, 5564, 5572, 5466, 5520, 5452, 5311, 5587, 5312, 5649, 5589, 5526, 5513, 5548, 5481, 5258, 5606, 5653, 5723, 5609, 5486, 5508, 5461, 5298, 5417, 5260, 5511, 5299, 5435 (10 hits) (10/28/2013 08:15:25 PM)
10	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5570, 5350, 5452, 5476, 5627, 5341, 5725, 5593, 5497, 5674, 5685, 5494, 5716, 5700, 5415, 5524, 5418, 5424, 5449, 5723, 5515, 5492, 5262, 5649, 5450, 5596, 5701, 5419, 5431, 5639, 5443, 5346, 5374, 5465, 5464, 5576, 5479, 5521, 5378, 5348, 5264, 5309, 5711, 5364, 5343, 5477, 5291, 5573, 5637, 5531, 5471, 5405, 5377, 5722, 5428, 5331, 5709, 5553, 5530, 5696, 5507, 5684, 5426, 5313, 5316, 5463, 5535, 5499, 5508, 5459, 5615, 5532, 5594, 5332, 5266, 5456, 5513, 5541, 5588, 5259, 5577, 5581, 5556, 5252, 5302, 5421, 5373, 5503, 5286, 5666, 5285, 5586, 5675, 5392, 5272, 5579, 5695, 5641, 5305, 5268 (10 hits) (10/28/2013

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:15:38 PM)
11	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5636, 5507, 5618, 5321, 5290, 5649, 5681, 5706, 5431, 5492, 5458, 5454, 5412, 5574, 5331, 5675, 5548, 5337, 5711, 5702, 5384, 5324, 5319, 5462, 5257, 5374, 5455, 5505, 5538, 5673, 5326, 5463, 5402, 5355, 5292, 5253, 5440, 5415, 5576, 5275, 5613, 5606, 5688, 5596, 5608, 5264, 5345, 5468, 5605, 5677, 5531, 5385, 5542, 5477, 5699, 5441, 5654, 5422, 5446, 5389, 5614, 5549, 5580, 5558, 5672, 5465, 5534, 5623, 5456, 5400, 5312, 5281, 5717, 5277, 5354, 5615, 5487, 5486, 5479, 5381, 5657, 5521, 5428, 5546, 5270, 5493, 5271, 5459, 5267, 5524, 5704, 5684, 5262, 5429, 5620, 5621, 5423, 5512, 5597, 5553 (6 hits) (10/28/2013 08:16:29 PM)
12	9	1.0	333.0	No	5502.0MHz, -63.0dBm	Hop sequence: 5661, 5387, 5679, 5633, 5346, 5542, 5532, 5304, 5302, 5333, 5481, 5611, 5563, 5677, 5632, 5287, 5523, 5638, 5585, 5574, 5443, 5598, 5681, 5380, 5528, 5437, 5395, 5538, 5484, 5663, 5479, 5597, 5364, 5568, 5337, 5264, 5407, 5558, 5284, 5697, 5503, 5405, 5705, 5726, 5618, 5294, 5550, 5714, 5452, 5441, 5717, 5303, 5258, 5356, 5610, 5712, 5316, 5591, 5624, 5456, 5685, 5578, 5301, 5643, 5366, 5475, 5640, 5297, 5436, 5392, 5667, 5596, 5355, 5447, 5281, 5581, 5541, 5257, 5423, 5606, 5533, 5315, 5379, 5348, 5689, 5608, 5267, 5410, 5675, 5272, 5335, 5657, 5622, 5653, 5669, 5553, 5412, 5260, 5282, 5570 (2 hits) (10/28/2013 08:16:43 PM)
13	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5514, 5301, 5443, 5632, 5441, 5269, 5321, 5399, 5561, 5327, 5490, 5669, 5425, 5519, 5576, 5374, 5546, 5329, 5255, 5369, 5633, 5406, 5349, 5643, 5256, 5431, 5297, 5479, 5715, 5676, 5617, 5468, 5694, 5658, 5573, 5577, 5500, 5470, 5360, 5677, 5668, 5525, 5420, 5660, 5268, 5445, 5515, 5408,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5346, 5463, 5299, 5437, 5720, 5503, 5312, 5452, 5395, 5411, 5286, 5384, 5565, 5545, 5622, 5331, 5397, 5366, 5483, 5663, 5476, 5263, 5587, 5356, 5392, 5700, 5471, 5678, 5310, 5453, 5375, 5308, 5524, 5376, 5383, 5494, 5664, 5289, 5403, 5575, 5609, 5564, 5401, 5597, 5509, 5721, 5354, 5417, 5578, 5568, 5650, 5428 (9 hits) (10/28/2013 08:17:04 PM)
14	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5378, 5447, 5593, 5675, 5522, 5313, 5287, 5572, 5391, 5276, 5674, 5430, 5323, 5490, 5484, 5341, 5392, 5511, 5312, 5546, 5478, 5519, 5485, 5680, 5333, 5436, 5282, 5262, 5611, 5373, 5646, 5327, 5304, 5460, 5662, 5589, 5641, 5691, 5402, 5516, 5383, 5397, 5656, 5652, 5301, 5630, 5472, 5491, 5501, 5443, 5588, 5498, 5389, 5494, 5718, 5321, 5671, 5633, 5310, 5708, 5414, 5495, 5640, 5499, 5286, 5492, 5521, 5353, 5500, 5624, 5714, 5324, 5709, 5694, 5332, 5582, 5251, 5297, 5505, 5257, 5682, 5425, 5419, 5461, 5336, 5538, 5570, 5381, 5290, 5695, 5467, 5452, 5719, 5681, 5415, 5660, 5352, 5371, 5605, 5380 (12 hits) (10/28/2013 08:17:19 PM)
15	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5445, 5373, 5362, 5524, 5351, 5320, 5566, 5329, 5650, 5321, 5561, 5481, 5636, 5492, 5281, 5550, 5359, 5625, 5372, 5558, 5345, 5391, 5270, 5675, 5598, 5534, 5487, 5537, 5350, 5506, 5476, 5410, 5346, 5602, 5518, 5278, 5584, 5645, 5575, 5662, 5543, 5435, 5291, 5368, 5694, 5629, 5474, 5395, 5406, 5456, 5691, 5568, 5567, 5448, 5251, 5644, 5262, 5386, 5538, 5418, 5627, 5620, 5665, 5608, 5250, 5698, 5307, 5577, 5272, 5309, 5630, 5616, 5663, 5408, 5652, 5607, 5399, 5392, 5505, 5489, 5396, 5589, 5366, 5640, 5671, 5712, 5336, 5697, 5643, 5601, 5457, 5726, 5631, 5668, 5693, 5310, 5638, 5467, 5509, 5535 (5 hits) (10/28/2013

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:17:36 PM)
16	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5628, 5355, 5415, 5689, 5650, 5521, 5372, 5429, 5704, 5430, 5565, 5364, 5261, 5350, 5256, 5275, 5358, 5663, 5390, 5425, 5557, 5670, 5298, 5453, 5346, 5633, 5365, 5492, 5258, 5328, 5437, 5303, 5547, 5473, 5705, 5255, 5449, 5699, 5550, 5348, 5598, 5423, 5470, 5558, 5399, 5440, 5378, 5455, 5717, 5380, 5515, 5553, 5721, 5563, 5688, 5342, 5541, 5433, 5573, 5639, 5578, 5632, 5410, 5306, 5703, 5710, 5571, 5273, 5591, 5537, 5491, 5402, 5691, 5652, 5374, 5576, 5283, 5484, 5395, 5435, 5627, 5363, 5589, 5466, 5508, 5467, 5343, 5619, 5347, 5424, 5528, 5549, 5443, 5603, 5270, 5318, 5252, 5278, 5583, 5315 (3 hits) (10/28/2013 08:17:52 PM)
17	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5477, 5490, 5625, 5305, 5450, 5471, 5613, 5529, 5692, 5416, 5339, 5453, 5358, 5522, 5505, 5634, 5456, 5366, 5591, 5577, 5345, 5498, 5598, 5535, 5661, 5693, 5289, 5595, 5695, 5589, 5333, 5448, 5719, 5326, 5438, 5509, 5672, 5458, 5269, 5356, 5491, 5552, 5442, 5590, 5592, 5623, 5521, 5723, 5593, 5459, 5641, 5360, 5569, 5259, 5474, 5324, 5430, 5629, 5423, 5644, 5394, 5555, 5512, 5607, 5454, 5465, 5724, 5452, 5721, 5596, 5328, 5264, 5381, 5278, 5372, 5544, 5585, 5270, 5271, 5706, 5717, 5296, 5495, 5659, 5666, 5478, 5332, 5276, 5409, 5365, 5380, 5385, 5519, 5638, 5497, 5582, 5568, 5494, 5260, 5420 (10 hits) (10/28/2013 08:18:09 PM)
18	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5282, 5682, 5551, 5257, 5630, 5537, 5532, 5679, 5251, 5329, 5378, 5530, 5419, 5719, 5690, 5330, 5268, 5492, 5644, 5662, 5717, 5276, 5635, 5375, 5560, 5286, 5584, 5404, 5634, 5380, 5718, 5550, 5252, 5602, 5255, 5505, 5406, 5582, 5696, 5277, 5458, 5688, 5412, 5670, 5389, 5485, 5450, 5302,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5672, 5587, 5570, 5372, 5371, 5621, 5697, 5333, 5512, 5657, 5611, 5370, 5303, 5262, 5500, 5540, 5338, 5698, 5693, 5508, 5547, 5374, 5395, 5271, 5476, 5436, 5539, 5451, 5440, 5379, 5299, 5632, 5398, 5399, 5507, 5544, 5496, 5284, 5514, 5716, 5457, 5569, 5546, 5381, 5692, 5499, 5486, 5360, 5655, 5653, 5513, 5442 (9 hits) (10/28/2013 08:18:27 PM)
19	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5372, 5370, 5525, 5439, 5607, 5276, 5533, 5664, 5298, 5640, 5484, 5312, 5479, 5623, 5636, 5570, 5522, 5581, 5527, 5414, 5634, 5413, 5328, 5500, 5432, 5279, 5321, 5481, 5453, 5656, 5562, 5468, 5470, 5494, 5349, 5566, 5590, 5596, 5421, 5257, 5672, 5598, 5466, 5417, 5255, 5715, 5704, 5685, 5361, 5455, 5461, 5332, 5614, 5488, 5403, 5600, 5671, 5348, 5301, 5649, 5350, 5393, 5651, 5653, 5684, 5339, 5622, 5594, 5564, 5264, 5515, 5687, 5628, 5373, 5388, 5705, 5347, 5627, 5637, 5548, 5272, 5719, 5256, 5725, 5592, 5367, 5625, 5443, 5524, 5408, 5362, 5508, 5498, 5448, 5694, 5660, 5621, 5389, 5575, 5552 (8 hits) (10/28/2013 08:18:39 PM)
20	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5567, 5618, 5310, 5552, 5705, 5650, 5720, 5595, 5469, 5440, 5517, 5334, 5297, 5371, 5420, 5585, 5694, 5611, 5257, 5483, 5557, 5561, 5379, 5307, 5442, 5659, 5325, 5254, 5709, 5588, 5536, 5632, 5445, 5655, 5563, 5489, 5477, 5541, 5298, 5602, 5459, 5429, 5631, 5305, 5678, 5670, 5493, 5559, 5494, 5542, 5706, 5299, 5534, 5389, 5554, 5660, 5652, 5382, 5262, 5654, 5252, 5433, 5377, 5303, 5524, 5312, 5682, 5344, 5428, 5597, 5520, 5402, 5431, 5521, 5657, 5679, 5256, 5381, 5721, 5449, 5587, 5569, 5481, 5662, 5629, 5580, 5514, 5294, 5667, 5716, 5525, 5571, 5532, 5417, 5496, 5285, 5270, 5617, 5487, 5504 (10 hits) (10/28/2013

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:18:52 PM)
21	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5377, 5384, 5430, 5489, 5707, 5465, 5422, 5575, 5543, 5527, 5427, 5296, 5698, 5381, 5437, 5334, 5403, 5664, 5272, 5579, 5276, 5649, 5360, 5653, 5414, 5613, 5289, 5551, 5252, 5404, 5379, 5663, 5453, 5459, 5597, 5724, 5623, 5507, 5423, 5685, 5428, 5305, 5385, 5321, 5278, 5395, 5329, 5626, 5557, 5484, 5491, 5324, 5552, 5335, 5461, 5725, 5470, 5723, 5501, 5589, 5357, 5621, 5460, 5581, 5256, 5538, 5409, 5573, 5326, 5506, 5269, 5337, 5700, 5529, 5436, 5487, 5564, 5611, 5325, 5674, 5584, 5620, 5456, 5330, 5410, 5388, 5673, 5572, 5306, 5615, 5394, 5618, 5672, 5352, 5537, 5522, 5322, 5587, 5411, 5486 (4 hits) (10/28/2013 08:19:04 PM)
22	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5490, 5650, 5307, 5665, 5623, 5333, 5474, 5498, 5280, 5338, 5607, 5584, 5429, 5568, 5660, 5692, 5662, 5512, 5633, 5273, 5290, 5395, 5362, 5371, 5268, 5324, 5505, 5546, 5313, 5577, 5463, 5274, 5328, 5381, 5296, 5513, 5615, 5722, 5714, 5563, 5272, 5447, 5558, 5353, 5548, 5550, 5532, 5387, 5481, 5281, 5454, 5299, 5460, 5306, 5559, 5416, 5600, 5439, 5612, 5363, 5442, 5413, 5461, 5466, 5384, 5651, 5608, 5551, 5514, 5423, 5656, 5713, 5259, 5350, 5253, 5302, 5319, 5602, 5648, 5545, 5446, 5696, 5668, 5688, 5594, 5469, 5526, 5349, 5452, 5503, 5639, 5389, 5390, 5298, 5285, 5712, 5262, 5614, 5412, 5430 (7 hits) (10/28/2013 08:19:15 PM)
23	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5574, 5696, 5547, 5518, 5301, 5598, 5621, 5286, 5392, 5271, 5710, 5280, 5663, 5513, 5684, 5467, 5487, 5425, 5468, 5531, 5532, 5677, 5347, 5646, 5648, 5484, 5255, 5490, 5614, 5319, 5326, 5632, 5617, 5435, 5317, 5352, 5397, 5627, 5569, 5703, 5440, 5537, 5675, 5719, 5433, 5331, 5523, 5665,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5557, 5624, 5693, 5330, 5536, 5535, 5378, 5354, 5446, 5314, 5637, 5500, 5305, 5506, 5622, 5715, 5640, 5302, 5695, 5450, 5390, 5452, 5309, 5542, 5612, 5723, 5379, 5527, 5260, 5272, 5529, 5483, 5638, 5351, 5279, 5251, 5338, 5559, 5303, 5678, 5615, 5528, 5582, 5705, 5556, 5265, 5717, 5463, 5380, 5363, 5285, 5509 (6 hits) (10/28/2013 08:19:25 PM)
24	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5341, 5325, 5287, 5345, 5609, 5647, 5502, 5563, 5440, 5560, 5654, 5399, 5670, 5347, 5296, 5483, 5258, 5531, 5617, 5577, 5608, 5633, 5664, 5479, 5490, 5701, 5650, 5607, 5597, 5562, 5681, 5265, 5398, 5437, 5507, 5542, 5612, 5723, 5697, 5263, 5602, 5601, 5272, 5715, 5536, 5711, 5384, 5538, 5584, 5442, 5512, 5537, 5643, 5546, 5551, 5582, 5314, 5410, 5632, 5344, 5651, 5589, 5623, 5523, 5321, 5292, 5382, 5402, 5369, 5561, 5363, 5301, 5417, 5575, 5599, 5374, 5343, 5463, 5520, 5276, 5322, 5694, 5381, 5541, 5635, 5266, 5646, 5285, 5553, 5441, 5629, 5426, 5627, 5593, 5371, 5424, 5257, 5261, 5481, 5532 (5 hits) (10/28/2013 08:19:36 PM)
25	9	1.0	333.0	Yes	5515.0MHz, -63.0dBm	Hop sequence: 5428, 5565, 5439, 5341, 5566, 5620, 5363, 5434, 5544, 5389, 5713, 5463, 5520, 5682, 5440, 5406, 5312, 5593, 5498, 5370, 5493, 5616, 5553, 5396, 5666, 5304, 5595, 5405, 5660, 5408, 5633, 5278, 5530, 5706, 5608, 5276, 5571, 5663, 5255, 5390, 5422, 5499, 5670, 5512, 5668, 5665, 5539, 5475, 5568, 5485, 5432, 5552, 5343, 5604, 5606, 5325, 5711, 5267, 5334, 5425, 5455, 5401, 5323, 5254, 5610, 5306, 5284, 5353, 5704, 5701, 5491, 5720, 5356, 5340, 5362, 5580, 5490, 5418, 5705, 5576, 5599, 5557, 5448, 5471, 5412, 5698, 5578, 5285, 5626, 5477, 5478, 5290, 5462, 5258, 5446, 5501, 5333, 5469, 5679, 5330 (6 hits) (10/28/2013

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:19:46 PM)
26	9	1.0	333.0	Yes	5516.0MHz, -63.0dBm	Hop sequence: 5250, 5390, 5618, 5690, 5675, 5631, 5666, 5485, 5579, 5402, 5603, 5547, 5413, 5698, 5356, 5313, 5422, 5587, 5415, 5296, 5441, 5630, 5616, 5609, 5564, 5495, 5540, 5385, 5562, 5584, 5548, 5518, 5305, 5695, 5701, 5338, 5333, 5555, 5469, 5560, 5353, 5599, 5573, 5389, 5612, 5473, 5642, 5704, 5550, 5265, 5529, 5437, 5348, 5340, 5261, 5663, 5674, 5565, 5421, 5604, 5522, 5514, 5533, 5433, 5546, 5537, 5699, 5307, 5665, 5556, 5380, 5512, 5585, 5617, 5634, 5568, 5316, 5502, 5355, 5598, 5303, 5374, 5515, 5637, 5425, 5447, 5458, 5461, 5429, 5397, 5373, 5455, 5474, 5578, 5304, 5341, 5570, 5708, 5667, 5636 (7 hits) (10/28/2013 08:19:58 PM)
27	9	1.0	333.0	Yes	5517.0MHz, -63.0dBm	Hop sequence: 5679, 5380, 5530, 5585, 5290, 5670, 5573, 5681, 5720, 5643, 5314, 5539, 5374, 5536, 5349, 5569, 5278, 5342, 5487, 5637, 5608, 5546, 5398, 5346, 5262, 5617, 5690, 5525, 5687, 5340, 5678, 5660, 5304, 5561, 5693, 5534, 5390, 5426, 5259, 5353, 5394, 5275, 5469, 5627, 5588, 5456, 5656, 5352, 5618, 5696, 5509, 5273, 5338, 5659, 5272, 5263, 5521, 5477, 5252, 5499, 5572, 5605, 5707, 5488, 5529, 5563, 5522, 5701, 5541, 5695, 5285, 5501, 5576, 5496, 5491, 5357, 5345, 5723, 5432, 5377, 5301, 5379, 5722, 5704, 5714, 5446, 5552, 5356, 5654, 5467, 5527, 5548, 5489, 5388, 5330, 5473, 5270, 5326, 5558, 5410 (7 hits) (10/28/2013 08:20:15 PM)
28	9	1.0	333.0	Yes	5518.0MHz, -63.0dBm	Hop sequence: 5318, 5651, 5582, 5276, 5341, 5616, 5346, 5292, 5605, 5575, 5325, 5291, 5449, 5337, 5643, 5353, 5720, 5695, 5391, 5330, 5483, 5637, 5389, 5426, 5554, 5716, 5432, 5510, 5294, 5541, 5501, 5338, 5451, 5401, 5272, 5257, 5474, 5258, 5376, 5701, 5431, 5500, 5320, 5571, 5498, 5588, 5470, 5364,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5336, 5593, 5263, 5652, 5415, 5477, 5502, 5311, 5675, 5302, 5251, 5687, 5528, 5444, 5265, 5282, 5576, 5327, 5307, 5493, 5315, 5563, 5566, 5568, 5398, 5499, 5556, 5718, 5369, 5664, 5486, 5400, 5485, 5368, 5377, 5277, 5295, 5677, 5479, 5430, 5726, 5667, 5423, 5478, 5679, 5584, 5635, 5703, 5460, 5299, 5467, 5539 (7 hits) (10/28/2013 08:20:26 PM)
29	9	1.0	333.0	Yes	5519.0MHz, -63.0dBm	Hop sequence: 5293, 5362, 5536, 5542, 5657, 5438, 5342, 5430, 5619, 5488, 5310, 5473, 5296, 5521, 5588, 5315, 5584, 5684, 5343, 5507, 5453, 5431, 5446, 5599, 5483, 5490, 5256, 5316, 5707, 5480, 5527, 5397, 5663, 5531, 5639, 5407, 5484, 5277, 5665, 5409, 5254, 5573, 5609, 5530, 5280, 5378, 5634, 5463, 5504, 5385, 5312, 5458, 5587, 5327, 5275, 5420, 5697, 5550, 5636, 5352, 5612, 5689, 5276, 5285, 5658, 5393, 5576, 5524, 5681, 5350, 5712, 5291, 5554, 5571, 5704, 5653, 5475, 5294, 5460, 5611, 5395, 5562, 5709, 5514, 5518, 5388, 5666, 5643, 5411, 5346, 5711, 5354, 5700, 5660, 5496, 5725, 5468, 5376, 5677, 5506 (8 hits) (10/28/2013 08:20:38 PM)
30	9	1.0	333.0	Yes	5520.0MHz, -63.0dBm	Hop sequence: 5299, 5452, 5673, 5459, 5257, 5466, 5575, 5626, 5682, 5462, 5639, 5369, 5385, 5688, 5456, 5260, 5687, 5534, 5645, 5454, 5724, 5415, 5367, 5555, 5386, 5426, 5509, 5490, 5648, 5592, 5322, 5539, 5294, 5390, 5439, 5327, 5662, 5444, 5446, 5312, 5328, 5634, 5652, 5472, 5502, 5355, 5284, 5513, 5476, 5580, 5339, 5379, 5717, 5375, 5330, 5707, 5520, 5548, 5579, 5480, 5259, 5691, 5703, 5344, 5544, 5585, 5650, 5620, 5599, 5568, 5668, 5450, 5361, 5642, 5533, 5586, 5374, 5400, 5721, 5391, 5288, 5323, 5373, 5404, 5697, 5681, 5491, 5424, 5304, 5431, 5605, 5410, 5337, 5442, 5602, 5338, 5276, 5654, 5588, 5692 (4 hits) (10/28/2013

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						08:20:46 PM)
31	9	1.0	333.0	Yes	5521.0MHz, -63.0dBm	Hop sequence: 5478, 5677, 5716, 5523, 5394, 5305, 5710, 5430, 5616, 5482, 5661, 5495, 5647, 5340, 5393, 5395, 5409, 5418, 5610, 5657, 5702, 5706, 5574, 5339, 5454, 5673, 5635, 5551, 5500, 5531, 5346, 5343, 5682, 5561, 5618, 5389, 5377, 5600, 5541, 5375, 5443, 5402, 5642, 5370, 5719, 5580, 5641, 5278, 5496, 5648, 5498, 5608, 5628, 5390, 5525, 5713, 5550, 5638, 5494, 5607, 5254, 5537, 5353, 5594, 5565, 5356, 5262, 5484, 5355, 5427, 5459, 5640, 5662, 5327, 5360, 5318, 5455, 5397, 5556, 5625, 5547, 5595, 5567, 5407, 5504, 5317, 5429, 5251, 5534, 5324, 5516, 5704, 5465, 5686, 5689, 5448, 5678, 5471, 5621, 5651 (9 hits) (10/28/2013 08:20:59 PM)
32	9	1.0	333.0	Yes	5522.0MHz, -63.0dBm	Hop sequence: 5636, 5500, 5532, 5478, 5462, 5399, 5402, 5527, 5603, 5499, 5599, 5328, 5438, 5605, 5698, 5427, 5379, 5433, 5465, 5254, 5576, 5442, 5654, 5655, 5518, 5422, 5337, 5564, 5524, 5516, 5466, 5275, 5483, 5395, 5535, 5384, 5609, 5386, 5578, 5291, 5509, 5295, 5326, 5317, 5417, 5612, 5657, 5400, 5632, 5510, 5279, 5362, 5292, 5680, 5667, 5604, 5459, 5323, 5538, 5511, 5565, 5601, 5338, 5306, 5594, 5519, 5673, 5551, 5610, 5647, 5271, 5560, 5368, 5280, 5286, 5637, 5423, 5607, 5437, 5360, 5403, 5497, 5683, 5298, 5449, 5439, 5686, 5493, 5694, 5713, 5546, 5265, 5428, 5496, 5549, 5253, 5494, 5651, 5640, 5344 (13 hits) (10/28/2013 08:21:10 PM)
33	9	1.0	333.0	Yes	5523.0MHz, -63.0dBm	Hop sequence: 5352, 5285, 5615, 5604, 5658, 5378, 5489, 5342, 5338, 5630, 5668, 5455, 5600, 5652, 5272, 5649, 5596, 5327, 5447, 5426, 5263, 5414, 5678, 5553, 5666, 5490, 5567, 5356, 5516, 5384, 5270, 5364, 5271, 5687, 5450, 5336, 5405, 5309, 5483, 5382, 5393, 5260, 5321, 5494, 5539, 5403, 5347, 5256,

