NTS Silicon Valley
www.nts.com
41039 Boyce Road
Fremont, CA 94538
510-578-3500 Phone
510-440-9525 Fax

TEST REPORT

Covering the DYNAMIC FREQUENCY SELECTION (DFS) REQUIREMENTS OF

FCC Part 15 Subpart E (UNII), RSS-247

Aruba, a Hewlett Packard Enterprise company Model(s): APIN0555

IC CERTIFICATION #:	4675A-APIN0555
FCC ID:	Q9DAPIN0555
COMPANY:	Aruba, a Hewlett Packard Enterprise company 3333 Scott Blvd. Santa Clara, CA, 95054
TEST SITE:	National Technical Systems - Silicon Valley 41039 Boyce Road Fremont, CA 94538
REPORT DATE:	October 5, 2021
RE-ISSUED DATE	October 26, 2021
FINAL TEST DATE:	August 13-19 and October 4 and 26, 2021
TEST ENGINEER:	Mehran Birgani
TOTAL NUMBER OF PAGES:	216

ACCREDITED
Testing Cert #0214.26

VALIDATING SIGNATORIES

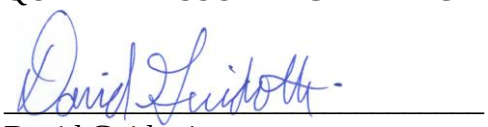
PROGRAM MGR /
TECHNICAL REVIEWER:

David Bare
Chief Engineer

REPORT PREPARER:

Mehran Birgani
EMC Engineer

QUALITY ASSURANCE DELEGATE



David Guidotti
Senior Technical Writer

REVISION HISTORY

Rev #	Date	Comments	Modified By
-	October 5, 2021	Initial Release	-
1	October 26, 2021	Added Zero Wait DFS results after CAC completion	dwb

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

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-247 Local Area Network Devices.

Tests were performed in accordance with these standards together with the current published versions of the basic standards referenced therein including FCC KDB 905462 D02 and FCC KDB 905462 D03 as outlined in NTS Silicon Valley test procedures. The test results recorded herein are based on a single type test of the Aruba, a Hewlett Packard Enterprise company model APIN0555 and therefore apply only to the tested sample. The sample was selected and prepared by Mark Hill of Aruba, a Hewlett Packard Enterprise company.

OBJECTIVE

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

STATEMENT OF COMPLIANCE

The tested sample of the Aruba, a Hewlett Packard Enterprise company model APIN0555 complied with the DFS requirements of FCC Part 15.407(h)(2), RSS-247.

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 for the tests performed. Only the detection probability and CAC timing tests were performed for this version of the product incorporating a “Zero Wait” CAC function. Testing was performed in accordance with the test plan provided by Aruba, a Hewlett Packard Enterprise company. Original DFS test results are in NTS report FR-075848.24.

TEST RESULTS

TEST RESULTS SUMMARY – FCC Part 15, MASTER DEVICE

Table 1 - FCC Part 15 Subpart E Master Device Test Result Summary (20MHz – Zero Wait Target Channel) (Tri Radio, Radio 0)

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
Channel Availability Check (CAC) Time	Reference	5250-5350	60.1 s	≥ 60 s	Appendix C	Pass

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.4dBi. The limit is based on an eirp of more than 23dBm.

Table 2 - FCC Part 15 Subpart E Master Device Test Result Summary (80MHz - Zero Wait Target Channel) (Dual Radio)

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5530 MHz	-63dBm	-63dBm (Note 2)	Appendix B	PASS

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.4dBi. The limit is based on an eirp of more than 23 dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5500-5700 MHz band.
4) The 99% bandwidth test results are contained within a separate RF test report.

Table 3 - FCC Part 15 Subpart E Master Device Test Result Summary (80MHz – Operating Channel) (Dual Radio)

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5290 MHz	-63dBm	-63dBm (Note 2)	Appendix B	PASS

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.4dBi. The limit is based on an eirp of more than 23 dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250-5350 MHz band.
4) The 99% bandwidth test results are contained within a separate RF test report.

Table 4 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz - Zero Wait Target Channel) (Tri Radio, Radio 0)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5310 MHz	-63dBm	-64dBm (Note 2)	Appendix B	PASS

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.4dBi. The limit is based on an eirp of more than 23dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250-5350 MHz band.
4) The 99% bandwidth test results are contained within a separate RF test report.

Table 5 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz – Operating Channel) (Tri Radio, Radio 0)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5270 MHz	-63dBm	-63dBm (Note 2)	Appendix B	PASS

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.4dBi. The limit is based on an eirp of more than 23dBm.
3) The in-service monitoring detection threshold and detection probability measurements were made with the device operating in the 5250-5350 MHz band.
4) The 99% bandwidth test results are contained within a separate RF test report.

Table 6 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz - Zero Wait Target Channel) (Tri Radio, Radio 2)						
Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5510 MHz	-63dBm	-64dBm (Note 2)	Appendix B	PASS

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.4dBi. 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.
4) The 99% bandwidth test results are contained within a separate RF test report.

Table 7 - FCC Part 15 Subpart E Master Device Test Result Summary (40MHz – Operating Channel) (Tri Radio, Radio 2)

Description	Radar Type	EUT Frequency	Measured Value	Requirement	Test Data	Status
In-Service Monitoring Detection Threshold	Type 1 through Type 6	5670 MHz	-63dBm	-64dBm (Note 2)	Appendix B	PASS

1) Tests were performed using the radiated test method.
2) The measured detection threshold is based on testing the master device using the radiated test method when connected to an antenna with a nominal gain of 5.4dBi. 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.
4) The 99% bandwidth test results are contained within a separate RF test report.

MEASUREMENT UNCERTAINTIES

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

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

EQUIPMENT UNDER TEST (EUT) DETAILS

GENERAL

The Aruba, a Hewlett Packard Enterprise company model APIN0555 is an enterprise grade Wi-Fi access point with two radios (one for 5 GHz bands and a second for 2.4 GHz bands). In addition, it incorporates a Bluetooth Low Energy (BLE) and ZigBee radio. Since the EUT could be placed in any position during operation, the EUT was treated as tabletop equipment during testing to simulate the end-user environment. The electrical rating of the EUT is 48 Volts DC, 0.75 Amps or POE (57 Volts DC, 0.95Amps).
The sample was received on August 12, 2021 and tested on August 13-19 and October 4 and 26, 2021. The EUT consisted of the following component(s):

Manufacturer	Model	Description	Serial Number
Aruba	APIN0555	Wi-Fi Access Point	CNHRK9Y0HT

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

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

☒ Master Device 5250-5350 MHz

☒ Master Device 5470-5725 MHz

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

	5250 – 5350 MHz	5470 – 5725 MHz
Lowest Antenna Gain (dBi)	5.8	5.4
Highest Antenna Gain (dBi)	5.8	5.4
EIRP Output Power (dBm)	9.7	15.2

☒ Power can exceed 200mW eirp

Channel Protocol

☒ IP Based

☐ Frame Based

ENCLOSURE

The EUT enclosure measures approximately 26.0 by 26.0 by 5.5 centimeters. It is primarily constructed of aluminum and uncoated coated plastic.

MODIFICATIONS

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

SUPPORT EQUIPMENT

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

Manufacturer	Model	Description	Serial Number
*Dell**	*Latitude 7490*	*Laptop*	*J2VHST2*
Aruba	ADP-50GR BD	AC/DC Adapter	JJ0D9CK02FA
Dell	Latitude 7490	Laptop	4LM3RV2
Aruba	7008	Controller	CNJHJSP09J

*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)
ENET0	Controller	Cat 5	Shielded	7.5
Power	AC/DC Adapter	2 Wire	Unshielded	1.0
Laptop USB	Controller	USB/Serial	Unshielded	1.5
Laptop Eth	Controller	Cat 5	Unshielded	1.0

EUT OPERATION

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

> Master Device: ArubaOS 8.9.0.0 Build 80773 with ipq807x.ari 8.9.0.0(cshen@pek-chsen-vm)#80773_dfs

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.

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

The streamed file was FCC movie and iperf and the client device was using VLC to view the file. The channel loading was evaluated to be 17.2-17.7% (refer to figure 9-10) meeting the approximately 17% loading as required by FCC KDB 905462 D02

Refer to the APIN0555 theory of operation document for the information about the power-on cycle time, statement about security of radar detection parameters and initial channel selection.

RADAR WAVEFORMS

Table 8 - FCC Short Pulse Radar Test Waveforms						
Radar Type		Pulse Width (µsec)	PRI (µsec)	Pulses / burst	Minimum Detection Percentage	Minimum Number of Trials
0		1	1428	18	See **Note 1**	
1	1a	1	15 unique PRI values randomly selected from the list of 23 PRI values in **Note 2** below	Round Up 1/360* $19*10^6$/ PRI $_{\mu sec}$	60%	15
	1b		518-3066 with minimum increment of 1 µsec, excluding PRI values selected in 1a			15
2		1-5	150-230	23-29	60%	30
3		6-10	200-500	16-18	60%	30
4		11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)					80%	120

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

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

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

Table 9 - 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 10 - FCC Frequency Hopping Radar Test Waveforms							
Radar Type	Pulse Width (µsec)	PRI (µsec)	Pulses / hop	Hopping Rate (kHz)	Hopping Sequence Length (msec)	Minimum Detection Percentage	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

DFS TEST METHODS

RADIATED TEST METHOD

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

Figure 1 Test Configuration for radiated Measurement Method

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

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

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

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

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

DFS MEASUREMENT INSTRUMENTATION

RADAR GENERATION SYSTEM

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

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

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

The radar signal level is verified during testing using a long duration pulse waveform generated in the same manner as the normal radar generated signals.

The generator output is connected to the coupling port of the conducted set-up or to the radar-generating antenna. The radar generating antenna (when used) is oriented for vertical polarization.

CHANNEL MONITORING SYSTEM

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

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

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

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

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

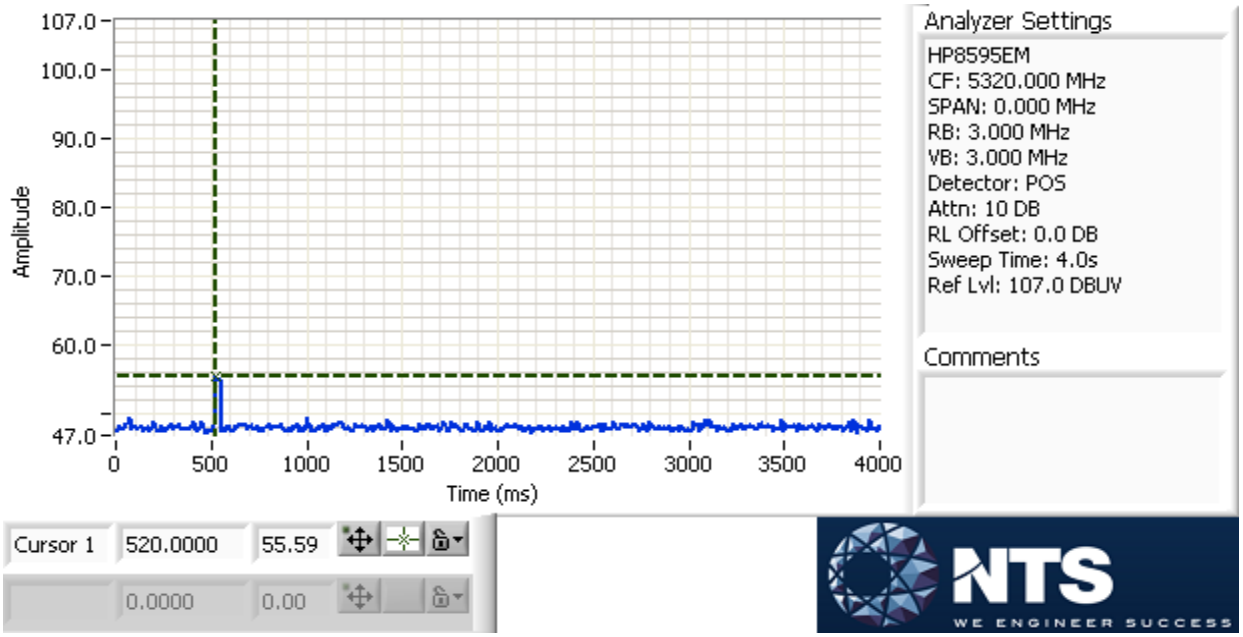


Figure 2 SA Noise Floor During Testing (radar shown at 520 ms)

RADAR GENERATOR PLOTS

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

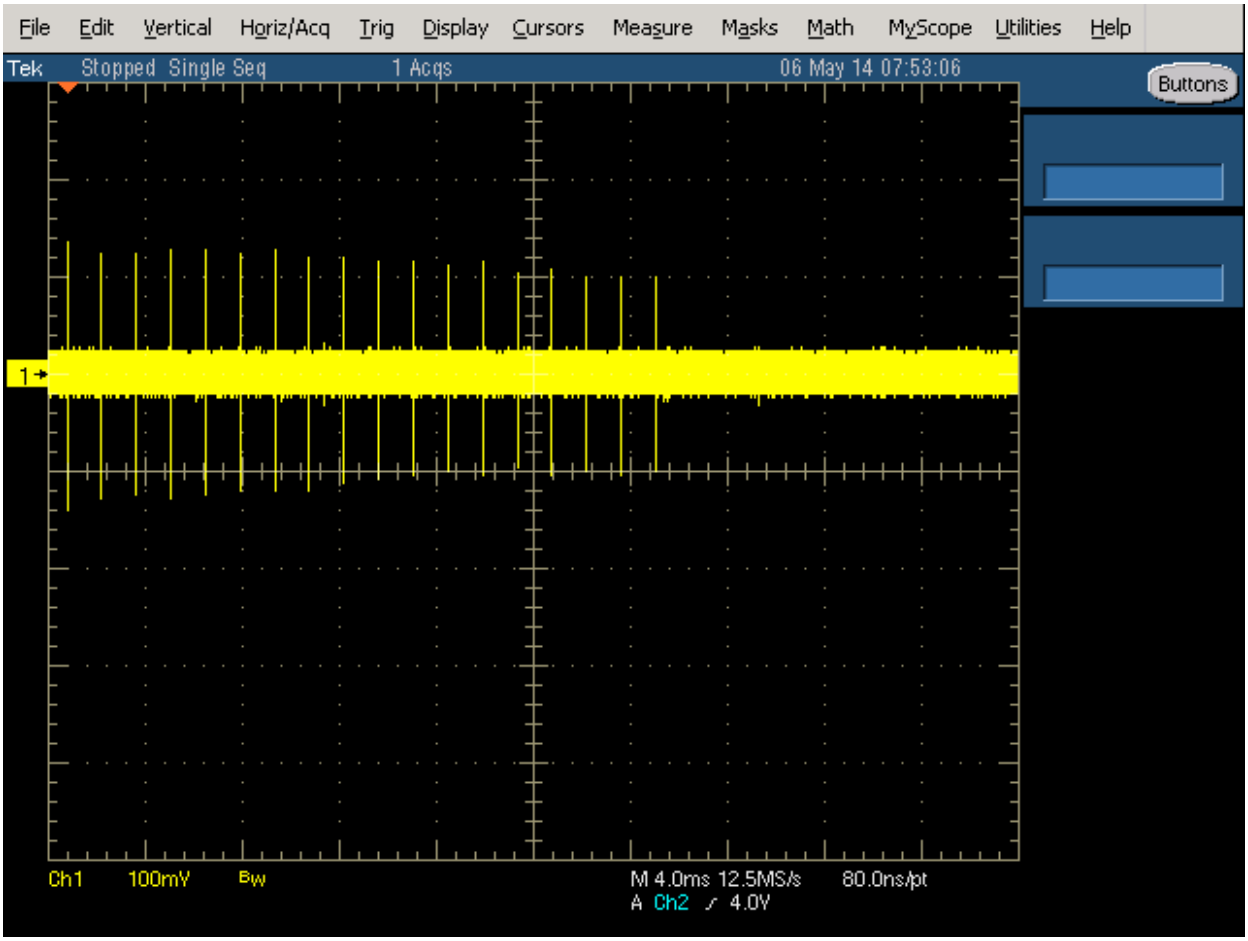


Figure 3 FCC Type 1 Radar (18 pulses)

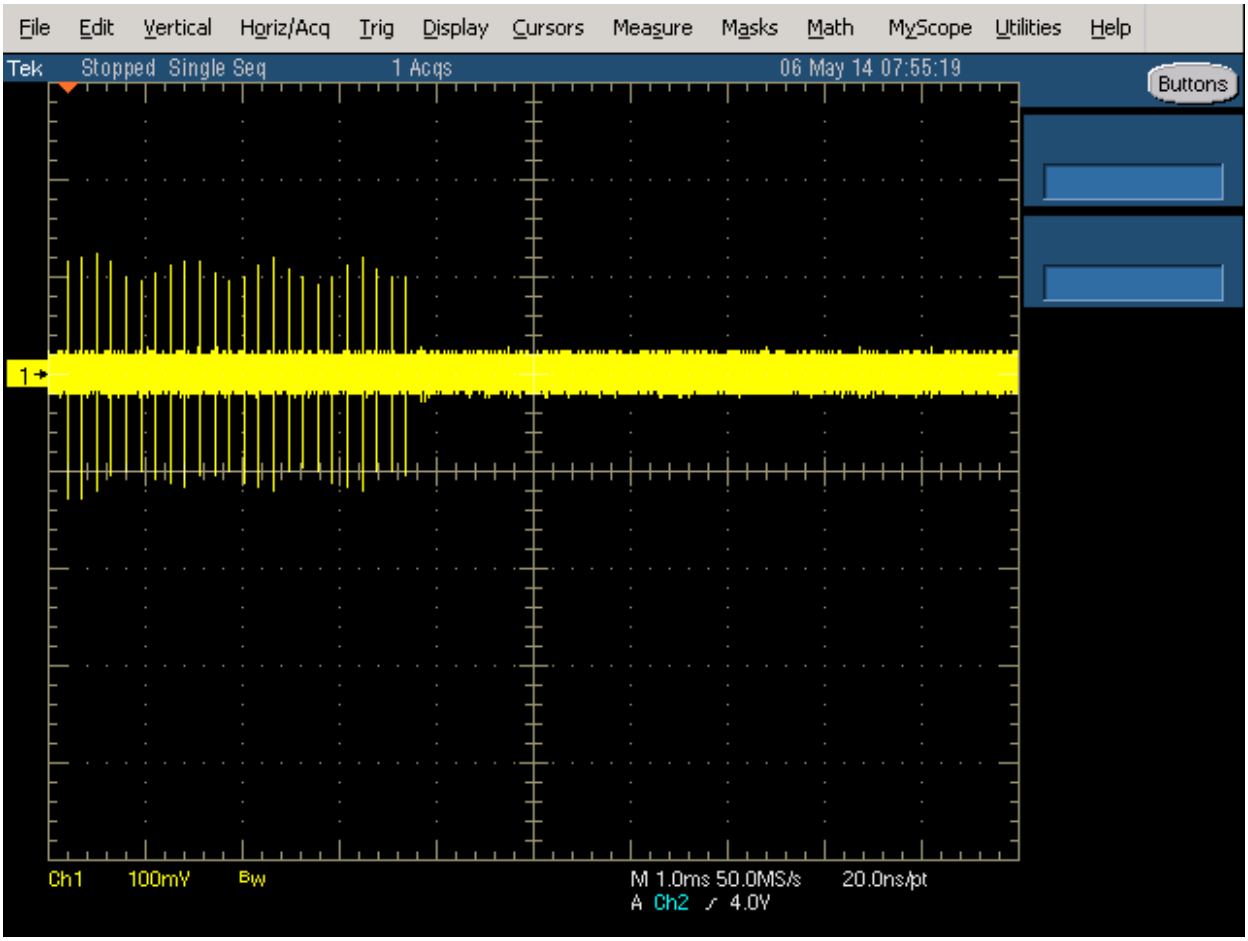


Figure 4 FCC Type 2 Radar (24 pulses)

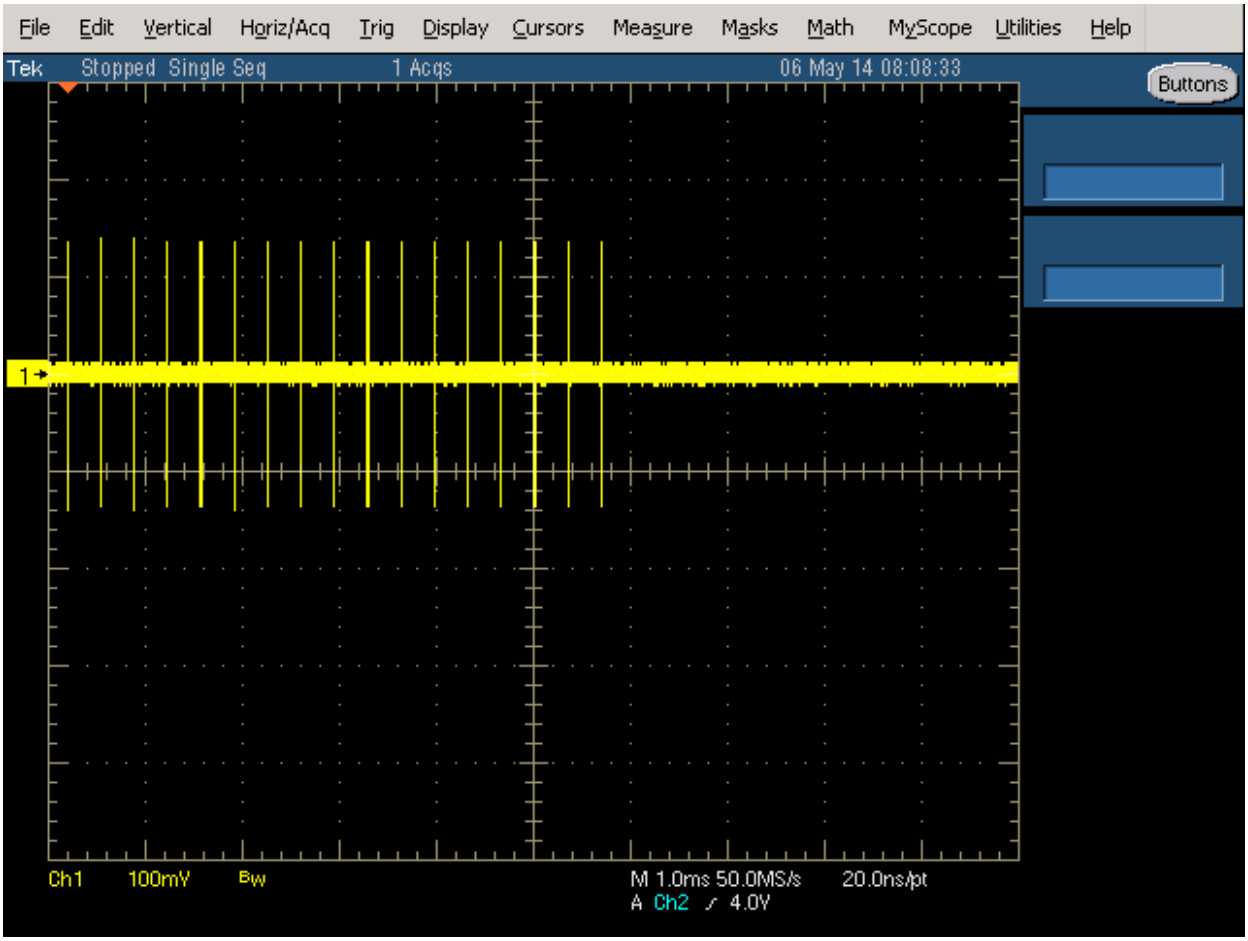


Figure 5 FCC Type 3 Radar (17 pulses)

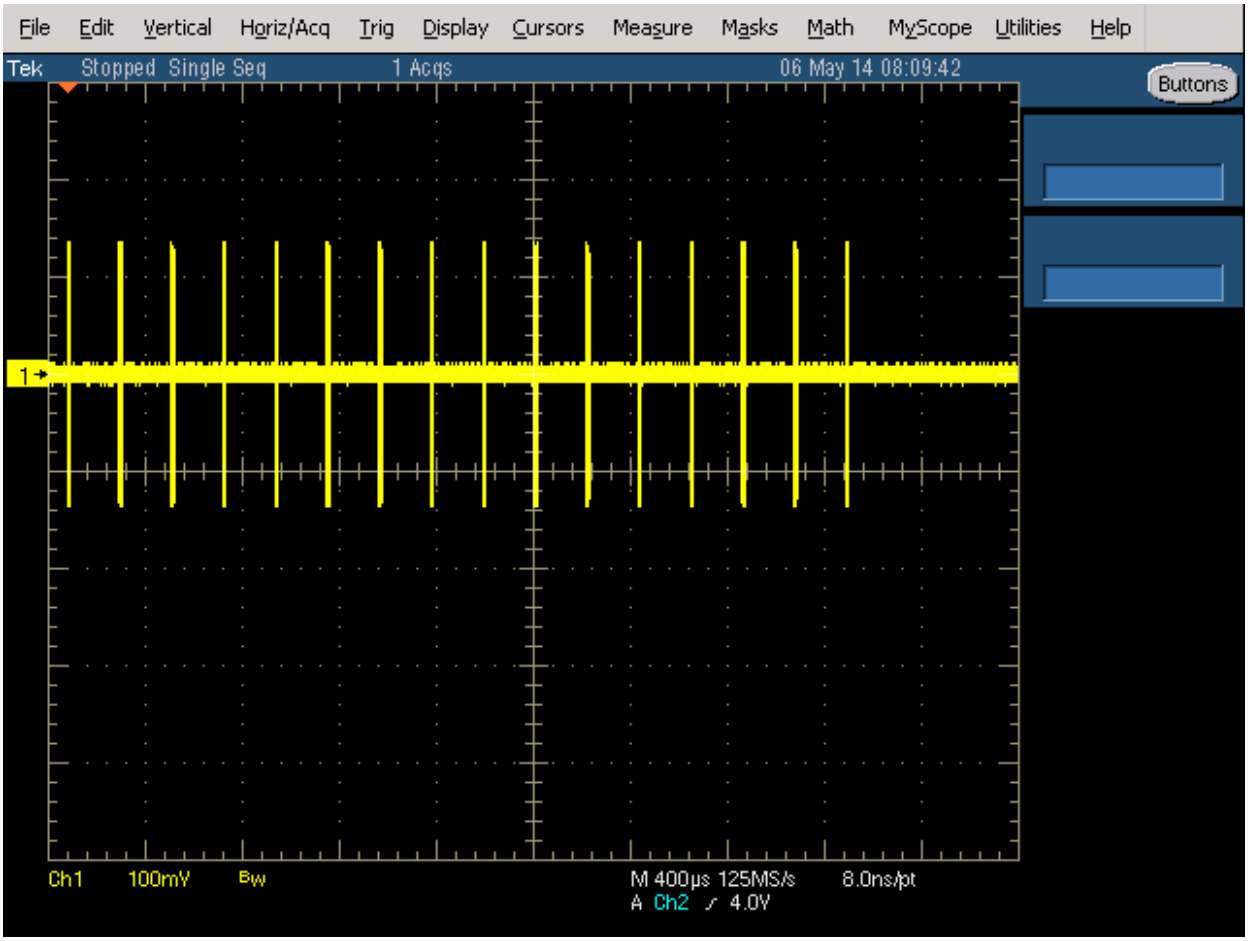


Figure 6 FCC Type 4 Radar (16 pulses)

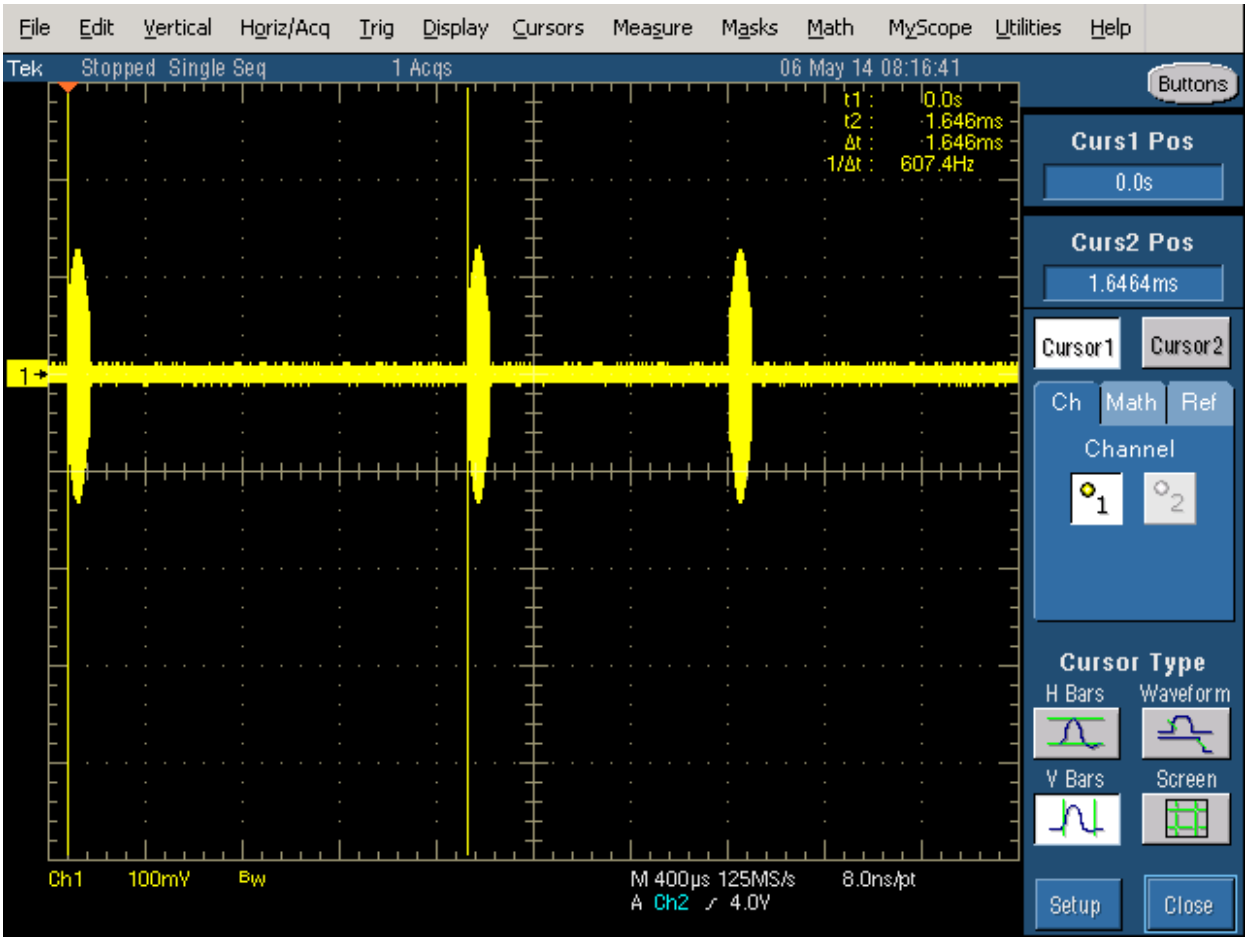


Figure 7 FCC Type 5 Radar (burst with three pulses, 1650 µs first period)

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

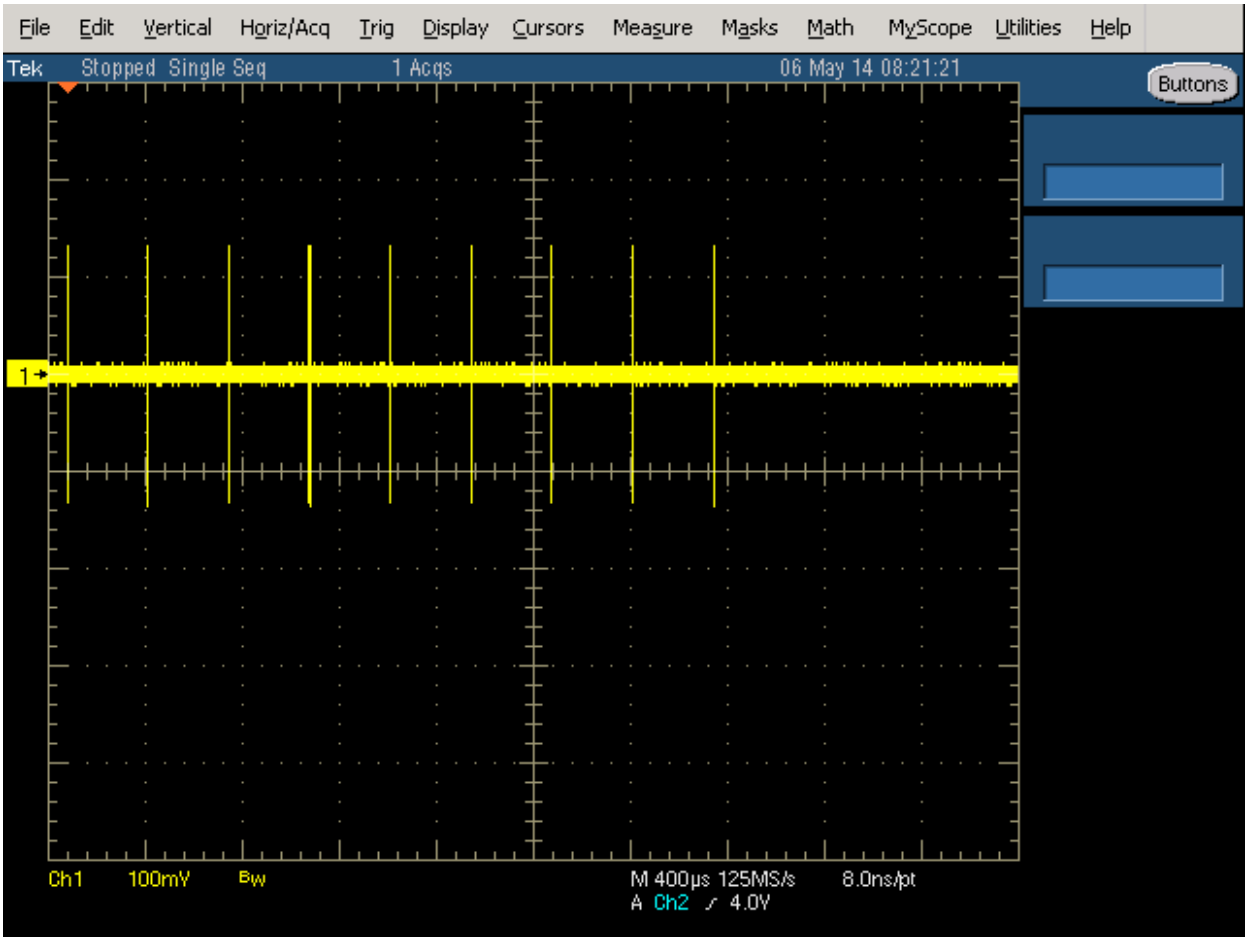


Figure 8 FCC Type 6 Radar (9 pulses in each burst)

DFS MEASUREMENT METHODS

DFS RADAR DETECTION BANDWIDTH

The radar detection bandwidth is determined by using FCC radar waveform 0 and applying radar pulses at offsets from the center channel frequency by multiples of 1-5 MHz. These bursts are applied with no traffic on the channel. The first frequencies above and below the center channel frequency that have a detection rate below 90% define the radar bandwidth, the actual range being 1MHz below the upper frequency and 1MHz above the lower frequency.

DFS – CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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

The aggregate transmission closing time is measured using below method:

FCC – 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 – DETECTION PROBABILITY

Radar signals at the threshold level +1 dB per FCC KDB 905462 D02 table 3 are applied to the EUT for each defined radar type. Multiple trials are performed to determine the probability of detection for each radar type which is compared to the required probabilities.

DFS – "ZERO-WAIT" CAC

Detection probability tests are performed on a potential new channel should the operating channel become unavailable due to the detection of radar. This allows for the use of the new channel without an initial 60 second CAC time normally required when changing channels.

DFS CHANNEL AVAILABILITY CHECK TIME

It is preferred that the EUT report when it starts the radar channel availability check. If the EUT does not report the start of the check time, then the time to start transmitting on a channel after switching the device on is measured to approximate the time from power-on to the end of the channel availability check. The start of the channel availability check is assumed to be 60 seconds prior to the first transmission on the channel.

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

UNIFORM LOADING

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

TRANSMIT POWER CONTROL (TPC)

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

SAMPLE CALCULATIONS

DETECTION PROBABILITY / SUCCESS RATE

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

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

THRESHOLD LEVEL

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

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

Appendix A Test Equipment Calibration Data

Manufacturer	Description	Model #	Asset #	Cal Due
Hewlett Packard	EMC Spectrum Analyzer 9 kHz - 6.5 GHz	8595EM	WC062528	04-Jun-22
ETS Lindgren	Antenna, Horn, 1-18 GHz	3117	WC064480	07-Jul-22
EMCO	Antenna, Horn, 1-18 GHz	3115	WC064707	07-Jul-22
Agilent Technologies	PSG, Vector Signal Generator, (250kHz - 20GHz)	E8267D	WC055673	22-Apr-22
Tektronix	350 MHz Digital Oscilloscope	TDS5034B	WC062552	19-Feb-22

Appendix B Test Data Tables for Radar Detection Probability

The plot below shows the channel loading during testing as evaluated over a 0.4 second period. The traffic was generated by iPerf and streaming video using VLC.

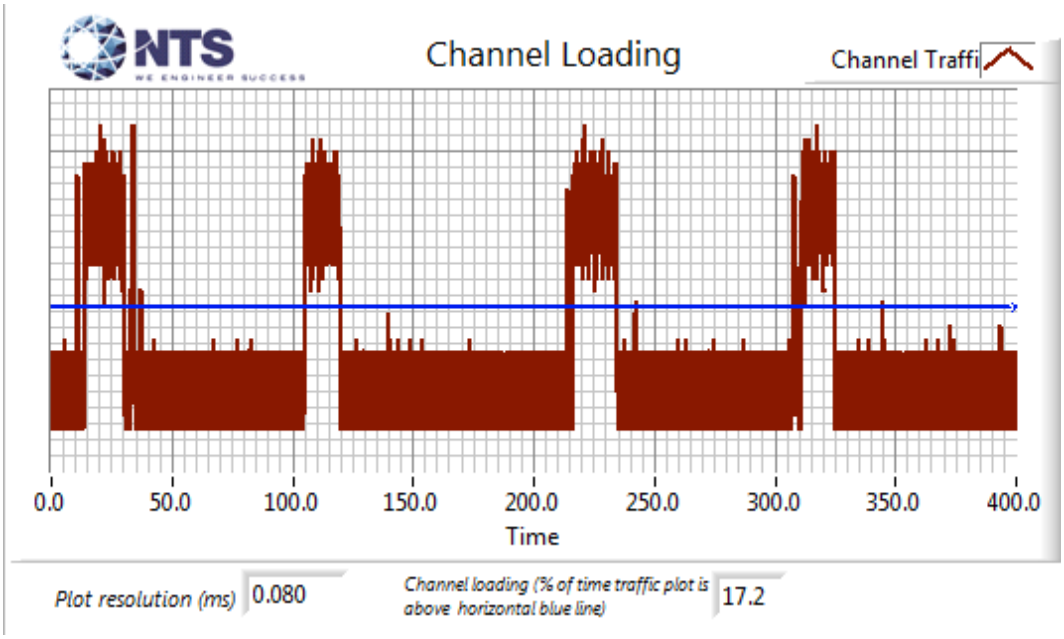


Figure 9 Channel Utilization During In-Service Detection Measurements (40MHz)

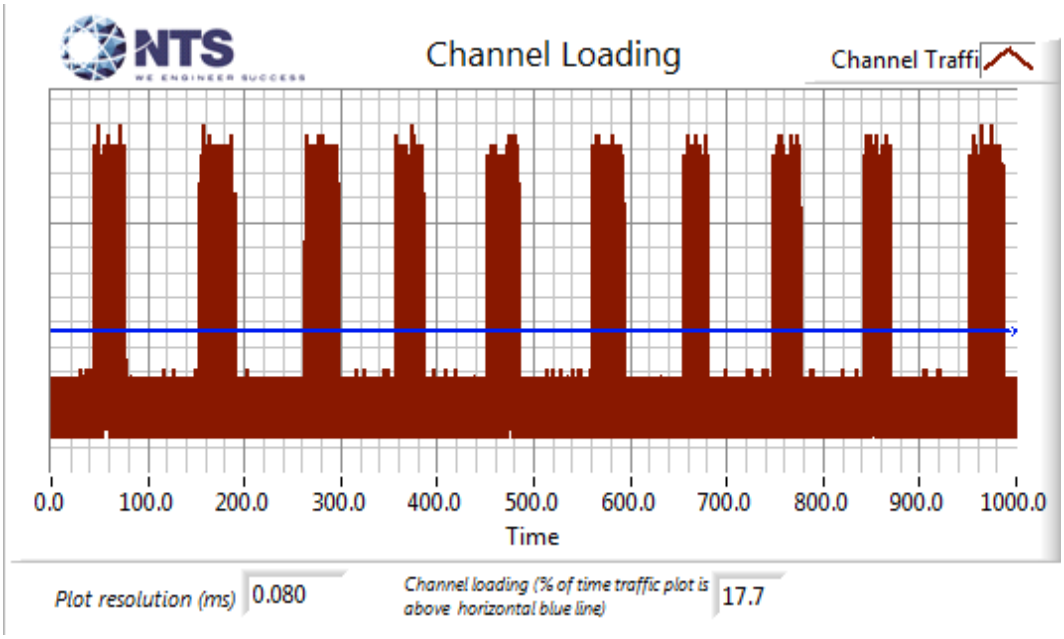


Figure 10 Channel Utilization During In-Service Detection Measurements (80MHz)

Table 11 - Summary of All Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	76.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	83.3 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	76.7 %	60.0 %	30	PASSED
Aggregate of above results	84.2 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	93.3 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	30	PASSED

Table 12 - Summary of All Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	93.3 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	96.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	76.7 %	60.0 %	30	PASSED
Aggregate of above results	90.0 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	93.3 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	96.7 %	70.0 %	30	PASSED

Table 13 - Summary of All Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	80.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	66.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	76.7 %	60.0 %	30	PASSED
Aggregate of above results	80.9 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	100.0 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	93.3 %	70.0 %	30	PASSED

Table 14 - Summary of All Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	86.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	93.3 %	60.0 %	30	PASSED
Aggregate of above results	92.5 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	93.3 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	30	PASSED

Table 15 - Summary of All Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	93.3 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	100.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	100.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	100.0 %	60.0 %	30	PASSED
Aggregate of above results	99.2 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	96.7 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	30	PASSED

Table 16 - Summary of All Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)				
Waveform Name	Pd (%)	Pd Required (%)	Number of Trials	Status
FCC Short Pulse Radar (Type 1A)	86.7 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 1B)	80.0 %	60.0 %	15	PASSED
FCC Short Pulse Radar (Type 2)	90.0 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 3)	76.7 %	60.0 %	30	PASSED
FCC Short Pulse Radar (Type 4)	86.7 %	60.0 %	30	PASSED
Aggregate of above results	84.2 %	80.0 %	120	PASSED
FCC Long Pulse Radar (Type 5)	86.7 %	80.0 %	30	PASSED
FCC frequency hopping radar (Type 6)	100.0 %	70.0 %	30	PASSED

Table 17 - FCC Short Pulse Radar (Type 1A) Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	83	1.0	638.0	Yes	5530.0MHz,-63.0dBm	Single burst
2	65	1.0	818.0	Yes	5538.7MHz,-63.0dBm	Single burst
3	61	1.0	878.0	Yes	5541.5MHz,-63.0dBm	Single burst
4	72	1.0	738.0	Yes	5549.1MHz,-63.0dBm	Single burst
5	70	1.0	758.0	Yes	5557.5MHz,-63.0dBm	Single burst
6	62	1.0	858.0	Yes	5563.3MHz,-63.0dBm	Single burst
7	76	1.0	698.0	Yes	5568.6MHz,-63.0dBm	Single burst
8	86	1.0	618.0	Yes	5491.4MHz,-63.0dBm	Single burst
9	67	1.0	798.0	Yes	5491.8MHz,-63.0dBm	Single burst
10	95	1.0	558.0	Yes	5493.8MHz,-63.0dBm	Single burst
11	74	1.0	718.0	Yes	5498.1MHz,-63.0dBm	Single burst
12	78	1.0	678.0	Yes	5501.5MHz,-63.0dBm	Single burst
13	59	1.0	898.0	Yes	5503.9MHz,-63.0dBm	Single burst
14	81	1.0	658.0	Yes	5515.6MHz,-63.0dBm	Single burst
15	63	1.0	838.0	Yes	5517.8MHz,-63.0dBm	Single burst

Table 18 - FCC Short Pulse Radar (Type 1B) Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	72	1.0	739.0	Yes	5530.0MHz,-63.0dBm	Single burst
2	26	1.0	2060.0	Yes	5542.9MHz,-63.0dBm	Single burst
3	19	1.0	2878.0	Yes	5551.9MHz,-63.0dBm	Single burst
4	21	1.0	2630.0	Yes	5560.1MHz,-63.0dBm	Single burst
5	23	1.0	2348.0	Yes	5567.4MHz,-63.0dBm	Single burst
6	24	1.0	2215.0	Yes	5568.6MHz,-63.0dBm	Single burst
7	29	1.0	1833.0	Yes	5491.4MHz,-63.0dBm	Single burst
8	25	1.0	2145.0	Yes	5496.1MHz,-63.0dBm	Single burst
9	20	1.0	2705.0	Yes	5505.6MHz,-63.0dBm	Single burst
10	56	1.0	955.0	Yes	5518.0MHz,-63.0dBm	Single burst
11	23	1.0	2385.0	Yes	5526.5MHz,-63.0dBm	Single burst
12	21	1.0	2552.0	Yes	5530.6MHz,-63.0dBm	Single burst
13	18	1.0	3009.0	Yes	5532.6MHz,-63.0dBm	Single burst
14	39	1.0	1357.0	Yes	5544.3MHz,-63.0dBm	Single burst
15	20	1.0	2715.0	Yes	5546.4MHz,-63.0dBm	Single burst

Table 19 - FCC Short Pulse Radar (Type 2) Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	29	3.6	162.0	Yes	5530.0MHz,-63.0dBm	Single burst
2	24	3.9	219.0	Yes	5537.9MHz,-63.0dBm	Single burst
3	28	2.3	173.0	Yes	5546.3MHz,-63.0dBm	Single burst
4	29	2.4	160.0	Yes	5555.9MHz,-63.0dBm	Single burst
5	26	3.5	188.0	Yes	5562.5MHz,-63.0dBm	Single burst
6	25	1.2	190.0	Yes	5567.3MHz,-63.0dBm	Single burst
7	25	1.5	216.0	Yes	5568.6MHz,-63.0dBm	Single burst
8	28	4.7	213.0	Yes	5491.4MHz,-63.0dBm	Single burst
9	29	3.5	154.0	Yes	5498.0MHz,-63.0dBm	Single burst
10	24	1.9	227.0	Yes	5501.9MHz,-63.0dBm	Single burst
11	24	3.0	220.0	Yes	5507.6MHz,-63.0dBm	Single burst
12	27	2.6	209.0	Yes	5514.2MHz,-63.0dBm	Single burst
13	27	4.3	200.0	Yes	5526.3MHz,-63.0dBm	Single burst
14	24	2.3	167.0	Yes	5537.3MHz,-63.0dBm	Single burst
15	25	1.8	204.0	Yes	5548.6MHz,-63.0dBm	Single burst
16	23	1.4	168.0	Yes	5557.2MHz,-63.0dBm	Single burst
17	24	2.6	175.0	No	5560.4MHz,-63.0dBm	Single burst
18	26	4.8	182.0	Yes	5560.4MHz,-63.0dBm	Single burst
19	23	5.0	188.0	Yes	5568.6MHz,-63.0dBm	Single burst
20	29	3.4	184.0	Yes	5491.4MHz,-63.0dBm	Single burst
21	26	2.8	173.0	Yes	5492.9MHz,-63.0dBm	Single burst
22	27	2.2	170.0	Yes	5496.2MHz,-63.0dBm	Single burst
23	25	3.6	216.0	No	5505.6MHz,-63.0dBm	Single burst
24	25	4.4	177.0	No	5505.6MHz,-63.0dBm	Single burst
25	25	2.6	225.0	No	5505.6MHz,-63.0dBm	Single burst
26	28	2.1	215.0	No	5505.6MHz,-63.0dBm	Single burst
27	27	4.4	214.0	No	5505.6MHz,-63.0dBm	Single burst
28	25	4.1	224.0	No	5505.6MHz,-63.0dBm	Single burst
29	27	3.7	209.0	Yes	5505.6MHz,-63.0dBm	Single burst
30	29	4.7	208.0	Yes	5506.8MHz,-63.0dBm	Single burst

Table 20 - FCC Short Pulse Radar (Type 3) Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	18	9.5	338.0	Yes	5530.0MHz,-63.0dBm	Single burst
2	18	7.2	423.0	Yes	5534.8MHz,-63.0dBm	Single burst
3	18	7.0	405.0	Yes	5537.3MHz,-63.0dBm	Single burst
4	18	8.8	432.0	Yes	5549.1MHz,-63.0dBm	Single burst
5	17	6.0	277.0	Yes	5557.6MHz,-63.0dBm	Single burst
6	16	9.8	207.0	Yes	5565.7MHz,-63.0dBm	Single burst
7	17	9.3	452.0	Yes	5568.6MHz,-63.0dBm	Single burst
8	17	6.9	423.0	Yes	5491.4MHz,-63.0dBm	Single burst
9	17	6.5	314.0	Yes	5492.9MHz,-63.0dBm	Single burst
10	17	7.9	371.0	Yes	5498.5MHz,-63.0dBm	Single burst
11	16	7.4	204.0	No	5501.9MHz,-63.0dBm	Single burst
12	16	8.0	435.0	No	5501.9MHz,-63.0dBm	Single burst
13	18	7.0	492.0	Yes	5501.9MHz,-63.0dBm	Single burst
14	18	8.2	418.0	Yes	5508.8MHz,-63.0dBm	Single burst
15	17	6.9	331.0	No	5510.0MHz,-63.0dBm	Single burst
16	16	7.3	289.0	Yes	5510.0MHz,-63.0dBm	Single burst
17	16	6.5	489.0	Yes	5512.0MHz,-63.0dBm	Single burst
18	17	7.4	246.0	Yes	5516.2MHz,-63.0dBm	Single burst
19	18	7.9	445.0	Yes	5518.1MHz,-63.0dBm	Single burst
20	17	8.6	216.0	Yes	5530.6MHz,-63.0dBm	Single burst
21	17	7.5	380.0	Yes	5543.6MHz,-63.0dBm	Single burst
22	18	9.2	460.0	Yes	5549.8MHz,-63.0dBm	Single burst
23	16	8.8	342.0	Yes	5556.5MHz,-63.0dBm	Single burst
24	18	9.8	424.0	Yes	5562.4MHz,-63.0dBm	Single burst
25	18	6.3	270.0	Yes	5567.4MHz,-63.0dBm	Single burst
26	18	9.4	304.0	Yes	5568.6MHz,-63.0dBm	Single burst
27	17	7.5	311.0	No	5491.4MHz,-63.0dBm	Single burst
28	18	8.5	455.0	Yes	5491.4MHz,-63.0dBm	Single burst
29	18	6.8	495.0	No	5499.1MHz,-63.0dBm	Single burst
30	16	6.5	351.0	Yes	5499.1MHz,-63.0dBm	Single burst

Table 21 - FCC Short Pulse Radar (Type 4) Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	14	12.7	222.0	Yes	5530.0MHz,-63.0dBm	Single burst
2	16	11.8	426.0	No	5535.2MHz,-63.0dBm	Single burst
3	14	11.4	201.0	Yes	5535.2MHz,-63.0dBm	Single burst
4	13	16.7	204.0	Yes	5541.3MHz,-63.0dBm	Single burst
5	14	12.5	288.0	Yes	5546.9MHz,-63.0dBm	Single burst
6	14	11.7	450.0	Yes	5551.1MHz,-63.0dBm	Single burst
7	12	20.0	313.0	No	5560.2MHz,-63.0dBm	Single burst
8	12	19.1	452.0	Yes	5560.2MHz,-63.0dBm	Single burst
9	14	13.5	455.0	Yes	5568.6MHz,-63.0dBm	Single burst
10	12	17.2	415.0	Yes	5491.4MHz,-63.0dBm	Single burst
11	16	17.0	442.0	Yes	5497.3MHz,-63.0dBm	Single burst
12	16	12.0	211.0	Yes	5510.1MHz,-63.0dBm	Single burst
13	14	17.5	317.0	Yes	5517.3MHz,-63.0dBm	Single burst
14	14	19.4	364.0	Yes	5523.0MHz,-63.0dBm	Single burst
15	16	13.4	208.0	Yes	5525.2MHz,-63.0dBm	Single burst
16	16	13.1	364.0	Yes	5529.8MHz,-63.0dBm	Single burst
17	12	13.5	348.0	Yes	5532.7MHz,-63.0dBm	Single burst
18	13	19.7	442.0	Yes	5543.9MHz,-63.0dBm	Single burst
19	16	17.7	380.0	No	5545.1MHz,-63.0dBm	Single burst
20	13	17.6	474.0	Yes	5545.1MHz,-63.0dBm	Single burst
21	14	16.5	300.0	No	5549.6MHz,-63.0dBm	Single burst
22	15	19.0	481.0	No	5549.6MHz,-63.0dBm	Single burst
23	13	17.5	498.0	Yes	5549.6MHz,-63.0dBm	Single burst
24	14	18.8	439.0	Yes	5556.6MHz,-63.0dBm	Single burst
25	13	17.8	297.0	No	5559.6MHz,-63.0dBm	Single burst
26	13	15.6	251.0	Yes	5559.6MHz,-63.0dBm	Single burst
27	13	12.9	334.0	Yes	5563.4MHz,-63.0dBm	Single burst
28	12	17.1	292.0	Yes	5568.6MHz,-63.0dBm	Single burst
29	15	15.5	360.0	No	5491.4MHz,-63.0dBm	Single burst
30	14	13.7	239.0	Yes	5491.4MHz,-63.0dBm	Single burst

Table 22 - FCC Long Pulse Radar Summary 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5530.0MHz,-63.0dBm
Trial #2	Detected	5530.0MHz,-63.0dBm
Trial #3	Detected	5530.0MHz,-63.0dBm
Trial #4	Detected	5530.0MHz,-63.0dBm
Trial #5	Detected	5530.0MHz,-63.0dBm
Trial #6	Detected	5530.0MHz,-63.0dBm
Trial #7	Detected	5530.0MHz,-63.0dBm
Trial #8	Detected	5530.0MHz,-63.0dBm
Trial #9	Detected	5530.0MHz,-63.0dBm
Trial #10	Detected	5530.0MHz,-63.0dBm
Trial #11	Detected	5497.4MHz,-63.0dBm
Trial #12	Detected	5497.0MHz,-63.0dBm
Trial #13	Detected	5495.0MHz,-63.0dBm
Trial #14	Detected	5495.8MHz,-63.0dBm
Trial #15	Detected	5497.0MHz,-63.0dBm
Trial #16	Detected	5495.8MHz,-63.0dBm
Trial #17	NOT Detected	5494.2MHz,-63.0dBm
Trial #18	Detected	5496.6MHz,-63.0dBm
Trial #19	Detected	5495.0MHz,-63.0dBm
Trial #20	Detected	5493.8MHz,-63.0dBm
Trial #21	Detected	5561.8MHz,-63.0dBm
Trial #22	Detected	5565.8MHz,-63.0dBm
Trial #23	Detected	5562.2MHz,-63.0dBm
Trial #24	Detected	5563.8MHz,-63.0dBm
Trial #25	Detected	5564.6MHz,-63.0dBm
Trial #26	Detected	5561.0MHz,-63.0dBm
Trial #27	NOT Detected	5561.4MHz,-63.0dBm
Trial #28	Detected	5564.2MHz,-63.0dBm
Trial #29	Detected	5564.6MHz,-63.0dBm
Trial #30	Detected	5561.0MHz,-63.0dBm

Table 23 - FCC Long Pulse Radar Trial#1 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	93.8	10	-	-	0.351250
2	2	78.5	10	1029.0	-	1.676309
3	3	75.8	10	1261.0	1749.0	1.811711
4	3	93.4	10	1680.0	1283.0	2.693835
5	2	71.9	10	1034.0	-	3.697359
6	1	99.8	10	-	-	4.693969
7	2	86.4	10	1550.0	-	5.687952
8	2	72.3	10	1448.0	-	6.367548
9	2	61.9	10	1091.0	-	6.899609
10	2	89.9	10	1114.0	-	8.372405
11	1	89.3	10	-	-	9.222452
12	2	75.1	10	1562.0	-	9.889336
13	2	52.8	10	1684.0	-	10.414669
14	1	54.2	10	-	-	11.471887

Table 24 - FCC Long Pulse Radar Trial#2 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	90.1	13	1861.0	-	0.843677
2	3	60.3	13	1031.0	1825.0	2.206842
3	3	57.5	13	1996.0	1010.0	3.540028
4	2	58.7	13	1693.0	-	4.171676
5	2	97.4	13	1720.0	-	5.160170
6	2	53.8	13	1815.0	-	7.027799
7	1	68.0	13	-	-	8.398638
8	3	50.6	13	1461.0	1148.0	8.674712
9	3	79.4	13	1726.0	1693.0	9.895775
10	3	84.3	13	1712.0	1313.0	11.139348

Table 25 - FCC Long Pulse Radar Trial#3 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	86.3	19	1895.0	1491.0	0.040537
2	2	86.2	19	1201.0	-	0.923054
3	1	86.7	19	-	-	2.281581
4	1	76.5	19	-	-	3.209982
5	2	83.8	19	1608.0	-	4.132381
6	1	85.6	19	-	-	4.770448
7	3	83.0	19	1104.0	1835.0	5.433881
8	2	98.8	19	1315.0	-	6.503617
9	2	76.2	19	1238.0	-	6.969945
10	3	70.8	19	1222.0	1849.0	7.962700
11	3	70.6	19	1165.0	1339.0	8.899076
12	1	69.7	19	-	-	9.909211
13	2	56.8	19	1784.0	-	10.654264
14	2	96.2	19	1443.0	-	11.620079

Table 26 - FCC Long Pulse Radar Trial#4 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	74.9	8	1616.0	1512.0	0.547975
2	1	82.0	8	-	-	1.556407
3	1	77.0	8	-	-	2.213289
4	1	94.3	8	-	-	2.402013
5	2	79.1	8	1482.0	-	3.692804
6	1	95.0	8	-	-	4.408895
7	3	91.4	8	1212.0	1833.0	4.863255
8	2	54.5	8	1419.0	-	5.854404
9	2	72.6	8	1885.0	-	6.642860
10	2	80.9	8	1324.0	-	7.588712
11	1	87.1	8	-	-	8.292878
12	2	94.0	8	1877.0	-	8.925973
13	2	55.9	8	1732.0	-	10.074507
14	2	53.7	8	1795.0	-	10.824342
15	3	63.6	8	2000.0	1200.0	11.348314

Table 27 - FCC Long Pulse Radar Trial#5 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	97.2	13	-	-	0.317598
2	2	62.5	13	1431.0	-	1.682499
3	2	95.2	13	1980.0	-	3.228136
4	1	67.4	13	-	-	4.057740
5	2	62.6	13	1895.0	-	6.364159
6	2	70.1	13	1414.0	-	6.969893
7	3	66.8	13	1417.0	1535.0	9.249876
8	3	50.5	13	1564.0	1315.0	9.515914
9	1	85.5	13	-	-	10.752558

Table 28 - FCC Long Pulse Radar Trial#6 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.0	20	1274.0	1411.0	0.185875
2	2	92.3	20	1731.0	-	1.167639
3	3	83.2	20	1649.0	1394.0	1.696013
4	2	97.6	20	1547.0	-	2.301001
5	1	82.0	20	-	-	3.249563
6	2	67.2	20	1061.0	-	3.534639
7	2	52.1	20	1990.0	-	4.502393
8	2	69.1	20	1478.0	-	5.129163
9	2	73.3	20	1252.0	-	5.995304
10	2	63.4	20	1284.0	-	6.357145
11	2	86.0	20	1649.0	-	7.321246
12	2	62.5	20	1461.0	-	8.439392
13	2	82.3	20	1941.0	-	8.569629
14	2	65.4	20	1846.0	-	9.521911
15	2	50.8	20	1516.0	-	10.539796
16	2	53.9	20	1695.0	-	10.889825
17	3	54.5	20	1322.0	1813.0	11.575385

