

DFS Test Report

Applicant : Control4
Product Type : 802.11ac 2x2 Wave 2 Access Point
Trade Name : pakedge
Model Number : WA-2200-1, WA-2200, WA-2200-C, WA-2200-C-1
Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013
Receive Date : Feb. 18, 2019
Test Period : Apr. 04 ~ Apr. 25, 2019
Issue Date : Jun. 04, 2019

Issue by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 33465, Taiwan (R.O.C.)
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Taiwan Accreditation Eoundation accreditation number: 1330
Test Firm MRA designation number: TW0010

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Revision History

Rev.	Issue Date	Revisions	Revised By
00	May 14, 2019	Initial Issue	Nina Lin
01	Jun. 04, 2019	Page 6 Added RF Output Power information. Page 13 Revised Tested System Details information. Page 17&28 Revised Radar Waveforms and Traffic Test Photographs. Page 40 Revised U-NII Detection Bandwidth information.	Nina Lin

Verification of Compliance

Issued Date: Jun. 04, 2019

Applicant : Control4
Product Type : 802.11ac 2x2 Wave 2 Access Point
Trade Name : pakedge
Model Number : WA-2200-1, WA-2200, WA-2200-C, WA-2200-C-1
FCC ID : R33WA2200
EUT Rated Voltage : DC 12 V, 1 A
Test Voltage : 120 Vac / 60 Hz
Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013
Test Result : Complied
Application Purpose : Class II permissive change
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 : Eric Ou Yang
(Manager) (Fly Lu) (Testing Engineer) (Eric Ou 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				
Trade Name	pakedge				
Model Number	WA-2200-1, WA-2200, WA-2200-C, WA-2200-C-1				
Model Number Different Description	Those model numbers differ from each other in selling region.				
FCC ID	R33WA2200				
Class II Permissive Change	Add U-NII Band II function by software control.				
Operate Frequency	Frequency Band			Frequency Range (MHz)	Number of Channels
	IEEE 802.11a	U-NII Band II-A		5260 – 5320	4
		U-NII Band II-C		5500 – 5700	8
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz	U-NII Band II-A		5260 – 5320	4
		U-NII Band II-C		5500 – 5700	8
	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	ANT	Model	Type	Frequency Range (MHz)	Max. Gain
	ANT-0	5718A0289300	Metal PIFA Antenna	5260 – 5320	3.98
				5500 – 5700	5.30
	ANT-1	5718A0289300	Metal PIFA Antenna	5260 – 5320	5.38
				5500 – 5700	4.88
	G _{ANT}			5260 – 5320	4.74
5500 – 5700				5.10	
Antenna Delivery	IEEE 802.11a / IEEE 802.11ac 20 MHz / 40 MHz / 80 MHz : 2TX				
Operate Temp. Range	0 ~ +40 °C				



Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band II-A	0.104
	U-NII Band II-C	0.110
IEEE 802.11ac 20 MHz	U-NII Band II-A	0.108
	U-NII Band II-C	0.113
IEEE 802.11ac 40 MHz	U-NII Band II-A	0.139
	U-NII Band II-C	0.149
IEEE 802.11ac 80 MHz	U-NII Band II-A	0.090
	U-NII Band II-C	0.086

Beamforming on

Frequency Band		RF Output Power (W)
IEEE 802.11ac 20 MHz	U-NII Band II-A	0.049
	U-NII Band II-C	0.050
IEEE 802.11ac 40 MHz	U-NII Band II-A	0.064
	U-NII Band II-C	0.073
IEEE 802.11ac 80 MHz	U-NII Band II-A	0.041
	U-NII Band II-C	0.041



Items	Description	
Communication Mode	<input checked="" type="checkbox"/> IP Based (Load Based)	<input type="checkbox"/> Frame Based
TPC Function	<input type="checkbox"/> With TPC	<input checked="" type="checkbox"/> Without TPC
Weather Band (5600 ~ 5650 MHz)	<input type="checkbox"/> With 5600 ~ 5650 MHz	<input checked="" type="checkbox"/> Without 5600 ~ 5650 MHz
Beamforming Function	<input checked="" type="checkbox"/> With Beamforming	<input type="checkbox"/> Without Beamforming
Equipment Type	<input type="checkbox"/> Outdoor access point (point-to-point)	
	<input type="checkbox"/> Outdoor access point (point-to-multipoint)	
	<input checked="" type="checkbox"/> Indoor access point	
	<input type="checkbox"/> Fixed point-to-point access points	
	<input type="checkbox"/> Client devices	
Operating mode	<input checked="" type="checkbox"/> Master	
	<input type="checkbox"/> Client with radar detection	
	<input type="checkbox"/> Client without radar detection	
	<input type="checkbox"/> Ad-Hoc	
	<input type="checkbox"/> Bridge	
	<input type="checkbox"/> MESH	
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
<p>Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p>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.</p> <p>Note 3: EIRP is based on the highest antenna gain. For MIMO devices refer to FCC KDB Publication 662911 D01.</p>	

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.
<p>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.</p> <p>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.</p> <p>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.</p>	



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 <hr/> 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	$\text{Roundup} \left\{ \begin{array}{l} \left(\frac{1}{360} \right) \cdot \\ \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \end{array} \right\}$	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

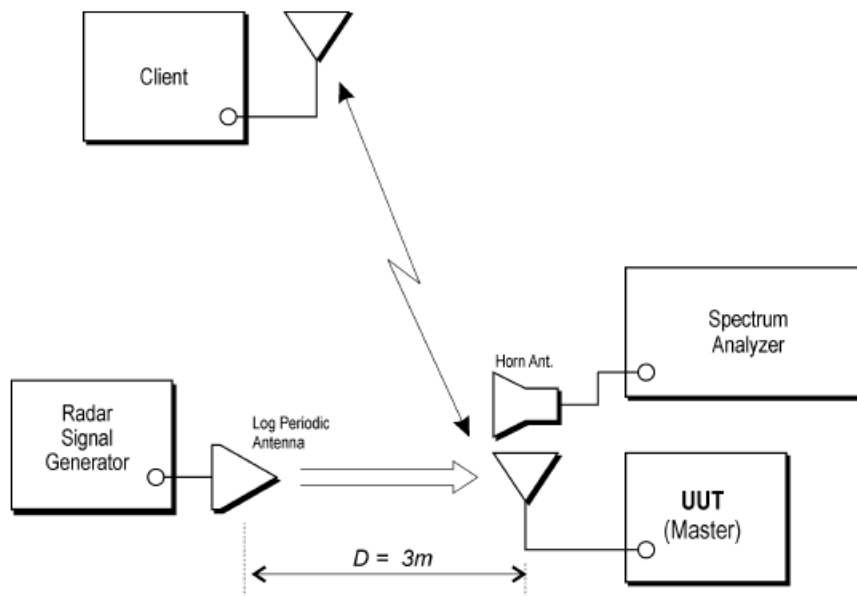
Table 6 – Long Pulse Radar Test Signal							
Radar Waveform	Bursts	Pulses per Burst	Pulse Width (µsec)	Chirp Width (MHz)	PRI (µsec)	Minimum Percentage of Successful Detection	Minimum Trials
5	8-20	1-3	50-100	5-20	1000-2000	80 %	30

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.	ID
1.	Notebook	ASUS	P2430U	---
2.	AC Adapter	ASUS	ADP-65GD B	---
3.	Smart Phone	SAMSUNG	SM-N9208	A3LSMN9208



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: Apr. 04 ~ Apr. 25, 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	05/24/2018	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

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.

Note: AC Adapter (Model Number: PS1012-120HUB100) is the worst case.

