

DFS Test Report

Applicant : Control4
Product Type : 802.11ac 2x2 Wave 2 Access Point, Outdoor
Trade Name : pakedge
Model Number : WA-2200-O, WA-2200-O-1
Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013
Receive Date : Jun. 18, 2019
Test Period : Jul. 12 ~ Jul. 27, 2019
Issue Date : Aug. 02, 2019

Issue by

A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330
Test Firm MRA designation number: TW0010

Note:

- 1.The test results are valid only for samples provided by customers and under the test conditions described in this report.
- 2.This report shall not be reproduced except in full, without the written approval of A Test Lab Technology Corporation.
- 3.The relevant information is provided by customers in this test report. According to the correctness, appropriateness or completeness of the information provided by the customer, if there is any doubt or error in the information which affects the validity of the test results, the laboratory does not take the responsibility.



Revision History

Rev.	Issue Date	Revisions	Revised By
00	Aug. 02, 2019	Initial Issue	Tobey Cheng

Verification of Compliance

Issued Date: Aug. 02, 2019

Applicant : Control4
Product Type : 802.11ac 2x2 Wave 2 Access Point, Outdoor
Trade Name : pakedge
Model Number : WA-2200-O, WA-2200-O-1
FCC ID : R33WA2200-OUT
EUT Rated Voltage : DC 45 V, 0.6 A
Test Voltage : 120 Vac / 60 Hz
Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013
Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330
<http://www.atl-lab.com.tw/e-index.htm>



A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By : Fly Lu Reviewed By : Ken Yang
(Manager) (Fly Lu) (Testing Engineer) (Ken Yang)



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1 EUT Description

Applicant	Control4 11734 S. Election Road, Draper, Utah, 84020, United States				
Manufacturer	Control4 11734 S. Election Road, Draper, Utah, 84020, United States				
Product Type	802.11ac 2x2 Wave 2 Access Point, Outdoor				
Trade Name	pakedge				
Model Number	WA-2200-O, WA-2200-O-1				
Model Number Different Description	Those model numbers differ from each other in selling region.				
FCC ID	R33WA2200-OUT				
Operate Frequency	Frequency Band			Frequency Range (MHz)	Number of Channels
	IEEE 802.11a	U-NII Band II-A		5260 – 5320	3
		U-NII Band II-C		5500 – 5700	3
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz	U-NII Band II-A		5260 – 5320	3
		U-NII Band II-C		5500 – 5700	3
	IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz	U-NII Band II-A		5270 – 5310	2
		U-NII Band II-C		5510 – 5670	3
	IEEE 802.11ac 80 MHz	U-NII Band II-A		5290	1
U-NII Band II-C		5530	1		
Modulation Type	OFDM				
Equipment Type (DFS)	Master				
Antenna information	Antenna	Model	Type	Max. Gain (dBi)	
	ANT-0	5718A0382300	PIFA Antenna	U-NII Band II-A	5.57
				U-NII Band II-C	4.56
	ANT-1	5718A0382300	PIFA Antenna	U-NII Band II-A	6.26
				U-NII Band II-C	4.27
Antenna Delivery	IEEE 802.11a : 2TX IEEE 802.11ac 20 MHz / 40 MHz / 80 MHz : 2TX				
Frequency Stability Specification	± 20 ppm				
Operate Temp. Range	-20 ~ +65 °C				



Items	Description	
Communication Mode	☒ IP Based (Load Based)	☐ Frame Based
TPC Function	☐ With TPC	☒ Without TPC
Weather Band (5600 ~ 5650 MHz)	☐ With 5600 ~ 5650 MHz	☒ Without 5600 ~ 5650 MHz
Beamforming Function	☒ With Beamforming	☐ Without Beamforming
Equipment Type	☐ Outdoor access point (point-to-point)	
	☒ Outdoor access point (point-to-multipoint)	
	☐ Indoor access point	
	☐ Fixed point-to-point access points	
Operating mode	☐ Client devices	
	☒ Master	
	☐ Client with radar detection	
	☐ Client without radar detection	
	☐ Ad-Hoc	
	☐ Bridge	
Test AP FCC ID	PY315100319	

Note : DFS controls (hardware or software) related to radar detection are NOT accessible to the user.

Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user.



2 Test Methodology

The tests documented in this report were performed in accordance with ANSI C63.10-2013, FCC CFR 47 Part 2, FCC CFR 47 Part 15.

The tests documented in this report were performed in accordance with FCC KDB request:

- FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
- FCC KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02

3 Dynamic Frequency Selection

3.1. Limits

§15.407 (h) and FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 Compliance measurement procedures for unlicensed-national information infrastructure devcies operating in the 5250-5350 MHz and 5470-5725 MHz bands incorporating dynamic frequency selection.

Table 1: Applicability of DFS Requirements Prior to Use of a Channel			
Requirement	Operational Mode		
	Master	Client (without Radar Detection)	Client (with Radar Detection)
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation		
Requirement	Operational Mode	
	Master Device or Client With Radar Detection	Client without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	Master Device or Client With Radar Detection	Client without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note : Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in all 20 MHz channel blocks and a null frequencies between the bonded 20 MHz channel blocks		



Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection	
Maximum Transmit Power	Value (See Notes 1,2 and 3)
EIRP $\geq$ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and Power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note 3: EIRP is based on the highest antenna gain. For MIMO devices refer to FCC KDB Publication 662911 D01.	

Table 4: DFS Response Requirement Values	
Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100 % of the U-NII 99 % transmission power bandwidth. See Note 3.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	



Table 5: Short Pulse Radar Test Waveforms					
Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A	$\text{Roundup} \left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	60 %	30
2	1-5	150-230	23-29	60 %	30
3	6-10	200-500	16-18	60 %	30
4	11-20	200-500	12-16	60 %	30
Aggregate (Radar Types 1-4)				80 %	120
Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					



Table 5a: Pulse Repetition Intervals Values for Test A

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 6 – Long Pulse Radar Test Signal

Radar Waveform	Bursts	Pulses per Burst	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Minimum Percentage of Successful Detection	Minimum Trials
5	8-20	1-3	50-100	5-20	1000-2000	80 %	30

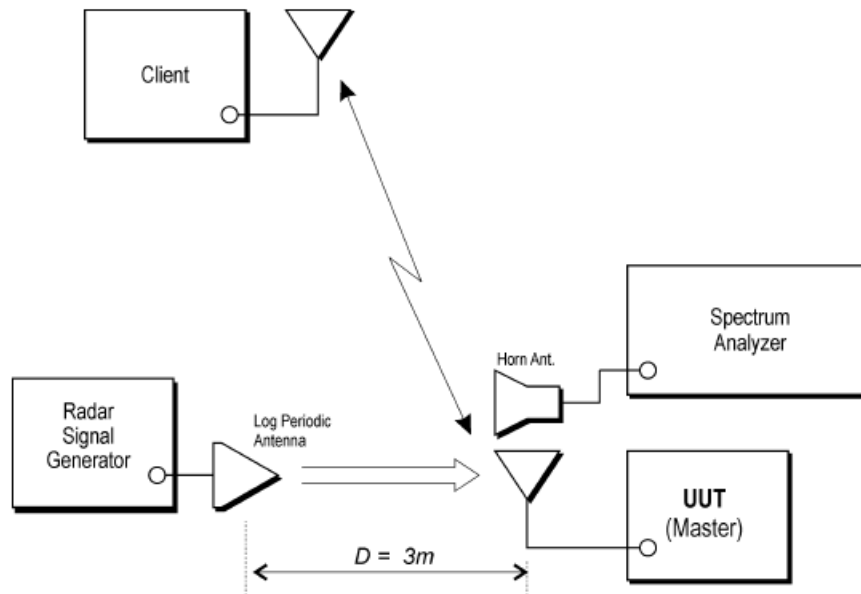
Table 7 – Frequency Hopping Radar Test Signal

Radar Waveform	Pulse Width (µsec)	PRI (µsec)	Burst Length (ms)	Pulses per Hop	Hopping Rate (kHz)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	300	9	0.333	70 %	30

3.2. Test and Measurement System

3.2.1. Setup for Master with injection at the Master

Example Radiated Setup where UUT is a Master and Radar Test Waveforms are injected into the Master



Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

	Product	Manufacturer	Model No.
1.	Notebook	ASUS	P2430U
2.	Ac Adapter	ASUS	ADP-65GD B
3.	Smart Phone	SAMSUNG	SM-N9208

3.2.2. System Calibration

The short pulse types 0,1,2, 3 and 4, and the long pulse type 5 parameters are randomized at run-time. The hopping type 6 pulse parameters are fixed while the hopping sequence is based on the May 2014 NTIA Hopping Frequency List. The initial starting point randomized at run-time and each subsequent starting point is incremented by 475. Each frequency in the 100-length segment is compared to the boundaries of the EUT Detection Bandwidth and the software creates a hopping burst pattern in accordance with Section 7.4.1.3 Method #2 Simulated Frequency Hopping Radar Waveform Generating Subsystem of FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 The frequency of the signal generator is incremented in 1 MHz steps from FL to FH for each successive trial. This incremental sequence is repeated as required to generate a minimum of 30 total trials and to maintain a uniform frequency distribution over the entire Detection Bandwidth.

The signal monitoring equipment consists of a spectrum analyzer. The aggregate ON time is calculated by multiplying the number of bins above a threshold during a particular observation period by the dwell time per bin, with the analyzer set to peak detection and max hold.

3.2.3. System Calibration

The Interference Radar Detection Threshold Level is (-63 dBm), The above equipment setup was used to calibrate the radiated Radar Waveform. A vector signal generator was utilized to establish the test signal level for each radar type. During this process there were replace 50 ohm terminal form Master and Client device and no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to at least 3 MHz.

The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was (-63 dBm). Capture the spectrum analyzer plots on short pulse radar types, long pulse radar type and hopping radar waveform.

3.2.4. Adjustment of Displayed Traffic Level

A link is established between the Master and Slave and the distance between the units is adjusted as needed to provide a suitable received level at the Master and Slave devices. Software to ping the client is permitted to simulate data transfer but must have random ping intervals. The monitoring antenna is adjusted so that the WLAN traffic level, as displayed on the spectrum analyzer, is at lower amplitude than the radar detection threshold.



3.3. Test Instruments

Test Period: Jul. 12 ~ Jul. 27, 2019

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/25/2018	1 year
Signal Generator	Agilent	N5182B	MY53050382	05/26/2019	1 year
Double Ridged Horn Antenna	ETS	3117	00152321	09/27/2018	1 year
Double-Ridged Waveguide Horn Antenna	ETS-Lindgren	3117	00128055	09/06/2018	1 year

Note N.C.R. = No Calibration Request.

4 Test Methodology

4.1. Mode of Operation

Decision of Test ATL has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode
Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode
Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode

IEEE 802.11ac 20 MHz Continuous TX mode:

Unless otherwise noted, all tests were performed with the radar burst at the channel center frequency of 5560 MHz.

IEEE 802.11ac 40 MHz Continuous TX mode:

Unless otherwise noted, all tests were performed with the radar burst at the channel center frequency of 5550 MHz.

IEEE 802.11ac 80 MHz Continuous TX mode:

Unless otherwise noted, all tests were performed with the radar burst at the channel center frequency of 5530 MHz.

4.2. EUT Test Step

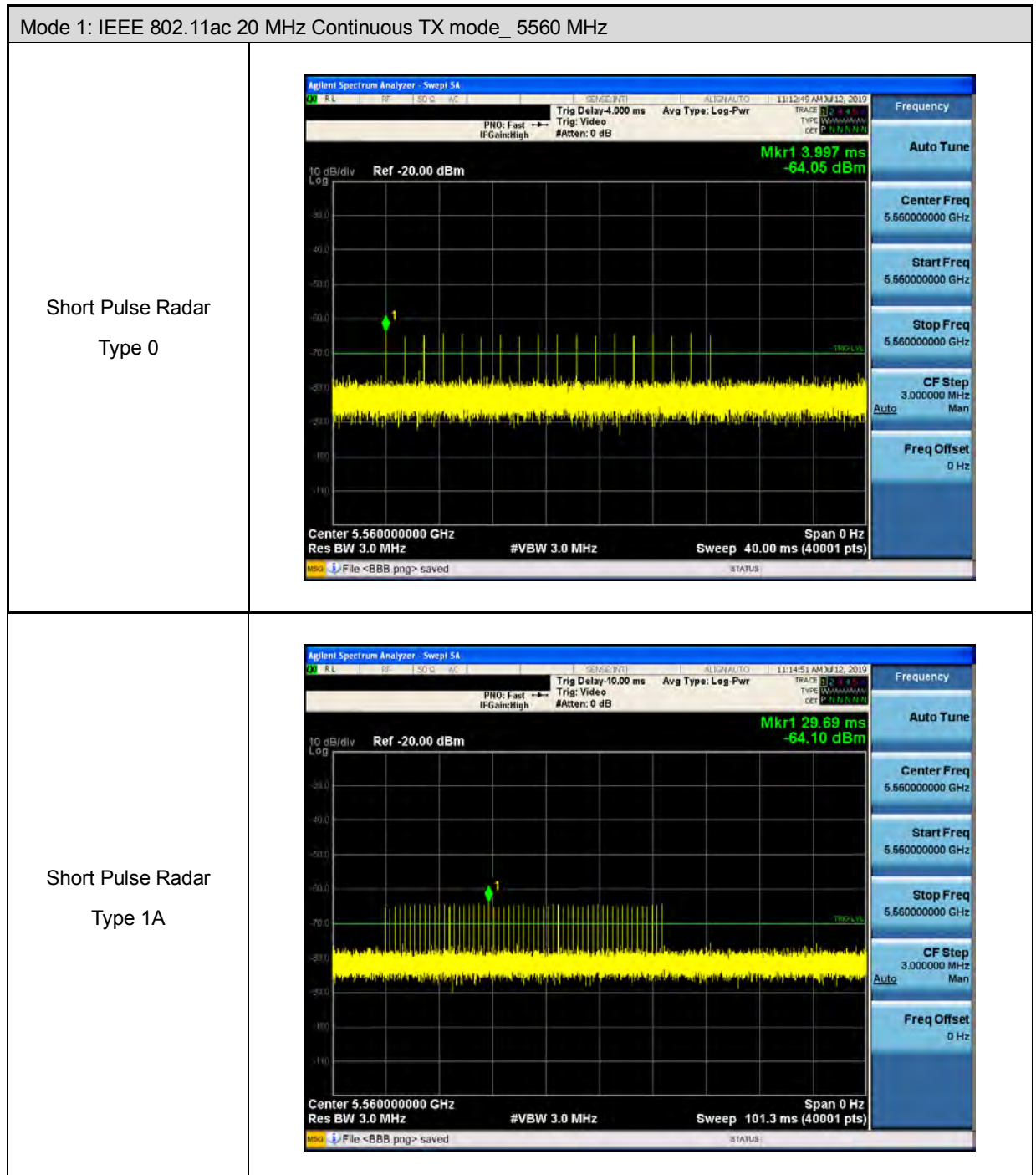
1.	Setup the EUT shown on 3.2.
2.	Turn on the power of all equipment.
3.	Turn on Wi-Fi function link to Notebook.
4.	The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement.

4.3. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	26
Humidity (%RH)	25-75	60
Barometric pressure (mbar)	860-1060	990

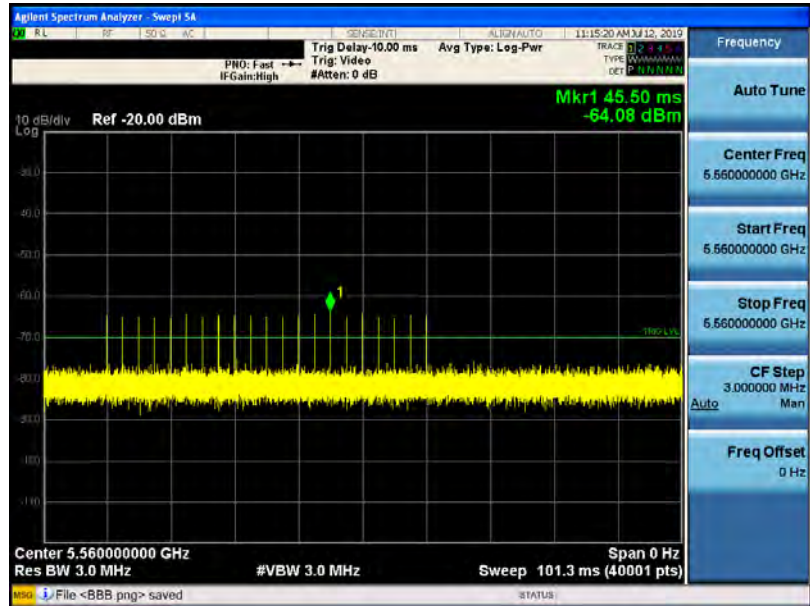
5 Test Results

5.1. Radar Waveforms and Traffic

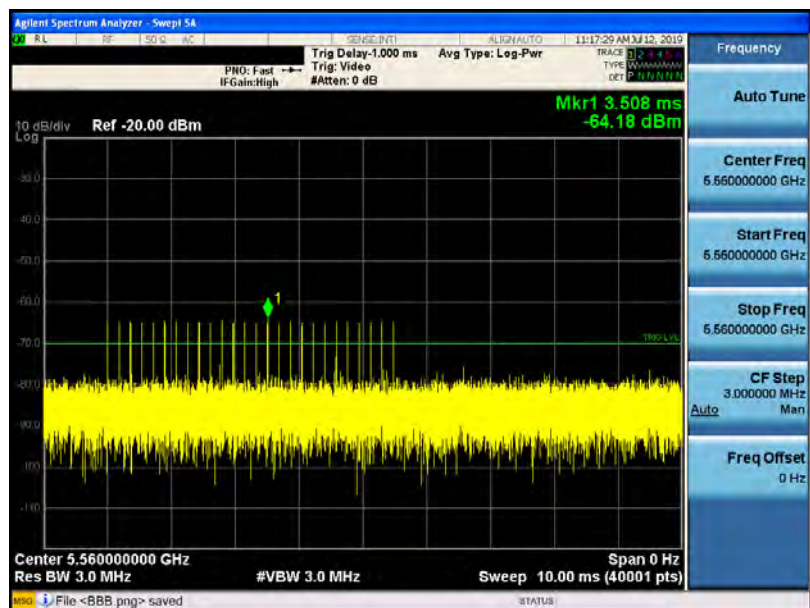


Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode_ 5560 MHz

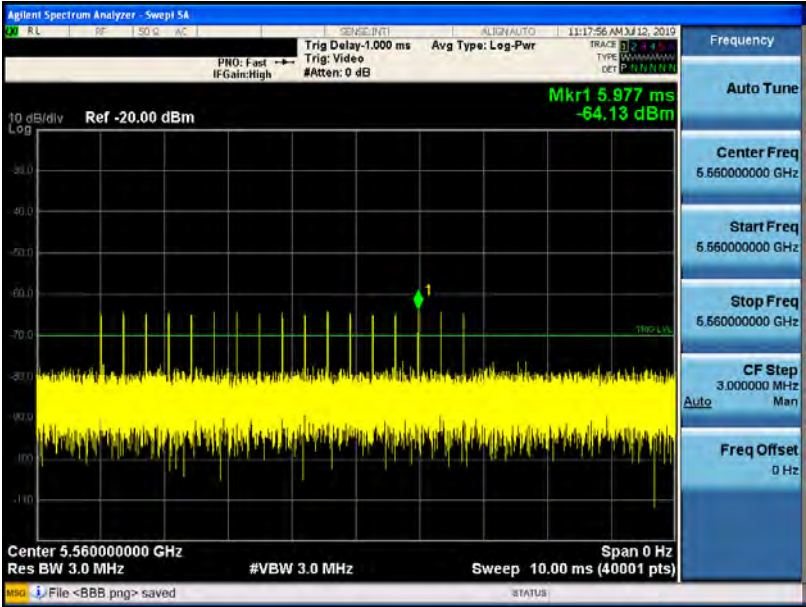
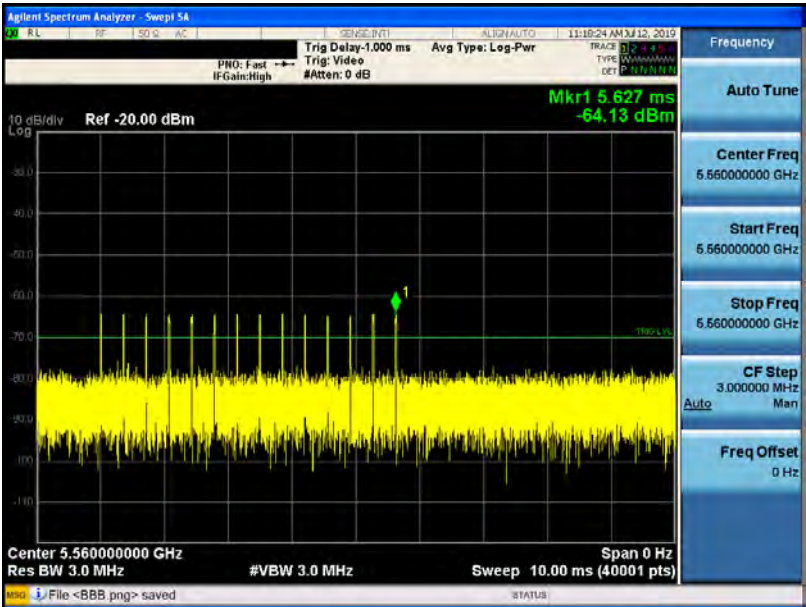
Short Pulse Radar
Type 1B