Table 29 - FCC Long Pulse Radar Trial#7 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	92.4	9	1260.0	-	0.342960
2	1	52.4	9	-	-	1.730651
3	2	93.4	9	1908.0	-	2.191796
4	3	85.3	9	1984.0	1758.0	2.801928
5	2	73.1	9	1324.0	-	4.385047
6	2	52.6	9	1056.0	-	4.743403
7	3	98.7	9	1425.0	1484.0	5.585803
8	1	70.2	9	-	-	7.066844
9	1	57.6	9	-	-	8.190497
10	2	89.8	9	1691.0	-	8.719858
11	2	71.9	9	1799.0	-	9.943661
12	2	52.5	9	1102.0	-	10.975064
13	1	67.6	9	-	-	11.405863

Table 30 - FCC Long Pulse Radar Trial#8 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	57.7	12	1364.0	1889.0	0.413289
2	2	99.9	12	1040.0	-	1.116843
3	1	58.0	12	-	-	2.186421
4	2	97.4	12	1248.0	-	2.536122
5	3	77.3	12	1870.0	1627.0	3.561365
6	2	93.9	12	1257.0	-	4.573846
7	2	79.0	12	1016.0	-	5.498455
8	2	80.6	12	1184.0	-	6.044218
9	2	61.3	12	1087.0	-	7.086629
10	2	96.6	12	1613.0	-	7.853778
11	2	87.0	12	1307.0	-	8.048303
12	2	82.3	12	1001.0	-	9.460603
13	1	85.1	12	-	-	10.209531
14	2	90.3	12	1124.0	-	10.730961
15	2	77.6	12	1318.0	-	11.226180

Table 31 - FCC Long Pulse Radar Trial#9 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.7	16	1831.0	-	0.390974
2	2	80.5	16	1388.0	-	1.242539
3	2	73.0	16	1199.0	-	1.946025
4	1	90.0	16	-	-	2.046085
5	2	67.2	16	1329.0	-	2.928886
6	2	86.9	16	1360.0	-	3.346805
7	2	76.6	16	1209.0	-	4.661929
8	3	74.5	16	1499.0	1290.0	5.198253
9	3	88.1	16	1815.0	1455.0	5.629407
10	3	80.8	16	1519.0	1660.0	6.404432
11	3	61.9	16	1673.0	1987.0	7.047697
12	2	62.5	16	1343.0	-	7.694640
13	1	86.7	16	-	-	8.254052
14	2	62.7	16	1530.0	-	9.048885
15	2	90.6	16	1962.0	-	9.610436
16	1	95.4	16	-	-	10.546589
17	1	65.7	16	-	-	11.094147
18	3	72.7	16	1583.0	1699.0	11.713542

Table 32 - FCC Long Pulse Radar Trial#10 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	97.3	20	1883.0	-	0.005607
2	2	54.1	20	1082.0	-	0.937320
3	2	90.2	20	1992.0	-	1.295002
4	3	78.5	20	1071.0	1985.0	2.311079
5	1	81.0	20	-	-	2.545087
6	1	91.5	20	-	-	3.678333
7	2	78.5	20	1573.0	-	3.805456
8	2	68.6	20	1115.0	-	4.915637
9	2	67.1	20	1807.0	-	5.247217
10	3	53.9	20	1461.0	1236.0	6.114930
11	2	94.6	20	1418.0	-	6.324741
12	3	99.9	20	1734.0	1292.0	7.010690
13	3	96.7	20	1239.0	1629.0	7.699183
14	3	81.5	20	1710.0	1848.0	8.347658
15	3	68.2	20	1289.0	1623.0	9.130909
16	3	93.3	20	1299.0	1555.0	9.874327
17	2	58.5	20	1455.0	-	10.254568
18	2	76.4	20	1663.0	-	10.860706
19	2	51.0	20	1388.0	-	11.895311

Table 33 - FCC Long Pulse Radar Trial#11 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.4	15	1341.0	-	0.567340
2	2	56.6	15	1457.0	-	1.139941
3	2	71.7	15	1377.0	-	1.678410
4	2	59.5	15	1618.0	-	2.135018
5	3	75.1	15	1705.0	1936.0	2.519900
6	2	97.8	15	1570.0	-	3.477043
7	2	85.5	15	1536.0	-	4.117343
8	1	95.2	15	-	-	4.606516
9	2	80.9	15	1341.0	-	5.334601
10	2	68.3	15	1324.0	-	5.401261
11	2	78.1	15	1732.0	-	6.434999
12	2	93.4	15	1757.0	-	6.660499
13	3	55.9	15	1936.0	1125.0	7.278539
14	2	64.7	15	1534.0	-	8.213573
15	2	95.3	15	1142.0	-	8.802071
16	2	93.9	15	1761.0	-	9.196055
17	2	82.5	15	1648.0	-	10.098578
18	2	60.7	15	1784.0	-	10.761024
19	1	57.3	15	-	-	11.104018
20	2	63.5	15	1180.0	-	11.674883

Table 34 - FCC Long Pulse Radar Trial#12 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.8	14	1679.0	-	0.715901
2	2	61.0	14	1580.0	-	1.752572
3	1	81.8	14	-	-	2.980226
4	2	93.3	14	1664.0	-	4.176319
5	2	88.7	14	1461.0	-	5.687481
6	2	82.8	14	1860.0	-	6.067793
7	3	86.0	14	1379.0	1001.0	8.312753
8	2	60.4	14	1579.0	-	8.541083
9	1	86.5	14	-	-	10.239145
10	2	73.9	14	1322.0	-	11.225099

Table 35 - FCC Long Pulse Radar Trial#13 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	82.8	9	-	-	0.777025
2	1	73.1	9	-	-	1.144780
3	3	88.6	9	1956.0	1583.0	2.112980
4	2	55.3	9	1738.0	-	3.199893
5	2	72.1	9	1772.0	-	3.982753
6	3	99.2	9	1797.0	1077.0	4.562041
7	2	59.5	9	1691.0	-	5.574662
8	3	60.6	9	1880.0	1243.0	6.721256
9	3	86.6	9	1133.0	1828.0	7.345154
10	2	71.0	9	1739.0	-	7.934102
11	2	61.1	9	1282.0	-	8.882715
12	2	85.0	9	1791.0	-	9.577054
13	3	87.9	9	1210.0	1259.0	10.436675
14	1	54.0	9	-	-	11.356669

Table 36 - FCC Long Pulse Radar Trial#14 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	75.9	11	1481.0	-	0.386718
2	2	75.8	11	1299.0	-	1.498857
3	3	60.1	11	1581.0	1027.0	2.048783
4	2	77.2	11	1273.0	-	3.254086
5	3	82.3	11	1765.0	1634.0	3.444680
6	2	69.6	11	1315.0	-	4.884302
7	2	94.4	11	1956.0	-	5.232718
8	2	69.1	11	1232.0	-	6.547049
9	1	78.0	11	-	-	7.488016
10	1	91.9	11	-	-	7.782806
11	1	97.5	11	-	-	9.067856
12	2	86.8	11	1742.0	-	9.977523
13	3	69.7	11	1472.0	1329.0	10.637167
14	2	75.9	11	1786.0	-	11.406374

Table 37 - FCC Long Pulse Radar Trial#15 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	79.4	14	1282.0	1771.0	0.143220
2	3	98.2	14	1216.0	1323.0	1.133760
3	1	66.5	14	-	-	1.891392
4	3	53.9	14	1406.0	1133.0	2.787936
5	3	99.9	14	1185.0	1927.0	3.668706
6	2	71.6	14	1338.0	-	4.297355
7	1	71.9	14	-	-	4.620111
8	3	53.6	14	1010.0	1450.0	5.786270
9	2	83.9	14	1967.0	-	6.424148
10	2	72.8	14	1665.0	-	6.837301
11	2	60.3	14	1108.0	-	7.816531
12	1	65.7	14	-	-	8.601118
13	2	86.4	14	1333.0	-	9.464193
14	2	63.8	14	1678.0	-	10.315586
15	3	91.0	14	1762.0	1418.0	10.639747
16	2	57.2	14	1107.0	-	11.646765

Table 38 - FCC Long Pulse Radar Trial#16 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.7	11	1583.0	-	0.167121
2	1	81.1	11	-	-	0.986793
3	3	87.3	11	1106.0	1276.0	1.797648
4	3	88.2	11	1311.0	1638.0	2.414207
5	2	68.2	11	1543.0	-	2.967928
6	3	54.0	11	1752.0	1555.0	3.759978
7	2	60.9	11	1936.0	-	4.697874
8	3	72.9	11	1929.0	1386.0	5.401531
9	2	54.5	11	1113.0	-	6.161254
10	2	62.9	11	1528.0	-	6.932941
11	3	87.8	11	1841.0	1966.0	7.466698
12	1	90.1	11	-	-	7.938799
13	1	94.8	11	-	-	9.006411
14	1	57.5	11	-	-	9.810794
15	2	91.8	11	1632.0	-	10.551084
16	3	70.4	11	1202.0	1758.0	11.099286
17	1	56.6	11	-	-	11.569507

Table 39 - FCC Long Pulse Radar Trial#17 (NOT Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	79.3	18	1606.0	-	1.015376
2	2	89.8	18	1012.0	-	1.974350
3	2	69.1	18	1537.0	-	2.706184
4	1	92.4	18	-	-	4.313304
5	1	77.8	18	-	-	5.600377
6	1	75.9	18	-	-	6.848135
7	1	97.1	18	-	-	7.217910
8	2	57.6	18	1311.0	-	9.337461
9	1	67.8	18	-	-	10.047582
10	2	72.5	18	1938.0	-	11.092437

Table 40 - FCC Long Pulse Radar Trial#18 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.9	13	1899.0	-	0.109310
2	2	74.4	13	1646.0	-	0.810668
3	2	72.3	13	1594.0	-	1.712196
4	3	81.1	13	1619.0	1612.0	2.951967
5	2	59.6	13	1572.0	-	3.346735
6	2	57.1	13	1384.0	-	4.414116
7	3	85.4	13	1968.0	1459.0	4.821611
8	2	65.1	13	1710.0	-	6.367679
9	3	89.3	13	1801.0	1366.0	6.414670
10	2	96.3	13	1620.0	-	7.847631
11	1	58.8	13	-	-	8.132250
12	1	94.3	13	-	-	9.069983
13	3	70.4	13	1719.0	1208.0	10.144130
14	2	84.5	13	1116.0	-	10.411587
15	1	88.7	13	-	-	11.940275

Table 41 - FCC Long Pulse Radar Trial#19 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.2	9	1091.0	-	0.057041
2	2	68.3	9	1751.0	-	1.633730
3	2	62.2	9	1718.0	-	2.999974
4	3	50.9	9	1359.0	1340.0	4.067964
5	1	88.2	9	-	-	4.826512
6	3	79.9	9	1031.0	1056.0	7.052608
7	1	83.4	9	-	-	7.960646
8	3	95.2	9	1823.0	1602.0	9.315988
9	2	64.8	9	1679.0	-	10.362783
10	3	94.2	9	1537.0	1947.0	11.536253

Table 42 - FCC Long Pulse Radar Trial#20 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	52.8	6	-	-	0.039974
2	3	83.1	6	1917.0	1811.0	1.370644
3	3	60.9	6	1535.0	1991.0	2.167128
4	3	97.6	6	1089.0	1197.0	2.928090
5	1	60.2	6	-	-	3.471583
6	3	93.9	6	1317.0	1605.0	3.866001
7	2	62.2	6	1434.0	-	5.041575
8	3	67.8	6	1317.0	1330.0	5.973786
9	3	80.9	6	1941.0	1083.0	6.603604
10	2	75.0	6	1069.0	-	6.795316
11	2	86.5	6	1155.0	-	8.027997
12	2	52.1	6	1327.0	-	8.931095
13	2	94.5	6	1233.0	-	9.469201
14	2	99.4	6	1710.0	-	10.243006
15	2	58.6	6	1719.0	-	10.542140
16	3	78.6	6	1306.0	1423.0	11.544748

Table 43 - FCC Long Pulse Radar Trial#21 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	91.3	17	-	-	0.595314
2	1	89.0	17	-	-	1.280325
3	2	91.0	17	1441.0	-	1.618746
4	3	71.7	17	1078.0	1382.0	2.022385
5	2	95.0	17	1192.0	-	3.010683
6	2	81.1	17	1624.0	-	3.617092
7	3	78.5	17	1253.0	1168.0	4.202407
8	2	97.5	17	1115.0	-	4.815640
9	3	97.2	17	1863.0	1243.0	5.504182
10	2	88.1	17	1395.0	-	6.427353
11	1	50.1	17	-	-	6.996814
12	1	54.6	17	-	-	7.352224
13	3	74.2	17	1643.0	1864.0	8.339667
14	3	82.4	17	1573.0	1846.0	8.765892
15	3	78.3	17	1375.0	1383.0	9.683104
16	2	88.6	17	1512.0	-	10.492586
17	1	59.1	17	-	-	10.969512
18	2	81.4	17	1330.0	-	11.853448

Table 44 - FCC Long Pulse Radar Trial#22 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.5	7	1517.0	-	0.243919
2	2	70.4	7	1674.0	-	0.904814
3	2	60.0	7	1117.0	-	1.564309
4	2	59.5	7	1245.0	-	2.469907
5	1	86.0	7	-	-	3.204054
6	2	89.7	7	1159.0	-	3.767082
7	2	75.2	7	1677.0	-	4.014434
8	2	65.3	7	1653.0	-	4.797994
9	3	75.2	7	1538.0	1750.0	5.644651
10	2	68.6	7	1304.0	-	6.204663
11	2	57.2	7	1952.0	-	6.874903
12	2	89.0	7	1541.0	-	7.783470
13	2	94.5	7	1222.0	-	8.177813
14	2	54.3	7	1036.0	-	9.298855
15	1	95.8	7	-	-	9.660430
16	3	55.6	7	1063.0	1491.0	10.457163
17	3	82.6	7	1292.0	1008.0	11.114603
18	1	82.2	7	-	-	11.796908

Table 45 - FCC Long Pulse Radar Trial#23 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	57.2	16	1985.0	1974.0	0.683128
2	1	77.5	16	-	-	1.227595
3	3	98.6	16	1342.0	1467.0	1.834111
4	1	92.3	16	-	-	2.912333
5	1	83.7	16	-	-	3.979472
6	3	61.6	16	1365.0	1689.0	4.681883
7	2	88.6	16	1067.0	-	5.449086
8	2	83.9	16	1156.0	-	5.612533
9	1	59.5	16	-	-	6.905356
10	3	50.7	16	1573.0	1037.0	7.265865
11	1	73.0	16	-	-	8.227722
12	3	81.7	16	1898.0	1117.0	9.308907
13	1	61.7	16	-	-	10.073334
14	1	76.7	16	-	-	10.706440
15	2	56.4	16	1990.0	-	11.689748

Table 46 - FCC Long Pulse Radar Trial#24 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	90.4	12	1458.0	-	0.649250
2	1	55.3	12	-	-	1.399914
3	3	89.9	12	1283.0	1406.0	1.834359
4	2	54.5	12	1929.0	-	3.209266
5	3	54.9	12	1238.0	1490.0	4.091553
6	1	95.2	12	-	-	4.982727
7	3	92.2	12	1437.0	1593.0	5.867747
8	2	77.8	12	1105.0	-	6.358182
9	1	51.8	12	-	-	7.149448
10	1	55.9	12	-	-	8.552077
11	3	98.3	12	1646.0	1832.0	8.943836
12	2	84.6	12	1395.0	-	9.843626
13	3	82.1	12	1671.0	1559.0	10.298955
14	2	56.0	12	1989.0	-	11.505972

Table 47 - FCC Long Pulse Radar Trial#25 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	99.4	10	-	-	0.764583
2	1	86.4	10	-	-	1.860914
3	2	64.1	10	1884.0	-	2.574300
4	2	78.4	10	1001.0	-	3.452605
5	1	69.1	10	-	-	4.370769
6	2	80.2	10	1076.0	-	5.531436
7	2	62.6	10	1745.0	-	6.896734
8	3	57.6	10	1888.0	1012.0	7.898838
9	1	85.6	10	-	-	8.110695
10	3	89.8	10	1729.0	1958.0	9.872288
11	2	60.6	10	1420.0	-	10.243755
12	2	70.9	10	1767.0	-	11.347133

Table 48 - FCC Long Pulse Radar Trial#26 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	77.7	19	-	-	0.252851
2	3	70.8	19	1852.0	1576.0	1.369388
3	3	58.0	19	1869.0	1077.0	2.453273
4	2	55.9	19	1855.0	-	2.880744
5	2	82.0	19	1302.0	-	3.712381
6	2	72.9	19	1214.0	-	4.680874
7	3	96.9	19	1076.0	1763.0	6.351936
8	2	87.6	19	1624.0	-	6.624860
9	2	68.4	19	1905.0	-	8.160954
10	1	89.2	19	-	-	9.055982
11	3	80.6	19	1834.0	1242.0	9.901838
12	3	57.5	19	1631.0	1489.0	10.699279
13	2	72.8	19	1339.0	-	11.406632

Table 49 - FCC Long Pulse Radar Trial#27 (NOT Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	65.1	7	-	-	0.296779
2	2	95.7	7	1947.0	-	1.782650
3	1	70.7	7	-	-	3.962329
4	3	65.4	7	1639.0	1490.0	4.628213
5	2	74.0	7	1469.0	-	6.395398
6	2	73.2	7	1773.0	-	6.685130
7	1	82.6	7	-	-	8.196224
8	1	88.3	7	-	-	10.188197
9	2	97.0	7	1338.0	-	11.312397

Table 50 - FCC Long Pulse Radar Trial#28 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.8	11	1575.0	-	0.644098
2	1	93.1	11	-	-	0.972121
3	1	68.3	11	-	-	2.096045
4	1	62.2	11	-	-	2.277704
5	1	77.0	11	-	-	3.075717
6	3	53.0	11	1463.0	1943.0	3.799446
7	2	66.3	11	1719.0	-	4.250511
8	2	54.9	11	1893.0	-	4.957308
9	2	79.6	11	1587.0	-	5.855338
10	2	58.3	11	1399.0	-	6.885216
11	1	92.7	11	-	-	7.485921
12	3	75.5	11	1648.0	1442.0	8.269033
13	1	91.4	11	-	-	9.154523
14	3	54.9	11	1556.0	1014.0	9.543586
15	3	63.5	11	1549.0	1460.0	10.403806
16	3	85.3	11	1231.0	1444.0	10.744157
17	3	89.3	11	1070.0	1187.0	11.326323

Table 51 - FCC Long Pulse Radar Trial#29 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.5	10	1582.0	-	0.386083
2	3	88.7	10	1276.0	1564.0	0.820995
3	2	94.2	10	1185.0	-	1.747020
4	1	85.3	10	-	-	2.554000
5	2	56.0	10	1951.0	-	3.473324
6	3	71.7	10	1637.0	1812.0	3.983570
7	2	72.8	10	1985.0	-	5.036199
8	3	95.3	10	1571.0	1821.0	5.588049
9	3	90.5	10	1973.0	1666.0	6.002627
10	2	80.1	10	1099.0	-	7.163679
11	1	70.6	10	-	-	7.910154
12	3	61.0	10	1150.0	1999.0	8.566064
13	1	85.7	10	-	-	9.491069
14	1	62.5	10	-	-	10.141400
15	2	63.4	10	1097.0	-	10.664749
16	3	89.0	10	1354.0	1777.0	11.650109

Table 52 - FCC Long Pulse Radar Trial#30 (Detected) 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	52.2	19	1368.0	-	0.178075
2	2	55.8	19	1307.0	-	1.712789
3	2	86.6	19	1053.0	-	3.417784
4	2	96.7	19	1328.0	-	4.042285
5	3	62.0	19	1145.0	1411.0	5.730263
6	3	86.3	19	1147.0	1082.0	7.679355
7	2	99.3	19	1616.0	-	8.735647
8	2	64.8	19	1318.0	-	9.381831
9	2	65.2	19	1573.0	-	10.836018

Table 53 - FCC frequency hopping radar Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
1	9	1.0	333.0	Yes	5530.0MHz, -63.0dBm	Hop sequence: 5282, 5320, 5325, 5253, 5585, 5660, 5553, 5546, 5257, 5374, 5267, 5568, 5494, 5462, 5561, 5457, 5631, 5321, 5577, 5460, 5647, 5418, 5263, 5439, 5627, 5479, 5677, 5299, 5429, 5654, 5467, 5285, 5680, 5615, 5421, 5635, 5318, 5386, 5471, 5338, 5251, 5636, 5620, 5626, 5393, 5295, 5453, 5476, 5278, 5432, 5341, 5610, 5596, 5332, 5456, 5493, 5364, 5310, 5593, 5520, 5713, 5297, 5637, 5449, 5556, 5578, 5415, 5440, 5443, 5685, 5280, 5572, 5702, 5566, 5711, 5424, 5726, 5710, 5470, 5410, 5705, 5552, 5512, 5423, 5644, 5417, 5703, 5508, 5663, 5448, 5592, 5659, 5260, 5444, 5428, 5291, 5426, 5477, 5304, 5539 (13 hits)
2	9	1.0	333.0	Yes	5538.1MHz, -63.0dBm	Hop sequence: 5429, 5558, 5431, 5333, 5496, 5433, 5488, 5356, 5355, 5299, 5573, 5265, 5523, 5561, 5340, 5534, 5711, 5580, 5719, 5547, 5428, 5666, 5582, 5358, 5420, 5680, 5588, 5475, 5364, 5279, 5633, 5258, 5642, 5704, 5481, 5648, 5373, 5718, 5462, 5707, 5287, 5529, 5266, 5555, 5453, 5278, 5254, 5458, 5339, 5392, 5626, 5282, 5533, 5459, 5410, 5700, 5715, 5622, 5710, 5562, 5492, 5608, 5479, 5450, 5696, 5517, 5294, 5690, 5372, 5569, 5435, 5530, 5270, 5256, 5273, 5617, 5708, 5362, 5387, 5670, 5591, 5663, 5308, 5652, 5260, 5262, 5538, 5689, 5679, 5297, 5709, 5415, 5300, 5469, 5345, 5502, 5409, 5726, 5403, 5318 (15 hits)
3	9	1.0	333.0	Yes	5548.8MHz, -63.0dBm	Hop sequence: 5501, 5709, 5531, 5565, 5471, 5586, 5654, 5252, 5600, 5342, 5658, 5662, 5352, 5692, 5316, 5712, 5523, 5635, 5672, 5578, 5365, 5393, 5307, 5571, 5327, 5528, 5638, 5706, 5362, 5292, 5478, 5562, 5495, 5286, 5410, 5468, 5717, 5530, 5437, 5481, 5293, 5508, 5335, 5285, 5610, 5379, 5270, 5634, 5723, 5589, 5310, 5265, 5373, 5588, 5557, 5298, 5623, 5341, 5445, 5539, 5580, 5540, 5339, 5424, 5716, 5428, 5340, 5713, 5704, 5592, 5676, 5269, 5636, 5624, 5663, 5356, 5429, 5606, 5291, 5281, 5261, 5574, 5546, 5683, 5702, 5404, 5583, 5645, 5615, 5558, 5476, 5358, 5304, 5496, 5308, 5655, 5621, 5394, 5608, 5581 (15 hits)
4	9	1.0	333.0	Yes	5554.0MHz, -63.0dBm	Hop sequence: 5463, 5298, 5448, 5711, 5623, 5667, 5457, 5662, 5470, 5673, 5674, 5345, 5491, 5269, 5322, 5316, 5582, 5474, 5638, 5666, 5598, 5407, 5652, 5351, 5290, 5597, 5562, 5391, 5697, 5548, 5395, 5583, 5348, 5473, 5718, 5431, 5281, 5525, 5366, 5605, 5680, 5565, 5321, 5477, 5478, 5259, 5302, 5454, 5596, 5635, 5335, 5297, 5511, 5458, 5602, 5484, 5449, 5294, 5660, 5578, 5476, 5268, 5589, 5498, 5575, 5315, 5603, 5272, 5557, 5581, 5618, 5547, 5607, 5571, 5614, 5527, 5482, 5545, 5606, 5609, 5308, 5413, 5336, 5422, 5515, 5524, 5349, 5601, 5523, 5340, 5360, 5475, 5423, 5659,

Table 53 - FCC frequency hopping radar Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5595, 5379, 5339, 5532, 5467, 5684 (14 hits)
5	9	1.0	333.0	Yes	5565.7MHz, -63.0dBm	Hop sequence: 5322, 5410, 5450, 5502, 5251, 5416, 5399, 5363, 5369, 5666, 5566, 5594, 5275, 5711, 5691, 5590, 5685, 5503, 5717, 5460, 5588, 5278, 5364, 5272, 5534, 5324, 5485, 5353, 5578, 5423, 5524, 5456, 5459, 5726, 5464, 5295, 5466, 5696, 5509, 5393, 5495, 5255, 5303, 5488, 5608, 5378, 5715, 5593, 5269, 5633, 5573, 5446, 5636, 5441, 5651, 5526, 5435, 5555, 5316, 5689, 5452, 5587, 5259, 5637, 5279, 5337, 5642, 5530, 5724, 5282, 5478, 5276, 5719, 5567, 5286, 5659, 5500, 5511, 5331, 5387, 5601, 5381, 5677, 5380, 5627, 5414, 5652, 5603, 5299, 5268, 5448, 5355, 5354, 5382, 5328, 5634, 5697, 5377, 5579, 5569 (13 hits)
6	9	1.0	333.0	Yes	5568.6MHz, -63.0dBm	Hop sequence: 5625, 5362, 5624, 5491, 5512, 5499, 5525, 5285, 5403, 5443, 5671, 5385, 5396, 5281, 5616, 5632, 5291, 5547, 5324, 5725, 5541, 5623, 5489, 5628, 5551, 5565, 5634, 5442, 5643, 5709, 5604, 5569, 5720, 5325, 5293, 5613, 5564, 5446, 5326, 5369, 5404, 5683, 5458, 5533, 5517, 5580, 5621, 5713, 5498, 5319, 5526, 5667, 5339, 5378, 5392, 5387, 5334, 5581, 5696, 5568, 5279, 5277, 5537, 5505, 5563, 5599, 5410, 5428, 5272, 5585, 5257, 5355, 5571, 5717, 5523, 5260, 5468, 5697, 5310, 5275, 5388, 5436, 5605, 5417, 5483, 5556, 5418, 5357, 5652, 5597, 5519, 5473, 5286, 5287, 5663, 5719, 5669, 5444, 5351, 5415 (19 hits)
7	9	1.0	333.0	Yes	5491.4MHz, -63.0dBm	Hop sequence: 5448, 5434, 5381, 5722, 5700, 5311, 5530, 5405, 5637, 5488, 5436, 5385, 5387, 5615, 5691, 5723, 5505, 5467, 5424, 5288, 5683, 5653, 5645, 5386, 5670, 5297, 5566, 5654, 5522, 5621, 5668, 5290, 5417, 5693, 5567, 5473, 5543, 5454, 5647, 5510, 5378, 5617, 5411, 5575, 5533, 5538, 5503, 5309, 5569, 5540, 5395, 5339, 5651, 5359, 5666, 5512, 5403, 5507, 5620, 5276, 5335, 5280, 5697, 5461, 5254, 5482, 5603, 5675, 5589, 5318, 5437, 5555, 5594, 5444, 5281, 5562, 5442, 5532, 5652, 5588, 5659, 5371, 5638, 5389, 5349, 5430, 5346, 5641, 5459, 5260, 5504, 5498, 5402, 5678, 5460, 5259, 5646, 5681, 5591, 5407 (18 hits)
8	9	1.0	333.0	Yes	5504.2MHz, -63.0dBm	Hop sequence: 5674, 5258, 5595, 5265, 5616, 5300, 5392, 5288, 5633, 5503, 5363, 5419, 5298, 5473, 5491, 5677, 5668, 5361, 5488, 5587, 5390, 5588, 5565, 5490, 5663, 5613, 5698, 5544, 5513, 5499, 5414, 5680, 5493, 5557, 5531, 5263, 5305, 5250, 5579, 5685, 5715, 5533, 5597, 5477, 5713, 5377, 5444, 5476, 5309, 5471, 5569, 5269, 5276, 5387, 5299, 5619, 5679, 5405, 5553, 5575, 5684, 5350, 5610, 5466, 5465, 5381, 5367, 5571, 5697, 5536, 5711, 5252, 5383, 5408, 5372, 5543, 5695, 5514,

Table 53 - FCC frequency hopping radar Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5412, 5604, 5502, 5255, 5431, 5682, 5687, 5523, 5404, 5251, 5479, 5511, 5452, 5283, 5407, 5394, 5302, 5428, 5560, 5683, 5570, 5256 (17 hits)
9	9	1.0	333.0	Yes	5512.7MHz, -63.0dBm	Hop sequence: 5386, 5397, 5250, 5671, 5641, 5543, 5563, 5316, 5628, 5361, 5532, 5611, 5281, 5378, 5555, 5627, 5373, 5402, 5500, 5584, 5679, 5288, 5392, 5656, 5652, 5708, 5396, 5559, 5705, 5726, 5640, 5697, 5620, 5476, 5405, 5553, 5452, 5612, 5698, 5294, 5449, 5277, 5717, 5551, 5665, 5587, 5419, 5686, 5592, 5565, 5448, 5602, 5625, 5724, 5306, 5509, 5356, 5320, 5489, 5534, 5412, 5486, 5445, 5492, 5297, 5264, 5399, 5467, 5657, 5410, 5364, 5261, 5271, 5311, 5346, 5300, 5408, 5658, 5460, 5375, 5437, 5381, 5685, 5572, 5369, 5256, 5703, 5667, 5296, 5608, 5411, 5263, 5577, 5331, 5709, 5401, 5348, 5566, 5638, 5595 (13 hits)
10	9	1.0	333.0	Yes	5516.0MHz, -63.0dBm	Hop sequence: 5376, 5558, 5324, 5664, 5526, 5269, 5603, 5293, 5655, 5692, 5486, 5351, 5532, 5648, 5565, 5332, 5710, 5421, 5359, 5275, 5722, 5614, 5613, 5641, 5525, 5577, 5697, 5717, 5416, 5610, 5402, 5570, 5304, 5553, 5290, 5308, 5516, 5617, 5639, 5588, 5455, 5397, 5551, 5699, 5363, 5440, 5274, 5635, 5701, 5575, 5404, 5578, 5356, 5715, 5474, 5390, 5306, 5297, 5371, 5406, 5311, 5555, 5368, 5721, 5362, 5512, 5305, 5489, 5415, 5280, 5313, 5621, 5689, 5554, 5463, 5483, 5266, 5595, 5301, 5511, 5563, 5392, 5476, 5602, 5426, 5494, 5349, 5678, 5716, 5291, 5343, 5642, 5444, 5490, 5708, 5478, 5679, 5339, 5705, 5467 (14 hits)
11	9	1.0	333.0	Yes	5519.3MHz, -63.0dBm	Hop sequence: 5536, 5456, 5266, 5459, 5533, 5382, 5377, 5503, 5302, 5603, 5571, 5546, 5673, 5684, 5561, 5616, 5367, 5547, 5630, 5586, 5558, 5619, 5661, 5592, 5720, 5341, 5686, 5532, 5347, 5551, 5435, 5488, 5602, 5537, 5343, 5304, 5250, 5465, 5529, 5422, 5692, 5429, 5447, 5257, 5270, 5283, 5649, 5358, 5418, 5362, 5545, 5312, 5254, 5448, 5368, 5486, 5364, 5640, 5454, 5469, 5675, 5508, 5708, 5420, 5505, 5565, 5689, 5332, 5352, 5260, 5286, 5480, 5652, 5576, 5318, 5653, 5691, 5271, 5719, 5473, 5300, 5670, 5695, 5387, 5277, 5654, 5258, 5479, 5499, 5709, 5555, 5512, 5307, 5638, 5492, 5541, 5393, 5299, 5517, 5276 (21 hits)
12	9	1.0	333.0	Yes	5525.7MHz, -63.0dBm	Hop sequence: 5641, 5412, 5622, 5298, 5423, 5653, 5381, 5477, 5668, 5355, 5257, 5340, 5616, 5557, 5509, 5679, 5264, 5702, 5437, 5353, 5692, 5703, 5536, 5546, 5649, 5523, 5373, 5601, 5383, 5465, 5335, 5537, 5275, 5575, 5688, 5258, 5587, 5424, 5445, 5481, 5709, 5303, 5568, 5372, 5378, 5344, 5558, 5549, 5619, 5561, 5586, 5413, 5434, 5309, 5579, 5283, 5585, 5441, 5461, 5634, 5607, 5290,

Table 53 - FCC frequency hopping radar Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5608, 5347, 5271, 5635, 5522, 5462, 5396, 5696, 5652, 5334, 5361, 5650, 5394, 5289, 5590, 5265, 5513, 5525, 5550, 5691, 5304, 5640, 5282, 5442, 5665, 5625, 5613, 5497, 5556, 5318, 5438, 5259, 5317, 5726, 5389, 5673, 5263, 5482 (16 hits)
13	9	1.0	333.0	Yes	5527.1MHz, -63.0dBm	Hop sequence: 5669, 5641, 5625, 5284, 5525, 5517, 5485, 5462, 5377, 5287, 5711, 5533, 5519, 5671, 5635, 5512, 5389, 5695, 5639, 5483, 5273, 5611, 5340, 5334, 5620, 5670, 5594, 5381, 5602, 5308, 5521, 5400, 5446, 5430, 5306, 5493, 5552, 5511, 5480, 5633, 5698, 5550, 5688, 5337, 5575, 5279, 5277, 5271, 5636, 5721, 5445, 5538, 5640, 5563, 5342, 5564, 5571, 5396, 5659, 5595, 5449, 5300, 5630, 5604, 5555, 5293, 5515, 5407, 5275, 5665, 5522, 5434, 5477, 5343, 5364, 5609, 5348, 5500, 5264, 5393, 5457, 5298, 5481, 5332, 5382, 5593, 5491, 5357, 5339, 5714, 5467, 5719, 5458, 5413, 5361, 5345, 5336, 5291, 5651, 5507 (18 hits)
14	9	1.0	333.0	Yes	5536.1MHz, -63.0dBm	Hop sequence: 5427, 5540, 5645, 5358, 5308, 5591, 5585, 5582, 5497, 5299, 5482, 5718, 5281, 5392, 5380, 5272, 5394, 5545, 5436, 5551, 5699, 5333, 5311, 5502, 5673, 5565, 5294, 5590, 5539, 5528, 5511, 5532, 5433, 5669, 5383, 5287, 5486, 5313, 5312, 5577, 5648, 5614, 5709, 5274, 5346, 5296, 5341, 5609, 5389, 5450, 5400, 5365, 5490, 5440, 5579, 5529, 5710, 5560, 5453, 5258, 5469, 5629, 5315, 5505, 5538, 5535, 5401, 5552, 5635, 5472, 5468, 5363, 5562, 5719, 5262, 5643, 5393, 5396, 5652, 5268, 5546, 5267, 5368, 5314, 5251, 5452, 5534, 5321, 5366, 5698, 5279, 5459, 5631, 5647, 5445, 5681, 5372, 5670, 5318, 5592 (19 hits)
15	9	1.0	333.0	Yes	5547.0MHz, -63.0dBm	Hop sequence: 5276, 5277, 5612, 5652, 5496, 5296, 5619, 5268, 5376, 5471, 5365, 5313, 5562, 5281, 5311, 5434, 5514, 5374, 5316, 5681, 5679, 5274, 5468, 5499, 5680, 5498, 5284, 5455, 5694, 5258, 5349, 5359, 5492, 5606, 5287, 5719, 5639, 5463, 5414, 5571, 5328, 5306, 5598, 5537, 5289, 5566, 5588, 5667, 5297, 5367, 5397, 5634, 5368, 5523, 5348, 5614, 5564, 5389, 5278, 5430, 5662, 5345, 5723, 5622, 5645, 5310, 5698, 5541, 5280, 5573, 5483, 5710, 5561, 5593, 5383, 5715, 5309, 5450, 5690, 5356, 5350, 5602, 5409, 5649, 5446, 5708, 5552, 5543, 5476, 5347, 5658, 5344, 5629, 5524, 5412, 5678, 5419, 5448, 5457, 5355 (15 hits)
16	9	1.0	333.0	Yes	5552.0MHz, -63.0dBm	Hop sequence: 5550, 5340, 5532, 5595, 5421, 5276, 5343, 5418, 5516, 5512, 5643, 5585, 5556, 5399, 5393, 5572, 5586, 5530, 5402, 5709, 5442, 5684, 5367, 5657, 5461, 5714, 5388, 5698, 5560, 5681, 5495, 5697, 5522, 5718, 5724, 5708, 5335, 5352, 5295, 5706, 5456, 5575, 5631, 5286, 5377, 5274,

Table 53 - FCC frequency hopping radar Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5662, 5574, 5705, 5591, 5499, 5604, 5614, 5483, 5438, 5505, 5395, 5475, 5565, 5287, 5459, 5635, 5255, 5652, 5497, 5281, 5559, 5715, 5650, 5314, 5432, 5554, 5695, 5689, 5624, 5436, 5428, 5596, 5524, 5411, 5569, 5324, 5627, 5618, 5285, 5564, 5507, 5484, 5394, 5703, 5690, 5272, 5594, 5384, 5700, 5397, 5645, 5590, 5303, 5373 (18 hits)
17	9	1.0	333.0	Yes	5559.4MHz, -63.0dBm	Hop sequence: 5361, 5475, 5478, 5281, 5707, 5264, 5505, 5432, 5717, 5326, 5269, 5674, 5671, 5663, 5637, 5310, 5593, 5578, 5677, 5705, 5339, 5564, 5684, 5519, 5441, 5486, 5726, 5477, 5627, 5337, 5703, 5297, 5569, 5271, 5347, 5474, 5534, 5278, 5469, 5263, 5359, 5700, 5643, 5500, 5459, 5424, 5341, 5389, 5678, 5416, 5629, 5401, 5260, 5721, 5496, 5363, 5417, 5336, 5379, 5495, 5522, 5471, 5290, 5374, 5444, 5394, 5283, 5288, 5262, 5280, 5553, 5665, 5331, 5383, 5656, 5305, 5400, 5327, 5614, 5309, 5708, 5315, 5528, 5579, 5251, 5697, 5404, 5335, 5571, 5523, 5373, 5682, 5725, 5388, 5676, 5538, 5368, 5559, 5345, 5680 (13 hits)
18	9	1.0	333.0	Yes	5563.7MHz, -63.0dBm	Hop sequence: 5561, 5267, 5585, 5252, 5519, 5522, 5704, 5614, 5258, 5490, 5698, 5621, 5536, 5357, 5659, 5609, 5406, 5526, 5602, 5514, 5707, 5318, 5336, 5376, 5409, 5460, 5281, 5279, 5551, 5315, 5518, 5550, 5442, 5516, 5307, 5314, 5655, 5289, 5325, 5451, 5548, 5331, 5673, 5383, 5343, 5436, 5559, 5685, 5295, 5380, 5640, 5492, 5713, 5464, 5513, 5601, 5469, 5716, 5323, 5618, 5416, 5566, 5320, 5359, 5456, 5721, 5628, 5509, 5274, 5603, 5344, 5722, 5312, 5597, 5431, 5420, 5617, 5682, 5264, 5350, 5294, 5565, 5305, 5483, 5334, 5596, 5534, 5405, 5467, 5468, 5356, 5475, 5562, 5306, 5528, 5510, 5440, 5607, 5567, 5712 (22 hits)
19	9	1.0	333.0	Yes	5568.6MHz, -63.0dBm	Hop sequence: 5614, 5330, 5711, 5562, 5555, 5398, 5480, 5666, 5404, 5411, 5478, 5335, 5418, 5352, 5290, 5254, 5503, 5406, 5522, 5355, 5634, 5643, 5308, 5317, 5580, 5413, 5463, 5369, 5405, 5257, 5390, 5526, 5664, 5624, 5284, 5491, 5590, 5714, 5560, 5523, 5712, 5660, 5569, 5378, 5637, 5554, 5361, 5403, 5616, 5263, 5338, 5318, 5628, 5314, 5639, 5384, 5297, 5488, 5685, 5646, 5527, 5655, 5598, 5344, 5647, 5307, 5588, 5618, 5368, 5561, 5692, 5467, 5473, 5540, 5450, 5310, 5358, 5389, 5574, 5465, 5354, 5456, 5564, 5372, 5357, 5654, 5641, 5430, 5351, 5294, 5622, 5518, 5505, 5493, 5431, 5559, 5645, 5699, 5657, 5363 (16 hits)
20	9	1.0	333.0	Yes	5491.4MHz, -63.0dBm	Hop sequence: 5572, 5544, 5565, 5288, 5673, 5282, 5459, 5444, 5554, 5510, 5374, 5336, 5629, 5704, 5382, 5266, 5316, 5359, 5357, 5280, 5482, 5583, 5479, 5515, 5608, 5602, 5486, 5690, 5520, 5630,

Table 53 - FCC frequency hopping radar Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5332, 5635, 5563, 5710, 5687, 5259, 5698, 5281, 5326, 5321, 5541, 5576, 5599, 5309, 5683, 5458, 5325, 5451, 5287, 5581, 5283, 5511, 5489, 5279, 5294, 5637, 5575, 5373, 5498, 5570, 5517, 5612, 5436, 5403, 5392, 5393, 5278, 5691, 5632, 5689, 5327, 5386, 5553, 5639, 5500, 5263, 5306, 5317, 5256, 5614, 5474, 5394, 5538, 5270, 5297, 5491, 5370, 5657, 5430, 5653, 5564, 5454, 5610, 5527, 5502, 5354, 5356, 5506, 5456, 5543 (19 hits)
21	9	1.0	333.0	Yes	5491.5MHz, -63.0dBm	Hop sequence: 5287, 5577, 5711, 5376, 5538, 5502, 5548, 5389, 5484, 5345, 5319, 5642, 5674, 5623, 5259, 5680, 5432, 5292, 5458, 5347, 5682, 5556, 5635, 5280, 5723, 5614, 5430, 5406, 5572, 5318, 5587, 5278, 5660, 5395, 5304, 5415, 5597, 5382, 5641, 5387, 5426, 5336, 5410, 5363, 5663, 5668, 5676, 5563, 5613, 5634, 5712, 5557, 5651, 5679, 5301, 5687, 5540, 5492, 5703, 5434, 5284, 5541, 5459, 5275, 5369, 5657, 5488, 5592, 5398, 5628, 5288, 5274, 5724, 5440, 5253, 5383, 5624, 5653, 5374, 5368, 5416, 5252, 5258, 5360, 5424, 5511, 5517, 5396, 5507, 5405, 5549, 5670, 5480, 5564, 5314, 5356, 5337, 5465, 5476, 5436 (14 hits)
22	9	1.0	333.0	Yes	5499.4MHz, -63.0dBm	Hop sequence: 5705, 5561, 5630, 5261, 5260, 5706, 5264, 5311, 5450, 5568, 5408, 5642, 5707, 5407, 5394, 5463, 5502, 5611, 5537, 5346, 5543, 5420, 5680, 5412, 5352, 5682, 5578, 5469, 5667, 5410, 5383, 5691, 5452, 5439, 5647, 5252, 5671, 5545, 5564, 5418, 5643, 5510, 5645, 5640, 5506, 5657, 5373, 5622, 5262, 5596, 5478, 5275, 5609, 5437, 5540, 5535, 5683, 5265, 5490, 5648, 5263, 5320, 5632, 5321, 5319, 5713, 5331, 5658, 5388, 5348, 5369, 5370, 5520, 5586, 5556, 5522, 5360, 5681, 5571, 5624, 5314, 5515, 5582, 5641, 5392, 5606, 5284, 5431, 5527, 5416, 5501, 5362, 5614, 5585, 5699, 5488, 5444, 5422, 5481, 5629 (17 hits)
23	9	1.0	333.0	Yes	5511.5MHz, -63.0dBm	Hop sequence: 5635, 5705, 5352, 5675, 5664, 5632, 5343, 5608, 5452, 5718, 5377, 5639, 5565, 5402, 5561, 5692, 5512, 5357, 5448, 5588, 5457, 5530, 5613, 5462, 5395, 5514, 5687, 5520, 5409, 5313, 5586, 5385, 5469, 5451, 5386, 5612, 5322, 5714, 5505, 5317, 5387, 5723, 5379, 5439, 5605, 5370, 5336, 5442, 5628, 5724, 5669, 5491, 5654, 5294, 5304, 5625, 5279, 5506, 5559, 5256, 5700, 5414, 5394, 5418, 5299, 5620, 5721, 5536, 5393, 5396, 5383, 5342, 5685, 5293, 5670, 5702, 5289, 5626, 5323, 5681, 5709, 5262, 5617, 5540, 5707, 5475, 5528, 5308, 5633, 5259, 5591, 5412, 5286, 5624, 5408, 5579, 5363, 5420, 5254, 5292 (12 hits)
24	9	1.0	333.0	Yes	5519.5MHz, -63.0dBm	Hop sequence: 5259, 5402, 5400, 5415, 5319, 5284, 5440, 5354, 5636, 5505, 5393, 5326, 5280, 5398,

Table 53 - FCC frequency hopping radar Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5279, 5720, 5500, 5347, 5466, 5306, 5399, 5267, 5483, 5256, 5365, 5598, 5687, 5401, 5438, 5281, 5676, 5501, 5283, 5360, 5539, 5615, 5489, 5261, 5383, 5289, 5572, 5469, 5510, 5714, 5332, 5694, 5253, 5686, 5269, 5700, 5639, 5723, 5623, 5713, 5452, 5404, 5351, 5472, 5462, 5624, 5507, 5610, 5726, 5629, 5484, 5519, 5617, 5562, 5512, 5465, 5255, 5703, 5328, 5565, 5511, 5410, 5251, 5522, 5287, 5563, 5403, 5711, 5725, 5602, 5275, 5548, 5278, 5506, 5382, 5442, 5578, 5479, 5544, 5585, 5595, 5586, 5446, 5689, 5697, 5545 (17 hits)
25	9	1.0	333.0	Yes	5531.0MHz, -63.0dBm	Hop sequence: 5310, 5465, 5262, 5628, 5424, 5534, 5289, 5387, 5395, 5525, 5664, 5580, 5555, 5476, 5585, 5635, 5662, 5641, 5559, 5392, 5619, 5582, 5258, 5554, 5386, 5403, 5666, 5475, 5469, 5440, 5437, 5351, 5530, 5272, 5596, 5409, 5509, 5375, 5540, 5329, 5691, 5565, 5309, 5455, 5342, 5712, 5697, 5453, 5505, 5427, 5326, 5654, 5588, 5679, 5718, 5685, 5696, 5374, 5271, 5384, 5364, 5624, 5711, 5567, 5333, 5434, 5655, 5521, 5681, 5574, 5300, 5668, 5438, 5269, 5644, 5405, 5499, 5566, 5401, 5413, 5291, 5422, 5467, 5337, 5495, 5283, 5648, 5426, 5263, 5519, 5304, 5636, 5491, 5496, 5575, 5705, 5693, 5703, 5615, 5502 (18 hits)
26	9	1.0	333.0	Yes	5535.6MHz, -63.0dBm	Hop sequence: 5529, 5420, 5414, 5552, 5479, 5690, 5509, 5345, 5431, 5654, 5334, 5373, 5554, 5616, 5352, 5578, 5631, 5461, 5505, 5675, 5324, 5371, 5399, 5432, 5625, 5383, 5547, 5694, 5300, 5350, 5686, 5645, 5510, 5508, 5568, 5649, 5548, 5445, 5497, 5254, 5287, 5428, 5551, 5294, 5456, 5705, 5475, 5556, 5304, 5257, 5699, 5637, 5533, 5538, 5388, 5374, 5327, 5639, 5253, 5444, 5487, 5258, 5463, 5494, 5680, 5693, 5662, 5536, 5550, 5447, 5601, 5673, 5528, 5449, 5328, 5622, 5267, 5419, 5337, 5555, 5396, 5653, 5295, 5575, 5608, 5312, 5709, 5603, 5316, 5269, 5688, 5477, 5531, 5626, 5433, 5446, 5303, 5525, 5443, 5706 (22 hits)
27	9	1.0	333.0	Yes	5539.4MHz, -63.0dBm	Hop sequence: 5667, 5415, 5335, 5401, 5282, 5572, 5554, 5333, 5314, 5373, 5392, 5299, 5473, 5390, 5634, 5712, 5455, 5540, 5469, 5292, 5336, 5719, 5659, 5726, 5542, 5268, 5512, 5622, 5491, 5665, 5583, 5655, 5464, 5359, 5440, 5459, 5498, 5596, 5448, 5280, 5433, 5414, 5465, 5689, 5565, 5337, 5461, 5267, 5516, 5317, 5678, 5449, 5252, 5694, 5688, 5502, 5614, 5457, 5671, 5393, 5628, 5353, 5315, 5501, 5642, 5598, 5573, 5329, 5284, 5262, 5364, 5261, 5382, 5256, 5290, 5661, 5285, 5441, 5479, 5323, 5666, 5630, 5693, 5339, 5272, 5293, 5509, 5447, 5654, 5346, 5582, 5563, 5474, 5646, 5442, 5547, 5561, 5250, 5631, 5500 (14 hits)

Table 53 - FCC frequency hopping radar Results 80 MHz Dual Radio (Zero Wait Target, 5530 MHz, channel 100E)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
28	9	1.0	333.0	Yes	5547.2MHz, -63.0dBm	Hop sequence: 5577, 5614, 5424, 5368, 5475, 5710, 5273, 5431, 5470, 5650, 5494, 5654, 5602, 5641, 5574, 5524, 5260, 5702, 5332, 5491, 5347, 5333, 5486, 5306, 5266, 5412, 5688, 5285, 5638, 5307, 5579, 5282, 5434, 5350, 5586, 5478, 5349, 5554, 5681, 5360, 5648, 5447, 5364, 5263, 5404, 5666, 5533, 5327, 5687, 5617, 5395, 5324, 5601, 5315, 5481, 5597, 5490, 5477, 5296, 5289, 5695, 5265, 5633, 5558, 5338, 5548, 5717, 5295, 5416, 5698, 5269, 5643, 5451, 5685, 5339, 5298, 5722, 5609, 5582, 5390, 5428, 5670, 5550, 5509, 5669, 5415, 5616, 5474, 5398, 5463, 5522, 5715, 5294, 5518, 5553, 5628, 5348, 5429, 5528, 5270 (12 hits)
29	9	1.0	333.0	Yes	5551.0MHz, -63.0dBm	Hop sequence: 5624, 5462, 5720, 5452, 5606, 5664, 5373, 5608, 5607, 5685, 5354, 5667, 5659, 5538, 5643, 5459, 5472, 5508, 5680, 5699, 5339, 5466, 5283, 5300, 5424, 5443, 5280, 5616, 5648, 5365, 5305, 5650, 5375, 5584, 5553, 5644, 5528, 5447, 5336, 5348, 5630, 5256, 5566, 5412, 5600, 5638, 5273, 5475, 5259, 5589, 5404, 5717, 5483, 5637, 5303, 5598, 5702, 5361, 5646, 5311, 5529, 5497, 5449, 5290, 5718, 5535, 5541, 5517, 5657, 5385, 5590, 5654, 5317, 5597, 5524, 5642, 5266, 5379, 5527, 5636, 5580, 5678, 5672, 5461, 5446, 5711, 5503, 5661, 5709, 5619, 5604, 5578, 5688, 5329, 5609, 5645, 5374, 5421, 5431, 5569 (13 hits)
30	9	1.0	333.0	Yes	5553.6MHz, -63.0dBm	Hop sequence: 5463, 5582, 5507, 5703, 5413, 5418, 5558, 5316, 5385, 5347, 5276, 5576, 5632, 5423, 5437, 5630, 5364, 5567, 5645, 5577, 5427, 5459, 5532, 5299, 5343, 5402, 5719, 5646, 5510, 5363, 5509, 5512, 5550, 5655, 5606, 5595, 5382, 5407, 5398, 5255, 5543, 5310, 5536, 5312, 5499, 5524, 5636, 5626, 5434, 5702, 5370, 5482, 5599, 5350, 5600, 5381, 5336, 5372, 5467, 5597, 5263, 5520, 5313, 5302, 5266, 5293, 5617, 5722, 5451, 5638, 5522, 5483, 5421, 5325, 5288, 5354, 5496, 5422, 5686, 5557, 5663, 5528, 5488, 5284, 5659, 5411, 5514, 5580, 5643, 5575, 5359, 5587, 5295, 5391, 5395, 5692, 5324, 5721, 5687, 5710 (18 hits)

Table 54 - FCC Short Pulse Radar (Type 1A) Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	65	1.0	818.0	Yes	5290.0MHz,-63.0dBm	Single burst
2	72	1.0	738.0	Yes	5299.8MHz,-63.0dBm	Single burst
3	67	1.0	798.0	Yes	5310.6MHz,-63.0dBm	Single burst
4	102	1.0	518.0	Yes	5321.7MHz,-63.0dBm	Single burst
5	61	1.0	878.0	Yes	5325.6MHz,-63.0dBm	Single burst
6	74	1.0	718.0	No	5328.6MHz,-63.0dBm	Single burst
7	70	1.0	758.0	Yes	5328.6MHz,-63.0dBm	Single burst
8	58	1.0	918.0	Yes	5251.4MHz,-63.0dBm	Single burst
9	78	1.0	678.0	Yes	5253.0MHz,-63.0dBm	Single burst
10	86	1.0	618.0	Yes	5255.9MHz,-63.0dBm	Single burst
11	76	1.0	698.0	Yes	5258.7MHz,-63.0dBm	Single burst
12	57	1.0	938.0	Yes	5262.9MHz,-63.0dBm	Single burst
13	83	1.0	638.0	Yes	5264.1MHz,-63.0dBm	Single burst
14	63	1.0	838.0	Yes	5268.6MHz,-63.0dBm	Single burst
15	62	1.0	858.0	Yes	5276.3MHz,-63.0dBm	Single burst

Table 55 - FCC Short Pulse Radar (Type 1B) Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	68	1.0	782.0	Yes	5290.0MHz,-63.0dBm	Single burst
2	84	1.0	631.0	Yes	5291.2MHz,-63.0dBm	Single burst
3	21	1.0	2622.0	Yes	5300.5MHz,-63.0dBm	Single burst
4	25	1.0	2186.0	Yes	5302.8MHz,-63.0dBm	Single burst
5	46	1.0	1157.0	Yes	5308.3MHz,-63.0dBm	Single burst
6	35	1.0	1515.0	Yes	5312.9MHz,-63.0dBm	Single burst
7	19	1.0	2874.0	Yes	5316.8MHz,-63.0dBm	Single burst
8	33	1.0	1646.0	Yes	5321.0MHz,-63.0dBm	Single burst
9	90	1.0	593.0	Yes	5328.6MHz,-63.0dBm	Single burst
10	86	1.0	616.0	Yes	5251.4MHz,-63.0dBm	Single burst
11	35	1.0	1511.0	Yes	5253.2MHz,-63.0dBm	Single burst
12	32	1.0	1683.0	Yes	5256.0MHz,-63.0dBm	Single burst
13	18	1.0	2981.0	Yes	5264.9MHz,-63.0dBm	Single burst
14	48	1.0	1106.0	Yes	5274.5MHz,-63.0dBm	Single burst
15	56	1.0	958.0	Yes	5284.2MHz,-63.0dBm	Single burst

Table 56 - FCC Short Pulse Radar (Type 2) Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	26	2.2	196.0	Yes	5290.0MHz,-63.0dBm	Single burst
2	25	3.7	188.0	Yes	5300.4MHz,-63.0dBm	Single burst
3	26	1.2	173.0	Yes	5304.3MHz,-63.0dBm	Single burst
4	26	4.3	177.0	Yes	5312.0MHz,-63.0dBm	Single burst
5	24	3.3	154.0	Yes	5313.6MHz,-63.0dBm	Single burst
6	28	3.2	208.0	Yes	5320.2MHz,-63.0dBm	Single burst
7	29	2.0	170.0	Yes	5321.5MHz,-63.0dBm	Single burst
8	25	3.4	189.0	Yes	5328.6MHz,-63.0dBm	Single burst
9	24	3.9	216.0	Yes	5251.4MHz,-63.0dBm	Single burst
10	27	3.8	200.0	Yes	5252.9MHz,-63.0dBm	Single burst
11	24	1.3	154.0	Yes	5255.8MHz,-63.0dBm	Single burst
12	27	2.8	221.0	Yes	5258.6MHz,-63.0dBm	Single burst
13	23	4.5	175.0	Yes	5262.5MHz,-63.0dBm	Single burst
14	25	2.9	200.0	Yes	5263.8MHz,-63.0dBm	Single burst
15	29	3.9	170.0	Yes	5272.5MHz,-63.0dBm	Single burst
16	27	4.2	191.0	Yes	5280.6MHz,-63.0dBm	Single burst
17	23	4.1	210.0	Yes	5293.4MHz,-63.0dBm	Single burst
18	24	1.8	195.0	Yes	5299.1MHz,-63.0dBm	Single burst
19	26	3.1	222.0	Yes	5311.7MHz,-63.0dBm	Single burst
20	25	2.3	171.0	Yes	5313.9MHz,-63.0dBm	Single burst
21	29	2.0	162.0	Yes	5318.7MHz,-63.0dBm	Single burst
22	29	1.9	152.0	Yes	5324.6MHz,-63.0dBm	Single burst
23	26	1.0	178.0	Yes	5328.6MHz,-63.0dBm	Single burst
24	28	1.8	224.0	No	5251.4MHz,-63.0dBm	Single burst
25	26	4.3	160.0	Yes	5251.4MHz,-63.0dBm	Single burst
26	23	2.4	154.0	Yes	5253.4MHz,-63.0dBm	Single burst
27	24	4.2	176.0	Yes	5266.2MHz,-63.0dBm	Single burst
28	27	1.8	189.0	Yes	5274.5MHz,-63.0dBm	Single burst
29	23	1.1	181.0	Yes	5276.5MHz,-63.0dBm	Single burst
30	28	2.5	187.0	Yes	5283.0MHz,-63.0dBm	Single burst

Table 57 - FCC Short Pulse Radar (Type 3) Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	16	9.5	417.0	Yes	5290.0MHz,-63.0dBm	Single burst
2	16	8.0	466.0	Yes	5293.6MHz,-63.0dBm	Single burst
3	16	9.7	311.0	Yes	5296.3MHz,-63.0dBm	Single burst
4	18	8.7	425.0	Yes	5299.2MHz,-63.0dBm	Single burst
5	17	7.5	303.0	Yes	5305.5MHz,-63.0dBm	Single burst
6	18	7.1	278.0	Yes	5313.8MHz,-63.0dBm	Single burst
7	16	8.3	367.0	Yes	5325.3MHz,-63.0dBm	Single burst
8	16	7.2	479.0	Yes	5328.6MHz,-63.0dBm	Single burst
9	16	9.6	427.0	Yes	5251.4MHz,-63.0dBm	Single burst
10	17	8.5	456.0	Yes	5252.6MHz,-63.0dBm	Single burst
11	17	8.6	395.0	Yes	5258.0MHz,-63.0dBm	Single burst
12	17	8.0	250.0	Yes	5269.5MHz,-63.0dBm	Single burst
13	18	9.3	490.0	Yes	5282.4MHz,-63.0dBm	Single burst
14	17	6.7	466.0	Yes	5293.4MHz,-63.0dBm	Single burst
15	16	9.2	215.0	Yes	5303.4MHz,-63.0dBm	Single burst
16	18	6.3	309.0	Yes	5309.2MHz,-63.0dBm	Single burst
17	17	9.8	482.0	Yes	5317.4MHz,-63.0dBm	Single burst
18	18	6.7	214.0	Yes	5323.9MHz,-63.0dBm	Single burst
19	17	7.3	474.0	Yes	5328.6MHz,-63.0dBm	Single burst
20	18	8.9	431.0	No	5251.4MHz,-63.0dBm	Single burst
21	18	8.0	336.0	Yes	5251.4MHz,-63.0dBm	Single burst
22	18	6.4	259.0	Yes	5251.7MHz,-63.0dBm	Single burst
23	18	7.9	384.0	Yes	5255.6MHz,-63.0dBm	Single burst
24	17	8.4	437.0	Yes	5268.6MHz,-63.0dBm	Single burst
25	17	6.7	348.0	Yes	5275.5MHz,-63.0dBm	Single burst
26	18	8.0	261.0	No	5285.8MHz,-63.0dBm	Single burst
27	18	9.3	443.0	No	5285.8MHz,-63.0dBm	Single burst
28	17	9.4	214.0	Yes	5285.8MHz,-63.0dBm	Single burst
29	18	6.8	208.0	Yes	5288.2MHz,-63.0dBm	Single burst
30	18	7.0	213.0	Yes	5299.8MHz,-63.0dBm	Single burst