Table 123 - FCC frequency hopping radar (Type 6) Results 40MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5646, 5644, 5622, 5554, 5390, 5682, 5365, 5610, 5361, 5546, 5310, 5523, 5592, 5475, 5621, 5491, 5386, 5259, 5449, 5566, 5399, 5388, 5402, 5549, 5439, 5315, 5627, 5650, 5499, 5513, 5442, 5560, 5498, 5265, 5470, 5721, 5294, 5641, 5582, 5454, 5387, 5505, 5495, 5655, 5695, 5359, 5583, 5319, 5453, 5520, 5611, 5375 (9 hits) (10/28/2013 08:21:21 PM)
34	9	1.0	333.0	No	5524.0MHz, -63.0dBm	Hop sequence: 5296, 5390, 5546, 5441, 5321, 5314, 5471, 5578, 5268, 5554, 5723, 5452, 5330, 5584, 5589, 5424, 5641, 5315, 5466, 5622, 5491, 5337, 5574, 5648, 5632, 5547, 5685, 5696, 5675, 5663, 5595, 5305, 5485, 5524, 5437, 5569, 5342, 5301, 5488, 5570, 5607, 5354, 5279, 5597, 5276, 5712, 5472, 5725, 5673, 5383, 5285, 5422, 5361, 5665, 5255, 5320, 5427, 5375, 5612, 5423, 5591, 5692, 5334, 5701, 5573, 5601, 5349, 5442, 5661, 5386, 5722, 5463, 5559, 5401, 5351, 5278, 5523, 5388, 5477, 5490, 5336, 5587, 5517, 5664, 5250, 5657, 5679, 5284, 5333, 5283, 5496, 5348, 5702, 5379, 5532, 5326, 5340, 5700, 5332, 5575 (4 hits) (10/28/2013 08:21:34 PM)

Table 124 - FCC Short Pulse Radar (Type 1) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	18	1.0	1428.0	Yes	5490.0MHz, -63.0dBm	Single burst
4	18	1.0	1428.0	Yes	5485.0MHz, -63.0dBm	Single burst
5	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
10	18	1.0	1428.0	Yes	5490.0MHz, -63.0dBm	Single burst
11	18	1.0	1428.0	Yes	5485.0MHz, -63.0dBm	Single burst
12	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
13	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
15	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
16	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst
17	18	1.0	1428.0	Yes	5490.0MHz, -63.0dBm	Single burst
18	18	1.0	1428.0	Yes	5485.0MHz, -63.0dBm	Single burst
19	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
20	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
21	18	1.0	1428.0	No	5505.0MHz, -63.0dBm	Single burst
22	18	1.0	1428.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	18	1.0	1428.0	No	5495.0MHz, -63.0dBm	Single burst
24	18	1.0	1428.0	Yes	5490.0MHz, -63.0dBm	Single burst
25	18	1.0	1428.0	Yes	5485.0MHz, -63.0dBm	Single burst
26	18	1.0	1428.0	Yes	5515.0MHz, -63.0dBm	Single burst
27	18	1.0	1428.0	Yes	5510.0MHz, -63.0dBm	Single burst
28	18	1.0	1428.0	Yes	5505.0MHz, -63.0dBm	Single burst
29	18	1.0	1428.0	No	5500.0MHz, -63.0dBm	Single burst
30	18	1.0	1428.0	Yes	5495.0MHz, -63.0dBm	Single burst

Table 125 - FCC Short Pulse Radar (Type 2) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	26	4.2	212.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	28	1.9	212.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	26	4.5	186.0	Yes	5490.0MHz, -63.0dBm	Single burst
4	24	4.5	159.0	Yes	5485.0MHz, -63.0dBm	Single burst
5	25	2.9	161.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	25	2.5	158.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	24	3.7	195.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	24	1.1	167.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	24	2.5	173.0	Yes	5495.0MHz, -63.0dBm	Single burst
10	25	4.8	160.0	Yes	5490.0MHz, -63.0dBm	Single burst
11	26	4.3	212.0	Yes	5485.0MHz, -63.0dBm	Single burst
12	27	4.5	213.0	Yes	5515.0MHz, -63.0dBm	Single burst
13	26	1.7	158.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	23	4.2	166.0	Yes	5505.0MHz, -63.0dBm	Single burst
15	24	3.1	214.0	Yes	5500.0MHz, -63.0dBm	Single burst
16	27	1.4	201.0	Yes	5495.0MHz, -63.0dBm	Single burst
17	24	1.6	213.0	Yes	5490.0MHz, -63.0dBm	Single burst
18	27	2.0	159.0	Yes	5485.0MHz, -63.0dBm	Single burst
19	27	1.8	181.0	Yes	5515.0MHz, -63.0dBm	Single burst
20	29	3.5	188.0	Yes	5510.0MHz, -63.0dBm	Single burst
21	28	3.8	173.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	24	3.8	180.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	26	2.1	197.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	23	1.9	194.0	Yes	5490.0MHz, -63.0dBm	Single burst
25	27	4.5	225.0	Yes	5485.0MHz, -63.0dBm	Single burst
26	24	3.4	212.0	Yes	5515.0MHz, -63.0dBm	Single burst
27	28	2.9	226.0	Yes	5510.0MHz, -63.0dBm	Single burst
28	26	2.3	179.0	Yes	5505.0MHz, -63.0dBm	Single burst
29	26	1.6	171.0	Yes	5500.0MHz, -63.0dBm	Single burst
30	27	3.6	208.0	Yes	5495.0MHz, -63.0dBm	Single burst

Table 126 - FCC Short Pulse Radar (Type 3) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	16	9.4	478.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	17	8.6	482.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	17	8.2	484.0	Yes	5490.0MHz, -63.0dBm	Single burst
4	17	9.5	240.0	Yes	5485.0MHz, -63.0dBm	Single burst
5	17	8.7	234.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	17	6.0	336.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	16	6.6	485.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	17	8.7	419.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	17	7.6	330.0	Yes	5495.0MHz, -63.0dBm	Single burst
10	17	7.9	301.0	Yes	5490.0MHz, -63.0dBm	Single burst
11	16	9.2	302.0	Yes	5485.0MHz, -63.0dBm	Single burst
12	17	7.8	214.0	Yes	5515.0MHz, -63.0dBm	Single burst
13	17	6.2	244.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	18	7.8	444.0	Yes	5505.0MHz, -63.0dBm	Single burst
15	17	9.2	447.0	Yes	5500.0MHz, -63.0dBm	Single burst
16	17	9.7	363.0	Yes	5495.0MHz, -63.0dBm	Single burst
17	18	7.3	390.0	Yes	5490.0MHz, -63.0dBm	Single burst
18	18	6.2	352.0	Yes	5485.0MHz, -63.0dBm	Single burst
19	17	6.1	302.0	Yes	5515.0MHz, -63.0dBm	Single burst
20	17	7.7	346.0	Yes	5510.0MHz, -63.0dBm	Single burst
21	17	7.2	270.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	16	9.8	439.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	16	6.9	314.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	16	9.7	450.0	Yes	5490.0MHz, -63.0dBm	Single burst
25	16	8.0	279.0	Yes	5485.0MHz, -63.0dBm	Single burst
26	17	7.3	210.0	Yes	5515.0MHz, -63.0dBm	Single burst
27	17	9.3	326.0	Yes	5510.0MHz, -63.0dBm	Single burst
28	16	9.5	275.0	Yes	5505.0MHz, -63.0dBm	Single burst
29	18	7.4	333.0	Yes	5500.0MHz, -63.0dBm	Single burst
30	18	9.5	415.0	Yes	5495.0MHz, -63.0dBm	Single burst

Table 127 - FCC Short Pulse Radar (Type 4) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	14	18.4	300.0	Yes	5500.0MHz, -63.0dBm	Single burst
2	15	19.2	358.0	Yes	5495.0MHz, -63.0dBm	Single burst
3	12	18.7	470.0	Yes	5490.0MHz, -63.0dBm	Single burst
4	14	12.6	247.0	Yes	5485.0MHz, -63.0dBm	Single burst
5	13	15.8	375.0	Yes	5515.0MHz, -63.0dBm	Single burst
6	16	18.4	283.0	Yes	5510.0MHz, -63.0dBm	Single burst
7	16	12.3	389.0	Yes	5505.0MHz, -63.0dBm	Single burst
8	13	14.7	412.0	Yes	5500.0MHz, -63.0dBm	Single burst
9	13	19.0	469.0	Yes	5495.0MHz, -63.0dBm	Single burst
10	13	11.3	284.0	Yes	5490.0MHz, -63.0dBm	Single burst
11	14	13.2	277.0	Yes	5485.0MHz, -63.0dBm	Single burst
12	15	14.5	372.0	Yes	5515.0MHz, -63.0dBm	Single burst
13	13	11.9	206.0	Yes	5510.0MHz, -63.0dBm	Single burst
14	16	15.4	336.0	Yes	5505.0MHz, -63.0dBm	Single burst
15	15	15.7	377.0	Yes	5500.0MHz, -63.0dBm	Single burst
16	12	17.0	249.0	Yes	5495.0MHz, -63.0dBm	Single burst
17	14	17.9	244.0	Yes	5490.0MHz, -63.0dBm	Single burst
18	14	17.7	415.0	Yes	5485.0MHz, -63.0dBm	Single burst
19	15	16.6	383.0	Yes	5515.0MHz, -63.0dBm	Single burst
20	16	16.9	452.0	Yes	5510.0MHz, -63.0dBm	Single burst
21	13	11.0	334.0	Yes	5505.0MHz, -63.0dBm	Single burst
22	16	13.9	221.0	Yes	5500.0MHz, -63.0dBm	Single burst
23	13	12.8	213.0	Yes	5495.0MHz, -63.0dBm	Single burst
24	16	16.4	266.0	Yes	5490.0MHz, -63.0dBm	Single burst
25	16	16.7	266.0	Yes	5485.0MHz, -63.0dBm	Single burst
26	14	17.4	328.0	Yes	5515.0MHz, -63.0dBm	Single burst
27	13	14.8	371.0	Yes	5510.0MHz, -63.0dBm	Single burst
28	14	12.0	471.0	Yes	5505.0MHz, -63.0dBm	Single burst
29	13	15.0	337.0	Yes	5500.0MHz, -63.0dBm	Single burst
30	16	16.7	496.0	Yes	5495.0MHz, -63.0dBm	Single burst

Table 128 - Long Sequence Waveform Summary 50MHz

Long Sequence Trial	Result	Radar Frequency / Amplitude
Trial #1	Detected	5500.0MHz, -63.0dBm
Trial #2	Detected	5495.0MHz, -63.0dBm
Trial #3	Detected	5490.0MHz, -63.0dBm
Trial #4	Detected	5485.0MHz, -63.0dBm
Trial #5	Detected	5515.0MHz, -63.0dBm
Trial #6	Detected	5510.0MHz, -63.0dBm
Trial #7	Detected	5505.0MHz, -63.0dBm
Trial #8	Detected	5500.0MHz, -63.0dBm
Trial #9	Detected	5495.0MHz, -63.0dBm
Trial #10	Detected	5490.0MHz, -63.0dBm
Trial #11	Detected	5485.0MHz, -63.0dBm
Trial #12	Detected	5515.0MHz, -63.0dBm
Trial #13	Detected	5510.0MHz, -63.0dBm
Trial #14	Detected	5505.0MHz, -63.0dBm
Trial #15	Detected	5500.0MHz, -63.0dBm
Trial #16	Detected	5495.0MHz, -63.0dBm
Trial #17	Detected	5490.0MHz, -63.0dBm
Trial #18	Detected	5485.0MHz, -63.0dBm
Trial #19	Detected	5515.0MHz, -63.0dBm
Trial #20	Detected	5510.0MHz, -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	Detected	5490.0MHz, -63.0dBm
Trial #25	Detected	5485.0MHz, -63.0dBm
Trial #26	Detected	5515.0MHz, -63.0dBm
Trial #27	Detected	5510.0MHz, -63.0dBm
Trial #28	Detected	5505.0MHz, -63.0dBm
Trial #29	Detected	5500.0MHz, -63.0dBm
Trial #30	Detected	5495.0MHz, -63.0dBm

Table 129 - Long Sequence Waveform Trial#1 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	73.9	16	1298.0	1447.0	0.368066
2	3	88.5	18	1272.0	1753.0	1.822527
3	2	64.2	13	1225.0	-	2.720299
4	3	97.3	10	1321.0	1943.0	3.279509
5	2	98.9	17	1845.0	-	4.530177
6	2	91.2	12	1316.0	-	5.206654
7	2	55.4	8	1073.0	-	5.866687
8	2	77.9	9	1669.0	-	7.161917
9	2	60.8	16	1924.0	-	7.788344
10	1	90.6	12	-	-	8.876640
11	2	72.6	17	1100.0	-	9.339054
12	2	85.3	18	1728.0	-	10.537025
13	1	76.8	17	-	-	11.372281

Table 130 - Long Sequence Waveform Trial#2 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	83.9	10	1904.0	1799.0	0.104640
2	2	98.1	16	1157.0	-	1.403698
3	2	91.8	19	1797.0	-	2.412409
4	1	65.5	15	-	-	3.853346
5	2	54.8	5	1368.0	-	4.628542
6	3	57.8	8	1054.0	1543.0	5.683776
7	2	83.8	12	1978.0	-	6.707055
8	2	65.2	7	1310.0	-	7.075083
9	3	50.5	13	1066.0	1979.0	8.070420
10	1	96.8	6	-	-	9.281472
11	2	79.3	7	1312.0	-	10.885807
12	2	50.8	8	1000.0	-	11.152661

Table 131 - Long Sequence Waveform Trial#3 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	71.7	15	1755.0	1159.0	0.650079
2	1	87.6	16	-	-	0.802140
3	1	55.4	17	-	-	2.096212
4	2	90.0	14	1654.0	-	3.012507
5	1	79.6	15	-	-	3.968158
6	2	64.2	16	1960.0	-	4.396104
7	2	94.5	14	1341.0	-	5.318994
8	2	68.6	19	1063.0	-	6.331509
9	3	64.4	15	1315.0	1738.0	6.728523
10	1	66.0	7	-	-	7.278066
11	1	92.5	9	-	-	8.187149
12	2	77.0	13	1658.0	-	9.429093
13	1	72.0	15	-	-	10.259238
14	1	94.1	5	-	-	10.524682
15	2	62.7	15	1227.0	-	11.435996

Table 132 - Long Sequence Waveform Trial#4 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	87.8	11	-	-	0.401941
2	2	96.6	16	1550.0	-	0.918216
3	3	83.4	15	1282.0	1849.0	2.045568
4	1	59.9	14	-	-	3.150113
5	2	80.1	8	1690.0	-	3.980780
6	1	64.2	14	-	-	5.072979
7	2	73.2	12	1748.0	-	5.380666
8	2	80.0	17	1325.0	-	6.660048
9	3	51.7	16	1143.0	1552.0	6.976368
10	2	63.0	17	1758.0	-	8.195141
11	3	75.3	13	1856.0	1667.0	8.766278
12	2	95.4	14	1586.0	-	10.268719
13	2	78.0	15	1215.0	-	10.816741
14	3	70.6	9	1744.0	1922.0	11.268800

Table 133 - Long Sequence Waveform Trial#5 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	81.7	11	1432.0	1448.0	1.217893
2	2	75.5	12	1610.0	-	2.366242
3	1	69.0	12	-	-	3.268865
4	2	64.4	13	1583.0	-	4.079992
5	2	58.2	19	1109.0	-	5.971546
6	2	95.9	12	1057.0	-	7.124554
7	2	92.8	15	1822.0	-	8.164303
8	2	64.5	13	1807.0	-	9.757707
9	2	84.7	9	1385.0	-	11.750932

Table 134 - Long Sequence Waveform Trial#6 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	80.2	8	1323.0	-	0.221468
2	2	70.4	16	1495.0	-	2.768505
3	3	62.6	9	1587.0	1028.0	3.100196
4	2	57.1	13	1497.0	-	5.512843
5	2	90.3	16	1311.0	-	6.155805
6	2	81.8	12	1472.0	-	7.788659
7	2	84.4	17	1255.0	-	9.219958
8	2	77.0	19	1322.0	-	10.535091

Table 135 - Long Sequence Waveform Trial#7 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	52.2	7	-	-	0.528430
2	3	54.6	14	1171.0	1534.0	1.100472
3	2	75.5	10	1782.0	-	2.371881
4	3	75.2	7	1834.0	1704.0	3.783435
5	3	68.7	14	1748.0	1483.0	5.346536
6	3	77.4	11	1389.0	1355.0	6.148925
7	2	68.1	14	1554.0	-	7.235430
8	1	50.2	10	-	-	7.952631
9	1	66.8	19	-	-	9.600824
10	1	91.7	17	-	-	10.829816
11	3	52.8	15	1706.0	1928.0	11.467358

Table 136 - Long Sequence Waveform Trial#8 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.1	20	1377.0	-	0.035722
2	3	77.4	14	1094.0	1460.0	2.323864
3	2	51.0	8	1628.0	-	3.312588
4	2	73.4	13	1154.0	-	4.275570
5	2	77.3	16	1787.0	-	5.386336
6	3	63.5	6	1822.0	1994.0	7.119956
7	3	91.5	17	1809.0	1266.0	7.306440
8	1	67.5	12	-	-	9.184905
9	2	77.1	14	1852.0	-	9.712310
10	2	73.3	12	1661.0	-	10.911561

Table 137 - Long Sequence Waveform Trial#9 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.3	16	1603.0	-	0.904560
2	1	79.5	12	-	-	2.287084
3	3	76.1	9	1684.0	1925.0	3.551826
4	3	92.1	15	1557.0	1538.0	4.778959
5	2	65.0	12	1410.0	-	6.017752
6	1	70.7	8	-	-	7.558244
7	1	74.2	16	-	-	8.240842
8	2	53.8	18	1619.0	-	10.169396
9	1	99.9	6	-	-	11.952998

Table 138 - Long Sequence Waveform Trial#10 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	67.8	18	1637.0	-	0.706145
2	3	55.9	12	1620.0	1722.0	1.402378
3	2	88.2	15	1855.0	-	1.877898
4	3	54.7	6	1284.0	1325.0	2.538489
5	2	74.7	10	1925.0	-	3.384014
6	2	59.6	18	1695.0	-	4.274342
7	3	86.4	12	1217.0	1129.0	5.117843
8	2	65.5	8	1266.0	-	6.030072
9	2	80.3	8	1131.0	-	6.984056
10	1	87.1	18	-	-	7.583293
11	1	86.4	7	-	-	8.118646
12	1	85.6	19	-	-	9.139515
13	2	52.3	7	1645.0	-	10.127146
14	2	99.4	14	1771.0	-	10.589165
15	2	63.2	10	1041.0	-	11.635008

Table 139 - Long Sequence Waveform Trial#11 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	65.1	9	-	-	0.225531
2	2	93.8	8	1792.0	-	0.991089
3	3	82.4	8	1248.0	1631.0	1.610015
4	1	100.0	18	-	-	1.936771
5	2	55.3	20	1627.0	-	2.451876
6	2	96.6	13	1400.0	-	3.076840
7	2	87.2	6	1183.0	-	3.758747
8	1	75.8	6	-	-	4.791361
9	2	86.8	8	1322.0	-	5.043484
10	2	63.8	16	1249.0	-	5.861630
11	3	64.0	14	1768.0	1614.0	6.540793
12	2	88.9	11	1837.0	-	6.615305
13	3	64.8	16	1682.0	1789.0	7.393354
14	1	50.7	8	-	-	8.269697
15	2	96.8	11	1179.0	-	8.517191
16	1	94.6	9	-	-	9.158179
17	2	72.8	8	1241.0	-	9.751479
18	1	79.7	10	-	-	10.566047
19	2	66.5	14	1352.0	-	11.101963
20	2	57.3	11	1851.0	-	11.404140

Table 140 - Long Sequence Waveform Trial#12 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.5	10	1332.0	-	0.197802
2	2	76.8	17	1612.0	-	1.133255
3	2	74.2	20	1362.0	-	2.005083
4	2	84.2	5	1910.0	-	2.139568
5	2	66.8	9	1873.0	-	3.290761
6	3	88.9	5	1710.0	1251.0	4.222859
7	1	53.4	20	-	-	4.749309
8	1	79.4	16	-	-	5.082282
9	2	69.8	5	1414.0	-	5.879590
10	2	57.1	18	1581.0	-	6.563327
11	2	67.5	11	1490.0	-	7.533094
12	2	91.1	14	1906.0	-	7.974961
13	1	67.6	20	-	-	8.887818
14	3	95.6	15	1616.0	1429.0	9.851247
15	3	73.4	15	1896.0	1765.0	10.005868
16	2	74.9	19	1653.0	-	10.927256
17	2	56.0	16	1417.0	-	11.848916

Table 141 - Long Sequence Waveform Trial#13 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	94.9	11	-	-	0.207194
2	2	68.2	10	1679.0	-	1.205246
3	2	55.6	17	1212.0	-	3.494641
4	2	67.1	19	1768.0	-	3.807770
5	3	76.2	12	1499.0	1027.0	5.575514
6	2	53.3	10	1110.0	-	6.105860
7	3	96.7	5	1631.0	1035.0	7.928205
8	2	80.4	15	1283.0	-	8.432967
9	2	79.0	10	1781.0	-	10.252790
10	2	54.5	14	1897.0	-	10.896272

Table 142 - Long Sequence Waveform Trial#14 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	57.6	12	-	-	0.797854
2	2	63.1	13	1727.0	-	2.030342
3	2	88.8	18	1643.0	-	3.184631
4	1	76.7	12	-	-	4.682512
5	1	86.1	12	-	-	4.946618
6	1	83.5	13	-	-	7.191493
7	3	92.5	18	1163.0	1366.0	7.536659
8	2	82.4	9	1538.0	-	9.582044
9	2	76.4	9	1247.0	-	10.746761
10	2	52.1	11	1927.0	-	11.935914

Table 143 - Long Sequence Waveform Trial#15 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.6	15	1021.0	-	0.290189
2	2	67.0	19	1644.0	-	1.281942
3	2	72.6	17	1580.0	-	1.878748
4	2	74.9	9	1421.0	-	2.487699
5	3	74.4	20	1708.0	1005.0	3.114472
6	3	53.8	17	1000.0	1378.0	3.342039
7	1	98.8	16	-	-	4.250198
8	1	84.9	5	-	-	5.153593
9	2	96.5	7	1139.0	-	5.989429
10	3	82.5	18	1312.0	1948.0	6.519271
11	2	61.2	13	1301.0	-	7.062238
12	3	97.5	13	1456.0	1609.0	7.821992
13	1	66.5	17	-	-	8.406736
14	3	82.3	13	1261.0	1122.0	9.075374
15	1	60.5	9	-	-	9.371121
16	2	55.4	19	1138.0	-	10.028868
17	2	67.4	6	1179.0	-	10.867093
18	2	60.9	17	1018.0	-	11.502150

Table 144 - Long Sequence Waveform Trial#16 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	86.8	9	1996.0	-	0.283503
2	2	76.7	12	1096.0	-	1.247733
3	2	63.5	20	1484.0	-	2.743737
4	3	95.7	8	1758.0	1768.0	4.090957
5	2	94.2	15	1645.0	-	5.426431
6	2	96.5	10	1300.0	-	6.536577
7	2	99.4	11	1102.0	-	7.497889
8	2	81.0	14	1151.0	-	8.518843
9	2	59.4	11	1676.0	-	9.606728
10	2	91.1	7	1969.0	-	10.290324
11	2	63.0	13	1275.0	-	11.088155

Table 145 - Long Sequence Waveform Trial#17 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.6	7	1327.0	-	0.718314
2	3	87.8	18	1441.0	1358.0	1.362845
3	2	90.2	11	1282.0	-	3.461304
4	2	63.4	20	1186.0	-	4.874354
5	1	83.2	6	-	-	6.431199
6	3	97.7	11	1422.0	1414.0	7.714067
7	3	91.5	14	1410.0	1521.0	9.194314
8	2	71.8	8	1889.0	-	10.645035
9	2	79.0	7	1206.0	-	11.896795

Table 146 - Long Sequence Waveform Trial#18 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	86.9	15	-	-	0.484482
2	2	53.4	14	1785.0	-	1.709218
3	2	85.6	14	1729.0	-	2.047990
4	3	73.6	16	1514.0	1690.0	2.736529
5	2	72.3	14	1756.0	-	3.512264
6	3	52.9	12	1353.0	1852.0	4.751519
7	1	59.4	8	-	-	5.752520
8	1	65.1	16	-	-	6.500710
9	3	62.6	12	1564.0	1486.0	7.219998
10	3	56.1	16	1475.0	1882.0	8.281618
11	3	74.2	20	1005.0	1298.0	8.779698
12	2	72.4	12	1405.0	-	9.535141
13	1	82.5	10	-	-	11.123678
14	1	70.4	12	-	-	11.274013

Table 147 - Long Sequence Waveform Trial#19 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	73.8	7	1705.0	-	0.491076
2	2	80.4	7	1398.0	-	1.545050
3	3	59.3	19	1468.0	1801.0	2.564557
4	2	58.4	19	1955.0	-	4.187325
5	2	55.9	11	1272.0	-	5.267294
6	3	73.0	17	1240.0	1464.0	6.227741
7	2	70.1	9	1408.0	-	7.114867
8	1	70.5	12	-	-	8.504161
9	2	62.2	11	1865.0	-	9.783501
10	2	77.0	5	1253.0	-	10.133123
11	2	55.5	15	1027.0	-	11.570247

Table 148 - Long Sequence Waveform Trial#20 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	81.2	16	1777.0	-	0.966765
2	1	52.9	10	-	-	2.007411
3	2	90.5	16	1893.0	-	3.136772
4	2	82.0	5	1574.0	-	4.269736
5	2	84.2	9	1718.0	-	4.730901
6	1	77.1	19	-	-	5.583363
7	3	91.6	11	1216.0	1857.0	6.859342
8	1	69.0	15	-	-	8.275469
9	3	63.3	17	1986.0	1603.0	9.191512
10	2	55.9	18	1843.0	-	10.805144
11	3	84.8	18	1460.0	1912.0	11.176737

Table 149 - Long Sequence Waveform Trial#21 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	84.8	7	1321.0	-	0.542493
2	2	90.9	12	1118.0	-	2.008733
3	2	82.4	13	1853.0	-	3.015774
4	2	68.6	11	1873.0	-	4.281788
5	2	59.5	15	1608.0	-	4.833034
6	2	92.2	17	1414.0	-	5.990432
7	3	93.2	19	1662.0	1393.0	7.107555
8	2	91.7	9	1131.0	-	7.776859
9	2	50.3	17	1112.0	-	9.706244
10	1	69.0	19	-	-	10.862351
11	2	96.6	10	1088.0	-	11.451041