4.2. EUT Test Step

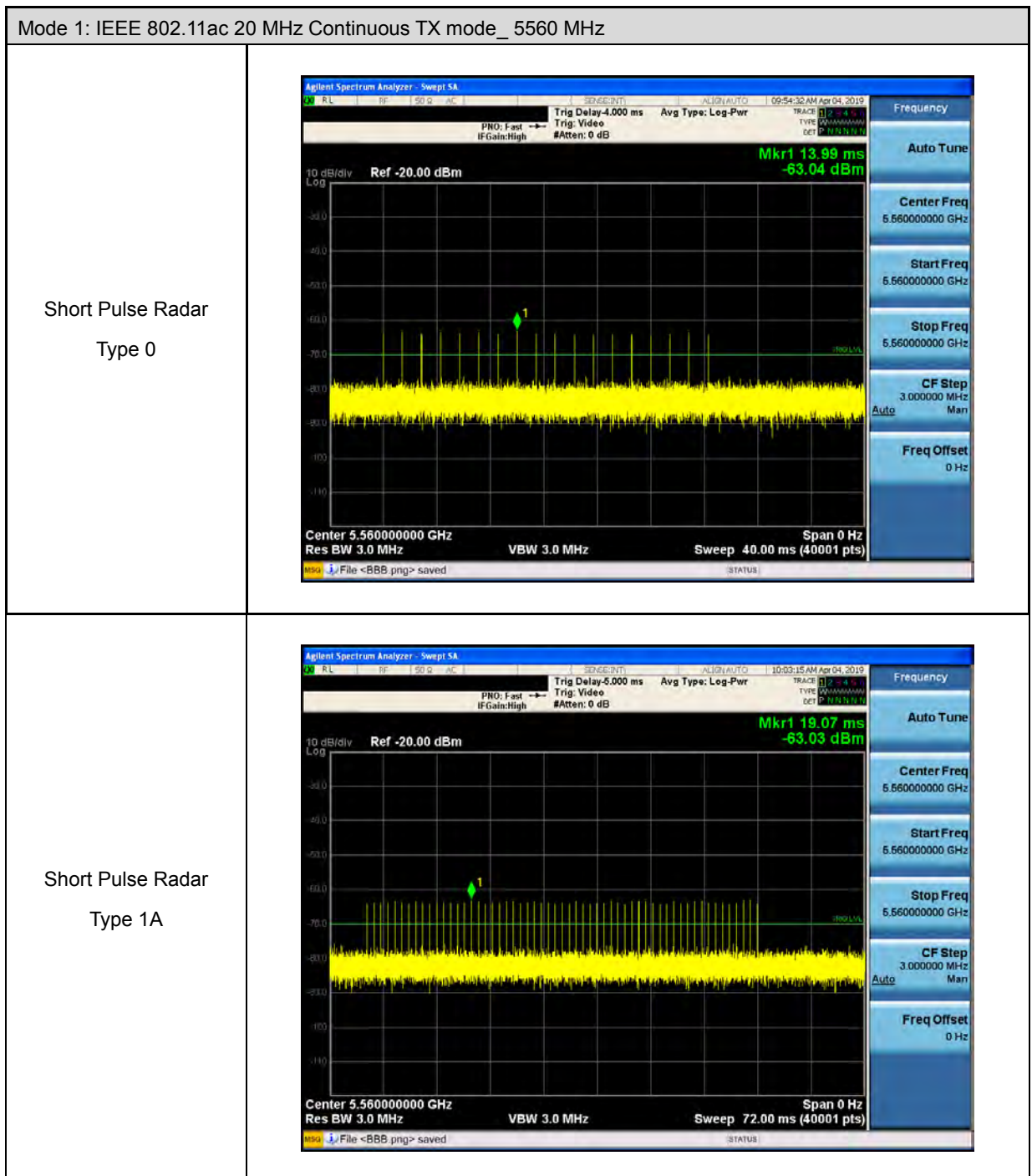
1.	Setup the EUT shown on 3.2.
2.	Turn on the power of all equipment.
3.	Turn on Wi-Fi function link to Notebook.
4.	The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement.

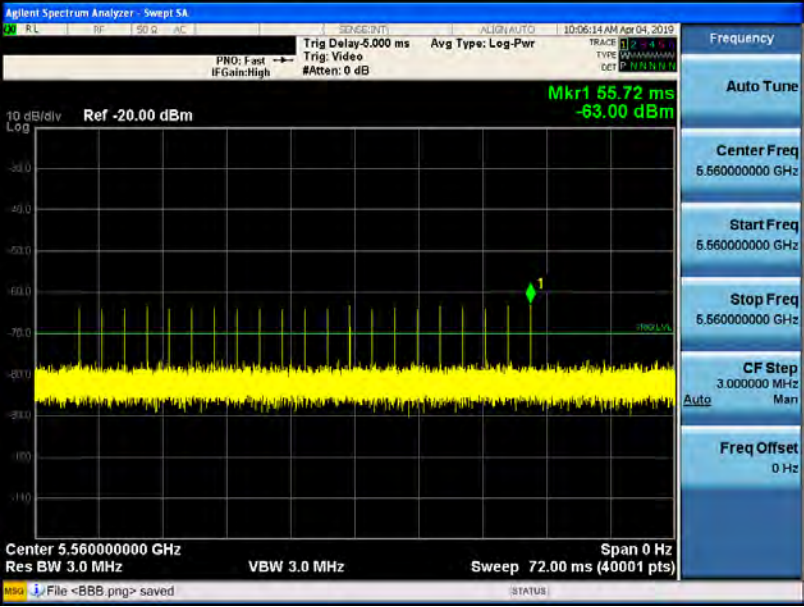
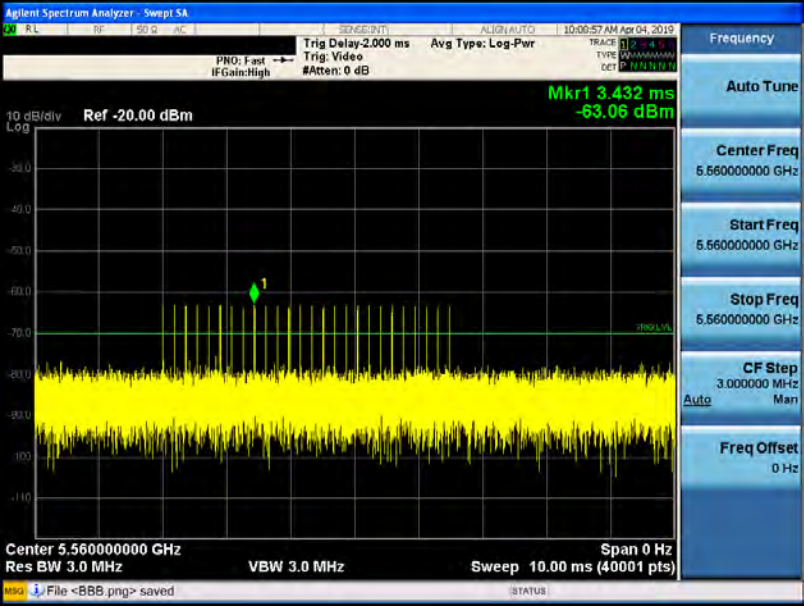
4.3. Test Site Environment