Table 58 - FCC Short Pulse Radar (Type 4) Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	13	11.1	297.0	Yes	5290.0MHz,-63.0dBm	Single burst
2	15	14.9	209.0	Yes	5298.8MHz,-63.0dBm	Single burst
3	14	18.0	202.0	Yes	5303.2MHz,-63.0dBm	Single burst
4	15	18.4	241.0	Yes	5304.2MHz,-63.0dBm	Single burst
5	13	19.7	208.0	Yes	5308.3MHz,-63.0dBm	Single burst
6	13	18.8	417.0	No	5313.2MHz,-63.0dBm	Single burst
7	15	12.6	286.0	Yes	5313.2MHz,-63.0dBm	Single burst
8	16	16.5	238.0	Yes	5319.8MHz,-63.0dBm	Single burst
9	14	15.2	449.0	Yes	5328.6MHz,-63.0dBm	Single burst
10	15	16.2	441.0	Yes	5251.4MHz,-63.0dBm	Single burst
11	14	18.5	408.0	Yes	5255.2MHz,-63.0dBm	Single burst
12	13	19.2	386.0	Yes	5264.0MHz,-63.0dBm	Single burst
13	13	11.8	477.0	Yes	5275.4MHz,-63.0dBm	Single burst
14	15	12.5	288.0	Yes	5283.8MHz,-63.0dBm	Single burst
15	15	18.8	274.0	Yes	5288.6MHz,-63.0dBm	Single burst
16	13	11.3	226.0	No	5292.0MHz,-63.0dBm	Single burst
17	15	17.3	405.0	Yes	5292.0MHz,-63.0dBm	Single burst
18	14	13.5	412.0	No	5300.6MHz,-63.0dBm	Single burst
19	15	17.4	399.0	Yes	5300.6MHz,-63.0dBm	Single burst
20	16	13.8	339.0	Yes	5306.6MHz,-63.0dBm	Single burst
21	14	13.3	429.0	Yes	5314.7MHz,-63.0dBm	Single burst
22	14	16.1	282.0	Yes	5319.6MHz,-63.0dBm	Single burst
23	13	13.7	414.0	No	5321.2MHz,-63.0dBm	Single burst
24	13	12.5	307.0	Yes	5321.2MHz,-63.0dBm	Single burst
25	13	17.7	436.0	No	5328.6MHz,-63.0dBm	Single burst
26	15	16.1	381.0	No	5328.6MHz,-63.0dBm	Single burst
27	15	19.4	318.0	Yes	5328.6MHz,-63.0dBm	Single burst
28	14	13.2	375.0	Yes	5251.4MHz,-63.0dBm	Single burst
29	14	14.4	255.0	Yes	5255.9MHz,-63.0dBm	Single burst
30	15	16.5	407.0	No	5268.9MHz,-63.0dBm	Single burst

Table 59 - FCC Long Pulse Radar Summary 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5290.0MHz,-63.0dBm
Trial #2	Detected	5290.0MHz,-63.0dBm
Trial #3	Detected	5290.0MHz,-63.0dBm
Trial #4	Detected	5290.0MHz,-63.0dBm
Trial #5	Detected	5290.0MHz,-63.0dBm
Trial #6	Detected	5290.0MHz,-63.0dBm
Trial #7	Detected	5290.0MHz,-63.0dBm
Trial #8	NOT Detected	5290.0MHz,-63.0dBm
Trial #9	Detected	5290.0MHz,-63.0dBm
Trial #10	Detected	5290.0MHz,-63.0dBm
Trial #11	Detected	5255.4MHz,-63.0dBm
Trial #12	Detected	5258.6MHz,-63.0dBm
Trial #13	Detected	5254.6MHz,-63.0dBm
Trial #14	Detected	5255.0MHz,-63.0dBm
Trial #15	Detected	5258.2MHz,-63.0dBm
Trial #16	Detected	5255.0MHz,-63.0dBm
Trial #17	Detected	5256.2MHz,-63.0dBm
Trial #18	Detected	5256.6MHz,-63.0dBm
Trial #19	Detected	5259.0MHz,-63.0dBm
Trial #20	Detected	5257.4MHz,-63.0dBm
Trial #21	Detected	5321.4MHz,-63.0dBm
Trial #22	Detected	5322.6MHz,-63.0dBm
Trial #23	Detected	5325.0MHz,-63.0dBm
Trial #24	Detected	5322.6MHz,-63.0dBm
Trial #25	Detected	5321.0MHz,-63.0dBm
Trial #26	Detected	5325.8MHz,-63.0dBm
Trial #27	Detected	5321.4MHz,-63.0dBm
Trial #28	Detected	5321.0MHz,-63.0dBm
Trial #29	NOT Detected	5324.6MHz,-63.0dBm
Trial #30	Detected	5325.8MHz,-63.0dBm

Table 60 - FCC Long Pulse Radar Trial#1 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	62.4	7	1423.0	-	0.342599
2	2	84.6	7	1235.0	-	1.660575
3	2	77.2	7	1896.0	-	1.905826
4	3	61.1	7	1190.0	1852.0	3.083905
5	2	96.9	7	1458.0	-	4.115596
6	2	73.0	7	1958.0	-	4.787210
7	2	66.8	7	1557.0	-	5.221709
8	3	80.9	7	1733.0	1913.0	6.280801
9	3	59.0	7	1506.0	1899.0	7.388819
10	3	52.1	7	1215.0	1551.0	7.939020
11	2	67.4	7	1797.0	-	9.349015
12	2	63.5	7	1570.0	-	9.859873
13	3	69.8	7	1675.0	1568.0	10.662190
14	2	61.7	7	1097.0	-	11.714683

Table 61 - FCC Long Pulse Radar Trial#2 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	95.5	15	1754.0	1035.0	0.216964
2	1	79.2	15	-	-	1.631493
3	2	57.5	15	1543.0	-	2.992447
4	3	80.9	15	1374.0	1247.0	4.397363
5	1	67.1	15	-	-	6.253826
6	2	99.2	15	1895.0	-	6.973747
7	2	73.8	15	1453.0	-	9.175337
8	1	92.3	15	-	-	10.432954
9	2	97.4	15	1012.0	-	10.920216

Table 62 - FCC Long Pulse Radar Trial#3 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	73.6	9	-	-	0.177184
2	2	83.3	9	1651.0	-	1.167507
3	1	84.3	9	-	-	1.453116
4	2	57.3	9	1352.0	-	2.051736
5	2	63.7	9	1971.0	-	3.275488
6	2	63.7	9	1615.0	-	3.821197
7	2	54.2	9	1216.0	-	4.234780
8	2	66.9	9	1086.0	-	5.071526
9	2	91.8	9	1592.0	-	5.657001
10	3	63.0	9	1629.0	1708.0	6.375598
11	2	84.1	9	1628.0	-	6.876709
12	1	81.4	9	-	-	7.474996
13	3	66.8	9	1502.0	1056.0	8.450352
14	3	63.8	9	1359.0	1540.0	8.916513
15	2	56.0	9	1441.0	-	9.846481
16	1	71.6	9	-	-	10.653578
17	2	52.6	9	1313.0	-	11.118595
18	2	55.3	9	1932.0	-	11.889948

Table 63 - FCC Long Pulse Radar Trial#4 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	90.1	7	-	-	0.929791
2	2	81.1	7	1015.0	-	1.121087
3	3	80.8	7	1255.0	1951.0	2.095257
4	2	74.3	7	1769.0	-	3.985923
5	1	53.4	7	-	-	4.819395
6	2	64.1	7	1536.0	-	5.016812
7	2	86.0	7	1135.0	-	6.813093
8	1	64.2	7	-	-	7.534621
9	3	80.3	7	1024.0	1834.0	8.377289
10	2	63.2	7	1272.0	-	9.211252
11	1	53.3	7	-	-	10.161730
12	2	87.3	7	1488.0	-	11.720480

Table 64 - FCC Long Pulse Radar Trial#5 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

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	-	-	0.226774
2	3	69.3	10	1561.0	1972.0	1.620950
3	3	88.4	10	1369.0	1600.0	2.071037
4	2	73.8	10	1785.0	-	2.879644
5	1	93.2	10	-	-	4.510228
6	1	79.2	10	-	-	5.484683
7	1	68.6	10	-	-	6.226428
8	2	58.6	10	1682.0	-	6.864213
9	2	92.9	10	1415.0	-	7.439275
10	1	91.6	10	-	-	9.108069
11	2	61.8	10	1700.0	-	9.866163
12	2	83.4	10	1273.0	-	10.758081
13	2	73.7	10	1361.0	-	11.250210

Table 65 - FCC Long Pulse Radar Trial#6 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.8	18	1797.0	-	0.308404
2	2	63.6	18	1451.0	-	1.088238
3	2	64.1	18	1960.0	-	1.716496
4	3	80.5	18	1013.0	1706.0	2.027342
5	2	75.0	18	1150.0	-	3.060305
6	2	51.1	18	1731.0	-	3.620832
7	2	90.1	18	1472.0	-	4.495674
8	2	61.8	18	1654.0	-	4.789388
9	3	70.1	18	1528.0	1474.0	5.742848
10	1	85.5	18	-	-	6.625233
11	1	87.1	18	-	-	7.010260
12	2	66.8	18	1473.0	-	7.479882
13	3	55.2	18	1011.0	1083.0	8.185113
14	3	55.3	18	1427.0	1092.0	8.804205
15	2	88.2	18	1414.0	-	9.763656
16	1	85.0	18	-	-	10.614223
17	2	96.0	18	1429.0	-	11.196892
18	1	89.0	18	-	-	11.709130

Table 66 - FCC Long Pulse Radar Trial#7 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.3	7	1304.0	-	0.648378
2	2	77.3	7	1350.0	-	1.346708
3	3	56.3	7	1515.0	1541.0	2.654226
4	2	97.0	7	1567.0	-	3.202562
5	3	76.5	7	1081.0	1327.0	3.761704
6	3	84.9	7	1348.0	1639.0	5.191974
7	2	78.6	7	1815.0	-	6.133977
8	1	86.7	7	-	-	6.761392
9	2	62.5	7	1998.0	-	8.111589
10	1	69.0	7	-	-	9.201725
11	3	77.7	7	1493.0	1738.0	9.315806
12	3	71.5	7	1115.0	1036.0	10.297494
13	2	86.8	7	1787.0	-	11.129712

Table 67 - FCC Long Pulse Radar Trial#8 (NOT Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	65.6	10	1505.0	1207.0	0.132488
2	1	59.2	10	-	-	1.579637
3	2	57.5	10	1175.0	-	4.486526
4	1	71.4	10	-	-	5.190118
5	2	83.6	10	1651.0	-	6.007237
6	1	55.5	10	-	-	8.792164
7	1	59.5	10	-	-	9.259876
8	2	70.8	10	1283.0	-	11.776005

Table 68 - FCC Long Pulse Radar Trial#9 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	95.0	19	-	-	0.515088
2	3	72.6	19	1748.0	1057.0	1.216363
3	2	75.8	19	1421.0	-	1.963907
4	2	95.2	19	1735.0	-	2.600486
5	1	79.9	19	-	-	3.283985
6	2	79.4	19	1507.0	-	3.660275
7	2	51.3	19	1373.0	-	4.600202
8	2	62.8	19	1440.0	-	4.799870
9	1	74.2	19	-	-	5.941856
10	3	53.8	19	1358.0	1587.0	6.462738
11	1	88.1	19	-	-	7.094998
12	3	78.3	19	1477.0	1241.0	7.440701
13	3	74.5	19	1462.0	1178.0	8.022212
14	2	52.1	19	1913.0	-	9.243897
15	2	58.6	19	1267.0	-	9.486168
16	3	78.0	19	1029.0	1684.0	10.074305
17	2	58.3	19	1810.0	-	10.705905
18	3	66.1	19	1641.0	1017.0	11.650053

Table 69 - FCC Long Pulse Radar Trial#10 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	65.2	19	-	-	0.538757
2	2	54.4	19	1597.0	-	0.679074
3	2	96.7	19	1607.0	-	1.685965
4	3	70.8	19	1806.0	1141.0	2.582945
5	2	68.6	19	1101.0	-	3.268629
6	3	95.9	19	1477.0	1546.0	3.524091
7	1	72.4	19	-	-	4.404872
8	1	50.7	19	-	-	4.721559
9	2	55.3	19	1238.0	-	5.955999
10	3	64.8	19	1332.0	1941.0	6.574362
11	3	94.5	19	1799.0	1363.0	6.788163
12	2	84.4	19	1613.0	-	7.794500
13	2	92.0	19	1383.0	-	8.375363
14	3	79.5	19	1977.0	1358.0	8.969309
15	1	75.0	19	-	-	9.421446
16	2	80.8	19	1259.0	-	10.218548
17	1	63.2	19	-	-	10.780014
18	3	76.1	19	1032.0	1882.0	11.389051

Table 70 - FCC Long Pulse Radar Trial#11 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.2	10	1478.0	-	0.768862
2	2	77.2	10	1087.0	-	1.628677
3	2	58.9	10	1147.0	-	2.302321
4	3	90.4	10	1959.0	1529.0	2.696073
5	3	74.0	10	1290.0	1677.0	3.552325
6	2	70.1	10	1526.0	-	4.380869
7	1	97.5	10	-	-	5.496523
8	3	75.4	10	1439.0	1226.0	6.203025
9	3	80.5	10	1244.0	1720.0	7.431161
10	2	88.1	10	1942.0	-	7.889300
11	1	55.7	10	-	-	8.799227
12	3	64.9	10	1685.0	1125.0	10.185817
13	1	50.4	10	-	-	10.833992
14	3	86.9	10	1463.0	1525.0	11.256903

Table 71 - FCC Long Pulse Radar Trial#12 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.2	18	1578.0	-	0.623914
2	2	77.6	18	1101.0	-	1.142770
3	2	55.0	18	1185.0	-	1.851470
4	3	70.5	18	1045.0	1719.0	3.515260
5	1	89.7	18	-	-	4.400657
6	3	52.5	18	1227.0	1490.0	4.800735
7	2	87.8	18	1252.0	-	5.561254
8	3	87.4	18	1599.0	1105.0	6.662414
9	2	94.2	18	1828.0	-	7.534423
10	2	99.0	18	1576.0	-	8.664413
11	3	60.7	18	1150.0	1830.0	9.481337
12	2	97.6	18	1170.0	-	10.786380
13	2	86.8	18	1582.0	-	11.966506

Table 72 - FCC Long Pulse Radar Trial#13 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.1	8	1232.0	-	0.219631
2	1	76.9	8	-	-	1.281342
3	3	99.9	8	1622.0	1189.0	2.030473
4	2	76.7	8	1237.0	-	2.976573
5	2	95.9	8	1347.0	-	4.375126
6	3	86.5	8	1880.0	1575.0	5.525896
7	3	81.2	8	1459.0	1662.0	5.771471
8	2	62.6	8	1208.0	-	6.745108
9	2	76.2	8	1787.0	-	8.259885
10	3	59.2	8	1531.0	1623.0	8.434888
11	3	77.0	8	1517.0	1783.0	9.741199
12	3	51.3	8	1373.0	1881.0	10.516817
13	2	62.4	8	1500.0	-	11.136661

Table 73 - FCC Long Pulse Radar Trial#14 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	89.0	9	1872.0	1115.0	0.546199
2	1	62.0	9	-	-	1.797129
3	3	61.2	9	1644.0	1746.0	1.949336
4	2	59.3	9	1046.0	-	3.544272
5	3	62.5	9	1578.0	1293.0	4.587130
6	1	78.6	9	-	-	5.152850
7	2	50.1	9	1161.0	-	6.341812
8	2	53.7	9	1636.0	-	7.067139
9	1	87.4	9	-	-	8.246889
10	2	89.5	9	1309.0	-	9.078508
11	2	78.6	9	1674.0	-	9.733763
12	2	76.2	9	1405.0	-	10.984045
13	2	84.9	9	1117.0	-	11.950376

Table 74 - FCC Long Pulse Radar Trial#15 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.3	17	1132.0	-	0.460753
2	1	84.6	17	-	-	1.371077
3	3	67.0	17	1694.0	1753.0	2.748960
4	3	87.1	17	1227.0	1328.0	4.458668
5	3	98.9	17	1454.0	1507.0	5.409947
6	2	96.6	17	1832.0	-	6.815386
7	3	83.0	17	1893.0	1794.0	8.067127
8	2	70.5	17	1791.0	-	8.762454
9	2	58.4	17	1940.0	-	10.097501
10	3	73.1	17	1301.0	1098.0	11.232267

Table 75 - FCC Long Pulse Radar Trial#16 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	98.5	9	1349.0	-	0.255433
2	2	62.2	9	1390.0	-	1.596910
3	2	71.8	9	1377.0	-	2.508370
4	2	58.1	9	1115.0	-	3.968411
5	1	86.1	9	-	-	4.904544
6	2	64.8	9	1342.0	-	6.405246
7	1	66.6	9	-	-	7.316455
8	3	81.7	9	1018.0	1487.0	8.560906
9	2	61.6	9	1950.0	-	8.927526
10	2	80.9	9	1419.0	-	10.863853
11	2	54.1	9	1141.0	-	11.548109

Table 76 - FCC Long Pulse Radar Trial#17 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	71.7	12	1206.0	-	0.753588
2	2	66.4	12	1587.0	-	1.327931
3	2	89.2	12	1198.0	-	2.340004
4	3	76.3	12	1575.0	1192.0	2.713731
5	2	56.1	12	1313.0	-	3.958817
6	3	75.5	12	1582.0	1726.0	4.626887
7	2	72.2	12	1826.0	-	5.073652
8	2	55.6	12	1198.0	-	5.858330
9	2	57.7	12	1116.0	-	7.120213
10	2	75.4	12	1018.0	-	7.514143
11	3	95.5	12	1867.0	1010.0	8.745507
12	2	60.7	12	1083.0	-	9.392230
13	2	62.0	12	1255.0	-	9.845080
14	2	88.7	12	1625.0	-	10.925076
15	1	74.1	12	-	-	11.968417

Table 77 - FCC Long Pulse Radar Trial#18 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	67.1	13	-	-	0.013581
2	2	71.9	13	1650.0	-	0.890029
3	2	58.9	13	1486.0	-	2.207116
4	3	85.8	13	1608.0	1232.0	2.677845
5	2	74.1	13	1555.0	-	3.274362
6	1	90.0	13	-	-	4.287404
7	2	83.9	13	1696.0	-	5.175748
8	1	91.2	13	-	-	5.591673
9	1	95.0	13	-	-	6.313099
10	2	83.7	13	1731.0	-	7.469207
11	3	96.8	13	1622.0	1648.0	7.604161
12	2	60.8	13	1464.0	-	8.277898
13	2	95.9	13	1058.0	-	9.202803
14	2	74.1	13	1645.0	-	10.331617
15	3	89.2	13	1545.0	1545.0	10.964396
16	2	73.9	13	1748.0	-	11.711775

Table 78 - FCC Long Pulse Radar Trial#19 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.4	19	1215.0	-	0.525234
2	1	84.7	19	-	-	0.720283
3	2	86.1	19	1164.0	-	1.228142
4	3	94.3	19	1157.0	1820.0	1.825210
5	2	80.2	19	1931.0	-	2.454801
6	3	56.3	19	1486.0	1962.0	3.195619
7	2	61.0	19	1325.0	-	3.689404
8	2	77.2	19	1766.0	-	4.254189
9	1	79.7	19	-	-	5.274168
10	2	95.7	19	1691.0	-	5.619453
11	1	55.8	19	-	-	6.519059
12	1	87.2	19	-	-	7.124454
13	2	96.6	19	1135.0	-	7.225567
14	3	82.7	19	1279.0	1884.0	7.921358
15	2	94.5	19	1985.0	-	8.874045
16	2	84.7	19	1043.0	-	9.241763
17	2	71.3	19	1692.0	-	9.844750
18	2	89.8	19	1568.0	-	10.432233
19	3	56.5	19	1378.0	1558.0	11.358648
20	1	57.7	19	-	-	11.832040

Table 79 - FCC Long Pulse Radar Trial#20 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	82.8	15	-	-	0.738822
2	2	59.9	15	1343.0	-	1.127328
3	1	84.5	15	-	-	2.616585
4	3	66.2	15	1324.0	1469.0	3.556016
5	2	91.3	15	1253.0	-	4.877395
6	1	79.4	15	-	-	5.562218
7	1	99.4	15	-	-	6.520385
8	2	76.8	15	1403.0	-	7.054190
9	3	87.5	15	1142.0	1034.0	8.261998
10	2	58.9	15	1502.0	-	9.545185
11	2	67.1	15	1556.0	-	10.285054
12	2	62.6	15	1847.0	-	11.525874

Table 80 - FCC Long Pulse Radar Trial#21 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	81.0	18	1763.0	1730.0	0.063567
2	2	51.8	18	1709.0	-	0.940988
3	2	91.1	18	1109.0	-	1.874915
4	2	77.6	18	1338.0	-	2.614863
5	2	58.9	18	1368.0	-	2.804435
6	3	80.7	18	1119.0	1805.0	3.934171
7	2	67.7	18	1354.0	-	4.057977
8	1	50.6	18	-	-	5.247542
9	2	84.5	18	1060.0	-	5.631937
10	1	93.9	18	-	-	6.103620
11	2	72.5	18	1178.0	-	7.322976
12	3	71.6	18	1023.0	1657.0	7.853806
13	3	85.0	18	1377.0	1009.0	8.538957
14	2	55.6	18	1359.0	-	8.846679
15	3	59.4	18	1025.0	1346.0	9.843913
16	2	74.9	18	1693.0	-	10.552270
17	1	83.1	18	-	-	11.201982
18	3	85.3	18	1895.0	1771.0	11.346593

Table 81 - FCC Long Pulse Radar Trial#22 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	63.9	15	1387.0	-	0.670197
2	2	72.3	15	1535.0	-	1.919435
3	2	59.8	15	1694.0	-	2.712031
4	3	52.1	15	1518.0	1226.0	5.003700
5	1	61.7	15	-	-	5.992629
6	3	88.6	15	1447.0	1041.0	7.276608
7	2	54.2	15	1432.0	-	8.411578
8	2	58.0	15	1336.0	-	9.392160
9	3	82.4	15	1454.0	1699.0	11.638517

Table 82 - FCC Long Pulse Radar Trial#23 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	98.0	9	1075.0	1836.0	0.014177
2	2	63.9	9	1818.0	-	0.910627
3	1	77.8	9	-	-	1.388101
4	2	85.5	9	1516.0	-	2.157592
5	3	51.7	9	1052.0	1645.0	2.951467
6	2	81.9	9	1917.0	-	3.163806
7	2	76.4	9	1200.0	-	3.826348
8	3	62.2	9	1067.0	1159.0	4.805944
9	3	77.0	9	1542.0	1961.0	5.612648
10	1	52.2	9	-	-	6.303403
11	2	58.3	9	1956.0	-	6.484936
12	2	53.6	9	1167.0	-	7.444978
13	3	81.5	9	1093.0	1086.0	8.084678
14	1	52.4	9	-	-	8.340219
15	2	79.1	9	1394.0	-	9.021851
16	2	82.9	9	1957.0	-	10.053523
17	1	78.8	9	-	-	10.398094
18	2	89.3	9	1348.0	-	10.777922
19	3	61.6	9	1777.0	1522.0	11.547123

Table 83 - FCC Long Pulse Radar Trial#24 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	80.8	15	-	-	0.652502
2	3	65.5	15	1857.0	1817.0	1.538883
3	2	78.9	15	1709.0	-	2.339894
4	3	81.8	15	1008.0	1809.0	3.530035
5	2	92.6	15	1173.0	-	4.427493
6	2	93.7	15	1155.0	-	5.357606
7	1	62.5	15	-	-	5.671617
8	3	64.5	15	1914.0	1772.0	6.801789
9	2	68.4	15	1493.0	-	7.592095
10	2	72.6	15	1458.0	-	8.308852
11	2	77.0	15	1744.0	-	9.890887
12	1	99.4	15	-	-	10.362738
13	2	80.2	15	1445.0	-	11.498834

Table 84 - FCC Long Pulse Radar Trial#25 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	91.0	19	1107.0	1765.0	0.414054
2	2	88.5	19	1596.0	-	1.019222
3	2	97.0	19	1867.0	-	1.648412
4	2	67.1	19	1648.0	-	2.107134
5	2	67.5	19	1698.0	-	2.750010
6	3	68.4	19	1070.0	1352.0	3.434022
7	3	91.8	19	1865.0	1742.0	4.556276
8	2	57.1	19	1304.0	-	5.164118
9	1	84.0	19	-	-	5.630796
10	1	83.2	19	-	-	6.477193
11	2	54.3	19	1522.0	-	7.233212
12	2	96.2	19	1219.0	-	7.893873
13	3	69.4	19	1573.0	1714.0	8.468719
14	1	68.3	19	-	-	8.951349
15	3	75.2	19	1444.0	1804.0	9.735243
16	2	63.8	19	1778.0	-	10.220862
17	3	89.6	19	1772.0	1027.0	11.328154
18	2	57.8	19	1087.0	-	11.839113

Table 85 - FCC Long Pulse Radar Trial#26 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.9	7	1145.0	1794.0	0.420729
2	3	90.9	7	1076.0	1002.0	0.748608
3	2	51.5	7	1062.0	-	1.926304
4	2	60.5	7	1102.0	-	2.723578
5	2	51.8	7	1928.0	-	2.952920
6	2	82.8	7	1599.0	-	3.773969
7	2	84.0	7	1148.0	-	4.586477
8	2	85.6	7	1491.0	-	5.121712
9	2	72.0	7	1122.0	-	6.306520
10	1	90.7	7	-	-	6.517372
11	3	91.8	7	1491.0	1460.0	7.130301
12	2	85.7	7	1222.0	-	8.214404
13	2	98.2	7	1727.0	-	9.125006
14	2	71.8	7	1649.0	-	9.299243
15	1	86.0	7	-	-	10.119685
16	1	92.6	7	-	-	11.187564
17	1	85.4	7	-	-	11.450941

Table 86 - FCC Long Pulse Radar Trial#27 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	83.5	18	-	-	0.558477
2	1	59.2	18	-	-	1.184179
3	2	80.6	18	1356.0	-	2.123359
4	2	78.9	18	1100.0	-	2.696375
5	3	56.5	18	1964.0	1035.0	3.398551
6	3	73.3	18	1031.0	1640.0	4.687778
7	1	60.5	18	-	-	5.015175
8	2	97.3	18	1138.0	-	5.845671
9	2	56.8	18	1410.0	-	6.604847
10	1	60.6	18	-	-	7.373877
11	2	80.7	18	1042.0	-	8.669747
12	2	58.5	18	1671.0	-	8.921238
13	3	91.8	18	1751.0	1127.0	9.680963
14	3	61.5	18	1389.0	1314.0	10.558019
15	1	60.6	18	-	-	11.542836

Table 87 - FCC Long Pulse Radar Trial#28 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	71.5	19	1972.0	1918.0	0.450998
2	3	73.6	19	1364.0	1040.0	1.468660
3	2	94.1	19	1779.0	-	2.195587
4	2	97.3	19	1277.0	-	2.426136
5	2	83.5	19	1263.0	-	3.640648
6	3	77.5	19	1460.0	1677.0	4.368416
7	2	81.9	19	1982.0	-	5.059379
8	2	51.9	19	1340.0	-	5.301769
9	2	81.7	19	1655.0	-	6.282409
10	1	66.0	19	-	-	6.910072
11	3	84.9	19	1426.0	1598.0	7.627148
12	2	88.1	19	1026.0	-	8.572707
13	2	62.8	19	1916.0	-	9.560395
14	3	75.8	19	1096.0	1198.0	10.154361
15	2	71.6	19	1174.0	-	10.754828
16	2	70.6	19	1624.0	-	11.673926

Table 88 - FCC Long Pulse Radar Trial#29 (NOT Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.9	10	1252.0	-	0.145787
2	1	57.4	10	-	-	0.945310
3	2	53.2	10	1937.0	-	1.248875
4	2	68.8	10	1475.0	-	2.147782
5	2	79.6	10	1558.0	-	2.447548
6	3	67.5	10	1197.0	1050.0	3.349152
7	1	56.1	10	-	-	3.861357
8	1	52.2	10	-	-	4.222472
9	2	73.5	10	1705.0	-	4.931565
10	1	69.1	10	-	-	5.924316
11	3	68.9	10	1415.0	1942.0	6.251192
12	1	50.3	10	-	-	7.078265
13	1	97.8	10	-	-	7.286859
14	2	76.3	10	1258.0	-	7.852999
15	2	61.7	10	1591.0	-	8.974981
16	1	79.7	10	-	-	9.224055
17	1	77.5	10	-	-	10.020449
18	2	54.0	10	1530.0	-	10.378397
19	2	79.6	10	1632.0	-	11.246295
20	1	79.0	10	-	-	11.678193

Table 89 - FCC Long Pulse Radar Trial#30 (Detected) 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.7	7	1496.0	-	0.247304
2	1	89.8	7	-	-	2.602054
3	1	77.0	7	-	-	3.918629
4	1	52.9	7	-	-	4.274169
5	1	65.3	7	-	-	5.649801
6	2	67.7	7	1641.0	-	7.455394
7	3	90.3	7	1103.0	1448.0	8.393532
8	2	58.9	7	1472.0	-	10.084499
9	2	95.8	7	1141.0	-	11.307381

Table 90 - FCC frequency hopping radar Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
1	9	1.0	333.0	Yes	5290.0MHz, -63.0dBm	Hop sequence: 5539, 5495, 5590, 5395, 5661, 5637, 5713, 5510, 5472, 5266, 5506, 5513, 5470, 5580, 5520, 5381, 5521, 5632, 5471, 5462, 5485, 5704, 5613, 5631, 5288, 5415, 5344, 5263, 5313, 5705, 5625, 5324, 5351, 5711, 5491, 5279, 5533, 5720, 5577, 5256, 5600, 5660, 5320, 5315, 5563, 5497, 5465, 5310, 5672, 5302, 5640, 5681, 5444, 5281, 5546, 5686, 5342, 5690, 5692, 5311, 5396, 5391, 5665, 5614, 5358, 5529, 5699, 5483, 5541, 5573, 5582, 5583, 5294, 5644, 5398, 5441, 5307, 5655, 5701, 5419, 5606, 5353, 5659, 5269, 5601, 5467, 5522, 5282, 5706, 5545, 5562, 5261, 5286, 5493, 5368, 5554, 5371, 5380, 5572, 5652 (19 hits)
2	9	1.0	333.0	Yes	5301.3MHz, -63.0dBm	Hop sequence: 5507, 5411, 5298, 5698, 5638, 5550, 5381, 5657, 5501, 5510, 5534, 5319, 5726, 5587, 5435, 5616, 5315, 5371, 5363, 5680, 5482, 5690, 5440, 5671, 5459, 5273, 5301, 5545, 5271, 5398, 5250, 5474, 5487, 5264, 5337, 5614, 5685, 5717, 5524, 5554, 5691, 5302, 5383, 5591, 5466, 5601, 5328, 5483, 5546, 5672, 5360, 5646, 5518, 5645, 5531, 5478, 5306, 5460, 5364, 5530, 5536, 5621, 5590, 5522, 5538, 5255, 5600, 5480, 5512, 5436, 5367, 5556, 5580, 5724, 5280, 5706, 5529, 5652, 5594, 5570, 5362, 5385, 5355, 5297, 5309, 5635, 5331, 5649, 5427, 5265, 5397, 5419, 5366, 5485, 5281, 5609, 5597, 5574, 5571, 5357 (16 hits)
3	9	1.0	333.0	Yes	5313.5MHz, -63.0dBm	Hop sequence: 5305, 5553, 5529, 5561, 5621, 5725, 5625, 5505, 5680, 5602, 5706, 5311, 5399, 5492, 5326, 5584, 5600, 5292, 5485, 5486, 5415, 5507, 5532, 5275, 5356, 5703, 5288, 5603, 5332, 5587, 5496, 5315, 5443, 5512, 5632, 5554, 5537, 5666, 5520, 5481, 5560, 5700, 5316, 5573, 5518, 5548, 5384, 5414, 5387, 5339, 5641, 5386, 5433, 5438, 5677, 5673, 5618, 5525, 5338, 5412, 5664, 5449, 5635, 5683, 5478, 5432, 5541, 5318, 5377, 5705, 5369, 5317, 5636, 5271, 5455, 5583, 5418, 5299, 5448, 5352, 5344, 5693, 5300, 5616, 5400, 5403, 5436, 5458, 5606, 5634, 5276, 5506, 5569, 5631, 5405, 5539, 5464, 5269, 5724, 5283 (16 hits)
4	9	1.0	333.0	Yes	5319.4MHz, -63.0dBm	Hop sequence: 5356, 5274, 5277, 5688, 5608, 5516, 5438, 5589, 5430, 5306, 5500, 5449, 5583, 5359, 5712, 5353, 5704, 5404, 5632, 5415, 5538, 5365, 5278, 5425, 5364, 5696, 5698, 5624, 5651, 5484, 5421, 5708, 5599, 5252, 5567, 5315, 5705, 5555, 5275, 5494, 5499, 5556, 5674, 5645, 5279, 5703, 5311, 5699, 5571, 5615, 5310, 5683, 5563, 5342, 5537, 5460, 5670, 5475, 5518, 5552, 5372, 5429, 5403, 5406, 5546, 5577, 5448, 5377, 5446, 5323, 5447, 5547, 5426, 5412, 5639, 5470, 5461, 5319, 5343, 5358, 5664, 5308, 5381, 5684, 5327, 5675, 5633, 5636, 5408, 5291, 5272, 5332, 5483, 5524,

Table 90 - FCC frequency hopping radar Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5610, 5540, 5288, 5316, 5401, 5682 (18 hits)
5	9	1.0	333.0	Yes	5328.6MHz, -63.0dBm	Hop sequence: 5541, 5562, 5676, 5638, 5404, 5321, 5362, 5386, 5605, 5475, 5366, 5693, 5253, 5412, 5537, 5614, 5375, 5557, 5525, 5633, 5607, 5392, 5596, 5330, 5428, 5683, 5564, 5674, 5422, 5450, 5447, 5604, 5634, 5611, 5280, 5270, 5439, 5700, 5389, 5724, 5720, 5606, 5325, 5455, 5367, 5534, 5651, 5258, 5254, 5519, 5459, 5494, 5480, 5516, 5304, 5685, 5698, 5495, 5477, 5452, 5509, 5413, 5684, 5711, 5529, 5593, 5365, 5329, 5433, 5347, 5415, 5440, 5474, 5712, 5576, 5360, 5479, 5471, 5702, 5659, 5500, 5419, 5458, 5552, 5384, 5501, 5522, 5555, 5485, 5349, 5551, 5658, 5567, 5272, 5710, 5307, 5690, 5469, 5580, 5314 (11 hits)
6	9	1.0	333.0	Yes	5251.4MHz, -63.0dBm	Hop sequence: 5435, 5407, 5711, 5492, 5267, 5381, 5454, 5358, 5701, 5527, 5494, 5687, 5458, 5320, 5624, 5390, 5526, 5459, 5656, 5612, 5642, 5443, 5615, 5610, 5344, 5550, 5531, 5553, 5256, 5324, 5630, 5290, 5378, 5601, 5547, 5395, 5675, 5266, 5462, 5370, 5587, 5352, 5681, 5602, 5321, 5712, 5380, 5440, 5621, 5330, 5623, 5619, 5651, 5262, 5409, 5255, 5608, 5257, 5331, 5278, 5505, 5420, 5694, 5414, 5322, 5566, 5444, 5367, 5637, 5422, 5424, 5276, 5349, 5500, 5353, 5596, 5282, 5360, 5607, 5546, 5726, 5718, 5498, 5423, 5261, 5501, 5403, 5679, 5634, 5632, 5617, 5556, 5382, 5529, 5629, 5688, 5455, 5517, 5364, 5369 (15 hits)
7	9	1.0	333.0	Yes	5253.2MHz, -63.0dBm	Hop sequence: 5392, 5297, 5255, 5393, 5649, 5267, 5554, 5304, 5439, 5459, 5500, 5453, 5552, 5540, 5301, 5343, 5407, 5640, 5380, 5637, 5303, 5405, 5513, 5374, 5291, 5334, 5710, 5404, 5372, 5496, 5351, 5635, 5669, 5284, 5591, 5657, 5530, 5417, 5535, 5335, 5276, 5408, 5648, 5420, 5707, 5316, 5705, 5701, 5608, 5359, 5294, 5312, 5636, 5448, 5521, 5473, 5632, 5675, 5323, 5536, 5377, 5438, 5271, 5253, 5616, 5295, 5589, 5609, 5307, 5263, 5621, 5712, 5569, 5602, 5683, 5385, 5694, 5461, 5375, 5595, 5512, 5503, 5708, 5476, 5599, 5722, 5668, 5451, 5310, 5579, 5517, 5692, 5319, 5483, 5266, 5677, 5551, 5651, 5667, 5399 (21 hits)
8	9	1.0	333.0	Yes	5262.3MHz, -63.0dBm	Hop sequence: 5336, 5501, 5398, 5257, 5399, 5605, 5358, 5628, 5521, 5296, 5720, 5258, 5676, 5406, 5582, 5280, 5598, 5469, 5710, 5637, 5365, 5309, 5646, 5560, 5510, 5433, 5395, 5665, 5585, 5461, 5526, 5657, 5283, 5465, 5495, 5587, 5438, 5323, 5486, 5651, 5459, 5591, 5316, 5645, 5482, 5351, 5561, 5681, 5601, 5380, 5349, 5373, 5538, 5378, 5468, 5648, 5679, 5655, 5366, 5691, 5509, 5306, 5531, 5569, 5554, 5661, 5675, 5698, 5355, 5634, 5487, 5390, 5674, 5563, 5333, 5273, 5537, 5295,

Table 90 - FCC frequency hopping radar Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5456, 5319, 5434, 5334, 5463, 5328, 5547, 5297, 5419, 5606, 5635, 5619, 5597, 5392, 5329, 5337, 5382, 5311, 5596, 5539, 5678, 5331 (15 hits)
9	9	1.0	333.0	Yes	5267.8MHz, -63.0dBm	Hop sequence: 5650, 5669, 5719, 5403, 5693, 5604, 5420, 5552, 5314, 5660, 5695, 5338, 5497, 5436, 5385, 5648, 5422, 5275, 5577, 5267, 5591, 5582, 5610, 5391, 5305, 5725, 5381, 5468, 5619, 5678, 5617, 5255, 5631, 5594, 5434, 5519, 5286, 5431, 5321, 5720, 5460, 5722, 5440, 5351, 5700, 5368, 5453, 5282, 5377, 5605, 5681, 5328, 5705, 5627, 5443, 5333, 5375, 5311, 5599, 5523, 5637, 5360, 5622, 5486, 5312, 5662, 5295, 5503, 5261, 5706, 5670, 5512, 5643, 5273, 5563, 5630, 5578, 5398, 5300, 5322, 5454, 5544, 5280, 5370, 5409, 5575, 5686, 5292, 5413, 5346, 5589, 5663, 5482, 5634, 5480, 5574, 5378, 5416, 5498, 5621 (18 hits)
10	9	1.0	333.0	Yes	5271.7MHz, -63.0dBm	Hop sequence: 5563, 5513, 5326, 5614, 5391, 5674, 5550, 5483, 5435, 5398, 5319, 5294, 5392, 5478, 5297, 5453, 5490, 5274, 5621, 5725, 5656, 5721, 5592, 5583, 5265, 5544, 5393, 5684, 5497, 5474, 5528, 5363, 5310, 5655, 5631, 5365, 5337, 5397, 5577, 5708, 5691, 5362, 5644, 5402, 5570, 5481, 5622, 5352, 5582, 5376, 5430, 5423, 5463, 5333, 5296, 5699, 5468, 5373, 5599, 5298, 5593, 5389, 5666, 5422, 5329, 5596, 5457, 5608, 5624, 5277, 5489, 5484, 5419, 5412, 5639, 5420, 5505, 5308, 5604, 5334, 5416, 5404, 5533, 5486, 5300, 5350, 5594, 5568, 5344, 5305, 5488, 5414, 5407, 5367, 5491, 5607, 5401, 5665, 5715, 5723 (13 hits)
11	9	1.0	333.0	Yes	5279.9MHz, -63.0dBm	Hop sequence: 5512, 5364, 5275, 5574, 5480, 5460, 5268, 5318, 5327, 5413, 5676, 5571, 5716, 5662, 5254, 5669, 5295, 5428, 5352, 5686, 5555, 5524, 5277, 5692, 5514, 5396, 5602, 5498, 5663, 5688, 5285, 5464, 5578, 5671, 5310, 5446, 5622, 5577, 5347, 5415, 5337, 5466, 5635, 5613, 5493, 5473, 5260, 5725, 5698, 5294, 5372, 5414, 5300, 5448, 5438, 5553, 5507, 5572, 5703, 5603, 5607, 5665, 5697, 5644, 5301, 5584, 5258, 5420, 5628, 5444, 5713, 5334, 5570, 5274, 5381, 5580, 5356, 5400, 5630, 5559, 5585, 5690, 5383, 5311, 5620, 5508, 5360, 5282, 5338, 5361, 5655, 5378, 5457, 5287, 5291, 5429, 5569, 5694, 5470, 5292 (20 hits)
12	9	1.0	333.0	Yes	5282.6MHz, -63.0dBm	Hop sequence: 5321, 5549, 5299, 5565, 5726, 5291, 5700, 5331, 5423, 5581, 5271, 5558, 5302, 5497, 5363, 5347, 5487, 5642, 5459, 5657, 5506, 5300, 5513, 5541, 5695, 5484, 5343, 5443, 5410, 5404, 5722, 5431, 5606, 5604, 5473, 5360, 5317, 5567, 5288, 5509, 5586, 5576, 5385, 5262, 5292, 5333, 5618, 5536, 5559, 5454, 5416, 5662, 5629, 5251, 5394, 5648, 5304, 5498, 5517, 5555, 5688, 5374,

Table 90 - FCC frequency hopping radar Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5270, 5682, 5590, 5437, 5403, 5294, 5366, 5303, 5380, 5702, 5512, 5378, 5616, 5421, 5376, 5297, 5571, 5652, 5315, 5572, 5314, 5617, 5425, 5311, 5675, 5623, 5511, 5255, 5609, 5504, 5595, 5308, 5357, 5518, 5405, 5570, 5287, 5704 (21 hits)
13	9	1.0	333.0	Yes	5292.9MHz, -63.0dBm	Hop sequence: 5407, 5331, 5569, 5677, 5612, 5427, 5513, 5700, 5446, 5555, 5355, 5518, 5398, 5688, 5619, 5478, 5553, 5603, 5278, 5500, 5436, 5292, 5673, 5660, 5297, 5451, 5565, 5489, 5267, 5550, 5537, 5416, 5485, 5384, 5343, 5394, 5454, 5633, 5535, 5455, 5445, 5577, 5684, 5335, 5350, 5592, 5691, 5251, 5370, 5692, 5717, 5283, 5685, 5431, 5345, 5490, 5557, 5503, 5479, 5269, 5631, 5397, 5275, 5305, 5477, 5252, 5586, 5588, 5504, 5448, 5271, 5365, 5598, 5659, 5409, 5372, 5385, 5721, 5287, 5604, 5712, 5415, 5368, 5715, 5574, 5304, 5517, 5507, 5391, 5437, 5657, 5344, 5501, 5532, 5460, 5291, 5325, 5413, 5334, 5629 (14 hits)
14	9	1.0	333.0	Yes	5302.2MHz, -63.0dBm	Hop sequence: 5425, 5528, 5448, 5591, 5580, 5641, 5264, 5377, 5589, 5574, 5422, 5291, 5407, 5524, 5551, 5671, 5595, 5634, 5317, 5452, 5716, 5710, 5637, 5504, 5544, 5297, 5526, 5360, 5323, 5498, 5364, 5577, 5467, 5486, 5382, 5511, 5724, 5722, 5342, 5620, 5667, 5600, 5639, 5348, 5660, 5333, 5468, 5270, 5290, 5539, 5522, 5418, 5549, 5512, 5642, 5698, 5668, 5557, 5646, 5706, 5302, 5259, 5337, 5489, 5699, 5444, 5719, 5631, 5563, 5440, 5354, 5409, 5584, 5325, 5570, 5590, 5339, 5272, 5441, 5662, 5656, 5670, 5565, 5457, 5665, 5275, 5538, 5351, 5341, 5709, 5695, 5329, 5416, 5552, 5518, 5404, 5530, 5353, 5712, 5508 (12 hits)
15	9	1.0	333.0	No	5306.7MHz, -63.0dBm	Hop sequence: 5521, 5583, 5262, 5519, 5515, 5719, 5634, 5629, 5304, 5422, 5300, 5274, 5252, 5701, 5320, 5482, 5415, 5562, 5403, 5484, 5530, 5453, 5402, 5251, 5542, 5724, 5368, 5499, 5306, 5683, 5595, 5437, 5288, 5479, 5315, 5371, 5361, 5531, 5308, 5716, 5477, 5429, 5718, 5469, 5552, 5438, 5628, 5347, 5570, 5250, 5290, 5496, 5379, 5332, 5723, 5302, 5386, 5547, 5394, 5474, 5458, 5647, 5646, 5374, 5597, 5508, 5375, 5679, 5662, 5573, 5616, 5328, 5649, 5450, 5559, 5638, 5323, 5639, 5709, 5456, 5424, 5624, 5611, 5568, 5520, 5598, 5430, 5465, 5343, 5318, 5554, 5390, 5681, 5706, 5408, 5404, 5579, 5659, 5672, 5510 (15 hits)
16	9	1.0	333.0	Yes	5306.7MHz, -63.0dBm	Hop sequence: 5410, 5425, 5411, 5652, 5697, 5659, 5391, 5716, 5493, 5584, 5379, 5280, 5404, 5666, 5705, 5474, 5598, 5469, 5382, 5590, 5696, 5254, 5700, 5306, 5632, 5488, 5524, 5388, 5476, 5349, 5409, 5517, 5324, 5435, 5356, 5497, 5380, 5419, 5292, 5299, 5650, 5539, 5274, 5509, 5603, 5537,

Table 90 - FCC frequency hopping radar Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5397, 5276, 5343, 5426, 5608, 5689, 5368, 5449, 5371, 5707, 5657, 5461, 5434, 5302, 5692, 5439, 5583, 5621, 5622, 5354, 5624, 5329, 5291, 5620, 5287, 5634, 5660, 5325, 5639, 5288, 5687, 5691, 5668, 5377, 5627, 5373, 5345, 5333, 5512, 5270, 5686, 5387, 5564, 5468, 5585, 5252, 5412, 5588, 5355, 5647, 5378, 5609, 5690, 5618 (15 hits)
17	9	1.0	333.0	Yes	5309.1MHz, -63.0dBm	Hop sequence: 5479, 5545, 5341, 5264, 5474, 5382, 5567, 5378, 5466, 5525, 5569, 5296, 5262, 5595, 5699, 5345, 5697, 5652, 5517, 5337, 5433, 5594, 5677, 5266, 5324, 5703, 5403, 5389, 5335, 5393, 5717, 5415, 5409, 5454, 5499, 5615, 5532, 5665, 5461, 5691, 5726, 5300, 5556, 5280, 5435, 5305, 5635, 5719, 5593, 5321, 5572, 5713, 5524, 5530, 5448, 5689, 5282, 5700, 5452, 5657, 5675, 5638, 5391, 5456, 5724, 5269, 5692, 5407, 5256, 5299, 5625, 5599, 5580, 5581, 5636, 5431, 5271, 5667, 5513, 5313, 5405, 5649, 5253, 5294, 5720, 5561, 5660, 5503, 5306, 5704, 5522, 5651, 5568, 5437, 5379, 5293, 5406, 5295, 5258, 5631 (21 hits)
18	9	1.0	333.0	Yes	5313.9MHz, -63.0dBm	Hop sequence: 5721, 5554, 5710, 5333, 5452, 5449, 5355, 5701, 5455, 5724, 5294, 5413, 5398, 5604, 5282, 5614, 5641, 5586, 5519, 5622, 5254, 5304, 5342, 5251, 5427, 5634, 5707, 5358, 5551, 5329, 5492, 5447, 5464, 5435, 5465, 5698, 5262, 5255, 5542, 5267, 5619, 5334, 5466, 5480, 5718, 5343, 5712, 5297, 5663, 5708, 5365, 5397, 5487, 5555, 5463, 5366, 5556, 5658, 5569, 5383, 5399, 5683, 5279, 5654, 5639, 5628, 5657, 5291, 5685, 5280, 5697, 5690, 5382, 5568, 5344, 5428, 5689, 5544, 5693, 5623, 5526, 5497, 5711, 5536, 5517, 5589, 5691, 5388, 5593, 5319, 5468, 5292, 5309, 5396, 5473, 5471, 5458, 5378, 5709, 5509 (14 hits)
19	9	1.0	333.0	Yes	5321.9MHz, -63.0dBm	Hop sequence: 5308, 5368, 5294, 5472, 5651, 5688, 5374, 5710, 5690, 5583, 5552, 5265, 5375, 5686, 5704, 5691, 5561, 5255, 5644, 5322, 5301, 5620, 5549, 5663, 5401, 5387, 5433, 5554, 5310, 5491, 5367, 5313, 5358, 5356, 5571, 5701, 5568, 5623, 5681, 5392, 5407, 5570, 5370, 5693, 5695, 5517, 5268, 5453, 5590, 5696, 5362, 5306, 5705, 5637, 5576, 5533, 5288, 5613, 5714, 5305, 5275, 5632, 5418, 5393, 5416, 5565, 5271, 5503, 5682, 5594, 5649, 5432, 5426, 5608, 5702, 5395, 5645, 5617, 5304, 5619, 5485, 5302, 5518, 5666, 5345, 5404, 5585, 5604, 5381, 5712, 5658, 5339, 5422, 5592, 5546, 5326, 5625, 5659, 5532, 5283 (18 hits)
20	9	1.0	333.0	Yes	5328.6MHz, -63.0dBm	Hop sequence: 5478, 5344, 5377, 5517, 5487, 5286, 5490, 5301, 5320, 5482, 5454, 5563, 5410, 5350, 5404, 5340, 5369, 5378, 5601, 5519, 5342, 5625, 5554, 5416, 5541, 5671, 5512, 5305, 5299, 5590,

Table 90 - FCC frequency hopping radar Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5418, 5670, 5607, 5536, 5616, 5313, 5351, 5290, 5421, 5500, 5321, 5391, 5256, 5364, 5609, 5274, 5259, 5585, 5374, 5333, 5449, 5312, 5258, 5724, 5564, 5633, 5412, 5518, 5431, 5574, 5291, 5413, 5373, 5535, 5553, 5722, 5639, 5610, 5592, 5566, 5480, 5492, 5363, 5474, 5477, 5472, 5612, 5534, 5465, 5709, 5505, 5488, 5276, 5398, 5368, 5573, 5698, 5667, 5669, 5385, 5284, 5498, 5718, 5723, 5264, 5543, 5476, 5629, 5665, 5446 (17 hits)
21	9	1.0	333.0	Yes	5251.4MHz, -63.0dBm	Hop sequence: 5662, 5252, 5688, 5481, 5586, 5477, 5417, 5474, 5598, 5364, 5264, 5282, 5632, 5557, 5484, 5534, 5396, 5445, 5596, 5649, 5531, 5636, 5461, 5720, 5334, 5386, 5394, 5646, 5617, 5677, 5592, 5671, 5532, 5674, 5542, 5293, 5453, 5324, 5483, 5317, 5295, 5400, 5380, 5285, 5713, 5495, 5522, 5707, 5503, 5480, 5441, 5467, 5627, 5331, 5493, 5260, 5541, 5471, 5325, 5378, 5299, 5566, 5621, 5432, 5397, 5711, 5565, 5537, 5327, 5687, 5550, 5259, 5412, 5381, 5420, 5695, 5256, 5509, 5395, 5710, 5535, 5272, 5530, 5664, 5635, 5626, 5683, 5502, 5614, 5343, 5647, 5422, 5379, 5725, 5698, 5519, 5401, 5573, 5559, 5492 (15 hits)
22	9	1.0	333.0	Yes	5256.2MHz, -63.0dBm	Hop sequence: 5464, 5308, 5616, 5396, 5557, 5535, 5716, 5427, 5397, 5590, 5358, 5354, 5259, 5429, 5334, 5553, 5491, 5460, 5446, 5290, 5361, 5264, 5387, 5696, 5647, 5317, 5653, 5623, 5265, 5350, 5366, 5273, 5567, 5606, 5298, 5595, 5407, 5288, 5390, 5664, 5578, 5266, 5492, 5258, 5413, 5562, 5476, 5695, 5684, 5592, 5625, 5489, 5600, 5363, 5701, 5352, 5668, 5569, 5697, 5692, 5673, 5685, 5717, 5587, 5417, 5477, 5488, 5711, 5524, 5497, 5646, 5601, 5573, 5255, 5518, 5419, 5490, 5656, 5538, 5654, 5622, 5295, 5473, 5346, 5515, 5448, 5486, 5267, 5637, 5534, 5332, 5630, 5404, 5310, 5335, 5385, 5720, 5438, 5304, 5704 (16 hits)
23	9	1.0	333.0	Yes	5268.5MHz, -63.0dBm	Hop sequence: 5355, 5532, 5627, 5470, 5436, 5258, 5475, 5700, 5399, 5479, 5464, 5522, 5447, 5397, 5342, 5361, 5273, 5260, 5548, 5533, 5366, 5682, 5337, 5693, 5553, 5251, 5644, 5709, 5683, 5687, 5535, 5376, 5688, 5267, 5521, 5610, 5411, 5302, 5346, 5426, 5636, 5515, 5298, 5401, 5556, 5590, 5614, 5539, 5369, 5666, 5360, 5703, 5619, 5482, 5379, 5719, 5463, 5311, 5599, 5504, 5577, 5341, 5594, 5286, 5669, 5453, 5322, 5331, 5665, 5617, 5299, 5657, 5364, 5675, 5407, 5676, 5707, 5287, 5570, 5335, 5672, 5634, 5691, 5472, 5314, 5445, 5354, 5476, 5394, 5438, 5518, 5261, 5592, 5410, 5697, 5607, 5264, 5623, 5689, 5253 (15 hits)
24	9	1.0	333.0	Yes	5278.9MHz, -63.0dBm	Hop sequence: 5293, 5441, 5614, 5650, 5479, 5301, 5284, 5292, 5693, 5350, 5525, 5601, 5566, 5254,

Table 90 - FCC frequency hopping radar Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5369, 5303, 5600, 5647, 5380, 5494, 5721, 5555, 5501, 5289, 5474, 5712, 5440, 5691, 5286, 5535, 5449, 5585, 5321, 5400, 5677, 5597, 5659, 5618, 5464, 5538, 5255, 5559, 5465, 5353, 5509, 5318, 5717, 5390, 5514, 5625, 5532, 5381, 5437, 5399, 5408, 5439, 5404, 5628, 5327, 5615, 5539, 5398, 5413, 5269, 5577, 5344, 5569, 5397, 5552, 5561, 5523, 5627, 5580, 5610, 5500, 5507, 5378, 5515, 5687, 5488, 5703, 5418, 5699, 5694, 5584, 5442, 5338, 5278, 5387, 5466, 5401, 5287, 5454, 5575, 5328, 5616, 5520, 5428, 5315, 5725 (17 hits)
25	9	1.0	333.0	Yes	5288.0MHz, -63.0dBm	Hop sequence: 5622, 5482, 5270, 5709, 5328, 5614, 5668, 5722, 5277, 5656, 5405, 5559, 5449, 5721, 5394, 5712, 5257, 5488, 5547, 5479, 5478, 5581, 5593, 5372, 5539, 5633, 5592, 5586, 5442, 5373, 5448, 5334, 5726, 5273, 5573, 5546, 5463, 5694, 5438, 5493, 5314, 5266, 5548, 5407, 5460, 5681, 5698, 5473, 5330, 5409, 5519, 5490, 5466, 5338, 5465, 5700, 5565, 5666, 5402, 5508, 5312, 5497, 5265, 5580, 5688, 5591, 5361, 5280, 5673, 5387, 5346, 5608, 5631, 5416, 5403, 5354, 5378, 5417, 5263, 5568, 5674, 5503, 5523, 5707, 5677, 5268, 5584, 5601, 5682, 5349, 5657, 5578, 5555, 5258, 5642, 5413, 5667, 5443, 5285, 5613 (14 hits)
26	9	1.0	333.0	Yes	5289.3MHz, -63.0dBm	Hop sequence: 5491, 5556, 5309, 5317, 5577, 5463, 5345, 5693, 5430, 5518, 5534, 5266, 5324, 5621, 5396, 5514, 5330, 5690, 5365, 5537, 5513, 5387, 5551, 5657, 5632, 5563, 5350, 5511, 5560, 5617, 5321, 5716, 5383, 5685, 5629, 5701, 5635, 5371, 5609, 5654, 5555, 5420, 5694, 5479, 5562, 5605, 5631, 5390, 5435, 5708, 5573, 5320, 5446, 5674, 5449, 5271, 5535, 5598, 5433, 5633, 5619, 5436, 5473, 5590, 5415, 5281, 5470, 5571, 5715, 5612, 5709, 5582, 5489, 5419, 5388, 5432, 5527, 5523, 5594, 5380, 5587, 5283, 5510, 5538, 5451, 5421, 5335, 5319, 5576, 5643, 5297, 5255, 5429, 5376, 5602, 5640, 5717, 5474, 5570, 5469 (12 hits)
27	9	1.0	333.0	Yes	5301.7MHz, -63.0dBm	Hop sequence: 5573, 5362, 5535, 5288, 5352, 5691, 5457, 5645, 5555, 5711, 5588, 5483, 5445, 5492, 5391, 5285, 5572, 5530, 5598, 5609, 5277, 5545, 5505, 5253, 5575, 5687, 5620, 5416, 5486, 5686, 5608, 5469, 5616, 5484, 5461, 5459, 5705, 5539, 5305, 5428, 5325, 5480, 5594, 5419, 5630, 5632, 5515, 5544, 5436, 5424, 5721, 5329, 5479, 5328, 5591, 5628, 5611, 5353, 5680, 5437, 5344, 5709, 5523, 5465, 5348, 5667, 5713, 5526, 5411, 5453, 5512, 5407, 5538, 5614, 5423, 5570, 5600, 5626, 5373, 5470, 5704, 5383, 5297, 5420, 5605, 5491, 5692, 5717, 5315, 5586, 5623, 5341, 5622, 5287, 5458, 5693, 5694, 5706, 5292, 5559 (11 hits)

Table 90 - FCC frequency hopping radar Results 80 MHz Dual Radio (Operating channel 5290MHz, channel 52E)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
28	9	1.0	333.0	Yes	5304.1MHz, -63.0dBm	Hop sequence: 5312, 5554, 5260, 5509, 5543, 5384, 5720, 5528, 5321, 5262, 5572, 5512, 5423, 5660, 5536, 5450, 5395, 5690, 5676, 5647, 5448, 5613, 5483, 5592, 5633, 5538, 5371, 5539, 5698, 5535, 5599, 5290, 5314, 5305, 5646, 5564, 5691, 5389, 5387, 5562, 5567, 5652, 5467, 5342, 5267, 5435, 5601, 5427, 5377, 5723, 5440, 5724, 5426, 5280, 5366, 5614, 5716, 5492, 5347, 5414, 5257, 5552, 5457, 5550, 5460, 5615, 5679, 5360, 5403, 5355, 5531, 5565, 5595, 5622, 5694, 5555, 5445, 5340, 5712, 5406, 5471, 5398, 5637, 5472, 5278, 5570, 5437, 5439, 5470, 5518, 5611, 5461, 5322, 5476, 5629, 5504, 5356, 5726, 5455, 5478 (12 hits)
29	9	1.0	333.0	Yes	5305.8MHz, -63.0dBm	Hop sequence: 5263, 5390, 5392, 5663, 5694, 5420, 5404, 5254, 5722, 5556, 5471, 5677, 5681, 5609, 5586, 5705, 5366, 5495, 5321, 5408, 5351, 5644, 5555, 5275, 5458, 5354, 5603, 5657, 5273, 5252, 5256, 5642, 5328, 5405, 5549, 5717, 5558, 5253, 5661, 5485, 5607, 5564, 5364, 5426, 5272, 5507, 5265, 5396, 5537, 5643, 5636, 5724, 5315, 5498, 5606, 5431, 5652, 5623, 5380, 5675, 5346, 5399, 5487, 5410, 5674, 5400, 5656, 5686, 5439, 5676, 5292, 5266, 5384, 5300, 5429, 5352, 5438, 5712, 5341, 5715, 5630, 5307, 5332, 5281, 5678, 5267, 5635, 5538, 5479, 5605, 5684, 5695, 5651, 5401, 5571, 5452, 5394, 5304, 5711, 5596 (19 hits)
30	9	1.0	333.0	Yes	5310.5MHz, -63.0dBm	Hop sequence: 5680, 5441, 5368, 5528, 5581, 5651, 5624, 5446, 5601, 5411, 5416, 5493, 5369, 5325, 5473, 5308, 5341, 5461, 5569, 5555, 5636, 5642, 5675, 5540, 5324, 5495, 5252, 5279, 5716, 5263, 5653, 5458, 5517, 5626, 5390, 5586, 5343, 5541, 5602, 5706, 5689, 5504, 5436, 5468, 5640, 5275, 5708, 5492, 5404, 5643, 5697, 5549, 5382, 5266, 5699, 5337, 5449, 5323, 5367, 5364, 5546, 5353, 5356, 5514, 5647, 5669, 5418, 5378, 5300, 5276, 5445, 5554, 5726, 5692, 5614, 5484, 5536, 5535, 5281, 5375, 5557, 5427, 5350, 5261, 5491, 5371, 5674, 5264, 5505, 5670, 5384, 5393, 5595, 5373, 5435, 5301, 5340, 5454, 5362, 5521 (15 hits)