Table 150 - Long Sequence Waveform Trial#22 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	75.6	9	1342.0	-	0.040241
2	2	66.0	14	1664.0	-	1.315708
3	1	91.0	18	-	-	2.852979
4	2	91.2	15	1873.0	-	3.604037
5	2	55.4	7	1723.0	-	5.005787
6	3	97.4	20	1938.0	1639.0	6.431311
7	1	53.8	20	-	-	7.633474
8	1	77.3	17	-	-	9.105394
9	1	93.7	13	-	-	10.552184
10	1	51.4	10	-	-	11.253025

Table 151 - Long Sequence Waveform Trial#23 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	56.8	7	1261.0	1201.0	1.163010
2	2	81.2	16	1819.0	-	1.800703
3	2	63.0	18	1636.0	-	3.313227
4	2	64.8	13	1179.0	-	4.701569
5	2	51.7	7	1308.0	-	4.850507
6	3	94.4	12	1985.0	1350.0	6.292680
7	1	67.1	18	-	-	7.688149
8	2	66.5	6	1277.0	-	9.014329
9	1	85.5	13	-	-	10.423311
10	1	50.7	13	-	-	11.419422

Table 152 - Long Sequence Waveform Trial#24 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	75.1	15	1744.0	-	0.328819
2	2	81.5	6	1373.0	-	1.385963
3	3	67.4	9	1238.0	1681.0	1.475795
4	2	66.6	11	1859.0	-	2.722176
5	2	80.5	9	1682.0	-	2.872950
6	3	80.5	18	1617.0	1053.0	4.096279
7	2	86.2	11	1432.0	-	4.731295
8	2	80.6	9	1435.0	-	4.956302
9	2	64.1	17	1169.0	-	6.197929
10	3	73.8	16	1907.0	1014.0	6.524597
11	2	79.6	16	1079.0	-	7.591412
12	3	99.2	13	1122.0	1478.0	7.990278
13	3	61.4	8	1791.0	1753.0	8.896643
14	2	89.1	12	1236.0	-	9.318528
15	1	54.7	5	-	-	10.351639
16	1	85.5	14	-	-	11.205259
17	2	80.5	9	1651.0	-	11.568720

Table 153 - Long Sequence Waveform Trial#25 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	99.1	14	-	-	0.190431
2	1	54.9	17	-	-	1.671280
3	2	89.0	17	1347.0	-	2.544505
4	1	91.4	12	-	-	3.179293
5	2	54.2	19	1645.0	-	3.887710
6	1	69.4	6	-	-	4.878097
7	3	70.9	18	1302.0	1541.0	5.145976
8	1	50.4	13	-	-	6.600805
9	3	67.7	6	1078.0	1207.0	7.624336
10	2	81.1	18	1820.0	-	8.453407
11	1	64.3	14	-	-	8.633436
12	3	53.9	7	1054.0	1755.0	9.783045
13	3	69.0	17	1818.0	1996.0	10.918713
14	2	89.9	12	1464.0	-	11.763985

Table 154 - Long Sequence Waveform Trial#26 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	80.9	11	1762.0	1042.0	0.204211
2	1	88.2	11	-	-	1.219133
3	1	65.4	8	-	-	2.797295
4	2	80.8	16	1277.0	-	3.333447
5	3	58.8	9	1202.0	1454.0	4.685604
6	3	70.2	14	1129.0	1766.0	5.845162
7	1	51.7	10	-	-	6.863489
8	2	90.5	14	1653.0	-	7.970830
9	3	98.7	8	1079.0	1388.0	8.356258
10	3	50.3	18	1076.0	1293.0	9.435080
11	3	98.1	18	1283.0	1699.0	10.878384
12	2	78.2	6	1396.0	-	11.408044

Table 155 - Long Sequence Waveform Trial#27 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	55.7	19	-	-	1.484741
2	2	71.2	17	1629.0	-	2.583164
3	3	66.5	9	1989.0	1273.0	4.316807
4	1	89.5	15	-	-	5.487559
5	1	69.3	18	-	-	7.330681
6	2	51.3	13	1863.0	-	8.855469
7	1	85.0	18	-	-	9.133631
8	2	89.1	9	1866.0	-	11.657354

Table 156 - Long Sequence Waveform Trial#28 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.9	19	1611.0	-	0.423031
2	2	97.6	8	1337.0	-	1.434561
3	2	58.0	12	1386.0	-	2.697636
4	2	93.6	15	1345.0	-	3.528610
5	1	56.4	8	-	-	3.823477
6	1	80.4	16	-	-	4.707144
7	2	76.9	16	1930.0	-	5.629923
8	2	79.7	16	1676.0	-	7.308726
9	2	51.5	19	1889.0	-	7.599744
10	1	65.2	18	-	-	9.145314
11	1	67.4	10	-	-	9.394668
12	1	87.6	8	-	-	10.356352
13	2	69.1	17	1905.0	-	11.367108

Table 157 - Long Sequence Waveform Trial#29 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	84.9	17	1302.0	1838.0	0.315577
2	3	82.2	6	1488.0	1309.0	0.893264
3	2	61.6	18	1257.0	-	1.968937
4	2	92.1	19	1634.0	-	2.472475
5	3	90.1	19	1057.0	1963.0	3.504783
6	3	73.9	19	1582.0	1099.0	4.081640
7	1	82.4	10	-	-	4.502950
8	2	80.6	7	1905.0	-	5.368027
9	2	68.9	18	1459.0	-	5.970016
10	1	84.3	5	-	-	6.525252
11	2	98.4	12	1240.0	-	7.113777
12	3	89.9	12	1127.0	1371.0	8.072036
13	2	51.3	20	1304.0	-	8.623441
14	3	76.0	16	1472.0	1629.0	9.177469
15	2	54.0	19	1396.0	-	10.392286
16	1	59.2	10	-	-	10.635597
17	3	68.8	6	1132.0	1816.0	11.589231

Table 158 - Long Sequence Waveform Trial#30 (Detected) 50MHz

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	54.1	9	-	-	0.081190
2	2	95.0	20	1209.0	-	1.402306
3	2	57.2	5	1536.0	-	1.809118
4	3	87.5	5	1373.0	1944.0	2.513284
5	2	95.9	7	1429.0	-	2.861971
6	2	57.2	19	1648.0	-	4.156602
7	2	57.4	18	1074.0	-	4.567633
8	3	90.2	12	1805.0	1327.0	5.534902
9	3	79.9	19	1280.0	1679.0	6.091077
10	2	74.4	19	1300.0	-	6.763943
11	1	95.2	14	-	-	7.412468
12	3	58.1	6	1037.0	1493.0	8.077391
13	2	97.4	5	1237.0	-	8.955469
14	1	88.0	10	-	-	9.235003
15	2	83.2	9	1502.0	-	10.487439
16	1	96.8	5	-	-	11.104889
17	2	86.7	18	1024.0	-	11.481542

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
1	9	1.0	333.0	Yes	5519.0MHz, -63.0dBm	Hop sequence: 5329, 5591, 5679, 5669, 5322, 5683, 5488, 5499, 5567, 5264, 5546, 5530, 5321, 5670, 5429, 5617, 5254, 5326, 5660, 5435, 5569, 5572, 5542, 5580, 5334, 5345, 5258, 5524, 5651, 5584, 5656, 5702, 5422, 5566, 5370, 5375, 5339, 5498, 5469, 5594, 5677, 5699, 5570, 5319, 5711, 5387, 5695, 5356, 5611, 5684, 5579, 5706, 5280, 5259, 5452, 5337, 5446, 5287, 5341, 5438, 5362, 5666, 5648, 5409, 5441, 5432, 5338, 5427, 5722, 5260, 5357, 5348, 5630, 5349, 5548, 5299, 5564, 5261, 5410, 5378, 5576, 5680, 5428, 5439, 5490, 5416, 5504, 5453, 5714, 5263, 5721, 5549, 5380, 5426, 5665, 5306, 5562, 5354, 5565, 5381 (5 hits) (09/23/2013 02:56:26 PM)
2	9	1.0	333.0	Yes	5520.0MHz, -63.0dBm	Hop sequence: 5496, 5377, 5353, 5591, 5608, 5555, 5504, 5380, 5329, 5676, 5408, 5449, 5467, 5311, 5312, 5387, 5258, 5534, 5252, 5486, 5563, 5276, 5635, 5713, 5478, 5264, 5721, 5578, 5318, 5301, 5484, 5385, 5471, 5547, 5701, 5424, 5626, 5255, 5580, 5554, 5647, 5403, 5549, 5262, 5251, 5679, 5616, 5461, 5414, 5468, 5717, 5366, 5629, 5537, 5405, 5545, 5535, 5338, 5710, 5459, 5688, 5611, 5613, 5715, 5671, 5363, 5412, 5705, 5321, 5628, 5306, 5598, 5719, 5309, 5330, 5596, 5502, 5527, 5332, 5401, 5562, 5510, 5691, 5704, 5669, 5474, 5645, 5708, 5342, 5341, 5646, 5687, 5476, 5569, 5273, 5564, 5365, 5327, 5437, 5337 (6 hits) (09/23/2013 02:56:38 PM)

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
3	9	1.0	333.0	Yes	5480.0MHz, -63.0dBm	Hop sequence: 5719, 5703, 5631, 5717, 5483, 5517, 5606, 5629, 5479, 5441, 5261, 5591, 5600, 5266, 5262, 5459, 5320, 5687, 5280, 5707, 5612, 5601, 5482, 5480, 5429, 5403, 5638, 5321, 5385, 5642, 5620, 5723, 5346, 5466, 5472, 5713, 5514, 5421, 5372, 5500, 5541, 5312, 5411, 5617, 5415, 5605, 5512, 5344, 5449, 5278, 5552, 5353, 5581, 5678, 5610, 5371, 5291, 5361, 5672, 5550, 5260, 5720, 5511, 5662, 5582, 5513, 5683, 5576, 5287, 5503, 5363, 5340, 5379, 5608, 5257, 5710, 5351, 5661, 5627, 5454, 5507, 5447, 5359, 5348, 5474, 5660, 5308, 5633, 5653, 5491, 5334, 5378, 5330, 5400, 5309, 5571, 5569, 5643, 5531, 5506 (13 hits) (09/23/2013 02:56:50 PM)
4	9	1.0	333.0	Yes	5481.0MHz, -63.0dBm	Hop sequence: 5566, 5607, 5605, 5315, 5398, 5621, 5704, 5537, 5355, 5363, 5580, 5281, 5712, 5287, 5438, 5308, 5377, 5450, 5515, 5425, 5416, 5651, 5436, 5336, 5340, 5669, 5638, 5556, 5602, 5295, 5311, 5277, 5661, 5501, 5691, 5676, 5353, 5719, 5506, 5674, 5331, 5471, 5701, 5261, 5477, 5369, 5403, 5706, 5643, 5657, 5559, 5549, 5667, 5641, 5567, 5593, 5548, 5343, 5284, 5465, 5282, 5538, 5467, 5411, 5461, 5522, 5577, 5347, 5321, 5619, 5376, 5260, 5664, 5717, 5663, 5649, 5511, 5532, 5279, 5547, 5313, 5666, 5385, 5526, 5334, 5632, 5474, 5328, 5373, 5521, 5380, 5365, 5713, 5634, 5286, 5581, 5552, 5707, 5505, 5422 (5 hits) (09/23/2013 02:57:03 PM)
5	9	1.0	333.0	Yes	5482.0MHz, -63.0dBm	Hop sequence: 5536, 5312, 5408, 5704, 5723, 5647, 5615, 5683, 5431, 5505, 5559, 5367, 5610, 5617, 5679, 5297, 5611, 5521, 5443, 5290, 5672, 5580, 5485, 5357, 5702, 5420, 5438, 5502, 5310, 5718, 5344, 5280, 5295, 5254, 5519, 5653, 5264, 5286, 5603, 5258, 5556, 5414, 5540, 5430, 5309, 5311, 5530, 5379, 5375, 5646, 5454, 5712, 5488,

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5403, 5554, 5441, 5623, 5612, 5481, 5468, 5699, 5706, 5546, 5462, 5713, 5558, 5298, 5598, 5275, 5581, 5456, 5340, 5380, 5601, 5407, 5394, 5622, 5402, 5684, 5726, 5391, 5698, 5348, 5503, 5708, 5359, 5355, 5535, 5296, 5320, 5466, 5383, 5579, 5361, 5500, 5400, 5479, 5464, 5278, 5586 (8 hits) (09/23/2013 02:57:15 PM)
6	9	1.0	333.0	Yes	5483.0MHz, -63.0dBm	Hop sequence: 5276, 5424, 5554, 5421, 5443, 5345, 5499, 5363, 5600, 5496, 5482, 5335, 5716, 5509, 5543, 5275, 5282, 5599, 5331, 5465, 5651, 5703, 5450, 5704, 5372, 5411, 5467, 5455, 5655, 5352, 5524, 5267, 5507, 5602, 5518, 5519, 5400, 5557, 5277, 5270, 5440, 5593, 5488, 5405, 5355, 5625, 5665, 5264, 5540, 5451, 5536, 5401, 5718, 5674, 5316, 5271, 5476, 5562, 5595, 5396, 5309, 5392, 5692, 5686, 5697, 5378, 5479, 5456, 5550, 5395, 5699, 5661, 5374, 5384, 5471, 5334, 5520, 5431, 5588, 5349, 5262, 5688, 5370, 5681, 5647, 5313, 5439, 5410, 5538, 5502, 5658, 5586, 5397, 5724, 5254, 5323, 5375, 5306, 5660, 5594 (10 hits) (09/23/2013 02:57:28 PM)
7	9	1.0	333.0	Yes	5484.0MHz, -63.0dBm	Hop sequence: 5595, 5410, 5700, 5412, 5331, 5552, 5725, 5299, 5375, 5389, 5343, 5449, 5384, 5491, 5418, 5472, 5479, 5478, 5481, 5274, 5597, 5494, 5722, 5710, 5665, 5430, 5633, 5310, 5289, 5345, 5689, 5362, 5407, 5492, 5570, 5724, 5328, 5518, 5297, 5556, 5604, 5313, 5276, 5555, 5712, 5335, 5670, 5296, 5625, 5577, 5662, 5341, 5405, 5512, 5365, 5424, 5531, 5360, 5293, 5349, 5589, 5330, 5490, 5646, 5637, 5303, 5515, 5272, 5550, 5562, 5509, 5630, 5523, 5656, 5541, 5697, 5482, 5435, 5325, 5459, 5422, 5612, 5642, 5705, 5627, 5287, 5605, 5286, 5580, 5438, 5634, 5528, 5261, 5651, 5461, 5613, 5587, 5411, 5557, 5549 (10 hits) (09/23/2013 02:57:38 PM)

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
8	9	1.0	333.0	Yes	5485.0MHz, -63.0dBm	Hop sequence: 5601, 5648, 5702, 5362, 5341, 5365, 5498, 5468, 5479, 5593, 5407, 5314, 5296, 5335, 5554, 5339, 5328, 5366, 5325, 5608, 5377, 5515, 5503, 5333, 5395, 5569, 5435, 5258, 5512, 5564, 5389, 5332, 5609, 5291, 5499, 5693, 5336, 5582, 5284, 5318, 5659, 5584, 5548, 5707, 5716, 5692, 5721, 5559, 5383, 5475, 5370, 5454, 5500, 5276, 5599, 5292, 5400, 5694, 5403, 5713, 5589, 5606, 5430, 5635, 5523, 5626, 5288, 5529, 5630, 5386, 5647, 5530, 5322, 5683, 5553, 5637, 5718, 5549, 5312, 5547, 5436, 5699, 5534, 5327, 5469, 5264, 5541, 5432, 5348, 5685, 5644, 5326, 5484, 5697, 5572, 5337, 5710, 5522, 5378, 5573 (7 hits) (09/23/2013 02:57:49 PM)
9	9	1.0	333.0	Yes	5486.0MHz, -63.0dBm	Hop sequence: 5401, 5424, 5351, 5564, 5545, 5637, 5447, 5555, 5394, 5542, 5456, 5407, 5465, 5363, 5593, 5584, 5267, 5482, 5556, 5543, 5430, 5511, 5414, 5302, 5382, 5595, 5377, 5689, 5381, 5445, 5708, 5568, 5612, 5276, 5598, 5674, 5710, 5504, 5429, 5693, 5392, 5412, 5485, 5384, 5687, 5592, 5699, 5353, 5636, 5688, 5455, 5722, 5263, 5439, 5281, 5372, 5709, 5539, 5528, 5720, 5374, 5478, 5493, 5292, 5284, 5669, 5308, 5293, 5645, 5326, 5635, 5261, 5484, 5489, 5442, 5563, 5421, 5282, 5420, 5290, 5698, 5716, 5552, 5668, 5557, 5591, 5611, 5331, 5505, 5618, 5446, 5274, 5619, 5725, 5342, 5311, 5705, 5464, 5483, 5662 (9 hits) (09/23/2013 02:57:59 PM)
10	9	1.0	333.0	Yes	5487.0MHz, -63.0dBm	Hop sequence: 5479, 5328, 5671, 5589, 5673, 5571, 5284, 5478, 5379, 5291, 5465, 5438, 5272, 5335, 5615, 5329, 5356, 5420, 5449, 5614, 5445, 5590, 5422, 5253, 5536, 5698, 5354, 5364, 5531, 5410, 5514, 5535, 5588, 5709, 5633, 5654, 5370, 5436, 5725, 5270, 5582, 5378, 5347, 5585, 5260, 5659, 5416, 5661, 5391, 5714, 5562, 5452, 5570,

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5521, 5441, 5721, 5271, 5504, 5544, 5529, 5429, 5584, 5685, 5645, 5411, 5474, 5592, 5353, 5623, 5381, 5518, 5323, 5669, 5432, 5658, 5314, 5497, 5366, 5646, 5259, 5510, 5515, 5322, 5311, 5541, 5380, 5519, 5295, 5586, 5431, 5388, 5421, 5424, 5355, 5325, 5412, 5287, 5499, 5488, 5413 (9 hits) (09/23/2013 02:58:15 PM)
11	9	1.0	333.0	Yes	5488.0MHz, -63.0dBm	Hop sequence: 5356, 5374, 5650, 5494, 5390, 5502, 5687, 5647, 5264, 5572, 5645, 5364, 5668, 5513, 5672, 5720, 5488, 5333, 5363, 5439, 5372, 5268, 5525, 5398, 5422, 5253, 5396, 5618, 5376, 5699, 5275, 5271, 5555, 5334, 5548, 5260, 5514, 5357, 5386, 5287, 5366, 5467, 5704, 5387, 5493, 5621, 5482, 5721, 5405, 5506, 5677, 5690, 5590, 5538, 5630, 5459, 5395, 5454, 5270, 5410, 5358, 5692, 5345, 5290, 5659, 5530, 5411, 5449, 5276, 5403, 5355, 5533, 5251, 5473, 5286, 5479, 5468, 5528, 5575, 5582, 5367, 5707, 5257, 5423, 5673, 5350, 5583, 5278, 5311, 5529, 5656, 5605, 5321, 5436, 5589, 5594, 5724, 5487, 5470, 5722 (9 hits) (09/23/2013 02:58:28 PM)
12	9	1.0	333.0	Yes	5489.0MHz, -63.0dBm	Hop sequence: 5705, 5366, 5533, 5610, 5566, 5295, 5268, 5256, 5644, 5671, 5539, 5432, 5420, 5541, 5402, 5596, 5582, 5254, 5358, 5517, 5410, 5625, 5717, 5311, 5429, 5546, 5401, 5415, 5394, 5409, 5478, 5341, 5412, 5422, 5501, 5674, 5587, 5393, 5488, 5686, 5680, 5313, 5375, 5387, 5530, 5472, 5360, 5505, 5327, 5255, 5491, 5628, 5459, 5407, 5673, 5457, 5436, 5525, 5651, 5460, 5378, 5524, 5383, 5593, 5670, 5299, 5594, 5548, 5435, 5380, 5500, 5502, 5571, 5449, 5334, 5580, 5695, 5668, 5712, 5354, 5271, 5430, 5326, 5507, 5403, 5641, 5685, 5581, 5656, 5427, 5597, 5331, 5395, 5514, 5404, 5629, 5489, 5553, 5622, 5286 (10 hits) (09/23/2013 02:58:39 PM)

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
13	9	1.0	333.0	Yes	5490.0MHz, -63.0dBm	Hop sequence: 5536, 5545, 5426, 5520, 5405, 5303, 5281, 5696, 5559, 5347, 5255, 5293, 5364, 5377, 5669, 5578, 5274, 5571, 5561, 5399, 5439, 5546, 5436, 5586, 5601, 5366, 5410, 5442, 5511, 5620, 5332, 5705, 5566, 5457, 5619, 5329, 5646, 5670, 5514, 5482, 5476, 5567, 5401, 5676, 5283, 5491, 5388, 5499, 5308, 5574, 5356, 5659, 5493, 5465, 5537, 5450, 5700, 5680, 5515, 5494, 5533, 5607, 5699, 5488, 5393, 5628, 5618, 5609, 5376, 5290, 5479, 5654, 5724, 5398, 5440, 5297, 5441, 5587, 5455, 5525, 5532, 5294, 5635, 5407, 5289, 5517, 5685, 5266, 5362, 5714, 5287, 5641, 5449, 5288, 5462, 5711, 5521, 5501, 5469, 5644 (12 hits) (09/23/2013 02:58:52 PM)
14	9	1.0	333.0	Yes	5491.0MHz, -63.0dBm	Hop sequence: 5685, 5565, 5510, 5526, 5389, 5673, 5697, 5372, 5342, 5473, 5320, 5518, 5276, 5476, 5696, 5671, 5253, 5618, 5676, 5407, 5642, 5254, 5649, 5250, 5537, 5448, 5434, 5271, 5611, 5381, 5616, 5552, 5607, 5571, 5340, 5545, 5707, 5622, 5364, 5307, 5705, 5609, 5637, 5708, 5660, 5706, 5420, 5409, 5692, 5636, 5308, 5424, 5644, 5606, 5328, 5601, 5564, 5393, 5515, 5399, 5423, 5507, 5666, 5260, 5562, 5554, 5709, 5431, 5348, 5312, 5419, 5261, 5548, 5592, 5468, 5656, 5681, 5356, 5369, 5292, 5710, 5499, 5374, 5410, 5638, 5487, 5695, 5517, 5404, 5558, 5535, 5323, 5587, 5298, 5313, 5267, 5684, 5425, 5347, 5539 (7 hits) (09/23/2013 02:59:03 PM)
15	9	1.0	333.0	Yes	5492.0MHz, -63.0dBm	Hop sequence: 5257, 5444, 5566, 5610, 5361, 5408, 5430, 5453, 5596, 5539, 5309, 5607, 5710, 5677, 5404, 5576, 5530, 5380, 5382, 5319, 5690, 5646, 5644, 5338, 5716, 5643, 5346, 5353, 5619, 5359, 5547, 5562, 5291, 5270, 5391, 5524, 5301, 5640, 5491, 5542, 5509, 5553, 5457, 5521, 5587, 5712, 5626, 5568, 5470, 5278, 5504, 5433, 5381,

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5492, 5434, 5252, 5356, 5254, 5460, 5310, 5259, 5447, 5704, 5663, 5296, 5519, 5559, 5474, 5638, 5325, 5564, 5272, 5412, 5665, 5590, 5493, 5431, 5276, 5395, 5672, 5706, 5425, 5320, 5685, 5529, 5332, 5503, 5396, 5593, 5350, 5443, 5473, 5679, 5462, 5322, 5696, 5531, 5479, 5701, 5691 (7 hits) (09/23/2013 02:59:22 PM)
16	9	1.0	333.0	Yes	5493.0MHz, -63.0dBm	Hop sequence: 5350, 5594, 5577, 5377, 5425, 5466, 5407, 5268, 5255, 5652, 5468, 5575, 5495, 5339, 5347, 5499, 5422, 5567, 5712, 5363, 5489, 5306, 5700, 5280, 5250, 5391, 5692, 5606, 5641, 5624, 5545, 5310, 5416, 5500, 5690, 5607, 5558, 5658, 5286, 5565, 5551, 5423, 5346, 5678, 5293, 5381, 5713, 5432, 5388, 5444, 5410, 5491, 5351, 5484, 5457, 5518, 5560, 5673, 5515, 5326, 5582, 5602, 5629, 5585, 5373, 5262, 5411, 5384, 5340, 5563, 5504, 5330, 5359, 5621, 5635, 5429, 5521, 5399, 5505, 5639, 5610, 5334, 5396, 5530, 5446, 5720, 5646, 5512, 5343, 5313, 5589, 5617, 5382, 5481, 5342, 5472, 5289, 5536, 5562, 5684 (12 hits) (09/23/2013 02:59:34 PM)
17	9	1.0	333.0	Yes	5494.0MHz, -63.0dBm	Hop sequence: 5600, 5291, 5526, 5299, 5320, 5262, 5510, 5514, 5565, 5278, 5725, 5374, 5481, 5492, 5623, 5619, 5577, 5466, 5474, 5406, 5721, 5704, 5411, 5687, 5335, 5424, 5649, 5301, 5506, 5582, 5376, 5690, 5394, 5613, 5312, 5547, 5537, 5396, 5515, 5504, 5695, 5337, 5447, 5676, 5609, 5371, 5607, 5714, 5297, 5654, 5294, 5698, 5644, 5260, 5519, 5369, 5656, 5265, 5575, 5602, 5568, 5389, 5648, 5467, 5516, 5327, 5419, 5269, 5375, 5639, 5710, 5338, 5372, 5591, 5560, 5289, 5486, 5273, 5599, 5652, 5444, 5630, 5349, 5336, 5505, 5455, 5583, 5572, 5423, 5679, 5331, 5558, 5551, 5489, 5584, 5680, 5437, 5664, 5281, 5435 (12 hits) (09/23/2013 02:59:44 PM)