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

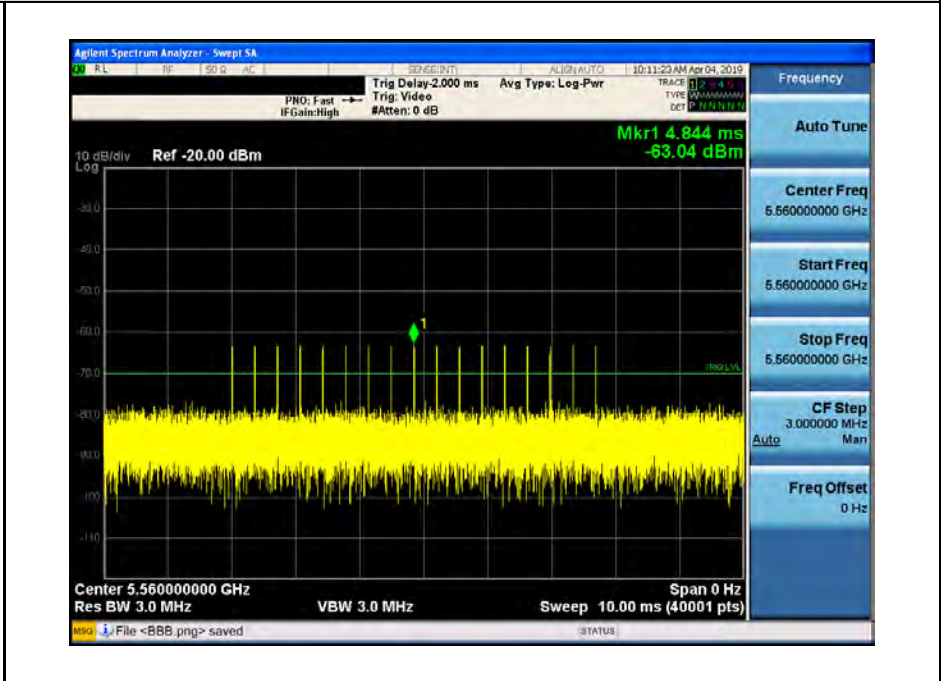
5.1. Radar Waveforms and Traffic



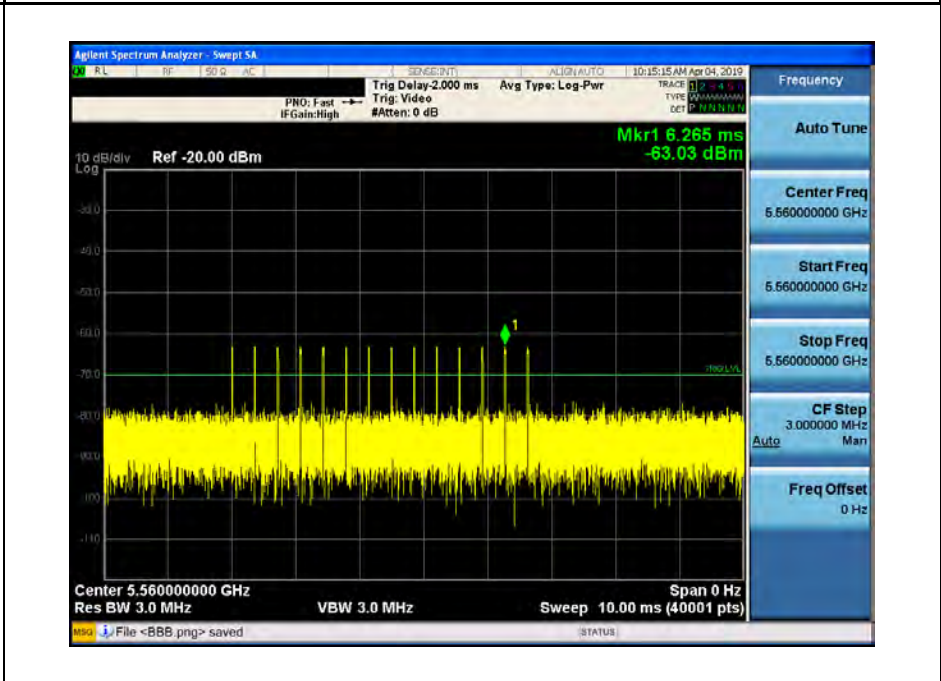
Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode_ 5560 MHz	
<p>Short Pulse Radar Type 1B</p>	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Trig Delay: 5.000 ms Avg Type: Log-Pwr</p> <p>Mkr1 55.72 ms -63.00 dBm</p> <p>Ref -20.00 dBm</p> <p>Center 5.560000000 GHz Res BW 3.0 MHz VBW 3.0 MHz Sweep 72.00 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq 5.560000000 GHz, Start Freq 5.560000000 GHz, Stop Freq 5.560000000 GHz, CF Step 3.000000 MHz, Freq Offset 0 Hz</p>
<p>Short Pulse Radar Type 2</p>	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Trig Delay: 2.000 ms Avg Type: Log-Pwr</p> <p>Mkr1 3.432 ms -63.06 dBm</p> <p>Ref -20.00 dBm</p> <p>Center 5.560000000 GHz Res BW 3.0 MHz VBW 3.0 MHz Sweep 10.00 ms (40001 pts)</p> <p>Frequency: Auto Tune, Center Freq 5.560000000 GHz, Start Freq 5.560000000 GHz, Stop Freq 5.560000000 GHz, CF Step 3.000000 MHz, Freq Offset 0 Hz</p>

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

Short Pulse Radar
 Type 3

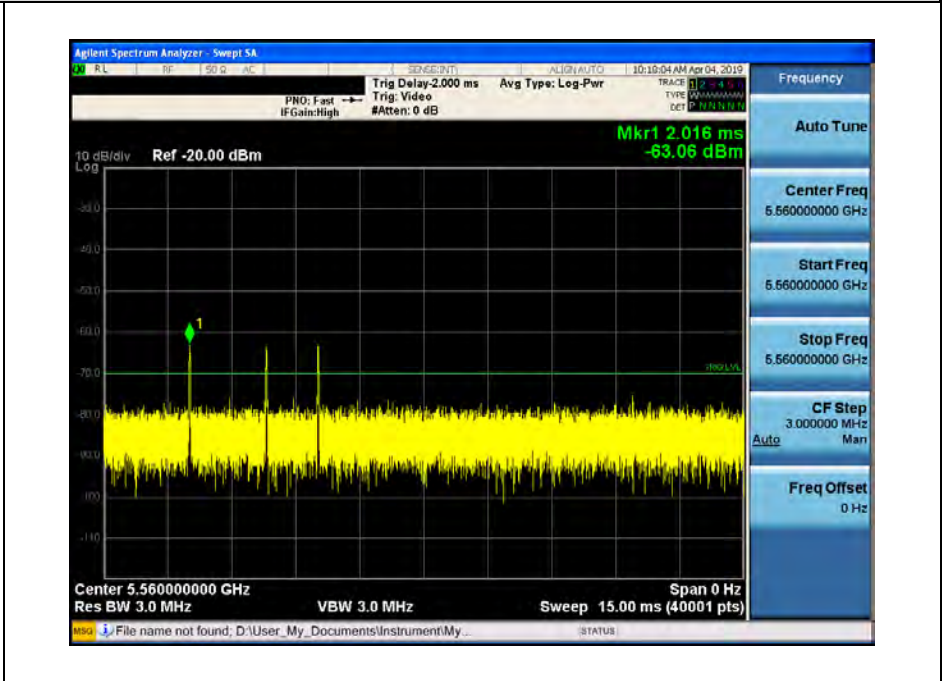


Short Pulse Radar
 Type 4

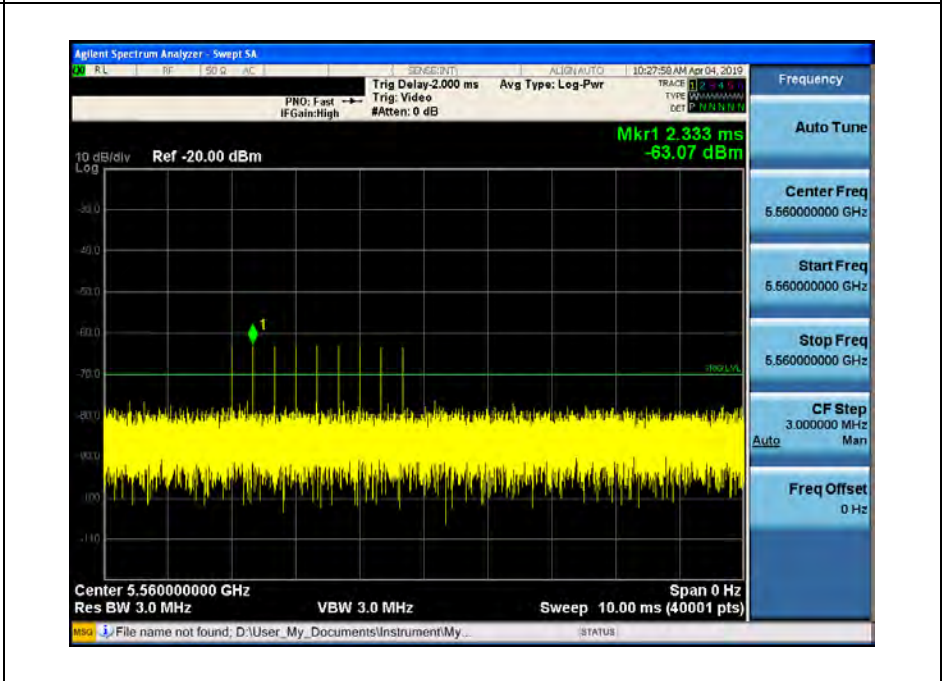


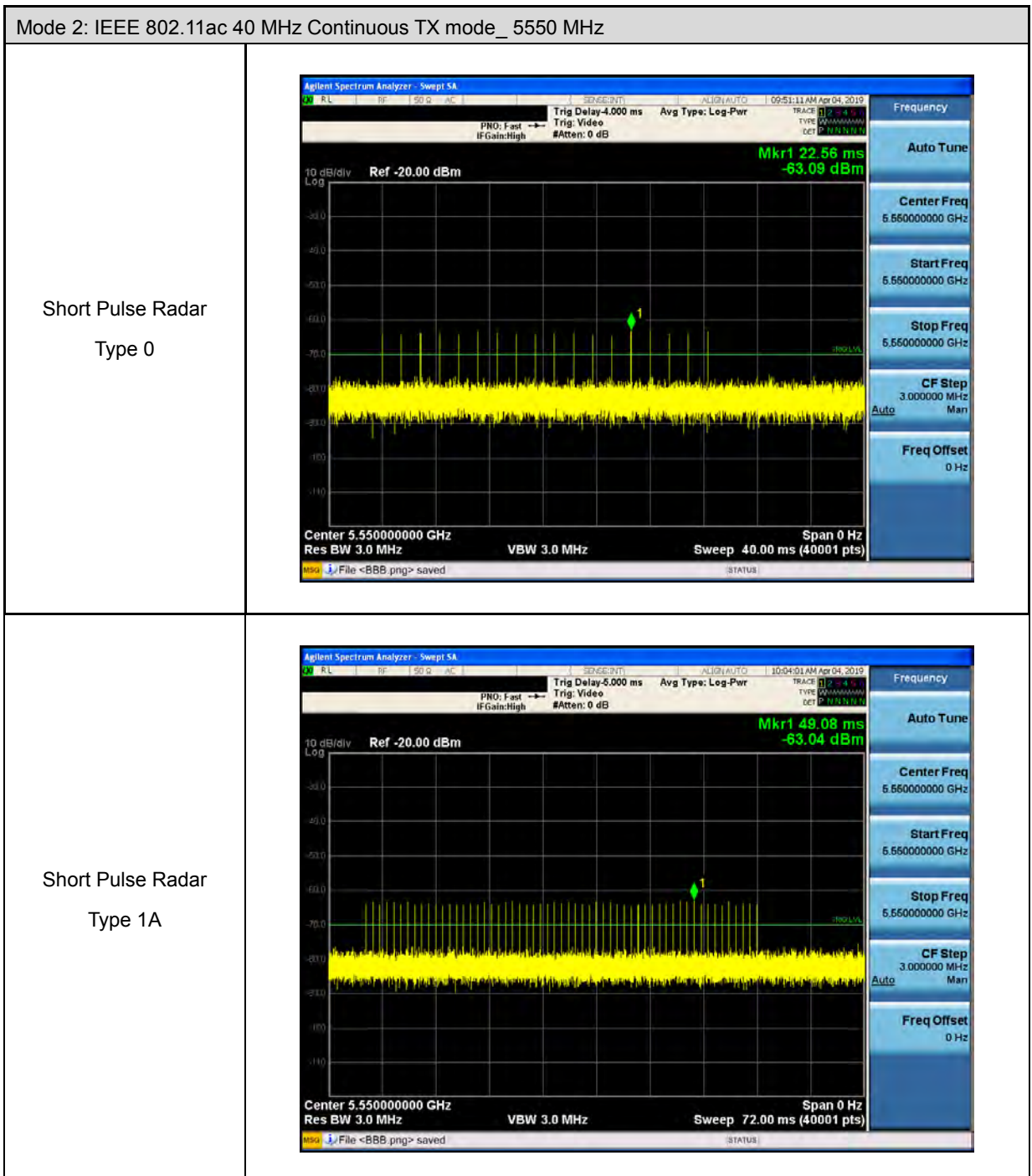
Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode_ 5560 MHz