Table 91 - FCC Short Pulse Radar (Type 1A) Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	65	1.0	818.0	Yes	5310.0MHz,-63.0dBm	Single burst
2	70	1.0	758.0	Yes	5316.3MHz,-63.0dBm	Single burst
3	18	1.0	3066.0	Yes	5318.7MHz,-63.0dBm	Single burst
4	68	1.0	778.0	Yes	5324.7MHz,-63.0dBm	Single burst
5	99	1.0	538.0	Yes	5327.8MHz,-63.0dBm	Single burst
6	95	1.0	558.0	Yes	5329.4MHz,-63.0dBm	Single burst
7	59	1.0	898.0	Yes	5290.6MHz,-63.0dBm	Single burst
8	62	1.0	858.0	Yes	5294.0MHz,-63.0dBm	Single burst
9	83	1.0	638.0	Yes	5298.9MHz,-63.0dBm	Single burst
10	86	1.0	618.0	Yes	5300.1MHz,-63.0dBm	Single burst
11	92	1.0	578.0	Yes	5306.9MHz,-63.0dBm	Single burst
12	61	1.0	878.0	Yes	5311.7MHz,-63.0dBm	Single burst
13	63	1.0	838.0	Yes	5315.2MHz,-63.0dBm	Single burst
14	74	1.0	718.0	Yes	5319.3MHz,-63.0dBm	Single burst
15	81	1.0	658.0	Yes	5324.4MHz,-63.0dBm	Single burst

Table 92 - FCC Short Pulse Radar (Type 1B) Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	26	1.0	2035.0	Yes	5310.0MHz,-63.0dBm	Single burst
2	86	1.0	615.0	Yes	5311.1MHz,-63.0dBm	Single burst
3	52	1.0	1020.0	Yes	5312.4MHz,-63.0dBm	Single burst
4	18	1.0	2949.0	Yes	5313.8MHz,-63.0dBm	Single burst
5	55	1.0	966.0	Yes	5318.9MHz,-63.0dBm	Single burst
6	19	1.0	2801.0	Yes	5323.4MHz,-63.0dBm	Single burst
7	63	1.0	841.0	Yes	5327.7MHz,-63.0dBm	Single burst
8	21	1.0	2601.0	Yes	5329.4MHz,-63.0dBm	Single burst
9	51	1.0	1053.0	Yes	5290.6MHz,-63.0dBm	Single burst
10	18	1.0	3033.0	Yes	5291.3MHz,-63.0dBm	Single burst
11	57	1.0	931.0	Yes	5296.7MHz,-63.0dBm	Single burst
12	27	1.0	1957.0	Yes	5300.1MHz,-63.0dBm	Single burst
13	46	1.0	1170.0	Yes	5301.5MHz,-63.0dBm	Single burst
14	21	1.0	2526.0	Yes	5308.1MHz,-63.0dBm	Single burst
15	29	1.0	1832.0	Yes	5309.6MHz,-63.0dBm	Single burst

Table 93 - FCC Short Pulse Radar (Type 2) Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	26	4.9	163.0	Yes	5310.0MHz,-63.0dBm	Single burst
2	25	4.8	200.0	Yes	5311.2MHz,-63.0dBm	Single burst
3	23	2.2	210.0	Yes	5318.0MHz,-63.0dBm	Single burst
4	28	3.3	167.0	Yes	5323.3MHz,-63.0dBm	Single burst
5	27	1.1	181.0	Yes	5329.2MHz,-63.0dBm	Single burst
6	26	3.3	197.0	Yes	5290.8MHz,-63.0dBm	Single burst
7	25	4.1	168.0	Yes	5290.8MHz,-63.0dBm	Single burst
8	27	4.0	153.0	Yes	5295.6MHz,-63.0dBm	Single burst
9	23	2.1	230.0	Yes	5296.7MHz,-63.0dBm	Single burst
10	26	1.6	213.0	Yes	5299.3MHz,-63.0dBm	Single burst
11	25	3.1	225.0	No	5303.1MHz,-63.0dBm	Single burst
12	27	2.5	207.0	Yes	5303.1MHz,-63.0dBm	Single burst
13	28	2.6	182.0	No	5306.5MHz,-63.0dBm	Single burst
14	28	2.7	200.0	Yes	5306.5MHz,-63.0dBm	Single burst
15	23	1.6	170.0	Yes	5311.4MHz,-63.0dBm	Single burst
16	26	3.2	196.0	No	5316.2MHz,-63.0dBm	Single burst
17	25	4.0	178.0	No	5316.2MHz,-63.0dBm	Single burst
18	24	3.4	192.0	Yes	5316.2MHz,-63.0dBm	Single burst
19	27	1.7	184.0	Yes	5320.1MHz,-63.0dBm	Single burst
20	28	1.9	216.0	Yes	5327.0MHz,-63.0dBm	Single burst
21	28	1.4	200.0	Yes	5329.2MHz,-63.0dBm	Single burst
22	24	2.5	205.0	Yes	5290.8MHz,-63.0dBm	Single burst
23	25	2.2	172.0	Yes	5293.4MHz,-63.0dBm	Single burst
24	26	3.8	208.0	Yes	5295.0MHz,-63.0dBm	Single burst
25	26	2.3	165.0	Yes	5297.3MHz,-63.0dBm	Single burst
26	25	1.8	215.0	Yes	5299.7MHz,-63.0dBm	Single burst
27	27	3.5	215.0	Yes	5304.6MHz,-63.0dBm	Single burst
28	28	3.3	217.0	Yes	5311.0MHz,-63.0dBm	Single burst
29	25	5.0	155.0	No	5316.9MHz,-63.0dBm	Single burst
30	23	3.1	198.0	No	5316.9MHz,-63.0dBm	Single burst

Table 94 - FCC Short Pulse Radar (Type 3) Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	17	6.6	474.0	Yes	5310.0MHz,-63.0dBm	Single burst
2	17	7.0	415.0	No	5313.1MHz,-63.0dBm	Single burst
3	17	8.7	219.0	Yes	5313.1MHz,-63.0dBm	Single burst
4	17	9.9	471.0	Yes	5314.4MHz,-63.0dBm	Single burst
5	16	6.4	203.0	Yes	5317.5MHz,-63.0dBm	Single burst
6	17	7.7	334.0	No	5322.9MHz,-63.0dBm	Single burst
7	17	9.4	466.0	Yes	5322.9MHz,-63.0dBm	Single burst
8	16	6.2	283.0	Yes	5325.4MHz,-63.0dBm	Single burst
9	17	6.9	221.0	Yes	5327.0MHz,-63.0dBm	Single burst
10	16	8.5	219.0	No	5329.2MHz,-63.0dBm	Single burst
11	17	9.4	498.0	Yes	5329.2MHz,-63.0dBm	Single burst
12	17	6.1	327.0	Yes	5290.8MHz,-63.0dBm	Single burst
13	16	6.6	455.0	Yes	5293.4MHz,-63.0dBm	Single burst
14	17	9.9	405.0	Yes	5294.7MHz,-63.0dBm	Single burst
15	18	6.5	414.0	Yes	5298.6MHz,-63.0dBm	Single burst
16	17	6.2	240.0	Yes	5304.1MHz,-63.0dBm	Single burst
17	16	8.0	428.0	Yes	5306.2MHz,-63.0dBm	Single burst
18	17	7.1	202.0	No	5307.9MHz,-63.0dBm	Single burst
19	17	7.8	426.0	Yes	5307.9MHz,-63.0dBm	Single burst
20	18	9.5	360.0	Yes	5309.4MHz,-63.0dBm	Single burst
21	17	9.0	392.0	No	5310.8MHz,-63.0dBm	Single burst
22	16	7.8	298.0	Yes	5310.8MHz,-63.0dBm	Single burst
23	18	9.2	353.0	No	5315.2MHz,-63.0dBm	Single burst
24	16	8.2	295.0	Yes	5315.2MHz,-63.0dBm	Single burst
25	18	6.0	218.0	No	5321.9MHz,-63.0dBm	Single burst
26	16	7.7	249.0	No	5321.9MHz,-63.0dBm	Single burst
27	16	7.5	242.0	No	5321.9MHz,-63.0dBm	Single burst
28	17	9.3	329.0	Yes	5321.9MHz,-63.0dBm	Single burst
29	17	6.3	443.0	Yes	5326.7MHz,-63.0dBm	Single burst
30	16	8.0	233.0	No	5329.2MHz,-63.0dBm	Single burst

Table 95 - FCC Short Pulse Radar (Type 4) Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	14	13.2	500.0	Yes	5310.0MHz,-63.0dBm	Single burst
2	14	12.3	450.0	Yes	5312.5MHz,-63.0dBm	Single burst
3	13	14.8	338.0	Yes	5316.0MHz,-63.0dBm	Single burst
4	14	17.9	462.0	Yes	5317.1MHz,-63.0dBm	Single burst
5	14	17.1	306.0	Yes	5323.8MHz,-63.0dBm	Single burst
6	15	20.0	476.0	Yes	5329.2MHz,-63.0dBm	Single burst
7	15	11.3	251.0	No	5290.8MHz,-63.0dBm	Single burst
8	15	13.2	493.0	No	5290.8MHz,-63.0dBm	Single burst
9	14	17.0	439.0	Yes	5290.8MHz,-63.0dBm	Single burst
10	14	14.4	286.0	Yes	5293.6MHz,-63.0dBm	Single burst
11	15	12.8	336.0	Yes	5297.8MHz,-63.0dBm	Single burst
12	13	11.9	242.0	No	5299.4MHz,-63.0dBm	Single burst
13	15	12.9	466.0	Yes	5299.4MHz,-63.0dBm	Single burst
14	14	11.4	357.0	Yes	5302.5MHz,-63.0dBm	Single burst
15	16	16.4	424.0	Yes	5307.9MHz,-63.0dBm	Single burst
16	15	19.4	258.0	Yes	5313.4MHz,-63.0dBm	Single burst
17	15	15.6	207.0	Yes	5316.6MHz,-63.0dBm	Single burst
18	15	13.4	220.0	No	5318.7MHz,-63.0dBm	Single burst
19	13	13.8	337.0	No	5318.7MHz,-63.0dBm	Single burst
20	14	19.4	263.0	Yes	5318.7MHz,-63.0dBm	Single burst
21	16	12.5	402.0	No	5322.4MHz,-63.0dBm	Single burst
22	15	18.2	374.0	Yes	5322.4MHz,-63.0dBm	Single burst
23	16	13.6	237.0	Yes	5326.3MHz,-63.0dBm	Single burst
24	13	11.3	271.0	Yes	5328.5MHz,-63.0dBm	Single burst
25	15	12.1	205.0	Yes	5329.2MHz,-63.0dBm	Single burst
26	13	12.6	328.0	Yes	5290.8MHz,-63.0dBm	Single burst
27	15	12.1	391.0	Yes	5295.5MHz,-63.0dBm	Single burst
28	15	18.6	420.0	No	5299.3MHz,-63.0dBm	Single burst
29	16	13.2	244.0	Yes	5299.3MHz,-63.0dBm	Single burst
30	13	13.2	232.0	Yes	5303.1MHz,-63.0dBm	Single burst

Table 96 - FCC Long Pulse Radar Summary 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5310.0MHz,-63.0dBm
Trial #2	Detected	5310.0MHz,-63.0dBm
Trial #3	Detected	5310.0MHz,-63.0dBm
Trial #4	Detected	5310.0MHz,-63.0dBm
Trial #5	Detected	5310.0MHz,-63.0dBm
Trial #6	Detected	5310.0MHz,-63.0dBm
Trial #7	Detected	5310.0MHz,-63.0dBm
Trial #8	Detected	5310.0MHz,-63.0dBm
Trial #9	Detected	5310.0MHz,-63.0dBm
Trial #10	Detected	5310.0MHz,-63.0dBm
Trial #11	Detected	5294.8MHz,-63.0dBm
Trial #12	Detected	5294.4MHz,-63.0dBm
Trial #13	Detected	5296.4MHz,-63.0dBm
Trial #14	Detected	5292.8MHz,-63.0dBm
Trial #15	Detected	5297.9MHz,-63.0dBm
Trial #16	Detected	5294.4MHz,-63.0dBm
Trial #17	Detected	5292.8MHz,-63.0dBm
Trial #18	Detected	5293.1MHz,-63.0dBm
Trial #19	Detected	5294.4MHz,-63.0dBm
Trial #20	Detected	5293.1MHz,-63.0dBm
Trial #21	Detected	5324.1MHz,-63.0dBm
Trial #22	Detected	5321.6MHz,-63.0dBm
Trial #23	Detected	5325.2MHz,-63.0dBm
Trial #24	Detected	5322.1MHz,-63.0dBm
Trial #25	Detected	5322.9MHz,-63.0dBm
Trial #26	Detected	5322.9MHz,-63.0dBm
Trial #27	Detected	5324.9MHz,-63.0dBm
Trial #28	Detected	5323.6MHz,-63.0dBm
Trial #29	Detected	5321.6MHz,-63.0dBm
Trial #30	Detected	5324.9MHz,-63.0dBm

Table 97 - FCC Long Pulse Radar Trial#1 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	59.6	5	1126.0	1453.0	0.099036
2	2	80.9	5	1554.0	-	1.018655
3	2	75.4	5	1232.0	-	2.901750
4	1	94.3	5	-	-	3.078009
5	2	99.7	5	1491.0	-	4.114525
6	1	79.8	5	-	-	5.026577
7	1	54.5	5	-	-	6.830734
8	1	96.5	5	-	-	7.279208
9	2	80.1	5	1792.0	-	8.534016
10	2	52.5	5	1439.0	-	9.562324
11	1	83.3	5	-	-	10.355474
12	1	75.3	5	-	-	11.920793

Table 98 - FCC Long Pulse Radar Trial#2 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	65.5	11	-	-	1.110233
2	2	67.7	11	1223.0	-	1.675134
3	3	72.1	11	1999.0	1123.0	2.417486
4	2	54.6	11	1825.0	-	4.756392
5	1	53.0	11	-	-	5.921728
6	2	87.3	11	1416.0	-	6.260412
7	2	98.6	11	1301.0	-	7.684769
8	3	51.6	11	1919.0	1135.0	8.729390
9	1	61.4	11	-	-	10.591843
10	1	95.4	11	-	-	11.440981

Table 99 - FCC Long Pulse Radar Trial#3 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	91.5	13	-	-	0.450834
2	2	99.4	13	1795.0	-	0.924292
3	3	62.3	13	1679.0	1395.0	1.362492
4	2	71.1	13	1527.0	-	1.966348
5	2	65.5	13	1300.0	-	2.632566
6	2	51.7	13	1916.0	-	3.327558
7	2	75.9	13	1834.0	-	3.894068
8	2	72.4	13	1517.0	-	4.758422
9	1	62.6	13	-	-	5.139229
10	2	85.4	13	1458.0	-	5.540722
11	2	57.0	13	1121.0	-	6.378013
12	2	90.1	13	1319.0	-	7.017207
13	2	98.0	13	1232.0	-	7.504294
14	2	71.5	13	1278.0	-	8.164290
15	1	68.9	13	-	-	8.669891
16	1	72.3	13	-	-	9.500632
17	2	78.6	13	1198.0	-	9.935918
18	3	51.8	13	1910.0	1882.0	10.494584
19	1	76.4	13	-	-	11.119472
20	2	76.6	13	1445.0	-	11.798375

Table 100 - FCC Long Pulse Radar Trial#4 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.1	20	1131.0	-	0.578338
2	2	96.0	20	1358.0	-	1.449669
3	3	82.8	20	1022.0	1412.0	1.908067
4	2	79.7	20	1674.0	-	3.229345
5	2	93.0	20	1438.0	-	4.160130
6	2	94.4	20	1021.0	-	4.713384
7	2	56.2	20	1624.0	-	5.648640
8	2	73.6	20	1726.0	-	6.703995
9	1	58.7	20	-	-	7.567893
10	2	80.2	20	1292.0	-	8.790754
11	2	99.3	20	1724.0	-	9.378565
12	2	51.1	20	1412.0	-	10.822718
13	3	76.0	20	1645.0	1331.0	11.088388

Table 101 - FCC Long Pulse Radar Trial#5 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.1	14	1070.0	-	0.620913
2	3	68.7	14	1296.0	1468.0	1.527851
3	1	75.3	14	-	-	2.499974
4	2	76.0	14	1616.0	-	2.976259
5	2	83.6	14	1787.0	-	3.520911
6	1	71.0	14	-	-	4.317558
7	3	62.0	14	1485.0	1784.0	5.927618
8	1	85.5	14	-	-	6.030204
9	3	58.8	14	1035.0	1997.0	7.495112
10	2	93.9	14	1907.0	-	7.721551
11	1	98.4	14	-	-	9.273858
12	2	65.8	14	1057.0	-	10.243332
13	1	58.4	14	-	-	10.741493
14	1	73.3	14	-	-	11.180698

Table 102 - FCC Long Pulse Radar Trial#6 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	66.3	19	1020.0	-	0.573394
2	1	73.8	19	-	-	1.783911
3	3	90.5	19	1872.0	1398.0	3.335751
4	3	74.7	19	1969.0	1177.0	4.786840
5	2	66.3	19	1776.0	-	5.428719
6	2	58.4	19	1441.0	-	6.422988
7	3	51.3	19	1572.0	1516.0	7.597000
8	2	61.5	19	1508.0	-	9.384265
9	2	51.8	19	1906.0	-	9.868519
10	2	73.4	19	1488.0	-	11.916965

Table 103 - FCC Long Pulse Radar Trial#7 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	60.1	15	1227.0	1089.0	0.121458
2	3	93.6	15	1038.0	1403.0	1.238260
3	2	84.7	15	1429.0	-	1.516590
4	1	86.1	15	-	-	2.739031
5	2	98.8	15	1269.0	-	3.620292
6	3	94.0	15	1272.0	1306.0	3.891202
7	3	87.1	15	1431.0	1318.0	4.715574
8	2	70.9	15	1565.0	-	5.396532
9	1	77.2	15	-	-	6.710473
10	1	59.6	15	-	-	6.889974
11	3	87.2	15	1791.0	1412.0	7.865248
12	3	58.7	15	1104.0	1149.0	8.352823
13	2	92.8	15	1818.0	-	9.142414

Table 103 - FCC Long Pulse Radar Trial#7 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
14	2	94.8	15	1483.0	-	10.443373
15	2	99.9	15	1843.0	-	10.512397
16	2	62.8	15	1521.0	-	11.778547

Table 104 - FCC Long Pulse Radar Trial#8 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	85.2	12	1167.0	-	0.337361
2	2	68.8	12	1485.0	-	0.874914
3	1	93.3	12	-	-	1.622157
4	2	66.7	12	1417.0	-	2.031015
5	3	58.1	12	1946.0	1880.0	2.598987
6	3	63.9	12	1957.0	1641.0	3.474143
7	1	51.1	12	-	-	3.649322
8	2	62.0	12	1807.0	-	4.452025
9	3	62.9	12	1668.0	1777.0	4.915662
10	2	96.0	12	1081.0	-	5.465546
11	2	97.2	12	1948.0	-	6.524659
12	1	81.4	12	-	-	6.694863
13	2	94.8	12	1001.0	-	7.339592
14	2	62.2	12	1034.0	-	8.065221
15	1	54.0	12	-	-	8.661028
16	2	52.2	12	1032.0	-	9.311963
17	1	54.5	12	-	-	9.826907
18	3	57.9	12	1760.0	1647.0	10.493519
19	1	74.1	12	-	-	11.048241
20	2	83.3	12	1473.0	-	11.536322

Table 105 - FCC Long Pulse Radar Trial#9 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	56.3	10	1381.0	-	0.342333
2	3	79.2	10	1465.0	1434.0	1.066560
3	3	53.9	10	1563.0	1003.0	2.017343
4	2	96.2	10	1525.0	-	2.701944
5	1	97.9	10	-	-	3.193174
6	2	73.8	10	1203.0	-	3.588538
7	1	86.4	10	-	-	4.516266
8	2	79.1	10	1776.0	-	5.265809
9	1	70.3	10	-	-	6.284855
10	2	89.5	10	1027.0	-	7.021225
11	2	55.0	10	1507.0	-	7.455464
12	3	76.8	10	1060.0	1589.0	7.783577
13	2	66.1	10	1492.0	-	8.925401
14	3	84.5	10	1050.0	1355.0	9.323254
15	1	96.1	10	-	-	10.288048

Table 105 - FCC Long Pulse Radar Trial#9 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
16	1	75.2	10	-	-	11.193492
17	2	87.5	10	1174.0	-	11.316770

Table 106 - FCC Long Pulse Radar Trial#10 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	54.5	6	-	-	0.066580
2	2	76.5	6	1271.0	-	1.957093
3	1	60.7	6	-	-	3.512734
4	1	92.5	6	-	-	4.362784
5	2	68.6	6	1642.0	-	5.810215
6	3	62.6	6	1078.0	1453.0	7.524207
7	2	70.6	6	1699.0	-	8.560445
8	3	79.4	6	1346.0	1238.0	10.056798
9	3	88.0	6	1132.0	1045.0	11.074382

Table 107 - FCC Long Pulse Radar Trial#11 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.9	10	1009.0	-	0.549762
2	1	99.7	10	-	-	1.376295
3	2	60.5	10	1608.0	-	2.018445
4	3	74.7	10	1289.0	1110.0	3.403816
5	2	76.6	10	1093.0	-	4.359527
6	2	72.0	10	1949.0	-	5.958994
7	3	62.7	10	1281.0	1080.0	6.392182
8	3	90.1	10	1144.0	1969.0	7.622863
9	1	89.7	10	-	-	8.285421
10	2	83.6	10	1878.0	-	9.877140
11	2	72.9	10	1260.0	-	10.907745
12	2	74.7	10	1566.0	-	11.151863

Table 108 - FCC Long Pulse Radar Trial#12 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	85.3	9	1950.0	1563.0	0.139061
2	3	63.5	9	1122.0	1415.0	1.889799
3	2	77.4	9	1290.0	-	2.722716
4	2	66.4	9	1642.0	-	3.414694
5	3	82.2	9	1394.0	1448.0	4.550978
6	3	68.5	9	1209.0	1536.0	5.827216
7	1	64.6	9	-	-	6.133960
8	2	89.1	9	1845.0	-	7.944432
9	2	55.3	9	1775.0	-	8.604520
10	2	61.8	9	1454.0	-	9.091130
11	2	81.4	9	1856.0	-	10.680921
12	3	52.0	9	1258.0	1293.0	11.190835

Table 109 - FCC Long Pulse Radar Trial#13 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.7	14	1542.0	-	0.437392
2	1	64.9	14	-	-	0.887463
3	1	65.9	14	-	-	1.658724
4	2	67.0	14	1892.0	-	2.270180
5	1	62.8	14	-	-	2.855886
6	3	55.5	14	1948.0	1791.0	3.739294
7	2	68.0	14	1152.0	-	4.337434
8	2	94.3	14	1473.0	-	4.547459
9	2	57.2	14	1650.0	-	5.139992
10	3	88.3	14	1650.0	1445.0	6.046799
11	2	72.1	14	1986.0	-	6.869904
12	3	85.9	14	1349.0	1272.0	7.216448
13	2	73.1	14	1352.0	-	7.768241
14	3	93.6	14	1039.0	1872.0	8.386822
15	1	64.5	14	-	-	9.215234
16	2	95.7	14	1027.0	-	9.763638
17	3	55.8	14	1117.0	1050.0	10.409181
18	2	76.0	14	1450.0	-	10.924698
19	3	98.1	14	1904.0	1817.0	11.800071

Table 110 - FCC Long Pulse Radar Trial#14 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	97.4	5	-	-	0.616098
2	1	83.5	5	-	-	0.775138
3	3	77.6	5	1958.0	1694.0	2.059502
4	2	64.8	5	1780.0	-	2.947975
5	1	99.6	5	-	-	3.653163
6	2	99.3	5	1068.0	-	3.829953
7	3	62.3	5	1247.0	1668.0	4.766358
8	1	89.7	5	-	-	5.295754
9	2	78.5	5	1659.0	-	6.035938
10	2	70.0	5	1065.0	-	7.162458
11	1	76.7	5	-	-	7.891523
12	2	82.0	5	1198.0	-	8.275500
13	2	76.3	5	1357.0	-	9.252683
14	2	84.1	5	1178.0	-	10.048554
15	3	95.7	5	1589.0	1310.0	10.628977
16	1	69.6	5	-	-	11.885868

Table 111 - FCC Long Pulse Radar Trial#15 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	68.2	18	1408.0	1489.0	0.692892
2	3	69.9	18	1139.0	1928.0	1.086570
3	2	86.8	18	1451.0	-	2.560520
4	1	94.7	18	-	-	3.316520
5	1	62.0	18	-	-	3.966459
6	2	69.9	18	1200.0	-	4.995695
7	1	97.1	18	-	-	6.432652
8	2	63.1	18	1432.0	-	6.669393
9	2	84.6	18	1751.0	-	7.989645
10	2	60.7	18	1967.0	-	8.853026
11	3	81.4	18	1646.0	1897.0	9.248658
12	2	71.9	18	1159.0	-	10.972735
13	1	77.6	18	-	-	11.659474

Table 112 - FCC Long Pulse Radar Trial#16 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	94.3	9	1450.0	-	0.571186
2	3	97.5	9	1340.0	1552.0	1.351155
3	2	96.1	9	1289.0	-	2.013883
4	2	59.5	9	1162.0	-	3.015067
5	2	73.6	9	1665.0	-	4.774262
6	2	58.5	9	1635.0	-	5.890870
7	2	95.8	9	1831.0	-	6.787408
8	2	88.9	9	1791.0	-	7.377409
9	3	60.8	9	1821.0	1307.0	8.617028
10	3	84.1	9	1054.0	1960.0	9.349764
11	1	61.8	9	-	-	10.394151
12	2	53.5	9	1227.0	-	11.468807

Table 113 - FCC Long Pulse Radar Trial#17 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	60.3	5	-	-	0.941838
2	3	82.1	5	1140.0	1120.0	2.022393
3	3	94.8	5	1627.0	1191.0	3.850952
4	1	64.5	5	-	-	5.111138
5	2	53.3	5	1164.0	-	6.022528
6	3	89.8	5	1937.0	1119.0	7.134457
7	2	98.8	5	1829.0	-	8.589226
8	2	87.5	5	1818.0	-	9.579592
9	2	90.2	5	1265.0	-	11.994622

Table 114 - FCC Long Pulse Radar Trial#18 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	53.1	6	1722.0	1808.0	0.350834
2	1	96.7	6	-	-	1.135203
3	1	62.2	6	-	-	1.588333
4	1	88.1	6	-	-	2.205318
5	2	53.0	6	1763.0	-	2.412572
6	3	80.3	6	1947.0	1136.0	3.149386
7	2	93.8	6	1516.0	-	3.654810
8	2	74.2	6	1337.0	-	4.448237
9	3	93.2	6	1280.0	1032.0	5.339286
10	1	82.8	6	-	-	5.466159
11	3	82.9	6	1146.0	1051.0	6.175881
12	1	50.2	6	-	-	6.864268
13	2	61.3	6	1100.0	-	7.579056
14	2	99.2	6	1183.0	-	8.243931
15	3	95.0	6	1775.0	1192.0	8.994070
16	2	99.8	6	1056.0	-	9.496437
17	3	85.4	6	1444.0	1996.0	10.002085
18	2	52.0	6	1847.0	-	10.512970
19	2	88.3	6	1979.0	-	11.090193
20	1	74.7	6	-	-	11.831399

Table 115 - FCC Long Pulse Radar Trial#19 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.9	9	1077.0	-	0.220434
2	3	64.3	9	1228.0	1916.0	1.435296
3	1	98.9	9	-	-	1.960456
4	3	54.7	9	1686.0	1752.0	2.858991
5	1	53.7	9	-	-	3.278878
6	1	54.7	9	-	-	4.416355
7	2	75.3	9	1015.0	-	5.032088
8	3	65.2	9	1665.0	1596.0	5.878139
9	1	55.1	9	-	-	7.039745
10	2	51.3	9	1409.0	-	7.842613
11	2	82.5	9	1306.0	-	8.778637
12	2	70.7	9	1106.0	-	8.945113
13	3	83.9	9	1995.0	1205.0	10.366307
14	2	60.8	9	1768.0	-	10.664112
15	2	94.1	9	1275.0	-	11.731901

Table 116 - FCC Long Pulse Radar Trial#20 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	95.6	6	-	-	1.085985
2	1	54.4	6	-	-	1.156146
3	2	95.3	6	1088.0	-	3.221106
4	3	91.1	6	1939.0	1563.0	4.081690
5	2	57.1	6	1476.0	-	4.677018
6	3	72.2	6	1987.0	1497.0	5.629702
7	2	50.4	6	1602.0	-	6.848560
8	3	50.6	6	1350.0	1618.0	8.644578
9	3	62.2	6	1668.0	1236.0	9.415997
10	3	90.8	6	1988.0	1759.0	10.151272
11	1	58.8	6	-	-	11.807173

Table 117 - FCC Long Pulse Radar Trial#21 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	52.7	13	1253.0	-	0.558479
2	3	71.7	13	1008.0	1470.0	0.834037
3	3	65.4	13	1905.0	1936.0	2.035200
4	2	58.3	13	1850.0	-	2.431711
5	2	68.6	13	1465.0	-	3.052497
6	2	84.9	13	1495.0	-	3.976759
7	2	50.3	13	1918.0	-	4.549349
8	3	72.0	13	1121.0	1508.0	5.363925
9	3	75.1	13	1878.0	1691.0	6.351362
10	1	87.2	13	-	-	7.426252
11	2	93.6	13	1564.0	-	7.940263
12	2	66.7	13	1659.0	-	8.361007
13	3	89.6	13	1891.0	1523.0	9.144383
14	2	67.9	13	1678.0	-	10.299953
15	2	91.4	13	1526.0	-	11.009452
16	1	76.1	13	-	-	11.697796

Table 118 - FCC Long Pulse Radar Trial#22 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	55.9	19	1598.0	1874.0	0.618229
2	2	94.5	19	1103.0	-	0.836874
3	2	76.2	19	1622.0	-	1.570061
4	2	56.7	19	1887.0	-	2.314793
5	3	77.1	19	1663.0	1312.0	3.655662
6	1	62.8	19	-	-	3.904745
7	2	79.0	19	1482.0	-	5.092012
8	3	56.8	19	1557.0	1880.0	5.679094
9	1	51.6	19	-	-	6.178534
10	3	89.7	19	1777.0	1729.0	7.414578
11	2	76.3	19	1311.0	-	7.655731
12	3	82.9	19	1676.0	1467.0	8.605141
13	1	99.0	19	-	-	9.634313
14	2	96.4	19	1082.0	-	10.243048
15	1	69.1	19	-	-	11.125479
16	3	86.7	19	1815.0	1539.0	11.618967

Table 119 - FCC Long Pulse Radar Trial#23 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	51.2	10	1099.0	-	0.291263
2	2	65.5	10	1519.0	-	0.689371
3	1	100.0	10	-	-	1.563139
4	2	93.3	10	1723.0	-	2.334872
5	1	85.3	10	-	-	2.836229
6	3	77.5	10	1575.0	1318.0	3.473819
7	2	98.0	10	1723.0	-	4.001026
8	2	87.8	10	1716.0	-	4.506650
9	2	83.7	10	1725.0	-	5.178930
10	2	68.0	10	1673.0	-	5.892198
11	2	61.1	10	1076.0	-	6.433854
12	1	97.3	10	-	-	7.231267
13	1	59.2	10	-	-	7.869711
14	1	54.9	10	-	-	8.644491
15	1	78.4	10	-	-	8.957037
16	2	56.8	10	1585.0	-	9.477227
17	1	88.3	10	-	-	10.263315
18	1	74.8	10	-	-	11.262143
19	3	63.2	10	1177.0	1572.0	11.853322

Table 120 - FCC Long Pulse Radar Trial#24 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.9	18	1114.0	-	1.226312
2	2	64.6	18	1756.0	-	1.572115
3	3	95.6	18	1553.0	1140.0	4.337924
4	1	90.2	18	-	-	5.440734
5	2	56.0	18	1967.0	-	7.393569
6	3	53.6	18	1460.0	1745.0	8.812009
7	1	94.1	18	-	-	10.356565
8	2	54.7	18	1673.0	-	11.395041

Table 121 - FCC Long Pulse Radar Trial#25 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.2	16	1192.0	-	0.399181
2	3	86.3	16	1464.0	1651.0	0.955420
3	3	95.0	16	1522.0	1704.0	1.648209
4	2	75.0	16	1669.0	-	2.254267
5	2	57.5	16	1642.0	-	2.983075
6	2	75.1	16	1613.0	-	3.414854
7	1	90.7	16	-	-	4.056608
8	2	87.3	16	1158.0	-	5.040653
9	2	97.0	16	1427.0	-	5.419207
10	1	79.5	16	-	-	6.075087
11	2	83.3	16	1172.0	-	6.767976
12	1	83.5	16	-	-	7.419844
13	3	96.2	16	1873.0	1233.0	8.139314
14	3	72.9	16	1277.0	1150.0	8.869826
15	1	70.0	16	-	-	9.459624
16	1	71.4	16	-	-	10.045339
17	2	59.8	16	1347.0	-	11.091196
18	2	57.7	16	1224.0	-	11.387058

Table 122 - FCC Long Pulse Radar Trial#26 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	54.6	16	1196.0	-	0.471191
2	3	58.5	16	1145.0	1852.0	1.287214
3	2	75.0	16	1428.0	-	1.500576
4	2	70.9	16	1643.0	-	2.579998
5	2	66.2	16	1955.0	-	3.005706
6	3	98.1	16	1908.0	1719.0	3.787589
7	1	77.5	16	-	-	4.299279
8	1	94.2	16	-	-	5.180396
9	3	61.5	16	1356.0	1663.0	5.618679
10	2	71.0	16	1894.0	-	6.619888
11	3	82.3	16	1192.0	1699.0	7.133319
12	2	96.1	16	1080.0	-	7.382959
13	3	87.6	16	1561.0	1796.0	8.395925
14	3	99.4	16	1074.0	1003.0	9.288974
15	3	99.6	16	1437.0	1080.0	9.834217
16	2	85.8	16	1083.0	-	10.405290
17	3	71.8	16	1739.0	1213.0	10.710714
18	3	70.0	16	1648.0	1644.0	11.782286

Table 123 - FCC Long Pulse Radar Trial#27 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	82.8	11	1190.0	-	0.580770
2	2	53.5	11	1169.0	-	1.462133
3	1	80.7	11	-	-	1.867766
4	1	57.7	11	-	-	3.347348
5	2	83.5	11	1599.0	-	4.283686
6	2	56.0	11	1249.0	-	4.897599
7	1	78.1	11	-	-	5.579047
8	1	55.8	11	-	-	6.671048
9	2	83.5	11	1758.0	-	7.185262
10	2	52.5	11	1107.0	-	7.842543
11	2	89.4	11	1893.0	-	9.378196
12	3	94.1	11	1279.0	1644.0	10.123304
13	2	78.0	11	1351.0	-	10.635654
14	3	63.4	11	1880.0	1787.0	11.989644

Table 124 - FCC Long Pulse Radar Trial#28 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.5	14	1403.0	1706.0	0.368680
2	2	70.0	14	1546.0	-	1.451683
3	2	91.8	14	1433.0	-	1.688121
4	2	53.8	14	1062.0	-	3.178048
5	3	76.0	14	1174.0	1018.0	3.275286
6	1	58.5	14	-	-	4.072371
7	3	87.0	14	1844.0	1206.0	5.092051
8	3	98.3	14	1336.0	1990.0	6.185640
9	1	69.9	14	-	-	7.011924
10	1	78.0	14	-	-	7.292157
11	2	84.4	14	1904.0	-	8.736596
12	3	64.4	14	1812.0	1221.0	9.210809
13	2	79.6	14	1587.0	-	9.838222
14	1	96.3	14	-	-	10.559698
15	2	82.1	14	1064.0	-	11.761267

Table 125 - FCC Long Pulse Radar Trial#29 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.5	19	1349.0	-	0.676869
2	3	71.9	19	1304.0	1727.0	1.794994
3	3	80.5	19	1715.0	1374.0	1.967058
4	2	72.1	19	1444.0	-	3.220199
5	2	98.6	19	1088.0	-	4.536663
6	2	84.0	19	1222.0	-	5.422410
7	1	87.2	19	-	-	5.637114
8	1	67.7	19	-	-	6.631153
9	3	72.0	19	1208.0	1166.0	7.972797
10	2	78.3	19	1200.0	-	9.168412
11	2	96.0	19	1875.0	-	9.462764
12	3	59.2	19	1561.0	1982.0	10.529684
13	2	98.9	19	1065.0	-	11.134111

Table 126 - FCC Long Pulse Radar Trial#30 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	84.6	11	1267.0	1842.0	0.831612
2	1	97.8	11	-	-	1.711849
3	2	67.1	11	1109.0	-	2.124997
4	2	76.5	11	1592.0	-	3.107794
5	2	53.0	11	1206.0	-	3.761346
6	2	55.2	11	1489.0	-	4.562072
7	3	88.5	11	1173.0	1064.0	5.383985
8	2	51.6	11	1797.0	-	6.645702
9	3	69.2	11	1477.0	1458.0	7.130685
10	2	57.2	11	1534.0	-	7.837549
11	3	99.0	11	1604.0	1479.0	9.425093
12	2	55.0	11	1012.0	-	10.082178
13	1	83.6	11	-	-	10.938457
14	2	74.3	11	1013.0	-	11.504346

Table 127 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
1	9	1.0	333.0	Yes	5310.0MHz, -63.0dBm	Hop sequence: 5306, 5444, 5582, 5269, 5354, 5595, 5543, 5708, 5548, 5462, 5360, 5304, 5410, 5678, 5644, 5561, 5295, 5465, 5423, 5437, 5723, 5447, 5564, 5331, 5258, 5452, 5718, 5308, 5264, 5542, 5422, 5361, 5557, 5639, 5545, 5420, 5262, 5624, 5481, 5278, 5495, 5568, 5637, 5702, 5588, 5502, 5266, 5366, 5327, 5425, 5418, 5363, 5284, 5385, 5256, 5330, 5288, 5429, 5271, 5640, 5645, 5578, 5688, 5679, 5398, 5594, 5377, 5433, 5634, 5293, 5503, 5526, 5559, 5658, 5469, 5603, 5265, 5536, 5506, 5704, 5439, 5611, 5252, 5456, 5692, 5396, 5532, 5367, 5359, 5335, 5653, 5311, 5591, 5660, 5321, 5322, 5690, 5302, 5669, 5547 (10 hits)
2	9	1.0	333.0	Yes	5314.1MHz, -63.0dBm	Hop sequence: 5273, 5532, 5466, 5720, 5718, 5406, 5439, 5258, 5358, 5434, 5623, 5506, 5464, 5557, 5631, 5269, 5251, 5508, 5298, 5618, 5379, 5510, 5514, 5659, 5533, 5459, 5709, 5309, 5556, 5617, 5558, 5449, 5401, 5496, 5579, 5629, 5535, 5396, 5315, 5525, 5673, 5453, 5542, 5652, 5519, 5420, 5366, 5308, 5500, 5572, 5644, 5424, 5400, 5619, 5582, 5482, 5475, 5703, 5389, 5252, 5672, 5382, 5481, 5548, 5361, 5352, 5671, 5267, 5521, 5493, 5578, 5262, 5290, 5381, 5641, 5502, 5549, 5688, 5563, 5588, 5322, 5503, 5646, 5460, 5294, 5589, 5288, 5687, 5524, 5581, 5377, 5603, 5452, 5456, 5613, 5658, 5702, 5664, 5634, 5575 (6 hits)
3	9	1.0	333.0	Yes	5318.9MHz, -63.0dBm	Hop sequence: 5410, 5579, 5510, 5518, 5457, 5499, 5400, 5713, 5692, 5481, 5502, 5508, 5325, 5348, 5381, 5362, 5255, 5581, 5394, 5584, 5606, 5258, 5548, 5342, 5417, 5611, 5487, 5676, 5287, 5444, 5577, 5555, 5430, 5349, 5558, 5449, 5351, 5620, 5454, 5280, 5710, 5379, 5563, 5615, 5572, 5469, 5638, 5460, 5289, 5263, 5651, 5514, 5292, 5550, 5422, 5492, 5354, 5610, 5684, 5411, 5682, 5652, 5665, 5473, 5552, 5251, 5565, 5365, 5408, 5561, 5336, 5669, 5472, 5465, 5686, 5471, 5688, 5306, 5253, 5693, 5450, 5403, 5267, 5404, 5648, 5378, 5546, 5383, 5442, 5678, 5399, 5386, 5529, 5434, 5423, 5445, 5505, 5309, 5673, 5626 (4 hits)
4	9	1.0	333.0	No	5321.9MHz, -63.0dBm	Hop sequence: 5558, 5395, 5694, 5701, 5559, 5585, 5361, 5578, 5280, 5553, 5334, 5673, 5494, 5716, 5359, 5683, 5715, 5315, 5310, 5268, 5446, 5449, 5551, 5438, 5582, 5547, 5722, 5619, 5397, 5506, 5502, 5577, 5318, 5533, 5534, 5408, 5603, 5702, 5610, 5366, 5460, 5692, 5711, 5270, 5466, 5363, 5441, 5269, 5519, 5347, 5710, 5584, 5622, 5486, 5592, 5568, 5407, 5293, 5516, 5588, 5648, 5362, 5458, 5491, 5680, 5529, 5273, 5517, 5522, 5271, 5714, 5333, 5332, 5344, 5724, 5371, 5422, 5434, 5531, 5299, 5391, 5384, 5381, 5357, 5643, 5336, 5339, 5596, 5278, 5471, 5698, 5385, 5604, 5409,

Table 127 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5483, 5472, 5641, 5645, 5377, 5351 (5 hits)
5	9	1.0	333.0	Yes	5321.9MHz, -63.0dBm	Hop sequence: 5723, 5673, 5303, 5429, 5345, 5660, 5291, 5507, 5574, 5570, 5690, 5267, 5352, 5392, 5523, 5603, 5498, 5358, 5516, 5542, 5548, 5341, 5311, 5594, 5255, 5482, 5508, 5512, 5681, 5533, 5631, 5440, 5406, 5305, 5495, 5481, 5355, 5691, 5270, 5480, 5636, 5652, 5601, 5583, 5488, 5254, 5419, 5525, 5293, 5621, 5250, 5407, 5615, 5404, 5651, 5340, 5256, 5385, 5449, 5642, 5535, 5395, 5261, 5687, 5441, 5647, 5665, 5630, 5509, 5389, 5369, 5260, 5716, 5511, 5412, 5489, 5265, 5264, 5645, 5526, 5300, 5377, 5439, 5531, 5268, 5559, 5700, 5605, 5269, 5375, 5528, 5544, 5662, 5668, 5420, 5501, 5708, 5629, 5363, 5566 (6 hits)
6	9	1.0	333.0	Yes	5328.7MHz, -63.0dBm	Hop sequence: 5278, 5581, 5723, 5361, 5367, 5288, 5673, 5663, 5668, 5263, 5299, 5255, 5519, 5300, 5594, 5603, 5570, 5422, 5431, 5702, 5426, 5624, 5505, 5276, 5404, 5315, 5536, 5338, 5271, 5614, 5628, 5579, 5273, 5510, 5301, 5613, 5316, 5472, 5441, 5687, 5620, 5509, 5486, 5615, 5358, 5370, 5356, 5704, 5652, 5578, 5527, 5542, 5324, 5432, 5655, 5312, 5395, 5343, 5274, 5354, 5591, 5256, 5564, 5600, 5538, 5710, 5584, 5440, 5382, 5706, 5366, 5403, 5456, 5471, 5547, 5286, 5368, 5642, 5548, 5470, 5625, 5496, 5375, 5294, 5597, 5556, 5492, 5308, 5326, 5385, 5260, 5712, 5443, 5495, 5670, 5305, 5333, 5514, 5373, 5520 (11 hits)
7	9	1.0	333.0	Yes	5329.2MHz, -63.0dBm	Hop sequence: 5681, 5294, 5719, 5264, 5587, 5375, 5588, 5707, 5303, 5693, 5489, 5724, 5509, 5438, 5658, 5510, 5608, 5464, 5631, 5705, 5379, 5409, 5322, 5580, 5490, 5582, 5474, 5548, 5554, 5315, 5586, 5469, 5613, 5417, 5641, 5374, 5443, 5574, 5561, 5611, 5326, 5685, 5441, 5621, 5295, 5370, 5543, 5701, 5527, 5502, 5347, 5533, 5364, 5473, 5483, 5532, 5556, 5404, 5401, 5535, 5504, 5425, 5484, 5500, 5266, 5635, 5394, 5539, 5476, 5617, 5690, 5393, 5444, 5355, 5259, 5334, 5700, 5542, 5709, 5390, 5686, 5447, 5262, 5511, 5600, 5494, 5496, 5595, 5360, 5499, 5581, 5623, 5549, 5459, 5610, 5418, 5528, 5516, 5694, 5465 (6 hits)
8	9	1.0	333.0	Yes	5290.8MHz, -63.0dBm	Hop sequence: 5715, 5425, 5423, 5494, 5600, 5654, 5695, 5277, 5571, 5512, 5704, 5431, 5261, 5615, 5479, 5583, 5725, 5338, 5599, 5632, 5477, 5270, 5476, 5350, 5580, 5421, 5448, 5577, 5576, 5344, 5706, 5379, 5716, 5549, 5587, 5260, 5332, 5440, 5513, 5463, 5265, 5564, 5524, 5347, 5503, 5457, 5697, 5288, 5325, 5396, 5650, 5278, 5713, 5636, 5559, 5578, 5453, 5579, 5291, 5407, 5436, 5623, 5680, 5390, 5319, 5435, 5531, 5686, 5677, 5330, 5529, 5712, 5700, 5295, 5572, 5611, 5498, 5399,

Table 127 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5709, 5271, 5432, 5307, 5602, 5555, 5519, 5558, 5486, 5543, 5619, 5391, 5699, 5254, 5395, 5365, 5459, 5299, 5527, 5620, 5346, 5684 (6 hits)
9	9	1.0	333.0	Yes	5292.7MHz, -63.0dBm	Hop sequence: 5510, 5437, 5709, 5514, 5506, 5503, 5458, 5596, 5467, 5401, 5576, 5455, 5531, 5620, 5575, 5311, 5351, 5376, 5429, 5306, 5598, 5331, 5517, 5581, 5663, 5533, 5447, 5654, 5451, 5398, 5264, 5417, 5635, 5545, 5266, 5387, 5551, 5625, 5469, 5522, 5297, 5372, 5328, 5254, 5287, 5259, 5710, 5686, 5585, 5271, 5353, 5332, 5665, 5359, 5560, 5656, 5419, 5552, 5367, 5580, 5518, 5589, 5268, 5344, 5317, 5364, 5405, 5321, 5649, 5583, 5450, 5425, 5427, 5666, 5621, 5270, 5406, 5651, 5314, 5262, 5369, 5413, 5269, 5645, 5389, 5618, 5699, 5543, 5527, 5519, 5599, 5272, 5637, 5661, 5550, 5615, 5579, 5329, 5493, 5402 (8 hits)
10	9	1.0	333.0	No	5298.1MHz, -63.0dBm	Hop sequence: 5287, 5336, 5429, 5606, 5315, 5401, 5585, 5677, 5642, 5722, 5469, 5673, 5721, 5351, 5408, 5680, 5385, 5506, 5648, 5662, 5341, 5254, 5459, 5492, 5517, 5311, 5691, 5723, 5667, 5289, 5525, 5724, 5344, 5588, 5293, 5523, 5326, 5421, 5598, 5670, 5321, 5710, 5308, 5649, 5282, 5630, 5458, 5612, 5613, 5462, 5547, 5512, 5681, 5562, 5452, 5280, 5625, 5354, 5365, 5355, 5334, 5651, 5256, 5414, 5571, 5270, 5590, 5391, 5647, 5360, 5405, 5628, 5486, 5587, 5466, 5576, 5431, 5363, 5297, 5406, 5635, 5413, 5577, 5426, 5349, 5330, 5516, 5692, 5471, 5378, 5353, 5376, 5715, 5704, 5371, 5496, 5495, 5665, 5520, 5432 (7 hits)
11	9	1.0	333.0	Yes	5298.1MHz, -63.0dBm	Hop sequence: 5416, 5263, 5530, 5645, 5398, 5657, 5344, 5426, 5636, 5518, 5607, 5492, 5711, 5400, 5472, 5619, 5722, 5450, 5557, 5438, 5412, 5716, 5443, 5290, 5609, 5333, 5496, 5381, 5473, 5360, 5373, 5453, 5549, 5386, 5595, 5632, 5662, 5374, 5507, 5446, 5458, 5326, 5700, 5300, 5377, 5534, 5543, 5461, 5275, 5307, 5260, 5293, 5452, 5347, 5357, 5558, 5590, 5642, 5675, 5586, 5512, 5618, 5503, 5466, 5506, 5365, 5486, 5268, 5427, 5436, 5337, 5414, 5585, 5575, 5250, 5447, 5424, 5626, 5548, 5515, 5494, 5393, 5303, 5546, 5384, 5371, 5339, 5519, 5252, 5441, 5390, 5274, 5335, 5562, 5601, 5418, 5490, 5469, 5596, 5391 (5 hits)
12	9	1.0	333.0	Yes	5301.7MHz, -63.0dBm	Hop sequence: 5478, 5713, 5432, 5531, 5430, 5620, 5401, 5328, 5665, 5275, 5598, 5398, 5703, 5464, 5623, 5362, 5593, 5630, 5646, 5470, 5267, 5503, 5588, 5636, 5368, 5304, 5349, 5560, 5355, 5359, 5502, 5622, 5525, 5373, 5439, 5562, 5435, 5517, 5567, 5358, 5454, 5578, 5420, 5716, 5473, 5592, 5720, 5660, 5726, 5577, 5290, 5335, 5374, 5532, 5315, 5569, 5294, 5357, 5498, 5690, 5346, 5308,

Table 127 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5541, 5443, 5343, 5670, 5251, 5629, 5694, 5677, 5522, 5467, 5495, 5555, 5310, 5338, 5352, 5285, 5408, 5336, 5680, 5483, 5460, 5514, 5676, 5261, 5581, 5320, 5633, 5700, 5264, 5689, 5539, 5449, 5604, 5625, 5702, 5388, 5538, 5516 (7 hits)
13	9	1.0	333.0	Yes	5308.3MHz, -63.0dBm	Hop sequence: 5298, 5344, 5458, 5453, 5693, 5578, 5421, 5500, 5651, 5517, 5534, 5633, 5538, 5637, 5643, 5716, 5596, 5300, 5646, 5277, 5508, 5600, 5618, 5375, 5446, 5564, 5722, 5586, 5327, 5673, 5391, 5568, 5553, 5607, 5340, 5604, 5331, 5459, 5712, 5267, 5567, 5473, 5374, 5665, 5289, 5554, 5575, 5598, 5413, 5585, 5376, 5627, 5306, 5367, 5311, 5571, 5569, 5624, 5702, 5550, 5681, 5397, 5317, 5656, 5271, 5552, 5482, 5433, 5408, 5387, 5456, 5608, 5386, 5630, 5514, 5642, 5481, 5358, 5683, 5395, 5265, 5531, 5528, 5251, 5541, 5330, 5312, 5343, 5658, 5282, 5570, 5628, 5609, 5645, 5415, 5647, 5396, 5551, 5509, 5383 (7 hits)
14	9	1.0	333.0	Yes	5310.3MHz, -63.0dBm	Hop sequence: 5315, 5432, 5552, 5499, 5446, 5600, 5302, 5588, 5257, 5427, 5277, 5561, 5368, 5340, 5524, 5633, 5547, 5636, 5422, 5430, 5259, 5668, 5576, 5665, 5691, 5380, 5606, 5639, 5594, 5623, 5520, 5522, 5457, 5379, 5424, 5724, 5711, 5274, 5312, 5589, 5667, 5268, 5426, 5320, 5461, 5406, 5383, 5595, 5419, 5253, 5287, 5505, 5713, 5593, 5532, 5722, 5523, 5629, 5605, 5675, 5496, 5480, 5587, 5460, 5317, 5487, 5646, 5720, 5472, 5632, 5281, 5325, 5560, 5429, 5723, 5541, 5264, 5387, 5442, 5280, 5492, 5533, 5655, 5370, 5354, 5292, 5591, 5333, 5428, 5680, 5321, 5512, 5486, 5626, 5266, 5514, 5256, 5286, 5389, 5332 (8 hits)
15	9	1.0	333.0	Yes	5315.3MHz, -63.0dBm	Hop sequence: 5442, 5350, 5622, 5372, 5332, 5384, 5557, 5373, 5726, 5458, 5270, 5694, 5679, 5532, 5531, 5355, 5401, 5601, 5613, 5667, 5467, 5692, 5715, 5258, 5559, 5577, 5419, 5463, 5471, 5424, 5394, 5669, 5375, 5446, 5585, 5551, 5430, 5468, 5405, 5664, 5699, 5639, 5351, 5253, 5460, 5440, 5547, 5716, 5638, 5291, 5488, 5449, 5451, 5490, 5264, 5268, 5683, 5491, 5621, 5546, 5665, 5571, 5289, 5473, 5596, 5630, 5326, 5707, 5690, 5724, 5554, 5623, 5578, 5307, 5550, 5329, 5331, 5294, 5494, 5700, 5320, 5464, 5558, 5454, 5283, 5592, 5627, 5383, 5612, 5706, 5495, 5528, 5527, 5426, 5644, 5505, 5691, 5524, 5502, 5519 (6 hits)
16	9	1.0	333.0	Yes	5318.7MHz, -63.0dBm	Hop sequence: 5665, 5697, 5693, 5599, 5302, 5537, 5455, 5451, 5663, 5661, 5676, 5292, 5314, 5606, 5353, 5291, 5644, 5580, 5648, 5658, 5696, 5555, 5352, 5625, 5286, 5508, 5708, 5337, 5594, 5704, 5349, 5713, 5702, 5672, 5516, 5276, 5334, 5328, 5687, 5566, 5350, 5532, 5277, 5458, 5341, 5429,

Table 127 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5260, 5559, 5656, 5503, 5701, 5369, 5667, 5524, 5290, 5384, 5485, 5439, 5576, 5622, 5505, 5354, 5368, 5359, 5714, 5279, 5405, 5308, 5265, 5324, 5262, 5528, 5623, 5603, 5453, 5678, 5268, 5675, 5400, 5443, 5596, 5707, 5454, 5264, 5403, 5531, 5670, 5683, 5558, 5428, 5422, 5395, 5604, 5261, 5257, 5436, 5602, 5554, 5497, 5456 (7 hits)
17	9	1.0	333.0	Yes	5321.4MHz, -63.0dBm	Hop sequence: 5564, 5324, 5447, 5713, 5690, 5666, 5303, 5461, 5361, 5654, 5263, 5600, 5706, 5615, 5599, 5284, 5359, 5257, 5544, 5333, 5514, 5354, 5373, 5595, 5369, 5405, 5566, 5325, 5276, 5457, 5296, 5693, 5319, 5488, 5699, 5636, 5598, 5530, 5419, 5616, 5658, 5528, 5513, 5356, 5602, 5397, 5650, 5674, 5314, 5428, 5697, 5313, 5394, 5335, 5506, 5634, 5464, 5401, 5430, 5683, 5582, 5664, 5256, 5652, 5463, 5718, 5482, 5562, 5711, 5563, 5362, 5521, 5270, 5399, 5695, 5423, 5390, 5589, 5403, 5453, 5473, 5641, 5251, 5519, 5613, 5567, 5577, 5692, 5449, 5656, 5336, 5624, 5531, 5363, 5316, 5532, 5489, 5467, 5279, 5597 (8 hits)
18	9	1.0	333.0	Yes	5325.5MHz, -63.0dBm	Hop sequence: 5343, 5329, 5445, 5639, 5568, 5332, 5587, 5643, 5497, 5256, 5595, 5581, 5388, 5281, 5419, 5538, 5413, 5250, 5485, 5369, 5722, 5277, 5673, 5554, 5444, 5381, 5465, 5425, 5296, 5282, 5605, 5338, 5254, 5547, 5536, 5363, 5694, 5411, 5383, 5553, 5489, 5359, 5505, 5555, 5380, 5461, 5658, 5433, 5371, 5378, 5429, 5279, 5656, 5477, 5556, 5724, 5707, 5509, 5398, 5483, 5456, 5705, 5399, 5726, 5313, 5344, 5370, 5426, 5609, 5682, 5408, 5669, 5431, 5631, 5376, 5620, 5652, 5696, 5612, 5590, 5515, 5725, 5541, 5436, 5687, 5351, 5322, 5662, 5680, 5523, 5667, 5575, 5304, 5367, 5517, 5535, 5416, 5487, 5410, 5402 (5 hits)
19	9	1.0	333.0	Yes	5327.4MHz, -63.0dBm	Hop sequence: 5678, 5439, 5610, 5349, 5512, 5517, 5578, 5400, 5363, 5667, 5402, 5308, 5293, 5356, 5251, 5461, 5722, 5446, 5495, 5514, 5355, 5304, 5621, 5440, 5526, 5492, 5706, 5586, 5271, 5533, 5283, 5551, 5422, 5256, 5660, 5287, 5442, 5593, 5595, 5333, 5697, 5527, 5393, 5268, 5585, 5671, 5715, 5330, 5445, 5680, 5341, 5260, 5483, 5313, 5717, 5365, 5430, 5691, 5714, 5695, 5612, 5665, 5703, 5498, 5635, 5274, 5480, 5553, 5647, 5669, 5583, 5453, 5258, 5364, 5490, 5613, 5370, 5531, 5316, 5488, 5352, 5280, 5672, 5503, 5638, 5604, 5617, 5677, 5472, 5616, 5331, 5267, 5501, 5698, 5345, 5701, 5494, 5335, 5350, 5609 (5 hits)
20	9	1.0	333.0	Yes	5329.2MHz, -63.0dBm	Hop sequence: 5460, 5599, 5478, 5312, 5652, 5324, 5485, 5684, 5628, 5533, 5304, 5612, 5332, 5377, 5691, 5387, 5487, 5679, 5474, 5252, 5401, 5642, 5296, 5526, 5253, 5470, 5382, 5287, 5451, 5329,

Table 127 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5581, 5564, 5565, 5381, 5391, 5696, 5374, 5356, 5462, 5633, 5266, 5412, 5271, 5269, 5559, 5690, 5420, 5635, 5265, 5366, 5354, 5509, 5645, 5710, 5659, 5555, 5261, 5640, 5469, 5405, 5519, 5281, 5326, 5689, 5343, 5726, 5543, 5320, 5437, 5461, 5463, 5379, 5477, 5569, 5634, 5444, 5490, 5631, 5325, 5410, 5398, 5359, 5615, 5658, 5330, 5404, 5442, 5367, 5450, 5657, 5597, 5505, 5550, 5664, 5678, 5316, 5294, 5455, 5530, 5255 (10 hits)
21	9	1.0	333.0	Yes	5290.8MHz, -63.0dBm	Hop sequence: 5658, 5286, 5691, 5719, 5412, 5417, 5585, 5544, 5527, 5435, 5725, 5264, 5644, 5402, 5407, 5368, 5666, 5443, 5488, 5347, 5370, 5468, 5635, 5283, 5310, 5575, 5674, 5590, 5700, 5580, 5690, 5353, 5250, 5424, 5641, 5471, 5646, 5714, 5482, 5505, 5486, 5715, 5408, 5359, 5282, 5467, 5555, 5268, 5308, 5643, 5571, 5464, 5653, 5445, 5605, 5348, 5649, 5560, 5522, 5610, 5532, 5290, 5434, 5706, 5576, 5718, 5604, 5557, 5516, 5427, 5312, 5315, 5360, 5293, 5497, 5667, 5567, 5374, 5428, 5462, 5687, 5291, 5436, 5686, 5460, 5414, 5320, 5261, 5678, 5699, 5330, 5669, 5262, 5526, 5659, 5622, 5390, 5616, 5511, 5631 (7 hits)
22	9	1.0	333.0	Yes	5293.6MHz, -63.0dBm	Hop sequence: 5723, 5697, 5389, 5722, 5450, 5355, 5473, 5622, 5289, 5274, 5672, 5508, 5703, 5299, 5707, 5496, 5539, 5296, 5277, 5651, 5341, 5332, 5254, 5255, 5384, 5489, 5261, 5253, 5612, 5485, 5251, 5515, 5369, 5606, 5625, 5670, 5415, 5363, 5376, 5492, 5423, 5531, 5394, 5591, 5418, 5646, 5574, 5582, 5458, 5351, 5562, 5698, 5666, 5257, 5517, 5328, 5306, 5705, 5524, 5421, 5655, 5691, 5264, 5346, 5563, 5627, 5561, 5329, 5529, 5378, 5395, 5359, 5695, 5559, 5647, 5469, 5615, 5461, 5490, 5724, 5298, 5704, 5547, 5468, 5694, 5656, 5371, 5466, 5659, 5669, 5420, 5499, 5550, 5262, 5623, 5692, 5590, 5462, 5446, 5503 (6 hits)
23	9	1.0	333.0	Yes	5299.1MHz, -63.0dBm	Hop sequence: 5400, 5456, 5431, 5297, 5373, 5458, 5570, 5681, 5561, 5406, 5670, 5252, 5514, 5534, 5372, 5518, 5500, 5717, 5674, 5497, 5501, 5489, 5262, 5405, 5707, 5455, 5380, 5719, 5475, 5251, 5636, 5563, 5638, 5341, 5484, 5661, 5436, 5585, 5286, 5562, 5256, 5337, 5417, 5485, 5414, 5362, 5332, 5711, 5580, 5302, 5260, 5573, 5502, 5547, 5266, 5692, 5603, 5268, 5605, 5541, 5320, 5258, 5471, 5325, 5496, 5699, 5655, 5680, 5322, 5358, 5599, 5574, 5528, 5401, 5628, 5704, 5331, 5459, 5383, 5280, 5398, 5691, 5348, 5588, 5374, 5328, 5300, 5650, 5673, 5536, 5569, 5604, 5564, 5454, 5389, 5368, 5418, 5279, 5592, 5263 (7 hits)
24	9	1.0	333.0	Yes	5300.9MHz, -63.0dBm	Hop sequence: 5610, 5525, 5721, 5431, 5483, 5557, 5717, 5476, 5529, 5611, 5368, 5300, 5518, 5327,