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
18	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5284, 5296, 5417, 5380, 5451, 5540, 5369, 5613, 5614, 5666, 5511, 5541, 5477, 5308, 5351, 5638, 5642, 5482, 5463, 5724, 5441, 5683, 5702, 5371, 5577, 5362, 5687, 5632, 5707, 5267, 5271, 5305, 5606, 5341, 5442, 5658, 5622, 5430, 5655, 5704, 5392, 5328, 5285, 5680, 5553, 5585, 5669, 5338, 5705, 5533, 5433, 5519, 5344, 5715, 5443, 5389, 5286, 5594, 5476, 5473, 5420, 5593, 5691, 5469, 5506, 5432, 5313, 5626, 5620, 5568, 5605, 5471, 5531, 5288, 5505, 5550, 5370, 5512, 5298, 5405, 5609, 5536, 5561, 5342, 5522, 5307, 5395, 5278, 5484, 5277, 5410, 5454, 5294, 5567, 5470, 5507, 5409, 5488, 5538, 5696 (9 hits) (09/23/2013 02:59:55 PM)
19	9	1.0	333.0	Yes	5496.0MHz, -63.0dBm	Hop sequence: 5435, 5724, 5391, 5264, 5666, 5519, 5682, 5379, 5437, 5451, 5620, 5688, 5677, 5274, 5321, 5596, 5349, 5276, 5261, 5266, 5481, 5603, 5412, 5625, 5284, 5352, 5479, 5450, 5357, 5483, 5285, 5354, 5312, 5337, 5588, 5669, 5273, 5604, 5574, 5638, 5257, 5406, 5255, 5353, 5522, 5560, 5578, 5342, 5531, 5643, 5523, 5659, 5364, 5465, 5619, 5287, 5667, 5508, 5499, 5480, 5462, 5392, 5290, 5388, 5586, 5622, 5314, 5430, 5280, 5460, 5434, 5286, 5542, 5577, 5714, 5503, 5348, 5517, 5709, 5710, 5595, 5356, 5613, 5300, 5390, 5448, 5260, 5408, 5401, 5608, 5708, 5664, 5521, 5372, 5561, 5370, 5427, 5642, 5301, 5616 (8 hits) (09/23/2013 03:00:06 PM)
20	9	1.0	333.0	Yes	5497.0MHz, -63.0dBm	Hop sequence: 5353, 5636, 5260, 5521, 5539, 5402, 5715, 5256, 5543, 5634, 5724, 5622, 5250, 5720, 5434, 5681, 5363, 5605, 5252, 5576, 5610, 5268, 5403, 5637, 5352, 5509, 5397, 5357, 5721, 5464, 5323, 5656, 5335, 5415, 5325, 5425, 5602, 5257, 5579, 5370, 5589, 5296, 5500, 5542, 5617, 5608, 5383, 5292, 5562, 5417, 5440, 5609, 5407,

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5261, 5267, 5310, 5456, 5525, 5679, 5544, 5387, 5492, 5433, 5502, 5291, 5482, 5413, 5490, 5572, 5494, 5271, 5342, 5364, 5389, 5356, 5328, 5315, 5253, 5505, 5629, 5351, 5640, 5671, 5396, 5293, 5575, 5480, 5380, 5517, 5400, 5556, 5276, 5684, 5379, 5284, 5655, 5561, 5487, 5345, 5541 (11 hits) (09/23/2013 03:00:20 PM)
21	9	1.0	333.0	Yes	5498.0MHz, -63.0dBm	Hop sequence: 5388, 5429, 5250, 5447, 5649, 5304, 5424, 5676, 5317, 5514, 5472, 5361, 5484, 5461, 5308, 5319, 5266, 5696, 5442, 5523, 5348, 5370, 5724, 5378, 5481, 5545, 5693, 5634, 5524, 5595, 5512, 5253, 5305, 5715, 5350, 5631, 5474, 5679, 5439, 5415, 5283, 5592, 5619, 5349, 5377, 5530, 5391, 5630, 5255, 5504, 5594, 5573, 5610, 5508, 5303, 5395, 5540, 5639, 5616, 5664, 5281, 5543, 5411, 5501, 5289, 5722, 5651, 5511, 5582, 5264, 5459, 5293, 5351, 5625, 5294, 5397, 5332, 5428, 5566, 5360, 5602, 5607, 5519, 5482, 5300, 5296, 5688, 5422, 5328, 5704, 5486, 5636, 5565, 5713, 5568, 5717, 5435, 5503, 5440, 5618 (12 hits) (09/23/2013 03:00:30 PM)
22	9	1.0	333.0	Yes	5499.0MHz, -63.0dBm	Hop sequence: 5644, 5333, 5665, 5264, 5648, 5562, 5280, 5396, 5409, 5434, 5320, 5334, 5325, 5584, 5678, 5606, 5356, 5705, 5563, 5645, 5315, 5480, 5266, 5447, 5357, 5717, 5453, 5252, 5596, 5649, 5633, 5610, 5467, 5656, 5340, 5349, 5549, 5347, 5580, 5547, 5433, 5538, 5284, 5428, 5521, 5672, 5370, 5660, 5435, 5565, 5586, 5509, 5540, 5461, 5677, 5655, 5564, 5345, 5587, 5287, 5425, 5487, 5364, 5569, 5658, 5464, 5268, 5293, 5459, 5294, 5331, 5683, 5302, 5613, 5444, 5716, 5688, 5707, 5524, 5355, 5288, 5405, 5666, 5296, 5471, 5460, 5704, 5501, 5344, 5626, 5534, 5303, 5551, 5328, 5450, 5719, 5299, 5439, 5393, 5718 (4 hits) (09/23/2013 03:00:40 PM)

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
23	9	1.0	333.0	Yes	5500.0MHz, -63.0dBm	Hop sequence: 5625, 5541, 5260, 5672, 5597, 5706, 5656, 5680, 5307, 5630, 5621, 5570, 5353, 5599, 5488, 5331, 5321, 5421, 5297, 5356, 5511, 5285, 5432, 5546, 5708, 5461, 5354, 5662, 5531, 5601, 5499, 5634, 5660, 5564, 5398, 5627, 5278, 5640, 5684, 5400, 5681, 5577, 5347, 5532, 5387, 5540, 5707, 5284, 5253, 5315, 5265, 5703, 5300, 5598, 5357, 5463, 5683, 5467, 5448, 5465, 5492, 5251, 5411, 5704, 5721, 5646, 5443, 5519, 5536, 5404, 5496, 5520, 5699, 5631, 5296, 5295, 5323, 5349, 5478, 5633, 5498, 5592, 5343, 5485, 5668, 5303, 5516, 5324, 5292, 5510, 5424, 5679, 5544, 5442, 5574, 5618, 5457, 5612, 5402, 5655 (11 hits) (09/23/2013 03:00:51 PM)
24	9	1.0	333.0	Yes	5501.0MHz, -63.0dBm	Hop sequence: 5474, 5494, 5664, 5575, 5332, 5338, 5362, 5442, 5389, 5705, 5701, 5440, 5646, 5472, 5507, 5725, 5406, 5427, 5373, 5323, 5298, 5660, 5694, 5421, 5334, 5441, 5578, 5465, 5576, 5343, 5414, 5568, 5446, 5714, 5566, 5466, 5451, 5543, 5553, 5423, 5408, 5380, 5259, 5689, 5678, 5499, 5559, 5291, 5489, 5501, 5307, 5353, 5718, 5269, 5492, 5250, 5405, 5620, 5276, 5497, 5527, 5476, 5671, 5351, 5569, 5404, 5283, 5506, 5403, 5398, 5500, 5286, 5695, 5358, 5340, 5681, 5547, 5715, 5409, 5558, 5616, 5326, 5419, 5390, 5301, 5467, 5484, 5468, 5310, 5314, 5682, 5318, 5324, 5724, 5550, 5386, 5311, 5455, 5255, 5522 (10 hits) (09/23/2013 03:01:01 PM)
25	9	1.0	333.0	Yes	5502.0MHz, -63.0dBm	Hop sequence: 5564, 5607, 5709, 5446, 5663, 5495, 5479, 5272, 5267, 5678, 5397, 5338, 5337, 5574, 5638, 5671, 5489, 5619, 5577, 5637, 5626, 5519, 5309, 5710, 5357, 5344, 5481, 5411, 5417, 5402, 5506, 5383, 5259, 5673, 5346, 5541, 5691, 5605, 5613, 5649, 5696, 5427, 5429, 5660, 5554, 5387, 5394, 5694, 5425, 5303, 5323, 5332, 5374,

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5295, 5285, 5659, 5549, 5616, 5692, 5511, 5700, 5336, 5491, 5363, 5725, 5705, 5512, 5366, 5279, 5298, 5515, 5724, 5454, 5524, 5699, 5294, 5434, 5296, 5580, 5472, 5542, 5398, 5256, 5302, 5299, 5395, 5328, 5664, 5531, 5569, 5604, 5572, 5343, 5634, 5277, 5723, 5552, 5516, 5350, 5621 (10 hits) (09/23/2013 03:01:16 PM)
26	9	1.0	333.0	Yes	5503.0MHz, -63.0dBm	Hop sequence: 5279, 5379, 5507, 5618, 5284, 5404, 5538, 5513, 5547, 5456, 5343, 5530, 5489, 5503, 5370, 5472, 5509, 5528, 5643, 5540, 5368, 5559, 5339, 5347, 5448, 5318, 5497, 5252, 5470, 5720, 5298, 5692, 5365, 5612, 5550, 5673, 5634, 5607, 5651, 5500, 5431, 5255, 5441, 5418, 5529, 5492, 5661, 5479, 5325, 5642, 5653, 5490, 5264, 5572, 5574, 5450, 5649, 5644, 5546, 5664, 5293, 5716, 5443, 5306, 5337, 5402, 5251, 5700, 5385, 5582, 5493, 5358, 5705, 5680, 5414, 5686, 5594, 5580, 5340, 5464, 5283, 5439, 5364, 5627, 5311, 5375, 5444, 5297, 5286, 5669, 5573, 5457, 5254, 5654, 5710, 5332, 5652, 5317, 5411, 5384 (10 hits) (09/23/2013 03:01:28 PM)
27	9	1.0	333.0	Yes	5504.0MHz, -63.0dBm	Hop sequence: 5397, 5423, 5500, 5455, 5372, 5576, 5614, 5601, 5339, 5475, 5592, 5402, 5335, 5667, 5611, 5525, 5351, 5442, 5273, 5682, 5391, 5586, 5353, 5602, 5724, 5643, 5322, 5422, 5695, 5647, 5361, 5652, 5378, 5660, 5445, 5376, 5659, 5716, 5489, 5717, 5704, 5462, 5284, 5279, 5333, 5296, 5698, 5383, 5392, 5537, 5398, 5687, 5299, 5637, 5528, 5524, 5693, 5663, 5426, 5452, 5375, 5480, 5571, 5428, 5471, 5708, 5552, 5497, 5269, 5506, 5560, 5551, 5311, 5510, 5694, 5585, 5407, 5474, 5278, 5507, 5294, 5567, 5472, 5547, 5457, 5486, 5305, 5538, 5271, 5330, 5469, 5669, 5301, 5460, 5255, 5596, 5257, 5502, 5346, 5572 (9 hits) (09/23/2013 03:01:49 PM)

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
28	9	1.0	333.0	Yes	5505.0MHz, -63.0dBm	Hop sequence: 5461, 5677, 5441, 5482, 5513, 5521, 5280, 5524, 5399, 5604, 5262, 5710, 5328, 5690, 5318, 5384, 5654, 5402, 5472, 5329, 5568, 5355, 5596, 5684, 5498, 5406, 5691, 5514, 5314, 5336, 5348, 5581, 5418, 5534, 5703, 5294, 5370, 5616, 5307, 5301, 5457, 5391, 5453, 5643, 5599, 5686, 5278, 5563, 5393, 5476, 5300, 5470, 5612, 5576, 5659, 5292, 5436, 5473, 5387, 5689, 5373, 5618, 5468, 5398, 5489, 5330, 5701, 5720, 5250, 5305, 5297, 5582, 5580, 5372, 5561, 5299, 5630, 5323, 5708, 5505, 5512, 5574, 5459, 5509, 5562, 5266, 5715, 5625, 5501, 5342, 5623, 5587, 5575, 5437, 5543, 5545, 5644, 5567, 5718, 5517 (10 hits) (09/23/2013 03:02:02 PM)
29	9	1.0	333.0	Yes	5506.0MHz, -63.0dBm	Hop sequence: 5619, 5337, 5448, 5267, 5298, 5473, 5687, 5629, 5683, 5474, 5726, 5327, 5289, 5443, 5410, 5424, 5478, 5441, 5275, 5384, 5547, 5546, 5496, 5642, 5538, 5398, 5477, 5414, 5621, 5654, 5630, 5278, 5334, 5476, 5385, 5604, 5341, 5541, 5613, 5367, 5576, 5516, 5585, 5510, 5265, 5479, 5299, 5482, 5698, 5343, 5261, 5361, 5624, 5549, 5268, 5373, 5648, 5309, 5592, 5260, 5336, 5255, 5405, 5440, 5430, 5528, 5498, 5494, 5578, 5345, 5415, 5497, 5644, 5376, 5328, 5695, 5535, 5269, 5439, 5702, 5433, 5454, 5281, 5394, 5691, 5362, 5724, 5286, 5464, 5401, 5311, 5627, 5323, 5380, 5321, 5480, 5363, 5652, 5277, 5302 (8 hits) (09/23/2013 03:02:13 PM)
30	9	1.0	333.0	Yes	5507.0MHz, -63.0dBm	Hop sequence: 5416, 5300, 5702, 5455, 5384, 5462, 5388, 5516, 5374, 5665, 5532, 5661, 5327, 5633, 5369, 5430, 5444, 5334, 5678, 5643, 5580, 5611, 5695, 5474, 5267, 5584, 5524, 5448, 5347, 5346, 5468, 5439, 5552, 5610, 5654, 5562, 5488, 5308, 5565, 5294, 5626, 5514, 5573, 5471, 5453, 5587, 5571, 5376, 5674, 5544, 5508, 5348, 5723,

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5423, 5324, 5458, 5411, 5397, 5676, 5438, 5713, 5707, 5569, 5538, 5357, 5296, 5418, 5719, 5595, 5381, 5299, 5303, 5526, 5725, 5433, 5380, 5635, 5608, 5724, 5253, 5408, 5518, 5699, 5314, 5632, 5625, 5646, 5634, 5589, 5664, 5362, 5305, 5434, 5452, 5460, 5688, 5364, 5291, 5255, 5355 (5 hits) (09/23/2013 03:02:25 PM)
31	9	1.0	333.0	Yes	5508.0MHz, -63.0dBm	Hop sequence: 5404, 5621, 5352, 5323, 5508, 5683, 5444, 5503, 5312, 5524, 5374, 5681, 5291, 5603, 5566, 5664, 5584, 5688, 5649, 5703, 5498, 5692, 5350, 5397, 5515, 5341, 5259, 5606, 5434, 5314, 5308, 5282, 5301, 5379, 5610, 5457, 5674, 5590, 5671, 5632, 5539, 5489, 5365, 5257, 5518, 5666, 5527, 5535, 5400, 5285, 5485, 5424, 5369, 5452, 5358, 5368, 5431, 5410, 5449, 5510, 5680, 5638, 5595, 5326, 5523, 5271, 5462, 5690, 5300, 5281, 5310, 5427, 5309, 5292, 5707, 5386, 5375, 5563, 5253, 5556, 5522, 5677, 5635, 5672, 5576, 5706, 5550, 5378, 5629, 5502, 5388, 5346, 5513, 5409, 5667, 5501, 5339, 5641, 5611, 5561 (11 hits) (09/23/2013 03:02:37 PM)
32	9	1.0	333.0	Yes	5509.0MHz, -63.0dBm	Hop sequence: 5697, 5318, 5570, 5439, 5569, 5496, 5558, 5413, 5657, 5284, 5459, 5398, 5462, 5254, 5564, 5273, 5507, 5420, 5304, 5556, 5369, 5407, 5396, 5678, 5640, 5612, 5339, 5490, 5453, 5557, 5509, 5688, 5270, 5269, 5671, 5288, 5337, 5295, 5333, 5393, 5394, 5272, 5604, 5460, 5695, 5702, 5334, 5397, 5725, 5461, 5580, 5571, 5406, 5440, 5383, 5622, 5438, 5724, 5708, 5617, 5263, 5649, 5294, 5676, 5283, 5506, 5677, 5599, 5591, 5537, 5344, 5656, 5669, 5386, 5610, 5307, 5373, 5445, 5436, 5312, 5575, 5368, 5382, 5498, 5700, 5713, 5455, 5362, 5594, 5523, 5328, 5666, 5468, 5541, 5632, 5603, 5293, 5289, 5403, 5525 (6 hits) (09/23/2013 03:02:46 PM)

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
33	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5504, 5567, 5415, 5310, 5579, 5363, 5506, 5410, 5629, 5581, 5674, 5444, 5449, 5688, 5519, 5499, 5336, 5591, 5332, 5489, 5648, 5643, 5358, 5317, 5254, 5657, 5477, 5623, 5601, 5553, 5452, 5412, 5611, 5667, 5450, 5431, 5285, 5334, 5640, 5263, 5651, 5691, 5400, 5613, 5323, 5618, 5660, 5615, 5669, 5339, 5685, 5583, 5564, 5547, 5511, 5319, 5448, 5517, 5347, 5397, 5267, 5559, 5349, 5374, 5531, 5308, 5596, 5654, 5276, 5639, 5587, 5705, 5281, 5375, 5573, 5291, 5571, 5554, 5361, 5534, 5635, 5362, 5520, 5266, 5459, 5590, 5694, 5432, 5474, 5258, 5716, 5399, 5421, 5560, 5682, 5279, 5311, 5307, 5620, 5595 (8 hits) (09/23/2013 03:02:59 PM)
34	9	1.0	333.0	Yes	5511.0MHz, -63.0dBm	Hop sequence: 5404, 5428, 5394, 5705, 5601, 5581, 5309, 5637, 5592, 5673, 5432, 5606, 5410, 5471, 5539, 5343, 5469, 5518, 5350, 5403, 5462, 5510, 5472, 5701, 5317, 5624, 5672, 5704, 5465, 5342, 5279, 5613, 5586, 5316, 5683, 5645, 5649, 5515, 5307, 5456, 5372, 5347, 5396, 5483, 5514, 5360, 5512, 5618, 5647, 5460, 5358, 5373, 5715, 5553, 5667, 5308, 5433, 5665, 5689, 5293, 5611, 5511, 5685, 5706, 5481, 5670, 5412, 5263, 5636, 5536, 5272, 5678, 5612, 5315, 5693, 5488, 5521, 5327, 5626, 5532, 5325, 5695, 5662, 5339, 5485, 5493, 5501, 5436, 5505, 5371, 5717, 5535, 5614, 5284, 5621, 5582, 5656, 5639, 5597, 5411 (13 hits) (09/23/2013 03:03:08 PM)
35	9	1.0	333.0	Yes	5512.0MHz, -63.0dBm	Hop sequence: 5499, 5281, 5634, 5309, 5527, 5369, 5266, 5575, 5655, 5443, 5367, 5307, 5393, 5344, 5597, 5316, 5351, 5368, 5251, 5713, 5661, 5411, 5699, 5312, 5261, 5682, 5250, 5697, 5671, 5553, 5619, 5571, 5607, 5296, 5397, 5354, 5586, 5658, 5332, 5576, 5416, 5581, 5609, 5620, 5602, 5686, 5439, 5371, 5628, 5322, 5494, 5460, 5418,

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5464, 5664, 5724, 5477, 5565, 5623, 5395, 5382, 5611, 5348, 5540, 5482, 5548, 5705, 5420, 5638, 5621, 5431, 5572, 5693, 5717, 5644, 5403, 5349, 5334, 5582, 5495, 5647, 5484, 5712, 5579, 5525, 5616, 5437, 5342, 5429, 5656, 5669, 5467, 5441, 5684, 5659, 5695, 5516, 5442, 5531, 5700 (6 hits) (09/23/2013 03:03:19 PM)
36	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5476, 5460, 5354, 5428, 5626, 5710, 5292, 5575, 5645, 5304, 5607, 5726, 5701, 5560, 5528, 5482, 5590, 5319, 5666, 5308, 5619, 5407, 5421, 5568, 5589, 5322, 5650, 5545, 5371, 5281, 5665, 5668, 5548, 5494, 5516, 5593, 5484, 5474, 5587, 5635, 5586, 5555, 5481, 5537, 5324, 5695, 5530, 5321, 5502, 5270, 5469, 5383, 5431, 5662, 5254, 5561, 5267, 5637, 5632, 5640, 5378, 5384, 5373, 5684, 5674, 5284, 5367, 5358, 5314, 5391, 5402, 5286, 5477, 5669, 5521, 5464, 5426, 5456, 5328, 5297, 5346, 5416, 5567, 5678, 5364, 5496, 5504, 5513, 5721, 5282, 5336, 5641, 5506, 5327, 5604, 5501, 5334, 5629, 5362, 5639 (11 hits) (09/23/2013 03:03:28 PM)
37	9	1.0	333.0	Yes	5514.0MHz, -63.0dBm	Hop sequence: 5712, 5564, 5642, 5592, 5506, 5469, 5467, 5567, 5565, 5531, 5461, 5476, 5720, 5354, 5434, 5678, 5437, 5315, 5553, 5563, 5440, 5549, 5666, 5270, 5406, 5453, 5379, 5445, 5442, 5633, 5392, 5644, 5396, 5682, 5589, 5509, 5545, 5630, 5628, 5702, 5421, 5591, 5310, 5272, 5513, 5534, 5278, 5450, 5546, 5285, 5704, 5284, 5398, 5655, 5399, 5703, 5253, 5511, 5669, 5674, 5588, 5617, 5343, 5405, 5661, 5550, 5347, 5404, 5291, 5260, 5582, 5301, 5302, 5364, 5487, 5443, 5387, 5620, 5328, 5560, 5595, 5578, 5435, 5280, 5627, 5636, 5529, 5610, 5721, 5631, 5262, 5307, 5521, 5402, 5598, 5512, 5447, 5634, 5268, 5424 (6 hits) (09/23/2013 03:03:36 PM)

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
38	9	1.0	333.0	Yes	5515.0MHz, -63.0dBm	Hop sequence: 5435, 5581, 5614, 5312, 5541, 5320, 5258, 5583, 5301, 5349, 5690, 5417, 5666, 5534, 5309, 5330, 5365, 5262, 5591, 5394, 5724, 5646, 5584, 5465, 5439, 5546, 5362, 5672, 5251, 5658, 5288, 5620, 5511, 5468, 5561, 5474, 5663, 5346, 5723, 5412, 5323, 5292, 5555, 5662, 5424, 5334, 5700, 5687, 5391, 5718, 5665, 5423, 5634, 5530, 5270, 5540, 5283, 5272, 5451, 5285, 5569, 5495, 5499, 5702, 5261, 5713, 5269, 5489, 5336, 5338, 5404, 5685, 5486, 5450, 5603, 5421, 5519, 5654, 5386, 5281, 5640, 5710, 5549, 5325, 5626, 5480, 5686, 5567, 5639, 5531, 5631, 5497, 5289, 5572, 5582, 5431, 5287, 5568, 5359, 5599 (8 hits) (09/23/2013 03:03:45 PM)
39	9	1.0	333.0	Yes	5516.0MHz, -63.0dBm	Hop sequence: 5708, 5434, 5681, 5505, 5435, 5586, 5537, 5432, 5324, 5364, 5331, 5647, 5416, 5395, 5580, 5368, 5314, 5704, 5701, 5396, 5476, 5652, 5320, 5379, 5479, 5605, 5515, 5521, 5275, 5340, 5251, 5338, 5288, 5674, 5268, 5386, 5670, 5425, 5369, 5436, 5307, 5561, 5415, 5405, 5377, 5358, 5398, 5524, 5394, 5329, 5569, 5609, 5361, 5421, 5465, 5672, 5445, 5264, 5686, 5697, 5564, 5439, 5269, 5486, 5339, 5316, 5606, 5695, 5549, 5581, 5414, 5273, 5542, 5309, 5482, 5407, 5503, 5698, 5600, 5699, 5547, 5664, 5453, 5501, 5645, 5706, 5575, 5715, 5565, 5295, 5496, 5254, 5410, 5536, 5622, 5616, 5687, 5371, 5724, 5638 (7 hits) (09/23/2013 03:03:56 PM)
40	9	1.0	333.0	Yes	5517.0MHz, -63.0dBm	Hop sequence: 5568, 5427, 5587, 5430, 5607, 5711, 5632, 5313, 5294, 5470, 5467, 5346, 5594, 5638, 5545, 5515, 5386, 5700, 5416, 5637, 5440, 5363, 5337, 5366, 5253, 5310, 5570, 5409, 5421, 5338, 5598, 5309, 5591, 5432, 5288, 5304, 5634, 5621, 5613, 5691, 5406, 5285, 5488, 5678, 5640, 5670, 5324, 5639, 5679, 5335, 5413, 5390, 5495,

Table 159 - FCC frequency hopping radar (Type 6) Results 50MHz						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Fr (MHz) and level (dBm)	Burst Information
						5279, 5316, 5524, 5490, 5487, 5720, 5289, 5349, 5652, 5674, 5468, 5344, 5257, 5263, 5649, 5444, 5347, 5318, 5408, 5471, 5665, 5436, 5483, 5527, 5496, 5642, 5479, 5280, 5575, 5687, 5675, 5558, 5531, 5307, 5275, 5341, 5635, 5522, 5716, 5302, 5706, 5690, 5445, 5322, 5666, 5262, 5563 (7 hits) (09/23/2013 03:04:06 PM)
41	9	1.0	333.0	Yes	5518.0MHz, -63.0dBm	Hop sequence: 5441, 5264, 5567, 5680, 5667, 5254, 5499, 5348, 5439, 5592, 5270, 5625, 5693, 5349, 5491, 5341, 5692, 5261, 5473, 5678, 5714, 5563, 5562, 5576, 5651, 5496, 5395, 5654, 5407, 5582, 5467, 5637, 5306, 5321, 5262, 5360, 5319, 5459, 5422, 5553, 5259, 5286, 5338, 5571, 5573, 5599, 5580, 5652, 5533, 5560, 5715, 5716, 5318, 5591, 5402, 5653, 5510, 5495, 5542, 5290, 5642, 5260, 5696, 5448, 5687, 5577, 5342, 5522, 5685, 5393, 5493, 5403, 5377, 5581, 5598, 5272, 5323, 5686, 5343, 5300, 5329, 5365, 5295, 5659, 5436, 5445, 5548, 5502, 5353, 5423, 5589, 5345, 5451, 5269, 5460, 5602, 5310, 5559, 5296, 5612 (7 hits) (09/23/2013 03:04:16 PM)