Long Pulse Radar
 Type 5



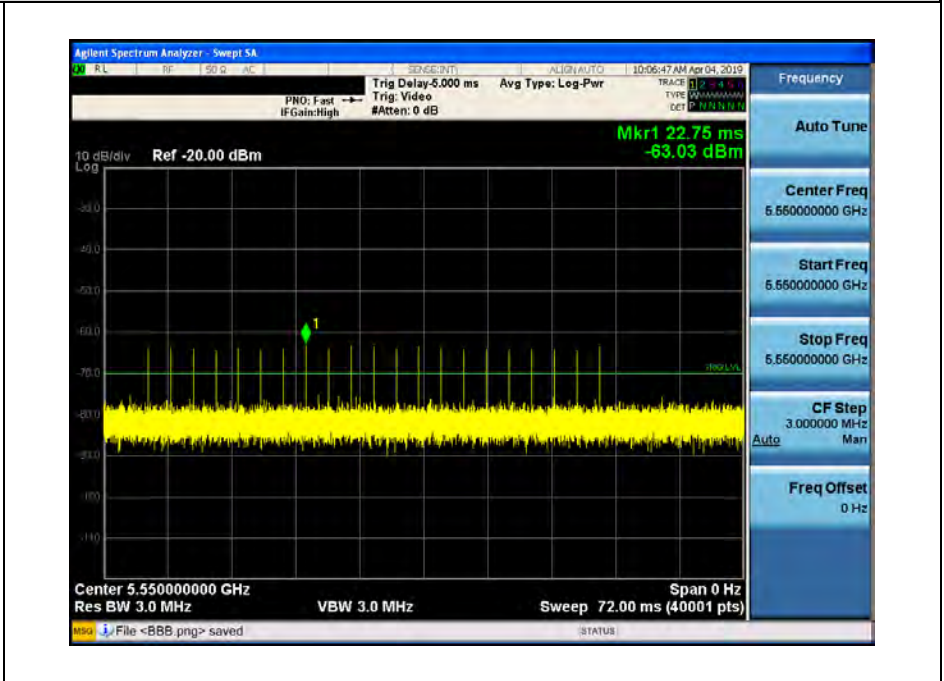
Frequency Hopping
 Radar
 Type 6



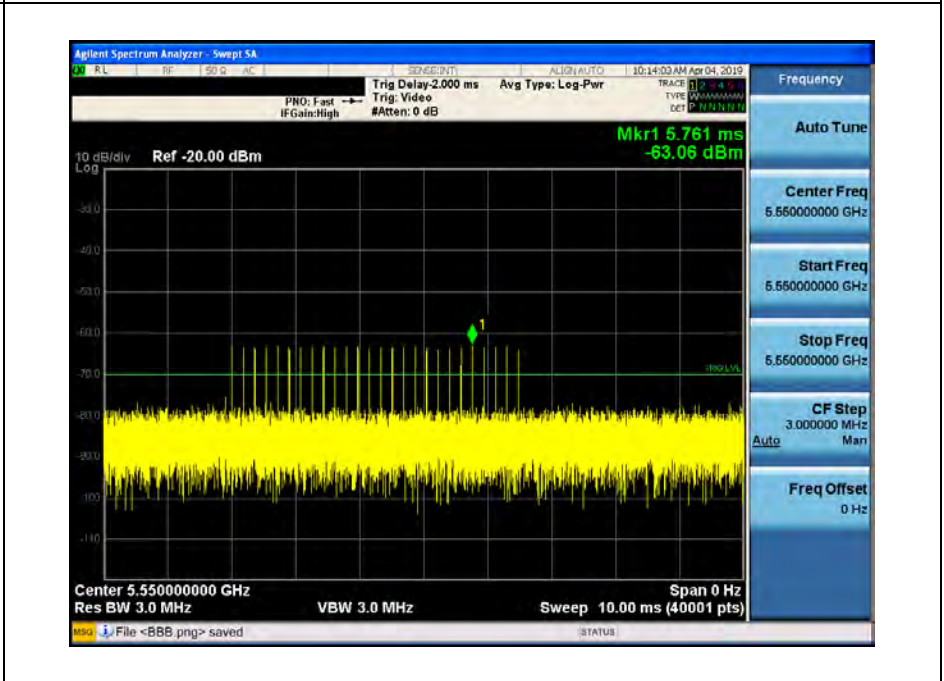


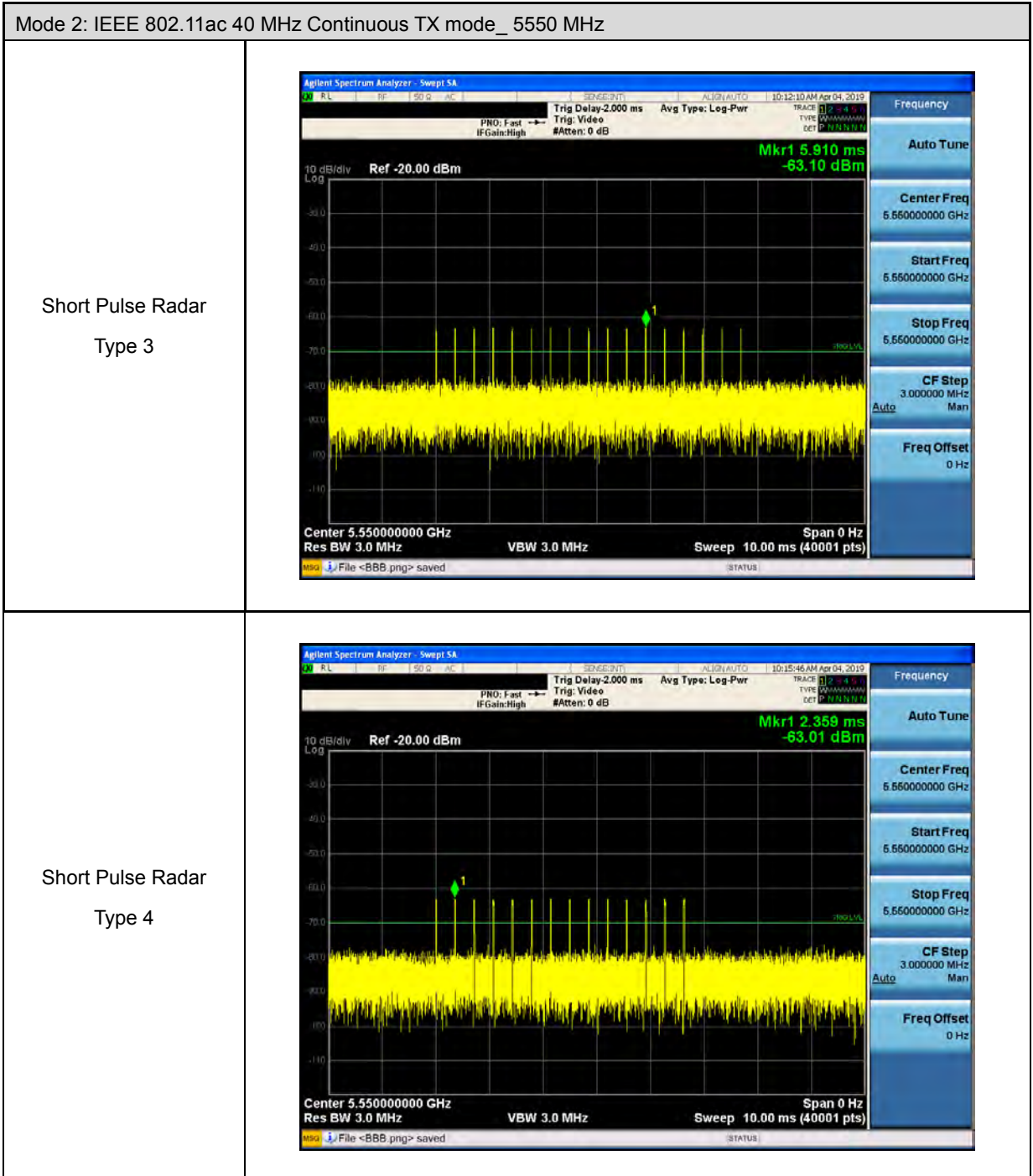
Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode_ 5550 MHz