Short Pulse Radar
Type 2

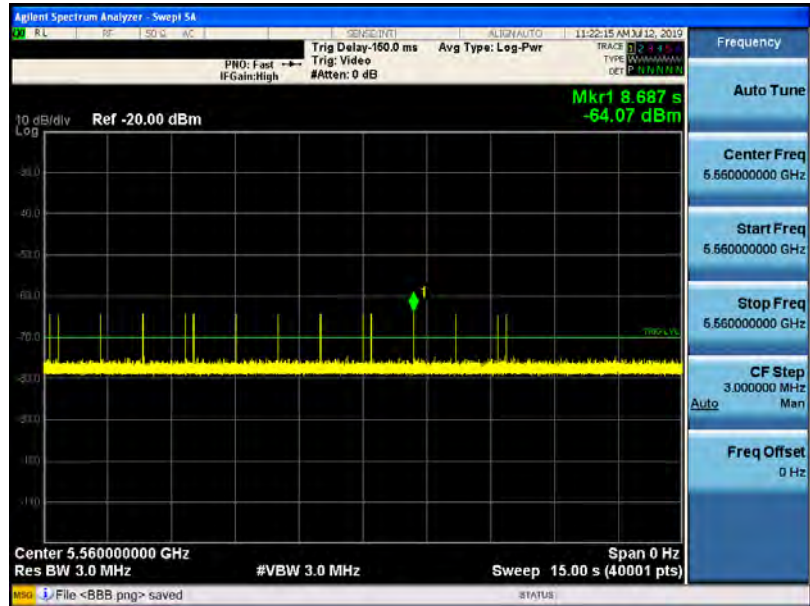




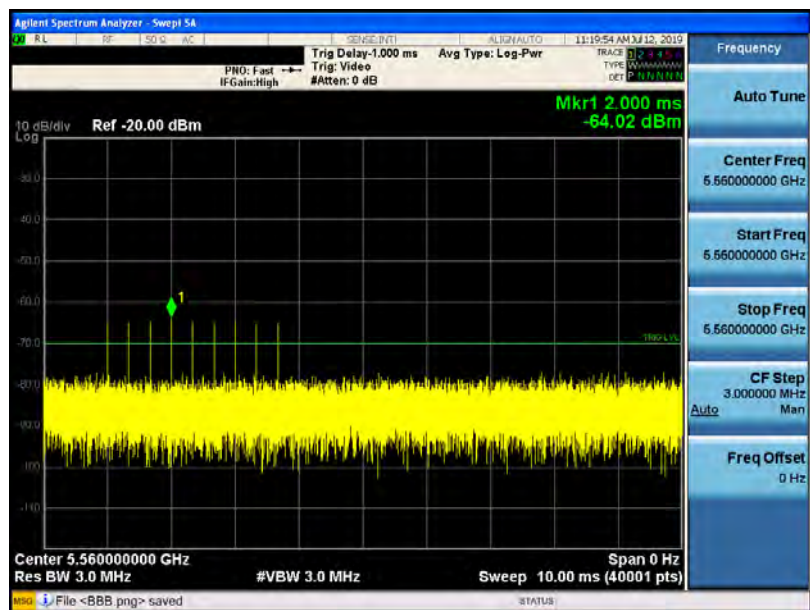
Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode_ 5560 MHz	
Short Pulse Radar Type 3	
Short Pulse Radar Type 4	

Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode_ 5560 MHz

Long Pulse Radar
Type 5

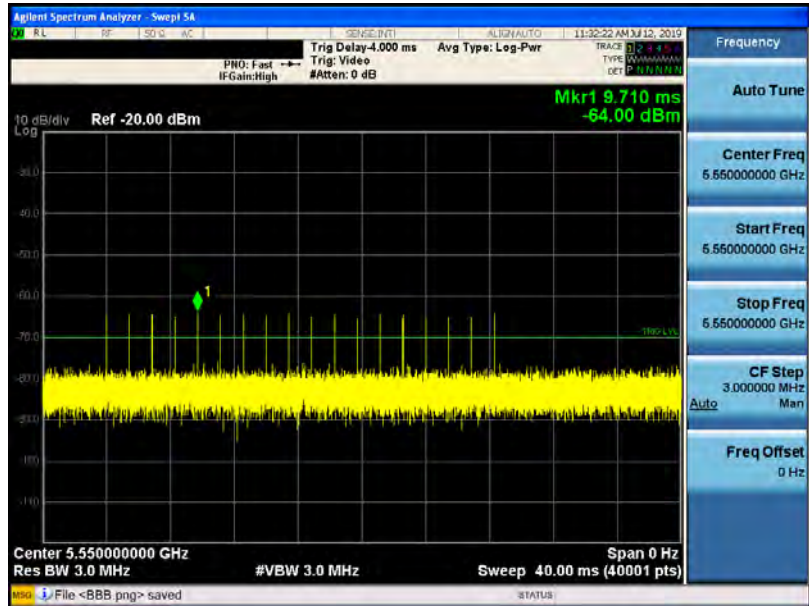


Frequency Hopping
Radar
Type 6

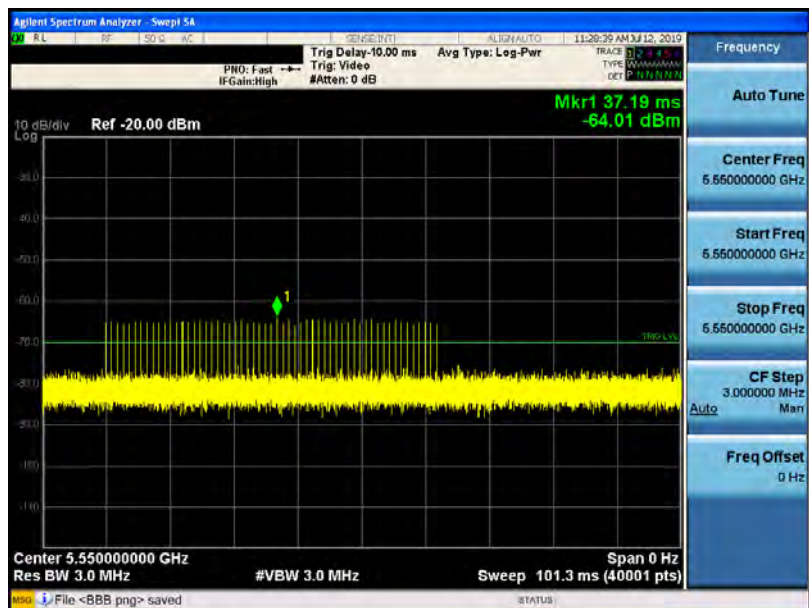


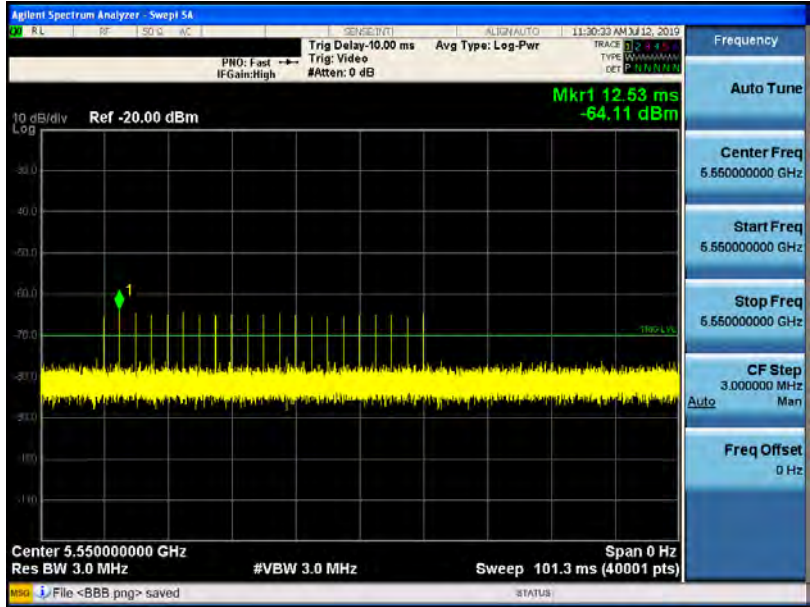
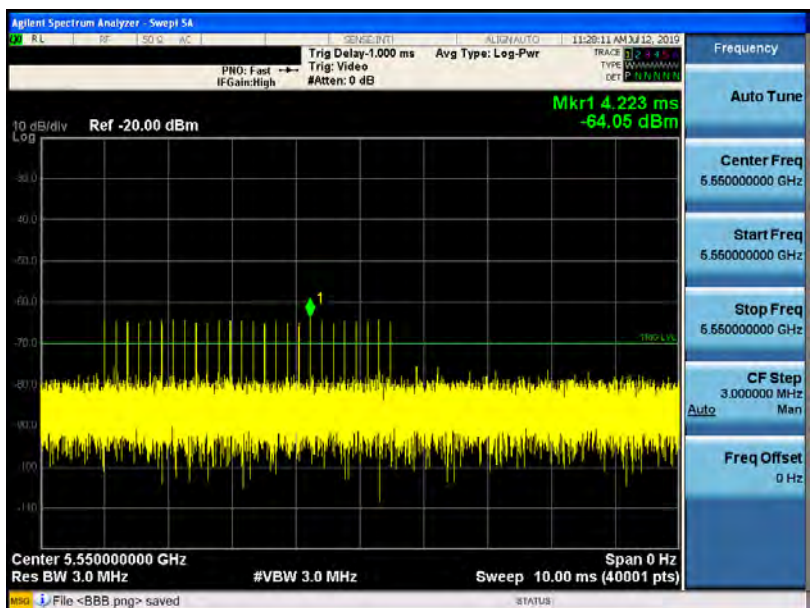
Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode_ 5550 MHz

Short Pulse Radar
Type 0



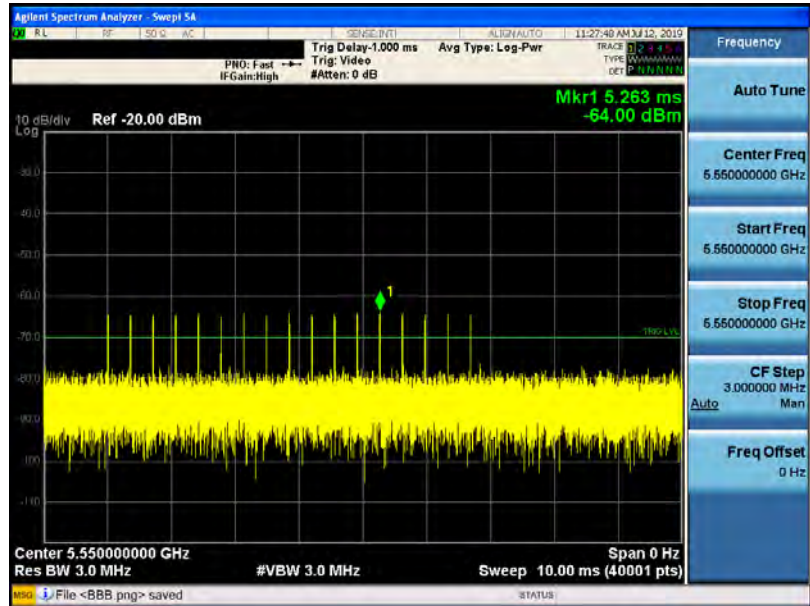
Short Pulse Radar
Type 1A



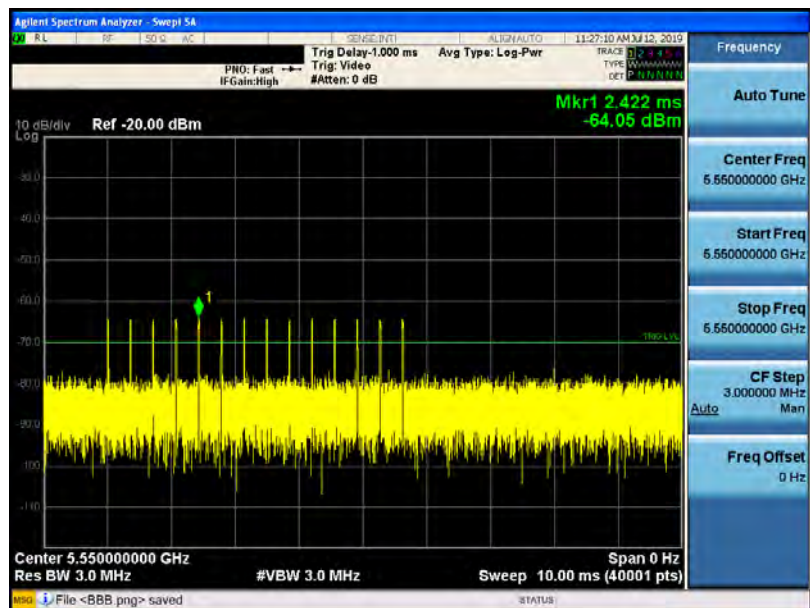
Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode_ 5550 MHz	
Short Pulse Radar Type 1B	
Short Pulse Radar Type 2	

Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode_ 5550 MHz

Short Pulse Radar
Type 3

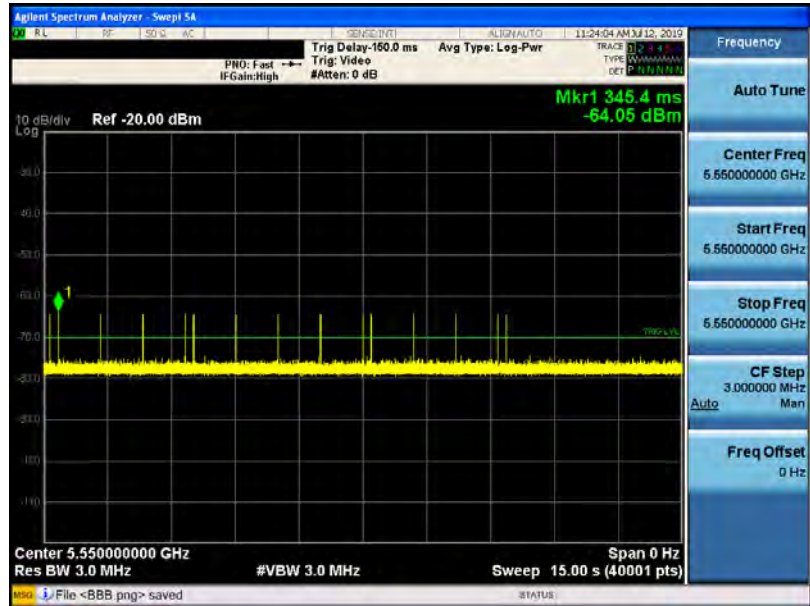


Short Pulse Radar
Type 4

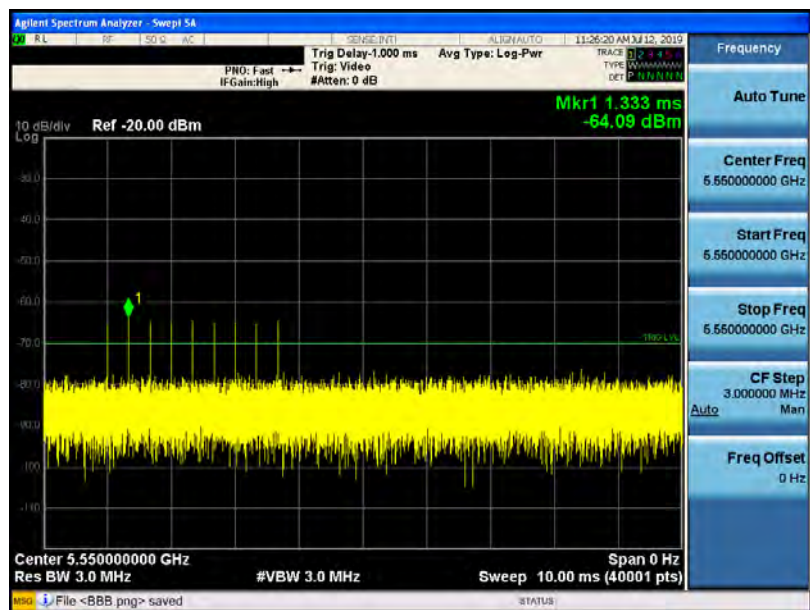


Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode_ 5550 MHz

Long Pulse Radar
Type 5

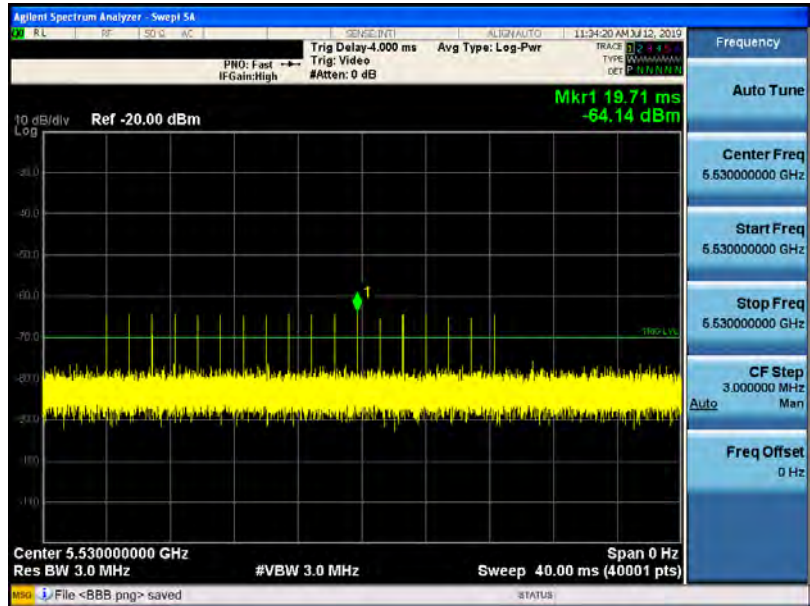


Frequency Hopping
Radar
Type 6

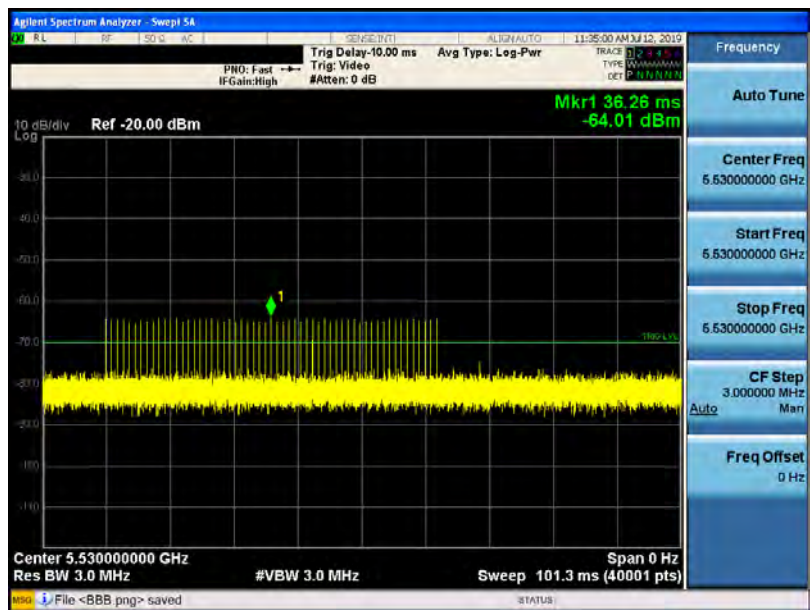


Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode_ 5530 MHz

Short Pulse Radar
Type 0

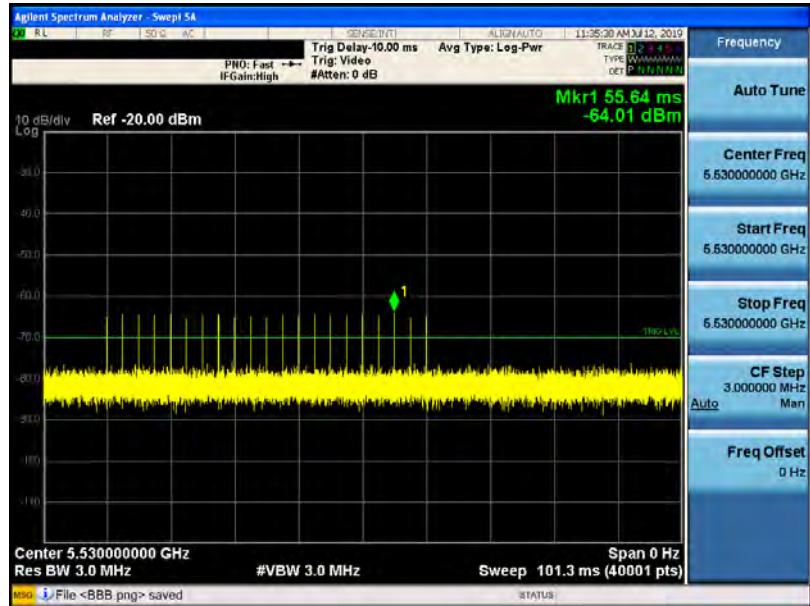


Short Pulse Radar
Type 1A

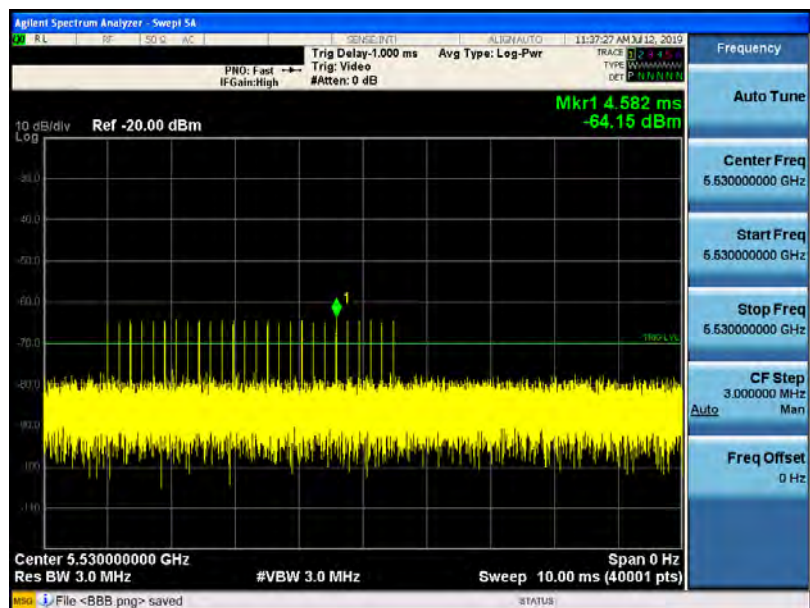


Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode_ 5530 MHz

Short Pulse Radar
Type 1B



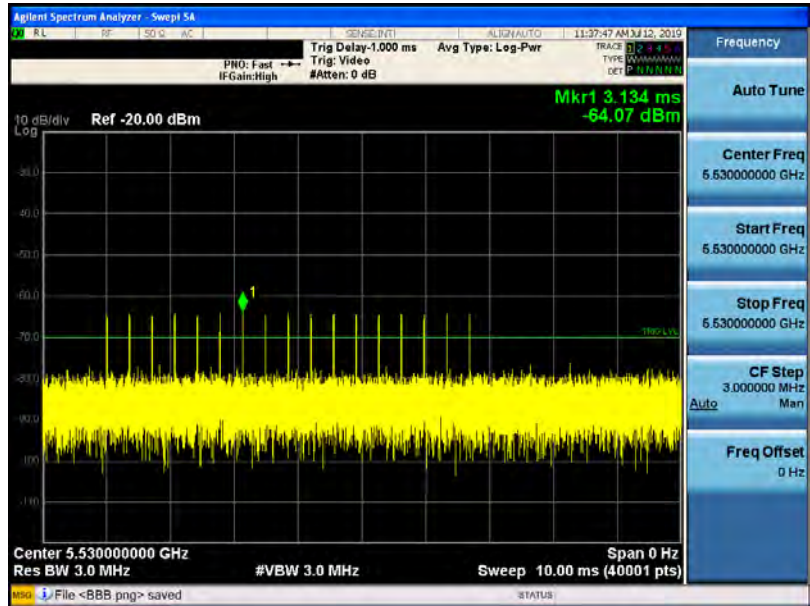
Short Pulse Radar
Type 2



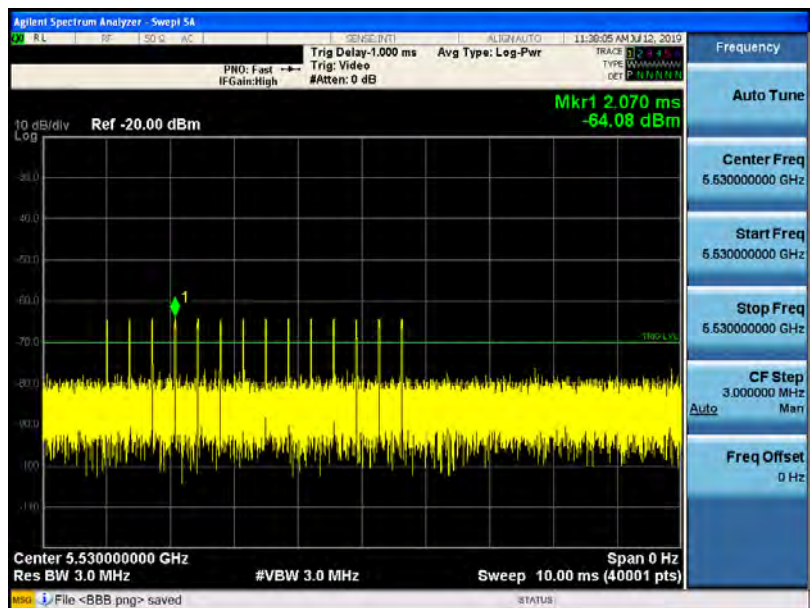


Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode_ 5530 MHz

Short Pulse Radar
Type 3

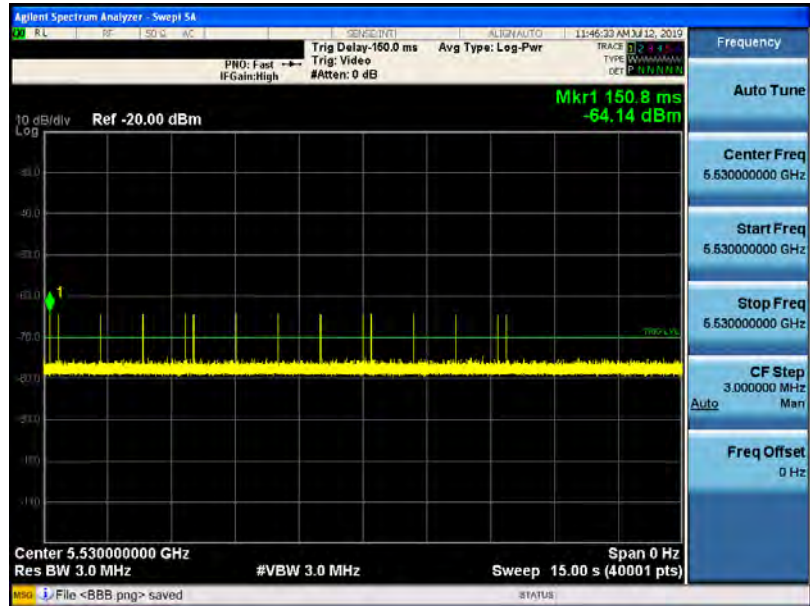


Short Pulse Radar
Type 4

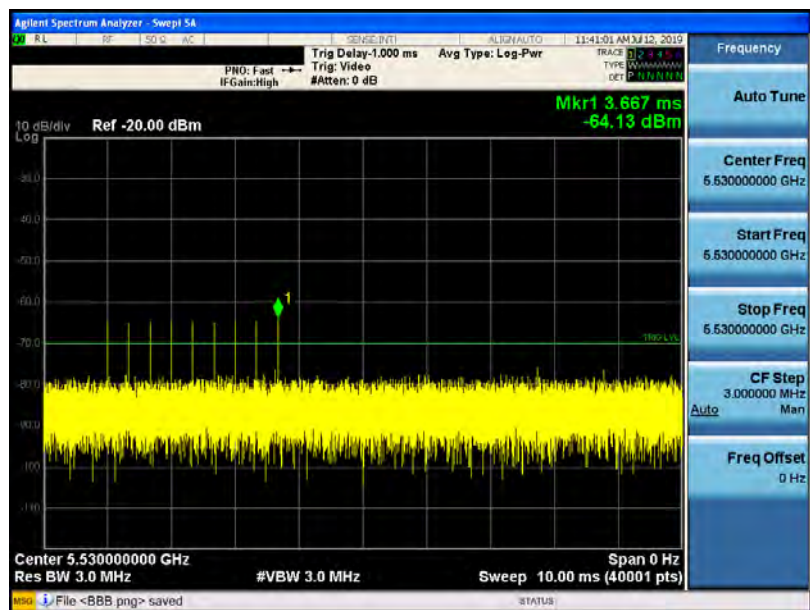


Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode_ 5530 MHz

Long Pulse Radar
Type 5



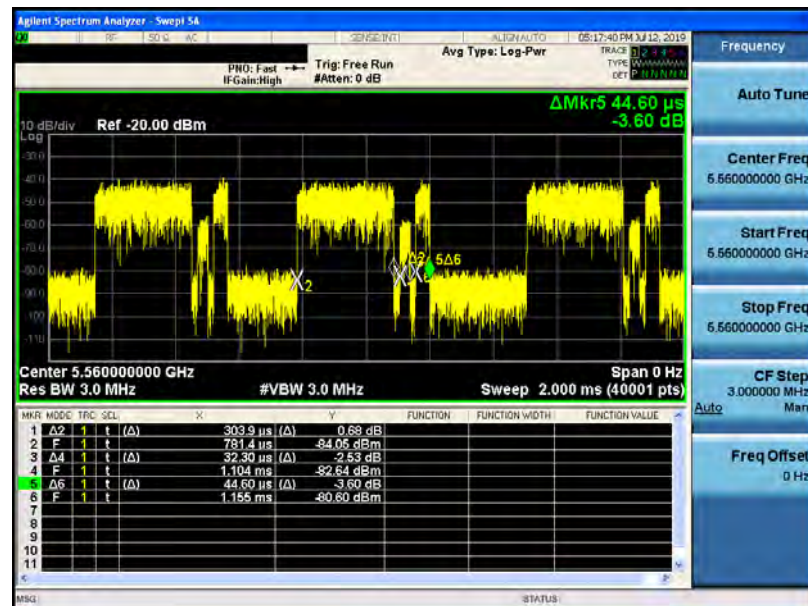
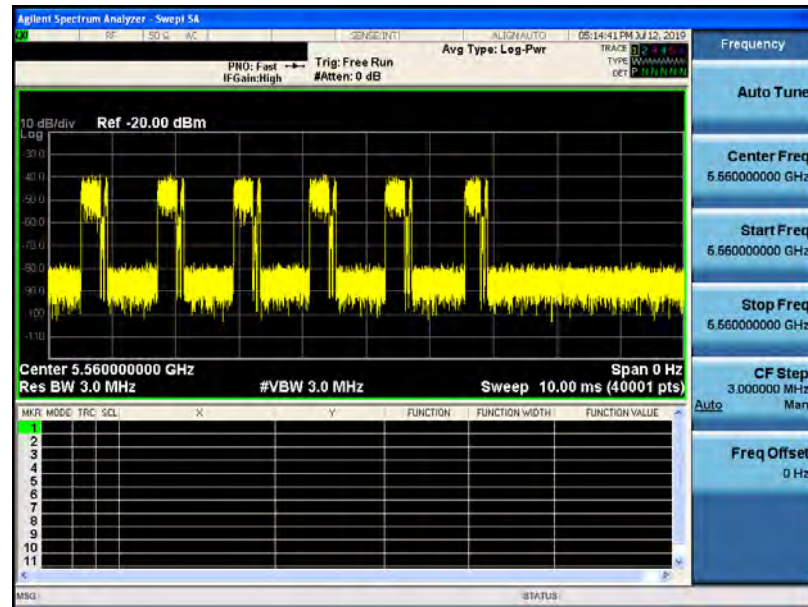
Frequency Hopping
Radar
Type 6



5.2. Channel Loading

■ Duty cycle $\geq 17\%$

Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode



Agilent Spectrum Analyzer - Swept SA

RF SQ G AC

SENSE IN1

ALIGN: AUTO

07:18:32 PM Jul 12, 2019

RAISE

TYPE: WARMMAN

DET: P H H H H H

PNO: Fast

IF Gain: High

Trig: Free Run

Atten: 0 dB

Avg Type: Log-Pwr

Ref: -20.00 dBm

ΔMkr3 44.75 μs

-9.44 dB

Center 5.550000000 GHz

Res BW 3.0 MHz

#VBW 3.0 MHz

Span 0 Hz

Sweep 10.00 ms (40001 pts)

MNR	MODE	TRF	SQL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	A2	1	t	(A)	199.5 μs (A)	-2.99 dB		
2	F	1	t		6.098 ms	-79.69 dBm		
3	A4	1	t	(A)	44.75 μs (A)	-9.44 dB		
4	F	1	t		6.368 ms	-78.81 dBm		
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq

5.550000000 GHz

Start Freq

5.550000000 GHz

Stop Freq

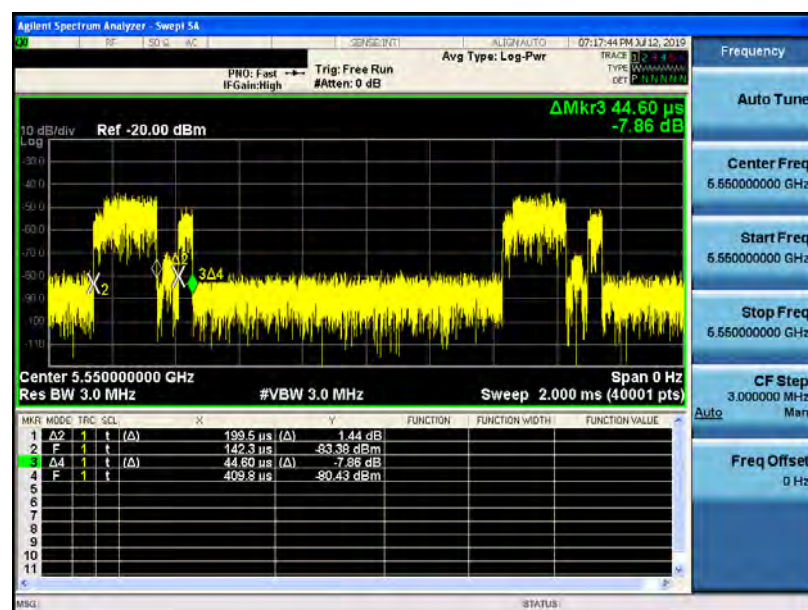
5.550000000 GHz

CF Step

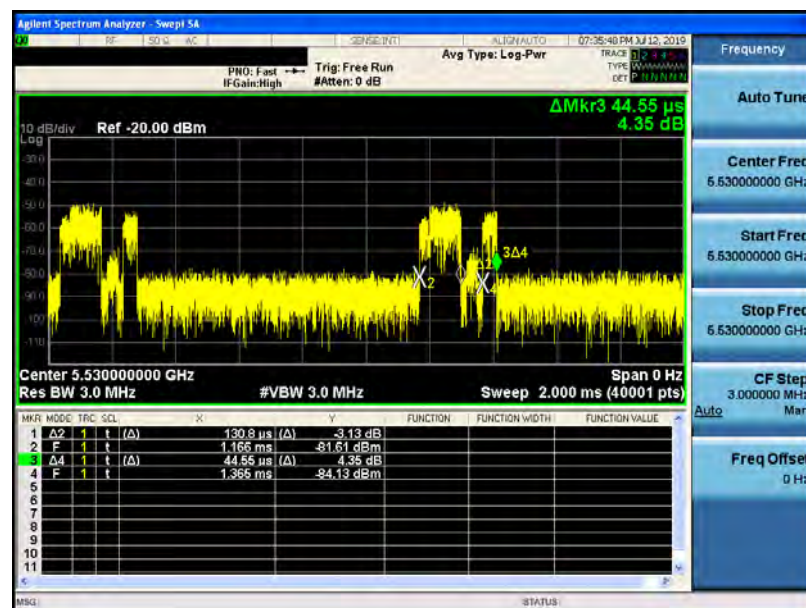
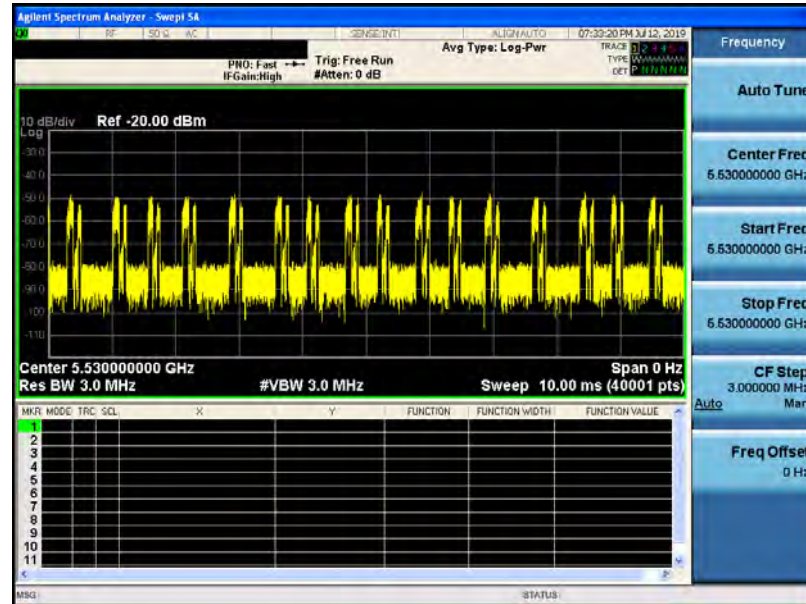
3.000000 MHz

Freq Offset

0 Hz



Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode



5.3. Channel Availability Check Time

5.3.1. Procedure to Determine Initial Power-Up Cycle Time

A link was established on channel then the EUT was rebooted. The time from the cessation of traffic to the re-initialization of traffic was measured as the time required for the EUT to complete the total power-up cycle. The time to complete the initial power-up period is 60 seconds less than this total power-up time.

5.3.2. Procedure for Timing Of Radar Burst

With a link established on channel, the EUT was rebooted. A radar signal was triggered within 0 to 6 seconds after the initial power-up period, and transmissions on the channel were monitored on the spectrum analyzer.

The Non-Occupancy list was cleared. With a link established on channel, the EUT was rebooted. A radar signal was triggered within 54 to 60 seconds after the initial power-up period, and transmissions on the channel were monitored on the spectrum analyzer.

5.3.3. Quantitative Results

No Radar Triggered					
Frequency (MHz)	Timing of Reboot (sec)	Delta (sec)	Timing of Start of Traffic (sec)	Total Power-up Cycle Time (sec)	Initial Power-up Cycle Time (sec)
5560	5.900	189.000	194.900	189.000	129.000

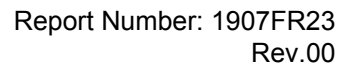
Radar Near Beginning of CAC				
Frequency (MHz)	Timing of Reboot (sec)	Timing of Radar Burst (sec)	Radar Relative to Reboot (sec)	Radar Relative to Start of CAC (sec)
5560	5.900	135.200	129.300	0.300

Radar Near End of CAC				
Frequency (MHz)	Timing of Radar Burst (sec)	Radar Relative to Reboot (sec)	Radar Relative to Start of CAC (sec)	Radar Relative to Start of CAC (sec)
5560	5.900	189.600	183.700	54.700

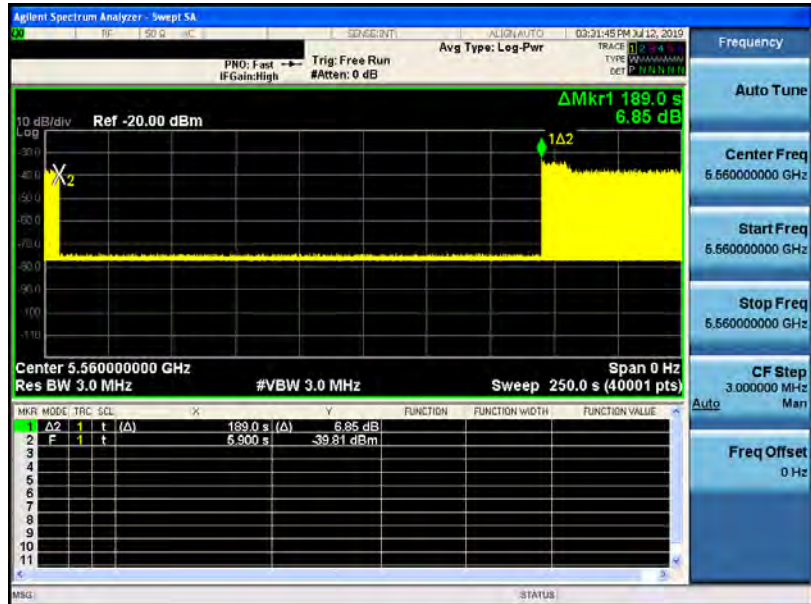


5.3.4. Qualitative Results

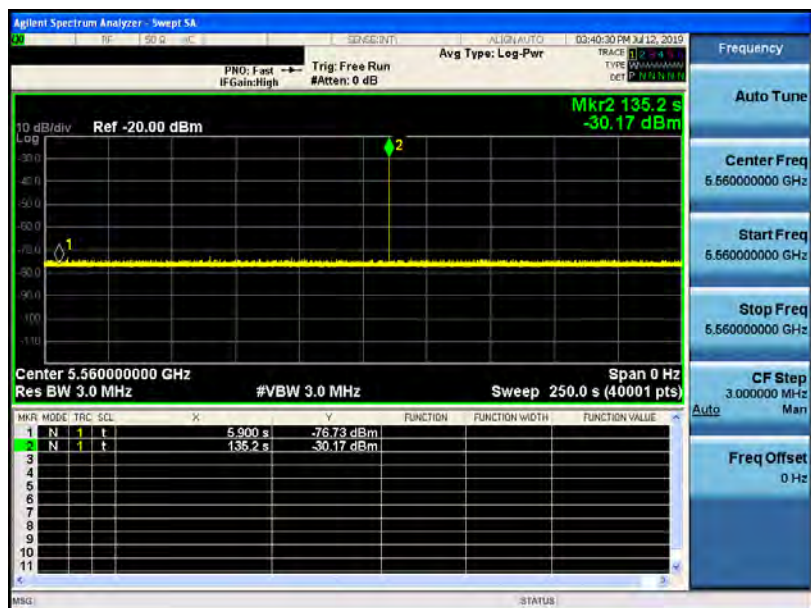
Timing of Radar Burst	Display on Control Computer	Spectrum Analyzer Display
No Radar Triggered	EUT marks Channel as active	Transmissions begin on channel after completion of the initial power-up cycle and the CAC
Within 0 to 6 second window	EUT indicates radar detected	No transmissions on channel
Within 54 to 60 second window	EUT indicates radar detected	No transmissions on channel



Initial Channel
Availability Check



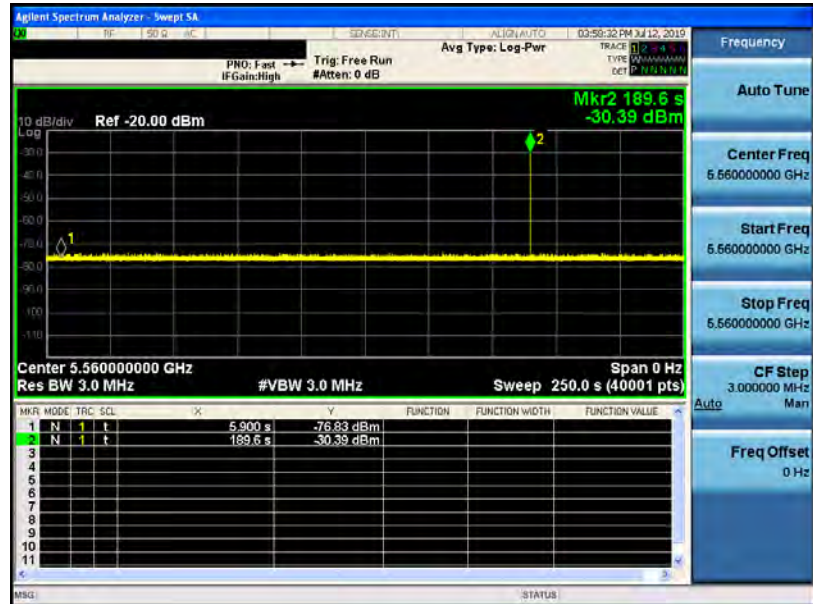
Initial Channel
Availability Check
Begin





Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode_ 5560 MHz

Initial Channel
Availability Check
End





5.4. Channel Move Time and Channel Closing Transmission Time

5.4.1. Reporting Notes

The reference marker is set at the end of last radar pulse.