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

Table 160 - 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 2 (10 MHz)	172.7 ms	60 ms	0.38 s	10 s	Pass
Radar Type 5 (10 MHz)	0 ms	60 ms	0 s	10 s	Pass
Radar Type 2 (20 MHz)	142.9 ms	60 ms	0.77 s	10 s	Pass
Radar Type 5 (20 MHz)	0 ms	60 ms	0 ms	10 s	Pass
Radar Type 2 (40 MHz)	192.0 ms	60 ms	0.39 s	10 s	Pass
Radar Type 5 (40 MHz)	0 ms	60 ms	0 ms	10 s	Pass
Radar Type 2 (50 MHz)	23.2 ms	60 ms	0.22 s	10 s	Pass
Radar Type 5 (50 MHz)	0 ms	60 ms	0 ms	10 s	Pass

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

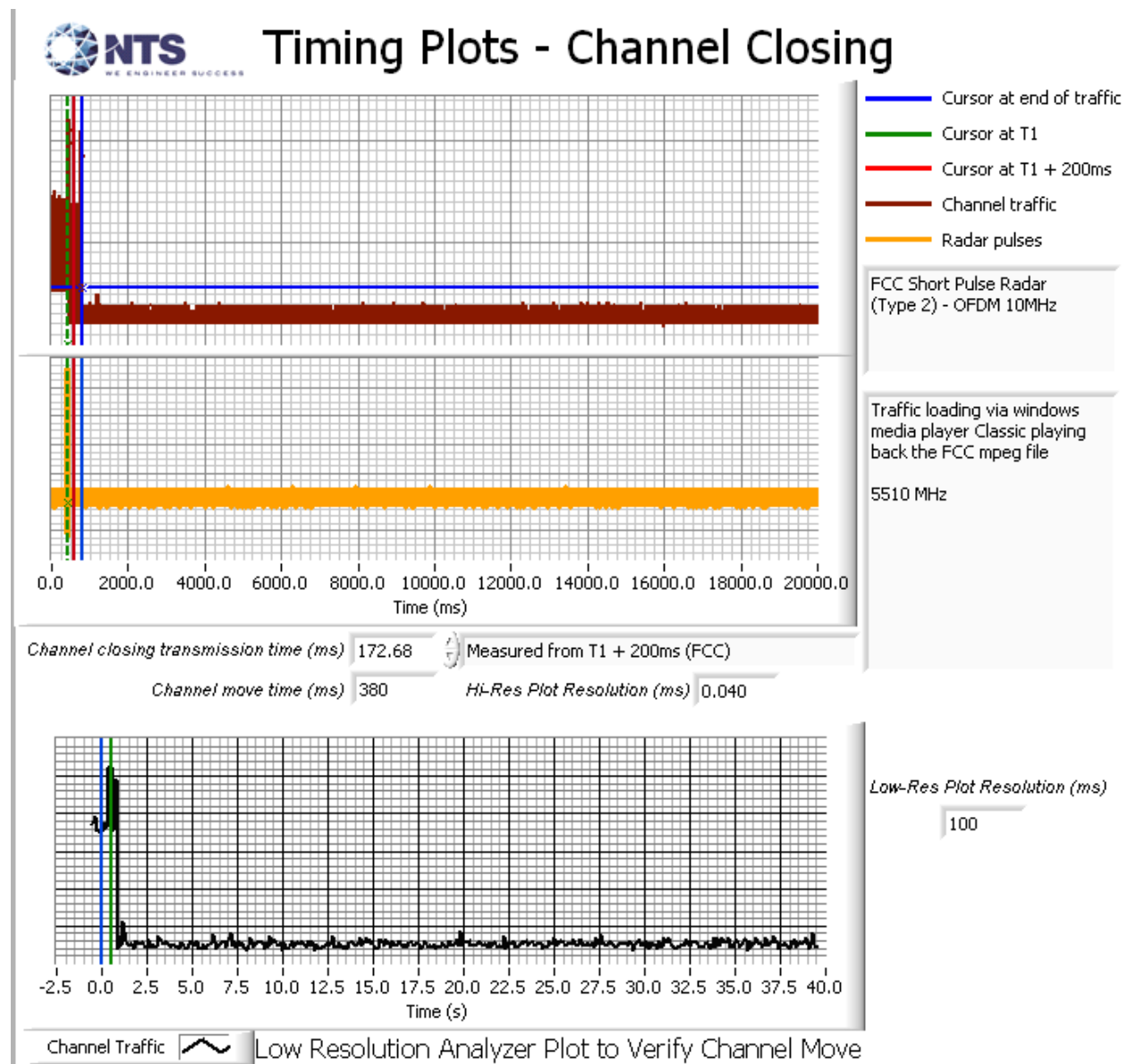


Figure 2 Channel Closing Time and Channel Move Time (10MHz) – 40 second plot

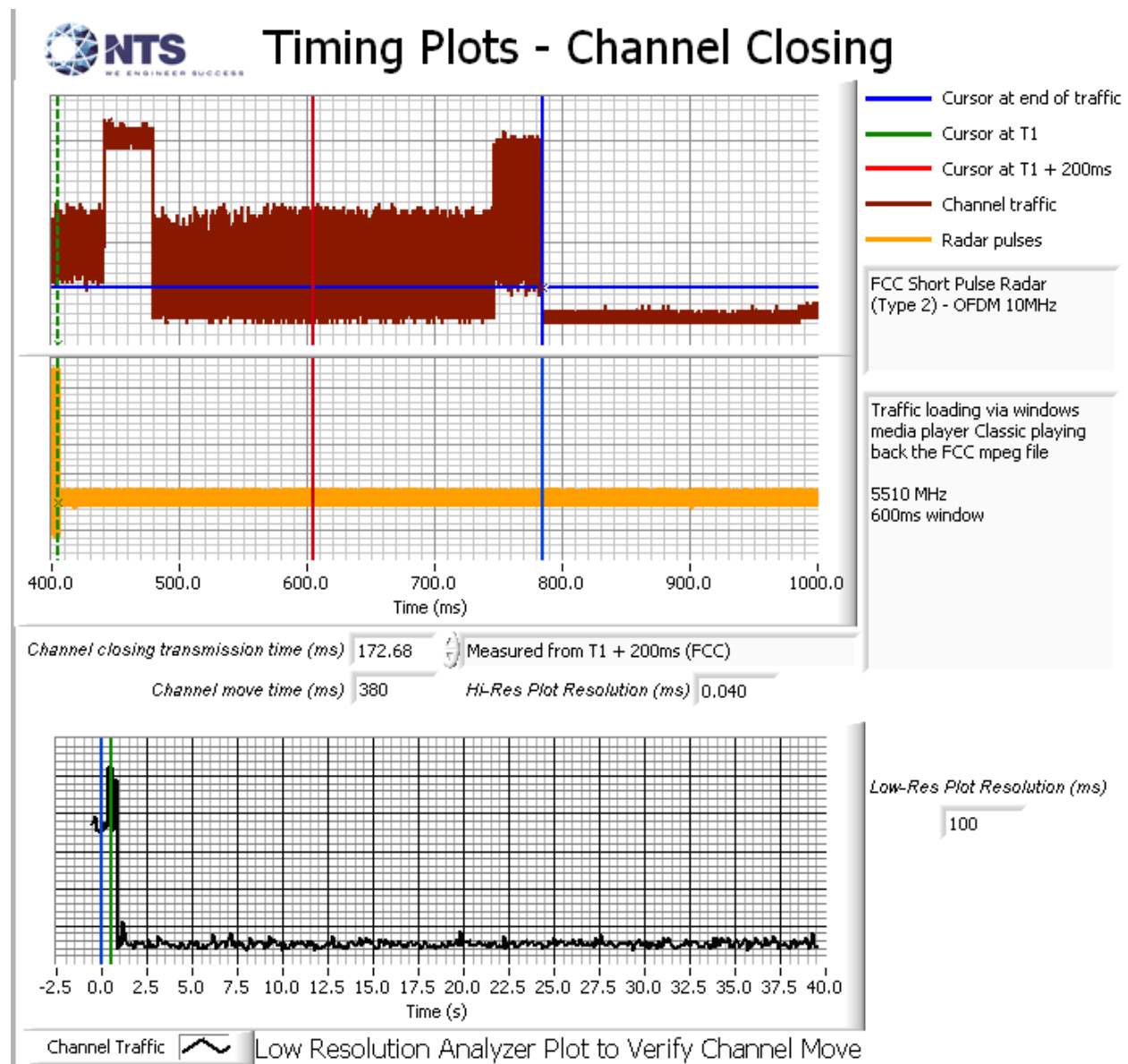


Figure 3 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (10MHz)

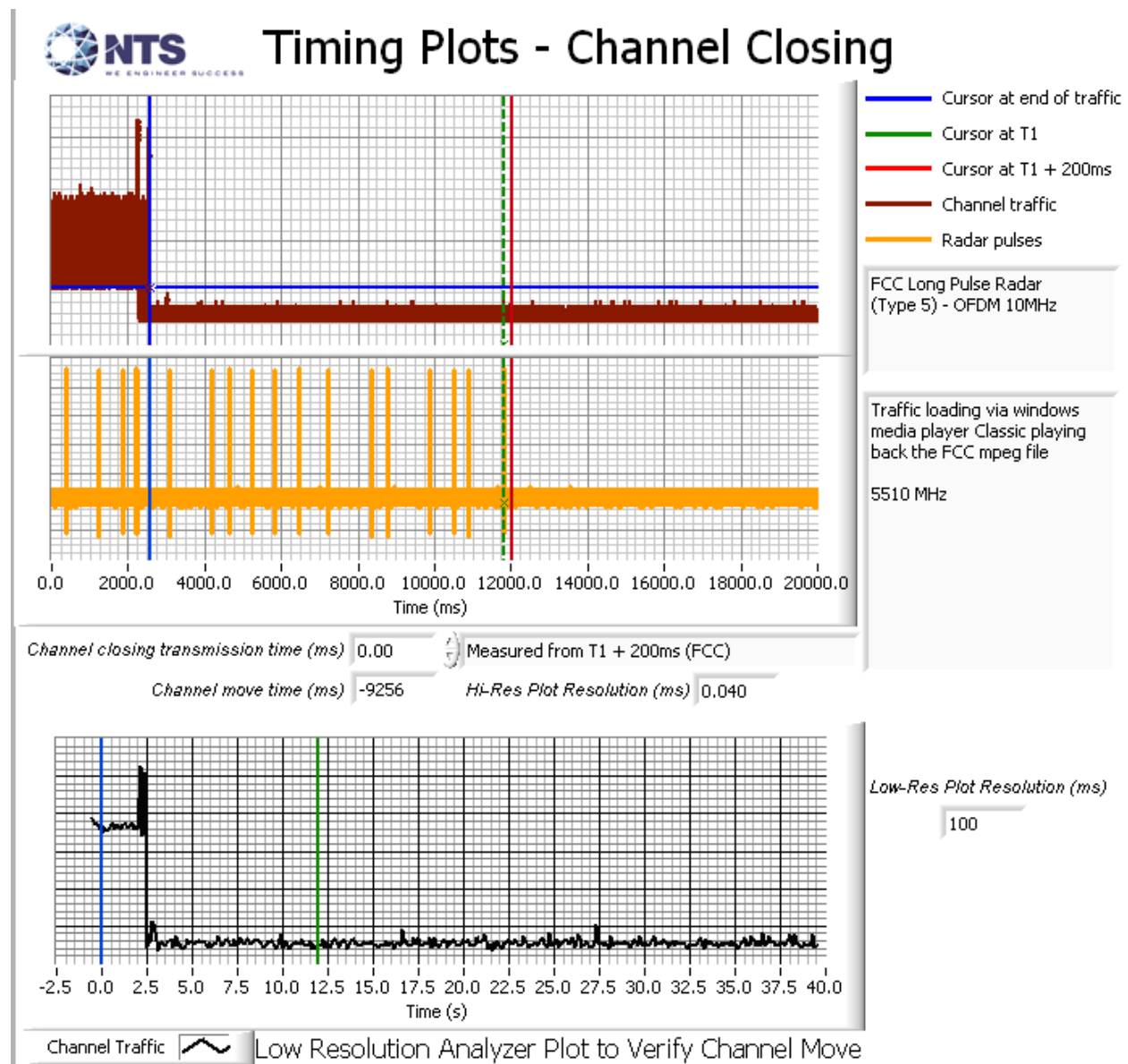


Figure 4 Channel Closing Time and Channel Move Time (10MHz) – 40 second plot

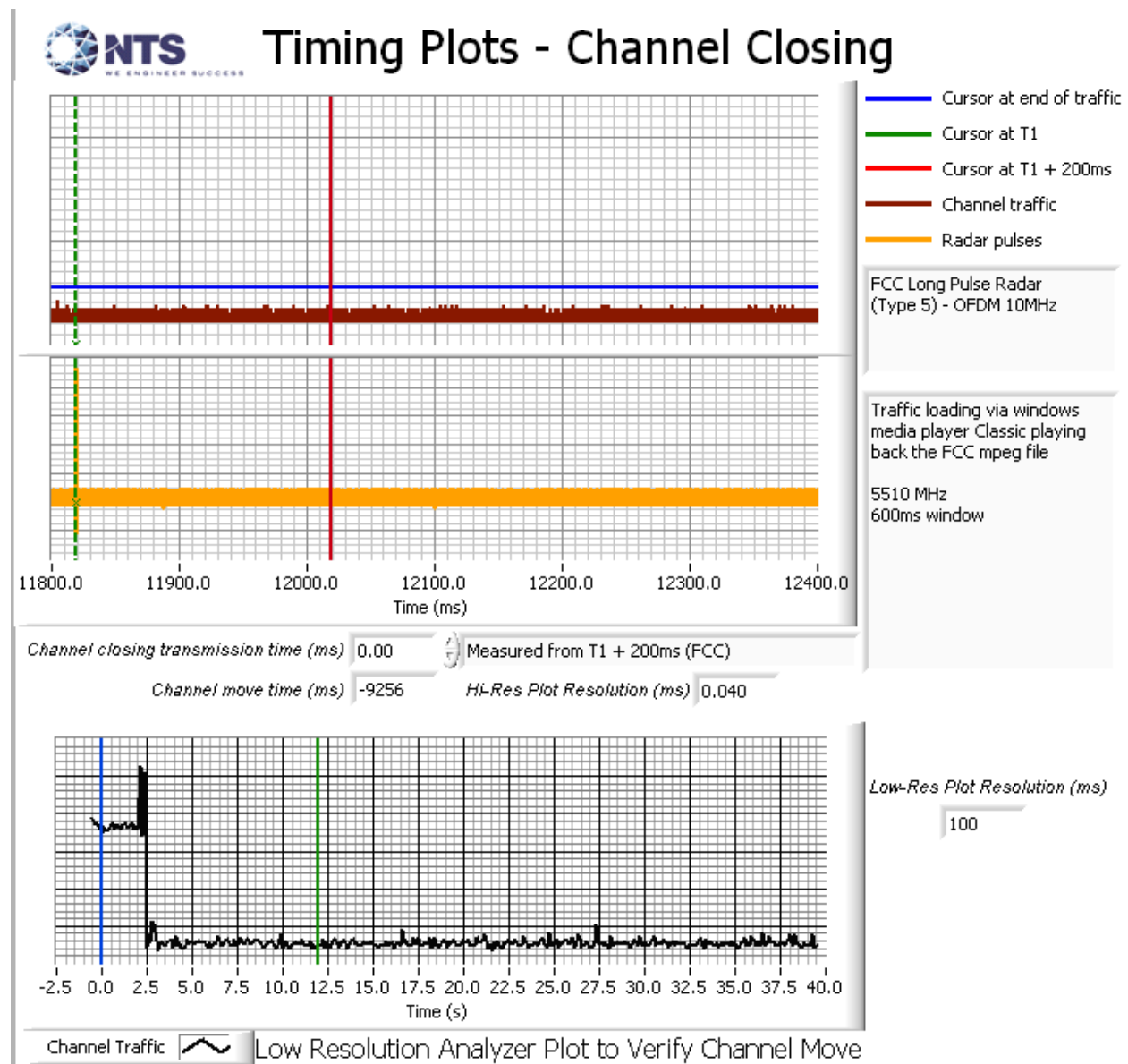


Figure 5 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (10MHz)

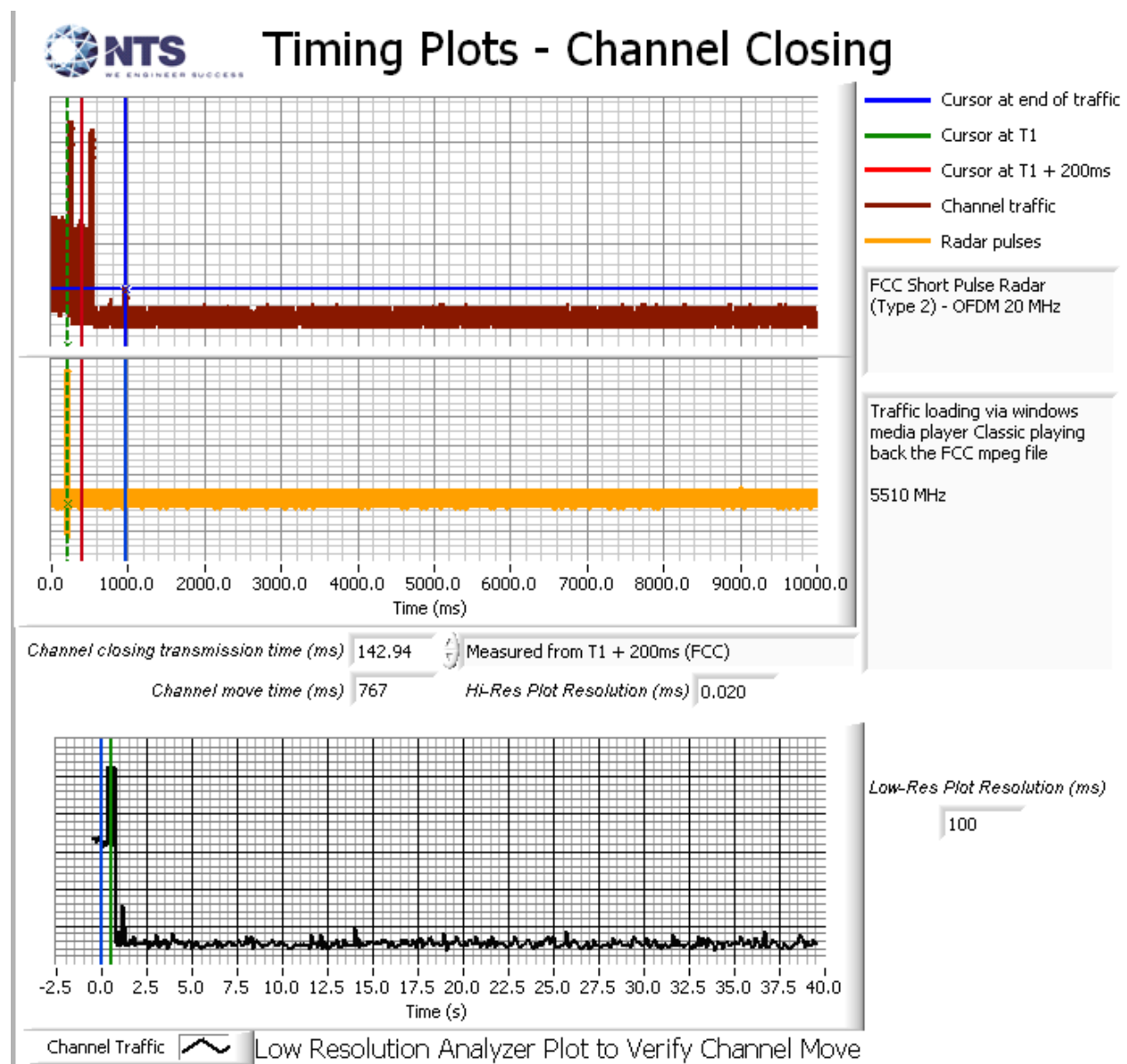


Figure 6 Channel Closing Time and Channel Move Time (20MHz) – 40 second plot

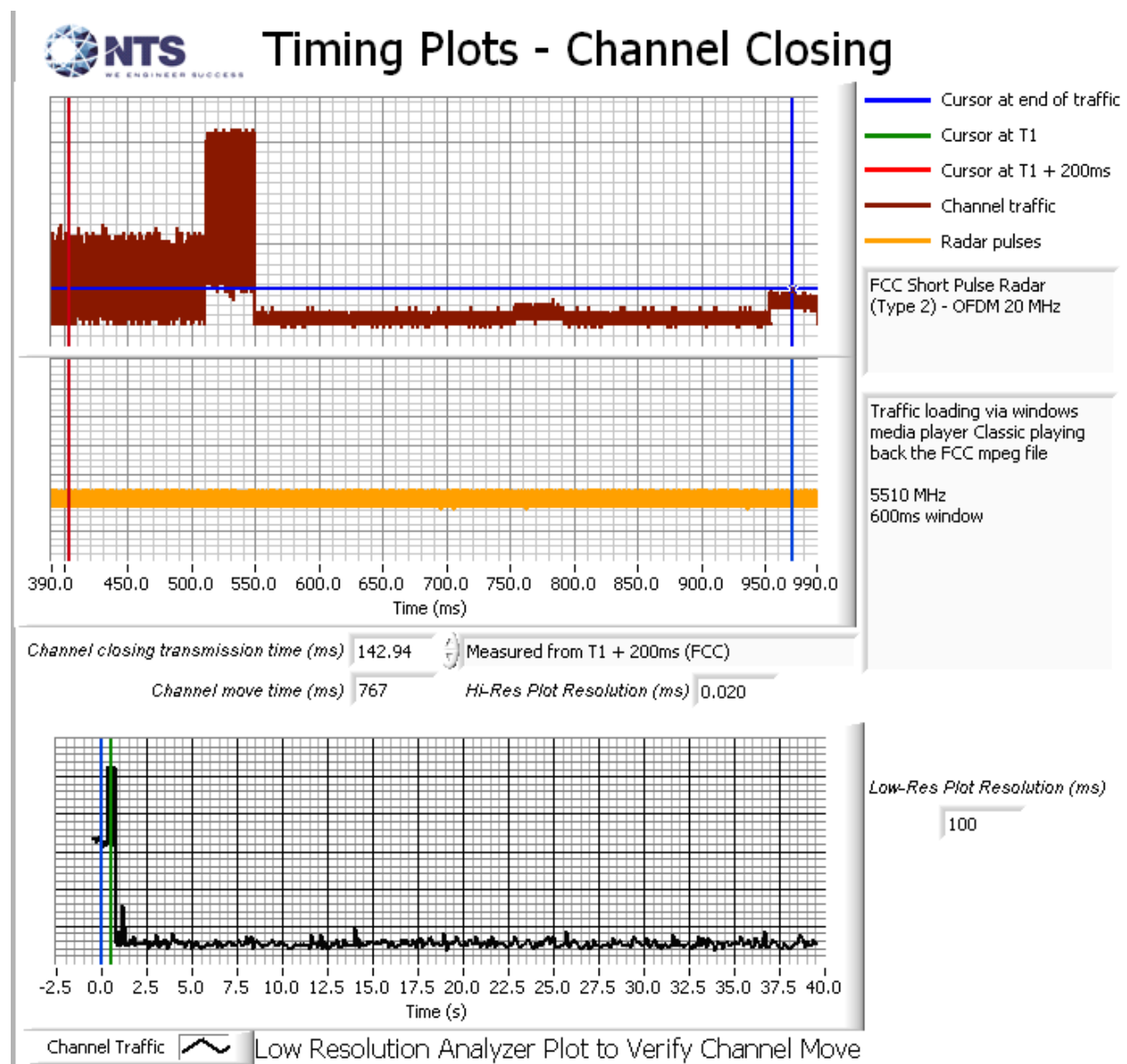


Figure 7 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (20MHz)