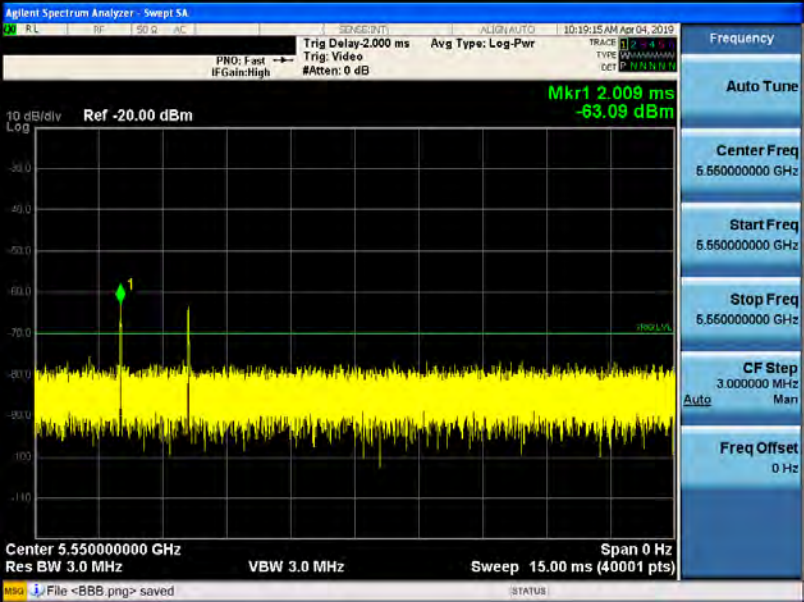
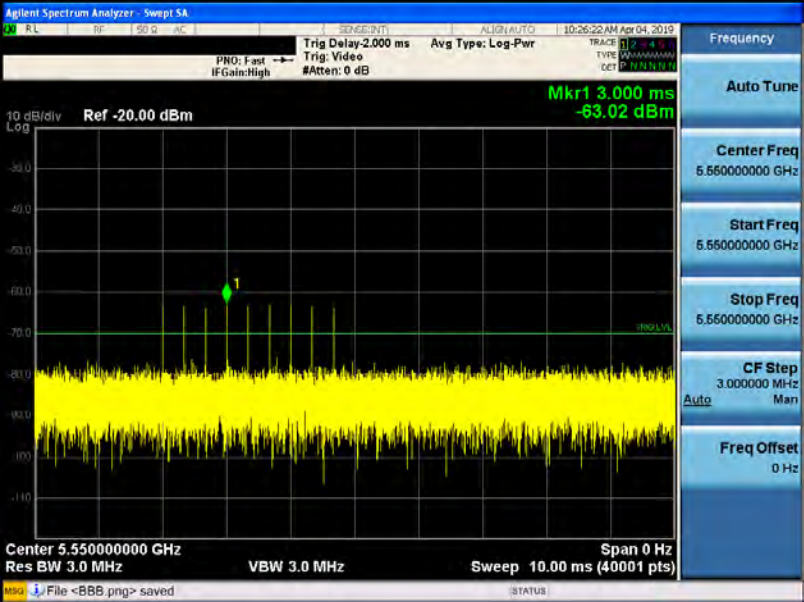
Short Pulse Radar
Type 1B

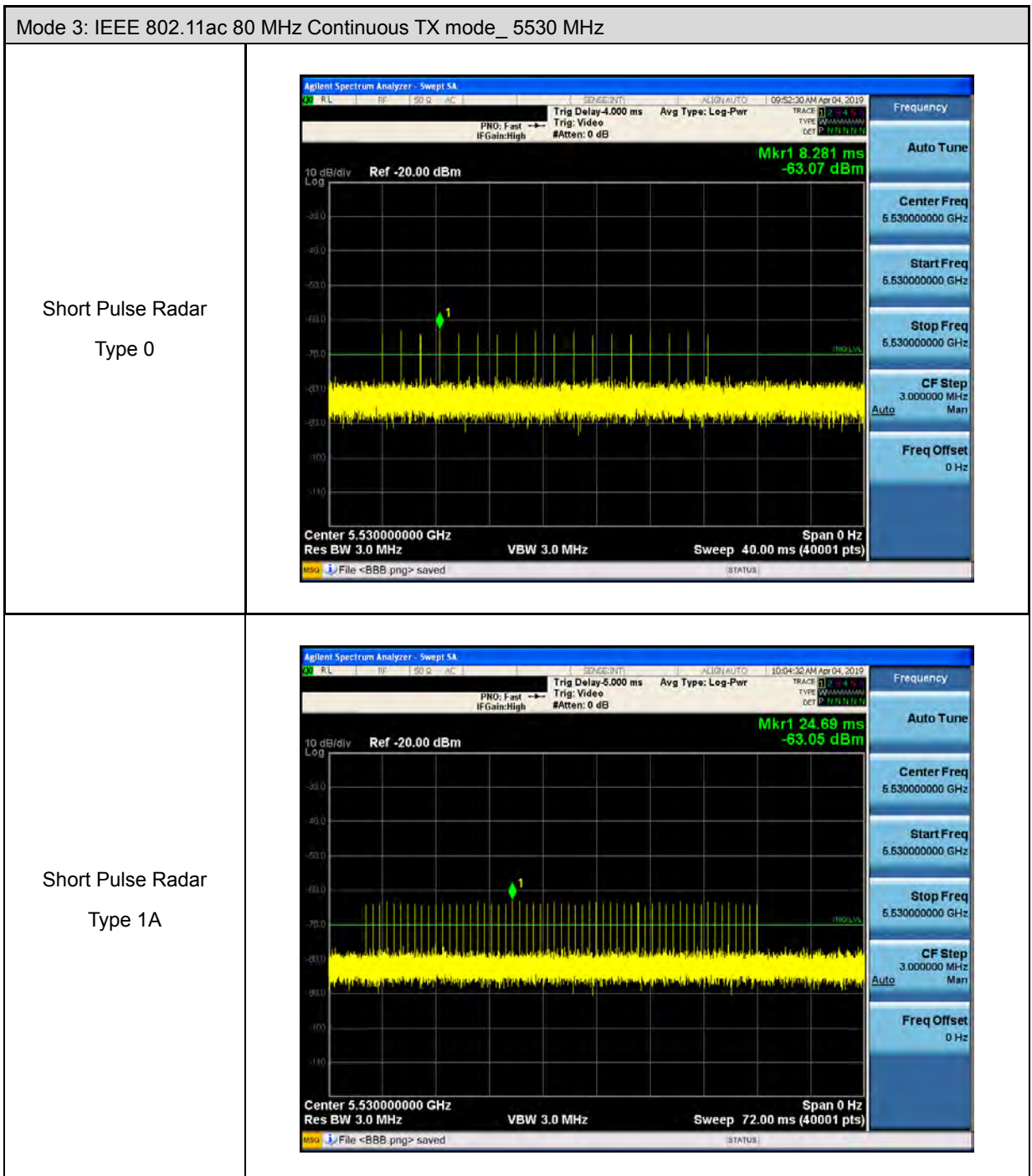


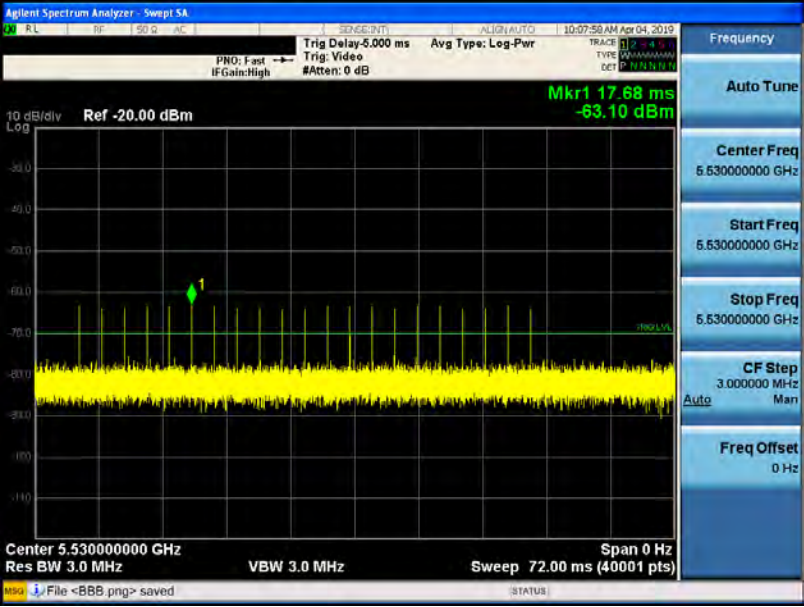
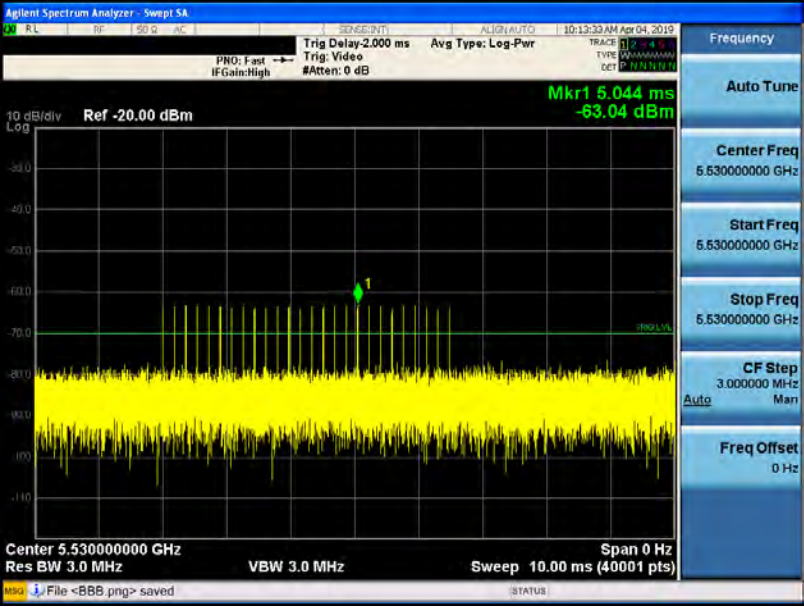
Short Pulse Radar
Type 2