Table 127 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5672, 5589, 5283, 5378, 5269, 5289, 5459, 5429, 5521, 5437, 5419, 5336, 5700, 5457, 5404, 5526, 5346, 5638, 5473, 5572, 5411, 5716, 5372, 5488, 5705, 5552, 5573, 5267, 5697, 5349, 5600, 5606, 5428, 5324, 5500, 5381, 5294, 5546, 5670, 5653, 5661, 5628, 5448, 5706, 5261, 5329, 5467, 5679, 5603, 5510, 5547, 5530, 5592, 5282, 5505, 5424, 5367, 5471, 5710, 5388, 5534, 5280, 5588, 5353, 5652, 5698, 5584, 5477, 5379, 5583, 5663, 5724, 5414, 5306, 5475, 5704, 5394, 5708, 5553, 5667, 5263, 5681, 5413, 5587, 5687, 5618 (6 hits)
25	9	1.0	333.0	Yes	5302.7MHz ,-63.0dBm	Hop sequence: 5336, 5376, 5397, 5432, 5662, 5724, 5573, 5641, 5556, 5517, 5696, 5572, 5657, 5529, 5589, 5267, 5655, 5450, 5513, 5650, 5364, 5276, 5252, 5274, 5540, 5536, 5419, 5694, 5404, 5489, 5622, 5504, 5308, 5467, 5597, 5707, 5632, 5673, 5417, 5341, 5636, 5595, 5471, 5260, 5344, 5716, 5346, 5407, 5468, 5395, 5359, 5292, 5660, 5698, 5259, 5440, 5544, 5722, 5612, 5628, 5577, 5316, 5363, 5514, 5360, 5710, 5328, 5543, 5487, 5253, 5279, 5462, 5520, 5646, 5335, 5329, 5435, 5653, 5298, 5640, 5251, 5458, 5282, 5415, 5541, 5575, 5528, 5266, 5618, 5692, 5390, 5347, 5565, 5633, 5667, 5579, 5538, 5449, 5383, 5644 (6 hits)
26	9	1.0	333.0	Yes	5304.2MHz, -63.0dBm	Hop sequence: 5384, 5572, 5300, 5254, 5499, 5512, 5513, 5681, 5403, 5449, 5462, 5438, 5369, 5636, 5611, 5264, 5323, 5610, 5307, 5664, 5287, 5487, 5674, 5309, 5556, 5494, 5469, 5445, 5543, 5483, 5251, 5325, 5669, 5366, 5621, 5503, 5429, 5261, 5555, 5351, 5454, 5457, 5583, 5340, 5637, 5315, 5382, 5566, 5391, 5606, 5672, 5465, 5668, 5684, 5581, 5365, 5673, 5625, 5343, 5352, 5587, 5353, 5265, 5595, 5607, 5706, 5410, 5357, 5297, 5554, 5427, 5693, 5333, 5393, 5597, 5695, 5563, 5358, 5702, 5520, 5472, 5456, 5500, 5330, 5530, 5528, 5511, 5376, 5284, 5432, 5568, 5319, 5578, 5311, 5395, 5479, 5290, 5292, 5711, 5601 (10 hits)
27	9	1.0	333.0	Yes	5307.5MHz, -63.0dBm	Hop sequence: 5326, 5343, 5491, 5711, 5433, 5541, 5304, 5420, 5612, 5365, 5571, 5471, 5284, 5624, 5371, 5544, 5372, 5527, 5545, 5341, 5529, 5638, 5481, 5686, 5257, 5697, 5359, 5373, 5375, 5649, 5660, 5486, 5254, 5468, 5538, 5593, 5562, 5573, 5413, 5295, 5339, 5519, 5617, 5391, 5578, 5706, 5296, 5362, 5276, 5419, 5644, 5334, 5719, 5307, 5639, 5681, 5705, 5405, 5577, 5255, 5647, 5579, 5469, 5374, 5429, 5322, 5592, 5677, 5335, 5302, 5528, 5484, 5288, 5718, 5608, 5268, 5530, 5536, 5630, 5674, 5504, 5480, 5532, 5598, 5604, 5458, 5512, 5567, 5263, 5389, 5414, 5498, 5327, 5723, 5692, 5669, 5408, 5340, 5695, 5619 (8 hits)

Table 127 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5310 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
28	9	1.0	333.0	Yes	5308.5MHz,-63.0dBm	Hop sequence: 5265, 5623, 5292, 5425, 5455, 5632, 5368, 5609, 5616, 5381, 5576, 5500, 5364, 5718, 5311, 5625, 5363, 5691, 5331, 5577, 5533, 5258, 5679, 5413, 5274, 5357, 5599, 5325, 5276, 5303, 5543, 5676, 5365, 5318, 5282, 5513, 5704, 5338, 5286, 5272, 5495, 5366, 5329, 5696, 5675, 5619, 5689, 5367, 5403, 5716, 5645, 5720, 5613, 5523, 5643, 5378, 5695, 5554, 5460, 5662, 5673, 5674, 5581, 5299, 5708, 5546, 5690, 5627, 5270, 5283, 5473, 5693, 5261, 5518, 5317, 5394, 5322, 5541, 5474, 5668, 5710, 5412, 5332, 5377, 5603, 5525, 5406, 5358, 5351, 5376, 5337, 5300, 5600, 5409, 5477, 5520, 5285, 5698, 5354, 5532 (10 hits)
29	9	1.0	333.0	Yes	5313.8MHz, -63.0dBm	Hop sequence: 5489, 5398, 5509, 5602, 5394, 5425, 5668, 5651, 5700, 5625, 5436, 5544, 5527, 5594, 5634, 5378, 5329, 5601, 5717, 5656, 5356, 5682, 5346, 5537, 5261, 5415, 5462, 5439, 5386, 5348, 5300, 5658, 5608, 5677, 5593, 5635, 5343, 5331, 5549, 5539, 5702, 5428, 5486, 5513, 5551, 5687, 5473, 5679, 5465, 5309, 5495, 5508, 5726, 5410, 5400, 5446, 5374, 5511, 5636, 5318, 5654, 5709, 5567, 5470, 5290, 5393, 5630, 5355, 5268, 5514, 5543, 5515, 5364, 5507, 5411, 5287, 5698, 5339, 5464, 5454, 5642, 5450, 5685, 5490, 5401, 5257, 5597, 5296, 5406, 5534, 5457, 5498, 5629, 5284, 5358, 5599, 5255, 5376, 5600, 5254 (5 hits)
30	9	1.0	333.0	Yes	5318.7MHz, -63.0dBm	Hop sequence: 5288, 5587, 5646, 5529, 5679, 5365, 5680, 5702, 5263, 5574, 5562, 5325, 5555, 5382, 5312, 5546, 5590, 5362, 5291, 5544, 5350, 5591, 5503, 5293, 5316, 5695, 5549, 5633, 5276, 5647, 5287, 5718, 5683, 5273, 5340, 5493, 5466, 5297, 5442, 5615, 5667, 5434, 5548, 5407, 5289, 5720, 5520, 5252, 5463, 5402, 5454, 5689, 5409, 5691, 5338, 5351, 5606, 5285, 5299, 5652, 5550, 5394, 5359, 5653, 5331, 5644, 5392, 5283, 5298, 5495, 5461, 5534, 5686, 5309, 5519, 5353, 5472, 5271, 5456, 5292, 5638, 5266, 5269, 5540, 5251, 5512, 5613, 5577, 5272, 5474, 5666, 5305, 5424, 5600, 5634, 5570, 5395, 5375, 5310, 5533 (12 hits)

Table 128 - FCC Short Pulse Radar (Type 1A) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	18	1.0	3066.0	Yes	5270.0MHz,-63.0dBm	Single burst
2	58	1.0	918.0	Yes	5274.7MHz,-63.0dBm	Single burst
3	63	1.0	838.0	Yes	5278.7MHz,-63.0dBm	Single burst
4	59	1.0	898.0	Yes	5284.2MHz,-63.0dBm	Single burst
5	95	1.0	558.0	Yes	5289.2MHz,-63.0dBm	Single burst
6	89	1.0	598.0	Yes	5250.8MHz,-63.0dBm	Single burst
7	102	1.0	518.0	Yes	5250.9MHz,-63.0dBm	Single burst
8	72	1.0	738.0	Yes	5257.1MHz,-63.0dBm	Single burst
9	70	1.0	758.0	Yes	5263.2MHz,-63.0dBm	Single burst
10	67	1.0	798.0	Yes	5265.2MHz,-63.0dBm	Single burst
11	76	1.0	698.0	Yes	5270.9MHz,-63.0dBm	Single burst
12	83	1.0	638.0	Yes	5274.8MHz,-63.0dBm	Single burst
13	78	1.0	678.0	Yes	5278.2MHz,-63.0dBm	Single burst
14	65	1.0	818.0	Yes	5279.3MHz,-63.0dBm	Single burst
15	86	1.0	618.0	Yes	5282.7MHz,-63.0dBm	Single burst

Table 129 - FCC Short Pulse Radar (Type 1B) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	56	1.0	944.0	Yes	5270.0MHz,-63.0dBm	Single burst
2	42	1.0	1281.0	Yes	5275.0MHz,-63.0dBm	Single burst
3	39	1.0	1357.0	Yes	5276.8MHz,-63.0dBm	Single burst
4	57	1.0	941.0	Yes	5281.0MHz,-63.0dBm	Single burst
5	23	1.0	2314.0	Yes	5287.8MHz,-63.0dBm	Single burst
6	30	1.0	1797.0	Yes	5289.2MHz,-63.0dBm	Single burst
7	18	1.0	2933.0	Yes	5250.8MHz,-63.0dBm	Single burst
8	55	1.0	969.0	Yes	5250.8MHz,-63.0dBm	Single burst
9	18	1.0	3035.0	Yes	5257.6MHz,-63.0dBm	Single burst
10	24	1.0	2219.0	Yes	5259.9MHz,-63.0dBm	Single burst
11	69	1.0	775.0	Yes	5265.9MHz,-63.0dBm	Single burst
12	63	1.0	840.0	Yes	5267.7MHz,-63.0dBm	Single burst
13	42	1.0	1261.0	Yes	5273.9MHz,-63.0dBm	Single burst
14	23	1.0	2348.0	Yes	5276.8MHz,-63.0dBm	Single burst
15	18	1.0	2964.0	Yes	5280.2MHz,-63.0dBm	Single burst

Table 130 - FCC Short Pulse Radar (Type 2) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	24	3.4	188.0	Yes	5270.0MHz,-63.0dBm	Single burst
2	25	1.1	179.0	Yes	5271.4MHz,-63.0dBm	Single burst
3	28	3.2	171.0	Yes	5274.3MHz,-63.0dBm	Single burst
4	23	3.7	209.0	Yes	5279.8MHz,-63.0dBm	Single burst
5	27	2.0	184.0	Yes	5286.2MHz,-63.0dBm	Single burst
6	23	1.2	187.0	Yes	5289.2MHz,-63.0dBm	Single burst
7	28	4.1	188.0	Yes	5250.8MHz,-63.0dBm	Single burst
8	24	3.0	205.0	No	5251.9MHz,-63.0dBm	Single burst
9	25	2.6	151.0	Yes	5251.9MHz,-63.0dBm	Single burst
10	27	1.6	195.0	Yes	5254.5MHz,-63.0dBm	Single burst
11	28	4.1	186.0	Yes	5261.5MHz,-63.0dBm	Single burst
12	24	3.8	221.0	Yes	5263.0MHz,-63.0dBm	Single burst
13	24	4.0	151.0	Yes	5269.9MHz,-63.0dBm	Single burst
14	27	3.3	178.0	Yes	5274.2MHz,-63.0dBm	Single burst
15	26	2.1	196.0	Yes	5278.0MHz,-63.0dBm	Single burst
16	23	3.9	217.0	Yes	5279.0MHz,-63.0dBm	Single burst
17	29	4.2	170.0	No	5281.5MHz,-63.0dBm	Single burst
18	27	3.6	173.0	Yes	5281.5MHz,-63.0dBm	Single burst
19	28	1.6	157.0	Yes	5286.5MHz,-63.0dBm	Single burst
20	25	4.8	228.0	Yes	5289.2MHz,-63.0dBm	Single burst
21	25	4.0	185.0	Yes	5250.8MHz,-63.0dBm	Single burst
22	28	2.6	204.0	Yes	5252.0MHz,-63.0dBm	Single burst
23	24	2.1	228.0	No	5257.4MHz,-63.0dBm	Single burst
24	28	3.6	172.0	Yes	5257.4MHz,-63.0dBm	Single burst
25	28	2.6	162.0	Yes	5263.9MHz,-63.0dBm	Single burst
26	25	2.1	162.0	Yes	5269.2MHz,-63.0dBm	Single burst
27	26	4.3	151.0	Yes	5273.3MHz,-63.0dBm	Single burst
28	26	1.6	185.0	Yes	5275.2MHz,-63.0dBm	Single burst
29	28	1.3	203.0	Yes	5277.5MHz,-63.0dBm	Single burst
30	28	3.1	175.0	Yes	5279.9MHz,-63.0dBm	Single burst

Table 131 - FCC Short Pulse Radar (Type 3) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	18	9.1	276.0	Yes	5270.0MHz,-63.0dBm	Single burst
2	18	8.2	376.0	Yes	5271.9MHz,-63.0dBm	Single burst
3	16	6.1	405.0	Yes	5276.8MHz,-63.0dBm	Single burst
4	17	8.8	496.0	No	5280.4MHz,-63.0dBm	Single burst
5	17	8.9	314.0	Yes	5280.4MHz,-63.0dBm	Single burst
6	17	8.1	303.0	Yes	5282.6MHz,-63.0dBm	Single burst
7	18	6.1	304.0	Yes	5286.2MHz,-63.0dBm	Single burst
8	17	7.9	385.0	Yes	5287.5MHz,-63.0dBm	Single burst
9	18	6.3	326.0	Yes	5288.8MHz,-63.0dBm	Single burst
10	18	9.2	412.0	Yes	5289.2MHz,-63.0dBm	Single burst
11	17	9.0	278.0	No	5250.8MHz,-63.0dBm	Single burst
12	17	6.3	399.0	Yes	5250.8MHz,-63.0dBm	Single burst
13	16	7.6	441.0	Yes	5251.1MHz,-63.0dBm	Single burst
14	16	9.2	278.0	Yes	5254.9MHz,-63.0dBm	Single burst
15	17	9.9	422.0	Yes	5259.4MHz,-63.0dBm	Single burst
16	17	9.2	379.0	Yes	5264.7MHz,-63.0dBm	Single burst
17	17	8.9	472.0	No	5266.8MHz,-63.0dBm	Single burst
18	17	9.9	464.0	Yes	5266.8MHz,-63.0dBm	Single burst
19	17	6.9	278.0	Yes	5273.6MHz,-63.0dBm	Single burst
20	16	7.2	365.0	Yes	5276.1MHz,-63.0dBm	Single burst
21	18	8.8	448.0	Yes	5279.9MHz,-63.0dBm	Single burst
22	17	6.4	352.0	No	5281.1MHz,-63.0dBm	Single burst
23	16	6.3	231.0	Yes	5281.1MHz,-63.0dBm	Single burst
24	18	9.3	458.0	Yes	5284.7MHz,-63.0dBm	Single burst
25	18	7.2	498.0	Yes	5286.9MHz,-63.0dBm	Single burst
26	16	9.1	270.0	Yes	5289.2MHz,-63.0dBm	Single burst
27	18	7.2	286.0	Yes	5250.8MHz,-63.0dBm	Single burst
28	16	8.6	207.0	Yes	5251.7MHz,-63.0dBm	Single burst
29	17	6.5	428.0	Yes	5255.2MHz,-63.0dBm	Single burst
30	17	7.2	492.0	Yes	5259.2MHz,-63.0dBm	Single burst

Table 132 - FCC Short Pulse Radar (Type 4) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	13	11.4	403.0	Yes	5270.0MHz,-63.0dBm	Single burst
2	14	12.6	236.0	Yes	5276.5MHz,-63.0dBm	Single burst
3	14	17.6	220.0	Yes	5278.5MHz,-63.0dBm	Single burst
4	16	15.0	430.0	Yes	5281.2MHz,-63.0dBm	Single burst
5	15	14.3	458.0	No	5282.3MHz,-63.0dBm	Single burst
6	16	13.4	293.0	Yes	5282.3MHz,-63.0dBm	Single burst
7	13	19.1	263.0	Yes	5288.0MHz,-63.0dBm	Single burst
8	15	13.3	347.0	Yes	5289.2MHz,-63.0dBm	Single burst
9	14	15.1	308.0	Yes	5250.8MHz,-63.0dBm	Single burst
10	15	11.6	319.0	Yes	5254.1MHz,-63.0dBm	Single burst
11	15	19.1	421.0	Yes	5259.4MHz,-63.0dBm	Single burst
12	14	16.0	462.0	Yes	5262.8MHz,-63.0dBm	Single burst
13	14	13.5	271.0	Yes	5269.6MHz,-63.0dBm	Single burst
14	13	14.6	438.0	Yes	5272.2MHz,-63.0dBm	Single burst
15	15	12.7	436.0	Yes	5279.2MHz,-63.0dBm	Single burst
16	13	13.2	350.0	Yes	5280.4MHz,-63.0dBm	Single burst
17	15	14.8	348.0	Yes	5281.7MHz,-63.0dBm	Single burst
18	13	11.6	379.0	Yes	5283.8MHz,-63.0dBm	Single burst
19	15	13.4	458.0	Yes	5286.5MHz,-63.0dBm	Single burst
20	12	13.1	494.0	Yes	5288.6MHz,-63.0dBm	Single burst
21	15	17.2	238.0	Yes	5289.2MHz,-63.0dBm	Single burst
22	14	12.5	323.0	Yes	5250.8MHz,-63.0dBm	Single burst
23	14	15.6	446.0	Yes	5252.8MHz,-63.0dBm	Single burst
24	13	14.9	324.0	No	5254.6MHz,-63.0dBm	Single burst
25	12	13.6	464.0	Yes	5254.6MHz,-63.0dBm	Single burst
26	15	19.1	352.0	Yes	5255.9MHz,-63.0dBm	Single burst
27	15	12.5	230.0	Yes	5258.4MHz,-63.0dBm	Single burst
28	15	14.9	431.0	Yes	5259.6MHz,-63.0dBm	Single burst
29	14	18.6	203.0	Yes	5263.7MHz,-63.0dBm	Single burst
30	15	15.4	345.0	Yes	5267.4MHz,-63.0dBm	Single burst

Table 133 - FCC Long Pulse Radar (Type 5) Summary 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5270.0MHz,-63.0dBm
Trial #2	Detected	5270.0MHz,-63.0dBm
Trial #3	Detected	5270.0MHz,-63.0dBm
Trial #4	Detected	5270.0MHz,-63.0dBm
Trial #5	Detected	5270.0MHz,-63.0dBm
Trial #6	Detected	5270.0MHz,-63.0dBm
Trial #7	NOT Detected	5270.0MHz,-63.0dBm
Trial #8	Detected	5270.0MHz,-63.0dBm
Trial #9	Detected	5270.0MHz,-63.0dBm
Trial #10	Detected	5270.0MHz,-63.0dBm
Trial #11	Detected	5257.9MHz,-63.0dBm
Trial #12	Detected	5258.4MHz,-63.0dBm
Trial #13	Detected	5254.8MHz,-63.0dBm
Trial #14	Detected	5258.4MHz,-63.0dBm
Trial #15	Detected	5253.6MHz,-63.0dBm
Trial #16	Detected	5254.4MHz,-63.0dBm
Trial #17	Detected	5255.9MHz,-63.0dBm
Trial #18	Detected	5253.6MHz,-63.0dBm
Trial #19	Detected	5255.1MHz,-63.0dBm
Trial #20	NOT Detected	5253.6MHz,-63.0dBm
Trial #21	Detected	5286.4MHz,-63.0dBm
Trial #22	Detected	5282.4MHz,-63.0dBm
Trial #23	Detected	5286.1MHz,-63.0dBm
Trial #24	Detected	5283.2MHz,-63.0dBm
Trial #25	Detected	5285.2MHz,-63.0dBm
Trial #26	Detected	5286.9MHz,-63.0dBm
Trial #27	Detected	5282.9MHz,-63.0dBm
Trial #28	Detected	5284.4MHz,-63.0dBm
Trial #29	Detected	5284.9MHz,-63.0dBm
Trial #30	Detected	5282.9MHz,-63.0dBm

Table 134 - FCC Long Pulse Radar (Type 5) Trial#1 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.1	16	1303.0	-	0.969467
2	2	61.9	16	1604.0	-	1.476724
3	2	84.3	16	1926.0	-	2.210827
4	3	93.7	16	1340.0	1108.0	3.019589
5	3	96.9	16	1599.0	1364.0	4.633962
6	2	77.6	16	1653.0	-	5.452061
7	2	59.9	16	1605.0	-	6.856941
8	2	81.7	16	1698.0	-	7.305797
9	2	89.3	16	1616.0	-	8.585883
10	3	54.2	16	1553.0	1029.0	9.544452
11	1	59.5	16	-	-	10.552399
12	2	85.0	16	1454.0	-	11.620746

Table 135 - FCC Long Pulse Radar (Type 5) Trial#2 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	63.4	11	-	-	0.677392
2	2	75.9	11	1087.0	-	0.997247
3	2	83.3	11	1079.0	-	2.078723
4	1	51.7	11	-	-	2.509385
5	1	80.3	11	-	-	3.238256
6	2	93.0	11	1456.0	-	3.982341
7	3	76.0	11	1116.0	1231.0	4.508968
8	1	76.7	11	-	-	4.957813
9	2	55.4	11	1415.0	-	5.887990
10	1	75.8	11	-	-	6.534287
11	3	66.8	11	1794.0	1626.0	7.274911
12	1	89.8	11	-	-	8.234217
13	2	62.8	11	1528.0	-	8.660883
14	1	73.7	11	-	-	9.194003
15	2	86.3	11	1246.0	-	9.936986
16	2	84.1	11	1792.0	-	11.051676
17	1	75.2	11	-	-	11.660992

Table 136 - FCC Long Pulse Radar (Type 5) Trial#3 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.3	12	1182.0	-	0.719459
2	2	55.6	12	1847.0	-	1.411111
3	1	51.8	12	-	-	2.280178
4	1	90.9	12	-	-	3.191758
5	2	60.3	12	1822.0	-	4.775145
6	3	77.6	12	1631.0	1140.0	5.747361
7	3	50.0	12	1828.0	1851.0	6.651983
8	3	81.3	12	1046.0	1222.0	7.225377
9	3	52.9	12	1506.0	1529.0	8.969177
10	2	81.8	12	1314.0	-	9.834836
11	2	59.8	12	1756.0	-	10.077939
12	2	88.8	12	1991.0	-	11.029396

Table 137 - FCC Long Pulse Radar (Type 5) Trial#4 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.6	16	1024.0	-	0.020066
2	2	96.5	16	1480.0	-	0.981568
3	1	84.7	16	-	-	2.347680
4	2	52.4	16	1433.0	-	2.932567
5	2	76.7	16	1578.0	-	4.322601
6	1	86.5	16	-	-	4.719840
7	1	62.3	16	-	-	6.040031
8	1	76.9	16	-	-	6.828141
9	2	51.3	16	1198.0	-	7.465539
10	1	55.4	16	-	-	9.112174
11	2	88.8	16	1373.0	-	9.570063
12	2	98.5	16	1877.0	-	10.528398
13	3	52.0	16	1264.0	1836.0	11.085078

Table 138 - FCC Long Pulse Radar (Type 5) Trial#5 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.2	6	1294.0	1977.0	0.747429
2	2	84.0	6	1747.0	-	1.622496
3	1	87.7	6	-	-	2.327485
4	2	75.1	6	1534.0	-	3.799858
5	1	98.5	6	-	-	4.701847
6	2	73.0	6	1720.0	-	5.546136
7	3	82.7	6	1703.0	1414.0	7.144262
8	2	94.9	6	1467.0	-	8.620499
9	2	63.9	6	1713.0	-	8.731466
10	2	99.9	6	1369.0	-	10.888849
11	1	89.3	6	-	-	11.806475

Table 139 - FCC Long Pulse Radar (Type 5) Trial#6 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.8	10	1593.0	-	0.217040
2	1	71.6	10	-	-	1.643193
3	3	59.3	10	1144.0	1107.0	2.383518
4	1	91.3	10	-	-	2.904446
5	3	75.0	10	1169.0	1690.0	4.510255
6	3	55.6	10	1102.0	1482.0	5.188336
7	3	96.9	10	1241.0	1861.0	5.850755
8	2	69.8	10	1140.0	-	6.717449
9	2	74.4	10	1572.0	-	8.272871
10	3	94.5	10	1837.0	1640.0	9.221977
11	3	70.0	10	1153.0	1538.0	9.586494
12	2	63.3	10	1960.0	-	10.303386
13	3	87.1	10	1077.0	1683.0	11.957145

Table 140 - FCC Long Pulse Radar (Type 5) Trial#7 (NOT Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	60.2	15	-	-	0.276955
2	2	53.0	15	1452.0	-	1.370217
3	2	95.7	15	1496.0	-	2.067451
4	1	50.6	15	-	-	2.969692
5	2	89.2	15	1996.0	-	3.394680
6	2	81.1	15	1195.0	-	4.222884
7	2	59.7	15	1535.0	-	5.026550
8	2	79.6	15	1659.0	-	5.319786
9	2	91.9	15	1989.0	-	6.184666
10	2	78.1	15	1203.0	-	7.183519
11	2	70.0	15	1860.0	-	7.803015
12	1	50.4	15	-	-	8.362058
13	3	92.3	15	1116.0	1377.0	9.726400
14	3	83.8	15	1429.0	1382.0	10.102493
15	3	66.9	15	1408.0	1009.0	11.114943
16	2	97.3	15	1166.0	-	11.851638

Table 141 - FCC Long Pulse Radar (Type 5) Trial#8 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.2	8	1949.0	-	0.494705
2	2	80.2	8	1198.0	-	1.048240
3	3	63.1	8	1778.0	1185.0	2.034070
4	2	79.8	8	1704.0	-	2.848421
5	2	74.1	8	1846.0	-	3.557966
6	1	99.5	8	-	-	4.364640
7	2	71.4	8	1292.0	-	5.179969
8	1	56.3	8	-	-	5.787755
9	1	98.3	8	-	-	6.733076
10	2	99.7	8	1684.0	-	7.234122
11	2	60.0	8	1035.0	-	8.093042
12	1	67.5	8	-	-	8.315656
13	2	83.4	8	1976.0	-	9.692556
14	2	88.3	8	1565.0	-	10.242519
15	2	80.9	8	1917.0	-	10.722739
16	2	58.9	8	1650.0	-	11.630232

Table 142 - FCC Long Pulse Radar (Type 5) Trial#9 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.3	17	1760.0	1665.0	0.162501
2	2	73.1	17	1027.0	-	0.995117
3	2	61.5	17	1328.0	-	1.802893
4	2	74.8	17	1916.0	-	2.781213
5	2	55.6	17	1469.0	-	3.191906
6	2	76.9	17	1303.0	-	3.819484
7	2	77.4	17	1284.0	-	4.510684
8	2	65.4	17	1660.0	-	5.550844
9	2	80.4	17	1367.0	-	6.252169
10	2	89.7	17	1860.0	-	6.947699
11	2	83.2	17	1629.0	-	7.779786
12	2	58.7	17	1184.0	-	8.519807
13	3	58.9	17	1754.0	1822.0	9.661576
14	1	90.2	17	-	-	9.977572
15	3	79.4	17	1061.0	1420.0	10.983343
16	1	99.3	17	-	-	11.716361

Table 143 - FCC Long Pulse Radar (Type 5) Trial#10 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.5	7	1354.0	-	0.427913
2	2	95.2	7	1759.0	-	0.835607
3	2	56.9	7	1287.0	-	1.281263
4	2	51.5	7	1113.0	-	2.260902
5	3	98.3	7	1419.0	1646.0	2.419909
6	2	69.5	7	1527.0	-	3.093139
7	2	91.6	7	1463.0	-	3.878137
8	2	84.5	7	1937.0	-	4.253284
9	2	89.1	7	1460.0	-	5.179201
10	2	92.8	7	1525.0	-	5.759875
11	1	83.7	7	-	-	6.550346
12	2	85.5	7	1270.0	-	7.181339
13	2	60.2	7	1778.0	-	7.765694
14	3	95.2	7	1712.0	1024.0	8.286440
15	2	71.6	7	1063.0	-	8.469461
16	2	82.5	7	1522.0	-	9.090774
17	2	58.2	7	1137.0	-	9.918285
18	2	75.4	7	1161.0	-	10.315058
19	2	71.0	7	1597.0	-	11.086589
20	2	84.3	7	1480.0	-	11.600046

Table 144 - FCC Long Pulse Radar (Type 5) Trial#11 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	58.2	7	-	-	0.806620
2	3	85.1	7	1047.0	1874.0	2.104770
3	2	95.7	7	1501.0	-	2.912269
4	1	83.2	7	-	-	5.264805
5	2	57.9	7	1941.0	-	6.430249
6	2	74.8	7	1803.0	-	7.193697
7	2	82.7	7	1903.0	-	8.020384
8	2	87.1	7	1506.0	-	9.765311
9	1	92.1	7	-	-	10.944032

Table 145 - FCC Long Pulse Radar (Type 5) Trial#12 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.5	11	1334.0	1367.0	0.591797
2	1	98.4	11	-	-	1.184882
3	3	75.8	11	1364.0	1852.0	2.039422
4	1	83.2	11	-	-	3.243954
5	1	74.9	11	-	-	3.782922
6	2	86.8	11	1716.0	-	4.744112
7	1	74.0	11	-	-	5.765342
8	3	93.6	11	1050.0	1573.0	6.308430
9	3	58.9	11	1204.0	1276.0	6.949484
10	1	58.0	11	-	-	8.199635
11	2	69.5	11	1454.0	-	8.608263
12	2	91.0	11	1577.0	-	9.794653
13	1	65.0	11	-	-	11.049125
14	3	89.9	11	1439.0	1300.0	11.613179

Table 146 - FCC Long Pulse Radar (Type 5) Trial#13 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	57.9	7	1134.0	-	0.037312
2	1	64.6	7	-	-	0.892575
3	1	84.8	7	-	-	1.489533
4	3	63.0	7	1569.0	1589.0	2.158687
5	2	81.6	7	1950.0	-	2.902453
6	3	89.0	7	1063.0	1924.0	3.767403
7	2	57.3	7	1801.0	-	4.371914
8	2	76.7	7	1107.0	-	4.776516
9	3	74.4	7	1395.0	1069.0	5.790906
10	2	71.1	7	1025.0	-	6.472500
11	3	93.3	7	1021.0	1744.0	7.199017
12	1	87.2	7	-	-	7.943378
13	1	70.2	7	-	-	8.124276
14	2	77.7	7	1271.0	-	8.928022
15	2	50.4	7	1580.0	-	9.839465
16	2	79.5	7	1421.0	-	10.278374
17	1	95.1	7	-	-	10.918645
18	3	57.5	7	1322.0	1171.0	11.674443

Table 147 - FCC Long Pulse Radar (Type 5) Trial#14 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	75.5	13	1384.0	1915.0	0.787408
2	3	82.5	13	1647.0	1960.0	2.024231
3	2	60.0	13	1951.0	-	2.719121
4	3	100.0	13	1794.0	1637.0	4.312830
5	3	75.1	13	1329.0	1008.0	5.486552
6	2	60.7	13	1071.0	-	6.140791
7	2	70.6	13	1419.0	-	7.300453
8	2	73.7	13	1179.0	-	9.399511
9	3	61.9	13	1731.0	1860.0	10.171101
10	3	66.8	13	1259.0	1324.0	11.374286

Table 148 - FCC Long Pulse Radar (Type 5) Trial#15 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	99.9	9	1820.0	-	0.020691
2	3	64.7	9	1630.0	1905.0	1.151579
3	3	50.3	9	1582.0	1740.0	2.983982
4	1	69.6	9	-	-	3.790348
5	3	85.2	9	1643.0	1946.0	4.942249
6	1	50.7	9	-	-	5.503473
7	1	94.0	9	-	-	6.458456
8	2	78.9	9	1711.0	-	7.401835
9	1	81.9	9	-	-	8.779074
10	2	97.3	9	1195.0	-	9.511798
11	2	75.5	9	1017.0	-	10.626388
12	2	90.0	9	1478.0	-	11.320753

Table 149 - FCC Long Pulse Radar (Type 5) Trial#16 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	85.5	7	1709.0	-	0.383719
2	1	70.4	7	-	-	0.796037
3	1	93.5	7	-	-	1.761368
4	2	90.6	7	1291.0	-	2.424454
5	2	82.6	7	1479.0	-	3.133885
6	3	54.4	7	1982.0	1411.0	4.213177
7	2	62.9	7	1992.0	-	4.446727
8	3	78.4	7	1982.0	1746.0	5.252792
9	2	77.6	7	1995.0	-	6.029762
10	1	76.3	7	-	-	6.924335
11	3	50.1	7	1957.0	1617.0	7.645582
12	2	54.0	7	1358.0	-	8.018629
13	2	75.3	7	1978.0	-	8.943926
14	2	66.7	7	1679.0	-	9.561312
15	3	96.8	7	1230.0	1001.0	9.900083
16	2	59.8	7	1793.0	-	10.816430
17	2	82.2	7	1734.0	-	11.615652

Table 150 - FCC Long Pulse Radar (Type 5) Trial#17 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	95.4	19	-	-	0.028488
2	3	61.8	19	1565.0	1059.0	0.863223
3	2	85.8	19	1232.0	-	1.549738
4	3	90.8	19	1257.0	1114.0	2.380336
5	2	87.4	19	1315.0	-	3.493542
6	2	85.9	19	1148.0	-	3.728772
7	2	90.2	19	1469.0	-	4.881825
8	2	53.6	19	1033.0	-	5.171560
9	2	65.2	19	1732.0	-	6.149562
10	2	87.7	19	1825.0	-	7.008454
11	2	85.5	19	1506.0	-	7.504307
12	2	93.4	19	1204.0	-	8.321606
13	3	50.4	19	1320.0	1787.0	8.489042
14	1	87.4	19	-	-	9.816707
15	2	72.1	19	1568.0	-	10.574287
16	1	97.6	19	-	-	11.044631
17	2	92.8	19	1458.0	-	11.578431

Table 151 - FCC Long Pulse Radar (Type 5) Trial#18 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	96.2	10	-	-	0.252771
2	2	62.3	10	1428.0	-	0.655773
3	2	66.5	10	1101.0	-	1.392056
4	2	84.5	10	1626.0	-	1.954413
5	3	90.5	10	1335.0	1156.0	2.663905
6	2	90.2	10	1662.0	-	3.036899
7	1	71.5	10	-	-	3.714742
8	3	70.4	10	1775.0	1944.0	4.322925
9	3	66.3	10	1614.0	1155.0	4.936857
10	1	72.5	10	-	-	5.776213
11	2	73.1	10	1318.0	-	6.045563
12	1	97.6	10	-	-	7.197671
13	2	75.8	10	1750.0	-	7.209779
14	1	91.1	10	-	-	8.138141
15	3	81.1	10	1047.0	1946.0	8.460728
16	2	52.2	10	1787.0	-	9.576092
17	1	78.5	10	-	-	9.630192
18	3	65.6	10	1943.0	1744.0	10.521681
19	1	64.2	10	-	-	10.966280
20	3	54.3	10	1931.0	1972.0	11.933223

Table 152 - FCC Long Pulse Radar (Type 5) Trial#19 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	90.3	19	1227.0	-	0.345301
2	1	86.0	19	-	-	1.103434
3	2	95.1	19	1413.0	-	1.528359
4	1	94.1	19	-	-	2.348619
5	2	68.1	19	1475.0	-	2.996059
6	1	59.7	19	-	-	3.344421
7	2	71.6	19	1091.0	-	4.005150
8	1	54.5	19	-	-	4.969981
9	3	81.9	19	1173.0	1454.0	5.845041
10	2	69.8	19	1776.0	-	6.481441
11	2	95.7	19	1952.0	-	7.329126
12	2	64.3	19	1521.0	-	7.646445
13	1	87.5	19	-	-	8.339555
14	2	74.8	19	1488.0	-	9.130988
15	3	70.0	19	1277.0	1401.0	9.561989
16	2	69.0	19	1369.0	-	10.013038
17	2	57.4	19	1318.0	-	10.821979
18	2	55.7	19	1047.0	-	11.671654

Table 153 - FCC Long Pulse Radar (Type 5) Trial#20 (NOT Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	85.4	18	1138.0	1414.0	0.485516
2	1	97.5	18	-	-	1.546962
3	2	51.5	18	1082.0	-	2.638024
4	2	99.4	18	1880.0	-	4.247915
5	1	64.5	18	-	-	4.443527
6	3	64.6	18	1156.0	1541.0	6.161590
7	2	53.1	18	1430.0	-	7.329523
8	1	87.4	18	-	-	8.038448
9	3	77.7	18	1055.0	1399.0	8.884130
10	1	64.6	18	-	-	10.236678
11	2	79.0	18	1935.0	-	10.974423

Table 154 - FCC Long Pulse Radar (Type 5) Trial#21 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.9	19	1395.0	-	0.352323
2	3	78.3	19	1774.0	1659.0	0.841634
3	2	77.7	19	1813.0	-	2.262952
4	2	71.9	19	1103.0	-	3.085966
5	2	86.7	19	1932.0	-	3.577351
6	2	57.7	19	1273.0	-	4.398139
7	1	50.3	19	-	-	5.434097
8	2	98.6	19	1315.0	-	6.156151
9	2	67.8	19	1251.0	-	6.881724
10	2	63.4	19	1997.0	-	7.549749
11	3	53.6	19	1530.0	1475.0	8.760868
12	2	56.4	19	1862.0	-	9.400231
13	2	66.0	19	1318.0	-	10.365984
14	2	68.0	19	1523.0	-	10.855053
15	1	79.4	19	-	-	11.335347

Table 155 - FCC Long Pulse Radar (Type 5) Trial#22 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	83.2	6	1723.0	1213.0	0.769965
2	1	76.1	6	-	-	1.557500
3	1	95.4	6	-	-	3.082933
4	1	57.5	6	-	-	5.138869
5	2	51.0	6	1233.0	-	5.489010
6	2	88.1	6	1238.0	-	7.038504
7	3	81.6	6	1659.0	1813.0	9.031323
8	2	70.7	6	1687.0	-	9.953793
9	3	69.3	6	1735.0	1719.0	11.078257

Table 156 - FCC Long Pulse Radar (Type 5) Trial#23 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	70.3	13	1750.0	1695.0	0.293669
2	2	66.5	13	1056.0	-	0.929122
3	1	70.1	13	-	-	1.682237
4	2	51.9	13	1926.0	-	2.173799
5	1	96.2	13	-	-	2.569931
6	1	78.4	13	-	-	3.756267
7	2	89.1	13	1259.0	-	4.110160
8	3	68.7	13	1790.0	1019.0	4.817429
9	3	67.0	13	1199.0	1231.0	5.506892
10	2	69.0	13	1581.0	-	5.694535
11	2	54.4	13	1275.0	-	6.887055
12	1	99.6	13	-	-	7.167930
13	1	77.8	13	-	-	7.910936
14	2	71.5	13	1696.0	-	8.790056
15	2	76.1	13	1808.0	-	9.369954
16	2	52.1	13	1478.0	-	9.599829
17	2	65.1	13	1933.0	-	10.729141
18	3	95.4	13	1720.0	1307.0	10.810579
19	3	86.2	13	1135.0	1567.0	11.802263

Table 157 - FCC Long Pulse Radar (Type 5) Trial#24 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	55.4	19	-	-	0.857789
2	2	62.5	19	1940.0	-	1.548921
3	2	74.4	19	1993.0	-	2.295227
4	2	85.4	19	1295.0	-	3.923455
5	3	68.9	19	1429.0	1089.0	5.108388
6	3	97.8	19	1046.0	1746.0	6.329091
7	2	53.2	19	1054.0	-	6.784521
8	2	57.5	19	1160.0	-	7.974089
9	1	75.2	19	-	-	8.851504
10	3	94.9	19	1396.0	1923.0	10.837293
11	2	50.2	19	1184.0	-	11.380138

Table 158 - FCC Long Pulse Radar (Type 5) Trial#25 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	55.8	6	1181.0	-	0.284016
2	1	74.9	6	-	-	0.702555
3	1	51.4	6	-	-	1.541014
4	3	73.2	6	1511.0	1537.0	1.840230
5	2	63.2	6	1518.0	-	2.650710
6	3	75.4	6	1644.0	1467.0	3.202330
7	2	59.5	6	1548.0	-	4.016338
8	2	73.8	6	1156.0	-	4.260539
9	2	81.9	6	1747.0	-	4.898249
10	2	96.8	6	1176.0	-	5.972819
11	2	65.4	6	1887.0	-	6.419081
12	3	97.1	6	1248.0	1201.0	7.147854
13	2	54.6	6	1781.0	-	7.484314
14	2	61.2	6	1104.0	-	8.347034
15	3	86.6	6	1612.0	1390.0	8.812395
16	3	85.7	6	1729.0	1913.0	9.274995
17	1	98.0	6	-	-	10.039720
18	1	84.8	6	-	-	10.714559
19	1	79.0	6	-	-	10.995218
20	2	59.4	6	1140.0	-	11.451522

Table 159 - FCC Long Pulse Radar (Type 5) Trial#26 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	50.6	11	-	-	0.636496
2	3	84.1	11	1577.0	1436.0	1.385171
3	1	59.4	11	-	-	1.778196
4	3	89.6	11	1803.0	1180.0	3.258250
5	2	84.8	11	1112.0	-	3.787861
6	3	56.6	11	1072.0	1021.0	4.747473
7	2	84.5	11	1118.0	-	5.179228
8	1	77.4	11	-	-	6.476573
9	2	56.3	11	1394.0	-	7.359340
10	2	73.9	11	1428.0	-	7.813812
11	1	81.3	11	-	-	8.836312
12	2	94.2	11	1510.0	-	10.119464
13	1	66.5	11	-	-	10.702116
14	1	89.0	11	-	-	11.450806

Table 160 - FCC Long Pulse Radar (Type 5) Trial#27 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

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	1167.0	-	0.220438
2	2	70.3	7	1107.0	-	1.051217
3	3	95.3	7	1519.0	1315.0	2.227651
4	3	88.1	7	1412.0	1184.0	3.677974
5	1	74.5	7	-	-	4.971294
6	1	63.7	7	-	-	5.511685
7	2	97.6	7	1242.0	-	6.402065
8	1	54.1	7	-	-	7.855351
9	3	56.0	7	1401.0	1974.0	8.340612
10	3	80.3	7	1438.0	1800.0	9.273909
11	2	75.6	7	1624.0	-	10.551509
12	1	77.0	7	-	-	11.871468

Table 161 - FCC Long Pulse Radar (Type 5) Trial#28 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	54.8	16	1137.0	1753.0	0.404391
2	2	74.4	16	1684.0	-	1.809290
3	1	58.1	16	-	-	2.072339
4	3	53.1	16	1679.0	1198.0	3.606278
5	3	58.3	16	1327.0	1882.0	4.046506
6	3	96.4	16	1732.0	1696.0	5.747497
7	2	92.5	16	1444.0	-	6.285327
8	2	90.5	16	1671.0	-	7.300756
9	2	66.1	16	1678.0	-	8.714359
10	3	98.5	16	1311.0	1628.0	9.225397
11	1	87.0	16	-	-	10.158982
12	2	74.5	16	1952.0	-	11.349354

Table 162 - FCC Long Pulse Radar (Type 5) Trial#29 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	88.0	6	1456.0	1504.0	0.940124
2	2	56.6	6	1921.0	-	1.446718
3	2	74.5	6	1349.0	-	2.335993
4	2	72.3	6	1763.0	-	3.209183
5	3	58.6	6	1678.0	1426.0	4.931115
6	2	84.6	6	1108.0	-	5.961086
7	2	91.3	6	1037.0	-	6.628671
8	1	73.0	6	-	-	7.096261
9	3	59.4	6	1661.0	1689.0	8.149907
10	1	66.8	6	-	-	9.883920
11	1	65.9	6	-	-	10.563951
12	2	59.9	6	1969.0	-	11.541269

Table 163 - FCC Long Pulse Radar (Type 5) Trial#30 (Detected) 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.6	17	1102.0	-	0.756000
2	1	93.3	17	-	-	1.038534
3	2	78.2	17	1813.0	-	1.909425
4	1	86.7	17	-	-	2.737161
5	2	75.8	17	1984.0	-	3.980966
6	2	72.0	17	1595.0	-	5.129847
7	2	73.4	17	1787.0	-	5.325163
8	2	56.0	17	1304.0	-	6.696437
9	2	96.8	17	1569.0	-	7.292692
10	3	85.1	17	1224.0	1582.0	8.479769
11	2	90.1	17	1078.0	-	8.894785
12	2	72.9	17	1716.0	-	10.251531
13	2	87.5	17	1352.0	-	10.338853
14	3	87.6	17	1014.0	1480.0	11.382133

Table 164 - FCC frequency hopping radar (Type 6) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
1	9	1.0	333.0	Yes	5270.0MHz, -63.0dBm	Hop sequence: 5516, 5618, 5546, 5701, 5490, 5297, 5690, 5361, 5383, 5447, 5703, 5575, 5359, 5403, 5681, 5491, 5665, 5467, 5527, 5554, 5496, 5463, 5384, 5601, 5709, 5300, 5662, 5350, 5388, 5603, 5257, 5661, 5626, 5396, 5472, 5386, 5307, 5363, 5329, 5439, 5596, 5430, 5587, 5289, 5478, 5353, 5443, 5415, 5519, 5654, 5598, 5502, 5514, 5638, 5437, 5657, 5568, 5482, 5364, 5666, 5486, 5706, 5668, 5426, 5647, 5536, 5332, 5460, 5465, 5254, 5389, 5567, 5446, 5719, 5484, 5319, 5629, 5317, 5451, 5562, 5503, 5671, 5687, 5553, 5385, 5457, 5698, 5659, 5333, 5468, 5637, 5521, 5535, 5293, 5326, 5547, 5264, 5513, 5540, 5455 (4hits)
2	9	1.0	333.0	Yes	5272.7MHz, -63.0dBm	Hop sequence: 5371, 5376, 5696, 5350, 5597, 5539, 5535, 5695, 5515, 5329, 5294, 5415, 5433, 5654, 5401, 5531, 5428, 5532, 5406, 5297, 5425, 5713, 5409, 5585, 5723, 5570, 5478, 5279, 5642, 5699, 5399, 5579, 5492, 5563, 5475, 5450, 5265, 5651, 5683, 5380, 5384, 5613, 5286, 5370, 5684, 5392, 5317, 5443, 5366, 5335, 5581, 5332, 5284, 5347, 5556, 5639, 5342, 5652, 5488, 5321, 5356, 5364, 5288, 5640, 5637, 5720, 5348, 5282, 5588, 5644, 5697, 5687, 5417, 5258, 5276, 5264, 5649, 5391, 5691, 5353, 5607, 5549, 5341, 5262, 5499, 5665, 5259, 5617, 5349, 5594, 5495, 5305, 5633, 5537, 5438, 5330, 5522, 5407, 5604, 5369 (11 hits)
3	9	1.0	333.0	Yes	5275.8MHz, -63.0dBm	Hop sequence: 5356, 5326, 5445, 5651, 5548, 5277, 5477, 5707, 5367, 5543, 5569, 5526, 5420, 5456, 5387, 5495, 5704, 5403, 5633, 5333, 5357, 5297, 5275, 5267, 5470, 5505, 5414, 5687, 5671, 5563, 5602, 5556, 5396, 5537, 5398, 5448, 5544, 5609, 5525, 5364, 5419, 5411, 5540, 5558, 5458, 5679, 5291, 5347, 5507, 5554, 5652, 5453, 5463, 5519, 5429, 5500, 5296, 5443, 5365, 5412, 5621, 5573, 5585, 5710, 5516, 5693, 5293, 5653, 5391, 5253, 5432, 5271, 5260, 5407, 5597, 5405, 5343, 5447, 5580, 5258, 5469, 5713, 5483, 5680, 5415, 5306, 5307, 5717, 5397, 5697, 5435, 5476, 5472, 5255, 5604, 5404, 5430, 5667, 5725, 5696 (8 hits)
4	9	1.0	333.0	Yes	5280.0MHz, -63.0dBm	Hop sequence: 5617, 5278, 5487, 5322, 5282, 5494, 5696, 5579, 5569, 5401, 5507, 5550, 5501, 5281, 5497, 5456, 5598, 5393, 5359, 5518, 5559, 5582, 5661, 5701, 5528, 5418, 5466, 5484, 5327, 5461, 5665, 5496, 5267, 5318, 5561, 5647, 5624, 5394, 5385, 5526, 5483, 5432, 5383, 5723, 5628, 5266, 5453, 5565, 5644, 5295, 5707, 5520, 5533, 5481, 5576, 5636, 5683, 5326, 5289, 5658, 5725, 5457, 5597, 5344, 5544, 5619, 5529, 5573, 5285, 5390, 5468, 5376, 5335, 5464, 5448, 5672, 5663, 5384, 5272, 5719, 5530, 5536, 5563, 5477, 5500,

Table 164 - FCC frequency hopping radar (Type 6) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
						5445, 5571, 5722, 5313, 5386, 5396, 5290, 5712, 5503, 5250, 5351, 5606, 5490, 5364, 5488 (8 hits)
5	9	1.0	333.0	Yes	5283.9MHz, -63.0dBm	Hop sequence: 5555, 5451, 5392, 5654, 5557, 5575, 5469, 5388, 5594, 5595, 5679, 5356, 5336, 5492, 5596, 5542, 5270, 5447, 5419, 5700, 5259, 5370, 5340, 5587, 5258, 5312, 5599, 5591, 5405, 5517, 5691, 5439, 5351, 5544, 5653, 5293, 5481, 5642, 5449, 5397, 5580, 5721, 5711, 5448, 5337, 5664, 5331, 5471, 5712, 5334, 5368, 5402, 5406, 5621, 5275, 5377, 5644, 5704, 5632, 5646, 5520, 5345, 5552, 5619, 5631, 5611, 5483, 5361, 5327, 5273, 5633, 5692, 5407, 5411, 5610, 5682, 5268, 5639, 5283, 5656, 5287, 5577, 5569, 5722, 5523, 5274, 5649, 5709, 5724, 5271, 5547, 5598, 5590, 5636, 5382, 5493, 5434, 5626, 5583, 5571 (10 hits)
6	9	1.0	333.0	Yes	5289.2MHz, -63.0dBm	Hop sequence: 5661, 5280, 5677, 5472, 5354, 5295, 5379, 5436, 5446, 5605, 5516, 5309, 5690, 5695, 5639, 5392, 5426, 5680, 5579, 5596, 5302, 5479, 5508, 5371, 5568, 5324, 5718, 5537, 5587, 5636, 5419, 5335, 5418, 5397, 5521, 5380, 5321, 5655, 5351, 5526, 5562, 5724, 5439, 5682, 5491, 5376, 5465, 5640, 5654, 5710, 5633, 5666, 5270, 5553, 5288, 5546, 5683, 5452, 5442, 5699, 5575, 5455, 5657, 5544, 5529, 5414, 5396, 5443, 5664, 5275, 5348, 5607, 5352, 5711, 5586, 5320, 5262, 5523, 5253, 5261, 5464, 5356, 5668, 5512, 5572, 5372, 5501, 5722, 5708, 5332, 5454, 5370, 5305, 5650, 5333, 5322, 5625, 5517, 5434, 5597 (7 hits)
7	9	1.0	333.0	Yes	5250.8MHz, -63.0dBm	Hop sequence: 5487, 5318, 5662, 5397, 5479, 5587, 5653, 5650, 5274, 5334, 5250, 5692, 5452, 5373, 5316, 5463, 5320, 5506, 5615, 5573, 5382, 5454, 5585, 5338, 5414, 5273, 5470, 5627, 5406, 5290, 5593, 5380, 5626, 5304, 5621, 5445, 5699, 5664, 5531, 5321, 5596, 5670, 5534, 5301, 5310, 5323, 5619, 5532, 5654, 5328, 5339, 5539, 5281, 5287, 5521, 5557, 5457, 5599, 5701, 5673, 5390, 5259, 5268, 5469, 5721, 5660, 5640, 5696, 5602, 5535, 5262, 5597, 5508, 5376, 5286, 5458, 5278, 5412, 5254, 5528, 5269, 5481, 5263, 5614, 5404, 5322, 5545, 5541, 5586, 5558, 5707, 5694, 5712, 5717, 5421, 5726, 5633, 5279, 5419, 5352 (13 hits)
8	9	1.0	333.0	Yes	5251.7MHz, -63.0dBm	Hop sequence: 5523, 5368, 5257, 5716, 5643, 5628, 5581, 5620, 5301, 5430, 5688, 5525, 5490, 5488, 5618, 5626, 5722, 5320, 5695, 5612, 5526, 5377, 5585, 5503, 5576, 5725, 5327, 5609, 5283, 5651, 5719, 5586, 5677, 5563, 5270, 5394, 5656, 5684, 5284, 5534, 5288, 5495, 5615, 5597, 5449, 5407, 5668, 5393, 5475, 5561, 5552, 5650, 5293, 5606, 5344, 5438, 5332, 5556, 5406, 5492, 5718,

Table 164 - FCC frequency hopping radar (Type 6) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
						5265, 5678, 5480, 5358, 5381, 5465, 5533, 5555, 5380, 5384, 5537, 5483, 5574, 5593, 5363, 5252, 5361, 5703, 5511, 5375, 5410, 5387, 5287, 5646, 5538, 5638, 5696, 5522, 5472, 5584, 5390, 5603, 5339, 5409, 5272, 5458, 5686, 5653, 5667 (9 hits)
9	9	1.0	333.0	Yes	5253.0MHz, -63.0dBm	Hop sequence: 5687, 5430, 5388, 5284, 5362, 5548, 5613, 5620, 5494, 5619, 5665, 5704, 5414, 5589, 5392, 5453, 5466, 5442, 5475, 5656, 5407, 5637, 5521, 5251, 5402, 5308, 5403, 5399, 5270, 5427, 5725, 5473, 5291, 5511, 5303, 5549, 5525, 5561, 5320, 5406, 5532, 5502, 5377, 5545, 5701, 5355, 5369, 5259, 5712, 5451, 5569, 5268, 5570, 5343, 5688, 5405, 5580, 5624, 5460, 5346, 5274, 5718, 5312, 5567, 5345, 5384, 5605, 5297, 5341, 5260, 5365, 5337, 5716, 5327, 5498, 5492, 5524, 5645, 5643, 5696, 5282, 5682, 5642, 5577, 5558, 5631, 5719, 5564, 5539, 5566, 5254, 5588, 5379, 5560, 5396, 5669, 5364, 5408, 5708, 5323 (9 hits)
10	9	1.0	333.0	Yes	5259.7MHz, -63.0dBm	Hop sequence: 5399, 5534, 5518, 5430, 5673, 5369, 5612, 5483, 5661, 5598, 5323, 5478, 5267, 5614, 5560, 5523, 5349, 5337, 5260, 5443, 5537, 5503, 5357, 5677, 5704, 5644, 5451, 5394, 5494, 5482, 5362, 5264, 5470, 5577, 5572, 5359, 5689, 5458, 5375, 5321, 5348, 5490, 5437, 5538, 5620, 5607, 5396, 5521, 5378, 5656, 5354, 5580, 5439, 5292, 5495, 5513, 5389, 5274, 5657, 5250, 5272, 5527, 5351, 5603, 5601, 5685, 5633, 5329, 5707, 5408, 5662, 5316, 5654, 5539, 5331, 5638, 5627, 5469, 5373, 5466, 5578, 5692, 5586, 5684, 5591, 5479, 5367, 5365, 5561, 5256, 5383, 5417, 5262, 5698, 5287, 5724, 5648, 5435, 5406, 5286 (9 hits)
11	9	1.0	333.0	Yes	5261.3MHz, -63.0dBm	Hop sequence: 5531, 5574, 5584, 5588, 5429, 5377, 5452, 5595, 5665, 5497, 5454, 5566, 5582, 5506, 5501, 5690, 5278, 5526, 5548, 5552, 5351, 5539, 5303, 5700, 5356, 5669, 5389, 5267, 5560, 5419, 5319, 5339, 5379, 5342, 5280, 5650, 5554, 5701, 5364, 5716, 5433, 5622, 5533, 5306, 5330, 5594, 5629, 5437, 5297, 5616, 5720, 5286, 5518, 5395, 5528, 5438, 5558, 5475, 5543, 5314, 5649, 5305, 5456, 5478, 5309, 5492, 5313, 5469, 5692, 5370, 5645, 5455, 5713, 5331, 5580, 5476, 5262, 5517, 5409, 5362, 5603, 5390, 5555, 5546, 5725, 5484, 5655, 5343, 5403, 5510, 5635, 5345, 5293, 5662, 5318, 5682, 5564, 5668, 5434, 5340 (5 hits)
12	9	1.0	333.0	Yes	5267.2MHz, -63.0dBm	Hop sequence: 5562, 5408, 5577, 5435, 5398, 5450, 5589, 5684, 5269, 5428, 5557, 5608, 5524, 5592, 5426, 5628, 5504, 5712, 5595, 5690, 5420, 5531, 5598, 5549, 5670, 5416, 5258, 5296, 5259, 5510, 5463, 5414, 5446, 5325, 5370, 5293, 5484,