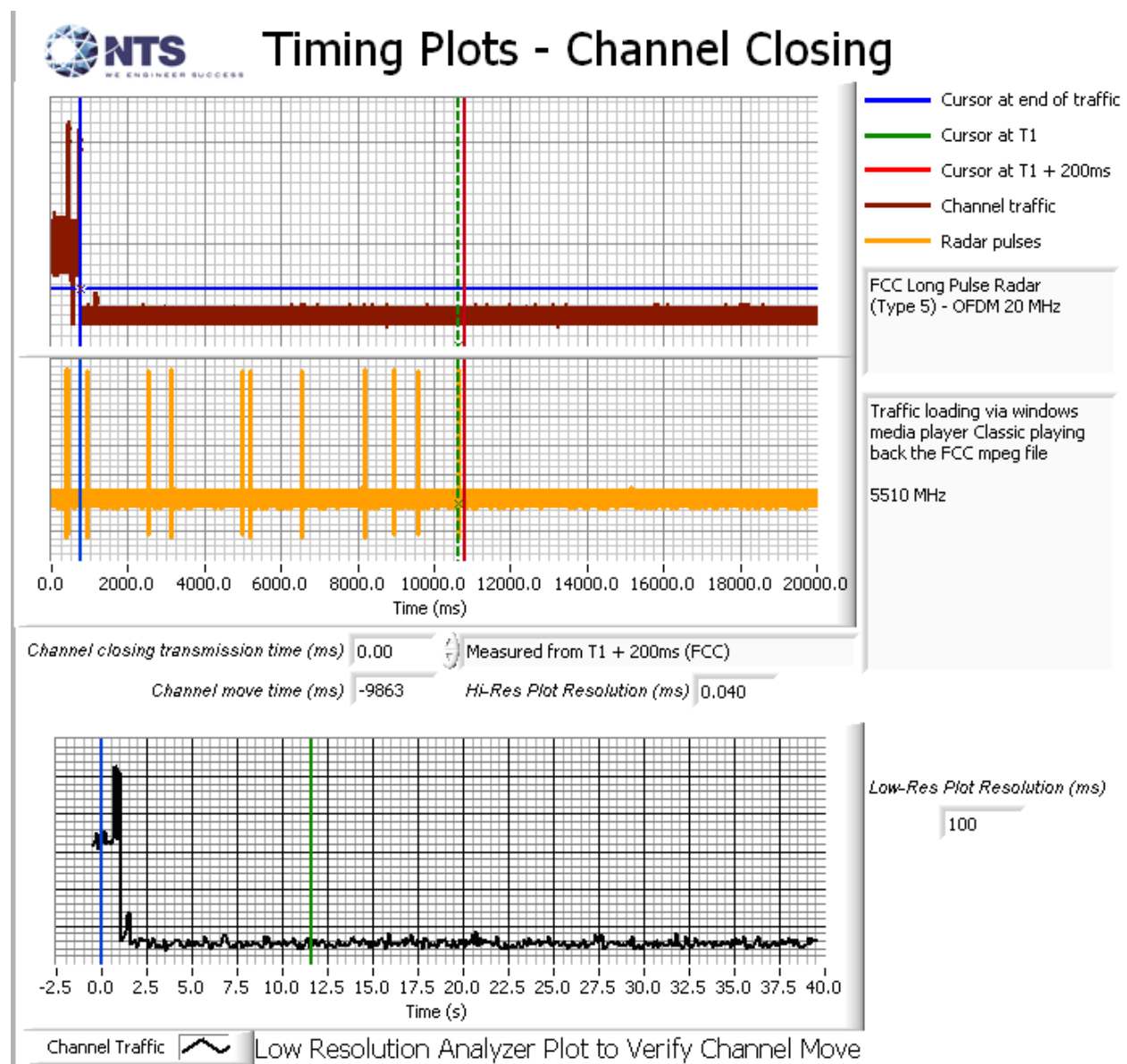


Figure 8 Channel Closing Time and Channel Move Time (20MHz) – 40 second plot

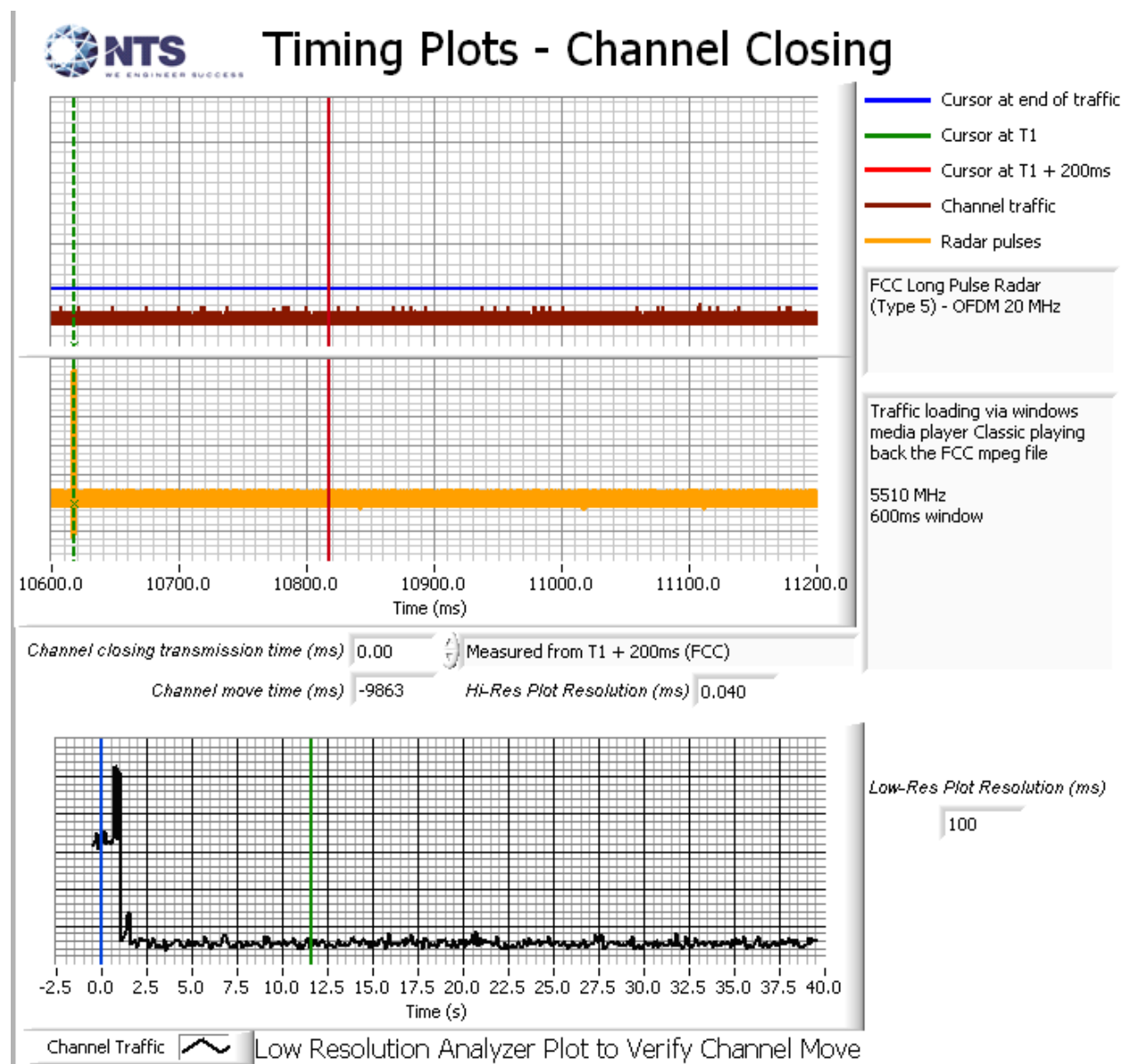


Figure 9 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (20MHz)

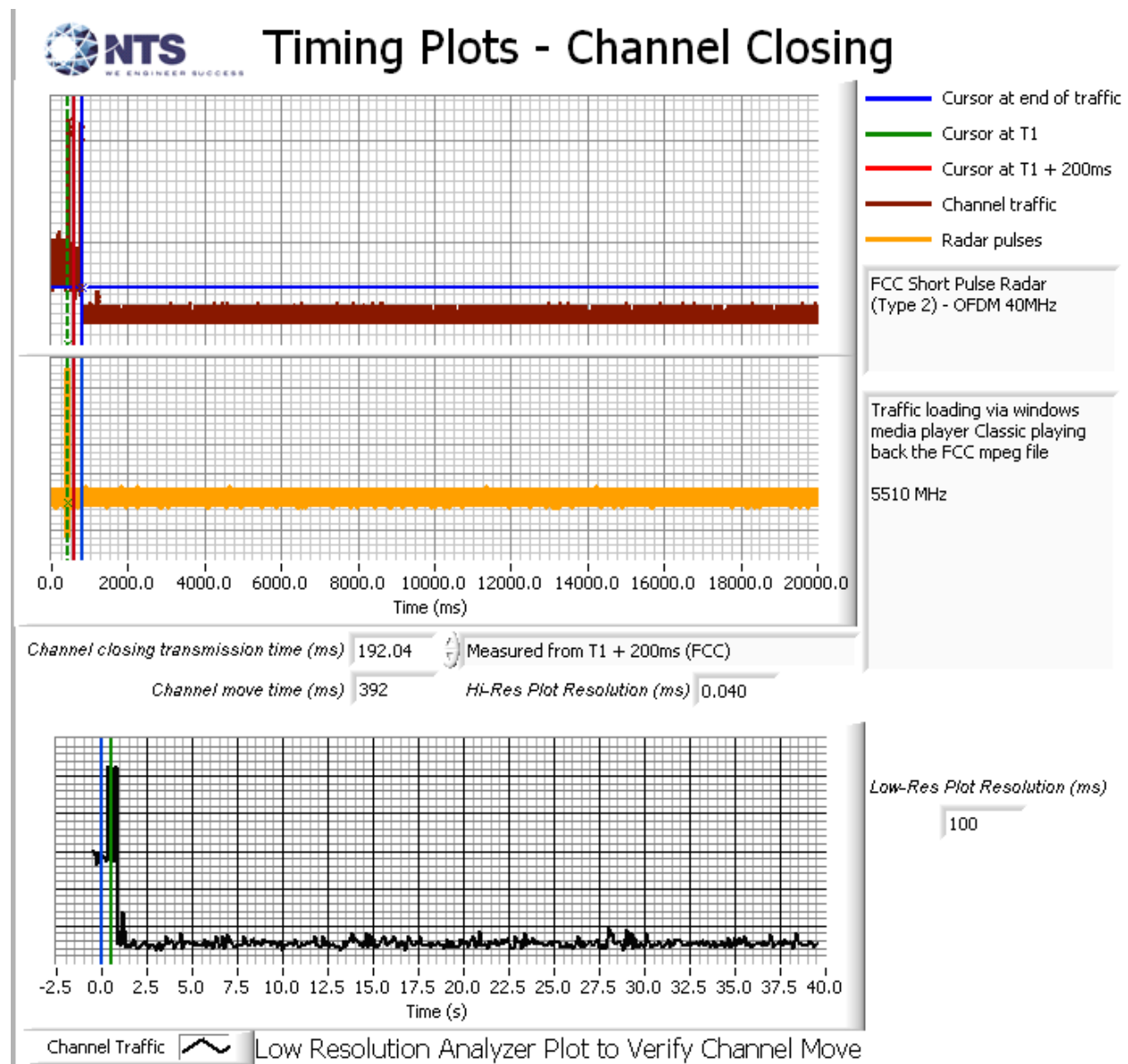


Figure 10 Channel Closing Time and Channel Move Time (40MHz) – 40 second plot

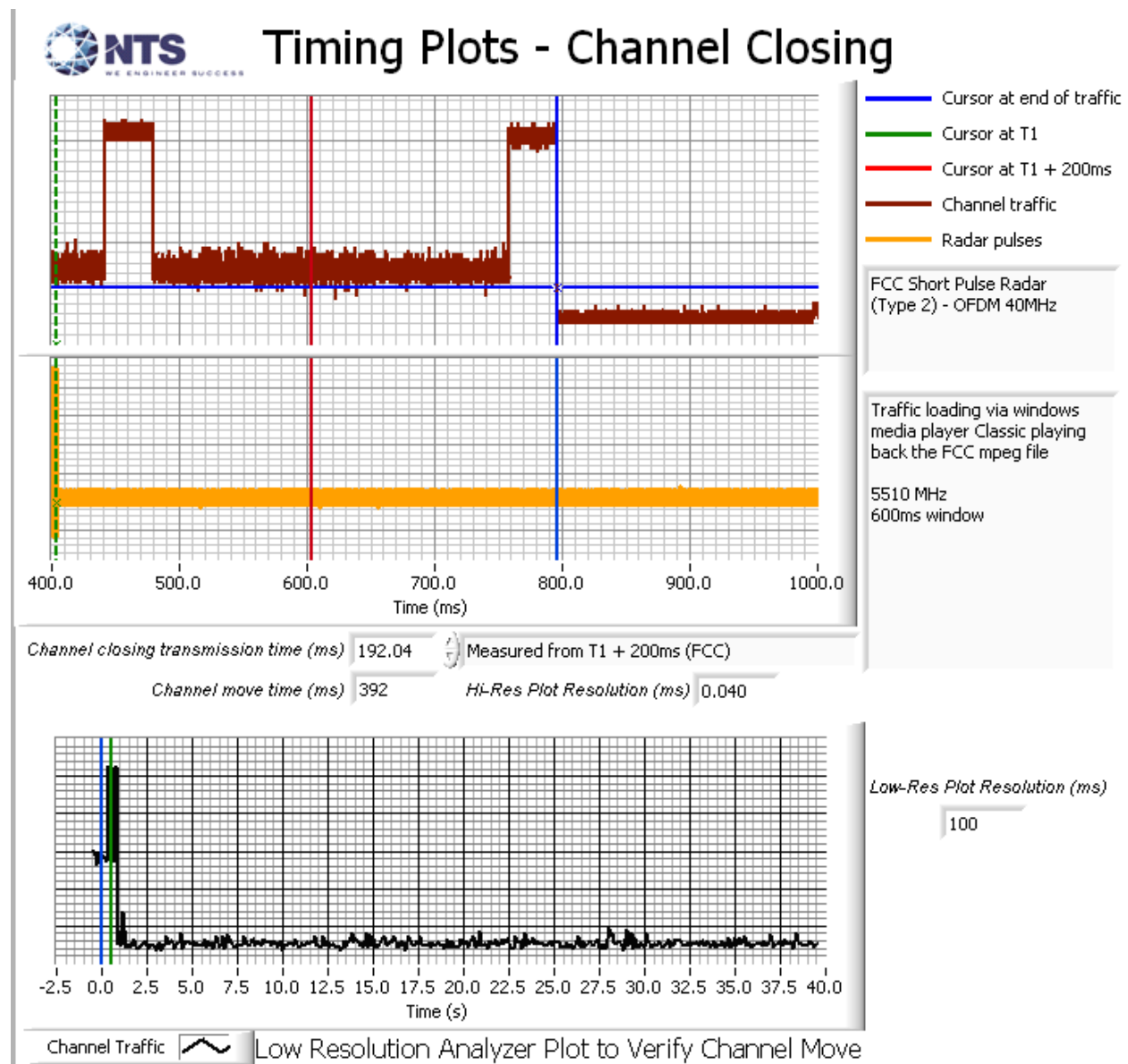


Figure 11 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (40MHz)

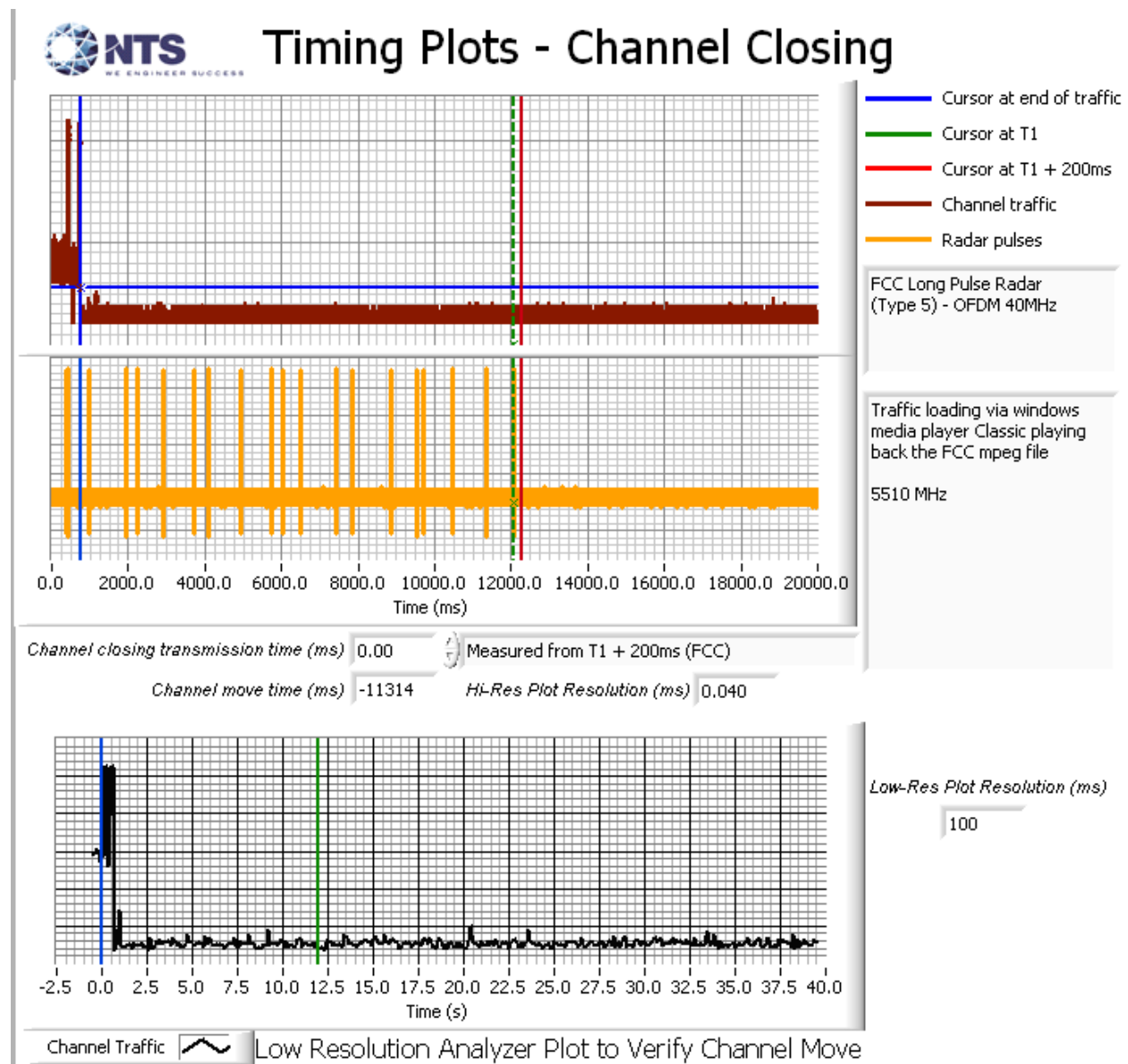


Figure 12 Channel Closing Time and Channel Move Time (40MHz) – 40 second plot

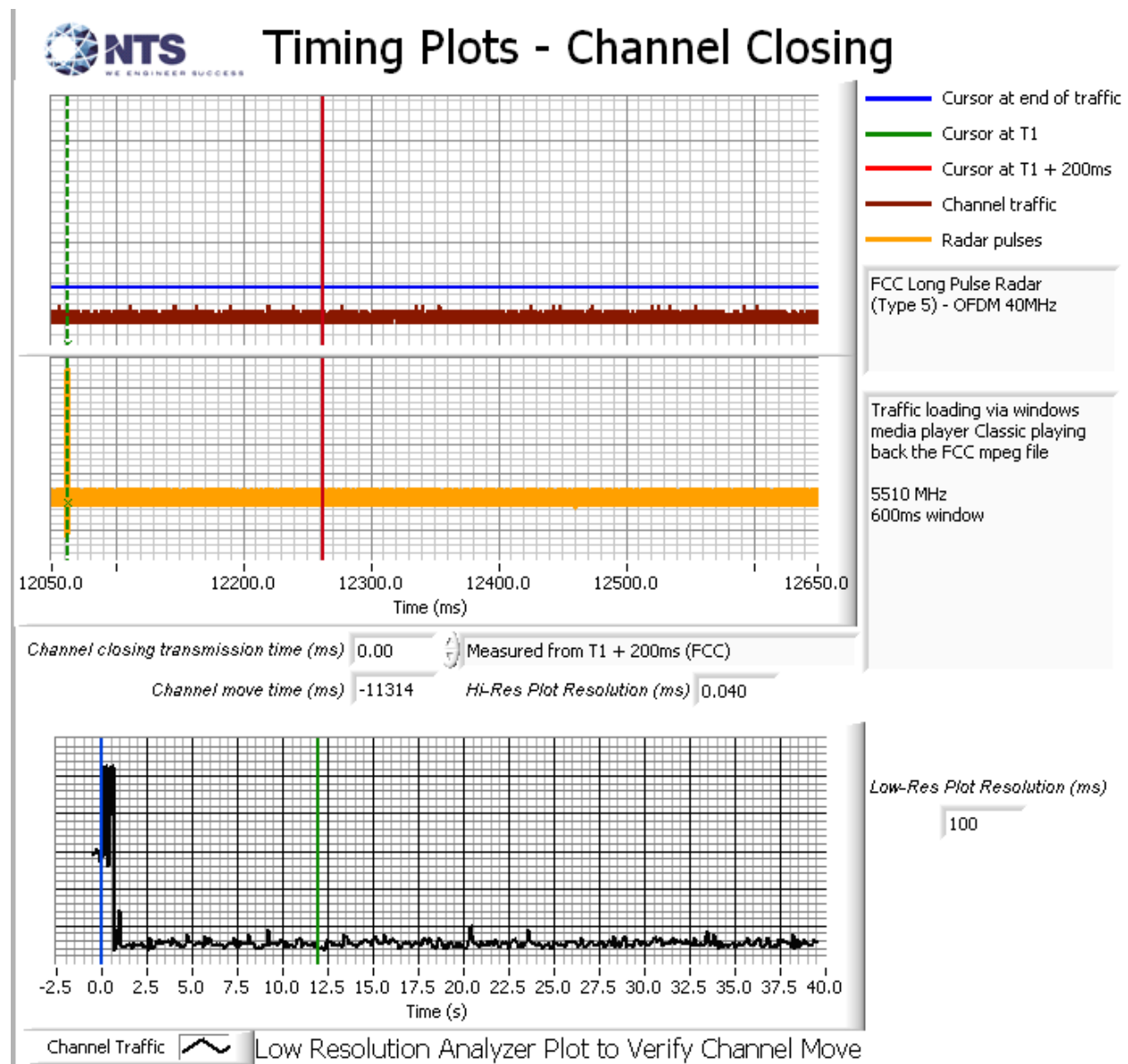


Figure 13 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (40MHz)

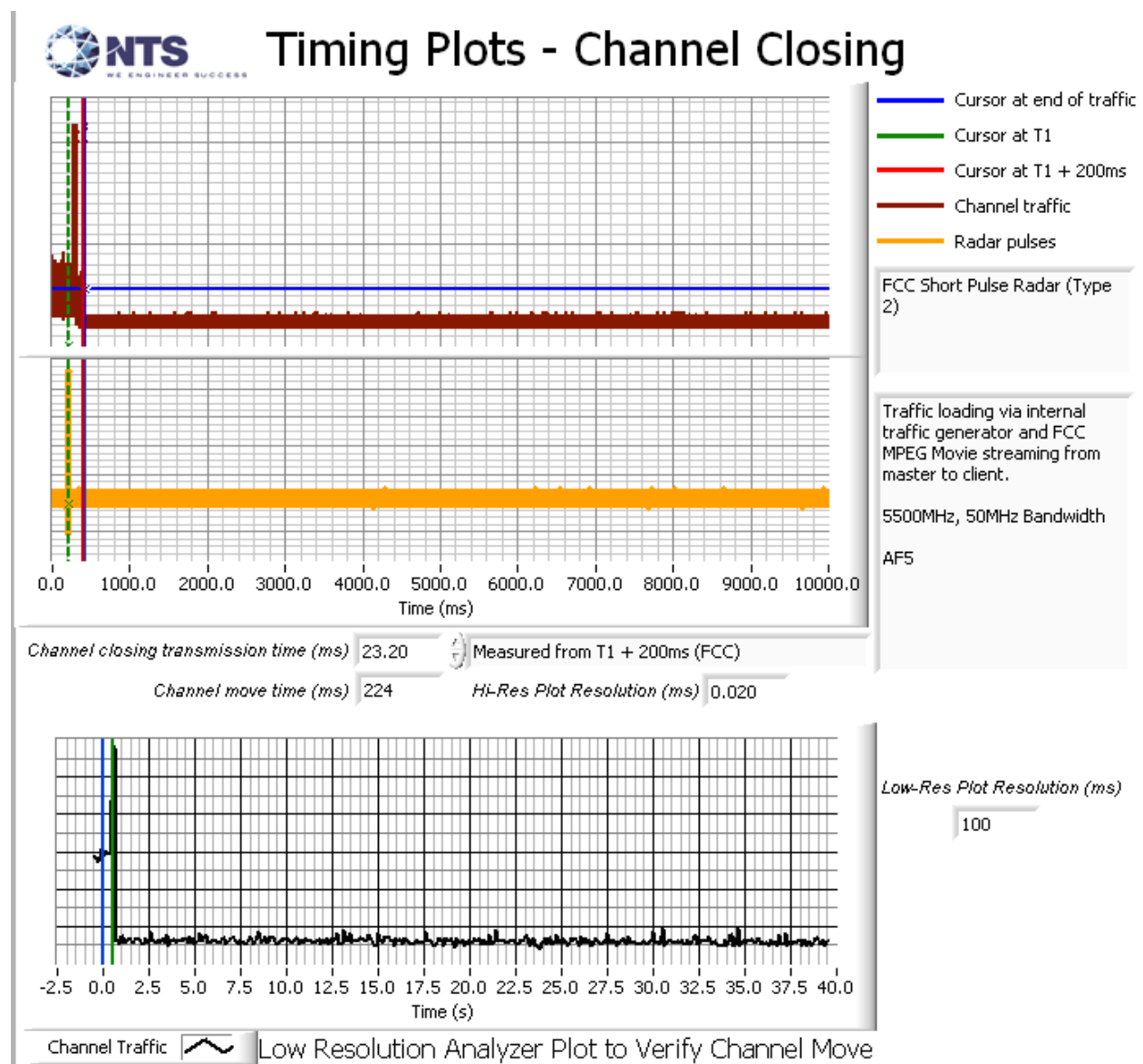


Figure 14 Channel Closing Time and Channel Move Time (50MHz) – 40 second plot

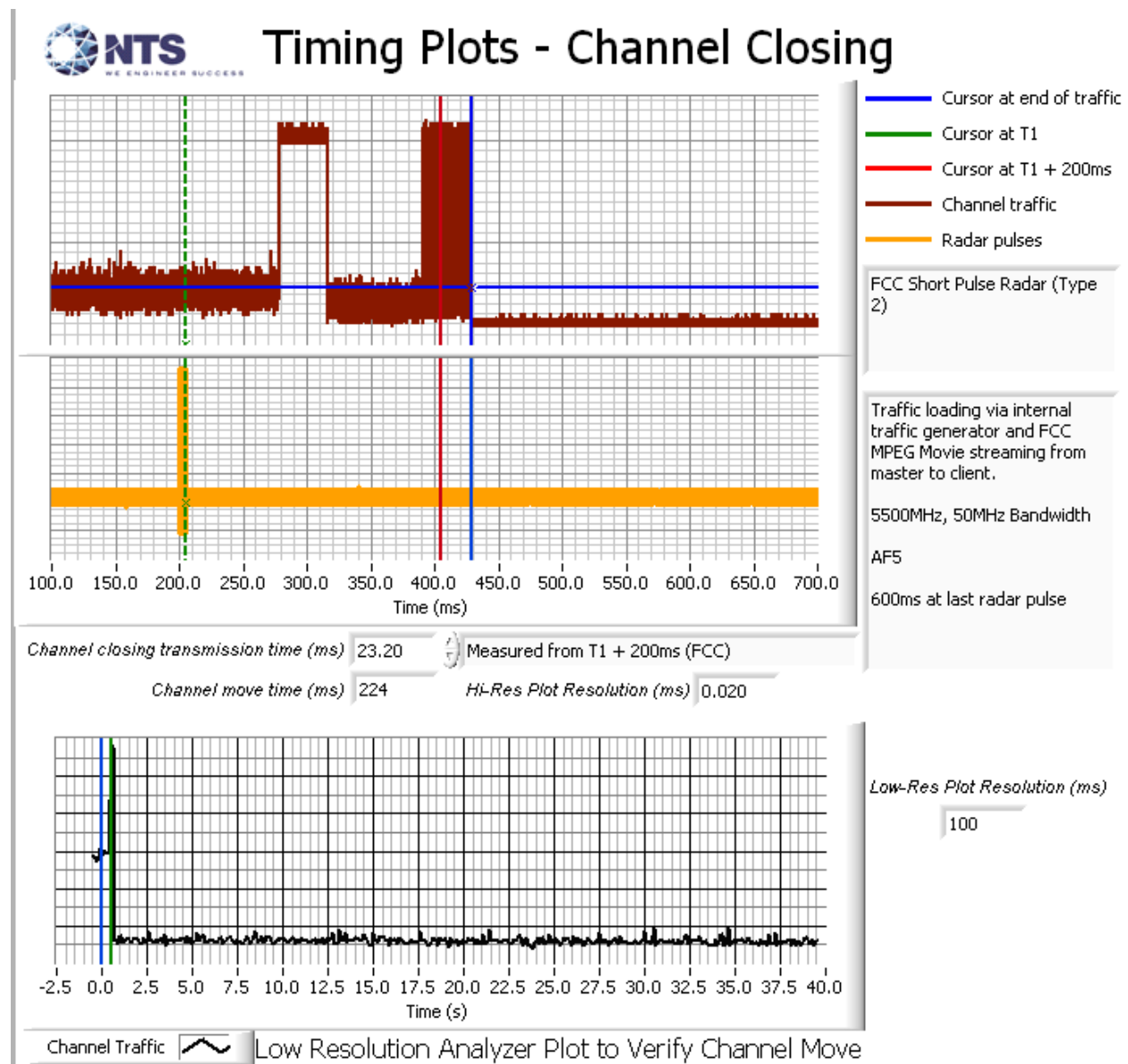


Figure 15 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (50MHz)