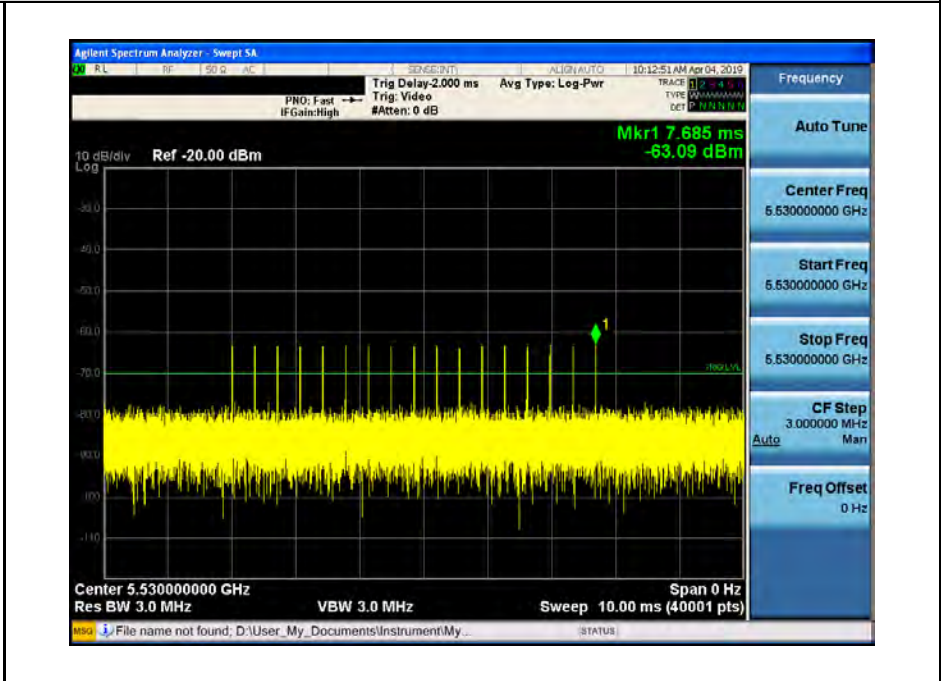
Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode_ 5550 MHz	
<p>Long Pulse Radar Type 5</p>	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>10:19:15 AM Apr 04, 2019</p> <p>Trig Delay: 2.000 ms Avg Type: Log-Pwr</p> <p>Mkr1 2.009 ms -63.09 dBm</p> <p>Center 5.550000000 GHz Res BW 3.0 MHz VBW 3.0 MHz Sweep 15.00 ms (40001 pts)</p> <p>File <BBB.png> saved</p>
<p>Frequency Hopping Radar Type 6</p>	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>10:26:22 AM Apr 04, 2019</p> <p>Trig Delay: 2.000 ms Avg Type: Log-Pwr</p> <p>Mkr1 3.000 ms -63.02 dBm</p> <p>Center 5.550000000 GHz Res BW 3.0 MHz VBW 3.0 MHz Sweep 10.00 ms (40001 pts)</p> <p>File <BBB.png> saved</p>



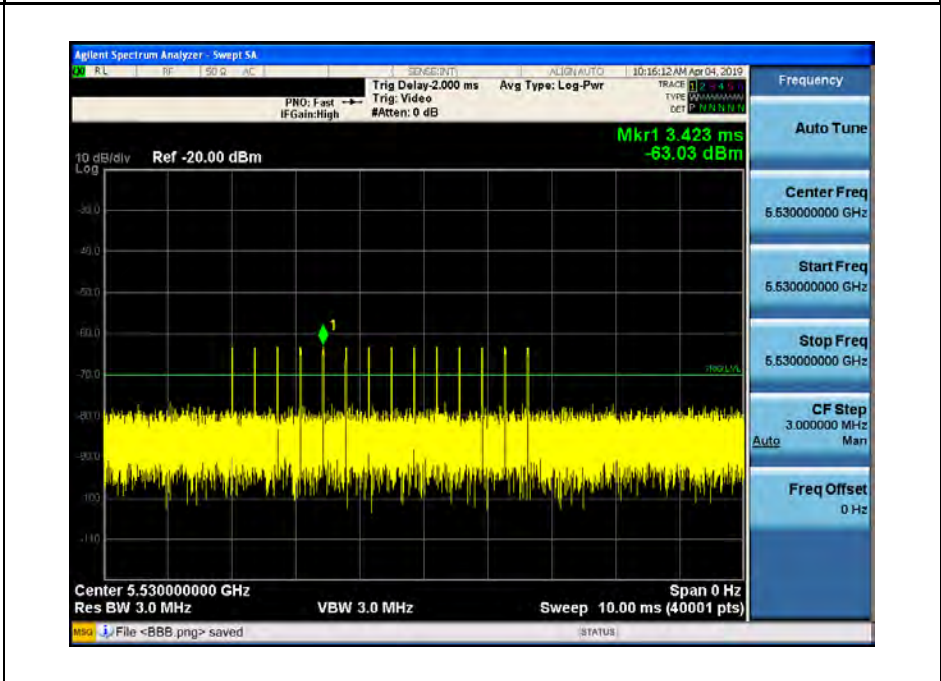
Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode_ 5530 MHz	
<p>Short Pulse Radar Type 1B</p>	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Trig Delay: 5.000 ms Avg Type: Log-Pwr</p> <p>Mkr1 17.68 ms -63.10 dBm</p> <p>Ref -20.00 dBm</p> <p>Center 5.530000000 GHz Res BW 3.0 MHz VBW 3.0 MHz Sweep 72.00 ms (40001 pts) Span 0 Hz</p> <p>File <BBB.png> saved</p>
<p>Short Pulse Radar Type 2</p>	 <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Trig Delay: 2.000 ms Avg Type: Log-Pwr</p> <p>Mkr1 5.044 ms -63.04 dBm</p> <p>Ref -20.00 dBm</p> <p>Center 5.530000000 GHz Res BW 3.0 MHz VBW 3.0 MHz Sweep 10.00 ms (40001 pts) Span 0 Hz</p> <p>File <BBB.png> saved</p>