Table 164 - FCC frequency hopping radar (Type 6) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
						5455, 5295, 5621, 5514, 5417, 5473, 5498, 5594, 5317, 5491, 5265, 5442, 5328, 5393, 5493, 5488, 5647, 5388, 5547, 5501, 5619, 5544, 5372, 5469, 5546, 5354, 5430, 5653, 5396, 5563, 5548, 5299, 5680, 5383, 5350, 5263, 5253, 5352, 5395, 5413, 5584, 5525, 5723, 5346, 5427, 5448, 5256, 5480, 5431, 5658, 5626, 5637, 5629, 5497, 5412, 5424, 5324, 5333, 5261, 5276, 5654, 5305, 5286 (10 hits)
13	9	1.0	333.0	Yes	5273.1MHz, -63.0dBm	Hop sequence: 5316, 5674, 5382, 5577, 5525, 5519, 5717, 5712, 5704, 5509, 5517, 5621, 5427, 5521, 5614, 5505, 5433, 5343, 5380, 5701, 5722, 5359, 5429, 5410, 5703, 5531, 5634, 5665, 5369, 5671, 5655, 5563, 5639, 5661, 5321, 5494, 5311, 5481, 5516, 5347, 5404, 5503, 5555, 5447, 5449, 5303, 5351, 5375, 5348, 5260, 5482, 5685, 5678, 5388, 5706, 5528, 5638, 5291, 5301, 5603, 5398, 5679, 5259, 5576, 5719, 5658, 5630, 5460, 5597, 5543, 5472, 5350, 5331, 5371, 5383, 5562, 5385, 5412, 5416, 5608, 5476, 5480, 5274, 5491, 5310, 5502, 5708, 5592, 5585, 5287, 5582, 5295, 5690, 5387, 5677, 5702, 5445, 5499, 5716, 5546 (4 hits)
14	9	1.0	333.0	Yes	5274.6MHz, -63.0dBm	Hop sequence: 5483, 5328, 5612, 5504, 5451, 5255, 5253, 5522, 5375, 5292, 5610, 5585, 5321, 5662, 5484, 5609, 5532, 5629, 5596, 5527, 5309, 5683, 5490, 5409, 5573, 5432, 5290, 5440, 5299, 5423, 5617, 5258, 5501, 5343, 5394, 5301, 5276, 5325, 5654, 5592, 5597, 5550, 5524, 5308, 5341, 5680, 5267, 5525, 5493, 5530, 5447, 5348, 5398, 5270, 5342, 5468, 5411, 5272, 5526, 5345, 5389, 5667, 5560, 5639, 5507, 5659, 5379, 5613, 5648, 5563, 5402, 5637, 5286, 5318, 5572, 5705, 5706, 5313, 5653, 5333, 5422, 5586, 5330, 5590, 5354, 5528, 5421, 5285, 5510, 5531, 5454, 5567, 5665, 5712, 5642, 5335, 5494, 5561, 5459, 5449 (9 hits)
15	9	1.0	333.0	Yes	5276.2MHz, -63.0dBm	Hop sequence: 5286, 5501, 5535, 5266, 5447, 5697, 5419, 5387, 5271, 5446, 5544, 5332, 5461, 5675, 5431, 5474, 5719, 5698, 5334, 5554, 5566, 5464, 5673, 5350, 5435, 5541, 5543, 5549, 5420, 5625, 5682, 5505, 5661, 5536, 5612, 5723, 5362, 5715, 5290, 5484, 5658, 5359, 5634, 5725, 5301, 5587, 5576, 5338, 5329, 5606, 5672, 5533, 5694, 5645, 5664, 5296, 5609, 5620, 5591, 5469, 5423, 5452, 5312, 5676, 5488, 5339, 5670, 5327, 5425, 5340, 5276, 5252, 5451, 5262, 5270, 5514, 5546, 5627, 5371, 5586, 5604, 5709, 5493, 5640, 5660, 5456, 5310, 5563, 5667, 5264, 5284, 5295, 5467, 5403, 5528, 5489, 5635, 5438, 5253, 5383 (10 hits)
16	9	1.0	333.0	Yes	5278.5MHz, -63.0dBm	Hop sequence: 5283, 5604, 5403, 5285, 5391, 5479, 5690, 5495, 5588, 5633, 5688, 5310, 5506,

Table 164 - FCC frequency hopping radar (Type 6) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
						5517, 5496, 5331, 5662, 5505, 5518, 5622, 5289, 5701, 5381, 5360, 5546, 5416, 5628, 5312, 5451, 5610, 5467, 5417, 5323, 5547, 5614, 5337, 5541, 5678, 5287, 5385, 5481, 5300, 5601, 5509, 5538, 5298, 5672, 5590, 5286, 5297, 5406, 5261, 5318, 5581, 5348, 5370, 5716, 5621, 5280, 5315, 5663, 5362, 5699, 5606, 5282, 5434, 5263, 5713, 5587, 5603, 5332, 5652, 5269, 5543, 5390, 5482, 5408, 5488, 5552, 5425, 5345, 5363, 5649, 5551, 5548, 5608, 5380, 5371, 5568, 5644, 5524, 5658, 5571, 5397, 5384, 5526, 5279, 5594, 5620, 5645 (11 hits)
17	9	1.0	333.0	Yes	5281.8MHz, -63.0dBm	Hop sequence: 5531, 5522, 5309, 5386, 5532, 5708, 5686, 5679, 5647, 5640, 5502, 5424, 5666, 5677, 5396, 5478, 5537, 5296, 5265, 5597, 5388, 5317, 5722, 5454, 5713, 5426, 5549, 5288, 5368, 5570, 5534, 5636, 5716, 5353, 5649, 5558, 5415, 5339, 5306, 5370, 5627, 5264, 5350, 5271, 5595, 5391, 5359, 5308, 5614, 5725, 5279, 5470, 5526, 5506, 5577, 5273, 5369, 5576, 5366, 5642, 5414, 5720, 5683, 5608, 5482, 5371, 5571, 5303, 5290, 5674, 5544, 5575, 5484, 5409, 5611, 5517, 5669, 5625, 5439, 5630, 5541, 5685, 5486, 5357, 5717, 5355, 5254, 5348, 5696, 5569, 5546, 5510, 5698, 5322, 5668, 5294, 5465, 5589, 5459, 5364 (7 hits)
18	9	1.0	333.0	Yes	5285.6MHz, -63.0dBm	Hop sequence: 5624, 5530, 5645, 5305, 5435, 5396, 5463, 5666, 5324, 5327, 5582, 5498, 5658, 5636, 5362, 5325, 5570, 5424, 5252, 5376, 5647, 5414, 5348, 5262, 5264, 5646, 5457, 5533, 5464, 5423, 5319, 5360, 5649, 5723, 5402, 5584, 5632, 5500, 5272, 5438, 5412, 5436, 5299, 5432, 5441, 5577, 5274, 5426, 5303, 5427, 5466, 5564, 5442, 5477, 5495, 5366, 5270, 5446, 5482, 5390, 5491, 5379, 5413, 5629, 5631, 5561, 5363, 5661, 5518, 5409, 5418, 5476, 5260, 5467, 5545, 5554, 5352, 5332, 5540, 5301, 5568, 5656, 5701, 5615, 5458, 5350, 5314, 5648, 5616, 5331, 5726, 5689, 5293, 5708, 5571, 5430, 5688, 5593, 5483, 5722 (7 hits)
19	9	1.0	333.0	Yes	5287.0MHz, -63.0dBm	Hop sequence: 5387, 5456, 5655, 5367, 5417, 5327, 5290, 5272, 5441, 5479, 5517, 5574, 5653, 5493, 5533, 5614, 5284, 5428, 5414, 5291, 5636, 5500, 5359, 5658, 5462, 5666, 5643, 5527, 5480, 5687, 5452, 5593, 5561, 5582, 5581, 5442, 5362, 5353, 5368, 5608, 5704, 5300, 5427, 5429, 5612, 5294, 5302, 5526, 5487, 5448, 5525, 5505, 5384, 5310, 5642, 5726, 5463, 5570, 5423, 5343, 5466, 5536, 5269, 5381, 5723, 5460, 5401, 5711, 5713, 5507, 5335, 5535, 5431, 5341, 5565, 5388, 5683, 5446, 5589, 5483, 5491, 5495, 5321, 5285, 5328, 5586, 5364, 5282, 5519, 5326, 5324, 5717, 5385, 5451, 5363, 5320, 5484, 5580, 5471, 5616 (5

Table 164 - FCC frequency hopping radar (Type 6) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)

						hits)
20	9	1.0	333.0	Yes	5289.2MHz, -63.0dBm	Hop sequence: 5531, 5388, 5657, 5584, 5536, 5338, 5394, 5282, 5336, 5522, 5634, 5492, 5694, 5487, 5660, 5675, 5378, 5471, 5511, 5462, 5574, 5342, 5476, 5691, 5590, 5567, 5258, 5681, 5609, 5603, 5385, 5551, 5265, 5606, 5464, 5347, 5515, 5437, 5600, 5384, 5257, 5313, 5555, 5373, 5474, 5488, 5506, 5708, 5374, 5285, 5622, 5712, 5386, 5403, 5290, 5271, 5400, 5529, 5335, 5601, 5319, 5697, 5418, 5337, 5268, 5444, 5311, 5439, 5328, 5581, 5431, 5642, 5361, 5719, 5441, 5620, 5291, 5344, 5277, 5533, 5358, 5484, 5592, 5456, 5526, 5652, 5673, 5406, 5465, 5684, 5520, 5690, 5413, 5631, 5653, 5485, 5368, 5303, 5427, 5667 (8 hits)
21	9	1.0	333.0	Yes	5250.8MHz, -63.0dBm	Hop sequence: 5455, 5547, 5305, 5524, 5368, 5357, 5297, 5651, 5430, 5417, 5358, 5684, 5484, 5711, 5502, 5265, 5534, 5354, 5276, 5537, 5719, 5442, 5301, 5250, 5267, 5290, 5568, 5413, 5275, 5575, 5412, 5631, 5629, 5642, 5402, 5260, 5540, 5517, 5486, 5516, 5370, 5723, 5675, 5432, 5473, 5453, 5571, 5559, 5356, 5457, 5533, 5397, 5437, 5542, 5296, 5274, 5439, 5527, 5318, 5294, 5509, 5392, 5415, 5433, 5273, 5291, 5674, 5482, 5281, 5406, 5518, 5447, 5347, 5677, 5466, 5698, 5620, 5653, 5361, 5304, 5647, 5339, 5266, 5606, 5353, 5407, 5638, 5570, 5632, 5544, 5283, 5374, 5285, 5588, 5619, 5504, 5589, 5315, 5565, 5617 (11 hits)
22	9	1.0	333.0	Yes	5254.3MHz, -63.0dBm	Hop sequence: 5335, 5408, 5349, 5426, 5599, 5559, 5376, 5295, 5417, 5433, 5614, 5321, 5598, 5359, 5692, 5711, 5625, 5669, 5630, 5323, 5289, 5319, 5629, 5357, 5526, 5681, 5260, 5623, 5646, 5631, 5385, 5672, 5370, 5492, 5381, 5405, 5253, 5694, 5707, 5287, 5336, 5312, 5430, 5458, 5428, 5301, 5353, 5674, 5279, 5687, 5440, 5254, 5717, 5531, 5283, 5266, 5344, 5643, 5354, 5387, 5700, 5577, 5462, 5432, 5567, 5465, 5697, 5627, 5328, 5316, 5469, 5480, 5568, 5507, 5502, 5608, 5576, 5725, 5422, 5404, 5716, 5380, 5327, 5369, 5636, 5709, 5491, 5360, 5667, 5632, 5660, 5435, 5713, 5640, 5525, 5633, 5256, 5612, 5320, 5566 (9 hits)
23	9	1.0	333.0	Yes	5259.9MHz, -63.0dBm	Hop sequence: 5490, 5530, 5326, 5292, 5348, 5613, 5452, 5410, 5572, 5655, 5643, 5726, 5375, 5444, 5406, 5563, 5548, 5689, 5553, 5580, 5308, 5287, 5476, 5321, 5436, 5446, 5722, 5371, 5370, 5373, 5278, 5431, 5675, 5569, 5606, 5433, 5628, 5593, 5379, 5511, 5432, 5692, 5638, 5723, 5260, 5501, 5461, 5284, 5713, 5504, 5612, 5368, 5552, 5283, 5421, 5487, 5415, 5263, 5384, 5418, 5378, 5438, 5607, 5359, 5594, 5337, 5499, 5473, 5400, 5573, 5332, 5408, 5430, 5286, 5502, 5339, 5280, 5589, 5576, 5364, 5507, 5459, 5305, 5636, 5317,

Table 164 - FCC frequency hopping radar (Type 6) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
						5302, 5664, 5479, 5536, 5353, 5604, 5306, 5314, 5571, 5363, 5561, 5583, 5644, 5483, 5575 (8 hits)
24	9	1.0	333.0	Yes	5264.0MHz, -63.0dBm	Hop sequence: 5552, 5713, 5298, 5395, 5574, 5597, 5723, 5353, 5336, 5308, 5488, 5421, 5710, 5403, 5371, 5725, 5477, 5506, 5320, 5460, 5512, 5679, 5448, 5392, 5627, 5658, 5479, 5314, 5579, 5295, 5302, 5355, 5528, 5503, 5410, 5581, 5544, 5553, 5280, 5384, 5288, 5615, 5406, 5283, 5603, 5348, 5642, 5691, 5628, 5611, 5543, 5255, 5269, 5297, 5330, 5583, 5594, 5715, 5449, 5670, 5309, 5689, 5333, 5537, 5719, 5457, 5576, 5338, 5342, 5272, 5268, 5315, 5277, 5577, 5562, 5319, 5450, 5385, 5271, 5532, 5533, 5518, 5474, 5657, 5263, 5464, 5700, 5696, 5374, 5526, 5496, 5340, 5536, 5592, 5610, 5565, 5648, 5687, 5368, 5585 (10 hits)
25	9	1.0	333.0	Yes	5266.5MHz, -63.0dBm	Hop sequence: 5606, 5335, 5680, 5513, 5436, 5397, 5373, 5583, 5724, 5281, 5467, 5521, 5605, 5260, 5501, 5273, 5299, 5420, 5481, 5363, 5625, 5435, 5378, 5486, 5600, 5333, 5558, 5448, 5458, 5610, 5445, 5272, 5410, 5679, 5492, 5631, 5533, 5523, 5415, 5470, 5429, 5379, 5464, 5370, 5329, 5450, 5293, 5504, 5491, 5376, 5519, 5414, 5710, 5552, 5502, 5699, 5574, 5308, 5468, 5320, 5697, 5549, 5314, 5296, 5670, 5463, 5391, 5330, 5371, 5698, 5357, 5374, 5642, 5451, 5602, 5398, 5283, 5284, 5475, 5690, 5668, 5573, 5423, 5479, 5510, 5322, 5437, 5703, 5592, 5546, 5387, 5626, 5384, 5585, 5708, 5561, 5499, 5319, 5656, 5383 (6 hits)
26	9	1.0	333.0	Yes	5270.9MHz, -63.0dBm	Hop sequence: 5328, 5380, 5674, 5594, 5258, 5550, 5282, 5588, 5725, 5536, 5573, 5332, 5565, 5583, 5595, 5378, 5579, 5390, 5571, 5302, 5255, 5480, 5436, 5493, 5303, 5636, 5450, 5665, 5394, 5539, 5387, 5457, 5631, 5369, 5350, 5628, 5420, 5371, 5464, 5495, 5425, 5707, 5621, 5264, 5251, 5638, 5325, 5523, 5384, 5661, 5414, 5545, 5334, 5490, 5633, 5708, 5460, 5556, 5499, 5416, 5269, 5689, 5563, 5391, 5542, 5435, 5592, 5293, 5429, 5510, 5487, 5602, 5613, 5461, 5720, 5398, 5295, 5593, 5653, 5281, 5361, 5421, 5699, 5644, 5690, 5306, 5312, 5266, 5500, 5679, 5655, 5327, 5706, 5360, 5471, 5446, 5649, 5256, 5459, 5367 (9 hits)
27	9	1.0	333.0	Yes	5273.7MHz, -63.0dBm	Hop sequence: 5358, 5376, 5623, 5351, 5513, 5415, 5663, 5266, 5356, 5553, 5457, 5343, 5279, 5276, 5288, 5547, 5280, 5596, 5403, 5668, 5645, 5532, 5294, 5557, 5621, 5307, 5670, 5599, 5676, 5545, 5517, 5556, 5379, 5608, 5464, 5534, 5615, 5607, 5585, 5444, 5558, 5370, 5476, 5609, 5530, 5400, 5436, 5469, 5489, 5364, 5567, 5369, 5563, 5504, 5527, 5580, 5458, 5451, 5361, 5315, 5325,

Table 164 - FCC frequency hopping radar (Type 6) Results 40 MHz Tri Radio (Operating channel 5270 MHz, channel 52+)						
						5396, 5665, 5353, 5344, 5590, 5568, 5449, 5639, 5616, 5523, 5319, 5397, 5297, 5630, 5522, 5478, 5268, 5583, 5681, 5286, 5366, 5450, 5664, 5690, 5465, 5468, 5552, 5289, 5672, 5605, 5721, 5406, 5526, 5506, 5432, 5604, 5420, 5543, 5419 (8 hits)
28	9	1.0	333.0	Yes	5279.0MHz, -63.0dBm	Hop sequence: 5343, 5679, 5347, 5364, 5401, 5517, 5636, 5682, 5357, 5492, 5511, 5631, 5327, 5539, 5464, 5684, 5693, 5574, 5489, 5482, 5453, 5500, 5265, 5544, 5588, 5712, 5297, 5266, 5403, 5277, 5259, 5495, 5531, 5670, 5448, 5668, 5302, 5432, 5369, 5443, 5656, 5430, 5415, 5304, 5358, 5532, 5395, 5676, 5310, 5261, 5598, 5525, 5551, 5702, 5384, 5285, 5459, 5355, 5696, 5284, 5386, 5252, 5438, 5559, 5580, 5251, 5417, 5529, 5611, 5311, 5612, 5368, 5623, 5468, 5567, 5478, 5450, 5549, 5537, 5422, 5487, 5404, 5541, 5451, 5440, 5513, 5701, 5331, 5510, 5587, 5498, 5372, 5592, 5622, 5528, 5452, 5280, 5390, 5320, 5526 (10 hits)
29	9	1.0	333.0	Yes	5281.7MHz, -63.0dBm	Hop sequence: 5450, 5367, 5453, 5360, 5624, 5592, 5620, 5381, 5466, 5407, 5298, 5657, 5663, 5423, 5485, 5397, 5723, 5563, 5273, 5351, 5432, 5428, 5547, 5332, 5632, 5583, 5347, 5302, 5363, 5434, 5585, 5277, 5517, 5445, 5412, 5424, 5596, 5662, 5681, 5521, 5409, 5569, 5694, 5431, 5470, 5561, 5391, 5421, 5609, 5705, 5385, 5556, 5398, 5365, 5495, 5501, 5284, 5591, 5519, 5376, 5619, 5601, 5557, 5571, 5677, 5661, 5671, 5714, 5539, 5599, 5676, 5543, 5440, 5696, 5678, 5559, 5305, 5652, 5590, 5722, 5510, 5313, 5311, 5307, 5449, 5479, 5415, 5446, 5394, 5278, 5319, 5626, 5349, 5308, 5406, 5697, 5666, 5465, 5430, 5514 (4 hits)
30	9	1.0	333.0	Yes	5286.5MHz, -63.0dBm	Hop sequence: 5575, 5599, 5518, 5342, 5512, 5251, 5380, 5263, 5418, 5722, 5364, 5349, 5440, 5673, 5676, 5563, 5611, 5696, 5713, 5540, 5495, 5497, 5472, 5620, 5636, 5431, 5340, 5347, 5324, 5351, 5564, 5253, 5395, 5336, 5524, 5442, 5345, 5404, 5602, 5402, 5328, 5458, 5334, 5720, 5331, 5594, 5264, 5423, 5392, 5358, 5535, 5678, 5705, 5716, 5322, 5401, 5432, 5325, 5272, 5498, 5693, 5547, 5577, 5616, 5285, 5452, 5583, 5357, 5366, 5333, 5291, 5435, 5581, 5600, 5267, 5555, 5353, 5276, 5568, 5405, 5546, 5307, 5615, 5537, 5531, 5463, 5499, 5294, 5619, 5679, 5559, 5514, 5709, 5672, 5412, 5565, 5717, 5544, 5617, 5484 (8 hits)

Table 165 - FCC Short Pulse Radar (Type 1A) Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	83	1.0	638.0	Yes	5510.0MHz,-63.0dBm	Single burst
2	57	1.0	938.0	Yes	5512.1MHz,-63.0dBm	Single burst
3	95	1.0	558.0	Yes	5519.1MHz,-63.0dBm	Single burst
4	65	1.0	818.0	Yes	5520.8MHz,-63.0dBm	Single burst
5	86	1.0	618.0	Yes	5526.6MHz,-63.0dBm	Single burst
6	99	1.0	538.0	Yes	5527.6MHz,-63.0dBm	Single burst
7	102	1.0	518.0	Yes	5529.4MHz,-63.0dBm	Single burst
8	70	1.0	758.0	Yes	5490.6MHz,-63.0dBm	Single burst
9	78	1.0	678.0	Yes	5491.2MHz,-63.0dBm	Single burst
10	81	1.0	658.0	Yes	5495.1MHz,-63.0dBm	Single burst
11	74	1.0	718.0	No	5497.5MHz,-63.0dBm	Single burst
12	92	1.0	578.0	Yes	5497.5MHz,-63.0dBm	Single burst
13	62	1.0	858.0	Yes	5501.2MHz,-63.0dBm	Single burst
14	63	1.0	838.0	Yes	5505.1MHz,-63.0dBm	Single burst
15	89	1.0	598.0	Yes	5508.4MHz,-63.0dBm	Single burst

Table 166 - FCC Short Pulse Radar (Type 1B) Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	49	1.0	1092.0	Yes	5510.0MHz,-63.0dBm	Single burst
2	19	1.0	2814.0	Yes	5514.1MHz,-63.0dBm	Single burst
3	25	1.0	2175.0	Yes	5517.8MHz,-63.0dBm	Single burst
4	23	1.0	2330.0	Yes	5519.6MHz,-63.0dBm	Single burst
5	37	1.0	1429.0	Yes	5525.3MHz,-63.0dBm	Single burst
6	21	1.0	2556.0	Yes	5526.8MHz,-63.0dBm	Single burst
7	20	1.0	2722.0	Yes	5529.4MHz,-63.0dBm	Single burst
8	25	1.0	2115.0	Yes	5490.6MHz,-63.0dBm	Single burst
9	54	1.0	984.0	Yes	5492.4MHz,-63.0dBm	Single burst
10	18	1.0	3033.0	Yes	5497.3MHz,-63.0dBm	Single burst
11	18	1.0	3035.0	Yes	5501.9MHz,-63.0dBm	Single burst
12	25	1.0	2171.0	Yes	5504.8MHz,-63.0dBm	Single burst
13	27	1.0	2029.0	Yes	5510.4MHz,-63.0dBm	Single burst
14	41	1.0	1318.0	Yes	5514.5MHz,-63.0dBm	Single burst
15	26	1.0	2048.0	Yes	5519.6MHz,-63.0dBm	Single burst

Table 167 - FCC Short Pulse Radar (Type 2) Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	26	2.8	178.0	Yes	5510.0MHz,-63.0dBm	Single burst
2	23	3.9	222.0	Yes	5513.0MHz,-63.0dBm	Single burst
3	25	4.9	216.0	Yes	5516.7MHz,-63.0dBm	Single burst
4	25	3.5	208.0	Yes	5520.8MHz,-63.0dBm	Single burst
5	27	1.6	185.0	Yes	5526.4MHz,-63.0dBm	Single burst
6	28	2.2	165.0	Yes	5529.4MHz,-63.0dBm	Single burst
7	24	4.7	169.0	Yes	5490.6MHz,-63.0dBm	Single burst
8	25	4.2	224.0	Yes	5492.3MHz,-63.0dBm	Single burst
9	28	3.0	209.0	Yes	5497.8MHz,-63.0dBm	Single burst
10	24	2.2	184.0	Yes	5503.1MHz,-63.0dBm	Single burst
11	28	4.0	159.0	Yes	5504.5MHz,-63.0dBm	Single burst
12	29	4.5	206.0	Yes	5508.8MHz,-63.0dBm	Single burst
13	28	5.0	185.0	Yes	5514.2MHz,-63.0dBm	Single burst
14	26	4.7	161.0	Yes	5519.4MHz,-63.0dBm	Single burst
15	24	1.1	227.0	Yes	5524.7MHz,-63.0dBm	Single burst
16	26	1.3	219.0	Yes	5529.4MHz,-63.0dBm	Single burst
17	26	1.7	169.0	Yes	5490.6MHz,-63.0dBm	Single burst
18	26	1.5	199.0	Yes	5492.1MHz,-63.0dBm	Single burst
19	26	4.4	215.0	Yes	5496.2MHz,-63.0dBm	Single burst
20	23	3.8	200.0	Yes	5503.1MHz,-63.0dBm	Single burst
21	25	3.2	151.0	Yes	5506.4MHz,-63.0dBm	Single burst
22	28	4.4	211.0	Yes	5509.9MHz,-63.0dBm	Single burst
23	25	3.6	177.0	Yes	5511.2MHz,-63.0dBm	Single burst
24	26	3.1	220.0	Yes	5514.8MHz,-63.0dBm	Single burst
25	24	4.5	161.0	Yes	5520.4MHz,-63.0dBm	Single burst
26	28	4.7	228.0	Yes	5525.3MHz,-63.0dBm	Single burst
27	26	4.1	194.0	Yes	5528.4MHz,-63.0dBm	Single burst
28	25	4.2	155.0	Yes	5529.4MHz,-63.0dBm	Single burst
29	23	1.1	216.0	Yes	5490.6MHz,-63.0dBm	Single burst
30	24	1.8	202.0	Yes	5493.3MHz,-63.0dBm	Single burst

Table 168 - FCC Short Pulse Radar (Type 3) Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	17	7.2	287.0	Yes	5510.0MHz,-63.0dBm	Single burst
2	17	7.7	301.0	Yes	5511.1MHz,-63.0dBm	Single burst
3	16	8.2	255.0	Yes	5513.1MHz,-63.0dBm	Single burst
4	17	9.0	494.0	Yes	5519.0MHz,-63.0dBm	Single burst
5	17	9.4	251.0	Yes	5523.5MHz,-63.0dBm	Single burst
6	18	8.9	412.0	Yes	5527.4MHz,-63.0dBm	Single burst
7	17	6.8	465.0	Yes	5529.4MHz,-63.0dBm	Single burst
8	17	7.2	217.0	Yes	5490.6MHz,-63.0dBm	Single burst
9	18	7.8	384.0	Yes	5491.7MHz,-63.0dBm	Single burst
10	17	8.3	336.0	Yes	5492.8MHz,-63.0dBm	Single burst
11	18	7.2	464.0	Yes	5497.4MHz,-63.0dBm	Single burst
12	17	9.7	486.0	Yes	5501.1MHz,-63.0dBm	Single burst
13	18	7.3	408.0	Yes	5504.8MHz,-63.0dBm	Single burst
14	18	7.3	382.0	Yes	5507.1MHz,-63.0dBm	Single burst
15	17	8.9	297.0	Yes	5512.8MHz,-63.0dBm	Single burst
16	18	8.1	399.0	Yes	5516.8MHz,-63.0dBm	Single burst
17	17	8.0	318.0	Yes	5522.5MHz,-63.0dBm	Single burst
18	16	6.5	484.0	Yes	5524.0MHz,-63.0dBm	Single burst
19	17	9.1	409.0	Yes	5525.9MHz,-63.0dBm	Single burst
20	18	6.9	219.0	Yes	5529.4MHz,-63.0dBm	Single burst
21	17	6.7	202.0	Yes	5490.6MHz,-63.0dBm	Single burst
22	17	7.4	441.0	Yes	5491.5MHz,-63.0dBm	Single burst
23	17	6.4	325.0	Yes	5495.7MHz,-63.0dBm	Single burst
24	16	7.5	275.0	Yes	5502.5MHz,-63.0dBm	Single burst
25	17	6.3	277.0	Yes	5503.9MHz,-63.0dBm	Single burst
26	16	6.6	439.0	Yes	5510.1MHz,-63.0dBm	Single burst
27	16	8.0	212.0	Yes	5514.7MHz,-63.0dBm	Single burst
28	16	9.9	312.0	Yes	5521.5MHz,-63.0dBm	Single burst
29	17	7.4	436.0	Yes	5527.7MHz,-63.0dBm	Single burst
30	18	6.2	347.0	Yes	5529.4MHz,-63.0dBm	Single burst

Table 169 - FCC Short Pulse Radar (Type 4) Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	15	16.1	476.0	Yes	5510.0MHz,-63.0dBm	Single burst
2	15	16.7	466.0	Yes	5511.1MHz,-63.0dBm	Single burst
3	13	19.4	452.0	Yes	5512.8MHz,-63.0dBm	Single burst
4	15	16.0	253.0	Yes	5517.4MHz,-63.0dBm	Single burst
5	15	11.8	236.0	Yes	5521.7MHz,-63.0dBm	Single burst
6	15	12.2	457.0	Yes	5525.4MHz,-63.0dBm	Single burst
7	15	11.2	220.0	Yes	5529.1MHz,-63.0dBm	Single burst
8	13	16.8	374.0	Yes	5529.4MHz,-63.0dBm	Single burst
9	14	12.9	372.0	Yes	5490.6MHz,-63.0dBm	Single burst
10	13	13.9	332.0	Yes	5492.0MHz,-63.0dBm	Single burst
11	14	12.8	311.0	Yes	5494.1MHz,-63.0dBm	Single burst
12	12	18.3	463.0	Yes	5496.2MHz,-63.0dBm	Single burst
13	14	18.1	297.0	Yes	5498.7MHz,-63.0dBm	Single burst
14	15	17.1	423.0	Yes	5503.5MHz,-63.0dBm	Single burst
15	12	15.7	208.0	Yes	5507.0MHz,-63.0dBm	Single burst
16	12	13.4	314.0	Yes	5508.7MHz,-63.0dBm	Single burst
17	13	14.5	371.0	Yes	5513.4MHz,-63.0dBm	Single burst
18	15	13.5	276.0	Yes	5516.2MHz,-63.0dBm	Single burst
19	14	11.5	396.0	Yes	5520.3MHz,-63.0dBm	Single burst
20	14	14.5	429.0	Yes	5524.8MHz,-63.0dBm	Single burst
21	16	13.1	326.0	Yes	5526.3MHz,-63.0dBm	Single burst
22	15	12.1	278.0	Yes	5529.4MHz,-63.0dBm	Single burst
23	15	11.6	353.0	Yes	5490.6MHz,-63.0dBm	Single burst
24	13	14.9	440.0	Yes	5492.5MHz,-63.0dBm	Single burst
25	14	16.7	301.0	Yes	5496.3MHz,-63.0dBm	Single burst
26	12	14.6	281.0	Yes	5500.8MHz,-63.0dBm	Single burst
27	16	16.8	208.0	Yes	5502.9MHz,-63.0dBm	Single burst
28	13	17.3	244.0	Yes	5507.8MHz,-63.0dBm	Single burst
29	15	12.2	257.0	Yes	5512.1MHz,-63.0dBm	Single burst
30	14	11.3	274.0	Yes	5515.7MHz,-63.0dBm	Single burst

Table 170 - FCC Long Pulse Radar Summary 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
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	5494.9MHz,-63.0dBm
Trial #12	Detected	5492.6MHz,-63.0dBm
Trial #13	Detected	5498.1MHz,-63.0dBm
Trial #14	Detected	5497.8MHz,-63.0dBm
Trial #15	Detected	5494.9MHz,-63.0dBm
Trial #16	Detected	5493.4MHz,-63.0dBm
Trial #17	Detected	5496.9MHz,-63.0dBm
Trial #18	Detected	5496.1MHz,-63.0dBm
Trial #19	Detected	5495.8MHz,-63.0dBm
Trial #20	Detected	5494.6MHz,-63.0dBm
Trial #21	Detected	5521.4MHz,-63.0dBm
Trial #22	Detected	5522.6MHz,-63.0dBm
Trial #23	Detected	5523.4MHz,-63.0dBm
Trial #24	NOT Detected	5523.9MHz,-63.0dBm
Trial #25	Detected	5526.6MHz,-63.0dBm
Trial #26	Detected	5525.4MHz,-63.0dBm
Trial #27	Detected	5522.6MHz,-63.0dBm
Trial #28	Detected	5524.2MHz,-63.0dBm
Trial #29	Detected	5524.2MHz,-63.0dBm
Trial #30	Detected	5527.4MHz,-63.0dBm

Table 171 - FCC Long Pulse Radar Trial#1 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.1	14	1701.0	-	0.004116
2	2	74.9	14	1931.0	-	1.164204
3	1	87.7	14	-	-	1.837794
4	3	59.3	14	1516.0	1494.0	2.477642
5	2	55.7	14	1479.0	-	3.272433
6	1	96.4	14	-	-	3.534824
7	3	57.5	14	1258.0	1490.0	4.481290
8	2	97.8	14	1853.0	-	5.596794
9	3	86.9	14	1335.0	1676.0	6.140036
10	3	55.2	14	1010.0	1799.0	6.593668
11	3	84.4	14	1281.0	1643.0	7.565195
12	2	67.9	14	1963.0	-	8.155703
13	3	69.3	14	1395.0	1047.0	8.679232
14	2	66.2	14	1951.0	-	9.234145
15	2	95.6	14	1981.0	-	10.406690
16	2	80.5	14	1027.0	-	10.894530
17	1	93.4	14	-	-	11.635540

Table 172 - FCC Long Pulse Radar Trial#2 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	97.6	13	1355.0	-	0.415705
2	3	52.7	13	1184.0	1698.0	1.044067
3	3	98.4	13	1440.0	1536.0	1.914334
4	2	54.8	13	1224.0	-	2.774205
5	3	98.5	13	1944.0	1029.0	2.837726
6	2	94.8	13	1373.0	-	3.943299
7	2	95.0	13	1651.0	-	4.529340
8	3	90.2	13	1989.0	1807.0	5.243583
9	2	53.9	13	1711.0	-	6.015890
10	2	85.9	13	1594.0	-	7.030197
11	2	86.5	13	1773.0	-	7.097776
12	2	72.5	13	1718.0	-	8.053642
13	2	58.0	13	1582.0	-	8.798006
14	3	55.4	13	1172.0	1522.0	9.489413
15	2	78.2	13	1808.0	-	10.249543
16	2	62.2	13	1851.0	-	11.225430
17	2	82.0	13	1019.0	-	11.482187

Table 173 - FCC Long Pulse Radar Trial#3 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	52.0	15	1816.0	1606.0	1.278674
2	2	59.1	15	1926.0	-	2.297614
3	2	90.8	15	1068.0	-	3.195445
4	3	63.7	15	1313.0	1360.0	4.265752
5	2	99.4	15	1296.0	-	6.201278
6	2	59.4	15	1421.0	-	6.744868
7	3	83.5	15	1801.0	1179.0	8.395591
8	2	63.9	15	1114.0	-	10.218034
9	2	73.5	15	1418.0	-	10.881244

Table 174 - FCC Long Pulse Radar Trial#4 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	73.7	5	1029.0	1022.0	0.627435
2	2	78.4	5	1840.0	-	0.682250
3	2	84.2	5	1141.0	-	1.404505
4	1	90.5	5	-	-	2.429839
5	2	99.1	5	1562.0	-	3.322100
6	3	66.6	5	1383.0	1335.0	3.755399
7	2	75.6	5	1127.0	-	4.183299
8	3	62.5	5	1544.0	1777.0	5.314625
9	1	51.4	5	-	-	5.762157
10	1	58.8	5	-	-	6.431347
11	1	53.5	5	-	-	7.241564
12	1	99.2	5	-	-	7.701158
13	1	60.6	5	-	-	8.603639
14	1	94.5	5	-	-	8.861917
15	3	65.3	5	1560.0	1704.0	9.797298
16	2	94.4	5	1684.0	-	10.440571
17	3	70.6	5	1063.0	1096.0	10.898730
18	2	65.3	5	1357.0	-	11.395953

Table 175 - FCC Long Pulse Radar Trial#5 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	57.8	19	-	-	0.819914
2	2	81.0	19	1603.0	-	1.848162
3	3	74.8	19	1728.0	1203.0	3.776702
4	2	83.6	19	1719.0	-	4.006469
5	3	64.1	19	1976.0	1436.0	6.026839
6	1	52.4	19	-	-	7.719269
7	2	96.9	19	1852.0	-	8.318440
8	3	56.2	19	1738.0	1707.0	9.681194
9	2	62.6	19	1092.0	-	10.758967

Table 176 - FCC Long Pulse Radar Trial#6 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	86.0	7	-	-	0.405871
2	2	86.5	7	1903.0	-	1.215554
3	3	74.5	7	1663.0	1346.0	1.908647
4	1	73.6	7	-	-	2.907872
5	3	51.5	7	1593.0	1504.0	3.641481
6	2	62.5	7	1001.0	-	4.105889
7	3	78.8	7	1423.0	1669.0	5.548965
8	1	59.8	7	-	-	5.970620
9	2	73.8	7	1539.0	-	6.482003
10	1	51.9	7	-	-	7.317347
11	1	78.0	7	-	-	8.118805
12	2	80.1	7	1312.0	-	9.563134
13	1	76.9	7	-	-	10.384692
14	1	95.1	7	-	-	10.403741
15	2	50.4	7	1336.0	-	11.732447

Table 177 - FCC Long Pulse Radar Trial#7 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	68.9	17	1122.0	-	0.697279
2	2	96.1	17	1954.0	-	1.350137
3	3	62.1	17	1415.0	1284.0	2.478309
4	2	52.2	17	1088.0	-	3.009810
5	2	98.7	17	1065.0	-	3.531690
6	3	68.2	17	1090.0	1323.0	4.428459
7	1	89.5	17	-	-	5.884066
8	3	79.3	17	1326.0	1204.0	6.834025
9	1	77.9	17	-	-	7.592059
10	2	78.3	17	1465.0	-	8.087213
11	2	90.2	17	1126.0	-	9.412723
12	2	74.2	17	1646.0	-	9.705146
13	1	56.2	17	-	-	11.008324
14	2	53.0	17	1880.0	-	11.412050

Table 178 - FCC Long Pulse Radar Trial#8 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	65.3	5	1258.0	1626.0	0.223349
2	2	71.6	5	1016.0	-	1.713376
3	3	64.7	5	1684.0	1901.0	2.486096
4	1	91.0	5	-	-	3.123705
5	1	96.3	5	-	-	4.236672
6	1	57.9	5	-	-	5.392027
7	2	67.5	5	1759.0	-	6.587622
8	3	67.9	5	1211.0	1245.0	7.483640
9	3	99.5	5	1416.0	1935.0	8.091757
10	1	92.4	5	-	-	9.749904
11	1	98.5	5	-	-	10.768913
12	1	54.7	5	-	-	11.072693

Table 179 - FCC Long Pulse Radar Trial#9 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	55.1	13	1585.0	1526.0	0.113570
2	2	74.6	13	1247.0	-	1.358610
3	2	85.0	13	1489.0	-	2.023514
4	2	87.7	13	1649.0	-	2.956567
5	3	76.5	13	1873.0	1605.0	3.455890
6	2	53.4	13	1867.0	-	4.028369
7	2	83.7	13	1980.0	-	5.537385
8	2	57.0	13	1154.0	-	5.641242
9	3	51.3	13	1418.0	1570.0	7.117002
10	1	56.3	13	-	-	7.840151
11	2	99.9	13	1720.0	-	8.502479
12	2	78.9	13	1109.0	-	9.129260
13	3	83.2	13	1394.0	1756.0	10.030137
14	2	77.6	13	1321.0	-	10.580939
15	2	76.1	13	1318.0	-	11.670349

Table 180 - FCC Long Pulse Radar Trial#10 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	73.7	8	-	-	0.074541
2	1	74.4	8	-	-	1.208078
3	2	96.4	8	1545.0	-	1.535333
4	1	84.9	8	-	-	2.290413
5	3	62.4	8	1572.0	1962.0	2.813275
6	2	68.6	8	1342.0	-	3.678157
7	3	89.4	8	1366.0	1190.0	4.288906
8	1	71.6	8	-	-	4.580770
9	2	88.6	8	1649.0	-	5.508848
10	2	76.7	8	1087.0	-	6.180620
11	2	59.7	8	1008.0	-	6.404561
12	2	56.2	8	1632.0	-	7.078335
13	2	80.2	8	1870.0	-	8.011483
14	3	92.6	8	1769.0	1529.0	8.232282
15	3	64.0	8	1878.0	1156.0	9.173139
16	3	79.4	8	1623.0	1887.0	9.773390
17	1	52.8	8	-	-	10.635596
18	1	58.2	8	-	-	10.787931
19	1	90.0	8	-	-	11.672791

Table 181 - FCC Long Pulse Radar Trial#11 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	69.4	11	1761.0	-	1.177427
2	2	58.7	11	1477.0	-	2.504276
3	2	77.8	11	1969.0	-	3.191747
4	3	84.2	11	1920.0	1088.0	5.149992
5	2	70.4	11	1299.0	-	7.049792
6	3	69.8	11	1152.0	1945.0	7.876581
7	1	93.7	11	-	-	9.524470
8	2	96.9	11	1711.0	-	11.794307

Table 182 - FCC Long Pulse Radar Trial#12 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	50.8	5	1107.0	-	0.285504
2	2	93.0	5	1400.0	-	1.027603
3	3	87.5	5	1126.0	1873.0	1.330609
4	3	84.4	5	1140.0	1806.0	2.292087
5	2	84.1	5	1185.0	-	2.800838
6	1	94.1	5	-	-	3.120649
7	1	57.0	5	-	-	3.700577
8	1	65.4	5	-	-	4.472637
9	1	74.7	5	-	-	4.839443
10	1	91.6	5	-	-	5.774536
11	2	56.4	5	1642.0	-	6.011957
12	2	76.9	5	1227.0	-	6.977821
13	2	91.3	5	1229.0	-	7.446855
14	3	63.4	5	1960.0	1506.0	8.136484
15	1	96.9	5	-	-	8.808583
16	2	75.6	5	1110.0	-	9.444141
17	2	54.3	5	2000.0	-	9.822585
18	3	61.4	5	1470.0	1687.0	10.414043
19	3	87.6	5	1509.0	1922.0	11.107596
20	2	53.3	5	1280.0	-	11.594153

Table 183 - FCC Long Pulse Radar Trial#13 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	77.4	19	1865.0	-	0.132683
2	3	91.7	19	1518.0	1583.0	0.686626
3	1	84.6	19	-	-	1.338055
4	1	52.3	19	-	-	2.200047
5	1	72.5	19	-	-	2.851151
6	2	98.4	19	1777.0	-	3.560158
7	2	76.5	19	1658.0	-	4.370091
8	2	88.1	19	1485.0	-	4.423539
9	1	96.8	19	-	-	5.519759
10	2	56.1	19	1585.0	-	5.911341
11	2	91.0	19	1397.0	-	6.915290
12	2	73.2	19	1437.0	-	6.981996
13	3	62.5	19	1881.0	1361.0	8.032708
14	3	54.2	19	1079.0	1950.0	8.784788
15	3	65.3	19	1237.0	1747.0	9.112327
16	3	77.5	19	1569.0	1036.0	9.716570
17	3	66.1	19	1607.0	1028.0	10.165662
18	3	81.9	19	1417.0	1492.0	11.052481
19	2	53.9	19	1131.0	-	11.697412

Table 184 - FCC Long Pulse Radar Trial#14 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	88.0	18	1825.0	-	0.774729
2	2	81.7	18	1986.0	-	1.676605
3	1	69.9	18	-	-	2.189137
4	2	69.9	18	1833.0	-	3.578778
5	3	59.7	18	1032.0	1580.0	4.506115
6	1	54.0	18	-	-	4.870124
7	2	94.9	18	1131.0	-	5.852152
8	3	70.0	18	1620.0	1947.0	6.628601
9	2	61.3	18	1947.0	-	7.965939
10	1	64.3	18	-	-	8.415943
11	1	66.1	18	-	-	9.886028
12	2	54.8	18	1048.0	-	10.911977
13	3	67.4	18	1652.0	1617.0	11.868168

Table 185 - FCC Long Pulse Radar Trial#15 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	86.8	11	1070.0	-	0.304776
2	2	68.8	11	1834.0	-	1.173770
3	2	54.8	11	1856.0	-	1.673721
4	2	91.8	11	1543.0	-	2.545989
5	3	57.2	11	1753.0	1203.0	2.953073
6	2	73.9	11	1882.0	-	3.980552
7	2	51.4	11	1931.0	-	4.645214
8	1	54.8	11	-	-	5.316638
9	2	91.1	11	1073.0	-	5.453981
10	1	98.1	11	-	-	6.227284
11	1	84.7	11	-	-	7.073675
12	1	86.3	11	-	-	7.516638
13	2	76.4	11	1293.0	-	8.464131
14	1	66.9	11	-	-	9.151384
15	2	98.2	11	1870.0	-	9.843750
16	2	94.2	11	1667.0	-	10.284607
17	2	76.0	11	1752.0	-	10.970882
18	3	96.2	11	1434.0	1963.0	11.566101

Table 186 - FCC Long Pulse Radar Trial#16 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	92.1	7	1295.0	1800.0	0.330657
2	2	87.0	7	1431.0	-	1.320434
3	2	88.2	7	1592.0	-	1.910698
4	2	69.4	7	1297.0	-	2.295725
5	3	67.8	7	1345.0	1521.0	3.187101
6	1	92.0	7	-	-	3.831537
7	3	96.4	7	1105.0	1627.0	4.375909
8	2	77.5	7	1647.0	-	5.583780
9	3	89.9	7	1897.0	1033.0	5.911082
10	2	55.3	7	1749.0	-	7.044876
11	3	73.6	7	1118.0	1343.0	7.723558
12	1	83.7	7	-	-	7.849820
13	3	89.5	7	1403.0	1316.0	8.961931
14	3	66.4	7	1936.0	1554.0	9.465314
15	1	63.9	7	-	-	10.317737
16	2	60.3	7	1858.0	-	10.955591
17	2	95.4	7	1548.0	-	11.832427

Table 187 - FCC Long Pulse Radar Trial#17 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	85.5	16	1277.0	1493.0	0.683315
2	2	81.9	16	1347.0	-	1.359023
3	3	86.1	16	1633.0	1646.0	3.271301
4	1	74.5	16	-	-	3.740239
5	2	83.3	16	1701.0	-	5.593278
6	2	52.9	16	1043.0	-	6.534430
7	1	79.6	16	-	-	7.234146
8	2	99.2	16	1224.0	-	9.000149
9	3	93.3	16	1711.0	1063.0	9.739071
10	1	94.3	16	-	-	10.874050

Table 188 - FCC Long Pulse Radar Trial#18 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	98.3	14	-	-	0.422706
2	2	92.2	14	1467.0	-	0.731593
3	3	61.4	14	1827.0	1115.0	1.679986
4	2	56.6	14	1902.0	-	2.258718
5	2	93.9	14	1979.0	-	2.946700
6	2	92.0	14	1836.0	-	3.321770
7	2	95.3	14	1085.0	-	4.014542
8	3	75.5	14	1357.0	1558.0	4.505374
9	2	92.0	14	1095.0	-	5.232469
10	2	83.5	14	1508.0	-	5.981185
11	1	61.1	14	-	-	6.136453
12	2	79.9	14	1008.0	-	7.103115
13	1	62.2	14	-	-	7.732855
14	1	55.3	14	-	-	8.087237
15	1	82.4	14	-	-	8.794507
16	2	72.4	14	1444.0	-	9.045539
17	2	59.3	14	1460.0	-	10.001978
18	2	81.7	14	1419.0	-	10.356981
19	1	59.2	14	-	-	10.980153
20	1	66.8	14	-	-	11.587858

Table 189 - FCC Long Pulse Radar Trial#19 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	59.8	13	1306.0	-	0.461341
2	2	65.3	13	1330.0	-	1.329161
3	2	77.5	13	1784.0	-	2.310143
4	1	94.2	13	-	-	3.575545
5	1	53.5	13	-	-	4.328638
6	3	92.0	13	1679.0	1070.0	5.263698
7	3	80.5	13	1466.0	1729.0	6.884236
8	2	66.9	13	1504.0	-	7.135255
9	2	68.7	13	1291.0	-	8.213188
10	2	97.2	13	1218.0	-	9.628977
11	2	85.8	13	1075.0	-	10.364501
12	3	67.8	13	1682.0	1155.0	11.453399

Table 190 - FCC Long Pulse Radar Trial#20 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	96.9	10	1201.0	-	0.700147
2	2	99.9	10	1598.0	-	2.006557
3	2	70.3	10	1521.0	-	3.258103
4	3	76.8	10	1996.0	1253.0	3.959182
5	3	65.6	10	1214.0	1525.0	5.143513
6	1	84.3	10	-	-	7.022470
7	1	84.5	10	-	-	7.596006
8	2	52.6	10	1358.0	-	8.750350
9	3	93.8	10	1454.0	1546.0	10.622798
10	1	57.0	10	-	-	11.540858

Table 191 - FCC Long Pulse Radar Trial#21 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	91.1	20	1812.0	-	0.431369
2	2	77.8	20	1402.0	-	0.958940
3	3	59.0	20	1640.0	1433.0	1.666666
4	3	92.3	20	1080.0	1268.0	2.773883
5	1	61.6	20	-	-	3.197459
6	1	84.0	20	-	-	3.984364
7	3	58.5	20	1384.0	1647.0	4.754131
8	1	81.0	20	-	-	5.297631
9	3	65.9	20	1301.0	1360.0	6.682978
10	3	55.9	20	1863.0	1124.0	7.406063
11	2	66.4	20	1155.0	-	8.124457
12	1	99.7	20	-	-	8.664586
13	1	75.9	20	-	-	9.375610
14	2	61.3	20	1582.0	-	10.134396
15	1	73.0	20	-	-	10.968197
16	3	79.8	20	1246.0	1652.0	11.327091

Table 192 - FCC Long Pulse Radar Trial#22 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	56.9	17	-	-	0.066077
2	1	66.9	17	-	-	0.708554
3	2	81.5	17	1161.0	-	1.516520
4	2	75.6	17	1765.0	-	2.204137
5	2	65.4	17	1005.0	-	2.706674
6	2	54.8	17	1349.0	-	3.560432
7	3	90.2	17	1776.0	1153.0	3.990530
8	2	56.4	17	1127.0	-	4.876275
9	1	81.6	17	-	-	5.054485
10	2	64.7	17	1471.0	-	5.696899
11	1	79.9	17	-	-	6.846431
12	2	56.4	17	1278.0	-	6.987020
13	2	53.0	17	1930.0	-	7.974500
14	2	84.9	17	1242.0	-	8.219597
15	3	94.0	17	1065.0	1386.0	8.892101
16	1	50.7	17	-	-	10.033670
17	2	90.7	17	1806.0	-	10.531720
18	1	75.1	17	-	-	11.265393
19	1	82.1	17	-	-	11.385679

Table 193 - FCC Long Pulse Radar Trial#23 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	86.9	15	1436.0	-	0.784099
2	2	78.9	15	1755.0	-	1.566111
3	3	58.8	15	1133.0	1817.0	1.822195
4	1	51.5	15	-	-	3.060961
5	3	76.8	15	1163.0	1156.0	3.754554
6	2	57.6	15	1639.0	-	4.507041
7	1	92.6	15	-	-	5.359827
8	1	54.1	15	-	-	6.478727
9	1	62.2	15	-	-	7.615584
10	1	73.7	15	-	-	7.739811
11	2	72.7	15	1837.0	-	9.272112
12	1	63.8	15	-	-	9.903373
13	2	81.4	15	1700.0	-	10.769956
14	3	52.8	15	1958.0	1818.0	11.634368

Table 194 - FCC Long Pulse Radar Trial#24 (NOT Detected) 40 MHz Tri Radio (Zero Wait						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	87.3	14	-	-	0.649017
2	3	82.5	14	1470.0	1848.0	1.899062
3	2	91.5	14	1487.0	-	4.100977
4	1	58.8	14	-	-	4.687811
5	3	85.7	14	1932.0	1783.0	6.771660
6	2	74.9	14	1398.0	-	8.976539
7	1	96.6	14	-	-	10.299611
8	1	93.6	14	-	-	11.007930

Table 195 - FCC Long Pulse Radar Trial#25 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	93.2	7	1097.0	1477.0	0.105523
2	3	61.0	7	1091.0	1180.0	1.080753
3	3	71.9	7	1285.0	1392.0	1.921946
4	2	95.7	7	1143.0	-	2.589123
5	3	97.2	7	1279.0	1376.0	3.278415
6	2	60.6	7	1372.0	-	3.860559
7	1	90.7	7	-	-	4.579086
8	2	82.3	7	1136.0	-	5.263793
9	2	99.3	7	1934.0	-	6.145899
10	1	51.1	7	-	-	6.511858
11	2	50.6	7	1178.0	-	7.627749
12	2	93.5	7	1002.0	-	8.150852
13	2	73.4	7	1917.0	-	8.748565
14	3	74.4	7	1702.0	1508.0	9.622584
15	1	94.5	7	-	-	10.361788
16	3	82.9	7	1077.0	1625.0	10.686610
17	1	67.9	7	-	-	11.555048

Table 196 - FCC Long Pulse Radar Trial#26 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	69.9	10	1299.0	1893.0	0.520458
2	2	65.6	10	1402.0	-	1.877658
3	1	52.9	10	-	-	2.702125
4	2	92.9	10	1782.0	-	3.792703
5	2	70.0	10	1387.0	-	4.825868
6	2	59.4	10	1606.0	-	5.075682
7	2	90.3	10	1563.0	-	6.747073
8	1	66.5	10	-	-	7.792881
9	3	58.1	10	1899.0	1036.0	8.565976
10	3	55.0	10	1730.0	1950.0	9.856915
11	2	71.9	10	1134.0	-	10.702392
12	3	89.9	10	1128.0	1777.0	11.775818

Table 197 - FCC Long Pulse Radar Trial#27 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	97.5	17	1916.0	1876.0	0.830444
2	3	86.1	17	1172.0	1528.0	2.641347
3	2	55.8	17	1930.0	-	4.004469
4	2	63.5	17	1579.0	-	5.331589
5	2	52.3	17	1002.0	-	6.614058
6	1	66.9	17	-	-	8.414683
7	2	92.5	17	1887.0	-	9.202891
8	2	62.5	17	1941.0	-	11.532305

Table 198 - FCC Long Pulse Radar Trial#28 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	53.5	13	1742.0	-	0.773656
2	2	68.4	13	1953.0	-	1.528026
3	2	95.6	13	1706.0	-	3.112747
4	1	85.4	13	-	-	4.053022
5	3	91.2	13	1920.0	1876.0	5.057053
6	1	68.1	13	-	-	6.037066
7	2	85.0	13	1230.0	-	7.117259
8	2	99.3	13	1824.0	-	7.941466
9	3	85.3	13	1841.0	1837.0	9.366869
10	2	66.0	13	1285.0	-	10.421990
11	1	65.0	13	-	-	11.308920

Table 199 - FCC Long Pulse Radar Trial#29 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	58.7	13	1328.0	-	0.078935
2	3	62.1	13	1844.0	2000.0	1.949031
3	3	80.5	13	1795.0	1944.0	3.880759
4	3	69.3	13	1223.0	1703.0	4.202105
5	1	92.5	13	-	-	6.390612
6	2	53.8	13	1489.0	-	7.463614
7	2	97.7	13	1839.0	-	9.000062
8	3	93.4	13	1503.0	1777.0	9.986370
9	3	51.8	13	1250.0	1064.0	11.701526

Table 200 - FCC Long Pulse Radar Trial#30 (Detected) 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	89.3	5	1929.0	1270.0	0.310116
2	2	90.5	5	1236.0	-	1.573028
3	2	84.8	5	1029.0	-	1.745159
4	2	70.6	5	1215.0	-	2.830844
5	2	70.3	5	1538.0	-	3.457002
6	2	87.7	5	1578.0	-	4.585289
7	1	64.2	5	-	-	5.411623
8	1	96.8	5	-	-	5.985187
9	1	99.3	5	-	-	6.672099
10	2	69.9	5	1431.0	-	7.503906
11	1	57.4	5	-	-	8.492751
12	3	77.0	5	1709.0	1351.0	9.131005
13	1	95.6	5	-	-	9.973693
14	2	66.6	5	1872.0	-	10.912105
15	2	98.8	5	1059.0	-	11.980006

Table 201 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
1	9	1.0	333.0	Yes	5510.0MHz, -63.0dBm	Hop sequence: 5633, 5664, 5394, 5680, 5595, 5483, 5517, 5382, 5549, 5472, 5475, 5422, 5321, 5709, 5442, 5423, 5324, 5532, 5339, 5703, 5639, 5577, 5490, 5468, 5284, 5338, 5643, 5585, 5276, 5465, 5655, 5455, 5307, 5667, 5340, 5593, 5663, 5275, 5458, 5672, 5326, 5499, 5506, 5581, 5447, 5669, 5407, 5682, 5325, 5262, 5361, 5552, 5514, 5481, 5617, 5497, 5298, 5366, 5590, 5489, 5548, 5547, 5479, 5451, 5303, 5618, 5519, 5449, 5627, 5696, 5446, 5462, 5596, 5677, 5439, 5498, 5494, 5376, 5683, 5676, 5469, 5666, 5716, 5283, 5256, 5393, 5482, 5295, 5562, 5486, 5524, 5257, 5600, 5660, 5425, 5505, 5623, 5604, 5358, 5346 (10 hits)
2	9	1.0	333.0	Yes	5511.8MHz, -63.0dBm	Hop sequence: 5699, 5321, 5483, 5582, 5613, 5692, 5345, 5459, 5635, 5492, 5380, 5541, 5428, 5393, 5374, 5517, 5283, 5640, 5615, 5605, 5313, 5575, 5639, 5723, 5725, 5528, 5287, 5407, 5475, 5348, 5494, 5661, 5554, 5338, 5288, 5351, 5319, 5486, 5251, 5658, 5387, 5671, 5694, 5421, 5395, 5693, 5265, 5357, 5394, 5631, 5356, 5660, 5266, 5566, 5460, 5558, 5565, 5467, 5704, 5261, 5478, 5355, 5373, 5578, 5557, 5377, 5549, 5402, 5273, 5697, 5390, 5624, 5627, 5317, 5542, 5278, 5504, 5581, 5493, 5632, 5713, 5580, 5433, 5363, 5663, 5314, 5404, 5381, 5612, 5412, 5300, 5418, 5527, 5649, 5685, 5707, 5257, 5360, 5487, 5469 (7 hits)
3	9	1.0	333.0	Yes	5513.0MHz, -63.0dBm	Hop sequence: 5712, 5254, 5346, 5426, 5282, 5363, 5484, 5369, 5441, 5553, 5287, 5401, 5253, 5713, 5349, 5384, 5625, 5469, 5716, 5305, 5472, 5568, 5701, 5705, 5301, 5720, 5599, 5681, 5563, 5512, 5290, 5429, 5597, 5331, 5485, 5524, 5561, 5480, 5609, 5298, 5274, 5717, 5327, 5487, 5505, 5353, 5450, 5687, 5679, 5610, 5337, 5491, 5473, 5658, 5309, 5613, 5460, 5470, 5528, 5577, 5359, 5689, 5695, 5283, 5603, 5342, 5531, 5532, 5439, 5600, 5541, 5707, 5694, 5653, 5520, 5299, 5565, 5339, 5703, 5726, 5351, 5459, 5269, 5644, 5273, 5425, 5606, 5668, 5618, 5304, 5619, 5395, 5677, 5591, 5536, 5654, 5386, 5646, 5678, 5368 (6 hits)
4	9	1.0	333.0	Yes	5519.9MHz, -63.0dBm	Hop sequence: 5477, 5378, 5415, 5643, 5317, 5384, 5417, 5366, 5428, 5301, 5510, 5475, 5543, 5271, 5476, 5399, 5465, 5577, 5628, 5557, 5599, 5641, 5395, 5614, 5282, 5298, 5405, 5329, 5618, 5350, 5696, 5423, 5391, 5563, 5702, 5546, 5355, 5594, 5437, 5636, 5634, 5441, 5723, 5562, 5718, 5463, 5358, 5506, 5526, 5363, 5261, 5332, 5449, 5697, 5394, 5445, 5701, 5639, 5309, 5700, 5331, 5580, 5254, 5604, 5513, 5650, 5699, 5274, 5573, 5645, 5608, 5347, 5425, 5667, 5688, 5393, 5658, 5287, 5654, 5462, 5352, 5611, 5377, 5388, 5299, 5588, 5552, 5434, 5349, 5496, 5276, 5277, 5272, 5504, 5408, 5569, 5368, 5681, 5479, 5550 (6 hits)