The delta marker is set at the end of the last WLAN transmission following the radar pulse.
This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

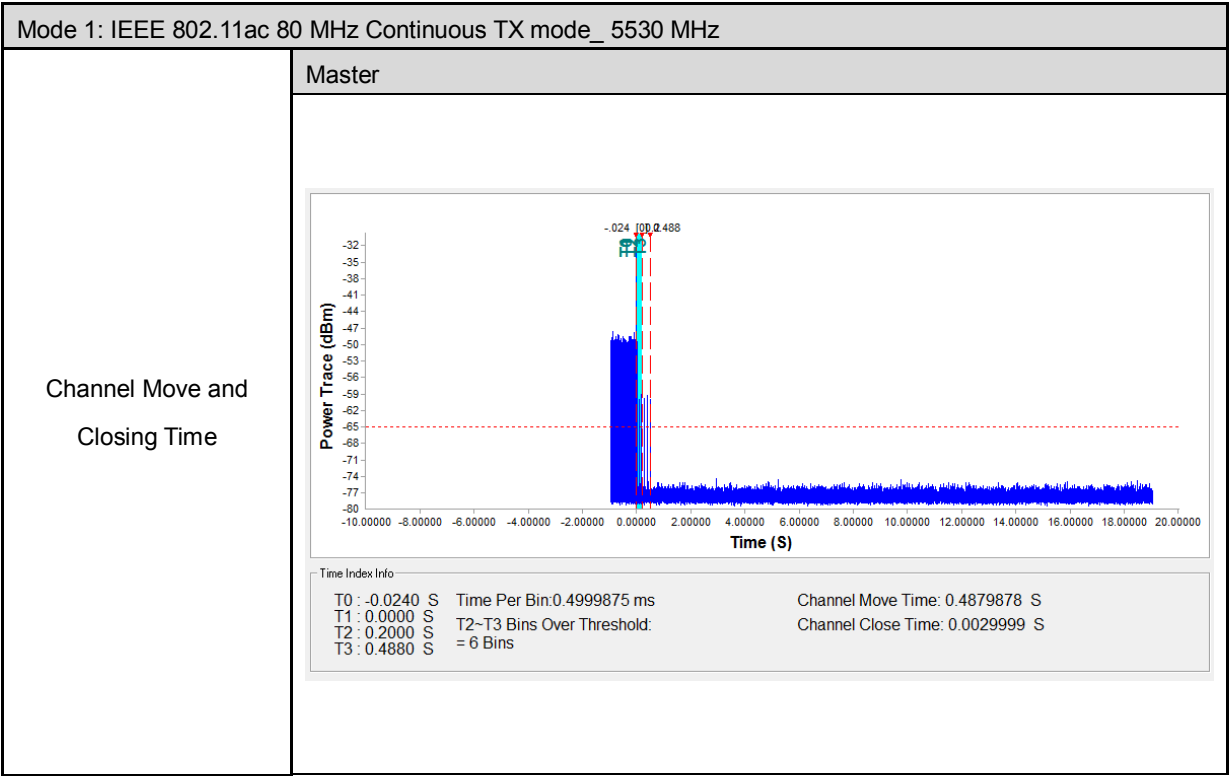
Aggregate Transmission Time = (Number of analyzer bins showing transmission) * (dwell time per bin)

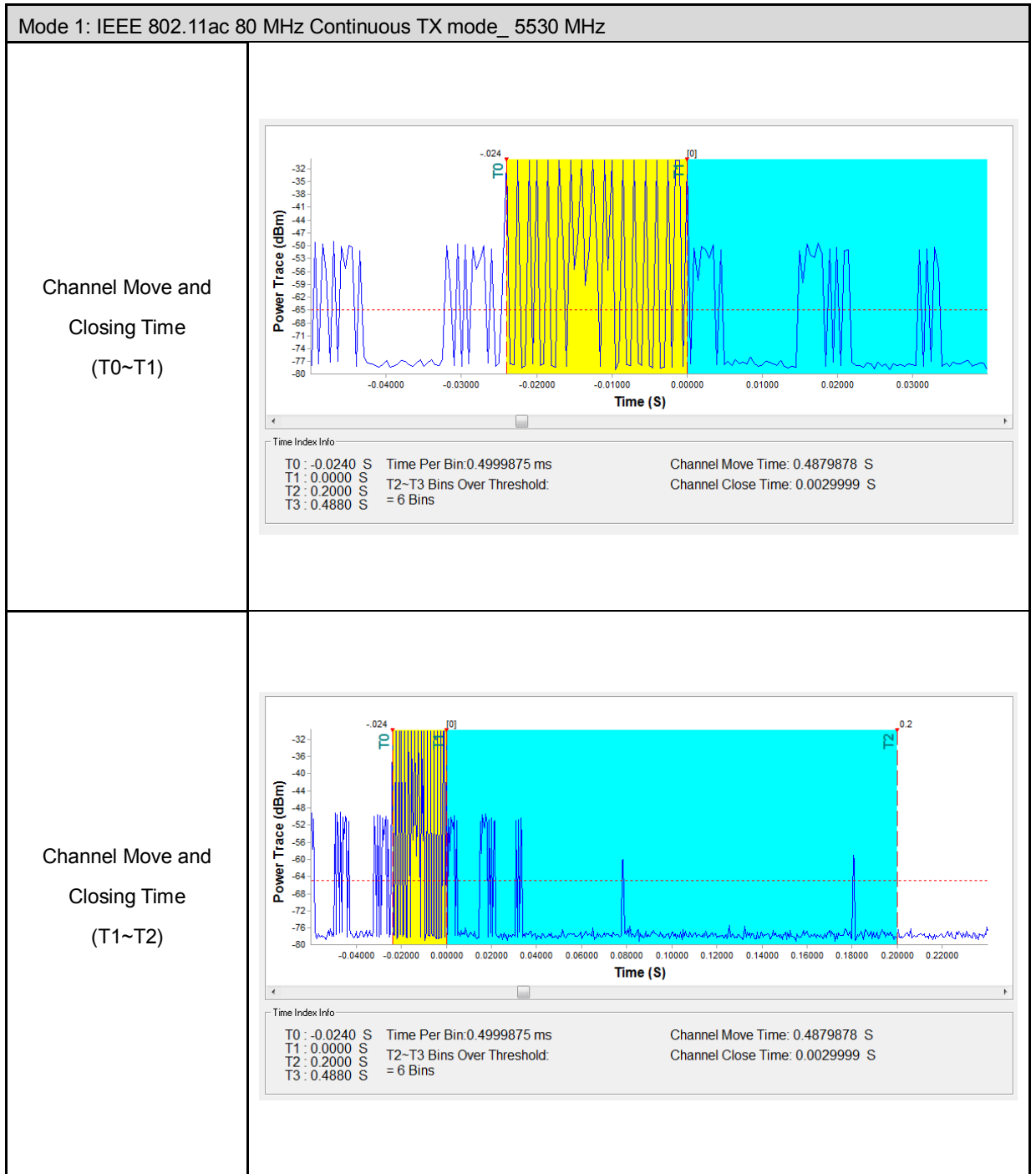
The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

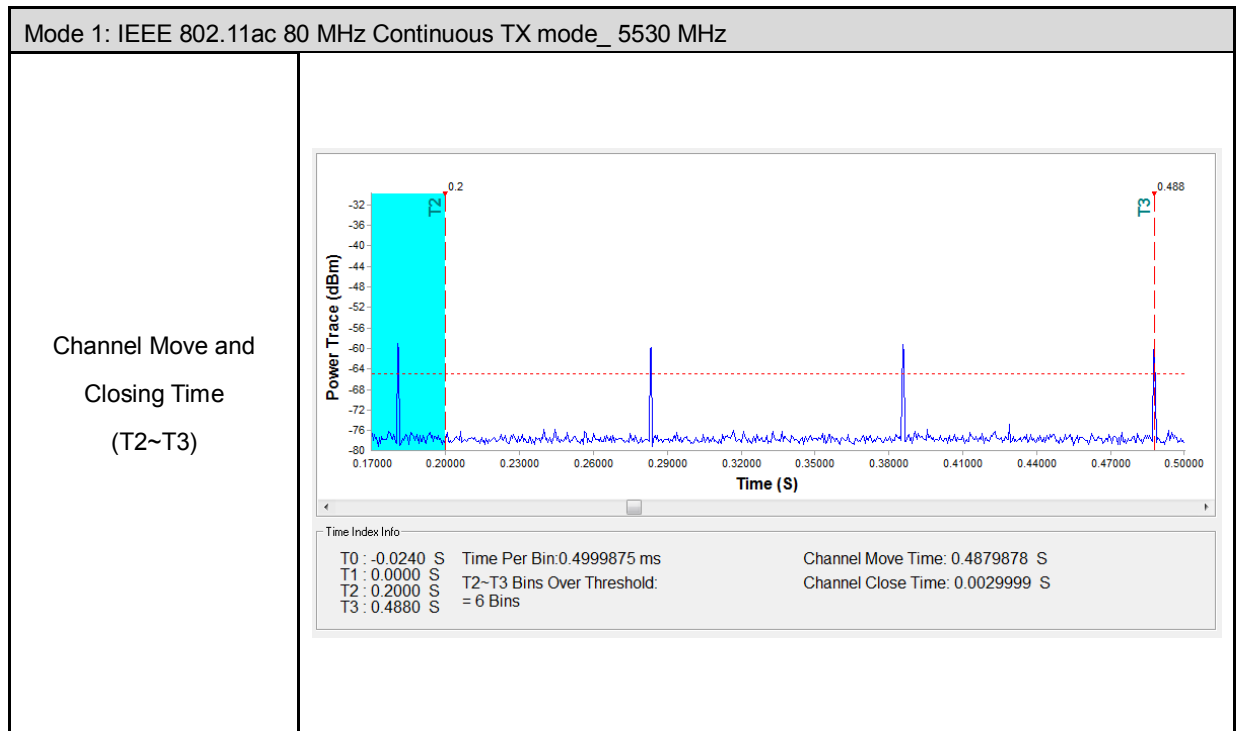
Results

Frequency (MHz)	Radar Type	Channel Move Time (msec)	Limit (sec)
5530	Type 0	0.4880	10

Frequency (MHz)	Radar Type	Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
5530	Type 0	2.9999	60

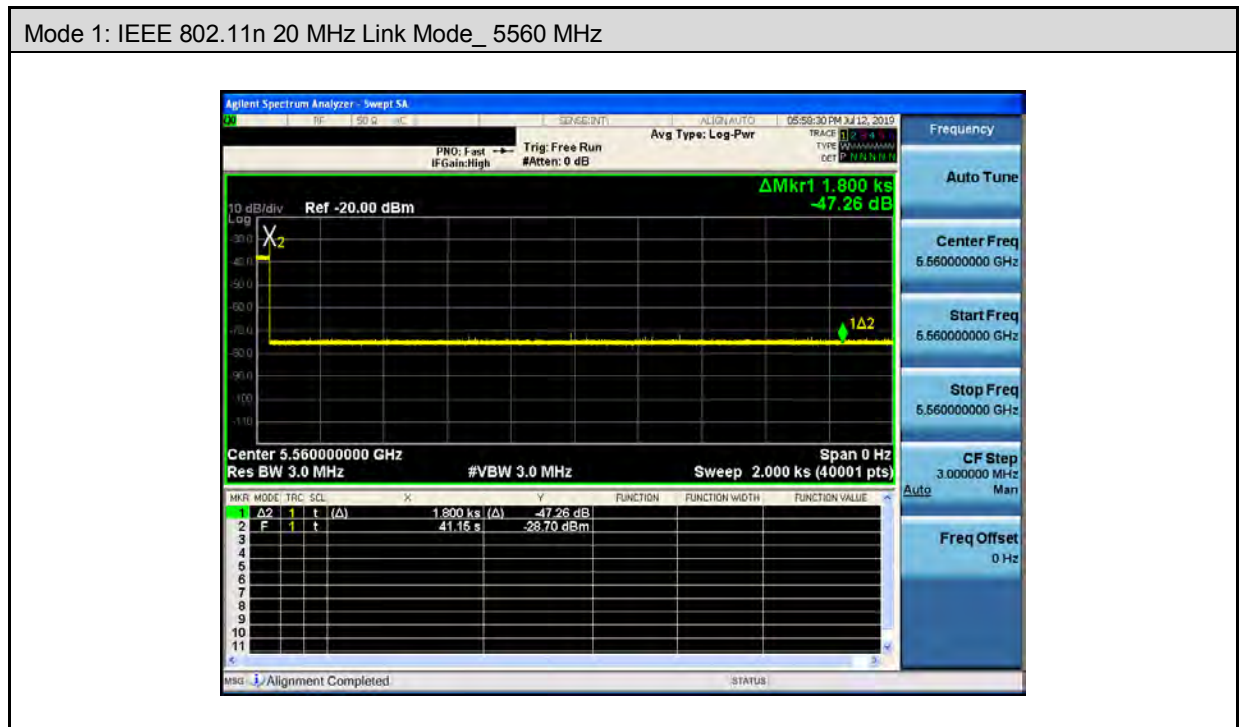








5.5. Non-Occupancy Period



Note: Non-Occupancy Period time is 30 minute during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

5.6. U-NII Detection Bandwidth

■ Test Results

Test Mode	Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode					
Frequency (MHz)	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99 % Power Bandwidth (MHz)	Ratio of Detection BW to 99 % Power BW (%)	Minimum Limit (%)
5560	5550	5570	20	17.85	112.04	≥ 100

Test Mode	Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode					
Frequency (MHz)	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99 % Power Bandwidth (MHz)	Ratio of Detection BW to 99 % Power BW (%)	Minimum Limit (%)
5550	5530	5570	40	36.183	110.55	≥ 100

Test Mode	Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode					
Frequency (MHz)	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99 % Power Bandwidth (MHz)	Ratio of Detection BW to 99 % Power BW (%)	Minimum Limit (%)
5530	5490	5570	80	75.586	105.84	≥ 100



■ Test Graphs

Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode_ 5560 MHz



Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode_ 5550 MHz





Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode_ 5530 MHz



5.7. Statistical Performance check

■ Test Results

Test Mode		Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode					
Frequency (MHz)	Radar Signal	PRI (Msec)	Pulse width W (μs)	Pass Times	Fail Times	Probability	Limit
5560	Type1	Table 5a	1	29	1	96.67%	≥ 60%
	Type2	Random	Random	26	4	86.67%	≥ 60%
	Type3	Random	Random	23	7	76.67%	≥ 60%
	Type4	Random	Random	26	4	86.67%	≥ 60%
	Type1~4					86.67%	≥ 80%
	Type5	Random	Random	28	2	93.33%	≥ 80%
	Type6	Hopping	1	28	2	93.33%	≥ 70%

Test Mode		Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode					
Frequency (MHz)	Radar Signal	PRI (Msec)	Pulse width W (μs)	Pass Times	Fail Times	Probability	Limit
5550	Type1	Table 5a	1	29	1	96.67%	≥ 60%
	Type2	Random	Random	28	2	93.33%	≥ 60%
	Type3	Random	Random	28	2	93.33%	≥ 60%
	Type4	Random	Random	26	4	86.67%	≥ 60%
	Type1~4					92.50%	≥ 80%
	Type5	Random	Random	28	2	93.33%	≥ 80%
	Type6	Hopping	1	29	1	96.67%	≥ 70%

Test Mode		Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode					
Frequency (MHz)	Radar Signal	PRI (Msec)	Pulse width W (μs)	Pass Times	Fail Times	Probability	Limit
5530	Type1	Table 5a	1	27	3	90.00%	≥ 60%
	Type2	Random	Random	29	1	96.67%	≥ 60%
	Type3	Random	Random	26	4	86.67%	≥ 60%
	Type4	Random	Random	28	2	93.33%	≥ 60%
	Type1~4					91.67%	≥ 80%
	Type5	Random	Random	26	4	86.67%	≥ 80%
	Type6	Hopping	1	29	1	96.67%	≥ 70%



Test Mode	Mode 1					
Frequency	5560 MHz					
Radar Signal	Type 1					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5560	1	878	61	1139	1
2	5560	1	778	68	1285	1
3	5560	1	758	70	1319	1
4	5560	1	698	76	1433	1
5	5560	1	578	92	1730	1
6	5560	1	638	83	1567	0
7	5560	1	798	67	1253	1
8	5560	1	778	68	1285	1
9	5560	1	618	86	1618	1
10	5560	1	838	63	1193	1
11	5560	1	898	59	1114	1
12	5560	1	858	62	1166	1
13	5560	1	918	58	1089	1
14	5560	1	818	65	1222	1
15	5560	1	718	74	1393	1
16	5560	1	2510	22	398	1
17	5560	1	2106	26	475	1
18	5560	1	2209	24	453	1
19	5560	1	1541	35	649	1
20	5560	1	624	85	1603	1
21	5560	1	1101	48	908	1
22	5560	1	1401	38	714	1
23	5560	1	2853	19	351	1
24	5560	1	545	97	1835	1
25	5560	1	1517	35	659	1
26	5560	1	2007	27	498	1
27	5560	1	823	65	1215	1
28	5560	1	1838	29	544	1
29	5560	1	823	65	1215	1
30	5560	1	1823	29	549	1
Detection Percentage (%)						96.67



Test Mode	Mode 1					
Frequency	5560 MHz					
Radar Signal	Type 2					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5560	1.60	187.40	26	5336	1
2	5560	2.30	226.60	27	4413	1
3	5560	4.20	205.20	24	4873	1
4	5560	1.20	203.50	25	4914	0
5	5560	3.30	229.60	29	4355	1
6	5560	2.80	166.90	23	5992	1
7	5560	2.50	164.20	29	6090	0
8	5560	4.00	164.90	25	6064	1
9	5560	1.00	200.70	27	4983	1
10	5560	1.80	203.20	25	4921	1
11	5560	3.80	198.20	25	5045	1
12	5560	3.30	193.20	23	5176	1
13	5560	2.60	211.40	23	4730	1
14	5560	3.60	171.50	24	5831	1
15	5560	4.40	226.00	28	4425	1
16	5560	4.60	193.50	27	5168	1
17	5560	4.10	168.50	24	5935	1
18	5560	1.90	211.60	28	4726	0
19	5560	3.20	152.40	28	6562	1
20	5560	3.80	193.30	27	5173	1
21	5560	1.00	198.60	25	5035	1
22	5560	3.70	202.50	27	4938	1
23	5560	2.50	205.70	29	4861	1
24	5560	2.60	179.40	25	5574	0
25	5560	1.80	210.90	28	4742	1
26	5560	1.70	171.40	27	5834	1
27	5560	1.70	190.50	23	5249	1
28	5560	3.90	215.60	29	4638	1
29	5560	4.50	162.80	26	6143	1
30	5560	1.10	186.90	23	5350	1
Detection Percentage (%)						86.67



Test Mode	Mode 1					
Frequency	5560 MHz					
Radar Signal	Type 3					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5560	8.00	309.70	18	3228.93	0
2	5560	9.80	247.30	18	4043.67	1
3	5560	7.90	490.50	16	2038.74	1
4	5560	9.30	408.10	18	2450.38	1
5	5560	6.10	216.20	18	4625.35	1
6	5560	6.90	484.70	18	2063.13	1
7	5560	7.80	367.60	18	2720.35	1
8	5560	8.60	272.10	18	3675.12	1
9	5560	8.80	372.90	16	2681.68	1
10	5560	7.30	441.40	18	2265.52	1
11	5560	6.40	487.20	17	2052.55	0
12	5560	6.60	262.10	17	3815.34	1
13	5560	8.10	262.40	16	3810.98	1
14	5560	9.90	204.90	17	4880.43	1
15	5560	6.40	344.30	16	2904.44	1
16	5560	6.20	392.30	18	2549.07	1
17	5560	9.10	255.10	18	3920.03	0
18	5560	9.70	437.00	17	2288.33	1
19	5560	9.30	379.40	16	2635.74	1
20	5560	6.20	411.90	17	2427.77	1
21	5560	9.10	345.80	16	2891.84	1
22	5560	8.80	325.00	17	3076.92	0
23	5560	8.10	234.10	18	4271.68	1
24	5560	8.20	311.40	17	3211.30	0
25	5560	6.30	423.10	18	2363.51	1
26	5560	8.90	480.50	17	2081.17	1
27	5560	6.40	342.30	18	2921.41	1
28	5560	9.50	389.20	17	2569.37	1
29	5560	6.10	284.20	17	3518.65	0
30	5560	9.00	236.70	17	4224.76	0
Detection Percentage (%)						76.67