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

Short Pulse Radar
 Type 3

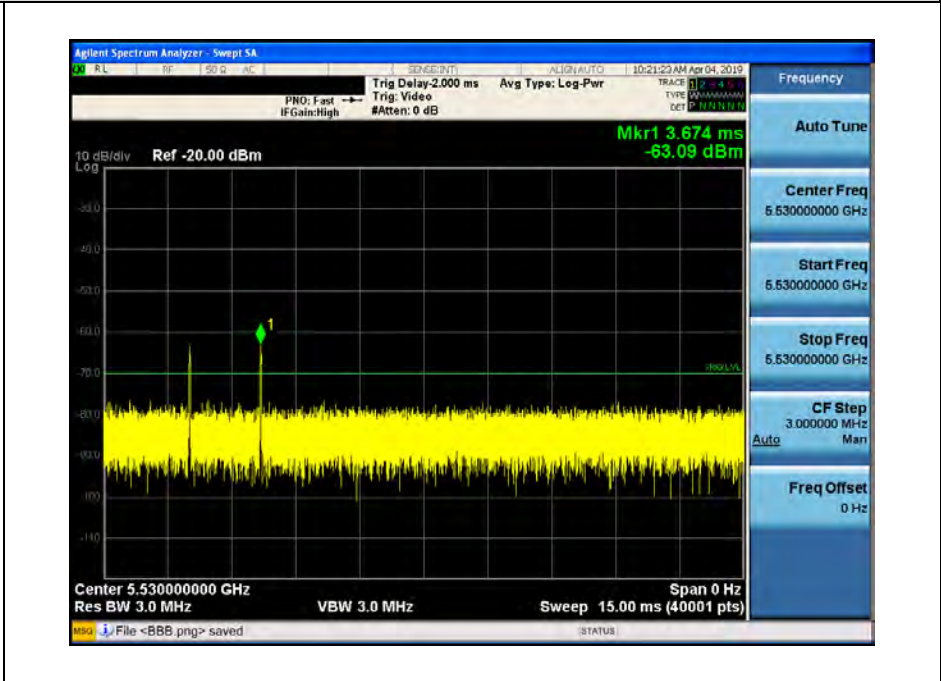


Short Pulse Radar
 Type 4

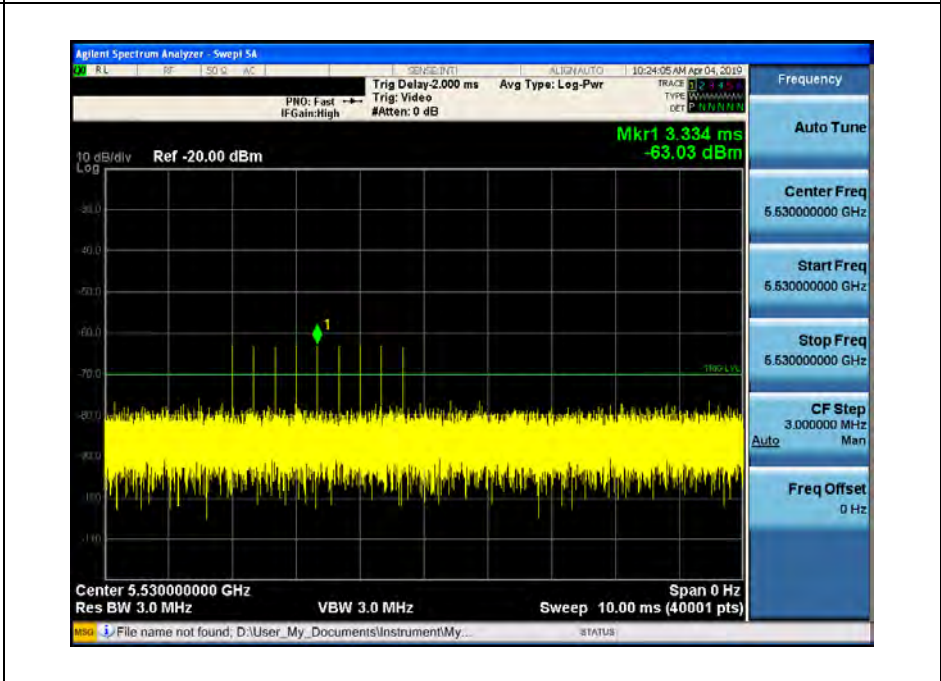


Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode_ 5530 MHz

Long Pulse Radar
 Type 5

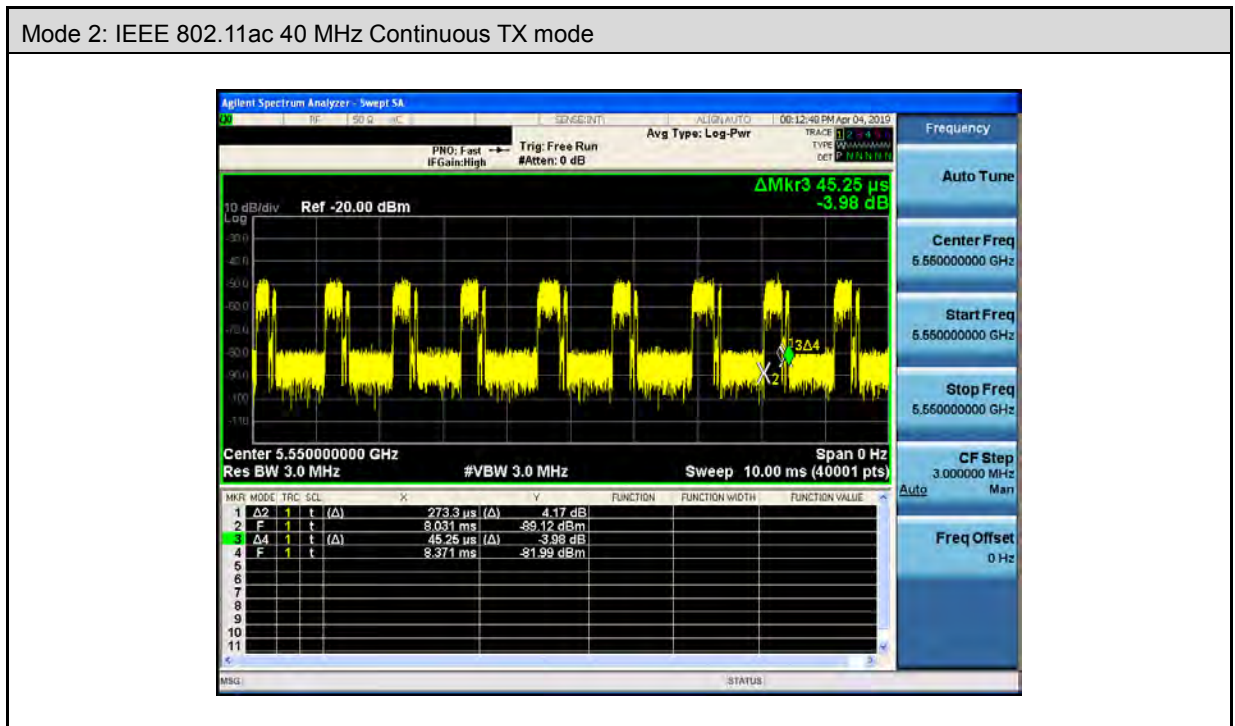
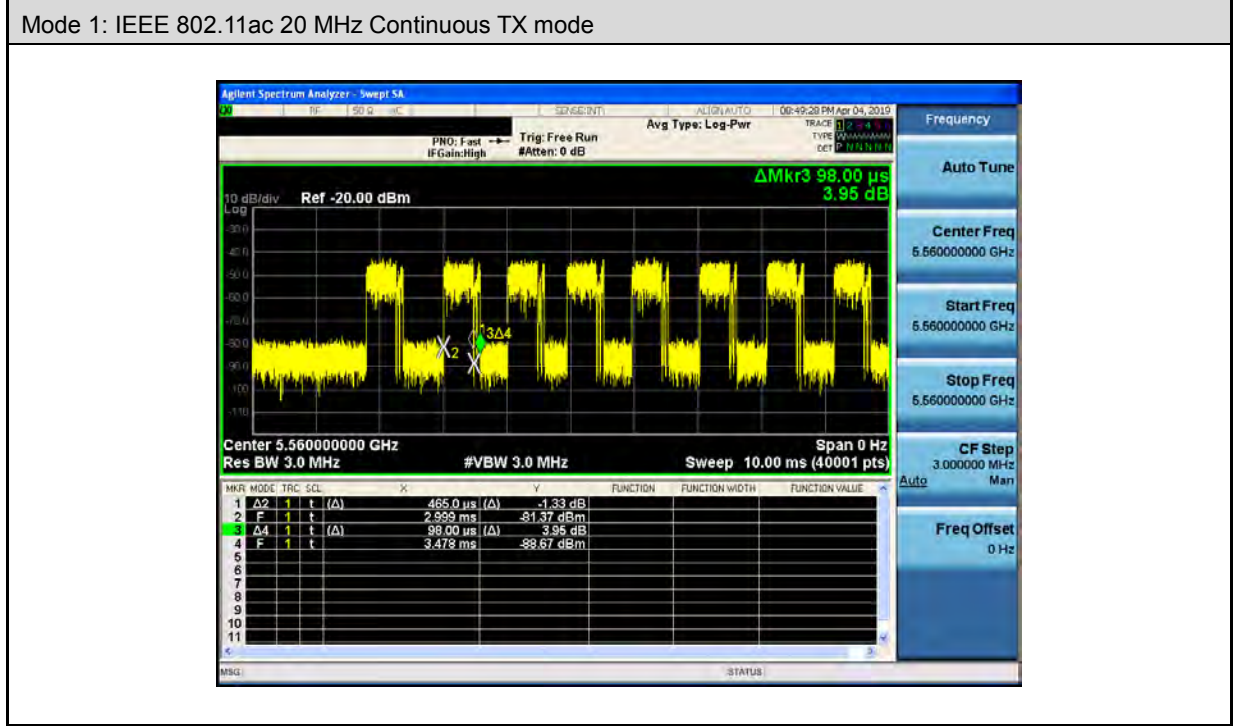