Table 201 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
5	9	1.0	333.0	Yes	5521.4MHz, -63.0dBm	Hop sequence: 5580, 5354, 5419, 5340, 5722, 5404, 5494, 5270, 5609, 5401, 5680, 5711, 5647, 5358, 5631, 5364, 5630, 5597, 5326, 5277, 5667, 5424, 5616, 5691, 5385, 5410, 5654, 5670, 5539, 5476, 5696, 5599, 5308, 5310, 5503, 5394, 5685, 5416, 5262, 5591, 5712, 5321, 5583, 5590, 5538, 5403, 5309, 5513, 5707, 5603, 5374, 5263, 5490, 5361, 5417, 5563, 5562, 5577, 5533, 5311, 5250, 5509, 5441, 5282, 5665, 5423, 5399, 5469, 5636, 5559, 5679, 5673, 5652, 5649, 5706, 5645, 5492, 5668, 5426, 5281, 5661, 5498, 5479, 5524, 5357, 5407, 5632, 5600, 5317, 5716, 5316, 5266, 5453, 5379, 5689, 5584, 5346, 5627, 5550, 5418 (7 hits)
6	9	1.0	333.0	Yes	5526.4MHz, -63.0dBm	Hop sequence: 5521, 5648, 5477, 5725, 5536, 5258, 5522, 5282, 5287, 5577, 5474, 5653, 5570, 5461, 5299, 5423, 5393, 5323, 5366, 5680, 5385, 5575, 5478, 5690, 5621, 5667, 5411, 5397, 5355, 5276, 5291, 5416, 5646, 5545, 5540, 5292, 5628, 5678, 5367, 5592, 5294, 5578, 5329, 5638, 5371, 5467, 5336, 5548, 5505, 5523, 5674, 5510, 5693, 5637, 5564, 5352, 5318, 5473, 5453, 5266, 5392, 5656, 5539, 5683, 5601, 5348, 5650, 5584, 5418, 5373, 5527, 5549, 5314, 5643, 5582, 5569, 5398, 5502, 5430, 5525, 5616, 5286, 5455, 5568, 5296, 5359, 5376, 5706, 5626, 5349, 5679, 5362, 5277, 5686, 5433, 5534, 5300, 5567, 5609, 5714 (8 hits)
7	9	1.0	333.0	Yes	5527.8MHz, -63.0dBm	Hop sequence: 5428, 5388, 5581, 5290, 5255, 5706, 5662, 5443, 5490, 5628, 5340, 5535, 5298, 5694, 5635, 5720, 5647, 5415, 5381, 5417, 5407, 5297, 5390, 5653, 5456, 5709, 5544, 5711, 5457, 5307, 5449, 5639, 5392, 5501, 5336, 5476, 5584, 5338, 5329, 5708, 5511, 5344, 5283, 5549, 5426, 5322, 5349, 5554, 5398, 5521, 5695, 5683, 5558, 5401, 5376, 5597, 5707, 5507, 5670, 5274, 5629, 5359, 5378, 5372, 5510, 5370, 5405, 5645, 5612, 5380, 5465, 5537, 5526, 5266, 5285, 5477, 5423, 5599, 5525, 5700, 5721, 5523, 5714, 5463, 5351, 5663, 5424, 5444, 5261, 5603, 5305, 5287, 5343, 5377, 5540, 5614, 5515, 5579, 5280, 5412 (9 hits)
8	9	1.0	333.0	Yes	5529.4MHz, -63.0dBm	Hop sequence: 5632, 5274, 5425, 5444, 5677, 5708, 5492, 5541, 5306, 5579, 5414, 5409, 5262, 5713, 5270, 5542, 5723, 5344, 5474, 5535, 5527, 5501, 5657, 5583, 5429, 5575, 5464, 5636, 5513, 5392, 5659, 5353, 5356, 5370, 5502, 5564, 5282, 5624, 5595, 5518, 5505, 5304, 5675, 5345, 5302, 5373, 5596, 5522, 5676, 5481, 5299, 5442, 5394, 5529, 5548, 5668, 5428, 5408, 5360, 5318, 5365, 5620, 5489, 5539, 5252, 5380, 5253, 5482, 5669, 5613, 5712, 5658, 5663, 5566, 5670, 5388, 5337, 5441, 5277, 5526, 5649, 5402, 5437, 5289, 5645, 5605, 5574, 5294, 5354, 5590, 5674, 5313, 5458, 5450, 5375, 5303, 5333, 5506, 5317, 5473 (11 hits)

Table 201 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
9	9	1.0	333.0	Yes	5490.6MHz, -63.0dBm	Hop sequence: 5326, 5459, 5571, 5327, 5353, 5624, 5667, 5307, 5436, 5558, 5531, 5416, 5670, 5697, 5680, 5555, 5596, 5376, 5396, 5618, 5264, 5622, 5517, 5575, 5325, 5475, 5437, 5655, 5322, 5512, 5347, 5349, 5682, 5342, 5490, 5656, 5515, 5386, 5426, 5331, 5420, 5545, 5694, 5723, 5678, 5598, 5379, 5255, 5309, 5610, 5462, 5294, 5427, 5602, 5435, 5335, 5414, 5606, 5574, 5663, 5316, 5368, 5632, 5333, 5352, 5354, 5666, 5369, 5259, 5605, 5647, 5279, 5318, 5576, 5448, 5476, 5582, 5513, 5392, 5390, 5691, 5282, 5345, 5570, 5494, 5579, 5696, 5525, 5361, 5319, 5438, 5338, 5712, 5292, 5589, 5706, 5627, 5486, 5530, 5271 (6 hits)
10	9	1.0	333.0	Yes	5496.4MHz, -63.0dBm	Hop sequence: 5591, 5452, 5691, 5480, 5643, 5324, 5634, 5659, 5366, 5505, 5461, 5561, 5422, 5578, 5385, 5645, 5569, 5392, 5613, 5543, 5488, 5656, 5725, 5410, 5262, 5382, 5304, 5607, 5679, 5333, 5609, 5558, 5358, 5440, 5278, 5693, 5302, 5274, 5426, 5256, 5520, 5633, 5270, 5677, 5698, 5332, 5290, 5660, 5396, 5684, 5618, 5379, 5701, 5626, 5281, 5293, 5292, 5334, 5678, 5370, 5289, 5581, 5295, 5547, 5705, 5263, 5663, 5285, 5524, 5398, 5431, 5519, 5291, 5490, 5617, 5593, 5628, 5666, 5619, 5387, 5312, 5363, 5620, 5408, 5534, 5644, 5608, 5507, 5418, 5667, 5594, 5399, 5694, 5336, 5688, 5571, 5597, 5714, 5648, 5341 (5 hits)
11	9	1.0	333.0	Yes	5499.7MHz, -63.0dBm	Hop sequence: 5606, 5723, 5616, 5575, 5483, 5480, 5429, 5358, 5635, 5251, 5574, 5649, 5275, 5514, 5594, 5277, 5413, 5285, 5478, 5546, 5467, 5597, 5609, 5409, 5447, 5590, 5280, 5357, 5421, 5653, 5685, 5656, 5496, 5708, 5464, 5529, 5362, 5469, 5417, 5493, 5422, 5538, 5451, 5680, 5466, 5693, 5569, 5394, 5448, 5420, 5542, 5547, 5298, 5387, 5669, 5377, 5289, 5343, 5403, 5276, 5719, 5400, 5591, 5667, 5416, 5561, 5722, 5689, 5315, 5444, 5347, 5463, 5524, 5330, 5479, 5373, 5687, 5490, 5577, 5262, 5641, 5579, 5625, 5497, 5307, 5571, 5540, 5632, 5308, 5339, 5260, 5255, 5531, 5272, 5290, 5559, 5495, 5439, 5581, 5613 (7 hits)
12	9	1.0	333.0	Yes	5501.5MHz, -63.0dBm	Hop sequence: 5579, 5698, 5500, 5620, 5622, 5254, 5624, 5367, 5614, 5279, 5665, 5316, 5439, 5627, 5704, 5386, 5626, 5383, 5475, 5460, 5395, 5382, 5375, 5588, 5556, 5450, 5388, 5489, 5378, 5681, 5597, 5557, 5474, 5548, 5578, 5711, 5384, 5651, 5422, 5631, 5493, 5374, 5470, 5295, 5666, 5649, 5308, 5391, 5611, 5261, 5694, 5499, 5716, 5549, 5472, 5674, 5502, 5393, 5641, 5613, 5479, 5654, 5349, 5690, 5309, 5411, 5427, 5369, 5496, 5564, 5271, 5275, 5634, 5424, 5332, 5703, 5288, 5508, 5572, 5540, 5612, 5687, 5583, 5417, 5664, 5525, 5347, 5267, 5463, 5607, 5661, 5338, 5298, 5300, 5511, 5723, 5491, 5366, 5494, 5519 (11 hits)

Table 201 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
13	9	1.0	333.0	Yes	5504.9MHz, -63.0dBm	Hop sequence: 5548, 5265, 5274, 5525, 5350, 5531, 5598, 5293, 5376, 5500, 5624, 5554, 5708, 5405, 5332, 5587, 5314, 5537, 5488, 5520, 5272, 5389, 5649, 5426, 5723, 5391, 5476, 5461, 5370, 5397, 5673, 5670, 5295, 5705, 5522, 5499, 5589, 5676, 5569, 5495, 5441, 5458, 5494, 5703, 5253, 5601, 5400, 5419, 5297, 5528, 5643, 5611, 5337, 5641, 5316, 5422, 5648, 5533, 5284, 5362, 5392, 5431, 5480, 5553, 5585, 5364, 5358, 5665, 5334, 5359, 5460, 5427, 5467, 5602, 5269, 5432, 5490, 5608, 5301, 5713, 5561, 5268, 5379, 5361, 5498, 5351, 5671, 5722, 5628, 5586, 5680, 5539, 5715, 5684, 5521, 5320, 5701, 5416, 5312, 5669 (10 hits)
14	9	1.0	333.0	Yes	5507.6MHz, -63.0dBm	Hop sequence: 5698, 5523, 5309, 5367, 5581, 5300, 5289, 5328, 5690, 5449, 5499, 5465, 5411, 5652, 5511, 5343, 5607, 5397, 5391, 5515, 5291, 5530, 5472, 5310, 5278, 5473, 5469, 5322, 5419, 5381, 5683, 5319, 5456, 5502, 5302, 5347, 5624, 5584, 5706, 5538, 5430, 5668, 5380, 5534, 5471, 5643, 5354, 5553, 5463, 5438, 5696, 5325, 5440, 5359, 5579, 5616, 5443, 5673, 5433, 5717, 5409, 5635, 5434, 5379, 5655, 5539, 5489, 5485, 5715, 5495, 5479, 5577, 5258, 5664, 5720, 5358, 5522, 5501, 5454, 5297, 5451, 5723, 5514, 5725, 5516, 5349, 5404, 5330, 5716, 5598, 5256, 5413, 5682, 5544, 5588, 5390, 5623, 5490, 5666, 5371 (10 hits)
15	9	1.0	333.0	Yes	5512.7MHz, -63.0dBm	Hop sequence: 5624, 5689, 5400, 5503, 5710, 5688, 5675, 5433, 5596, 5663, 5463, 5579, 5423, 5626, 5364, 5705, 5286, 5521, 5526, 5293, 5640, 5350, 5392, 5322, 5509, 5268, 5309, 5726, 5255, 5421, 5424, 5258, 5519, 5659, 5561, 5611, 5470, 5484, 5644, 5516, 5450, 5697, 5494, 5549, 5483, 5650, 5646, 5724, 5412, 5435, 5628, 5660, 5610, 5360, 5505, 5669, 5265, 5512, 5404, 5415, 5645, 5377, 5635, 5707, 5345, 5685, 5620, 5507, 5720, 5311, 5592, 5329, 5374, 5304, 5665, 5462, 5485, 5655, 5562, 5271, 5657, 5395, 5515, 5459, 5643, 5681, 5551, 5480, 5438, 5287, 5603, 5282, 5479, 5453, 5627, 5625, 5413, 5410, 5491, 5432 (12 hits)
16	9	1.0	333.0	Yes	5516.7MHz, -63.0dBm	Hop sequence: 5565, 5584, 5430, 5487, 5523, 5679, 5488, 5322, 5631, 5281, 5714, 5467, 5347, 5409, 5710, 5551, 5520, 5643, 5461, 5596, 5561, 5308, 5438, 5554, 5701, 5516, 5299, 5284, 5570, 5647, 5591, 5371, 5603, 5542, 5295, 5442, 5717, 5294, 5373, 5704, 5353, 5530, 5636, 5350, 5695, 5309, 5585, 5380, 5528, 5507, 5345, 5316, 5504, 5583, 5497, 5609, 5697, 5681, 5590, 5725, 5431, 5562, 5651, 5533, 5515, 5606, 5421, 5283, 5362, 5486, 5296, 5305, 5512, 5538, 5501, 5705, 5462, 5324, 5468, 5354, 5600, 5364, 5698, 5478, 5511, 5652, 5708, 5693, 5683, 5457, 5722, 5331, 5340, 5546, 5672, 5423, 5558, 5435, 5552, 5463 (11 hits)

Table 201 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
17	9	1.0	333.0	Yes	5523.0MHz, -63.0dBm	Hop sequence: 5268, 5719, 5313, 5615, 5322, 5576, 5558, 5678, 5723, 5688, 5488, 5638, 5571, 5353, 5387, 5641, 5397, 5707, 5448, 5367, 5295, 5629, 5424, 5381, 5339, 5434, 5542, 5472, 5471, 5329, 5534, 5331, 5464, 5388, 5394, 5262, 5474, 5270, 5600, 5296, 5292, 5390, 5417, 5465, 5439, 5299, 5580, 5653, 5556, 5700, 5709, 5449, 5575, 5549, 5510, 5590, 5526, 5680, 5343, 5511, 5356, 5254, 5705, 5473, 5608, 5562, 5637, 5712, 5285, 5317, 5440, 5634, 5326, 5555, 5496, 5284, 5716, 5679, 5392, 5414, 5456, 5415, 5319, 5578, 5272, 5522, 5722, 5695, 5316, 5557, 5720, 5340, 5421, 5348, 5470, 5550, 5325, 5306, 5359, 5631 (5 hits)
18	9	1.0	333.0	Yes	5526.6MHz, -63.0dBm	Hop sequence: 5726, 5313, 5482, 5484, 5487, 5504, 5585, 5695, 5714, 5402, 5544, 5420, 5495, 5699, 5287, 5582, 5545, 5700, 5530, 5348, 5563, 5393, 5370, 5610, 5300, 5392, 5581, 5626, 5372, 5352, 5257, 5466, 5634, 5353, 5270, 5647, 5499, 5295, 5539, 5460, 5470, 5302, 5617, 5541, 5384, 5325, 5505, 5458, 5317, 5289, 5616, 5476, 5635, 5526, 5508, 5618, 5441, 5273, 5365, 5716, 5301, 5432, 5631, 5259, 5624, 5512, 5682, 5709, 5360, 5403, 5435, 5430, 5456, 5267, 5599, 5717, 5297, 5266, 5375, 5535, 5366, 5320, 5457, 5697, 5406, 5416, 5559, 5556, 5444, 5496, 5269, 5439, 5630, 5262, 5351, 5474, 5336, 5718, 5552, 5283 (8 hits)
19	9	1.0	333.0	Yes	5529.4MHz, -63.0dBm	Hop sequence: 5415, 5381, 5572, 5509, 5617, 5698, 5251, 5384, 5373, 5472, 5637, 5654, 5456, 5718, 5499, 5569, 5662, 5424, 5454, 5445, 5650, 5321, 5485, 5652, 5275, 5597, 5645, 5295, 5475, 5706, 5689, 5443, 5547, 5316, 5356, 5281, 5711, 5374, 5712, 5264, 5419, 5394, 5700, 5545, 5468, 5377, 5401, 5346, 5283, 5555, 5721, 5625, 5613, 5323, 5678, 5568, 5666, 5558, 5618, 5660, 5396, 5494, 5507, 5596, 5701, 5570, 5590, 5629, 5607, 5276, 5682, 5441, 5387, 5376, 5614, 5375, 5471, 5261, 5631, 5505, 5665, 5657, 5714, 5672, 5433, 5524, 5313, 5406, 5575, 5363, 5300, 5644, 5677, 5486, 5646, 5496, 5449, 5685, 5515, 5367 (8 hits)
20	9	1.0	333.0	Yes	5490.6MHz, -63.0dBm	Hop sequence: 5712, 5616, 5555, 5333, 5623, 5423, 5656, 5353, 5252, 5257, 5500, 5663, 5548, 5702, 5368, 5429, 5568, 5587, 5572, 5635, 5403, 5294, 5560, 5458, 5611, 5319, 5444, 5394, 5481, 5464, 5482, 5388, 5512, 5577, 5318, 5629, 5350, 5517, 5549, 5321, 5508, 5442, 5462, 5532, 5344, 5525, 5654, 5279, 5536, 5320, 5417, 5701, 5397, 5438, 5501, 5601, 5650, 5703, 5463, 5389, 5259, 5419, 5443, 5608, 5465, 5358, 5631, 5678, 5478, 5357, 5332, 5310, 5418, 5689, 5632, 5486, 5676, 5297, 5420, 5487, 5262, 5550, 5671, 5684, 5437, 5439, 5612, 5448, 5390, 5296, 5646, 5369, 5666, 5468, 5563, 5624, 5637, 5647, 5299, 5553 (6 hits)

Table 201 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
21	9	1.0	333.0	Yes	5490.7MHz, -63.0dBm	Hop sequence: 5440, 5508, 5698, 5431, 5551, 5562, 5550, 5721, 5461, 5326, 5593, 5311, 5583, 5590, 5620, 5703, 5576, 5361, 5320, 5621, 5511, 5549, 5430, 5633, 5337, 5631, 5651, 5608, 5700, 5505, 5418, 5315, 5303, 5520, 5278, 5369, 5539, 5353, 5668, 5494, 5616, 5706, 5382, 5497, 5484, 5613, 5260, 5493, 5516, 5308, 5596, 5296, 5607, 5565, 5356, 5560, 5412, 5639, 5338, 5591, 5568, 5663, 5569, 5649, 5521, 5445, 5617, 5251, 5674, 5457, 5711, 5254, 5636, 5362, 5363, 5681, 5444, 5504, 5310, 5448, 5325, 5541, 5615, 5695, 5279, 5720, 5558, 5285, 5522, 5552, 5452, 5527, 5708, 5366, 5395, 5313, 5509, 5397, 5425, 5538 (13 hits)
22	9	1.0	333.0	Yes	5495.0MHz, -63.0dBm	Hop sequence: 5567, 5311, 5582, 5583, 5425, 5284, 5520, 5453, 5697, 5389, 5515, 5297, 5258, 5509, 5578, 5411, 5480, 5482, 5501, 5518, 5441, 5306, 5639, 5475, 5512, 5304, 5325, 5700, 5312, 5305, 5322, 5396, 5508, 5397, 5651, 5402, 5617, 5334, 5712, 5391, 5556, 5419, 5368, 5270, 5570, 5255, 5310, 5714, 5703, 5495, 5412, 5678, 5349, 5558, 5452, 5379, 5403, 5642, 5546, 5586, 5563, 5718, 5428, 5383, 5701, 5408, 5392, 5366, 5355, 5691, 5698, 5309, 5484, 5437, 5353, 5343, 5716, 5326, 5271, 5581, 5350, 5589, 5457, 5400, 5369, 5438, 5650, 5724, 5720, 5553, 5636, 5683, 5622, 5418, 5434, 5415, 5470, 5464, 5605, 5449 (8 hits)
23	9	1.0	333.0	Yes	5501.7MHz, -63.0dBm	Hop sequence: 5490, 5597, 5549, 5676, 5446, 5376, 5721, 5336, 5283, 5519, 5543, 5693, 5280, 5707, 5706, 5647, 5603, 5573, 5407, 5335, 5604, 5266, 5545, 5551, 5351, 5484, 5559, 5394, 5304, 5457, 5434, 5575, 5563, 5665, 5552, 5695, 5499, 5448, 5258, 5380, 5626, 5687, 5279, 5433, 5684, 5697, 5328, 5527, 5401, 5367, 5566, 5281, 5270, 5513, 5518, 5353, 5667, 5507, 5691, 5299, 5396, 5370, 5683, 5565, 5462, 5307, 5399, 5471, 5377, 5514, 5715, 5481, 5473, 5698, 5561, 5458, 5635, 5491, 5308, 5291, 5388, 5574, 5404, 5701, 5664, 5587, 5562, 5292, 5618, 5252, 5459, 5629, 5498, 5533, 5590, 5422, 5654, 5497, 5668, 5726 (10 hits)
24	9	1.0	333.0	Yes	5508.4MHz, -63.0dBm	Hop sequence: 5674, 5634, 5550, 5718, 5653, 5350, 5450, 5273, 5554, 5436, 5299, 5280, 5666, 5307, 5415, 5677, 5417, 5400, 5660, 5588, 5311, 5524, 5394, 5354, 5270, 5407, 5293, 5419, 5466, 5555, 5552, 5315, 5426, 5504, 5693, 5340, 5473, 5489, 5561, 5451, 5640, 5596, 5433, 5443, 5540, 5414, 5352, 5464, 5255, 5582, 5638, 5395, 5577, 5499, 5317, 5267, 5268, 5544, 5668, 5476, 5716, 5639, 5616, 5494, 5700, 5396, 5533, 5566, 5707, 5523, 5484, 5685, 5330, 5283, 5446, 5564, 5678, 5673, 5497, 5320, 5289, 5548, 5258, 5579, 5571, 5482, 5714, 5376, 5402, 5393, 5355, 5663, 5445, 5658, 5439, 5276, 5432, 5457, 5314, 5321 (6 hits)

Table 201 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
25	9	1.0	333.0	Yes	5511.1MHz, -63.0dBm	Hop sequence: 5623, 5320, 5628, 5673, 5400, 5693, 5657, 5716, 5482, 5637, 5696, 5303, 5329, 5580, 5494, 5547, 5406, 5375, 5614, 5536, 5362, 5410, 5398, 5516, 5722, 5565, 5663, 5529, 5356, 5508, 5478, 5304, 5252, 5345, 5687, 5379, 5443, 5688, 5659, 5600, 5466, 5579, 5718, 5414, 5351, 5701, 5401, 5349, 5593, 5526, 5703, 5563, 5548, 5523, 5439, 5384, 5559, 5390, 5721, 5275, 5584, 5575, 5612, 5462, 5376, 5604, 5485, 5467, 5378, 5448, 5262, 5432, 5483, 5285, 5648, 5385, 5597, 5624, 5517, 5306, 5337, 5626, 5638, 5364, 5671, 5480, 5324, 5472, 5661, 5669, 5452, 5470, 5707, 5605, 5440, 5726, 5311, 5490, 5717, 5423 (7 hits)
26	9	1.0	333.0	Yes	5517.2MHz, -63.0dBm	Hop sequence: 5259, 5334, 5661, 5429, 5361, 5445, 5506, 5255, 5304, 5419, 5709, 5292, 5638, 5492, 5592, 5557, 5415, 5605, 5558, 5665, 5315, 5678, 5403, 5352, 5514, 5399, 5390, 5425, 5550, 5570, 5313, 5672, 5257, 5333, 5337, 5637, 5609, 5483, 5713, 5663, 5404, 5540, 5341, 5348, 5671, 5495, 5475, 5291, 5481, 5308, 5370, 5455, 5368, 5272, 5477, 5549, 5406, 5343, 5702, 5258, 5633, 5693, 5554, 5600, 5446, 5567, 5303, 5317, 5666, 5646, 5502, 5320, 5420, 5619, 5664, 5553, 5685, 5293, 5283, 5701, 5362, 5484, 5520, 5252, 5276, 5380, 5456, 5677, 5493, 5418, 5507, 5478, 5700, 5674, 5560, 5318, 5545, 5568, 5618, 5301 (8 hits)
27	9	1.0	333.0	Yes	5522.3MHz, -63.0dBm	Hop sequence: 5508, 5320, 5480, 5295, 5428, 5360, 5334, 5604, 5297, 5303, 5340, 5659, 5449, 5520, 5662, 5715, 5703, 5663, 5384, 5583, 5369, 5352, 5402, 5468, 5335, 5386, 5574, 5410, 5534, 5526, 5584, 5307, 5512, 5635, 5581, 5516, 5523, 5274, 5444, 5308, 5522, 5383, 5633, 5399, 5553, 5266, 5345, 5668, 5298, 5374, 5447, 5469, 5554, 5572, 5642, 5519, 5395, 5615, 5422, 5599, 5258, 5610, 5465, 5539, 5372, 5698, 5497, 5278, 5645, 5277, 5387, 5515, 5312, 5454, 5510, 5606, 5489, 5575, 5300, 5710, 5552, 5432, 5499, 5424, 5655, 5373, 5326, 5460, 5311, 5361, 5646, 5431, 5299, 5577, 5436, 5292, 5256, 5674, 5490, 5701 (12 hits)
28	9	1.0	333.0	Yes	5528.4MHz, -63.0dBm	Hop sequence: 5341, 5305, 5711, 5399, 5524, 5254, 5325, 5292, 5561, 5597, 5343, 5358, 5549, 5680, 5567, 5293, 5530, 5659, 5687, 5332, 5522, 5432, 5585, 5691, 5701, 5461, 5470, 5418, 5314, 5466, 5391, 5677, 5416, 5615, 5346, 5295, 5686, 5471, 5285, 5406, 5272, 5348, 5529, 5634, 5287, 5625, 5402, 5557, 5525, 5502, 5498, 5256, 5595, 5309, 5497, 5379, 5394, 5610, 5486, 5644, 5637, 5437, 5569, 5322, 5313, 5672, 5726, 5694, 5436, 5589, 5702, 5713, 5251, 5445, 5513, 5366, 5682, 5663, 5414, 5496, 5417, 5667, 5269, 5661, 5563, 5354, 5720, 5442, 5463, 5311, 5588, 5617, 5359, 5646,

Table 201 - FCC frequency hopping radar Results 40 MHz Tri Radio (Zero Wait Target, 5510 MHz, channel 100+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5512, 5347, 5620, 5290, 5578, 5607 (10 hits)
29	9	1.0	333.0	Yes	5529.4MHz, -63.0dBm	Hop sequence: 5686, 5719, 5398, 5711, 5648, 5625, 5439, 5312, 5587, 5622, 5310, 5720, 5623, 5520, 5258, 5291, 5556, 5376, 5372, 5458, 5683, 5542, 5318, 5572, 5276, 5544, 5304, 5385, 5528, 5673, 5397, 5638, 5321, 5455, 5364, 5585, 5477, 5311, 5676, 5681, 5317, 5678, 5306, 5292, 5567, 5651, 5492, 5610, 5561, 5404, 5603, 5426, 5285, 5617, 5250, 5653, 5618, 5600, 5494, 5712, 5637, 5490, 5657, 5435, 5429, 5349, 5466, 5473, 5374, 5562, 5472, 5309, 5451, 5260, 5667, 5538, 5604, 5550, 5450, 5674, 5413, 5557, 5460, 5655, 5487, 5697, 5690, 5484, 5454, 5316, 5475, 5259, 5267, 5609, 5521, 5330, 5333, 5656, 5334, 5447 (5 hits)
30	9	1.0	333.0	Yes	5490.6MHz, -63.0dBm	Hop sequence: 5491, 5293, 5409, 5253, 5337, 5363, 5673, 5403, 5650, 5325, 5617, 5596, 5381, 5258, 5633, 5720, 5406, 5566, 5394, 5607, 5463, 5322, 5405, 5518, 5408, 5555, 5460, 5502, 5433, 5652, 5638, 5282, 5319, 5342, 5375, 5289, 5649, 5665, 5605, 5711, 5568, 5679, 5603, 5419, 5577, 5259, 5417, 5357, 5714, 5298, 5500, 5378, 5335, 5492, 5255, 5571, 5661, 5573, 5726, 5619, 5712, 5297, 5531, 5390, 5480, 5339, 5462, 5597, 5610, 5680, 5461, 5697, 5477, 5681, 5277, 5530, 5547, 5656, 5698, 5349, 5321, 5389, 5399, 5435, 5671, 5672, 5429, 5710, 5294, 5545, 5520, 5478, 5377, 5384, 5513, 5666, 5302, 5309, 5414, 5284 (7 hits)

Table 202 - FCC Short Pulse Radar (Type 1A) Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	83	1.0	638.0	Yes	5670.0MHz,-63.0dBm	Single burst
2	81	1.0	658.0	Yes	5674.0MHz,-63.0dBm	Single burst
3	58	1.0	918.0	No	5680.1MHz,-63.0dBm	Single burst
4	92	1.0	578.0	Yes	5680.1MHz,-63.0dBm	Single burst
5	57	1.0	938.0	Yes	5687.0MHz,-63.0dBm	Single burst
6	59	1.0	898.0	Yes	5689.4MHz,-63.0dBm	Single burst
7	67	1.0	798.0	Yes	5650.6MHz,-63.0dBm	Single burst
8	70	1.0	758.0	Yes	5656.1MHz,-63.0dBm	Single burst
9	65	1.0	818.0	Yes	5659.2MHz,-63.0dBm	Single burst
10	86	1.0	618.0	Yes	5662.2MHz,-63.0dBm	Single burst
11	72	1.0	738.0	Yes	5668.4MHz,-63.0dBm	Single burst
12	18	1.0	3066.0	Yes	5673.6MHz,-63.0dBm	Single burst
13	61	1.0	878.0	Yes	5676.6MHz,-63.0dBm	Single burst
14	89	1.0	598.0	No	5683.3MHz,-63.0dBm	Single burst
15	62	1.0	858.0	Yes	5683.3MHz,-63.0dBm	Single burst

Table 203 - FCC Short Pulse Radar (Type 1B) Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	18	1.0	2987.0	Yes	5670.0MHz,-63.0dBm	Single burst
2	39	1.0	1363.0	Yes	5671.2MHz,-63.0dBm	Single burst
3	91	1.0	581.0	Yes	5678.0MHz,-63.0dBm	Single burst
4	18	1.0	2942.0	Yes	5684.3MHz,-63.0dBm	Single burst
5	22	1.0	2443.0	No	5689.4MHz,-63.0dBm	Single burst
6	95	1.0	557.0	Yes	5689.4MHz,-63.0dBm	Single burst
7	31	1.0	1759.0	Yes	5650.6MHz,-63.0dBm	Single burst
8	34	1.0	1581.0	Yes	5651.6MHz,-63.0dBm	Single burst
9	28	1.0	1896.0	Yes	5658.3MHz,-63.0dBm	Single burst
10	20	1.0	2676.0	No	5664.4MHz,-63.0dBm	Single burst
11	27	1.0	1975.0	Yes	5664.4MHz,-63.0dBm	Single burst
12	27	1.0	1985.0	Yes	5669.6MHz,-63.0dBm	Single burst
13	34	1.0	1592.0	No	5673.0MHz,-63.0dBm	Single burst
14	18	1.0	2986.0	Yes	5673.0MHz,-63.0dBm	Single burst
15	27	1.0	1989.0	Yes	5679.7MHz,-63.0dBm	Single burst

Table 204 - FCC Short Pulse Radar (Type 2) Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	25	2.1	155.0	Yes	5670.0MHz,-63.0dBm	Single burst
2	28	3.5	210.0	Yes	5672.0MHz,-63.0dBm	Single burst
3	29	1.0	189.0	Yes	5673.6MHz,-63.0dBm	Single burst
4	28	4.9	223.0	No	5678.4MHz,-63.0dBm	Single burst
5	26	5.0	187.0	Yes	5678.4MHz,-63.0dBm	Single burst
6	25	3.7	157.0	Yes	5680.9MHz,-63.0dBm	Single burst
7	23	1.4	178.0	Yes	5684.0MHz,-63.0dBm	Single burst
8	27	1.7	202.0	Yes	5685.0MHz,-63.0dBm	Single burst
9	26	1.2	155.0	Yes	5689.4MHz,-63.0dBm	Single burst
10	25	1.2	157.0	Yes	5650.6MHz,-63.0dBm	Single burst
11	28	3.0	160.0	Yes	5650.7MHz,-63.0dBm	Single burst
12	26	3.3	209.0	Yes	5654.3MHz,-63.0dBm	Single burst
13	26	3.3	173.0	Yes	5659.4MHz,-63.0dBm	Single burst
14	25	3.4	186.0	Yes	5665.6MHz,-63.0dBm	Single burst
15	28	3.8	221.0	Yes	5669.6MHz,-63.0dBm	Single burst
16	26	4.1	179.0	Yes	5673.3MHz,-63.0dBm	Single burst
17	24	4.3	163.0	Yes	5680.1MHz,-63.0dBm	Single burst
18	23	4.4	178.0	Yes	5686.8MHz,-63.0dBm	Single burst
19	23	2.8	168.0	Yes	5689.4MHz,-63.0dBm	Single burst
20	29	3.5	158.0	Yes	5650.6MHz,-63.0dBm	Single burst
21	28	3.6	166.0	Yes	5654.0MHz,-63.0dBm	Single burst
22	27	1.7	201.0	No	5657.4MHz,-63.0dBm	Single burst
23	26	3.9	178.0	Yes	5657.4MHz,-63.0dBm	Single burst
24	25	4.7	191.0	Yes	5661.3MHz,-63.0dBm	Single burst
25	28	2.2	208.0	Yes	5663.4MHz,-63.0dBm	Single burst
26	25	3.6	153.0	No	5665.5MHz,-63.0dBm	Single burst
27	26	3.6	163.0	Yes	5665.5MHz,-63.0dBm	Single burst
28	26	2.8	176.0	Yes	5667.3MHz,-63.0dBm	Single burst
29	26	1.5	224.0	Yes	5669.2MHz,-63.0dBm	Single burst
30	23	4.2	194.0	Yes	5671.6MHz,-63.0dBm	Single burst

Table 205 - FCC Short Pulse Radar (Type 3) Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	17	6.6	343.0	No	5670.0MHz,-63.0dBm	Single burst
2	17	7.7	476.0	No	5670.0MHz,-63.0dBm	Single burst
3	18	6.7	424.0	Yes	5670.0MHz,-63.0dBm	Single burst
4	17	8.9	433.0	Yes	5673.5MHz,-63.0dBm	Single burst
5	18	8.0	443.0	Yes	5677.7MHz,-63.0dBm	Single burst
6	16	9.4	304.0	No	5684.3MHz,-63.0dBm	Single burst
7	18	6.0	362.0	Yes	5684.3MHz,-63.0dBm	Single burst
8	17	8.8	456.0	Yes	5687.3MHz,-63.0dBm	Single burst
9	18	8.3	356.0	Yes	5688.4MHz,-63.0dBm	Single burst
10	18	7.1	329.0	No	5689.4MHz,-63.0dBm	Single burst
11	16	9.3	296.0	Yes	5689.4MHz,-63.0dBm	Single burst
12	17	8.0	255.0	Yes	5650.6MHz,-63.0dBm	Single burst
13	17	9.8	396.0	Yes	5651.0MHz,-63.0dBm	Single burst
14	16	6.4	378.0	No	5653.8MHz,-63.0dBm	Single burst
15	17	7.9	314.0	Yes	5653.8MHz,-63.0dBm	Single burst
16	16	6.0	382.0	Yes	5659.5MHz,-63.0dBm	Single burst
17	16	7.1	401.0	Yes	5666.1MHz,-63.0dBm	Single burst
18	18	6.2	319.0	Yes	5667.8MHz,-63.0dBm	Single burst
19	17	6.4	298.0	Yes	5671.4MHz,-63.0dBm	Single burst
20	16	8.1	317.0	Yes	5673.9MHz,-63.0dBm	Single burst
21	16	9.4	224.0	Yes	5679.3MHz,-63.0dBm	Single burst
22	17	8.2	477.0	Yes	5685.2MHz,-63.0dBm	Single burst
23	18	6.6	258.0	No	5689.4MHz,-63.0dBm	Single burst
24	16	6.2	228.0	Yes	5689.4MHz,-63.0dBm	Single burst
25	17	7.7	283.0	Yes	5650.6MHz,-63.0dBm	Single burst
26	17	8.8	309.0	No	5651.6MHz,-63.0dBm	Single burst
27	16	8.1	426.0	Yes	5651.6MHz,-63.0dBm	Single burst
28	18	7.6	345.0	Yes	5652.8MHz,-63.0dBm	Single burst
29	18	6.1	352.0	Yes	5659.5MHz,-63.0dBm	Single burst
30	17	7.6	425.0	Yes	5664.4MHz,-63.0dBm	Single burst

Table 206 - FCC Short Pulse Radar (Type 4) Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Burst Information
1	14	15.6	434.0	Yes	5670.0MHz,-63.0dBm	Single burst
2	13	19.6	303.0	Yes	5672.1MHz,-63.0dBm	Single burst
3	12	18.7	355.0	Yes	5677.3MHz,-63.0dBm	Single burst
4	13	15.1	442.0	Yes	5679.4MHz,-63.0dBm	Single burst
5	13	17.2	497.0	Yes	5683.8MHz,-63.0dBm	Single burst
6	14	19.3	442.0	Yes	5689.4MHz,-63.0dBm	Single burst
7	16	14.2	326.0	No	5650.6MHz,-63.0dBm	Single burst
8	13	16.2	271.0	Yes	5650.6MHz,-63.0dBm	Single burst
9	12	13.0	392.0	No	5656.7MHz,-63.0dBm	Single burst
10	13	12.8	424.0	Yes	5656.7MHz,-63.0dBm	Single burst
11	16	13.7	280.0	Yes	5657.8MHz,-63.0dBm	Single burst
12	13	11.9	402.0	Yes	5661.4MHz,-63.0dBm	Single burst
13	15	11.4	453.0	Yes	5667.4MHz,-63.0dBm	Single burst
14	14	17.9	347.0	Yes	5670.8MHz,-63.0dBm	Single burst
15	14	14.5	400.0	Yes	5672.3MHz,-63.0dBm	Single burst
16	12	16.8	494.0	Yes	5679.0MHz,-63.0dBm	Single burst
17	13	16.1	261.0	Yes	5683.8MHz,-63.0dBm	Single burst
18	13	13.2	273.0	Yes	5689.4MHz,-63.0dBm	Single burst
19	14	12.3	222.0	Yes	5650.6MHz,-63.0dBm	Single burst
20	15	17.6	314.0	Yes	5653.8MHz,-63.0dBm	Single burst
21	12	15.9	252.0	Yes	5658.3MHz,-63.0dBm	Single burst
22	15	15.6	390.0	Yes	5664.8MHz,-63.0dBm	Single burst
23	14	15.0	366.0	Yes	5671.7MHz,-63.0dBm	Single burst
24	15	11.6	328.0	No	5673.8MHz,-63.0dBm	Single burst
25	14	12.1	483.0	Yes	5673.8MHz,-63.0dBm	Single burst
26	15	12.0	303.0	No	5679.9MHz,-63.0dBm	Single burst
27	13	13.0	270.0	Yes	5679.9MHz,-63.0dBm	Single burst
28	14	18.9	387.0	Yes	5685.8MHz,-63.0dBm	Single burst
29	16	12.7	273.0	Yes	5689.4MHz,-63.0dBm	Single burst
30	15	18.0	491.0	Yes	5650.6MHz,-63.0dBm	Single burst

Table 207 - FCC Long Pulse Radar Summary 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)		
FCC Long Pulse Radar (Type 5) Trial	Result	Frequency, Level
Trial #1	Detected	5670.0MHz,-63.0dBm
Trial #2	NOT Detected	5670.0MHz,-63.0dBm
Trial #3	Detected	5670.0MHz,-63.0dBm
Trial #4	Detected	5670.0MHz,-63.0dBm
Trial #5	Detected	5670.0MHz,-63.0dBm
Trial #6	Detected	5670.0MHz,-63.0dBm
Trial #7	Detected	5670.0MHz,-63.0dBm
Trial #8	Detected	5670.0MHz,-63.0dBm
Trial #9	Detected	5670.0MHz,-63.0dBm
Trial #10	Detected	5670.0MHz,-63.0dBm
Trial #11	Detected	5658.1MHz,-63.0dBm
Trial #12	Detected	5658.6MHz,-63.0dBm
Trial #13	Detected	5657.8MHz,-63.0dBm
Trial #14	Detected	5654.6MHz,-63.0dBm
Trial #15	Detected	5655.8MHz,-63.0dBm
Trial #16	Detected	5655.8MHz,-63.0dBm
Trial #17	Detected	5656.6MHz,-63.0dBm
Trial #18	NOT Detected	5652.6MHz,-63.0dBm
Trial #19	Detected	5655.4MHz,-63.0dBm
Trial #20	Detected	5657.8MHz,-63.0dBm
Trial #21	Detected	5685.1MHz,-63.0dBm
Trial #22	Detected	5684.6MHz,-63.0dBm
Trial #23	NOT Detected	5681.9MHz,-63.0dBm
Trial #24	Detected	5682.2MHz,-63.0dBm
Trial #25	Detected	5686.2MHz,-63.0dBm
Trial #26	Detected	5681.9MHz,-63.0dBm
Trial #27	NOT Detected	5683.9MHz,-63.0dBm
Trial #28	Detected	5685.1MHz,-63.0dBm
Trial #29	Detected	5686.6MHz,-63.0dBm
Trial #30	Detected	5685.9MHz,-63.0dBm

Table 208 - FCC Long Pulse Radar Trial#1 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.8	14	1167.0	-	0.172121
2	2	68.5	14	1663.0	-	1.309366
3	2	70.9	14	1687.0	-	1.554756
4	2	53.7	14	1006.0	-	2.407705
5	2	63.1	14	1827.0	-	3.316081
6	2	83.6	14	1026.0	-	3.571583
7	1	81.1	14	-	-	4.299726
8	2	97.5	14	1810.0	-	5.512677
9	1	72.1	14	-	-	6.180068
10	2	89.3	14	1370.0	-	6.786744
11	3	96.8	14	1227.0	1011.0	7.155643
12	3	99.6	14	1574.0	1619.0	8.135737
13	2	63.7	14	1175.0	-	8.679485
14	2	53.8	14	1898.0	-	9.640532
15	3	75.5	14	1477.0	1222.0	10.127915
16	2	88.7	14	1424.0	-	11.018376
17	3	94.6	14	1091.0	1882.0	11.868511

Table 209 - FCC Long Pulse Radar Trial#2 (NOT Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	85.7	16	1359.0	-	0.504351
2	2	60.3	16	1501.0	-	2.304046
3	2	64.3	16	1451.0	-	2.814615
4	3	69.5	16	1811.0	1387.0	5.200331
5	1	72.5	16	-	-	6.551465
6	3	78.3	16	1830.0	1069.0	7.135541
7	2	100.0	16	1480.0	-	8.452374
8	2	64.2	16	1254.0	-	10.637528
9	2	79.0	16	1888.0	-	10.712331

Table 210 - FCC Long Pulse Radar Trial#3 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	61.2	15	1514.0	1049.0	0.182489
2	1	98.0	15	-	-	0.942717
3	3	98.3	15	1564.0	1461.0	1.813291
4	2	60.3	15	1305.0	-	2.616197
5	2	52.7	15	1893.0	-	3.931995
6	2	89.0	15	1750.0	-	4.660352
7	2	79.5	15	1219.0	-	5.012435
8	3	81.2	15	1138.0	1475.0	6.362477
9	3	67.6	15	1514.0	1691.0	6.540312
10	3	87.6	15	1101.0	1918.0	7.910519
11	2	95.7	15	1965.0	-	8.767295
12	1	94.2	15	-	-	9.338890
13	2	52.3	15	1857.0	-	10.236893
14	3	59.2	15	1703.0	1449.0	11.137735
15	2	68.3	15	1448.0	-	11.751277

Table 211 - FCC Long Pulse Radar Trial#4 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	53.2	5	1756.0	1868.0	0.569998
2	1	91.9	5	-	-	1.309017
3	1	76.5	5	-	-	1.509573
4	2	99.1	5	1202.0	-	2.076228
5	3	73.6	5	1289.0	1045.0	2.804176
6	2	65.4	5	1743.0	-	3.426645
7	2	86.5	5	1172.0	-	4.239668
8	3	50.6	5	1178.0	1330.0	4.853127
9	1	74.8	5	-	-	5.663212
10	3	52.1	5	1433.0	1858.0	6.051914
11	1	62.2	5	-	-	7.289161
12	3	52.1	5	1634.0	1484.0	7.733074
13	3	70.9	5	1836.0	1487.0	8.043501
14	2	90.6	5	1156.0	-	9.101028
15	2	74.4	5	1410.0	-	9.936036
16	2	87.4	5	1246.0	-	10.169558
17	1	57.3	5	-	-	10.881393
18	3	57.5	5	1292.0	1109.0	11.414853

Table 212 - FCC Long Pulse Radar Trial#5 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	59.9	9	1356.0	-	0.150480
2	3	67.9	9	1171.0	1737.0	1.080581
3	2	97.5	9	1593.0	-	1.910876
4	2	92.2	9	1049.0	-	2.553186
5	2	60.8	9	1279.0	-	3.023280
6	2	66.1	9	1364.0	-	3.876345
7	3	62.6	9	1707.0	1790.0	4.147529
8	2	63.8	9	1886.0	-	5.101301
9	3	68.4	9	1375.0	1131.0	5.836009
10	3	54.5	9	1389.0	1356.0	6.656805
11	3	97.6	9	1149.0	1190.0	6.877494
12	2	85.4	9	1384.0	-	7.781142
13	2	91.5	9	1259.0	-	8.411507
14	2	72.1	9	1737.0	-	9.067286
15	2	75.6	9	1371.0	-	9.563425
16	2	96.7	9	1122.0	-	10.255148
17	2	55.8	9	1665.0	-	10.970656
18	2	55.9	9	1522.0	-	11.440849

Table 213 - FCC Long Pulse Radar Trial#6 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.9	8	1828.0	-	0.625482
2	3	83.5	8	1349.0	1244.0	0.841275
3	2	90.5	8	1168.0	-	1.392472
4	3	55.7	8	1853.0	1509.0	2.155122
5	2	60.9	8	1448.0	-	2.903638
6	2	77.5	8	1210.0	-	3.399712
7	2	50.9	8	1068.0	-	4.242902
8	1	54.6	8	-	-	4.883121
9	2	70.8	8	1568.0	-	5.669767
10	3	78.3	8	1025.0	1215.0	5.902526
11	1	97.7	8	-	-	6.542719
12	2	85.4	8	1713.0	-	6.977406
13	2	86.4	8	1402.0	-	7.742620
14	3	77.5	8	1940.0	1004.0	8.513649
15	2	67.5	8	1245.0	-	8.850136
16	2	51.5	8	1904.0	-	9.780369
17	2	74.0	8	1104.0	-	10.180665
18	3	62.1	8	1828.0	1934.0	11.123969
19	1	62.6	8	-	-	11.411846

Table 214 - FCC Long Pulse Radar Trial#7 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.2	9	1290.0	-	0.960871
2	2	81.9	9	1875.0	-	1.451323
3	2	52.1	9	1633.0	-	2.533822
4	2	93.0	9	1399.0	-	3.551879
5	2	66.8	9	1087.0	-	4.666228
6	3	83.4	9	1196.0	1977.0	5.504895
7	2	81.5	9	1189.0	-	6.832627
8	1	52.0	9	-	-	8.043205
9	2	55.4	9	1438.0	-	9.010455
10	3	58.3	9	1154.0	1886.0	10.192816
11	2	63.5	9	1934.0	-	11.432988

Table 215 - FCC Long Pulse Radar Trial#8 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	87.2	10	-	-	0.393517
2	2	97.7	10	1870.0	-	0.652841
3	2	58.5	10	1197.0	-	1.795798
4	3	97.5	10	1195.0	1023.0	2.352497
5	3	55.6	10	1208.0	1970.0	2.698823
6	2	91.4	10	1215.0	-	3.602036
7	2	70.1	10	1198.0	-	4.164465
8	3	57.4	10	1262.0	1095.0	4.570006
9	2	55.2	10	1060.0	-	5.678353
10	1	70.5	10	-	-	5.707729
11	2	55.6	10	1512.0	-	6.363890
12	1	95.5	10	-	-	7.149645
13	2	96.4	10	1651.0	-	8.082123
14	3	74.7	10	1893.0	1675.0	8.379690
15	2	91.1	10	1602.0	-	9.228568
16	2	74.6	10	1278.0	-	10.038582
17	2	50.9	10	1813.0	-	10.330819
18	2	63.8	10	1688.0	-	11.000042
19	3	77.5	10	1623.0	1642.0	11.673810

Table 216 - FCC Long Pulse Radar Trial#9 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	64.2	9	1928.0	-	0.037404
2	3	92.8	9	1998.0	1184.0	0.634510
3	1	91.8	9	-	-	1.789082
4	2	96.7	9	1997.0	-	2.129883
5	3	68.2	9	1294.0	1682.0	2.569978
6	3	66.8	9	1151.0	1502.0	3.541722
7	2	93.5	9	1518.0	-	3.931581
8	2	91.2	9	1428.0	-	4.645980
9	2	93.2	9	1250.0	-	5.120368
10	2	89.4	9	1913.0	-	6.177545
11	3	75.0	9	1053.0	1554.0	6.941685
12	3	50.0	9	1812.0	1963.0	7.566895
13	3	67.9	9	1010.0	1432.0	8.207014
14	1	82.8	9	-	-	8.549606
15	3	66.7	9	1865.0	1263.0	9.338693
16	3	72.3	9	1852.0	1246.0	9.728220
17	3	82.8	9	1060.0	1855.0	10.420191
18	3	94.7	9	1975.0	1853.0	10.738094
19	2	76.9	9	1866.0	-	11.387306

Table 217 - FCC Long Pulse Radar Trial#10 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	76.8	13	1308.0	-	0.092330
2	3	77.0	13	1177.0	1465.0	0.805080
3	2	76.5	13	1928.0	-	1.955642
4	1	59.1	13	-	-	2.941743
5	3	91.7	13	1042.0	1304.0	3.236942
6	1	69.2	13	-	-	4.079214
7	2	85.2	13	1660.0	-	4.816401
8	2	58.4	13	1198.0	-	5.857955
9	3	93.8	13	1444.0	1013.0	6.576913
10	2	60.9	13	1619.0	-	7.204687
11	2	92.2	13	1118.0	-	8.130704
12	2	64.4	13	1439.0	-	8.981968
13	1	63.8	13	-	-	9.724619
14	3	64.5	13	1908.0	1169.0	11.036197
15	2	99.9	13	1950.0	-	11.259256

Table 218 - FCC Long Pulse Radar Trial#11 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	70.8	19	1904.0	-	0.136521
2	2	90.1	19	1709.0	-	1.586836
3	2	65.4	19	1434.0	-	2.010570
4	3	61.1	19	1777.0	1324.0	2.786782
5	2	95.0	19	1322.0	-	3.677727
6	3	80.7	19	1592.0	1865.0	4.920293
7	2	53.9	19	1343.0	-	5.932486
8	2	78.3	19	1940.0	-	6.716072
9	2	82.9	19	1856.0	-	7.293057
10	1	58.6	19	-	-	8.197078
11	2	55.0	19	1556.0	-	9.048999
12	3	64.7	19	1317.0	1018.0	9.525681
13	2	52.8	19	1366.0	-	10.323726
14	2	58.4	19	1776.0	-	11.826312

Table 219 - FCC Long Pulse Radar Trial#12 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)						
Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	57.2	20	1354.0	1081.0	0.065357
2	2	95.4	20	1989.0	-	0.967102
3	3	79.0	20	1010.0	1527.0	1.766342
4	1	83.7	20	-	-	2.336617
5	3	78.9	20	1309.0	1752.0	3.124569
6	1	79.9	20	-	-	4.190893
7	1	75.0	20	-	-	4.582637
8	2	73.6	20	1670.0	-	5.148206
9	3	80.7	20	1494.0	1519.0	5.650590
10	2	98.9	20	1887.0	-	6.379648
11	1	82.7	20	-	-	7.130428
12	2	73.1	20	1811.0	-	8.201479
13	1	89.0	20	-	-	9.065371
14	2	87.6	20	1585.0	-	9.192096
15	3	66.2	20	1646.0	1523.0	10.327916
16	1	66.3	20	-	-	10.690103
17	2	95.1	20	1029.0	-	11.326084

Table 220 - FCC Long Pulse Radar Trial#13 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	62.6	18	1561.0	1086.0	0.487383
2	2	91.9	18	1788.0	-	1.279571
3	2	80.6	18	1114.0	-	1.787951
4	1	81.9	18	-	-	2.143647
5	1	95.7	18	-	-	3.494108
6	2	92.3	18	1125.0	-	3.667692
7	1	86.8	18	-	-	4.313521
8	2	60.4	18	1536.0	-	5.568752
9	2	99.5	18	1321.0	-	5.690784
10	2	61.1	18	1872.0	-	6.527477
11	3	68.1	18	1743.0	1787.0	7.077463
12	2	93.6	18	1104.0	-	8.176473
13	2	55.2	18	1226.0	-	8.611657
14	1	95.4	18	-	-	9.453560
15	2	61.7	18	1750.0	-	10.038768
16	3	66.8	18	1585.0	1471.0	10.606762
17	2	54.4	18	1157.0	-	11.879475

Table 221 - FCC Long Pulse Radar Trial#14 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	93.2	10	-	-	0.541639
2	2	83.1	10	1388.0	-	1.237250
3	2	76.8	10	1936.0	-	2.710262
4	3	70.9	10	1374.0	1042.0	3.641473
5	2	61.9	10	1683.0	-	4.907460
6	3	50.8	10	1118.0	1587.0	5.408012
7	1	54.2	10	-	-	6.695840
8	2	74.9	10	1296.0	-	7.057139
9	3	53.3	10	1083.0	1433.0	8.348529
10	2	72.7	10	1144.0	-	9.708585
11	2	97.2	10	1284.0	-	10.985101
12	2	91.8	10	1673.0	-	11.360269

Table 222 - FCC Long Pulse Radar Trial#15 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

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	1693.0	1592.0	0.557896
2	2	53.6	13	1710.0	-	1.468825
3	3	83.8	13	1581.0	1771.0	2.579215
4	2	86.5	13	1390.0	-	3.869224
5	2	83.0	13	1391.0	-	5.237865
6	3	88.7	13	1188.0	1956.0	6.204608
7	2	76.2	13	1572.0	-	7.137126
8	2	89.1	13	1806.0	-	7.906698
9	3	92.7	13	1821.0	1352.0	9.751865
10	1	70.0	13	-	-	10.081490
11	2	72.1	13	1662.0	-	11.031091

Table 223 - FCC Long Pulse Radar Trial#16 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.3	13	1886.0	-	0.859428
2	3	92.9	13	1345.0	1997.0	1.487035
3	2	95.5	13	1836.0	-	2.028130
4	2	87.6	13	1255.0	-	3.238407
5	2	64.0	13	1719.0	-	4.043549
6	2	64.9	13	1510.0	-	5.298955
7	2	68.8	13	1527.0	-	6.095714
8	2	92.2	13	1887.0	-	7.033310
9	3	80.3	13	1585.0	1778.0	8.870054
10	2	65.9	13	1506.0	-	9.550739
11	2	50.2	13	1372.0	-	10.527127
12	2	73.3	13	1312.0	-	11.515031

Table 224 - FCC Long Pulse Radar Trial#17 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	55.8	15	1808.0	1551.0	0.146632
2	1	83.7	15	-	-	1.595755
3	3	69.2	15	1546.0	1831.0	1.870819
4	2	71.7	15	1652.0	-	3.014607
5	2	76.2	15	1013.0	-	3.442235
6	2	54.9	15	1184.0	-	5.113509
7	1	50.2	15	-	-	5.486715
8	2	51.9	15	1393.0	-	6.778071
9	2	95.1	15	1483.0	-	7.509446
10	3	68.6	15	1212.0	1875.0	8.523199
11	1	84.0	15	-	-	9.109123
12	2	76.8	15	1725.0	-	10.222357
13	3	94.7	15	1141.0	1816.0	11.135764
14	3	57.2	15	1222.0	1150.0	11.545380

Table 225 - FCC Long Pulse Radar Trial#18 (NOT Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	94.3	5	1412.0	-	0.331262
2	1	96.9	5	-	-	1.518537
3	3	89.2	5	1646.0	1948.0	2.780523
4	2	65.1	5	1147.0	-	3.678184
5	1	96.7	5	-	-	4.043109
6	2	96.5	5	1172.0	-	5.164709
7	1	64.6	5	-	-	6.221031
8	2	98.1	5	1220.0	-	7.021691
9	2	98.4	5	1424.0	-	8.878187
10	1	99.5	5	-	-	9.724126
11	2	56.3	5	1017.0	-	10.359035
12	1	97.5	5	-	-	11.060996

Table 226 - FCC Long Pulse Radar Trial#19 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	60.8	12	1780.0	-	0.486646
2	1	89.2	12	-	-	1.368412
3	2	63.9	12	1846.0	-	2.115278
4	3	54.7	12	1600.0	1803.0	2.288400
5	2	69.3	12	1149.0	-	3.127328
6	3	57.3	12	1626.0	1221.0	3.629403
7	3	78.2	12	1389.0	1363.0	4.582046
8	3	71.3	12	1941.0	1958.0	5.421413
9	1	75.1	12	-	-	5.647759
10	1	50.8	12	-	-	6.638824
11	3	80.8	12	1080.0	1115.0	7.085994
12	2	82.8	12	1620.0	-	8.366166
13	2	81.5	12	1629.0	-	9.015125
14	2	79.7	12	1875.0	-	9.367907
15	2	77.6	12	1790.0	-	10.148768
16	3	58.5	12	1690.0	1684.0	10.914846
17	2	69.7	12	1586.0	-	11.741323

Table 227 - FCC Long Pulse Radar Trial#20 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	92.0	18	-	-	0.118645
2	2	82.9	18	1976.0	-	0.921844
3	2	64.4	18	1305.0	-	1.988291
4	3	88.6	18	1160.0	1342.0	2.450824
5	1	80.0	18	-	-	2.985981
6	3	98.0	18	1703.0	1462.0	3.830992
7	3	53.0	18	1915.0	1476.0	4.307324
8	3	61.1	18	1227.0	1278.0	5.570003
9	3	71.8	18	1574.0	1146.0	6.267538
10	2	55.2	18	1978.0	-	6.427959
11	3	65.5	18	1682.0	1769.0	7.161609
12	1	60.7	18	-	-	8.008342
13	2	91.7	18	1134.0	-	9.010127
14	2	55.6	18	1268.0	-	9.474834
15	1	98.0	18	-	-	10.101616
16	1	88.0	18	-	-	10.969581
17	1	72.1	18	-	-	11.740589

Table 228 - FCC Long Pulse Radar Trial#21 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	70.4	11	1527.0	1605.0	0.532868
2	3	66.4	11	1435.0	1904.0	1.515985
3	2	76.8	11	1165.0	-	2.250549
4	3	61.8	11	1161.0	1369.0	2.973442
5	2	90.3	11	1601.0	-	3.905177
6	3	97.6	11	1744.0	1053.0	4.667755
7	2	65.0	11	1022.0	-	5.296953
8	2	58.8	11	1143.0	-	6.011953
9	3	69.5	11	1701.0	1457.0	7.066231
10	2	96.6	11	1189.0	-	8.155794
11	2	94.8	11	1519.0	-	9.118977
12	2	74.3	11	1445.0	-	9.863591
13	1	99.3	11	-	-	10.290108
14	2	95.0	11	1922.0	-	11.326927

Table 229 - FCC Long Pulse Radar Trial#22 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	90.5	12	1280.0	1223.0	0.407016
2	1	89.6	12	-	-	1.289873
3	2	53.2	12	1401.0	-	2.522297
4	2	60.9	12	1453.0	-	2.867908
5	3	72.5	12	1173.0	1960.0	4.091453
6	2	87.5	12	1717.0	-	5.110559
7	2	91.0	12	1634.0	-	5.263849
8	2	80.9	12	1195.0	-	6.848692
9	1	96.7	12	-	-	7.291407
10	3	65.8	12	1355.0	1877.0	8.263793
11	2	77.0	12	1295.0	-	8.738252
12	2	78.1	12	1163.0	-	9.606627
13	2	78.4	12	1630.0	-	10.390063
14	2	87.8	12	1053.0	-	11.590978

Table 230 - FCC Long Pulse Radar Trial#23 (NOT Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	95.1	19	1109.0	-	1.228533
2	2	67.2	19	1409.0	-	1.678390
3	3	51.7	19	1189.0	1643.0	4.213572
4	1	99.2	19	-	-	4.569791
5	3	68.4	19	1193.0	1025.0	6.987881
6	2	59.7	19	1052.0	-	8.351998
7	1	77.6	19	-	-	9.794717
8	2	73.1	19	1823.0	-	11.193115

Table 231 - FCC Long Pulse Radar Trial#24 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	77.5	18	1159.0	1768.0	0.453494
2	3	72.0	18	1033.0	1286.0	0.996898
3	3	65.0	18	1590.0	1853.0	1.371669
4	3	88.5	18	1848.0	1544.0	2.511289
5	2	73.3	18	1302.0	-	2.822989
6	3	78.8	18	1373.0	1672.0	3.382569
7	2	61.3	18	1357.0	-	4.232634
8	3	86.1	18	1983.0	1583.0	4.855354
9	3	82.2	18	1319.0	1181.0	5.483941
10	1	67.2	18	-	-	5.701795
11	1	53.1	18	-	-	6.546748
12	1	61.4	18	-	-	7.158235
13	3	57.2	18	1200.0	1531.0	7.893592
14	2	91.0	18	1952.0	-	8.459870
15	2	93.9	18	1668.0	-	9.340946
16	3	76.4	18	1899.0	1673.0	9.823959
17	3	79.9	18	1967.0	1736.0	10.388071
18	2	70.3	18	1609.0	-	10.940210
19	2	71.5	18	1775.0	-	11.499964

Table 232 - FCC Long Pulse Radar Trial#25 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	76.9	8	1099.0	1482.0	0.409332
2	3	85.5	8	1390.0	1191.0	1.658602
3	2	66.3	8	1640.0	-	3.096978
4	2	94.0	8	1332.0	-	3.361074
5	2	98.9	8	1274.0	-	5.005315
6	2	85.6	8	1393.0	-	5.984750
7	3	57.9	8	1625.0	1351.0	7.558345
8	3	94.0	8	1074.0	1668.0	8.507705
9	2	59.1	8	1795.0	-	9.270182
10	2	81.4	8	1113.0	-	10.760413
11	1	50.8	8	-	-	11.315568