Test Mode		Mode 1				
Frequency		5560 MHz				
Radar Signal		Type 4				
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5560	14.40	318.00	14	3145	1
2	5560	18.10	226.00	13	4425	0
3	5560	19.60	388.00	13	2577	1
4	5560	19.80	354.10	13	2824	1
5	5560	11.80	258.30	15	3871	1
6	5560	11.90	311.70	12	3208	1
7	5560	17.60	494.20	13	2023	1
8	5560	17.80	341.50	13	2928	1
9	5560	11.40	488.60	15	2047	1
10	5560	11.40	406.80	14	2458	0
11	5560	15.00	253.80	14	3940	1
12	5560	15.60	234.80	13	4259	1
13	5560	16.60	473.90	13	2110	1
14	5560	14.60	261.40	12	3826	1
15	5560	17.90	399.00	13	2506	1
16	5560	19.50	214.40	15	4664	1
17	5560	12.20	418.40	15	2390	1
18	5560	13.10	388.00	14	2577	1
19	5560	14.50	439.40	15	2276	1
20	5560	14.20	403.80	12	2476	1
21	5560	13.10	375.70	16	2662	1
22	5560	15.60	456.20	14	2192	0
23	5560	14.60	430.00	12	2326	1
24	5560	11.50	361.60	15	2765	1
25	5560	16.80	230.60	14	4337	1
26	5560	14.10	472.50	15	2116	1
27	5560	14.60	489.00	16	2045	0
28	5560	19.40	231.70	15	4316	1
29	5560	19.40	245.60	12	4072	1
30	5560	11.20	247.90	15	4034	1
Detection Percentage (%)						86.67



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
1	5559	1	54.4	19	1633.2	1	1
	5559	2	63.2	19	1602.3	3	
	5556	3	56.7	13	1033.6	1	
	5558	4	83.1	17	1823.7	1	
	5553	5	60.5	6	1165.2	3	
	5555	6	100.0	11	1902.4	2	
	5555	7	61.2	11	1445.6	2	
	5556	8	60.4	12	1460.8	3	
	5559	9	56.2	19	1670.4	1	
	5554	10	90.2	7	1094.6	2	
	5555	11	97.8	11	1417.6	1	
2	5553	1	95.2	6	1946.7	1	1
	5553	2	84.2	5	1456.7	3	
	5555	3	50.6	10	1891.1	1	
	5554	4	64.3	7	1778.8	1	
	5555	5	74.1	11	1364.0	3	
	5555	6	76.3	10	1534.2	3	
	5558	7	63.3	17	1347.2	3	
	5557	8	80.1	16	1889.5	1	
	5556	9	56.7	13	1577.0	1	
	5553	10	97.3	6	1525.8	2	
	5555	11	93.4	11	1050.5	1	
	5557	12	88.0	16	1636.1	2	
3	5557	1	93.6	14	1660.6	2	1
	5558	2	57.9	17	1245.4	2	
	5559	3	52.3	20	1760.1	2	
	5556	4	94.3	13	1360.7	3	
	5556	5	54.4	12	1725.6	2	
	5557	6	62.6	14	1355.8	1	
	5559	7	89.7	19	1774.4	1	
	5554	8	81.7	8	1348.4	3	
	5555	9	86.9	9	1413.2	1	
	5555	10	54.5	11	1979.6	2	
	5555	11	51.4	10	1543.3	3	
	5553	12	69.1	6	1768.0	1	
	5554	13	62.6	7	1808.4	1	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
4	5555	1	90.0	10	1074.1	2	1
	5559	2	84.0	19	1829.5	2	
	5558	3	94.3	18	1046.8	2	
	5557	4	92.2	16	1706.7	3	
	5555	5	69.5	10	1549.4	1	
	5557	6	78.2	16	1950.2	2	
	5556	7	81.3	13	1235.2	1	
	5557	8	99.8	16	1854.5	3	
	5559	9	96.0	20	1438.4	1	
5	5554	1	92.0	8	1626.2	3	1
	5556	2	71.7	12	1165.4	1	
	5556	3	75.9	13	1599.1	3	
	5557	4	75.6	15	1674.5	3	
	5554	5	93.6	8	1310.3	2	
	5558	6	80.8	17	1114.2	1	
	5555	7	68.0	9	1935.8	1	
	5555	8	82.0	10	1438.9	2	
	5556	9	58.1	12	1390.1	3	
	5556	10	98.2	12	1466.3	1	
	5556	11	94.5	12	1807.7	1	
	5556	12	54.2	12	1166.3	3	
	5558	13	57.9	17	1361.5	3	
	5556	14	86.7	12	1251.8	1	
	5555	15	96.3	10	1804.3	3	
6	5555	1	71.5	9	1093.7	2	1
	5557	2	77.6	16	1041.7	2	
	5559	3	59.8	19	1452.8	3	
	5556	4	63.4	13	1956.8	1	
	5555	5	92.6	11	1378.7	1	
	5557	6	64.6	14	1007.3	2	
	5557	7	79.0	14	1264.3	2	
	5555	8	62.4	9	1231.2	3	
	5556	9	69.2	13	1560.3	2	
	5554	10	83.6	8	1730.5	2	
	5559	11	90.7	19	1565.9	1	
	5557	12	68.2	14	1891.6	3	
	5557	13	65.0	16	1129.2	1	
	5559	14	99.0	19	1986.8	2	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
7	5553	1	94.0	5	1875.4	3	1
	5559	2	79.5	19	1963.7	1	
	5556	3	98.6	13	1016.5	3	
	5554	4	95.3	8	1822.0	3	
	5555	5	76.9	11	1727.9	3	
	5555	6	51.7	9	1930.5	1	
	5558	7	74.4	17	1560.8	1	
	5558	8	73.8	18	1637.3	2	
	5554	9	61.3	8	1109.9	3	
	5555	10	63.9	11	1404.7	2	
	5554	11	91.3	8	1114.0	3	
	5556	12	60.4	13	1050.8	3	
	5554	13	67.7	8	1427.1	3	
	5557	14	55.5	14	1099.1	1	
	5559	15	52.9	19	1270.0	3	
	5554	16	63.1	8	1156.5	2	
	5559	17	57.2	19	1283.3	1	
8	5555	1	89.2	10	1198.8	2	1
	5555	2	62.4	10	1550.7	3	
	5557	3	87.6	15	1200.4	1	
	5556	4	98.5	13	1801.2	2	
	5558	5	56.8	18	1287.3	1	
	5555	6	97.0	10	1593.1	3	
	5554	7	94.3	7	1371.6	1	
	5558	8	74.9	17	1190.2	2	
	5554	9	80.1	7	1325.5	3	
	5556	10	79.8	13	1989.4	1	
	5557	11	86.5	14	1989.2	2	
	5557	12	92.5	15	1302.6	1	
	5554	13	82.4	8	1421.8	3	
	5557	14	58.5	15	1819.0	2	
	5556	15	52.3	13	1547.4	1	
	5555	16	96.8	11	1096.8	1	
	5554	17	82.7	7	1672.1	3	
	5555	18	95.9	10	1042.6	1	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
9	5554	1	64.8	8	1157.1	3	1
	5554	2	91.7	8	1829.0	1	
	5558	3	63.2	18	1304.2	3	
	5557	4	69.5	16	1252.7	1	
	5555	5	88.8	10	1579.7	1	
	5557	6	96.5	14	1570.6	3	
	5554	7	54.9	7	1892.2	2	
	5558	8	98.8	18	1250.8	1	
	5559	9	53.2	19	1146.1	2	
	5557	10	60.0	16	1247.4	2	
	5555	11	63.7	10	1414.2	2	
	5554	12	55.8	8	1796.6	1	
	5557	13	80.0	15	1274.2	1	
	5555	14	96.3	9	1124.6	1	
	5557	15	50.1	15	1460.0	1	
	5554	16	97.0	7	1350.5	3	
	5554	17	87.5	8	1940.5	3	
	5554	18	70.8	7	1691.2	2	
	5555	19	75.1	9	1497.7	2	
10	5557	1	61.2	14	1315.4	2	1
	5554	2	81.0	8	1516.1	3	
	5555	3	74.6	11	1104.1	3	
	5554	4	50.0	8	1875.2	2	
	5554	5	54.2	7	1701.6	3	
	5554	6	88.8	7	1368.4	3	
	5553	7	78.9	5	1513.1	2	
	5555	8	76.9	10	1010.9	1	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
11	5560	1	95.3	5	1273.0	3	1
	5560	2	65.8	10	1438.6	2	
	5560	3	94.6	13	1993.9	2	
	5560	4	50.6	8	1801.7	1	
	5560	5	85.6	10	1246.3	3	
	5560	6	60.3	11	1466.6	3	
	5560	7	94.7	18	1089.6	1	
	5560	8	92.3	14	1877.9	2	
	5560	9	56.6	20	1801.7	2	
	5560	10	63.9	11	1954.1	2	
	5560	11	56.0	12	1642.5	2	
	5560	12	90.6	13	1499.0	2	
	5560	13	66.5	9	1429.8	2	
	5560	14	69.0	16	1620.3	2	
	5560	15	75.2	7	1382.1	3	
	5560	16	81.6	11	1928.2	3	
12	5560	1	95.6	10	1339.8	3	1
	5560	2	74.6	9	1191.3	1	
	5560	3	74.4	12	1222.1	2	
	5560	4	79.1	19	1957.2	2	
	5560	5	92.3	8	1337.7	2	
	5560	6	94.0	10	1755.1	2	
	5560	7	80.8	7	1023.2	2	
	5560	8	51.5	11	1971.8	1	
	5560	9	82.2	11	1872.0	1	
	5560	10	53.1	6	1960.3	3	
	5560	11	82.4	11	1564.1	1	
	5560	12	61.8	6	1076.8	2	
	5560	13	64.4	19	1686.7	1	
	5560	14	80.4	10	1109.0	1	
	5560	15	71.1	11	1969.0	3	
	5560	16	79.8	9	1555.0	3	
	5560	17	86.6	17	1967.3	3	
	5560	18	87.7	17	1018.4	3	
	5560	19	91.2	7	1120.4	1	
	5560	20	80.9	11	1353.7	3	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
13	5560	1	95.3	5	1689.7	3	1
	5560	2	76.4	12	1146.1	1	
	5560	3	90.2	16	1799.6	2	
	5560	4	85.6	18	1071.3	1	
	5560	5	91.9	7	1609.4	3	
	5560	6	65.3	15	1443.9	3	
	5560	7	78.1	8	1373.0	2	
	5560	8	89.5	11	1961.4	1	
	5560	9	99.7	15	1293.7	3	
	5560	10	76.8	18	1094.8	3	
14	5560	1	89.5	18	1290.0	1	0
	5560	2	85.6	9	1903.7	1	
	5560	3	59.5	6	1130.2	1	
	5560	4	97.0	11	1504.7	2	
	5560	5	88.3	18	1103.1	2	
	5560	6	99.6	6	1468.7	1	
	5560	7	84.8	12	1211.8	3	
	5560	8	84.3	11	1756.3	2	
	5560	9	83.9	11	1596.4	2	
	5560	10	68.0	16	1477.2	2	
	5560	11	81.7	11	1031.2	2	
	5560	12	75.8	7	1613.5	1	
	5560	13	53.9	12	1733.6	3	
	5560	14	54.0	14	1246.5	3	
	5560	15	87.6	6	1188.0	2	
	5560	16	87.9	16	1879.7	1	
	5560	17	54.2	12	1325.1	1	
	5560	18	86.7	7	1820.7	1	
	5560	19	60.0	15	1468.2	1	
	5560	20	94.9	14	1024.7	1	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
15	5560	1	52.7	7	1608.1	3	1
	5560	2	84.3	9	1540.0	2	
	5560	3	84.2	17	1036.3	1	
	5560	4	58.4	9	1054.5	2	
	5560	5	77.6	17	1842.1	3	
	5560	6	55.5	12	1729.7	2	
	5560	7	55.2	9	1495.2	1	
	5560	8	68.1	20	1400.9	1	
	5560	9	68.0	14	1263.9	2	
	5560	10	79.1	15	1344.7	1	
	5560	11	74.1	15	1813.6	3	
	5560	12	72.9	8	1021.6	3	
	5560	13	95.2	17	1740.4	1	
	5560	14	97.1	15	1455.5	3	
	5560	15	75.3	7	1005.4	1	
	5560	16	95.6	9	1847.4	2	
	5560	17	79.0	9	1550.6	1	
	5560	18	85.6	14	1846.4	2	
	5560	19	87.9	11	1717.8	3	
16	5560	1	50.0	9	1080.1	1	1
	5560	2	80.7	17	1991.1	2	
	5560	3	66.3	15	1924.0	2	
	5560	4	61.8	14	1181.2	3	
	5560	5	70.9	11	1511.4	3	
	5560	6	80.3	16	1765.2	1	
	5560	7	84.7	8	1660.0	3	
	5560	8	77.4	10	1685.6	2	
	5560	9	70.2	10	1443.4	1	
	5560	10	66.6	7	1092.5	2	
	5560	11	70.7	14	1873.8	3	
	5560	12	65.9	16	1651.5	1	
	5560	13	72.5	19	1907.0	1	
	5560	14	79.7	7	1614.9	3	
	5560	15	68.2	15	1112.3	1	
	5560	16	99.0	15	1658.8	2	
	5560	17	93.9	18	1332.5	3	
	5560	18	86.1	17	1859.9	3	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
17	5560	1	62.6	7	1003.4	3	1
	5560	2	51.4	12	1654.7	1	
	5560	3	60.7	8	1065.4	3	
	5560	4	83.9	12	1535.5	3	
	5560	5	66.2	13	1047.0	3	
	5560	6	90.3	18	1664.5	1	
	5560	7	67.7	6	1507.5	2	
	5560	8	96.7	9	1896.1	3	
	5560	9	97.7	20	1140.9	3	
	5560	10	93.6	10	1064.2	3	
	5560	11	57.9	17	1293.7	3	
	5560	12	66.8	6	1121.4	3	
	5560	13	54.0	13	1683.8	2	
	5560	14	56.4	14	1391.7	3	
	5560	15	89.2	13	1515.1	1	
	5560	16	59.6	9	1626.6	3	
	5560	17	50.4	18	1329.6	1	
18	5560	1	89.0	14	1097.4	3	1
	5560	2	95.9	9	1024.1	1	
	5560	3	94.4	8	1577.9	2	
	5560	4	56.8	8	1024.3	3	
	5560	5	70.3	17	1642.8	2	
	5560	6	99.6	6	1464.4	3	
	5560	7	50.4	7	1521.6	1	
	5560	8	93.9	8	1887.2	3	
	5560	9	67.5	15	1318.9	2	
	5560	10	86.5	17	1135.6	2	
	5560	11	67.6	10	1870.9	3	
	5560	12	68.2	14	1862.9	1	
	5560	13	83.4	13	1500.4	1	
	5560	14	52.9	13	1013.1	2	
	5560	15	90.6	11	1374.1	1	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
19	5560	1	98.8	18	1119.4	2	1
	5560	2	83.4	15	1315.1	1	
	5560	3	61.0	14	1846.0	3	
	5560	4	89.3	7	1582.6	1	
	5560	5	86.7	11	1566.8	1	
	5560	6	52.5	14	1072.7	3	
	5560	7	64.4	8	1294.6	2	
	5560	8	68.9	16	1883.1	2	
	5560	9	72.8	12	1709.8	2	
	5560	10	96.4	14	1199.8	3	
	5560	11	91.1	17	1045.9	1	
	5560	12	63.7	16	1961.5	2	
	5560	13	51.0	9	1364.3	3	
	5560	14	81.6	16	1915.0	3	
20	5560	1	60.0	13	1080.6	1	1
	5560	2	67.3	11	1700.1	3	
	5560	3	69.6	14	1898.2	3	
	5560	4	55.9	17	1728.7	2	
	5560	5	69.8	14	1934.2	2	
	5560	6	95.2	6	1765.3	2	
	5560	7	74.0	18	1243.4	3	
	5560	8	78.8	11	1712.2	3	
	5560	9	73.4	11	1805.1	1	
	5560	10	70.4	7	1715.2	2	
21	5567	1	52.3	6	1183.7	3	1
	5565	2	67.4	10	1632.2	1	
	5561	3	88.6	19	1688.0	1	
	5567	4	56.0	6	1398.1	2	
	5567	5	55.4	5	1182.4	2	
	5565	6	76.2	10	1469.5	1	
	5561	7	63.5	19	1839.8	1	
	5565	8	51.7	10	1291.3	2	
	5562	9	70.9	17	1297.6	1	
	5565	10	79.5	10	1984.6	2	
	5565	11	84.4	11	1186.2	1	
	5564	12	90.0	13	1511.3	3	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
22	5565	1	82.5	10	1965.2	2	1
	5561	2	87.7	19	1326.6	3	
	5562	3	64.5	18	1057.1	2	
	5562	4	69.1	18	1214.2	2	
	5564	5	73.3	13	1866.2	1	
	5565	6	55.1	11	1124.2	3	
	5565	7	60.1	10	1091.2	1	
	5563	8	91.1	16	1839.6	1	
	5564	9	87.6	12	1375.5	3	
23	5565	1	73.1	9	1905.0	1	1
	5561	2	68.1	19	1644.2	2	
	5562	3	95.4	17	1149.5	3	
	5562	4	94.3	17	1740.2	1	
	5561	5	88.8	19	1890.3	3	
	5562	6	62.4	17	1655.2	3	
	5563	7	83.0	14	1321.9	2	
	5567	8	52.8	5	1855.6	3	
	5564	9	64.9	13	1633.3	2	
	5562	10	87.9	17	1067.5	2	
	5564	11	71.7	13	1260.8	3	
	5563	12	87.9	16	1883.5	1	
	5567	13	76.2	6	1014.4	1	
	5565	14	91.6	10	1404.6	1	
	5566	15	64.2	7	1911.8	2	
24	5563	1	88.5	14	1887.2	3	1
	5561	2	94.7	19	1325.8	3	
	5567	3	58.6	6	1999.1	3	
	5563	4	50.5	15	1503.3	2	
	5563	5	81.6	14	1121.8	3	
	5564	6	61.6	12	1782.7	2	
	5563	7	96.4	15	1767.7	3	
	5566	8	73.0	7	1306.4	3	
	5564	9	61.8	13	1123.3	2	
	5561	10	86.5	19	1319.0	1	
	5564	11	91.1	13	1768.2	2	
	5564	12	71.3	13	1041.0	1	
	5564	13	97.3	13	1413.3	1	
	5566	14	66.1	7	1321.4	3	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
25	5566	1	50.4	7	1299.5	3	1
	5564	2	76.5	12	1132.4	1	
	5564	3	71.6	13	1799.6	1	
	5565	4	78.2	11	1337.0	3	
	5565	5	87.6	11	1779.6	3	
	5563	6	99.3	14	1557.5	1	
	5562	7	83.0	18	1216.3	1	
	5567	8	57.7	5	1212.9	1	
	5564	9	77.2	13	1890.3	1	
	5565	10	66.2	11	1495.0	2	
	5561	11	75.7	19	1904.8	3	
	5566	12	57.5	8	1948.5	3	
	5562	13	78.0	17	1508.2	3	
	5565	14	84.0	10	1582.9	2	
	5566	15	76.3	8	1157.8	1	
	5564	16	93.1	12	1547.4	2	
	5566	17	75.3	7	1201.6	1	
	5563	18	91.4	15	1440.2	3	
26	5567	1	95.8	6	1569.5	3	0
	5563	2	76.1	16	1446.4	2	
	5562	3	80.6	18	1748.5	2	
	5563	4	92.1	15	1837.2	1	
	5565	5	81.1	9	1237.8	3	
	5564	6	97.2	13	1056.8	2	
	5566	7	86.9	7	1482.0	3	
	5563	8	69.3	15	1764.9	1	
	5563	9	62.8	16	1411.9	3	
	5567	10	70.0	6	1525.1	1	
	5563	11	97.1	15	1454.7	1	
	5563	12	98.7	14	1609.9	1	
	5562	13	52.5	17	1664.4	2	
	5564	14	60.1	13	1990.1	3	
	5564	15	88.4	12	1524.1	1	
	5566	16	84.9	8	1749.5	3	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
27	5564	1	60.5	13	1630.3	3	1
	5566	2	89.1	7	1892.4	3	
	5563	3	65.3	14	1919.3	3	
	5567	4	51.8	6	1486.9	2	
	5564	5	58.2	12	1587.8	1	
	5566	6	70.2	7	1148.2	3	
	5563	7	54.2	14	1565.5	2	
	5565	8	92.9	10	1107.2	3	
	5567	9	69.8	6	1222.1	3	
	5565	10	62.1	10	1895.2	2	
	5561	11	62.5	20	1961.6	3	
	5564	12	90.2	13	1829.3	1	
	5567	13	70.0	6	1087.4	3	
	5561	14	58.8	20	1783.8	2	
	5565	15	57.4	11	1326.6	3	
	5566	16	57.3	7	1329.7	1	
	5565	17	80.1	9	1683.5	3	
	5567	18	97.2	6	1672.1	2	
	5564	19	54.5	12	1537.9	2	
	5561	20	75.0	19	1679.0	2	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
28	5566	1	97.9	8	1357.6	2	1
	5565	2	75.8	11	1010.4	2	
	5563	3	77.3	14	1989.5	1	
	5563	4	79.3	14	1260.9	3	
	5561	5	96.3	20	1695.1	1	
	5565	6	60.3	10	1607.8	1	
	5566	7	86.3	7	1178.7	3	
	5567	8	80.3	6	1438.3	2	
	5565	9	93.6	9	1887.3	1	
	5567	10	63.0	6	1148.3	3	
	5564	11	70.1	12	1304.0	1	
	5565	12	68.7	9	1667.3	2	
	5563	13	54.2	16	1210.5	3	
	5563	14	60.1	14	1479.0	2	
	5562	15	50.5	18	1029.0	3	
	5567	16	86.4	6	1083.0	2	
	5564	17	97.2	13	1286.4	1	
	5561	18	62.1	20	1493.9	3	
	5562	19	75.8	17	1100.1	1	
	5565	20	56.6	10	1590.5	1	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
29	5565	1	57.3	11	1547.7	2	1
	5564	2	68.5	12	1131.1	2	
	5564	3	57.8	12	1678.7	3	
	5562	4	78.3	17	1290.2	1	
	5563	5	82.6	15	1672.2	3	
	5562	6	71.2	18	1530.8	3	
	5566	7	96.7	8	1599.8	3	
	5562	8	57.3	18	1857.0	1	
	5566	9	97.8	7	1436.9	3	
	5566	10	54.1	8	1800.5	2	
	5561	11	61.9	19	1845.9	1	
	5564	12	90.0	13	1669.9	1	
	5563	13	98.7	16	1401.0	2	
	5567	14	88.9	6	1285.7	2	
	5562	15	65.6	18	1530.3	1	
	5563	16	78.2	15	1955.8	3	
	5563	17	78.9	14	1885.8	3	
30	5562	1	84.4	17	1178.3	3	1
	5566	2	75.4	7	1198.3	3	
	5565	3	68.6	11	1410.3	1	
	5563	4	85.6	16	1718.2	3	
	5563	5	84.2	15	1375.9	2	
	5562	6	65.6	18	1576.1	1	
	5563	7	97.9	16	1357.3	1	
	5566	8	51.7	8	1710.9	2	
	5563	9	51.4	15	1241.2	3	
	5563	10	90.2	16	1803.4	2	
	5563	11	59.7	15	1609.4	2	
	5565	12	60.8	9	1769.9	2	
	5566	13	73.7	7	1922.0	3	
	5565	14	77.1	11	1385.8	2	
Detection Percentage (%)							93.33