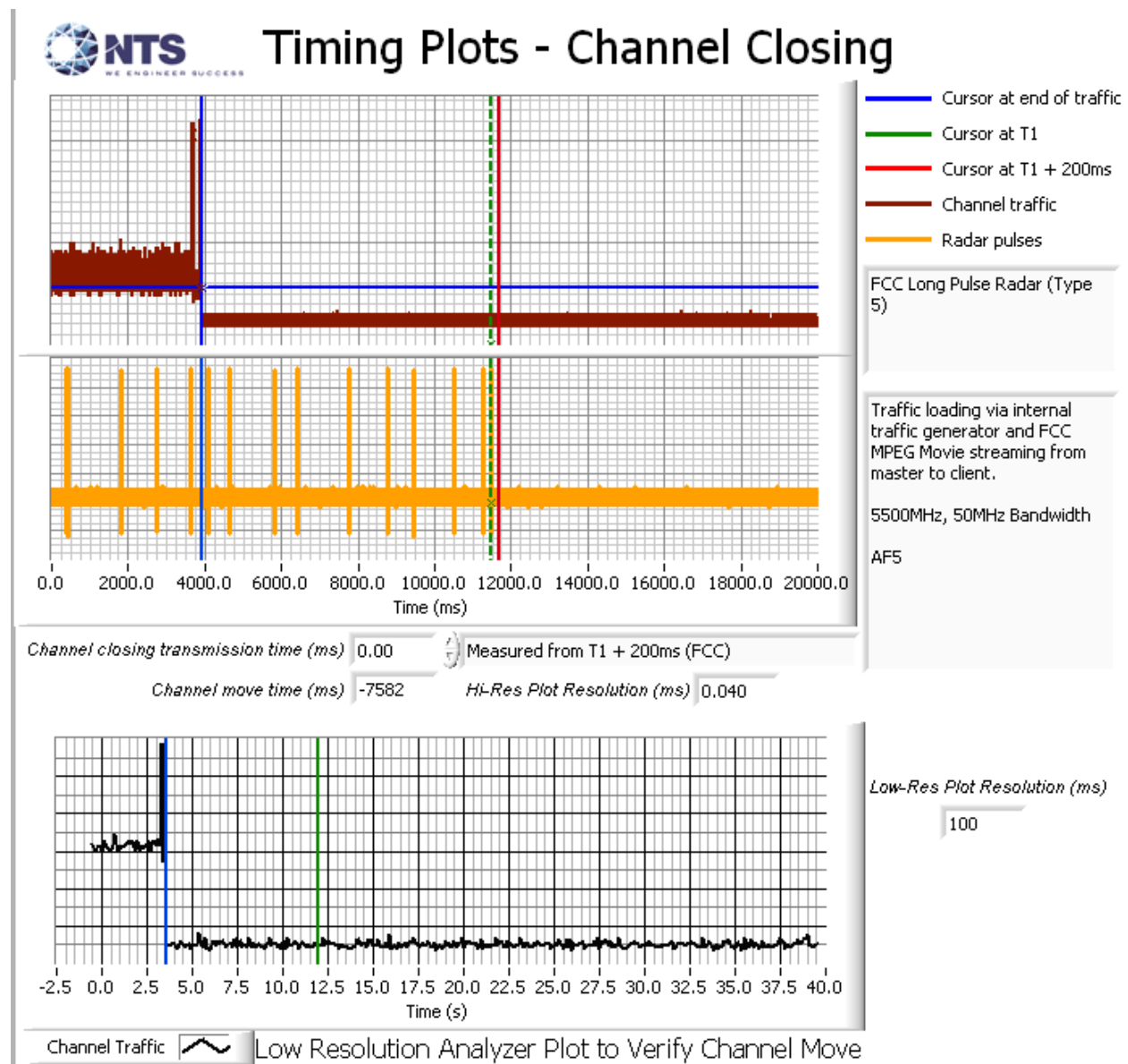


Figure 16 Channel Closing Time and Channel Move Time (50MHz) – 40 second plot, Long Pulse

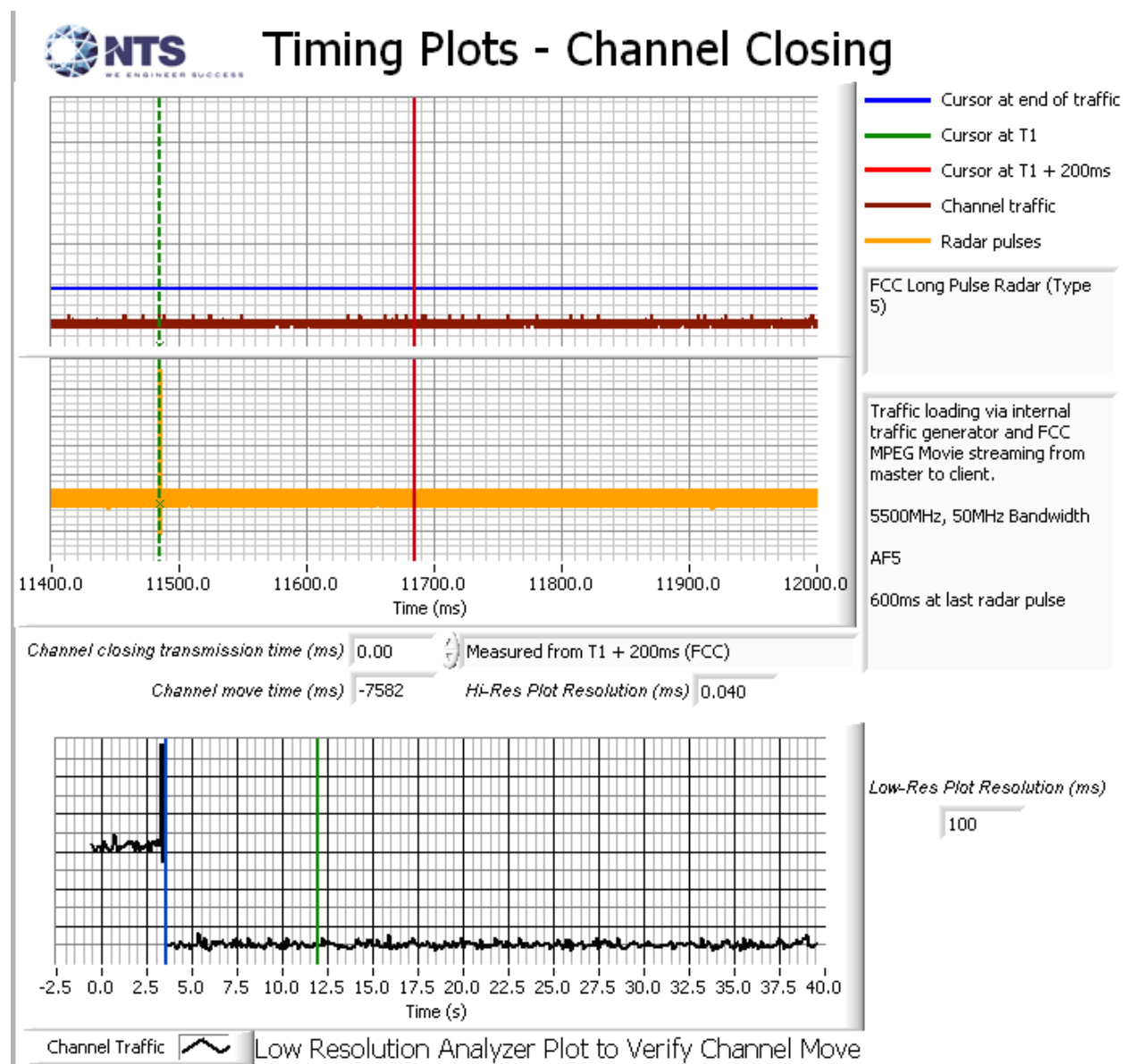


Figure 17 Close-Up of Transmissions Occurring More Than 200ms After The End of Radar (50MHz)

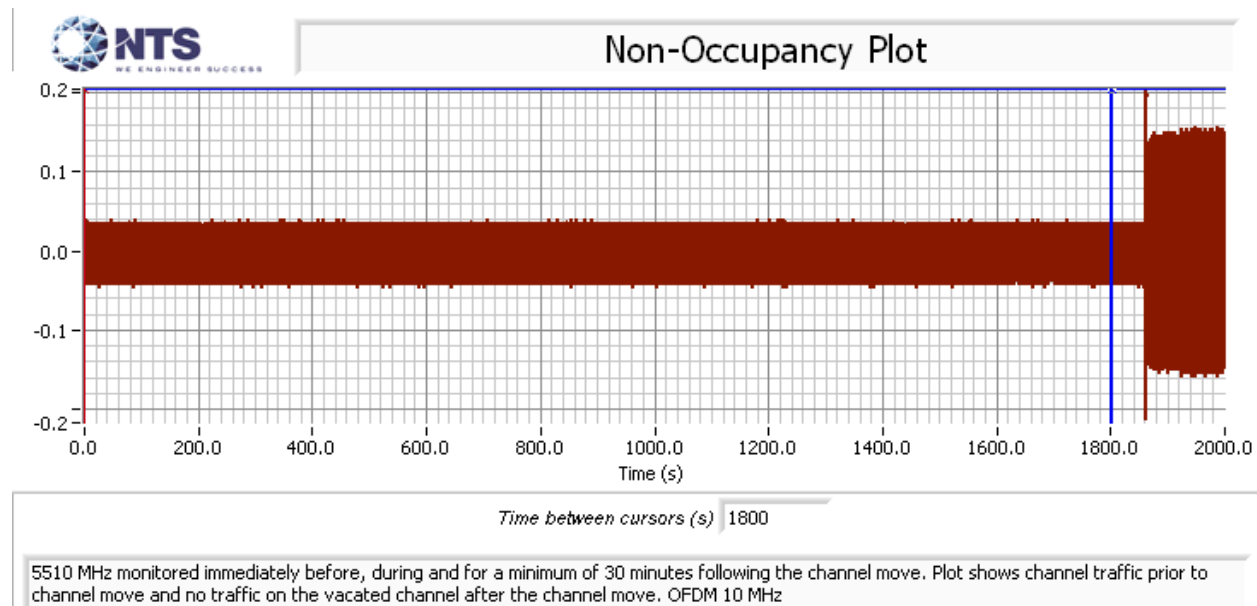


Figure 18 Radar Channel Non-Occupancy Plot (10MHz)

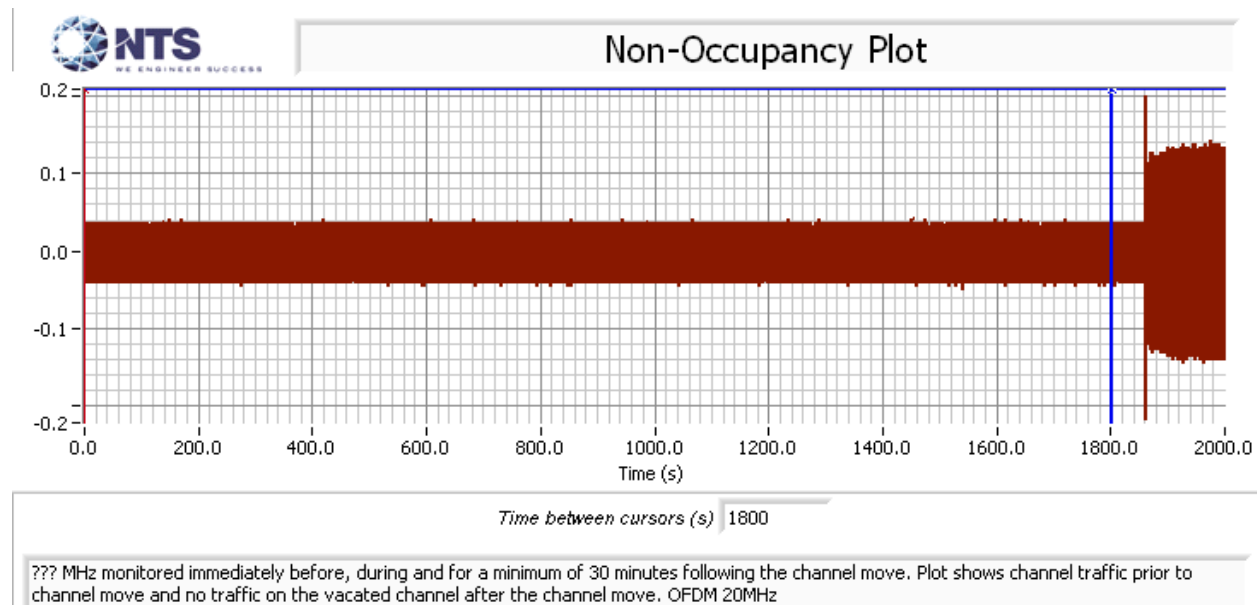


Figure 19 Radar Channel Non-Occupancy Plot (20MHz)

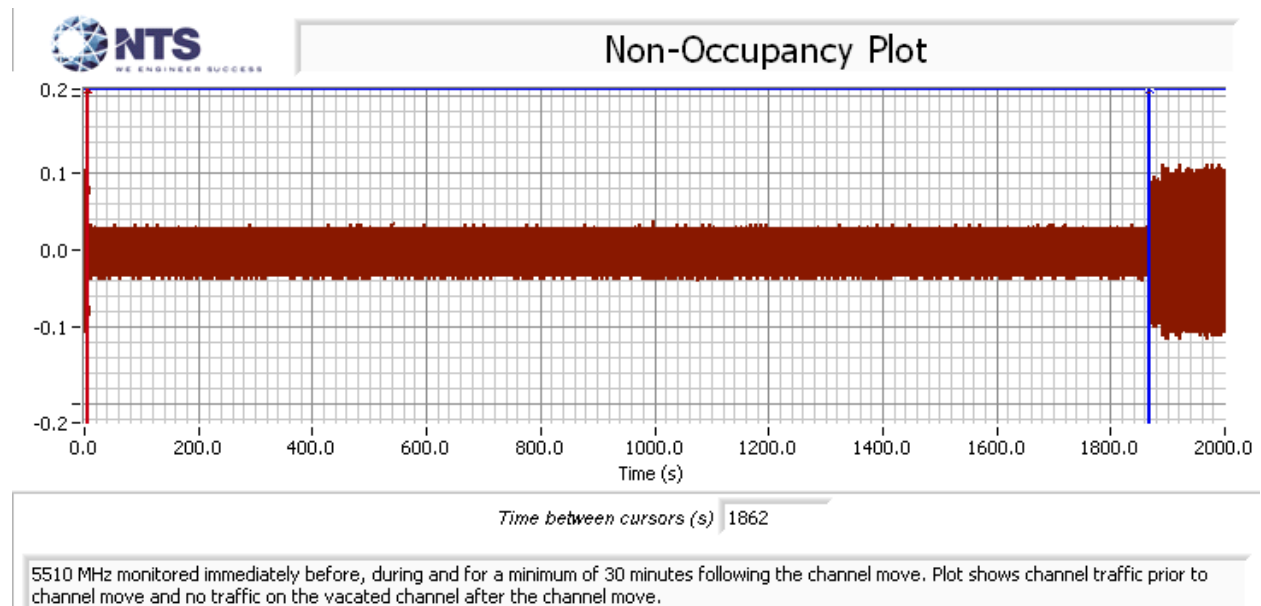


Figure 20 Radar Channel Non-Occupancy Plot (40MHz)

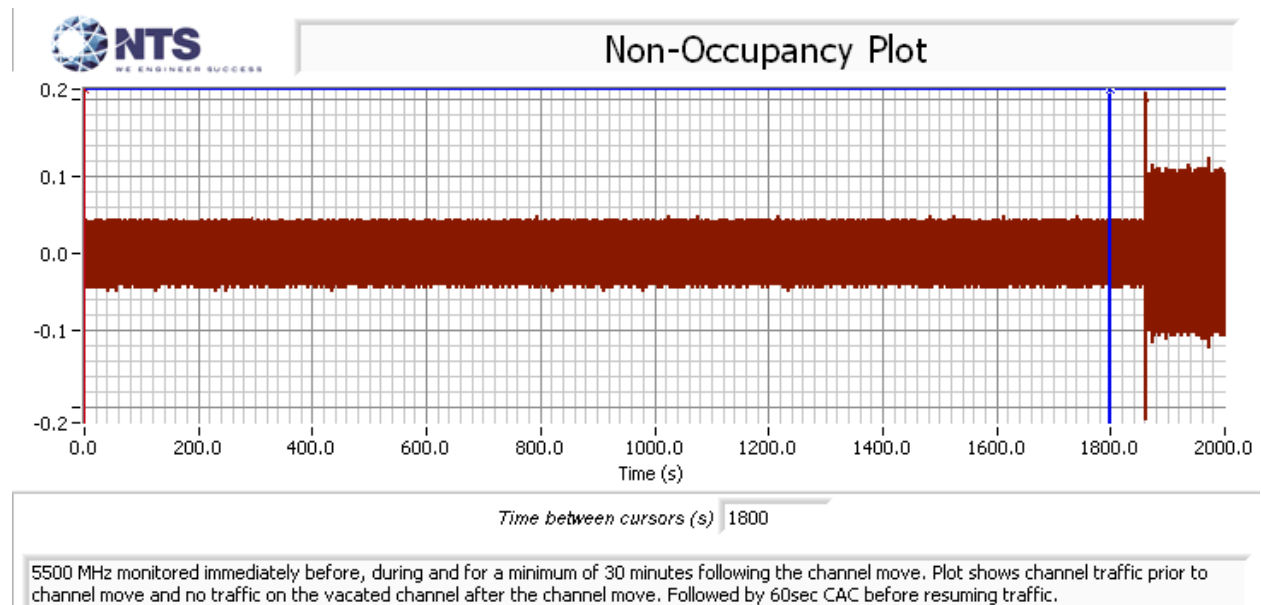


Figure 21 Radar Channel Non-Occupancy Plot (50 MHz)

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

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.

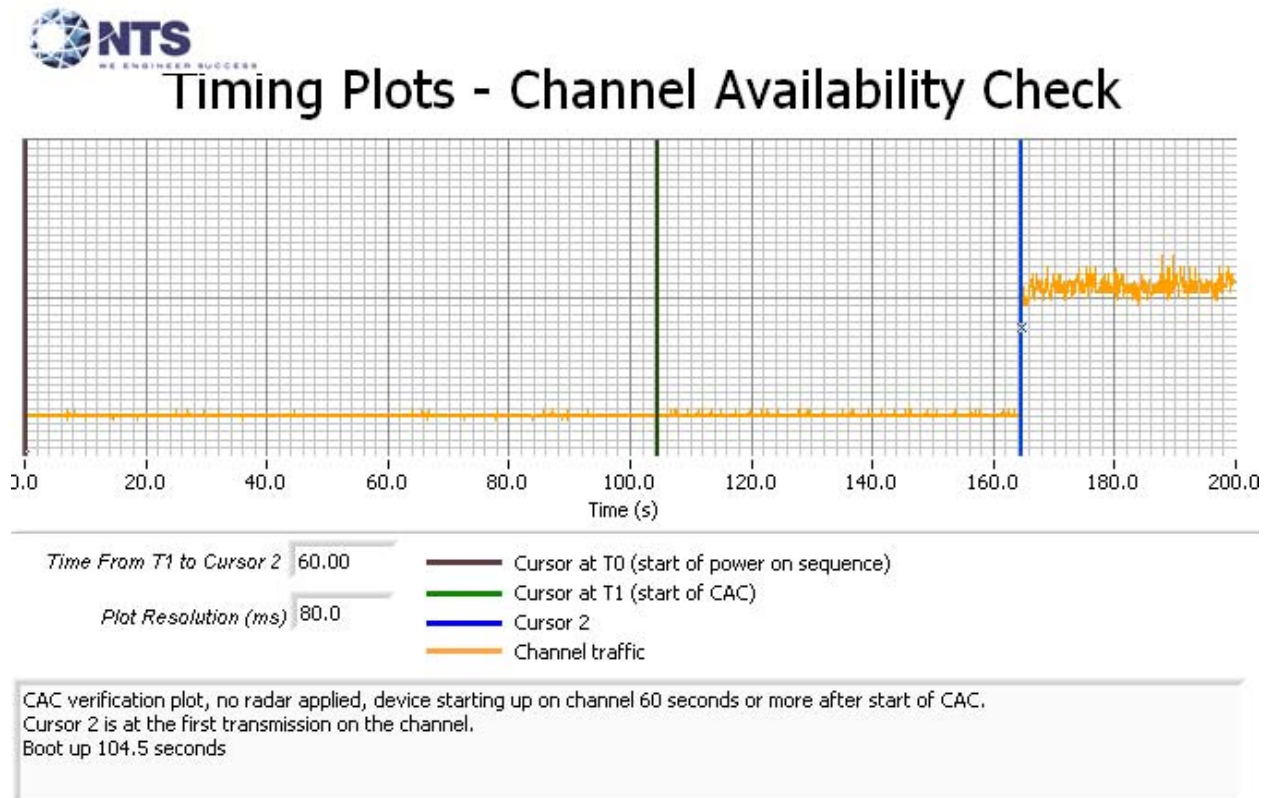


Figure 22 Plot of EUT Start-Up After CAC

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 5500 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

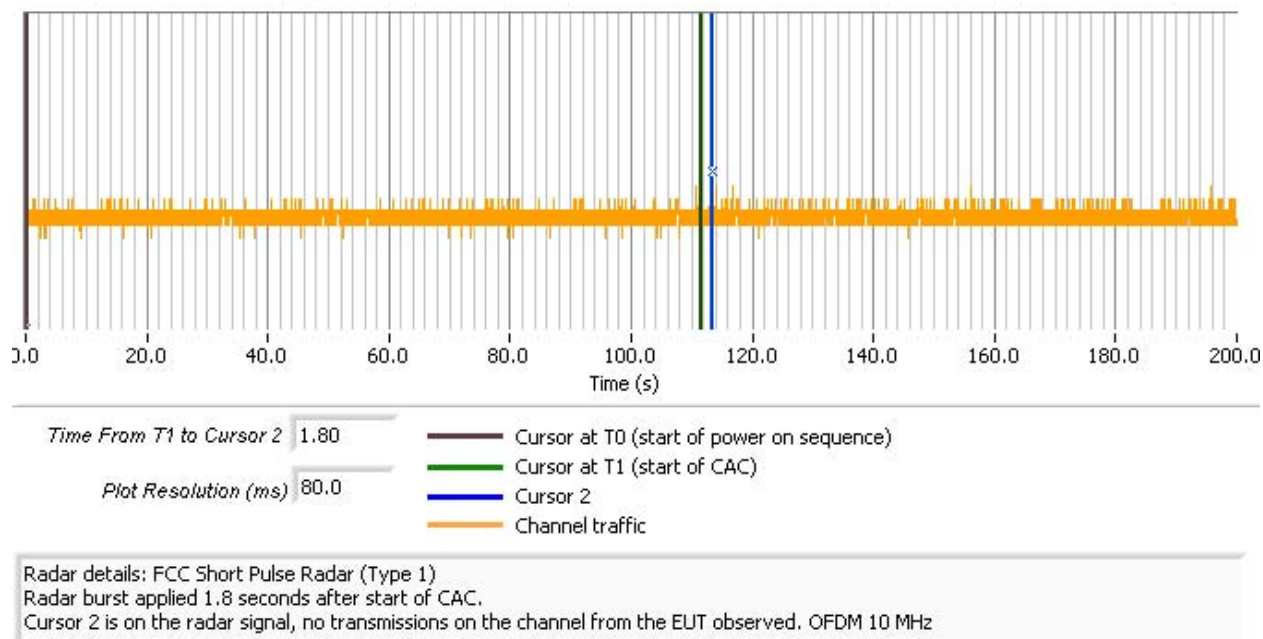


Figure 23 Radar Applied At Start of CAC (10MHz)