Table 233 - FCC Long Pulse Radar Trial#26 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	57.8	19	-	-	0.046627
2	2	73.6	19	1179.0	-	2.499331
3	1	69.0	19	-	-	3.316767
4	1	69.9	19	-	-	5.652789
5	3	52.1	19	1041.0	1675.0	7.107172
6	2	67.0	19	1108.0	-	8.196805
7	2	57.2	19	1343.0	-	9.923951
8	2	62.3	19	1362.0	-	11.263188

Table 234 - FCC Long Pulse Radar Trial#27 (NOT Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	1	60.2	14	-	-	0.382848
2	2	61.9	14	1906.0	-	1.794188
3	3	64.3	14	1793.0	1464.0	3.010224
4	3	92.3	14	1435.0	1288.0	5.077071
5	1	62.2	14	-	-	6.028763
6	2	88.2	14	1517.0	-	8.893637
7	3	79.0	14	1713.0	1935.0	9.130665
8	1	58.0	14	-	-	11.877677

Table 235 - FCC Long Pulse Radar Trial#28 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	53.9	11	1835.0	1439.0	0.159419
2	1	88.3	11	-	-	1.094161
3	1	83.6	11	-	-	1.796856
4	2	96.2	11	1928.0	-	2.927010
5	3	61.9	11	1082.0	1435.0	3.735819
6	3	74.6	11	1966.0	1250.0	4.176720
7	1	64.8	11	-	-	5.173313
8	3	73.3	11	1765.0	1569.0	6.376149
9	2	84.7	11	1226.0	-	6.454318
10	2	61.7	11	1930.0	-	7.795394
11	1	78.0	11	-	-	8.277877
12	1	91.4	11	-	-	9.117650
13	1	60.1	11	-	-	10.022438
14	2	79.1	11	1845.0	-	10.589093
15	3	71.2	11	1154.0	1108.0	11.311935

Table 236 - FCC Long Pulse Radar Trial#29 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	3	58.3	7	1672.0	1177.0	0.467838
2	2	71.1	7	1785.0	-	2.082919
3	2	81.6	7	1370.0	-	2.596177
4	2	61.7	7	1993.0	-	4.207666
5	1	73.3	7	-	-	5.124824
6	2	88.1	7	1882.0	-	7.061986
7	3	50.5	7	1600.0	1605.0	7.781092
8	1	70.9	7	-	-	9.024726
9	3	52.3	7	1619.0	1122.0	9.805897
10	2	54.1	7	1233.0	-	11.750180

Table 237 - FCC Long Pulse Radar Trial#30 (Detected) 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Burst #	# Pulses	Pulse Width (us)	Chirp (MHz)	Interval 1 to 2 (us)	Interval 2 to 3 (us)	Start time (s)
1	2	93.5	9	1261.0	-	0.958596
2	3	98.5	9	1455.0	1407.0	1.484488
3	1	66.7	9	-	-	3.064605
4	1	55.0	9	-	-	4.344773
5	3	88.1	9	1587.0	1308.0	4.988716
6	1	83.0	9	-	-	6.144071
7	3	91.3	9	1344.0	1749.0	7.345990
8	3	91.2	9	1562.0	1966.0	7.809213
9	1	60.2	9	-	-	8.901721
10	1	62.6	9	-	-	10.034572
11	2	56.4	9	1341.0	-	11.827439

Table 238 - FCC frequency hopping radar Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
1	9	1.0	333.0	Yes	5670.0MHz, -63.0dBm	Hop sequence: 5301, 5477, 5373, 5331, 5427, 5570, 5598, 5716, 5414, 5634, 5379, 5550, 5465, 5587, 5658, 5497, 5268, 5397, 5540, 5318, 5422, 5407, 5340, 5412, 5689, 5696, 5476, 5519, 5383, 5566, 5631, 5672, 5560, 5256, 5439, 5364, 5395, 5607, 5411, 5406, 5698, 5306, 5697, 5282, 5692, 5561, 5543, 5581, 5515, 5527, 5670, 5336, 5354, 5651, 5335, 5440, 5576, 5382, 5602, 5552, 5657, 5468, 5386, 5690, 5372, 5718, 5433, 5451, 5484, 5409, 5475, 5494, 5327, 5693, 5629, 5603, 5676, 5262, 5416, 5446, 5534, 5721, 5338, 5308, 5599, 5674, 5491, 5393, 5530, 5283, 5479, 5621, 5326, 5447, 5592, 5640, 5424, 5685, 5636, 5344 (9 hits)
2	9	1.0	333.0	Yes	5673.0MHz, -63.0dBm	Hop sequence: 5523, 5587, 5284, 5454, 5262, 5261, 5353, 5343, 5347, 5681, 5497, 5485, 5363, 5424, 5614, 5575, 5452, 5571, 5449, 5438, 5318, 5690, 5444, 5265, 5542, 5530, 5645, 5639, 5630, 5546, 5451, 5395, 5474, 5279, 5365, 5709, 5537, 5633, 5251, 5434, 5355, 5475, 5271, 5471, 5687, 5272, 5505, 5707, 5482, 5465, 5708, 5715, 5595, 5298, 5400, 5644, 5568, 5525, 5332, 5342, 5277, 5699, 5443, 5447, 5376, 5346, 5458, 5692, 5448, 5675, 5522, 5508, 5263, 5719, 5354, 5649, 5301, 5551, 5280, 5397, 5373, 5269, 5387, 5669, 5464, 5507, 5569, 5283, 5440, 5694, 5586, 5492, 5445, 5486, 5622, 5461, 5394, 5327, 5613, 5688 (5 hits)
3	9	1.0	333.0	Yes	5676.7MHz, -63.0dBm	Hop sequence: 5360, 5577, 5332, 5498, 5335, 5308, 5641, 5475, 5688, 5340, 5601, 5364, 5456, 5400, 5496, 5714, 5366, 5319, 5654, 5530, 5682, 5689, 5356, 5554, 5627, 5380, 5514, 5429, 5350, 5665, 5359, 5545, 5454, 5405, 5567, 5669, 5420, 5288, 5562, 5252, 5437, 5591, 5675, 5421, 5719, 5638, 5628, 5561, 5383, 5389, 5424, 5565, 5668, 5607, 5432, 5473, 5578, 5697, 5266, 5263, 5313, 5265, 5538, 5525, 5537, 5416, 5316, 5593, 5352, 5455, 5492, 5459, 5674, 5362, 5341, 5469, 5619, 5662, 5520, 5590, 5270, 5268, 5342, 5298, 5392, 5576, 5460, 5632, 5602, 5369, 5452, 5497, 5446, 5431, 5386, 5722, 5312, 5430, 5464, 5555 (10 hits)
4	9	1.0	333.0	Yes	5680.1MHz, -63.0dBm	Hop sequence: 5540, 5713, 5564, 5315, 5414, 5455, 5629, 5683, 5546, 5331, 5524, 5655, 5440, 5467, 5470, 5640, 5676, 5401, 5579, 5522, 5644, 5476, 5717, 5604, 5281, 5277, 5722, 5385, 5570, 5392, 5651, 5610, 5279, 5320, 5289, 5657, 5693, 5263, 5472, 5354, 5538, 5554, 5492, 5346, 5575, 5678, 5487, 5662, 5497, 5596, 5702, 5300, 5624, 5299, 5561, 5452, 5602, 5326, 5686, 5442, 5454, 5712, 5714, 5669, 5371, 5566, 5260, 5510, 5310, 5398, 5681, 5314, 5361, 5419, 5664, 5616, 5287, 5569, 5600, 5276, 5322, 5534, 5413, 5348, 5609, 5581,

Table 238 - FCC frequency hopping radar Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5386, 5265, 5527, 5345, 5278, 5308, 5270, 5445, 5541, 5619, 5677, 5336, 5456, 5637 (12 hits)
5	9	1.0	333.0	Yes	5685.7MHz, -63.0dBm	Hop sequence: 5342, 5611, 5690, 5706, 5666, 5442, 5402, 5695, 5660, 5726, 5583, 5384, 5723, 5398, 5456, 5455, 5623, 5368, 5264, 5335, 5292, 5522, 5418, 5466, 5667, 5499, 5257, 5347, 5451, 5262, 5591, 5397, 5554, 5711, 5277, 5316, 5700, 5253, 5267, 5271, 5569, 5359, 5716, 5338, 5340, 5582, 5261, 5693, 5312, 5575, 5284, 5381, 5283, 5448, 5600, 5710, 5390, 5647, 5298, 5322, 5509, 5616, 5609, 5676, 5447, 5392, 5460, 5473, 5680, 5699, 5574, 5287, 5318, 5315, 5494, 5578, 5502, 5617, 5450, 5646, 5353, 5508, 5441, 5529, 5652, 5416, 5496, 5462, 5581, 5482, 5536, 5724, 5670, 5553, 5512, 5590, 5714, 5566, 5270, 5506 (7 hits)
6	9	1.0	333.0	Yes	5688.8MHz, -63.0dBm	Hop sequence: 5286, 5540, 5421, 5674, 5498, 5311, 5686, 5489, 5666, 5472, 5626, 5471, 5454, 5529, 5669, 5618, 5543, 5360, 5281, 5373, 5462, 5480, 5367, 5557, 5589, 5264, 5650, 5339, 5559, 5379, 5693, 5492, 5580, 5621, 5277, 5463, 5519, 5588, 5364, 5611, 5578, 5275, 5491, 5539, 5606, 5649, 5403, 5560, 5496, 5465, 5587, 5658, 5604, 5328, 5714, 5676, 5628, 5545, 5624, 5323, 5525, 5596, 5668, 5681, 5697, 5330, 5583, 5682, 5473, 5253, 5386, 5325, 5675, 5527, 5716, 5653, 5530, 5655, 5592, 5372, 5631, 5340, 5692, 5672, 5314, 5404, 5546, 5448, 5371, 5533, 5309, 5319, 5327, 5695, 5670, 5440, 5411, 5684, 5597, 5581 (15 hits)
7	9	1.0	333.0	Yes	5689.4MHz, -63.0dBm	Hop sequence: 5573, 5545, 5675, 5569, 5394, 5518, 5263, 5631, 5504, 5662, 5704, 5591, 5459, 5360, 5476, 5468, 5350, 5336, 5515, 5581, 5637, 5312, 5317, 5296, 5478, 5308, 5551, 5719, 5700, 5313, 5639, 5349, 5477, 5351, 5538, 5367, 5684, 5714, 5323, 5444, 5514, 5522, 5533, 5393, 5578, 5257, 5434, 5294, 5417, 5623, 5422, 5413, 5561, 5337, 5605, 5649, 5335, 5703, 5505, 5665, 5426, 5709, 5291, 5310, 5664, 5461, 5523, 5443, 5524, 5723, 5564, 5271, 5575, 5698, 5269, 5541, 5502, 5537, 5715, 5536, 5555, 5431, 5352, 5364, 5395, 5550, 5506, 5494, 5493, 5691, 5339, 5617, 5330, 5568, 5627, 5366, 5529, 5616, 5697, 5300 (5 hits)
8	9	1.0	333.0	Yes	5650.6MHz, -63.0dBm	Hop sequence: 5259, 5304, 5541, 5579, 5343, 5491, 5671, 5653, 5675, 5385, 5488, 5528, 5556, 5366, 5369, 5268, 5363, 5695, 5637, 5626, 5398, 5683, 5407, 5451, 5521, 5444, 5393, 5470, 5500, 5669, 5706, 5514, 5630, 5552, 5594, 5523, 5367, 5359, 5482, 5319, 5550, 5598, 5590, 5578, 5640, 5404, 5373, 5264, 5265, 5546, 5561, 5267, 5409, 5256, 5709, 5371, 5316, 5445, 5483, 5418, 5351, 5427,

Table 238 - FCC frequency hopping radar Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5377, 5497, 5450, 5722, 5382, 5718, 5724, 5379, 5634, 5624, 5570, 5534, 5544, 5281, 5641, 5332, 5339, 5455, 5481, 5275, 5663, 5678, 5327, 5422, 5306, 5636, 5621, 5461, 5593, 5691, 5278, 5346, 5557, 5647, 5562, 5554, 5279, 5467 (7 hits)
9	9	1.0	333.0	Yes	5651.7MHz, -63.0dBm	Hop sequence: 5511, 5499, 5614, 5502, 5568, 5602, 5675, 5613, 5494, 5579, 5599, 5678, 5250, 5352, 5609, 5254, 5351, 5322, 5335, 5586, 5561, 5685, 5482, 5392, 5269, 5629, 5340, 5662, 5267, 5386, 5498, 5426, 5520, 5382, 5422, 5397, 5537, 5363, 5633, 5446, 5441, 5366, 5256, 5571, 5503, 5414, 5300, 5489, 5454, 5370, 5453, 5305, 5529, 5318, 5680, 5604, 5682, 5587, 5432, 5298, 5578, 5308, 5643, 5278, 5475, 5399, 5505, 5286, 5517, 5408, 5700, 5512, 5328, 5417, 5348, 5658, 5379, 5410, 5315, 5320, 5452, 5647, 5543, 5303, 5326, 5648, 5538, 5527, 5362, 5361, 5251, 5293, 5477, 5712, 5263, 5621, 5455, 5266, 5268, 5252 (7 hits)
10	9	1.0	333.0	Yes	5654.6MHz, -63.0dBm	Hop sequence: 5711, 5534, 5286, 5591, 5681, 5522, 5276, 5722, 5353, 5592, 5433, 5367, 5351, 5557, 5447, 5267, 5543, 5283, 5665, 5357, 5551, 5662, 5724, 5379, 5666, 5577, 5348, 5360, 5556, 5643, 5278, 5695, 5296, 5714, 5686, 5504, 5533, 5598, 5567, 5250, 5440, 5700, 5281, 5526, 5313, 5425, 5617, 5664, 5255, 5449, 5679, 5473, 5284, 5322, 5572, 5680, 5667, 5265, 5384, 5309, 5394, 5570, 5563, 5649, 5480, 5652, 5562, 5515, 5268, 5361, 5272, 5633, 5553, 5571, 5315, 5395, 5354, 5693, 5689, 5723, 5355, 5370, 5671, 5629, 5295, 5254, 5708, 5324, 5460, 5342, 5428, 5312, 5719, 5687, 5600, 5706, 5583, 5631, 5318, 5419 (13 hits)
11	9	1.0	333.0	Yes	5657.1MHz, -63.0dBm	Hop sequence: 5450, 5692, 5538, 5623, 5590, 5565, 5592, 5308, 5564, 5428, 5531, 5550, 5715, 5253, 5497, 5468, 5522, 5270, 5328, 5599, 5619, 5648, 5632, 5470, 5273, 5321, 5395, 5611, 5544, 5617, 5591, 5380, 5667, 5723, 5352, 5452, 5287, 5311, 5573, 5577, 5633, 5610, 5337, 5387, 5509, 5489, 5513, 5556, 5289, 5320, 5578, 5362, 5459, 5641, 5453, 5698, 5307, 5660, 5358, 5702, 5384, 5626, 5689, 5574, 5267, 5361, 5266, 5424, 5650, 5474, 5518, 5280, 5325, 5680, 5269, 5398, 5332, 5322, 5504, 5376, 5493, 5410, 5539, 5444, 5596, 5417, 5569, 5722, 5327, 5713, 5445, 5541, 5516, 5463, 5427, 5436, 5602, 5654, 5268, 5563 (5 hits)
12	9	1.0	333.0	Yes	5663.4MHz, -63.0dBm	Hop sequence: 5377, 5609, 5300, 5628, 5470, 5552, 5606, 5633, 5576, 5505, 5303, 5660, 5686, 5625, 5413, 5622, 5510, 5679, 5438, 5452, 5532, 5651, 5594, 5555, 5262, 5254, 5627, 5365, 5492, 5416, 5398, 5685, 5313, 5315, 5350, 5424, 5664, 5320,

Table 238 - FCC frequency hopping radar Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5306, 5512, 5406, 5621, 5421, 5402, 5343, 5688, 5565, 5581, 5282, 5368, 5337, 5299, 5458, 5620, 5503, 5273, 5394, 5707, 5497, 5431, 5642, 5519, 5382, 5321, 5348, 5322, 5475, 5619, 5429, 5459, 5379, 5507, 5370, 5480, 5539, 5655, 5423, 5347, 5617, 5267, 5600, 5410, 5363, 5279, 5464, 5485, 5596, 5535, 5481, 5252, 5592, 5574, 5296, 5355, 5488, 5270, 5691, 5432, 5597, 5445 (8 hits)
13	9	1.0	333.0	Yes	5665.3MHz, -63.0dBm	Hop sequence: 5299, 5638, 5530, 5668, 5374, 5470, 5648, 5254, 5503, 5696, 5542, 5565, 5602, 5308, 5446, 5573, 5465, 5714, 5336, 5474, 5278, 5657, 5651, 5641, 5522, 5701, 5469, 5528, 5678, 5389, 5416, 5646, 5306, 5722, 5255, 5584, 5266, 5637, 5660, 5527, 5296, 5558, 5705, 5604, 5529, 5553, 5272, 5596, 5533, 5567, 5263, 5353, 5300, 5520, 5665, 5510, 5605, 5462, 5394, 5629, 5572, 5597, 5519, 5477, 5494, 5271, 5574, 5358, 5363, 5364, 5692, 5610, 5562, 5430, 5667, 5709, 5509, 5662, 5545, 5329, 5480, 5407, 5643, 5340, 5327, 5370, 5324, 5483, 5644, 5725, 5595, 5454, 5627, 5322, 5268, 5694, 5492, 5548, 5418, 5438 (8 hits)
14	9	1.0	333.0	Yes	5669.6MHz, -63.0dBm	Hop sequence: 5585, 5618, 5492, 5461, 5415, 5271, 5682, 5657, 5320, 5392, 5624, 5439, 5352, 5644, 5552, 5658, 5289, 5463, 5589, 5380, 5580, 5357, 5716, 5404, 5573, 5333, 5723, 5584, 5465, 5374, 5720, 5487, 5338, 5704, 5673, 5627, 5663, 5632, 5377, 5445, 5347, 5412, 5703, 5581, 5546, 5648, 5397, 5681, 5567, 5511, 5279, 5313, 5578, 5699, 5383, 5253, 5628, 5371, 5385, 5572, 5355, 5549, 5421, 5534, 5634, 5647, 5524, 5263, 5276, 5695, 5590, 5398, 5725, 5337, 5693, 5261, 5369, 5389, 5326, 5443, 5490, 5485, 5520, 5466, 5583, 5402, 5616, 5277, 5700, 5335, 5559, 5327, 5345, 5491, 5459, 5294, 5651, 5671, 5477, 5292 (8 hits)
15	9	1.0	333.0	Yes	5670.8MHz, -63.0dBm	Hop sequence: 5410, 5494, 5500, 5509, 5336, 5490, 5437, 5257, 5408, 5311, 5285, 5604, 5638, 5441, 5549, 5586, 5477, 5595, 5590, 5723, 5583, 5438, 5607, 5640, 5656, 5297, 5633, 5469, 5253, 5661, 5387, 5259, 5367, 5261, 5614, 5354, 5331, 5475, 5326, 5635, 5312, 5567, 5721, 5611, 5584, 5550, 5608, 5349, 5329, 5283, 5600, 5678, 5493, 5288, 5675, 5681, 5482, 5338, 5569, 5302, 5411, 5399, 5597, 5563, 5501, 5585, 5487, 5486, 5422, 5461, 5289, 5682, 5341, 5455, 5512, 5467, 5458, 5697, 5292, 5539, 5704, 5685, 5353, 5484, 5701, 5555, 5470, 5405, 5525, 5423, 5376, 5407, 5383, 5269, 5572, 5325, 5361, 5389, 5337, 5716 (7 hits)
16	9	1.0	333.0	Yes	5676.4MHz, -63.0dBm	Hop sequence: 5473, 5271, 5468, 5579, 5382, 5682, 5520, 5288, 5499, 5713, 5589, 5497, 5455, 5597,

Table 238 - FCC frequency hopping radar Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5653, 5704, 5416, 5599, 5567, 5659, 5322, 5627, 5443, 5583, 5551, 5553, 5533, 5637, 5331, 5323, 5692, 5543, 5489, 5254, 5306, 5694, 5539, 5602, 5257, 5400, 5282, 5591, 5607, 5326, 5397, 5335, 5683, 5341, 5574, 5658, 5481, 5509, 5688, 5528, 5351, 5510, 5310, 5612, 5424, 5324, 5606, 5684, 5460, 5545, 5608, 5529, 5251, 5634, 5569, 5511, 5252, 5484, 5470, 5403, 5654, 5707, 5440, 5648, 5556, 5519, 5555, 5296, 5317, 5630, 5516, 5472, 5563, 5593, 5598, 5699, 5566, 5312, 5263, 5674, 5530, 5336, 5269, 5362, 5572, 5394 (9 hits)
17	9	1.0	333.0	Yes	5682.8MHz, -63.0dBm	Hop sequence: 5262, 5458, 5393, 5374, 5303, 5300, 5718, 5283, 5644, 5355, 5368, 5396, 5550, 5332, 5384, 5682, 5351, 5720, 5564, 5257, 5581, 5683, 5319, 5295, 5520, 5495, 5361, 5376, 5272, 5327, 5620, 5264, 5346, 5456, 5553, 5723, 5507, 5450, 5624, 5380, 5650, 5331, 5449, 5265, 5702, 5310, 5615, 5359, 5512, 5557, 5666, 5260, 5570, 5690, 5636, 5254, 5255, 5322, 5461, 5273, 5538, 5634, 5591, 5697, 5379, 5471, 5453, 5427, 5646, 5357, 5360, 5692, 5701, 5578, 5511, 5612, 5598, 5640, 5664, 5626, 5277, 5431, 5444, 5280, 5455, 5289, 5383, 5670, 5645, 5493, 5635, 5561, 5703, 5492, 5438, 5649, 5350, 5593, 5672, 5324 (6 hits)
18	9	1.0	333.0	Yes	5689.4MHz, -63.0dBm	Hop sequence: 5388, 5453, 5302, 5486, 5297, 5325, 5631, 5683, 5500, 5392, 5318, 5261, 5685, 5301, 5630, 5270, 5584, 5490, 5418, 5360, 5507, 5284, 5619, 5570, 5527, 5277, 5441, 5321, 5468, 5293, 5327, 5695, 5696, 5653, 5612, 5533, 5589, 5577, 5568, 5334, 5560, 5425, 5446, 5578, 5450, 5614, 5610, 5256, 5309, 5314, 5430, 5606, 5299, 5616, 5677, 5373, 5642, 5668, 5336, 5280, 5586, 5657, 5556, 5703, 5369, 5593, 5698, 5429, 5669, 5550, 5479, 5262, 5403, 5647, 5480, 5330, 5639, 5250, 5557, 5252, 5340, 5716, 5343, 5615, 5275, 5618, 5636, 5424, 5352, 5354, 5567, 5520, 5291, 5724, 5672, 5401, 5266, 5451, 5509, 5707 (8 hits)
19	9	1.0	333.0	Yes	5650.6MHz, -63.0dBm	Hop sequence: 5591, 5569, 5558, 5652, 5670, 5503, 5615, 5489, 5660, 5576, 5447, 5383, 5268, 5491, 5429, 5495, 5393, 5461, 5335, 5696, 5511, 5597, 5446, 5463, 5694, 5678, 5317, 5555, 5494, 5481, 5560, 5498, 5630, 5720, 5264, 5705, 5478, 5607, 5413, 5396, 5304, 5356, 5394, 5646, 5347, 5433, 5472, 5405, 5351, 5721, 5681, 5427, 5612, 5507, 5353, 5346, 5580, 5305, 5291, 5499, 5584, 5640, 5403, 5637, 5253, 5672, 5697, 5682, 5363, 5469, 5593, 5719, 5263, 5415, 5354, 5577, 5664, 5515, 5344, 5633, 5419, 5365, 5272, 5397, 5613, 5482, 5431, 5400, 5333, 5420, 5658, 5674, 5661, 5387, 5687, 5339, 5350, 5563, 5693, 5385 (12 hits)

Table 238 - FCC frequency hopping radar Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
20	9	1.0	333.0	Yes	5651.0MHz, -63.0dBm	Hop sequence: 5724, 5655, 5329, 5309, 5364, 5675, 5451, 5369, 5531, 5447, 5532, 5654, 5682, 5312, 5368, 5632, 5600, 5670, 5454, 5302, 5376, 5578, 5403, 5614, 5384, 5679, 5363, 5264, 5366, 5559, 5552, 5417, 5430, 5575, 5569, 5326, 5332, 5425, 5517, 5519, 5255, 5337, 5611, 5668, 5289, 5438, 5434, 5407, 5660, 5270, 5354, 5560, 5371, 5314, 5619, 5563, 5294, 5394, 5503, 5259, 5712, 5285, 5327, 5539, 5426, 5523, 5286, 5649, 5721, 5433, 5491, 5469, 5485, 5540, 5620, 5338, 5355, 5718, 5711, 5283, 5391, 5681, 5684, 5410, 5304, 5561, 5431, 5457, 5656, 5707, 5598, 5341, 5316, 5400, 5424, 5710, 5589, 5610, 5408, 5482 (11 hits)
21	9	1.0	333.0	Yes	5655.7MHz, -63.0dBm	Hop sequence: 5285, 5380, 5699, 5423, 5264, 5404, 5643, 5299, 5688, 5517, 5360, 5641, 5492, 5553, 5361, 5507, 5405, 5450, 5577, 5303, 5501, 5320, 5502, 5579, 5447, 5386, 5609, 5678, 5272, 5495, 5431, 5465, 5417, 5325, 5255, 5368, 5545, 5673, 5516, 5662, 5330, 5444, 5684, 5642, 5359, 5300, 5505, 5508, 5622, 5345, 5407, 5251, 5281, 5439, 5288, 5393, 5378, 5472, 5424, 5721, 5426, 5328, 5374, 5250, 5295, 5373, 5435, 5327, 5441, 5367, 5615, 5490, 5399, 5592, 5269, 5460, 5631, 5640, 5349, 5308, 5515, 5297, 5636, 5436, 5675, 5660, 5525, 5723, 5679, 5457, 5681, 5685, 5599, 5412, 5290, 5477, 5406, 5561, 5390, 5566 (10 hits)
22	9	1.0	333.0	Yes	5660.8MHz, -63.0dBm	Hop sequence: 5408, 5324, 5670, 5568, 5385, 5600, 5689, 5463, 5322, 5542, 5379, 5583, 5400, 5534, 5386, 5492, 5364, 5296, 5458, 5543, 5430, 5312, 5696, 5369, 5388, 5414, 5298, 5682, 5411, 5615, 5639, 5423, 5586, 5643, 5360, 5636, 5359, 5315, 5436, 5482, 5281, 5571, 5449, 5271, 5719, 5376, 5665, 5368, 5668, 5304, 5409, 5537, 5617, 5638, 5634, 5490, 5489, 5426, 5319, 5334, 5396, 5260, 5718, 5301, 5460, 5661, 5567, 5565, 5618, 5381, 5455, 5255, 5444, 5619, 5673, 5303, 5365, 5536, 5293, 5269, 5694, 5352, 5394, 5437, 5524, 5497, 5306, 5307, 5373, 5627, 5581, 5633, 5570, 5358, 5257, 5333, 5412, 5564, 5341, 5282 (7 hits)
23	9	1.0	333.0	Yes	5666.0MHz, -63.0dBm	Hop sequence: 5263, 5702, 5665, 5532, 5563, 5262, 5625, 5426, 5368, 5319, 5394, 5364, 5466, 5482, 5294, 5682, 5352, 5609, 5598, 5333, 5594, 5697, 5701, 5583, 5516, 5628, 5623, 5282, 5289, 5265, 5461, 5476, 5448, 5479, 5544, 5432, 5496, 5626, 5538, 5460, 5714, 5380, 5315, 5506, 5720, 5632, 5321, 5588, 5634, 5488, 5285, 5562, 5451, 5686, 5457, 5600, 5419, 5327, 5556, 5511, 5688, 5640, 5515, 5478, 5707, 5420, 5573, 5520, 5376, 5381,

Table 238 - FCC frequency hopping radar Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)

Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5284, 5719, 5615, 5725, 5566, 5450, 5343, 5487, 5545, 5560, 5704, 5275, 5286, 5608, 5659, 5469, 5258, 5492, 5443, 5655, 5539, 5703, 5374, 5359, 5669, 5613, 5651, 5350, 5267, 5584 (8 hits)
24	9	1.0	333.0	Yes	5667.6MHz, -63.0dBm	Hop sequence: 5701, 5462, 5382, 5725, 5432, 5424, 5327, 5316, 5356, 5313, 5546, 5312, 5720, 5550, 5721, 5684, 5277, 5402, 5256, 5522, 5282, 5545, 5359, 5496, 5580, 5525, 5661, 5279, 5338, 5711, 5652, 5304, 5681, 5705, 5467, 5252, 5276, 5689, 5463, 5565, 5523, 5706, 5595, 5528, 5408, 5454, 5572, 5613, 5253, 5260, 5685, 5607, 5357, 5469, 5455, 5543, 5512, 5411, 5326, 5284, 5619, 5392, 5261, 5485, 5410, 5555, 5623, 5311, 5549, 5267, 5384, 5269, 5508, 5633, 5554, 5397, 5373, 5495, 5714, 5498, 5610, 5268, 5530, 5439, 5510, 5608, 5640, 5703, 5513, 5591, 5476, 5334, 5420, 5371, 5257, 5642, 5505, 5713, 5488, 5271 (6 hits)
25	9	1.0	333.0	Yes	5672.9MHz, -63.0dBm	Hop sequence: 5396, 5544, 5433, 5537, 5533, 5448, 5543, 5706, 5634, 5551, 5372, 5625, 5462, 5294, 5453, 5506, 5454, 5674, 5489, 5484, 5401, 5554, 5408, 5335, 5279, 5361, 5661, 5671, 5573, 5723, 5377, 5416, 5418, 5663, 5541, 5435, 5308, 5590, 5394, 5722, 5655, 5575, 5594, 5637, 5618, 5626, 5482, 5483, 5630, 5639, 5287, 5635, 5721, 5490, 5282, 5509, 5322, 5479, 5301, 5257, 5386, 5580, 5262, 5568, 5376, 5445, 5473, 5449, 5724, 5442, 5314, 5569, 5693, 5690, 5421, 5673, 5326, 5611, 5582, 5397, 5684, 5255, 5432, 5263, 5697, 5621, 5340, 5556, 5521, 5632, 5273, 5252, 5284, 5638, 5354, 5395, 5540, 5494, 5307, 5427 (7 hits)
26	9	1.0	333.0	Yes	5677.6MHz, -63.0dBm	Hop sequence: 5447, 5495, 5261, 5545, 5567, 5571, 5575, 5654, 5420, 5388, 5431, 5303, 5513, 5536, 5653, 5316, 5655, 5633, 5689, 5621, 5255, 5382, 5308, 5275, 5645, 5619, 5253, 5361, 5473, 5423, 5714, 5411, 5449, 5478, 5472, 5674, 5454, 5712, 5709, 5593, 5475, 5372, 5252, 5405, 5603, 5687, 5611, 5556, 5470, 5482, 5660, 5552, 5686, 5282, 5659, 5439, 5256, 5425, 5517, 5589, 5443, 5505, 5469, 5296, 5430, 5348, 5412, 5566, 5644, 5583, 5618, 5692, 5318, 5550, 5525, 5338, 5334, 5628, 5713, 5486, 5540, 5353, 5576, 5544, 5263, 5543, 5415, 5464, 5349, 5336, 5490, 5510, 5691, 5477, 5657, 5274, 5356, 5699, 5258, 5396 (10 hits)
27	9	1.0	333.0	Yes	5681.7MHz, -63.0dBm	Hop sequence: 5372, 5721, 5723, 5574, 5658, 5518, 5319, 5283, 5342, 5528, 5712, 5347, 5293, 5649, 5262, 5365, 5297, 5430, 5356, 5554, 5423, 5541, 5539, 5331, 5600, 5678, 5323, 5705, 5706, 5395, 5325, 5250, 5489, 5294, 5532, 5369, 5411, 5466, 5637, 5441, 5341, 5292, 5608, 5589, 5615, 5490, 5521, 5271, 5636, 5530, 5570, 5716, 5683, 5588,

Table 238 - FCC frequency hopping radar Results 40 MHz Tri Radio (Operating channel, 5670 MHz, channel 132+)						
Trial #	Pulses/ Burst	Pulse Width (us)	PRI (us)	Detected	Frequency and Level	Hopping Sequence
						5266, 5344, 5481, 5438, 5604, 5633, 5252, 5562, 5387, 5338, 5346, 5364, 5348, 5412, 5322, 5663, 5702, 5679, 5502, 5418, 5622, 5457, 5504, 5362, 5724, 5631, 5581, 5669, 5426, 5431, 5384, 5253, 5382, 5374, 5287, 5701, 5471, 5389, 5617, 5261, 5525, 5647, 5317, 5634, 5257, 5303 (6 hits)
28	9	1.0	333.0	Yes	5683.8MHz, -63.0dBm	Hop sequence: 5428, 5701, 5396, 5684, 5474, 5281, 5476, 5588, 5374, 5354, 5350, 5666, 5495, 5523, 5335, 5377, 5360, 5581, 5303, 5487, 5640, 5276, 5453, 5361, 5278, 5554, 5421, 5353, 5584, 5530, 5349, 5636, 5503, 5722, 5259, 5423, 5579, 5632, 5693, 5362, 5332, 5648, 5320, 5505, 5386, 5537, 5620, 5420, 5513, 5557, 5519, 5710, 5549, 5307, 5250, 5463, 5317, 5452, 5358, 5410, 5435, 5301, 5723, 5643, 5510, 5558, 5667, 5538, 5451, 5563, 5323, 5447, 5681, 5604, 5387, 5395, 5522, 5478, 5322, 5384, 5399, 5292, 5255, 5393, 5409, 5363, 5334, 5717, 5657, 5603, 5589, 5514, 5706, 5689, 5650, 5700, 5545, 5572, 5705, 5351 (6 hits)
29	9	1.0	333.0	Yes	5685.4MHz, -63.0dBm	Hop sequence: 5365, 5264, 5458, 5555, 5394, 5565, 5345, 5726, 5366, 5456, 5425, 5490, 5580, 5491, 5516, 5280, 5311, 5349, 5274, 5388, 5319, 5640, 5621, 5443, 5557, 5497, 5634, 5524, 5593, 5256, 5360, 5384, 5563, 5314, 5609, 5624, 5519, 5387, 5276, 5545, 5254, 5444, 5427, 5614, 5364, 5678, 5616, 5281, 5338, 5552, 5473, 5412, 5466, 5359, 5718, 5502, 5268, 5715, 5439, 5596, 5542, 5525, 5426, 5367, 5375, 5317, 5604, 5623, 5442, 5680, 5661, 5603, 5489, 5343, 5562, 5398, 5437, 5699, 5346, 5433, 5477, 5637, 5363, 5390, 5506, 5659, 5326, 5642, 5303, 5334, 5327, 5358, 5673, 5385, 5664, 5645, 5588, 5434, 5396, 5446 (6 hits)
30	9	1.0	333.0	Yes	5687.2MHz, -63.0dBm	Hop sequence: 5690, 5346, 5320, 5677, 5409, 5693, 5667, 5655, 5537, 5547, 5300, 5362, 5634, 5725, 5298, 5364, 5276, 5517, 5494, 5430, 5251, 5533, 5524, 5493, 5607, 5432, 5682, 5595, 5340, 5635, 5574, 5685, 5451, 5474, 5485, 5285, 5720, 5601, 5412, 5380, 5590, 5534, 5664, 5469, 5647, 5279, 5582, 5372, 5706, 5343, 5548, 5257, 5486, 5700, 5415, 5585, 5458, 5666, 5504, 5442, 5378, 5669, 5616, 5351, 5663, 5578, 5328, 5355, 5306, 5379, 5566, 5339, 5619, 5417, 5461, 5471, 5387, 5571, 5258, 5303, 5419, 5272, 5613, 5545, 5444, 5553, 5597, 5661, 5516, 5397, 5724, 5327, 5370, 5653, 5717, 5280, 5491, 5296, 5411, 5541 (11 hits)

Appendix C Test Data – Channel Availability Check

5250- 5350 MHz, 5470 – 5725 MHz

The Zero Wait DFS CAC does not transmit any data so no plot can be captured; therefore, test was performed using a log from the EUT. The first part of log indicates the timing of the CAC. The second part of the log shows the unit detected radar that was applied within 2 seconds of the start of the CAC and the EUT moved to different channel, and last part of the log shows the EUT detected radar that was applied 58 seconds after the start of the CAC and again the EUT moved to different channel. The highlighted text is provided for clarification and is not part of the EUT log file content.

ZWDFS – CAC Timing

Zero Wait DFS mode enabled
[377.591528] aruba_agile_dfs_req: [Agile_DFS] Command - Start Off-Channel CAC. seq_num:1 ch:60 ch_ext:1 center_freq:5310
[377.591556] dfs_start_agile_engine: [Agile_DFS] Off-Channel CAC Started. center_freq:5310 chwidth:40 timeout:60000 dfs_idx:0
[437.769363] dfs_mark_precac_done_for_freq: [Agile_DFS] Mark Pre-CAC done. node_freq:5290 center_ch_freq:5310 chan_freq[0]:5300
[437.769374] dfs_mark_precac_done_for_freq: [Agile_DFS] Mark Pre-CAC done. node_freq:5290 center_ch_freq:5310 chan_freq[1]:5320
Completed ZWDFS on channel 62 after 437.769374-377.591528 = 60.177846 seconds

ZWDFS - Radar at the beginning of CAC

System starts Zero Wait CAC on channel 56*
[975.010585] aruba_agile_dfs_req: [Agile_DFS] Command - Start Off-Channel CAC. seq_num:1 ch:56 ch_ext:0 center_freq:5280
[975.010613] dfs_start_agile_engine: [Agile_DFS] Off-Channel CAC Started. center_freq:5280 chwidth:20 timeout:60000 dfs_idx:0

Radar applied and detected ** radar applied at ~2s after start of CAC**
[976.881926] Radar found on Zero_Wait_DFS channel=56, freq=5280 MHz, filter_id=0
[976.881953] channel center_freq=5280 MHz, freq_offset=0 MHz
[976.882005] aruba_notify_radar_detected: asap_notify_radar_detected ieee_chan=56 filter_id=0
[976.882550] dfs_process_ocac_complete: [Agile_DFS] Off-Channel CAC Stopped. dfs_index:0

System starts new ZWDFS CAC on channel 60
[977.030242] aruba_agile_dfs_req: [Agile_DFS] Command - Start Off-Channel CAC. seq_num:2 ch:60 ch_ext:0 center_freq:5300
[977.030268] dfs_start_agile_engine: [Agile_DFS] Off-Channel CAC Started. center_freq:5300 chwidth:20 timeout:60000 dfs_idx:0
[1037.129357] dfs_mark_precac_done_for_freq: [Agile_DFS] Mark Pre-CAC done. node_freq:5290 center_ch_freq:5300 chan_freq[0]:5300
System completes ZWDFS CAC on channel 60 after 60 seconds

ZWDFS - Radar at the end of CAC

System starts Zero Wait CAC on channel 56*
[273.431350] aruba_agile_dfs_req: [Agile_DFS] Command - Start Off-Channel CAC. seq_num:1 ch:56 ch_ext:0 center_freq:5280
[273.431377] dfs_start_agile_engine: [Agile_DFS] Off-Channel CAC Started. center_freq:5280 chwidth:20 timeout:60000 dfs_idx:0

Radar applied and detected ** radar applied at ~58s after start of CAC**
[330.995886] Radar found on Zero_Wait_DFS channel=56, freq=5280 MHz, filter_id=0
[330.995913] channel center_freq=5280 MHz, freq_offset=0 MHz
[330.995973] aruba_notify_radar_detected: asap_notify_radar_detected ieee_chan=56 filter_id=0
[330.996528] dfs_process_ocac_complete: [Agile_DFS] Off-Channel CAC Stopped. dfs_index:0

System starts new ZWDFS CAC on channel 60
[331.778857] aruba_agile_dfs_req: [Agile_DFS] Command - Start Off-Channel CAC. seq_num:2 ch:60 ch_ext:0 center_freq:5300
[331.778886] dfs_start_agile_engine: [Agile_DFS] Off-Channel CAC Started. center_freq:5300 chwidth:20 timeout:60000 dfs_idx:0
[391.849371] dfs_mark_precac_done_for_freq: [Agile_DFS] Mark Pre-CAC done. node_freq:5290 center_ch_freq:5300 chan_freq[0]:5300
System completes ZWDFS CAC on channel 60 after 60 seconds

ZWDFS - Radar after the end of CAC

**System starts ZWDFS CAC on channel 56

[530.774753] aruba_agile_dfs_req: [Agile_DFS] Command - Start Off-Channel CAC. seq_num:4 ch:56 ch_ext:0 center_freq:5280
[530.774785] dfs_start_agile_engine: [Agile_DFS] Off-Channel CAC Started. center_freq:5280 chwidth:20 timeout:60000 dfs_idx:0

**System completed ZWDFS CAC on channel 56

[590.889378] dfs_mark_precac_done_for_freq: [Agile_DFS] Mark Pre-CAC done. node_freq:5290 center_ch_freq:5280 chan_freq[0]:5280

**Radar applied ~17s after CAC completed on channel 56

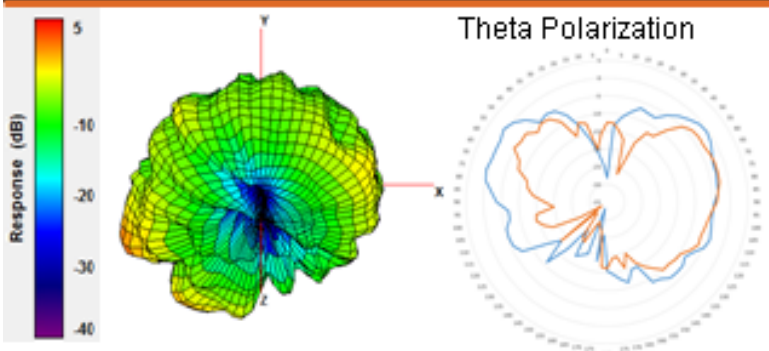
[607.785012] Radar found on Zero_Wait_DFS channel=56, freq=5280 MHz, filter_id=0
[607.785023] channel center_freq=5280 MHz, freq_offset=0 MHz
[607.785082] aruba_notify_radar_detected: asap_notify_radar_detected ieee_chan=56 filter_id=0
[607.785129] aruba_agile_dfs_unmark_precac_done_for_freq: [Agile_DFS] Clear Pre-CAC done. node_freq:5290 chan_freq[0]:5280
[607.785637] dfs_process_ocac_complete: [Agile_DFS] Off-Channel CAC Stopped. dfs_index:0

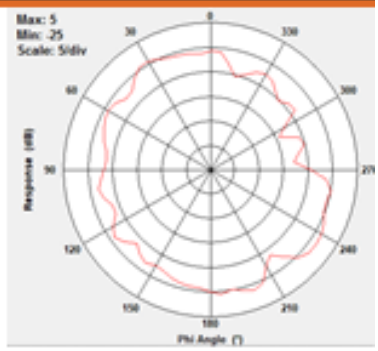
**System starts new ZWDFS CAC on channel 60

[608.428849] aruba_agile_dfs_req: [Agile_DFS] Command - Start Off-Channel CAC. seq_num:5 ch:60 ch_ext:0 center_freq:5300
[608.428876] dfs_start_agile_engine: [Agile_DFS] Off-Channel CAC Started. center_freq:5300 chwidth:20 timeout:60000 dfs_idx:0

Appendix D Antenna Specification

Antenna 0 at 5500 MHz (Dual band vertical)



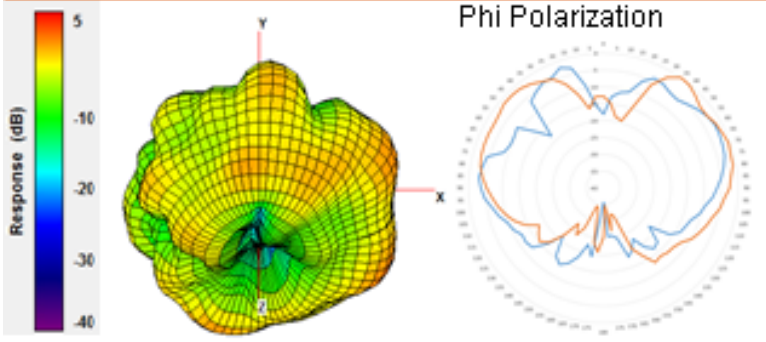


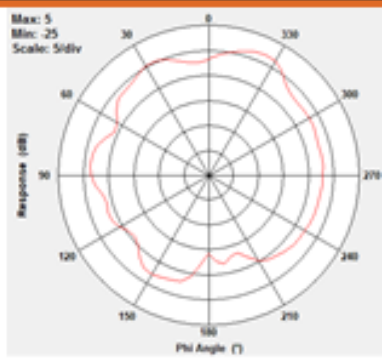
	5.18 GHz	5.5 GHz	5.875 GHz
Peak Gain (dBi)	5.5	3.2	2.6
Efficiency (%)	46	35	39

Theta = 60 cut

 7 aruba

Antenna 1 at 5.5 GHz (Dual band horizontal)



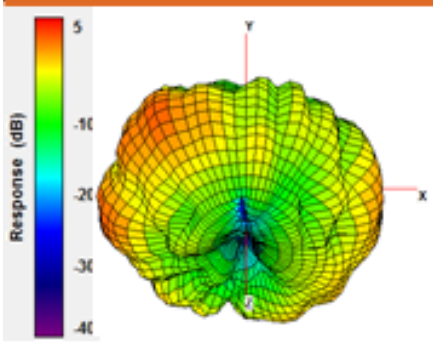


	5.18 GHz	5.5 GHz	5.875 GHz
Peak Gain (dBi)	3.7	3.4	4.9
Efficiency (%)	53	44	39

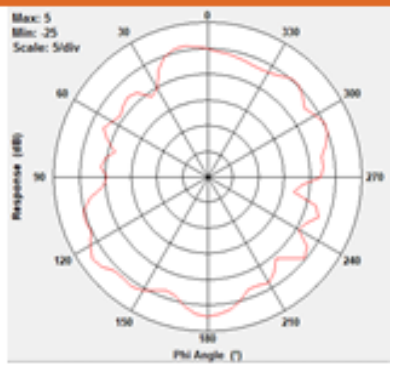
Theta = 60 cut

 10 aruba

Antenna 2 Patterns 5.5 GHz (Dual band vertical)



Theta Polarization

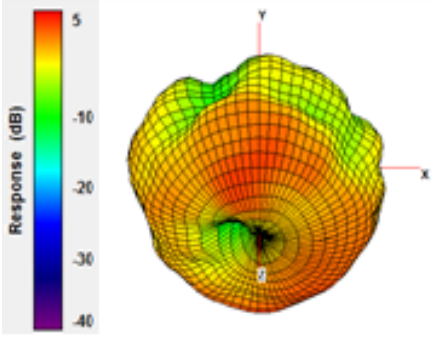


	5.18 GHz	5.5 GHz	5.875 GHz
Peak Gain (dBi)	5.3	2.8	3.0
Efficiency (%)	50	38	34

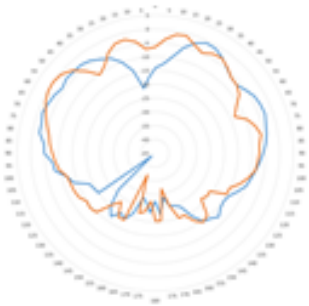
Theta = 60 cut

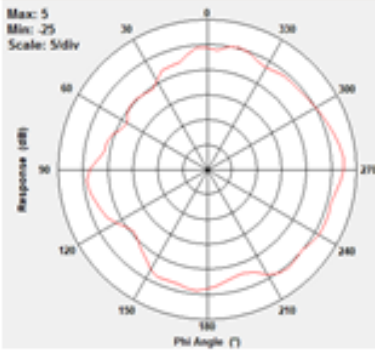
13
aruba

Antenna 3 at 5.5 GHz (Dual band horizontal)



Phi Polarization



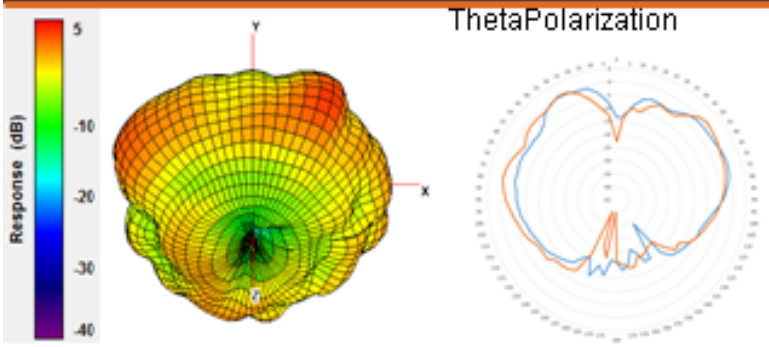


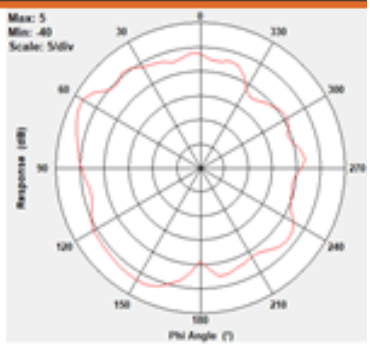
	5.18 GHz	5.5 GHz	5.875 GHz
Peak Gain (dBi)	2.9	3.6	2.4
Efficiency (%)	42	45	42

Theta = 60 cut

16
aruba

Ant 4 at 5.5 GHz (Dual band horizontal)



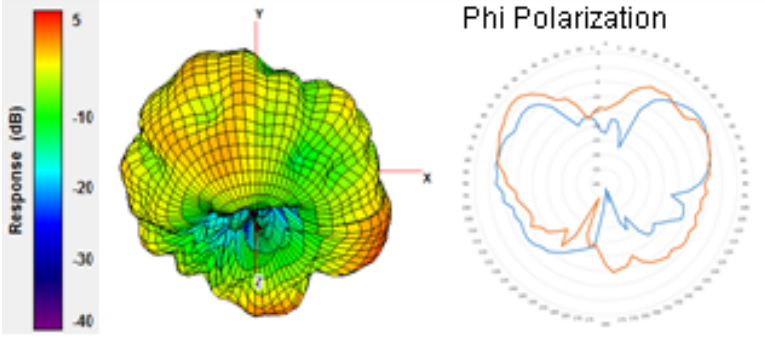


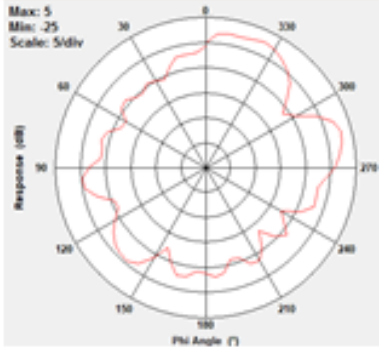
	5.18 GHz	5.5 GHz	5.875 GHz
Peak Gain (dBi)	4.3	4.5	3.5
Efficiency (%)	72	61	45

Theta = 60 cut

19
aruba

Antenna 5 Patterns 5.5 GHz (5 GHz vertical)



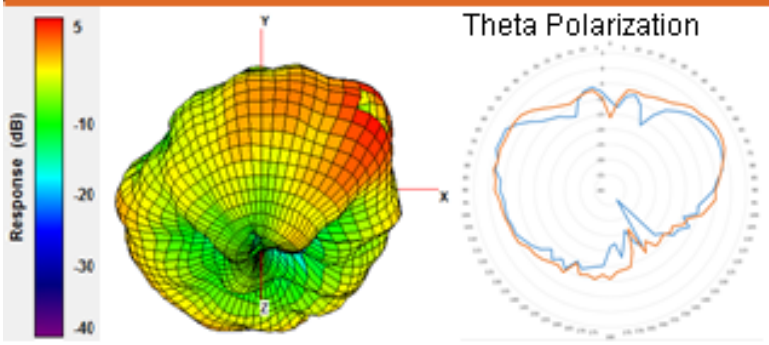


	5.18 GHz	5.5 GHz	5.875 GHz
Peak Gain (dBi)	4.5	3.3	4.1
Efficiency (%)	51	38	39

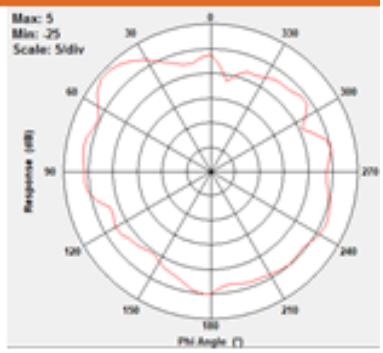
Theta = 60 cut

21
aruba

Antenna 6 at 5.5 GHz (5 GHz vertical)



Theta Polarization

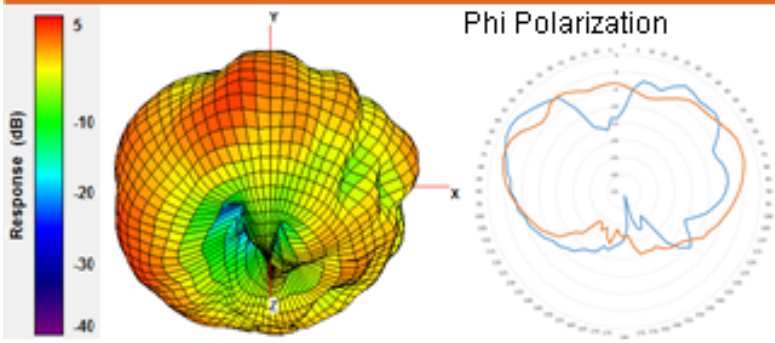


	5.18 GHz	5.5 GHz	5.875 GHz
Peak Gain (dBi)	5.8	5.4	5.6
Efficiency (%)	45	39	39

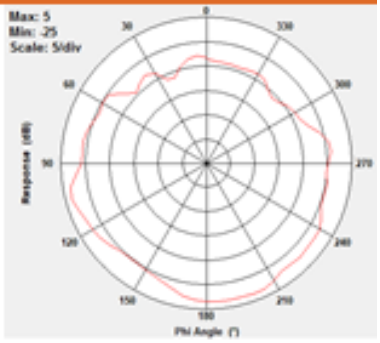
Theta = 60 cut

23
aruba

Antenna 7 at 5.5 GHz (5 GHz horizontal)



Phi Polarization

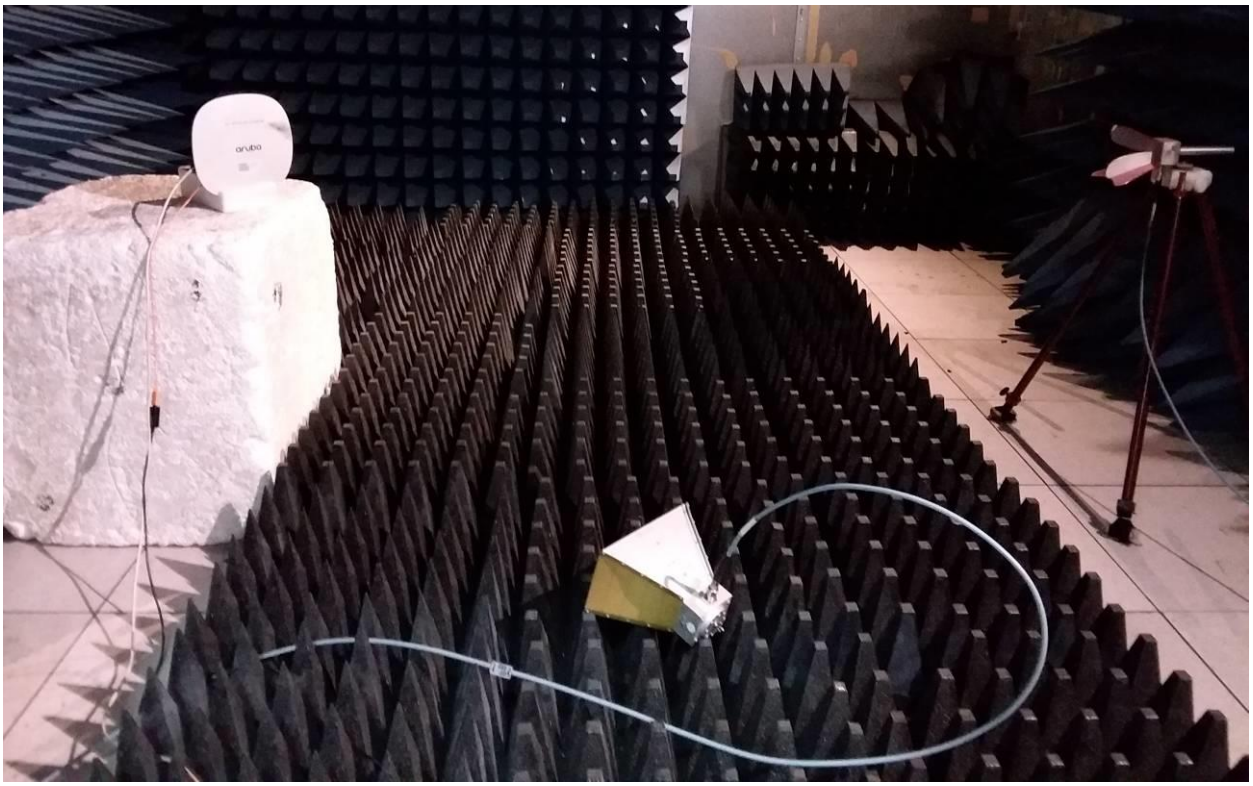


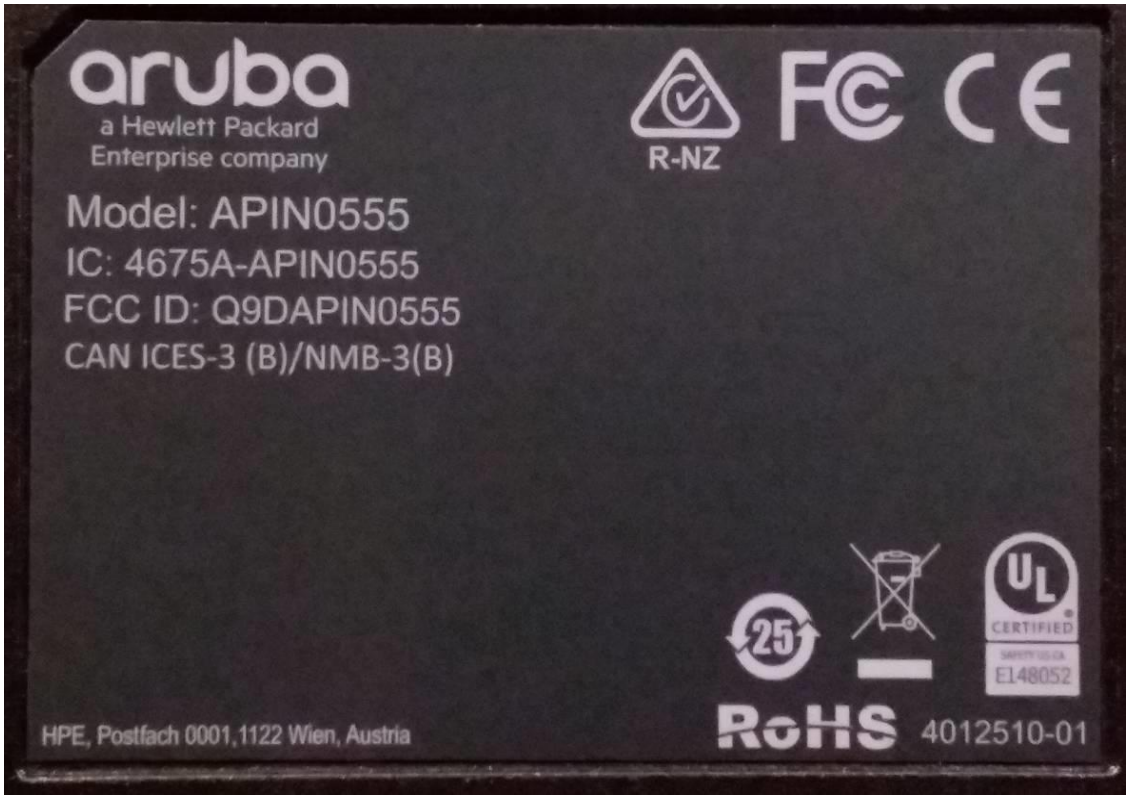
	5.18 GHz	5.5 GHz	5.875 GHz
Peak Gain (dBi)	3.9	3.6	2.8
Efficiency (%)	50	58	49

Theta = 60 cut

25
aruba

Appendix E Test Configuration Photograph(s)





End of Report

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