Test Mode		Mode 1				
Frequency		5560 MHz				
Radar Signal		Type 6				
Trial #	Pulse Width (us)	PRI (us)	Pulses / Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	1=Detection ; 0=No Detection
1	1	333	9	0.333	300	1
2	1	333	9	0.333	300	1
3	1	333	9	0.333	300	1
4	1	333	9	0.333	300	1
5	1	333	9	0.333	300	1
6	1	333	9	0.333	300	1
7	1	333	9	0.333	300	1
8	1	333	9	0.333	300	0
9	1	333	9	0.333	300	1
10	1	333	9	0.333	300	1
11	1	333	9	0.333	300	1
12	1	333	9	0.333	300	1
13	1	333	9	0.333	300	1
14	1	333	9	0.333	300	1
15	1	333	9	0.333	300	1
16	1	333	9	0.333	300	1
17	1	333	9	0.333	300	1
18	1	333	9	0.333	300	1
19	1	333	9	0.333	300	1
20	1	333	9	0.333	300	1
21	1	333	9	0.333	300	1
22	1	333	9	0.333	300	1
23	1	333	9	0.333	300	1
24	1	333	9	0.333	300	0
25	1	333	9	0.333	300	1
26	1	333	9	0.333	300	1
27	1	333	9	0.333	300	1
28	1	333	9	0.333	300	1
29	1	333	9	0.333	300	1
30	1	333	9	0.333	300	1
Detection Percentage (%)						93.33



Test Mode	Mode 2					
Frequency	5550 MHz					
Radar Signal	Type 1					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5550	1	698	76	1433	1
2	5550	1	698	76	1433	1
3	5550	1	738	72	1355	1
4	5550	1	578	92	1730	1
5	5550	1	798	67	1253	1
6	5550	1	758	70	1319	1
7	5550	1	738	72	1355	1
8	5550	1	658	81	1520	1
9	5550	1	758	70	1319	1
10	5550	1	578	92	1730	1
11	5550	1	538	99	1859	1
12	5550	1	838	63	1193	1
13	5550	1	518	102	1931	1
14	5550	1	698	76	1433	1
15	5550	1	578	92	1730	1
16	5550	1	2863	19	349	1
17	5550	1	2651	20	377	1
18	5550	1	1834	29	545	1
19	5550	1	2255	24	443	1
20	5550	1	1600	33	625	0
21	5550	1	1332	40	751	1
22	5550	1	2823	19	354	1
23	5550	1	1864	29	536	1
24	5550	1	2658	20	376	1
25	5550	1	2823	19	354	1
26	5550	1	1614	33	620	1
27	5550	1	2474	22	404	1
28	5550	1	642	83	1558	1
29	5550	1	1789	30	559	1
30	5550	1	1451	37	689	1
Detection Percentage (%)						96.67



Test Mode		Mode 2				
Frequency		5550 MHz				
Radar Signal		Type 2				
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5550	1.50	201.10	26	4973	1
2	5550	1.10	168.00	29	5952	1
3	5550	4.10	162.00	29	6173	1
4	5550	2.10	188.00	25	5319	1
5	5550	1.00	155.70	25	6423	1
6	5550	4.60	212.00	28	4717	1
7	5550	3.60	218.50	26	4577	1
8	5550	2.10	227.90	26	4388	0
9	5550	2.10	156.20	29	6402	1
10	5550	4.90	202.90	23	4929	1
11	5550	3.30	153.90	29	6498	1
12	5550	4.40	202.20	29	4946	1
13	5550	4.10	223.50	24	4474	1
14	5550	1.90	165.00	23	6061	1
15	5550	1.40	207.90	29	4810	1
16	5550	1.40	172.30	25	5804	1
17	5550	4.40	217.40	25	4600	1
18	5550	3.60	173.90	26	5750	1
19	5550	4.00	221.60	25	4513	1
20	5550	1.20	229.90	28	4350	1
21	5550	2.10	203.00	26	4926	1
22	5550	3.80	207.50	26	4819	1
23	5550	2.30	177.90	25	5621	1
24	5550	3.20	164.70	23	6072	1
25	5550	3.00	211.40	27	4730	1
26	5550	4.60	155.90	29	6414	1
27	5550	3.00	175.00	27	5714	1
28	5550	4.10	212.90	26	4697	1
29	5550	2.70	201.80	23	4955	1
30	5550	1.20	215.80	29	4634	0
Detection Percentage (%)						93.33



Test Mode	Mode 2					
Frequency	5550 MHz					
Radar Signal	Type 3					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5550	6.50	254.30	17	3932.36	1
2	5550	9.60	384.80	17	2598.75	1
3	5550	9.90	313.70	18	3187.76	1
4	5550	7.40	330.50	16	3025.72	1
5	5550	9.40	275.10	18	3635.04	1
6	5550	8.20	384.40	18	2601.46	1
7	5550	9.20	215.30	18	4644.68	1
8	5550	8.20	390.80	18	2558.85	1
9	5550	8.10	258.70	18	3865.48	1
10	5550	6.50	405.50	17	2466.09	1
11	5550	8.90	236.50	17	4228.33	1
12	5550	8.60	467.70	18	2138.12	1
13	5550	8.10	267.10	16	3743.92	1
14	5550	6.60	389.40	17	2568.05	1
15	5550	7.00	296.70	18	3370.41	1
16	5550	7.20	426.40	17	2345.22	1
17	5550	8.10	264.30	17	3783.58	1
18	5550	7.40	206.00	17	4854.37	1
19	5550	7.90	208.00	17	4807.69	1
20	5550	8.00	337.10	18	2966.48	1
21	5550	7.40	279.40	18	3579.10	1
22	5550	9.80	294.90	17	3390.98	1
23	5550	7.40	288.50	17	3466.20	0
24	5550	7.20	228.30	16	4380.20	1
25	5550	7.90	476.80	16	2097.32	1
26	5550	8.70	419.40	16	2384.36	0
27	5550	9.50	384.90	18	2598.08	1
28	5550	8.40	462.50	16	2162.16	1
29	5550	9.70	405.80	16	2464.27	1
30	5550	9.70	334.30	18	2991.33	1
Detection Percentage (%)						93.33



Test Mode		Mode 2				
Frequency		5550 MHz				
Radar Signal		Type 4				
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5550	19.30	310.00	15	3226	1
2	5550	12.40	348.70	15	2868	1
3	5550	14.60	354.20	15	2823	1
4	5550	17.60	337.80	13	2960	1
5	5550	17.00	241.60	16	4139	0
6	5550	12.90	335.50	14	2981	1
7	5550	17.20	254.50	13	3929	1
8	5550	16.70	335.90	16	2977	1
9	5550	16.70	250.80	13	3987	1
10	5550	18.80	481.20	14	2078	0
11	5550	12.90	434.10	13	2304	1
12	5550	11.60	358.50	13	2789	1
13	5550	12.90	263.80	13	3791	1
14	5550	11.10	395.20	14	2530	1
15	5550	15.40	410.50	16	2436	1
16	5550	18.80	242.40	13	4125	1
17	5550	15.50	373.60	15	2677	1
18	5550	12.30	339.70	13	2944	1
19	5550	11.80	392.60	12	2547	0
20	5550	17.00	308.20	12	3245	1
21	5550	16.90	349.90	16	2858	1
22	5550	19.00	239.80	16	4170	1
23	5550	16.70	359.90	13	2779	1
24	5550	12.20	204.60	14	4888	0
25	5550	15.80	401.00	14	2494	1
26	5550	13.20	327.00	13	3058	1
27	5550	17.00	264.30	12	3784	1
28	5550	19.70	288.10	13	3471	1
29	5550	11.10	426.70	12	2344	1
30	5550	18.50	234.10	12	4272	1
Detection Percentage (%)						86.67