Timing Plots - Channel Availability Check

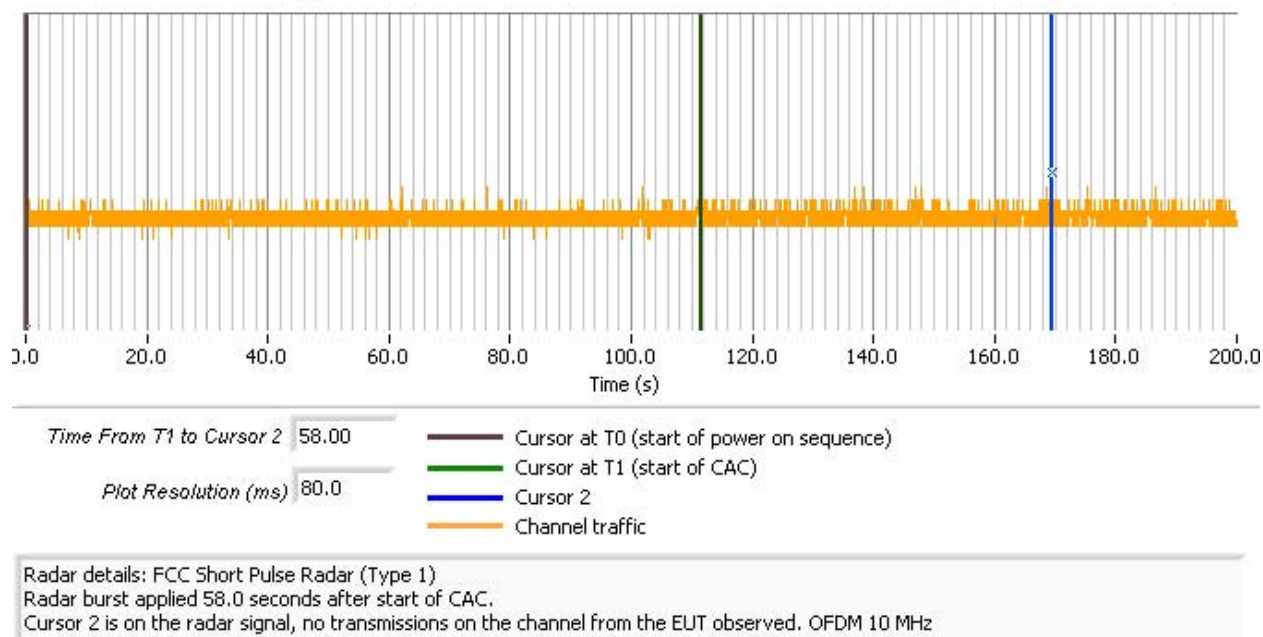


Figure 24 Radar Applied At End of CAC (10MHz)



Timing Plots - Channel Availability Check

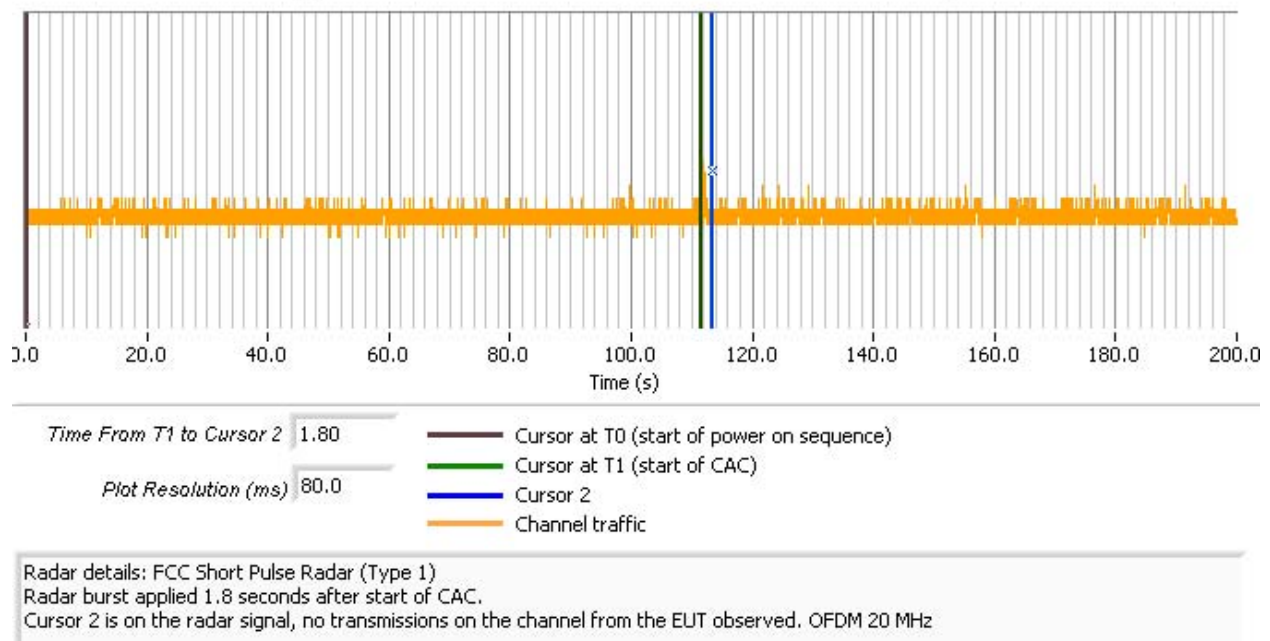


Figure 25 Radar Applied At Start of CAC (20MHz)



Timing Plots - Channel Availability Check

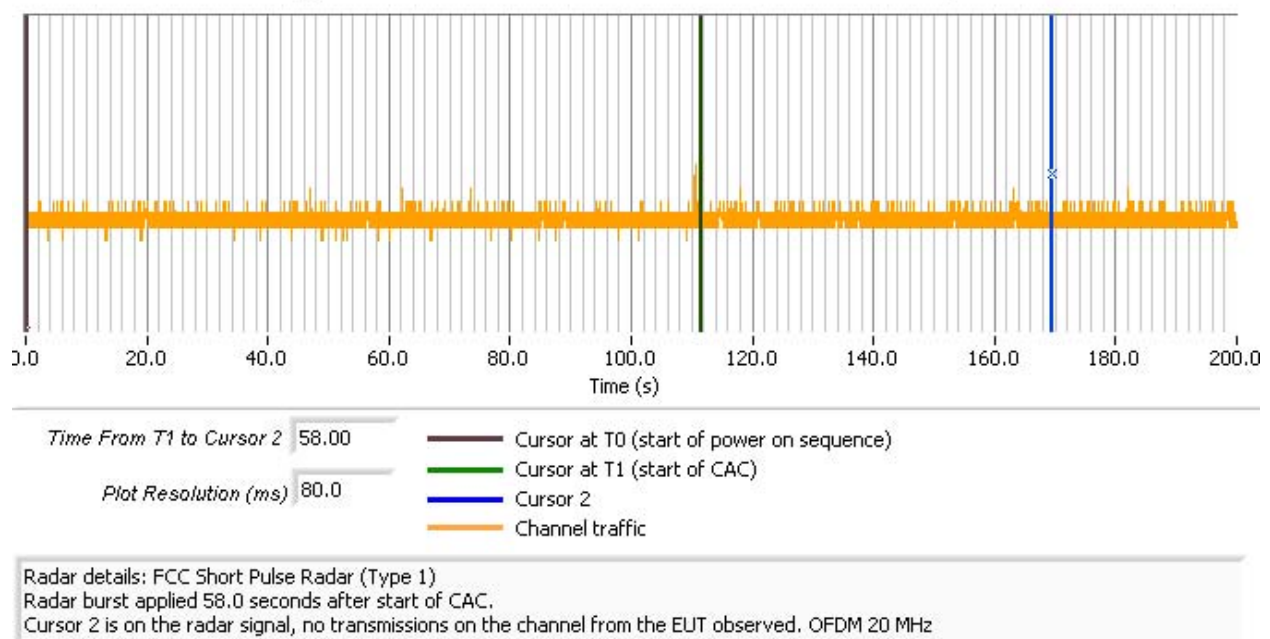


Figure 26 Radar Applied At End of CAC (20MHz)



Timing Plots - Channel Availability Check

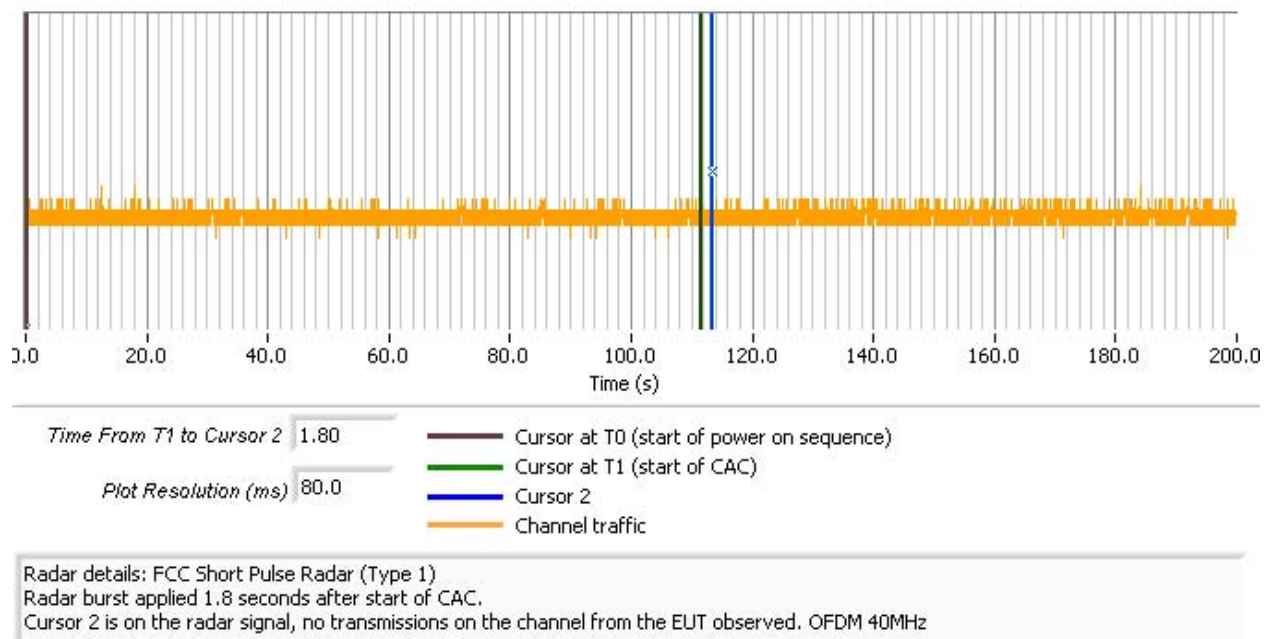


Figure 27 Radar Applied At Start of CAC (40MHz)



Timing Plots - Channel Availability Check

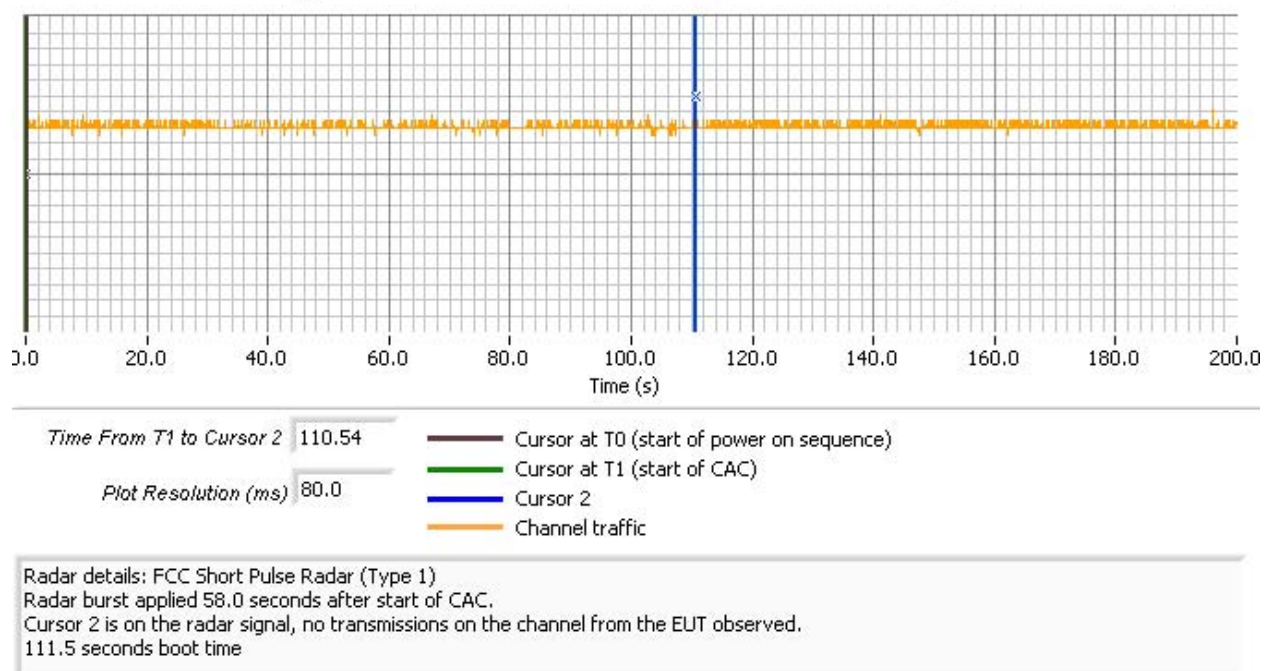
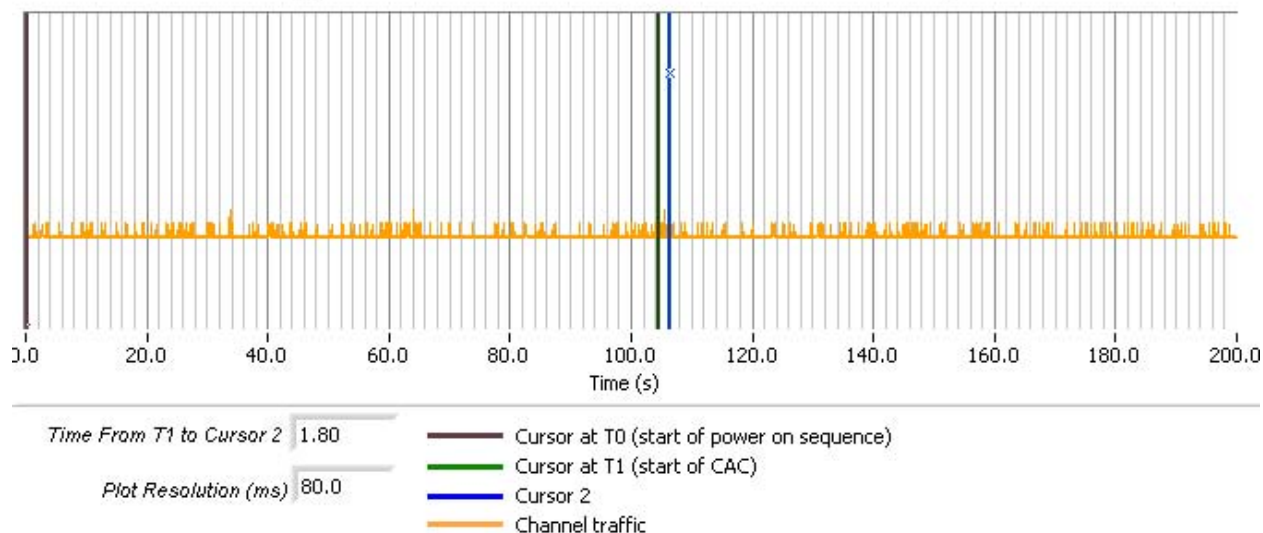


Figure 28 Radar Applied At End of CAC (40MHz)



Timing Plots - Channel Availability Check

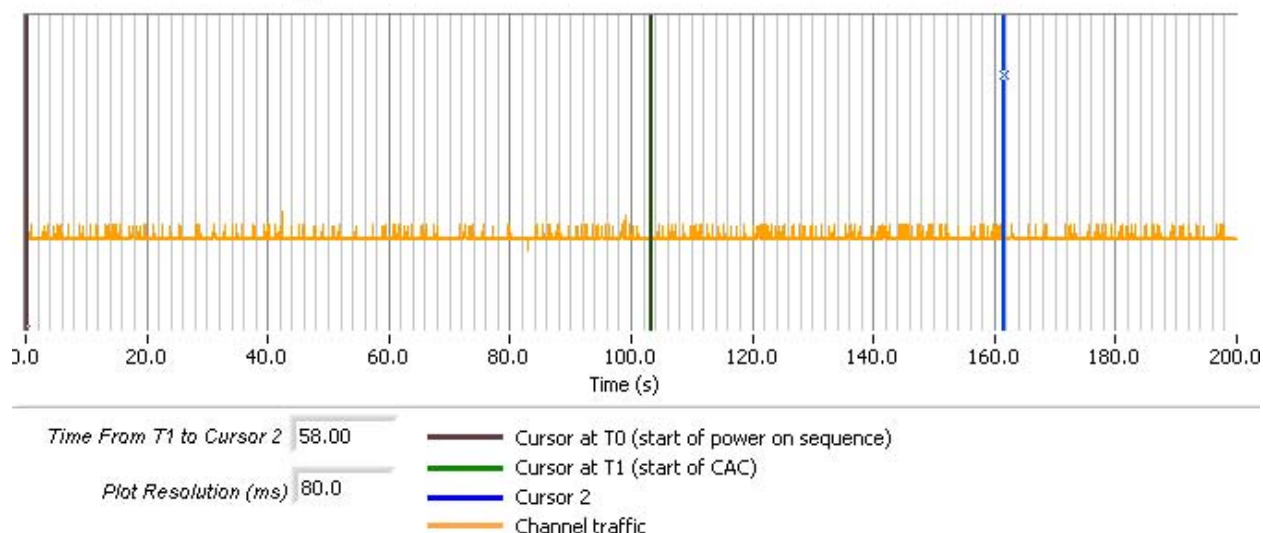


Radar details: FCC Short Pulse Radar (Type 1)
Radar burst applied 1.8 seconds after start of CAC.
Cursor 2 is on the radar signal, no transmissions on the channel from the EUT observed. 5500MHz with 50MHz Channel
EUT Boot time is 104.5seconds from power on.

Figure 29 Radar Applied At Start of CAC (50MHz)



Timing Plots - Channel Availability Check



Radar details: FCC Short Pulse Radar (Type 1)
Radar burst applied 58.0 seconds after start of CAC.
Cursor 2 is on the radar signal, no transmissions on the channel from the EUT observed. 5500MHz with 50MHz Channel
EUT Boot time is 104.5seconds from power on.

Figure 30 Radar Applied At End of CAC (50MHz)

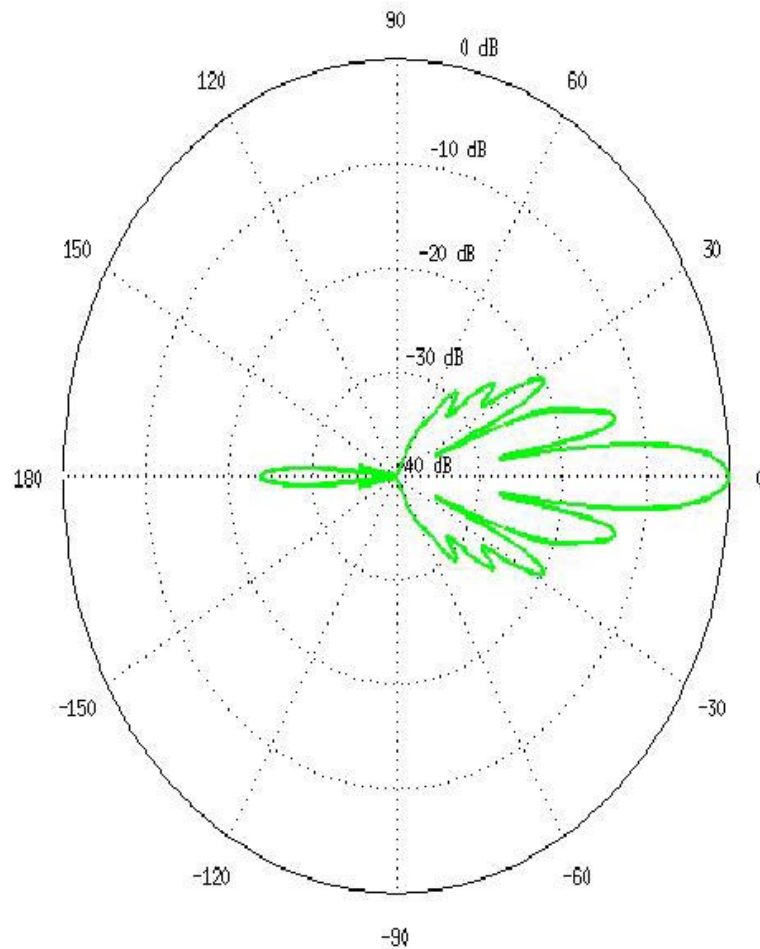
Appendix E Antenna Specification

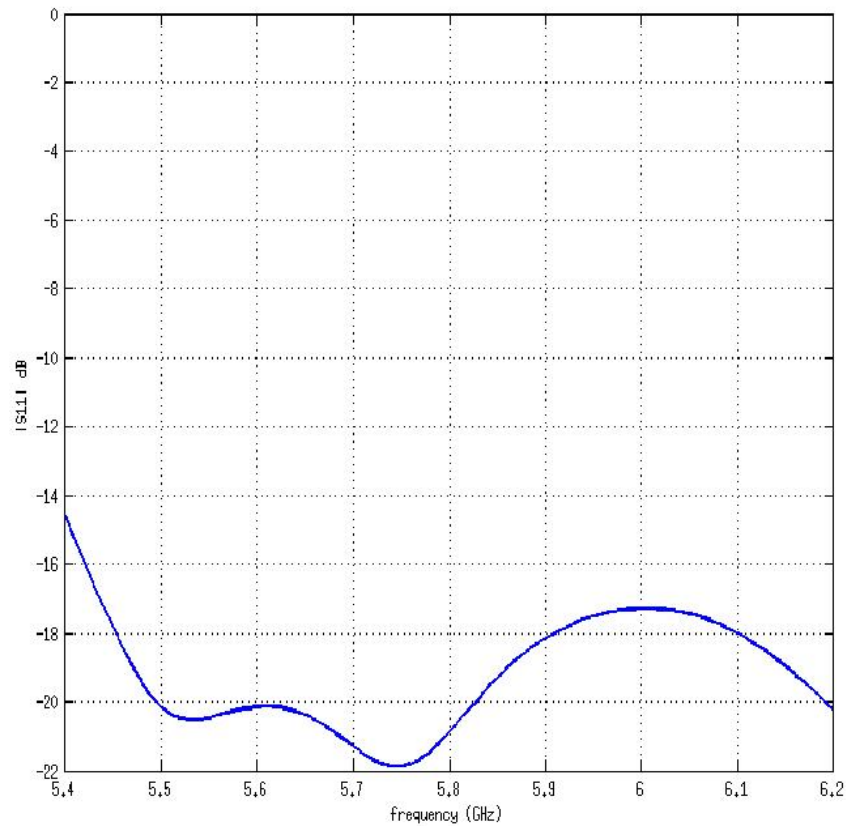
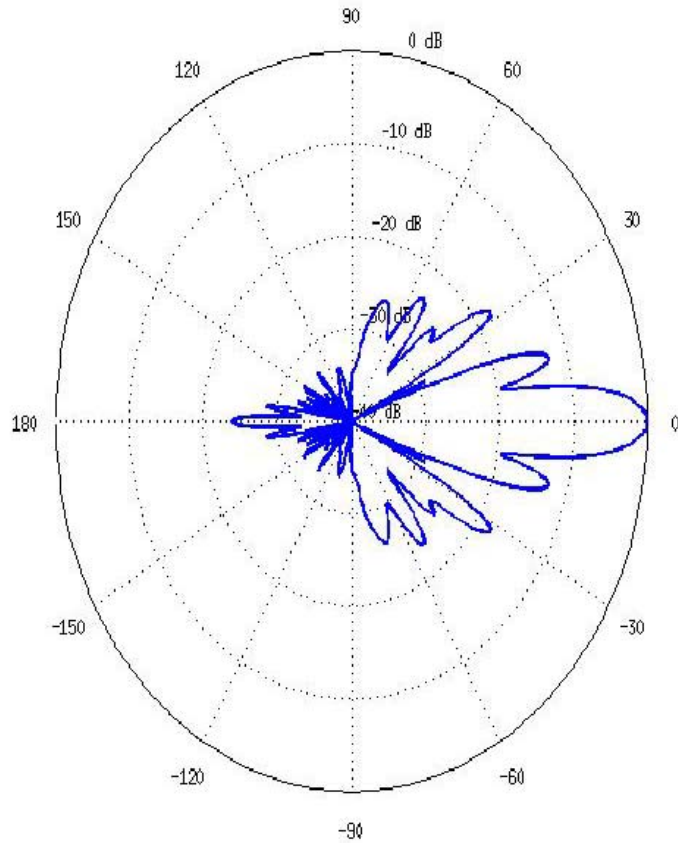
band 5.45 - 6.2 GHz
gain 23 dBi (antenna assembly)
VSWR < 1.4:1, see return loss plot below (antenna only)
F/B 25 dB
beamwidth 8 deg
downtilt 0 deg
notes Patterns below are normalized plane cuts at 5.75 GHz.

Tx and Rx reflectors are identical.

Due to symmetry:

- E-plane = H-pol azimuth and V-pol elevation
- H-plane = V-pol azimuth and H-pol elevation





Appendix F Test Configuration Photograph(s)



Red antenna (closest to EUT at left) is Radar Transmit Antenna

End of Report

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