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
1	5538.5	1	56.6	18	1142.7	3	1
	5536.5	2	84.2	13	1445.1	1	
	5537.5	3	57.8	16	1920.0	2	
	5536.5	4	91.0	12	1665.6	1	
	5535.5	5	53.6	9	1700.7	1	
	5536.5	6	99.1	12	1053.4	2	
	5537.5	7	54.4	14	1234.5	3	
	5538.5	8	82.0	18	1928.0	3	
	5537.5	9	74.4	16	1809.9	3	
	5539.5	10	58.8	19	1520.6	2	
	5537.5	11	71.2	14	1157.2	3	
2	5538.5	1	87.8	17	1386.9	1	1
	5536.5	2	63.0	12	1030.4	3	
	5539.5	3	66.3	19	1238.0	2	
	5536.5	4	93.1	12	1196.9	1	
	5538.5	5	69.5	18	1700.0	3	
	5537.5	6	85.6	15	1954.6	3	
	5539.5	7	66.2	20	1021.4	1	
	5533.5	8	90.1	6	1480.7	1	
	5539.5	9	58.9	19	1600.3	3	
	5538.5	10	94.5	17	1265.5	3	
	5533.5	11	53.6	5	1813.5	3	
	5538.5	12	99.3	17	1126.5	1	
3	5535.5	1	55.0	9	1994.8	3	1
	5536.5	2	57.1	13	1901.2	1	
	5535.5	3	99.2	9	1988.5	3	
	5534.5	4	99.1	7	1097.5	1	
	5537.5	5	70.2	16	1077.9	1	
	5538.5	6	93.2	18	1741.2	2	
	5534.5	7	71.5	8	1667.2	3	
	5538.5	8	85.4	18	1095.2	3	
	5539.5	9	69.5	19	1325.6	3	
	5539.5	10	63.8	20	1824.4	2	
	5534.5	11	82.4	7	1866.6	2	
	5537.5	12	83.3	15	1262.0	1	
	5534.5	13	66.7	8	1293.1	3	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
4	5535.5	1	83.8	11	1233.3	1	0
	5537.5	2	63.9	15	1300.7	2	
	5537.5	3	59.0	16	1154.2	2	
	5538.5	4	95.4	18	1317.3	3	
	5538.5	5	79.7	18	1505.5	3	
	5538.5	6	99.9	17	1050.3	1	
	5534.5	7	51.1	7	1875.1	3	
	5537.5	8	62.7	14	1514.5	2	
	5536.5	9	62.8	13	1085.5	2	
5	5539.5	1	85.2	19	1658.2	1	1
	5537.5	2	80.7	15	1248.2	1	
	5536.5	3	93.8	13	1432.7	3	
	5537.5	4	93.9	16	1377.4	3	
	5538.5	5	77.2	18	1340.0	3	
	5536.5	6	67.9	12	1819.6	2	
	5536.5	7	73.1	13	1963.3	1	
	5538.5	8	73.6	18	1791.3	3	
	5534.5	9	85.3	8	1916.1	3	
	5539.5	10	55.5	19	1911.1	3	
	5539.5	11	98.3	19	1229.8	1	
	5535.5	12	64.9	10	1290.2	1	
	5536.5	13	99.3	12	1448.8	2	
	5535.5	14	92.5	10	1804.2	3	
	5538.5	15	72.7	17	1250.3	2	
6	5537.5	1	86.9	14	1494.6	1	1
	5536.5	2	88.3	12	1057.4	3	
	5537.5	3	91.4	15	1045.0	3	
	5538.5	4	80.1	17	1154.8	3	
	5539.5	5	93.7	20	1406.7	3	
	5537.5	6	92.2	15	1274.9	2	
	5538.5	7	66.8	17	1902.3	3	
	5535.5	8	56.9	11	1346.6	1	
	5537.5	9	89.1	15	1140.8	3	
	5533.5	10	93.5	5	1462.6	2	
	5535.5	11	68.0	9	1736.4	1	
	5534.5	12	62.8	7	1454.3	3	
	5535.5	13	52.9	10	1484.2	3	
	5538.5	14	71.8	17	1591.3	3	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
7	5539.5	1	50.9	20	1465.1	2	1
	5538.5	2	80.6	17	1230.4	1	
	5537.5	3	80.3	14	1551.0	2	
	5537.5	4	96.0	15	1282.1	3	
	5539.5	5	91.1	19	1205.8	1	
	5534.5	6	84.2	7	1165.0	1	
	5537.5	7	75.3	15	1539.7	3	
	5535.5	8	50.9	11	1332.9	1	
	5535.5	9	99.9	10	1150.8	1	
	5534.5	10	90.2	7	1460.2	1	
	5539.5	11	82.3	19	1969.8	2	
	5534.5	12	92.8	7	1519.3	3	
	5533.5	13	80.8	6	1020.4	3	
	5535.5	14	96.3	11	1738.2	3	
	5539.5	15	99.1	19	1391.0	2	
	5533.5	16	98.0	6	1148.4	3	
	5539.5	17	99.6	19	1850.2	1	
8	5534.5	1	71.9	8	1380.8	3	1
	5537.5	2	77.0	14	1091.5	3	
	5535.5	3	94.2	10	1575.6	1	
	5535.5	4	97.6	9	1680.7	3	
	5535.5	5	73.8	9	1913.6	2	
	5539.5	6	94.4	19	1450.4	2	
	5536.5	7	72.1	12	1361.2	3	
	5535.5	8	75.4	9	1970.0	2	
	5537.5	9	72.1	15	1338.6	3	
	5538.5	10	65.7	18	1204.8	3	
	5535.5	11	86.6	11	1082.7	2	
	5536.5	12	93.3	12	1580.6	2	
	5537.5	13	74.5	14	1288.9	2	
	5533.5	14	56.8	5	1627.5	3	
	5535.5	15	87.5	11	1006.7	3	
	5538.5	16	91.6	17	1580.9	3	
	5535.5	17	88.5	11	1782.0	3	
	5534.5	18	88.1	7	1739.8	2	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
9	5538.5	1	83.2	18	1894.3	3	1
	5538.5	2	65.2	17	1519.0	3	
	5535.5	3	68.3	11	1678.0	3	
	5535.5	4	80.8	9	1487.8	1	
	5537.5	5	63.4	14	1663.7	2	
	5533.5	6	77.5	5	1085.6	1	
	5535.5	7	71.1	9	1359.4	1	
	5537.5	8	100.0	15	1794.8	2	
	5533.5	9	77.7	5	1868.0	2	
	5535.5	10	84.7	11	1494.0	2	
	5535.5	11	81.4	9	1925.3	3	
	5539.5	12	55.5	19	1260.9	1	
	5537.5	13	57.4	16	1652.7	2	
	5534.5	14	61.4	7	1944.8	3	
	5536.5	15	85.5	13	1146.9	1	
	5537.5	16	92.9	16	1259.7	3	
	5534.5	17	80.6	7	1419.0	2	
	5534.5	18	70.9	7	1410.8	2	
	5535.5	19	73.9	9	1215.0	3	
10	5539.5	1	92.8	19	1674.7	3	1
	5533.5	2	80.3	6	1578.7	3	
	5535.5	3	70.1	11	1771.7	3	
	5535.5	4	65.1	10	1174.5	3	
	5538.5	5	86.9	18	1631.4	2	
	5533.5	6	58.2	6	1117.6	3	
	5534.5	7	90.4	8	1901.3	3	
	5534.5	8	58.4	8	1867.2	2	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
11	5550	1	86.2	16	1565.4	3	1
	5550	2	69.6	7	1599.9	3	
	5550	3	50.0	20	1207.9	2	
	5550	4	52.7	17	1391.1	1	
	5550	5	78.3	10	1154.7	2	
	5550	6	81.5	6	1550.5	1	
	5550	7	65.0	15	1402.4	3	
	5550	8	66.8	6	1434.6	2	
	5550	9	51.6	18	1417.0	2	
	5550	10	51.0	16	1515.3	2	
	5550	11	74.7	19	1664.9	3	
	5550	12	89.5	16	1498.4	2	
	5550	13	73.9	13	1627.2	2	
	5550	14	67.4	14	1833.2	1	
	5550	15	81.6	15	1202.0	2	
	5550	16	98.0	12	1230.6	2	
12	5550	1	68.9	6	1800.4	2	0
	5550	2	60.9	9	1742.6	3	
	5550	3	89.4	13	1123.7	2	
	5550	4	52.7	16	1685.0	3	
	5550	5	81.0	18	1490.3	1	
	5550	6	67.9	6	1608.2	3	
	5550	7	69.3	15	1714.9	1	
	5550	8	94.3	9	1908.1	2	
	5550	9	94.3	15	1545.4	3	
	5550	10	53.1	13	1111.7	2	
	5550	11	65.7	15	1344.0	1	
	5550	12	50.2	12	1781.5	1	
	5550	13	99.5	8	1144.2	1	
	5550	14	70.9	10	1364.8	1	
	5550	15	87.6	10	1087.2	2	
	5550	16	56.1	6	1988.5	2	
	5550	17	53.9	17	1837.6	3	
	5550	18	96.8	17	1127.5	1	
	5550	19	65.2	9	1189.3	3	
	5550	20	98.8	12	1811.1	2	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
13	5550	1	90.4	14	1115.4	2	1
	5550	2	87.1	13	1711.9	3	
	5550	3	67.4	8	1400.7	1	
	5550	4	97.3	17	1024.4	3	
	5550	5	80.5	10	1861.0	3	
	5550	6	71.3	15	1366.6	1	
	5550	7	89.5	10	1510.9	3	
	5550	8	69.6	9	1725.9	2	
	5550	9	99.6	9	1032.5	3	
	5550	10	70.2	10	1529.1	2	
14	5550	1	62.9	6	1740.4	2	1
	5550	2	85.0	11	1649.3	1	
	5550	3	92.4	13	1796.9	1	
	5550	4	61.6	10	1916.3	1	
	5550	5	61.4	11	1675.1	2	
	5550	6	80.1	19	1051.3	1	
	5550	7	96.6	18	1714.9	2	
	5550	8	92.7	12	1377.8	1	
	5550	9	51.8	16	1797.3	1	
	5550	10	53.0	14	1949.0	3	
	5550	11	73.0	11	1294.1	3	
	5550	12	60.3	5	1550.5	2	
	5550	13	54.5	12	1180.5	3	
	5550	14	61.8	13	1058.8	2	
	5550	15	78.1	10	1626.4	1	
	5550	16	81.8	12	1959.7	1	
	5550	17	77.4	15	1844.9	3	
	5550	18	96.0	7	1136.8	1	
	5550	19	63.6	14	1968.0	2	
	5550	20	68.2	12	1720.6	3	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
15	5550	1	58.8	14	1887.0	2	1
	5550	2	81.7	9	1017.4	2	
	5550	3	60.3	12	1211.8	2	
	5550	4	94.8	20	1241.1	3	
	5550	5	58.6	20	1068.5	3	
	5550	6	91.8	15	1441.3	1	
	5550	7	76.5	14	1006.0	3	
	5550	8	90.5	5	1334.5	3	
	5550	9	77.0	19	1764.9	2	
	5550	10	84.7	18	1068.2	3	
	5550	11	60.4	18	1530.4	3	
	5550	12	68.7	17	1354.6	2	
	5550	13	88.1	18	1110.7	2	
	5550	14	96.7	12	1350.0	1	
	5550	15	50.4	17	1941.4	2	
	5550	16	80.7	10	1310.4	3	
	5550	17	82.1	16	1301.8	1	
	5550	18	97.4	7	1115.5	2	
	5550	19	51.0	13	1793.6	1	
16	5550	1	77.4	5	1925.4	3	1
	5550	2	64.8	19	1203.6	3	
	5550	3	91.3	14	1326.4	3	
	5550	4	98.2	18	1521.5	3	
	5550	5	99.7	8	1190.0	3	
	5550	6	88.5	13	1542.1	3	
	5550	7	58.8	11	1148.2	1	
	5550	8	80.2	14	1127.9	1	
	5550	9	86.9	9	1769.4	2	
	5550	10	96.5	6	1212.9	3	
	5550	11	76.3	9	1381.5	3	
	5550	12	85.2	15	1964.4	3	
	5550	13	82.9	13	1885.3	1	
	5550	14	73.2	6	1632.5	3	
	5550	15	99.8	12	1440.2	2	
	5550	16	55.1	8	1368.2	3	
	5550	17	71.7	12	1888.8	1	
	5550	18	57.4	10	1119.5	1	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
17	5550	1	74.0	16	1718.4	2	1
	5550	2	68.3	17	1221.9	3	
	5550	3	82.9	7	1672.7	2	
	5550	4	92.3	11	1993.3	2	
	5550	5	85.6	20	1796.2	3	
	5550	6	86.6	5	1828.2	2	
	5550	7	50.8	9	1806.2	1	
	5550	8	83.1	18	1525.7	1	
	5550	9	61.1	18	1157.7	3	
	5550	10	77.3	10	1987.7	2	
	5550	11	62.1	9	1365.6	2	
	5550	12	81.5	8	1251.2	3	
	5550	13	69.8	9	1066.2	2	
	5550	14	64.3	5	1883.3	3	
	5550	15	80.5	11	1605.2	2	
	5550	16	86.8	16	1215.1	2	
	5550	17	59.1	17	1732.3	2	
18	5550	1	89.5	7	1541.5	3	1
	5550	2	62.3	8	1267.4	1	
	5550	3	88.2	6	1468.8	3	
	5550	4	89.0	14	1224.7	3	
	5550	5	52.6	12	1207.9	3	
	5550	6	65.8	9	1421.8	1	
	5550	7	70.5	14	1691.7	1	
	5550	8	53.8	5	1239.4	2	
	5550	9	59.6	12	1512.6	3	
	5550	10	72.7	10	1011.3	1	
	5550	11	73.6	16	1249.8	3	
	5550	12	53.2	10	1688.1	3	
	5550	13	71.3	9	1977.0	1	
	5550	14	84.8	8	1396.4	2	
	5550	15	90.2	14	1749.5	3	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
19	5550	1	52.6	10	1046.8	3	1
	5550	2	96.9	9	1244.5	3	
	5550	3	50.9	18	1231.5	2	
	5550	4	62.4	19	1709.4	1	
	5550	5	63.1	18	1221.2	1	
	5550	6	80.0	14	1901.7	3	
	5550	7	67.2	15	1900.3	3	
	5550	8	89.4	13	1352.8	3	
	5550	9	53.2	18	1692.1	2	
	5550	10	55.7	12	1029.4	1	
	5550	11	61.9	10	1404.6	1	
	5550	12	55.9	7	1666.0	3	
	5550	13	62.5	17	1034.7	2	
	5550	14	53.6	20	1838.9	3	
20	5550	1	64.6	6	1018.0	2	1
	5550	2	61.2	6	1244.4	3	
	5550	3	81.1	19	1194.9	2	
	5550	4	60.4	8	1308.1	1	
	5550	5	84.3	16	1755.8	3	
	5550	6	52.2	14	1675.0	3	
	5550	7	86.1	11	1182.4	2	
	5550	8	88.6	13	1775.1	3	
	5550	9	73.6	18	1437.5	2	
	5550	10	66.8	13	1407.8	1	
21	5566.5	1	60.2	6	1930.2	1	1
	5566.5	2	53.2	6	1156.1	3	
	5564.5	3	97.2	10	1809.0	2	
	5562.5	4	59.4	16	1166.5	3	
	5562.5	5	60.3	16	1613.7	2	
	5563.5	6	68.1	12	1427.7	2	
	5565.5	7	89.0	7	1694.9	2	
	5565.5	8	66.8	8	1921.5	3	
	5562.5	9	88.8	16	1491.2	3	
	5564.5	10	76.8	11	1305.5	1	
	5562.5	11	63.4	14	1185.9	1	
	5562.5	12	97.1	16	1418.9	2	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
22	5564.5	1	62.2	9	1160.3	1	1
	5566.5	2	89.7	6	1451.6	3	
	5564.5	3	84.0	9	1923.6	2	
	5564.5	4	79.9	9	1458.7	1	
	5564.5	5	61.4	9	1080.0	3	
	5565.5	6	88.1	8	1957.3	3	
	5562.5	7	86.1	16	1534.6	2	
	5565.5	8	86.8	7	1974.3	3	
	5562.5	9	99.0	14	1073.3	2	
23	5563.5	1	87.7	13	1409.2	2	1
	5561.5	2	64.9	18	1126.8	2	
	5563.5	3	77.8	12	1361.5	2	
	5564.5	4	97.6	11	1913.8	2	
	5560.5	5	50.6	20	1933.5	3	
	5564.5	6	97.8	10	1350.4	3	
	5566.5	7	53.2	5	1403.7	1	
	5564.5	8	97.5	11	1180.3	1	
	5564.5	9	59.6	11	1764.1	2	
	5563.5	10	71.7	13	1292.0	1	
	5564.5	11	97.0	9	1182.6	2	
	5563.5	12	56.2	13	1019.8	1	
	5561.5	13	79.4	17	1055.8	3	
	5565.5	14	53.8	8	1305.1	1	
	5560.5	15	72.1	19	1405.9	3	
24	5562.5	1	80.9	15	1444.3	1	1
	5565.5	2	65.4	8	1073.3	1	
	5561.5	3	50.3	17	1478.6	1	
	5562.5	4	93.5	16	1841.2	3	
	5562.5	5	82.1	16	1164.9	3	
	5562.5	6	63.6	14	1373.8	1	
	5566.5	7	55.7	6	1742.6	1	
	5562.5	8	94.6	14	1266.8	3	
	5560.5	9	52.5	19	1442.6	3	
	5561.5	10	71.7	17	1975.1	1	
	5565.5	11	67.6	8	1414.7	3	
	5563.5	12	51.9	12	1154.7	3	
	5564.5	13	86.1	11	1185.2	1	
	5562.5	14	65.8	15	1368.2	2	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
25	5566.5	1	70.4	6	1298.7	3	1
	5564.5	2	89.6	9	1468.1	2	
	5564.5	3	88.6	9	1789.1	1	
	5563.5	4	95.8	13	1331.9	1	
	5562.5	5	57.2	16	1036.2	3	
	5562.5	6	75.7	16	1750.4	1	
	5561.5	7	86.1	18	1753.0	2	
	5563.5	8	87.4	13	1994.5	2	
	5565.5	9	72.7	8	1805.2	3	
	5564.5	10	90.6	11	1969.8	1	
	5563.5	11	90.5	13	1731.7	1	
	5564.5	12	84.4	9	1398.5	3	
	5565.5	13	72.4	8	1566.2	1	
	5562.5	14	96.1	14	1957.8	3	
	5562.5	15	52.4	16	1771.0	1	
	5562.5	16	88.6	15	1348.2	3	
	5560.5	17	62.5	19	1673.3	2	
	5566.5	18	96.9	6	1565.2	2	
26	5561.5	1	94.8	17	1262.9	1	1
	5565.5	2	51.8	7	1298.8	2	
	5566.5	3	67.8	6	1013.2	1	
	5560.5	4	58.6	20	1886.8	2	
	5565.5	5	95.6	8	1383.1	3	
	5565.5	6	88.7	8	1024.8	2	
	5563.5	7	97.9	12	1229.1	1	
	5566.5	8	75.0	6	1450.8	3	
	5562.5	9	64.3	15	1353.7	2	
	5561.5	10	76.2	17	1340.9	3	
	5561.5	11	70.9	17	1761.5	1	
	5565.5	12	80.8	7	1001.1	2	
	5564.5	13	67.6	10	1375.6	1	
	5564.5	14	50.4	9	1402.4	2	
	5563.5	15	85.5	13	1639.1	3	
	5561.5	16	72.3	18	1234.0	3	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
27	5564.5	1	94.0	11	1381.3	2	1
	5560.5	2	68.9	19	1840.3	3	
	5565.5	3	97.6	8	1163.2	1	
	5564.5	4	87.4	10	1270.8	3	
	5565.5	5	82.1	7	1668.1	2	
	5561.5	6	81.1	18	1171.4	2	
	5563.5	7	82.0	13	1625.2	2	
	5563.5	8	87.1	13	1209.1	1	
	5563.5	9	86.5	12	1266.4	3	
	5563.5	10	70.5	13	1941.4	1	
	5565.5	11	79.9	8	1072.9	3	
	5565.5	12	85.5	8	1284.8	1	
	5565.5	13	78.6	7	1338.6	3	
	5564.5	14	76.2	11	1926.1	1	
	5561.5	15	58.8	17	1104.3	2	
	5564.5	16	80.8	9	1916.2	2	
	5565.5	17	84.0	8	1364.6	3	
	5564.5	18	86.2	10	1827.5	1	
	5563.5	19	88.1	12	1604.8	2	
	5565.5	20	71.2	8	1145.0	2	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
28	5564.5	1	87.6	9	1195.5	1	1
	5561.5	2	85.4	17	1468.9	3	
	5560.5	3	57.3	19	1195.7	2	
	5565.5	4	51.6	7	1193.6	1	
	5561.5	5	90.1	18	1770.3	3	
	5562.5	6	58.2	16	1009.1	3	
	5566.5	7	90.5	6	1117.0	1	
	5560.5	8	63.5	19	1100.6	2	
	5562.5	9	50.6	14	1233.0	1	
	5564.5	10	58.0	10	1633.6	1	
	5562.5	11	66.7	16	1128.9	2	
	5564.5	12	65.4	11	1368.9	3	
	5561.5	13	68.5	18	1428.4	1	
	5561.5	14	87.1	17	1469.8	2	
	5564.5	15	86.8	9	1174.3	2	
	5563.5	16	77.7	12	1695.0	2	
	5564.5	17	71.1	10	1512.0	3	
	5565.5	18	87.3	8	1529.9	1	
	5566.5	19	73.9	5	1315.8	1	
	5564.5	20	72.3	9	1760.5	1	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
29	5564.5	1	51.3	11	1437.5	2	1
	5564.5	2	73.4	10	1604.5	2	
	5561.5	3	96.2	18	1611.0	2	
	5562.5	4	96.4	14	1606.0	1	
	5565.5	5	61.4	7	1367.2	2	
	5564.5	6	57.8	11	1452.1	1	
	5561.5	7	99.6	18	1452.9	3	
	5566.5	8	53.8	6	1241.2	1	
	5560.5	9	99.1	20	1301.2	2	
	5564.5	10	70.2	9	1425.2	3	
	5563.5	11	78.2	12	1816.0	3	
	5564.5	12	65.7	11	1222.2	2	
	5562.5	13	83.8	16	1052.7	1	
	5561.5	14	86.5	18	1750.9	1	
	5561.5	15	52.8	18	1188.2	2	
	5561.5	16	99.0	18	1749.2	2	
	5562.5	17	96.2	15	1108.9	1	
30	5561.5	1	68.5	18	1791.7	2	1
	5564.5	2	72.5	11	1906.0	2	
	5561.5	3	72.6	17	1773.0	2	
	5565.5	4	75.3	8	1768.9	1	
	5565.5	5	80.8	7	1767.2	3	
	5563.5	6	59.6	13	1922.3	1	
	5562.5	7	74.1	16	1430.8	3	
	5566.5	8	74.2	6	1084.8	3	
	5563.5	9	58.4	13	1809.4	1	
	5561.5	10	50.8	18	1080.1	2	
	5566.5	11	87.6	5	1396.8	2	
	5566.5	12	68.5	6	1810.1	2	
	5561.5	13	83.1	18	1104.9	2	
	5563.5	14	65.9	13	1075.2	3	
Detection Percentage (%)							93.33



Test Mode		Mode 2				
Frequency		5550 MHz				
Radar Signal		Type 6				
Trial #	Pulse Width (us)	PRI (us)	Pulses / Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	1=Detection ; 0=No Detection
1	1	333	9	0.333	300	1
2	1	333	9	0.333	300	0
3	1	333	9	0.333	300	1
4	1	333	9	0.333	300	1
5	1	333	9	0.333	300	1
6	1	333	9	0.333	300	1
7	1	333	9	0.333	300	1
8	1	333	9	0.333	300	1
9	1	333	9	0.333	300	1
10	1	333	9	0.333	300	1
11	1	333	9	0.333	300	1
12	1	333	9	0.333	300	1
13	1	333	9	0.333	300	1
14	1	333	9	0.333	300	1
15	1	333	9	0.333	300	1
16	1	333	9	0.333	300	1
17	1	333	9	0.333	300	1
18	1	333	9	0.333	300	1
19	1	333	9	0.333	300	1
20	1	333	9	0.333	300	1
21	1	333	9	0.333	300	1
22	1	333	9	0.333	300	1
23	1	333	9	0.333	300	1
24	1	333	9	0.333	300	1
25	1	333	9	0.333	300	1
26	1	333	9	0.333	300	1
27	1	333	9	0.333	300	1
28	1	333	9	0.333	300	1
29	1	333	9	0.333	300	1
30	1	333	9	0.333	300	1
Detection Percentage (%)						96.67



Test Mode		Mode 3				
Frequency		5530 MHz				
Radar Signal		Type 1				
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5530	1	518	102	1931	1
2	5530	1	638	83	1567	1
3	5530	1	678	78	1475	1
4	5530	1	758	70	1319	1
5	5530	1	3066	18	326	1
6	5530	1	938	57	1066	1
7	5530	1	658	81	1520	1
8	5530	1	518	102	1931	1
9	5530	1	618	86	1618	1
10	5530	1	618	86	1618	1
11	5530	1	878	61	1139	1
12	5530	1	798	67	1253	1
13	5530	1	718	74	1393	1
14	5530	1	798	67	1253	1
15	5530	1	1684	32	594	1
16	5530	1	3019	18	331	1
17	5530	1	812	65	1232	0
18	5530	1	2275	24	440	1
19	5530	1	2339	23	428	1
20	5530	1	1981	27	505	1
21	5530	1	815	65	1227	1
22	5530	1	2215	24	451	0
23	5530	1	1877	29	533	1
24	5530	1	971	55	1030	1
25	5530	1	2473	22	404	1
26	5530	1	657	81	1522	0
27	5530	1	1625	33	615	1
28	5530	1	2141	25	467	1
29	5530	1	1081	49	925	1
30	5530	1	518	102	1931	1
Detection Percentage (%)						90.00



Test Mode	Mode 3					
Frequency	5530 MHz					
Radar Signal	Type 2					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5530	3.90	198.80	29	5030	1
2	5530	3.20	154.10	25	6489	1
3	5530	2.60	184.20	26	5429	1
4	5530	4.00	189.90	28	5266	1
5	5530	1.70	166.50	27	6006	1
6	5530	3.00	204.00	25	4902	1
7	5530	1.80	152.00	26	6579	1
8	5530	4.50	220.40	24	4537	1
9	5530	5.00	170.10	23	5879	1
10	5530	4.10	194.90	28	5131	1
11	5530	4.60	167.30	24	5977	1
12	5530	2.50	155.80	23	6418	1
13	5530	1.50	151.90	29	6583	1
14	5530	3.60	160.70	29	6223	1
15	5530	1.60	159.50	28	6270	1
16	5530	2.00	220.10	26	4543	1
17	5530	2.20	219.70	24	4552	1
18	5530	3.50	206.90	23	4833	1
19	5530	1.80	206.50	23	4843	1
20	5530	3.70	188.40	27	5308	1
21	5530	1.30	158.60	29	6305	1
22	5530	4.30	171.80	28	5821	1
23	5530	1.70	188.80	27	5297	1
24	5530	1.80	151.10	23	6618	1
25	5530	3.80	196.60	29	5086	1
26	5530	1.10	154.40	29	6477	1
27	5530	2.70	227.90	28	4388	1
28	5530	1.90	197.70	27	5058	1
29	5530	1.70	164.40	24	6083	1
30	5530	1.40	181.10	29	5522	0
Detection Percentage (%)						96.67



Test Mode	Mode 3					
Frequency	5530 MHz					
Radar Signal	Type 3					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5530	7.90	332.40	18	3008.42	1
2	5530	8.90	403.30	18	2479.54	1
3	5530	8.50	391.50	18	2554.28	1
4	5530	8.70	431.90	16	2315.35	1
5	5530	9.20	291.40	18	3431.71	1
6	5530	7.20	442.80	17	2258.36	1
7	5530	6.60	221.20	16	4520.80	1
8	5530	9.40	449.30	18	2225.68	0
9	5530	9.40	245.20	18	4078.30	1
10	5530	7.00	251.60	17	3974.56	1
11	5530	8.10	381.60	16	2620.55	1
12	5530	7.00	253.20	18	3949.45	1
13	5530	8.90	292.40	16	3419.97	1
14	5530	6.70	225.40	17	4436.56	1
15	5530	7.80	287.80	17	3474.64	1
16	5530	6.40	265.00	16	3773.58	1
17	5530	9.60	266.20	16	3756.57	1
18	5530	9.70	296.80	18	3369.27	1
19	5530	9.50	403.60	18	2477.70	1
20	5530	9.60	233.40	17	4284.49	1
21	5530	7.70	251.10	18	3982.48	1
22	5530	9.40	259.60	17	3852.08	0
23	5530	9.80	306.70	17	3260.52	0
24	5530	7.20	260.80	17	3834.36	1
25	5530	9.50	400.90	16	2494.39	1
26	5530	6.30	280.80	16	3561.25	0
27	5530	7.60	313.60	17	3188.78	1
28	5530	8.00	232.90	18	4293.69	1
29	5530	6.60	297.90	17	3356.83	1
30	5530	6.80	277.50	16	3603.60	1
Detection Percentage (%)						86.67



Test Mode	Mode 3					
Frequency	5530 MHz					
Radar Signal	Type 4					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5530	17.50	489.20	15	2044	1
2	5530	18.60	244.20	15	4095	1
3	5530	17.90	280.60	15	3564	1
4	5530	13.20	258.80	12	3864	1
5	5530	14.50	297.70	15	3359	1
6	5530	12.90	374.60	16	2670	1
7	5530	19.70	306.10	15	3267	1
8	5530	18.80	226.30	15	4419	1
9	5530	17.10	357.40	12	2798	1
10	5530	18.50	306.50	16	3263	1
11	5530	19.50	256.10	16	3905	1
12	5530	15.00	409.80	16	2440	1
13	5530	16.40	252.50	14	3960	1
14	5530	19.50	367.90	15	2718	1
15	5530	14.60	288.40	12	3467	1
16	5530	15.80	225.60	12	4433	1
17	5530	11.30	422.50	12	2367	1
18	5530	18.80	410.80	13	2434	1
19	5530	11.10	337.50	15	2963	1
20	5530	15.90	380.40	16	2629	1
21	5530	19.90	491.90	13	2033	1
22	5530	16.70	205.10	15	4876	1
23	5530	11.20	215.20	15	4647	1
24	5530	17.50	222.40	12	4496	1
25	5530	17.60	333.30	13	3000	0
26	5530	16.50	414.80	12	2411	0
27	5530	12.00	366.10	13	2731	1
28	5530	18.80	428.50	16	2334	1
29	5530	17.00	241.00	14	4149	1
30	5530	16.00	381.00	13	2625	1
Detection Percentage (%)						93.33



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
1	5494	1	59.9	6	1261.4	2	1
	5495	2	86.6	7	1410.9	2	
	5500	3	69.7	19	1226.5	1	
	5496	4	91.2	10	1627.5	3	
	5495	5	88.7	8	1200.3	3	
	5496	6	81.4	11	1685.6	3	
	5500	7	86.1	20	1096.8	3	
	5498	8	63.5	16	1545.8	1	
	5495	9	84.5	8	1629.6	1	
	5495	10	70.8	7	1758.2	2	
	5497	11	77.7	13	1213.1	1	
2	5496	1	50.1	10	1136.5	1	1
	5496	2	77.5	11	1395.0	1	
	5495	3	88.0	7	1403.1	2	
	5496	4	80.7	9	1511.1	3	
	5496	5	52.9	9	1347.3	3	
	5495	6	52.9	8	1754.9	2	
	5498	7	91.4	15	1350.7	2	
	5498	8	84.9	14	1592.6	1	
	5497	9	55.5	12	1016.5	3	
	5496	10	64.9	10	1582.0	2	
	5494	11	60.5	6	1163.0	1	
	5500	12	69.0	20	1612.4	2	
3	5499	1	55.0	17	1713.8	3	1
	5500	2	94.8	20	1449.4	3	
	5496	3	69.4	9	1649.7	2	
	5498	4	52.0	15	1204.9	3	
	5500	5	79.1	19	1036.8	3	
	5495	6	72.7	7	1876.8	2	
	5498	7	95.3	15	1020.2	1	
	5497	8	88.5	13	1465.4	1	
	5499	9	55.7	18	1201.4	3	
	5495	10	67.3	7	1497.8	2	
	5498	11	65.9	16	1310.7	3	
	5497	12	74.1	13	1871.7	1	
	5496	13	67.8	11	1588.3	1	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
4	5500	1	94.7	19	1880.2	3	1
	5499	2	89.5	17	1552.7	1	
	5497	3	55.5	13	1255.5	1	
	5496	4	70.1	9	1104.9	3	
	5499	5	58.7	18	1694.8	2	
	5499	6	69.4	17	1690.2	3	
	5495	7	72.0	7	1081.2	3	
	5499	8	61.8	18	1366.1	2	
	5496	9	97.0	9	1079.0	1	
5	5496	1	98.6	9	1581.5	1	1
	5500	2	83.0	20	1441.8	3	
	5495	3	68.7	7	1022.4	1	
	5495	4	60.4	8	1339.7	3	
	5496	5	60.5	11	1729.9	3	
	5500	6	92.3	19	1033.8	1	
	5494	7	52.0	5	1021.4	1	
	5496	8	89.9	9	1327.0	1	
	5499	9	55.7	18	1988.6	2	
	5500	10	64.9	19	1299.8	3	
	5500	11	93.8	20	1225.6	3	
	5494	12	82.5	6	1106.5	3	
	5495	13	58.8	8	1093.8	3	
	5494	14	82.9	6	1054.9	2	
	5497	15	99.3	13	1062.0	1	
6	5500	1	95.1	19	1120.3	3	1
	5496	2	66.4	11	1550.6	2	
	5496	3	84.0	10	1551.2	2	
	5500	4	74.1	19	1660.2	2	
	5496	5	54.4	9	1281.4	2	
	5500	6	57.1	20	1031.6	2	
	5497	7	69.0	13	1090.0	1	
	5499	8	72.8	18	1292.9	1	
	5500	9	76.2	19	1106.8	2	
	5496	10	75.3	11	1596.1	1	
	5499	11	99.2	18	1866.1	2	
	5498	12	96.2	14	1372.0	1	
	5495	13	58.1	7	1774.9	1	
	5499	14	56.5	17	1403.2	1	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
7	5498	1	62.3	14	1072.4	1	1
	5500	2	87.5	20	1446.6	2	
	5497	3	94.7	12	1497.8	3	
	5497	4	93.8	12	1771.2	3	
	5500	5	93.1	19	1746.6	3	
	5497	6	95.9	12	1967.6	2	
	5494	7	72.8	5	1814.4	1	
	5498	8	79.3	16	1154.9	2	
	5496	9	84.7	9	1364.4	2	
	5498	10	70.3	14	1310.3	2	
	5496	11	80.1	9	1957.3	1	
	5498	12	83.4	14	1437.9	1	
	5498	13	54.4	14	1976.4	2	
	5494	14	78.9	6	1668.7	3	
	5495	15	60.2	8	1738.8	1	
	5495	16	66.0	8	1657.6	3	
	5497	17	89.5	12	1566.1	3	
8	5494	1	91.5	6	1814.2	1	1
	5496	2	71.2	9	1782.1	3	
	5499	3	86.3	17	1615.5	1	
	5497	4	76.4	12	1271.5	1	
	5498	5	89.7	14	1294.4	2	
	5497	6	85.3	13	1408.5	3	
	5495	7	86.8	7	1140.5	3	
	5499	8	72.2	17	1561.9	1	
	5495	9	68.4	7	1222.2	1	
	5499	10	58.8	18	1876.4	1	
	5499	11	73.0	17	1038.6	3	
	5495	12	60.9	7	1076.7	2	
	5500	13	75.9	19	1964.3	3	
	5500	14	57.5	19	1421.2	1	
	5498	15	69.6	14	1074.7	1	
	5496	16	80.7	11	1123.9	3	
	5499	17	92.6	18	1999.0	1	
	5496	18	50.3	9	1815.7	1	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
9	5495	1	52.2	8	1105.4	2	1
	5500	2	75.7	19	1703.8	1	
	5499	3	75.3	17	1163.9	1	
	5498	4	59.6	14	1673.1	2	
	5495	5	67.4	8	1848.1	1	
	5497	6	82.6	13	1356.8	2	
	5496	7	83.0	10	1005.4	3	
	5496	8	66.3	11	1528.3	1	
	5495	9	80.1	7	1249.0	3	
	5496	10	85.1	9	1971.3	1	
	5495	11	92.9	7	1951.1	1	
	5495	12	89.0	7	1919.9	3	
	5498	13	50.8	14	1846.7	2	
	5496	14	66.0	11	1372.3	2	
	5499	15	62.6	17	1571.2	1	
	5500	16	84.5	19	1525.0	1	
	5495	17	89.8	8	1971.0	3	
	5499	18	82.2	17	1860.8	1	
	5495	19	83.7	7	1695.8	3	
10	5498	1	57.2	15	1917.0	3	1
	5495	2	85.9	7	1648.7	2	
	5498	3	55.9	16	1516.7	3	
	5495	4	88.5	7	1795.6	2	
	5498	5	70.1	16	1547.3	3	
	5495	6	92.1	8	1535.2	1	
	5498	7	56.4	16	1934.0	2	
	5499	8	53.6	17	1063.2	3	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
11	5530	1	76.1	12	1533.7	2	0
	5530	2	65.0	19	1380.3	3	
	5530	3	61.8	15	1257.3	3	
	5530	4	75.9	11	1803.7	1	
	5530	5	84.8	18	1060.8	3	
	5530	6	69.5	6	1152.7	3	
	5530	7	76.5	20	1849.7	3	
	5530	8	67.2	6	1125.0	3	
	5530	9	78.9	19	1200.9	3	
	5530	10	90.0	12	1432.8	2	
	5530	11	76.3	15	1233.5	3	
	5530	12	57.8	16	1950.8	3	
	5530	13	51.9	14	1219.4	3	
	5530	14	81.2	20	1990.3	2	
	5530	15	88.8	17	1103.5	3	
	5530	16	63.5	14	1012.9	1	
12	5530	1	77.0	18	1325.1	2	0
	5530	2	65.3	14	1122.5	3	
	5530	3	84.6	10	1413.4	1	
	5530	4	64.3	10	1260.8	1	
	5530	5	81.3	7	1190.8	2	
	5530	6	96.2	11	1841.7	2	
	5530	7	95.9	5	1004.9	1	
	5530	8	50.8	6	1077.4	2	
	5530	9	63.3	14	1448.0	1	
	5530	10	80.9	10	1307.7	1	
	5530	11	90.7	15	1520.9	3	
	5530	12	60.7	10	1915.6	3	
	5530	13	68.0	10	1997.7	1	
	5530	14	90.6	7	1165.4	1	
	5530	15	51.4	14	1242.3	1	
	5530	16	79.9	7	1246.8	1	
	5530	17	83.4	13	1978.2	2	
	5530	18	83.3	15	1805.3	3	
	5530	19	81.6	16	1548.7	1	
	5530	20	82.0	6	1077.2	2	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
13	5530	1	75.0	5	1832.3	1	1
	5530	2	69.0	13	1751.8	3	
	5530	3	61.0	15	1213.0	3	
	5530	4	67.9	13	1406.0	2	
	5530	5	56.7	16	1423.2	3	
	5530	6	51.8	7	1632.7	2	
	5530	7	89.4	13	1765.1	1	
	5530	8	74.1	13	1267.3	3	
	5530	9	55.4	9	1421.7	3	
	5530	10	96.7	14	1452.0	2	
14	5530	1	86.1	15	1195.2	1	1
	5530	2	58.7	6	1639.7	2	
	5530	3	63.1	15	1534.2	2	
	5530	4	52.0	11	1170.9	3	
	5530	5	78.7	18	1694.1	3	
	5530	6	94.2	10	1730.2	1	
	5530	7	92.7	18	1127.1	1	
	5530	8	60.0	13	1178.2	1	
	5530	9	60.4	19	1597.7	2	
	5530	10	79.7	6	1337.5	2	
	5530	11	52.7	9	1833.3	1	
	5530	12	80.8	16	1631.8	1	
	5530	13	96.3	19	1619.6	3	
	5530	14	98.6	12	1167.5	2	
	5530	15	62.8	9	1890.8	1	
	5530	16	82.4	9	1160.1	3	
	5530	17	71.5	19	1556.1	3	
	5530	18	88.2	12	1057.7	2	
	5530	19	91.0	6	1423.8	3	
	5530	20	74.0	14	1429.2	2	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
15	5530	1	71.8	16	1526.3	1	0
	5530	2	99.8	17	1360.9	2	
	5530	3	66.2	17	1264.6	2	
	5530	4	91.8	20	1438.7	1	
	5530	5	86.3	13	1137.8	3	
	5530	6	59.7	6	1743.9	1	
	5530	7	99.0	7	1683.8	2	
	5530	8	91.2	9	1192.9	1	
	5530	9	66.8	10	1415.1	2	
	5530	10	81.7	6	1508.9	1	
	5530	11	95.4	16	1138.8	2	
	5530	12	51.1	13	1819.3	1	
	5530	13	92.3	17	1909.0	2	
	5530	14	76.2	15	1904.2	3	
	5530	15	90.1	14	1783.8	2	
	5530	16	74.0	16	1227.7	3	
	5530	17	71.2	9	1472.1	2	
	5530	18	73.1	16	1848.1	1	
	5530	19	81.8	12	1338.0	2	
16	5530	1	66.2	7	1056.3	3	1
	5530	2	83.7	9	1331.9	3	
	5530	3	64.8	19	1660.0	2	
	5530	4	96.8	12	1209.6	2	
	5530	5	72.0	7	1777.9	1	
	5530	6	72.6	7	1536.9	2	
	5530	7	97.6	15	1125.0	2	
	5530	8	85.7	10	1307.9	3	
	5530	9	82.1	9	1209.1	2	
	5530	10	95.5	6	1968.7	2	
	5530	11	98.1	17	1905.2	3	
	5530	12	80.2	7	1265.6	1	
	5530	13	68.5	6	1103.6	3	
	5530	14	70.1	5	1044.2	2	
	5530	15	60.9	9	1804.9	2	
	5530	16	97.5	6	1714.4	2	
	5530	17	90.6	17	1286.7	2	
	5530	18	61.7	14	1198.7	3	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
17	5530	1	51.7	19	1236.9	1	0
	5530	2	60.6	6	1403.8	1	
	5530	3	71.9	11	1639.7	2	
	5530	4	97.8	5	1320.3	1	
	5530	5	50.3	12	1277.0	2	
	5530	6	85.9	11	1672.7	2	
	5530	7	88.9	19	1903.1	2	
	5530	8	63.2	12	1152.0	2	
	5530	9	99.0	9	1455.4	1	
	5530	10	58.3	7	1236.6	1	
	5530	11	98.6	7	1603.7	2	
	5530	12	70.8	18	1097.2	1	
	5530	13	95.4	16	1421.1	1	
	5530	14	92.3	7	1564.3	1	
	5530	15	72.9	9	1172.6	3	
	5530	16	90.4	9	1054.7	3	
	5530	17	51.3	19	1730.5	1	
18	5530	1	91.3	9	1379.0	2	1
	5530	2	55.6	16	1030.9	3	
	5530	3	65.5	6	1392.1	2	
	5530	4	86.5	18	1198.1	1	
	5530	5	66.7	17	1478.4	1	
	5530	6	87.3	13	1228.2	2	
	5530	7	55.5	16	1114.2	1	
	5530	8	91.2	9	1281.4	2	
	5530	9	89.1	6	1434.8	1	
	5530	10	69.9	19	1428.5	2	
	5530	11	84.5	6	1958.3	2	
	5530	12	68.7	14	1522.3	1	
	5530	13	91.6	12	1433.0	3	
	5530	14	87.7	5	1019.1	2	
	5530	15	69.2	7	1895.0	2	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
19	5530	1	53.5	15	1599.4	1	1
	5530	2	94.7	9	1018.3	3	
	5530	3	55.0	14	1419.2	3	
	5530	4	98.7	17	1471.7	3	
	5530	5	80.3	13	1624.9	3	
	5530	6	59.6	12	1577.9	1	
	5530	7	70.7	11	1362.5	1	
	5530	8	85.5	8	1238.6	3	
	5530	9	82.0	6	1627.6	1	
	5530	10	74.7	10	1761.0	1	
	5530	11	78.3	20	1273.4	1	
	5530	12	88.9	13	1461.0	1	
	5530	13	95.7	9	1281.2	3	
	5530	14	72.0	8	1002.3	1	
20	5530	1	52.4	18	1069.3	1	1
	5530	2	69.0	17	1869.3	1	
	5530	3	88.4	17	1538.3	2	
	5530	4	67.1	17	1191.9	3	
	5530	5	84.3	5	1370.4	3	
	5530	6	62.3	8	1097.6	3	
	5530	7	61.1	7	1897.9	1	
	5530	8	98.5	8	1079.9	3	
	5530	9	77.9	9	1281.0	1	
	5530	10	91.8	9	1148.2	3	
21	5565	1	55.3	8	1691.4	3	1
	5562	2	71.9	16	1447.7	2	
	5564	3	93.3	9	1512.9	2	
	5564	4	74.8	11	1060.4	2	
	5561	5	77.5	17	1321.4	3	
	5563	6	57.0	12	1095.0	3	
	5565	7	86.5	7	1162.7	3	
	5566	8	89.7	6	1736.6	3	
	5564	9	94.2	11	1864.8	1	
	5560	10	68.9	19	1216.2	3	
	5561	11	93.4	17	1780.7	2	
	5560	12	90.4	20	1194.9	1	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
22	5565	1	53.3	8	1846.5	1	1
	5564	2	78.8	10	1210.0	3	
	5560	3	83.2	19	1749.3	3	
	5563	4	95.2	12	1225.0	1	
	5565	5	89.7	8	1051.6	2	
	5563	6	87.8	12	1684.2	2	
	5560	7	94.9	19	1473.0	1	
	5560	8	59.1	19	1803.2	1	
	5566	9	78.6	5	1961.8	2	
23	5563	1	89.5	12	1638.4	1	1
	5564	2	91.8	11	1979.5	2	
	5565	3	71.6	7	1240.9	2	
	5564	4	54.6	9	1495.7	1	
	5564	5	71.2	9	1128.1	1	
	5566	6	84.1	5	1216.4	2	
	5566	7	57.9	6	1548.5	2	
	5566	8	95.7	5	1981.3	1	
	5562	9	58.8	15	1446.8	3	
	5564	10	59.6	11	1786.8	1	
	5561	11	52.6	17	1076.8	1	
	5563	12	66.6	12	1116.0	1	
	5564	13	85.8	10	1916.5	1	
	5560	14	79.7	19	1321.7	2	
	5560	15	59.0	20	1729.1	1	
24	5561	1	97.2	17	1809.6	1	1
	5565	2	85.9	7	1031.3	2	
	5561	3	62.5	18	1502.6	1	
	5562	4	79.2	16	1905.2	1	
	5561	5	72.1	18	1096.5	3	
	5566	6	68.9	5	1055.2	3	
	5564	7	97.9	9	1276.9	3	
	5564	8	76.2	10	1170.8	1	
	5560	9	95.7	19	1062.3	2	
	5565	10	55.3	7	1013.3	2	
	5560	11	79.7	20	1894.1	3	
	5563	12	59.8	13	1785.2	1	
	5563	13	50.3	12	1963.0	3	
	5566	14	96.1	6	1021.5	3	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
25	5566	1	62.3	6	1348.6	2	1
	5566	2	61.2	6	1710.9	1	
	5563	3	94.6	12	1427.7	2	
	5562	4	79.2	16	1165.6	1	
	5564	5	69.8	9	1606.1	3	
	5563	6	86.0	13	1320.6	3	
	5561	7	83.3	18	1945.9	2	
	5564	8	73.1	10	1856.3	2	
	5561	9	68.2	18	1156.4	2	
	5563	10	97.1	13	1727.5	3	
	5563	11	92.8	12	1973.3	3	
	5562	12	90.4	15	1707.1	1	
	5565	13	76.0	7	1065.1	1	
	5562	14	92.1	14	1049.0	1	
	5561	15	54.9	17	1006.6	3	
	5563	16	89.4	13	1566.2	1	
	5560	17	56.5	19	1935.6	2	
	5563	18	77.8	13	1841.9	1	
26	5562	1	99.0	16	1801.1	3	1
	5562	2	66.7	14	1395.5	3	
	5562	3	52.5	15	1958.8	3	
	5564	4	81.1	10	1951.7	3	
	5563	5	97.8	12	1603.9	3	
	5562	6	86.9	15	1404.6	1	
	5565	7	67.4	8	1606.6	3	
	5566	8	96.4	6	1134.3	1	
	5562	9	89.5	14	1506.9	2	
	5563	10	55.8	12	1188.6	1	
	5563	11	88.7	13	1083.6	3	
	5562	12	63.7	15	1491.3	1	
	5562	13	68.7	16	1544.4	1	
	5562	14	60.9	16	1505.4	1	
	5565	15	54.7	8	1572.0	3	
	5565	16	89.4	8	1761.5	2	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
27	5562	1	98.6	16	1746.2	2	1
	5561	2	50.9	17	1939.4	3	
	5562	3	68.1	16	1106.1	2	
	5560	4	58.2	20	1857.0	1	
	5566	5	79.8	6	1589.7	3	
	5565	6	67.3	7	1905.6	2	
	5565	7	78.1	7	1340.3	2	
	5566	8	65.5	6	1195.5	1	
	5563	9	72.5	13	1409.9	2	
	5560	10	67.1	20	1856.4	2	
	5565	11	62.9	8	1903.6	3	
	5566	12	92.7	6	1181.8	3	
	5566	13	57.9	6	1441.7	1	
	5566	14	90.0	6	1983.0	1	
	5563	15	89.2	12	1406.0	1	
	5562	16	54.7	15	1098.3	1	
	5564	17	98.6	11	1319.3	3	
	5561	18	60.6	18	1655.0	2	
	5563	19	56.9	12	1583.1	2	
	5564	20	55.3	9	1540.7	1	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
28	5565	1	64.9	8	1975.0	3	1
	5564	2	87.0	9	1932.9	2	
	5562	3	61.5	16	1050.9	2	
	5560	4	66.4	20	1104.5	2	
	5561	5	73.1	18	1955.1	1	
	5560	6	78.9	19	1663.3	2	
	5562	7	97.9	14	1163.6	3	
	5564	8	76.1	11	1261.9	1	
	5563	9	56.9	13	1757.1	3	
	5561	10	83.4	18	1077.4	2	
	5566	11	67.9	5	1036.3	2	
	5562	12	77.2	16	1297.3	1	
	5560	13	77.9	19	1558.1	3	
	5564	14	56.8	10	1016.3	2	
	5560	15	57.8	19	1471.3	1	
	5560	16	67.3	20	1893.8	2	
	5563	17	88.8	12	1115.8	2	
	5561	18	75.8	18	1709.8	3	
	5565	19	88.2	7	1956.7	1	
	5563	20	84.6	13	1059.7	1	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
29	5565	1	59.4	7	1098.2	1	1
	5564	2	78.2	10	1100.6	3	
	5564	3	89.1	9	1565.4	3	
	5561	4	65.0	18	1147.6	2	
	5565	5	65.8	8	1440.0	3	
	5562	6	52.4	14	1977.8	1	
	5564	7	88.4	11	1174.1	1	
	5562	8	94.8	14	1107.3	2	
	5562	9	73.1	16	1806.2	1	
	5560	10	85.6	20	1746.5	1	
	5565	11	54.1	7	1589.9	3	
	5565	12	83.6	8	1395.1	2	
	5560	13	84.7	19	1929.4	3	
	5564	14	72.4	10	1460.7	3	
	5562	15	77.3	16	1799.4	3	
	5566	16	58.0	5	1017.9	2	
	5562	17	77.2	16	1529.8	3	
30	5560	1	78.5	19	1841.3	3	1
	5561	2	91.3	18	1637.8	2	
	5565	3	70.2	8	1743.2	1	
	5561	4	90.5	18	1199.1	1	
	5562	5	55.3	15	1194.9	2	
	5564	6	81.6	11	1147.3	3	
	5560	7	62.9	19	1579.5	2	
	5563	8	72.3	12	1888.9	1	
	5562	9	66.4	15	1851.6	3	
	5563	10	95.6	12	1424.3	2	
	5562	11	88.6	16	1743.7	1	
	5562	12	51.6	15	1742.9	1	
	5560	13	75.5	20	1861.8	1	
	5564	14	64.5	11	1936.6	1	
Detection Percentage (%)							86.67



Test Mode		Mode 3				
Frequency		5530 MHz				
Radar Signal		Type 6				
Trial #	Pulse Width (us)	PRI (us)	Pulses / Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	1=Detection ; 0=No Detection
1	1	333	9	0.333	300	1
2	1	333	9	0.333	300	1
3	1	333	9	0.333	300	1
4	1	333	9	0.333	300	1
5	1	333	9	0.333	300	1
6	1	333	9	0.333	300	1
7	1	333	9	0.333	300	1
8	1	333	9	0.333	300	1
9	1	333	9	0.333	300	1
10	1	333	9	0.333	300	1
11	1	333	9	0.333	300	1
12	1	333	9	0.333	300	1
13	1	333	9	0.333	300	1
14	1	333	9	0.333	300	1
15	1	333	9	0.333	300	1
16	1	333	9	0.333	300	1
17	1	333	9	0.333	300	1
18	1	333	9	0.333	300	1
19	1	333	9	0.333	300	1
20	1	333	9	0.333	300	1
21	1	333	9	0.333	300	1
22	1	333	9	0.333	300	1
23	1	333	9	0.333	300	1
24	1	333	9	0.333	300	0
25	1	333	9	0.333	300	1
26	1	333	9	0.333	300	1
27	1	333	9	0.333	300	1
28	1	333	9	0.333	300	1
29	1	333	9	0.333	300	1
30	1	333	9	0.333	300	1
Detection Percentage (%)						96.67

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