Frequency Hopping
 Radar
 Type 6

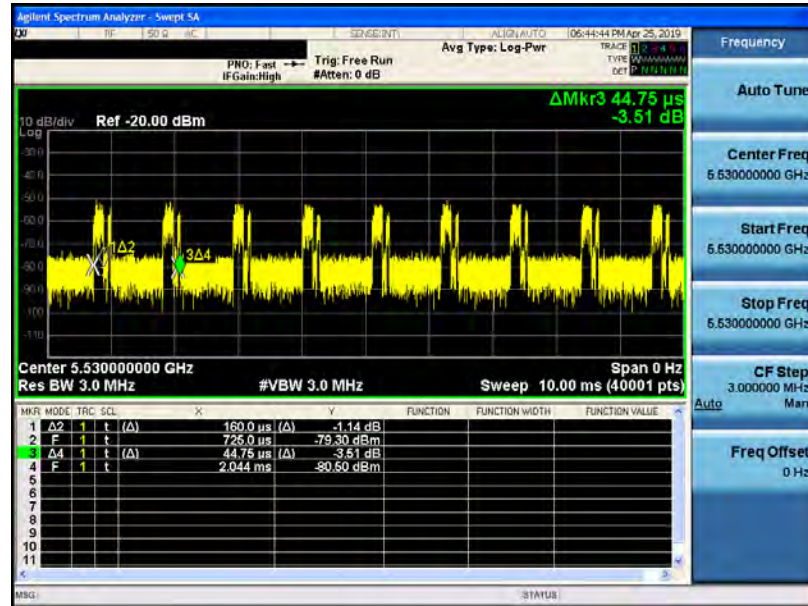


5.2. Channel Loading

■ Duty cycle $\geq 17\%$



Mode 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	3.625	174.900	178.525	174.900	114.900

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	3.625	119.100	115.475	0.575

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	3.625	173.500	169.875	54.975

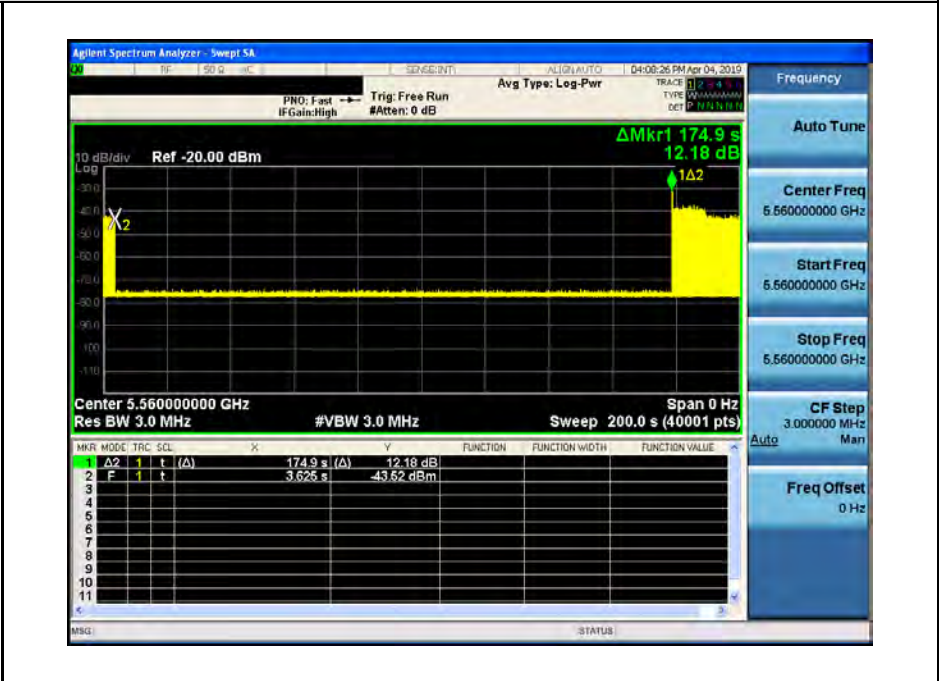


5.3.4. Qualitative Results

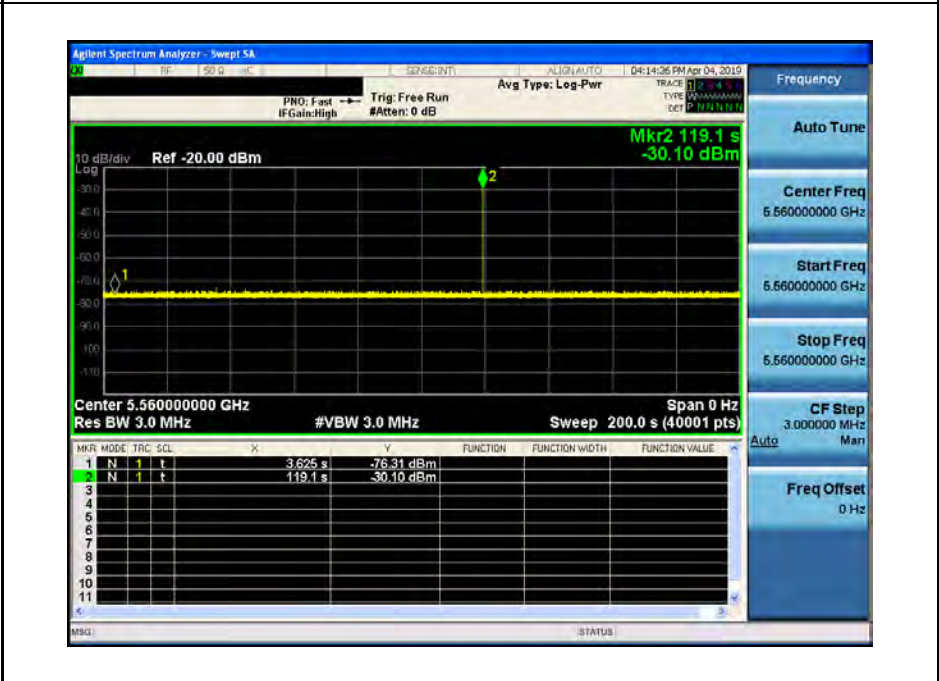
Timing of Radar Burst	Display on Control Computer	Spectrum Analyzer Display
No Radar Triggered	EUT marks Channel as active	Transmissions begin on channel after completion of the initial power-up cycle and the CAC
Within 0 to 6 second window	EUT indicates radar detected	No transmissions on channel
Within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

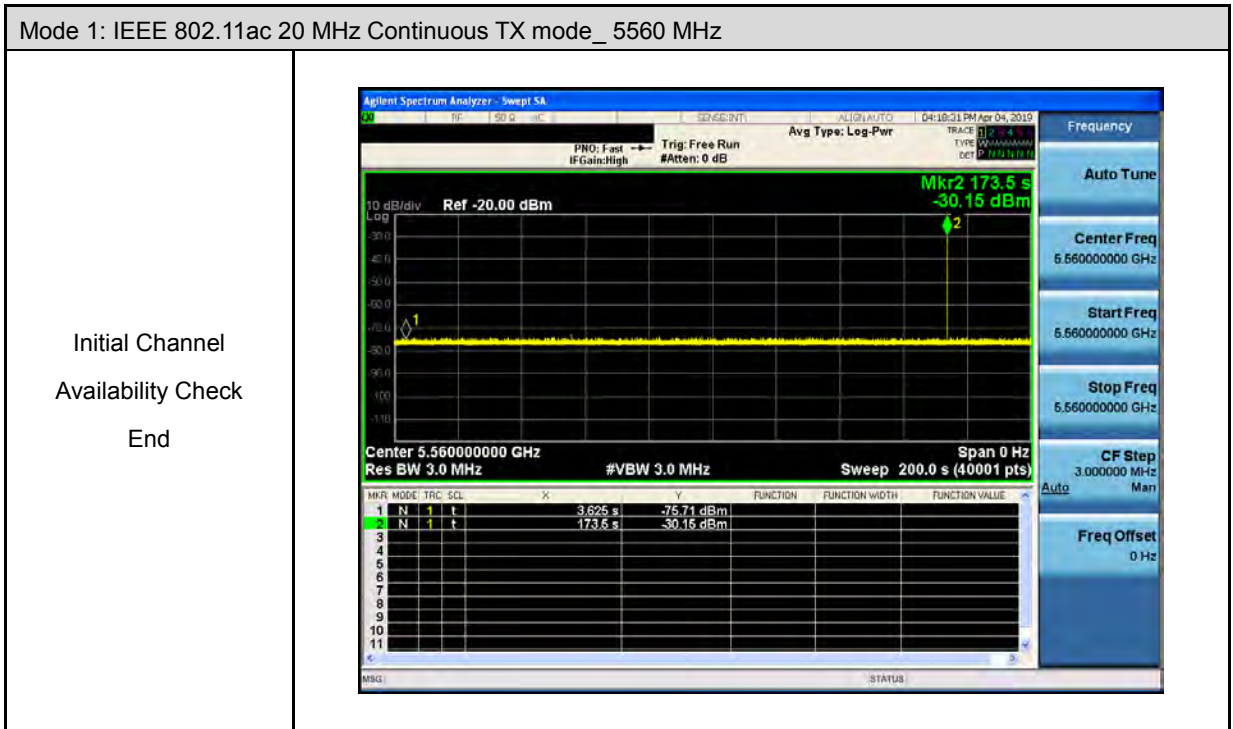
Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode_ 5560 MHz

Initial Channel
Availability Check



Initial Channel
Availability Check
Begin







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:

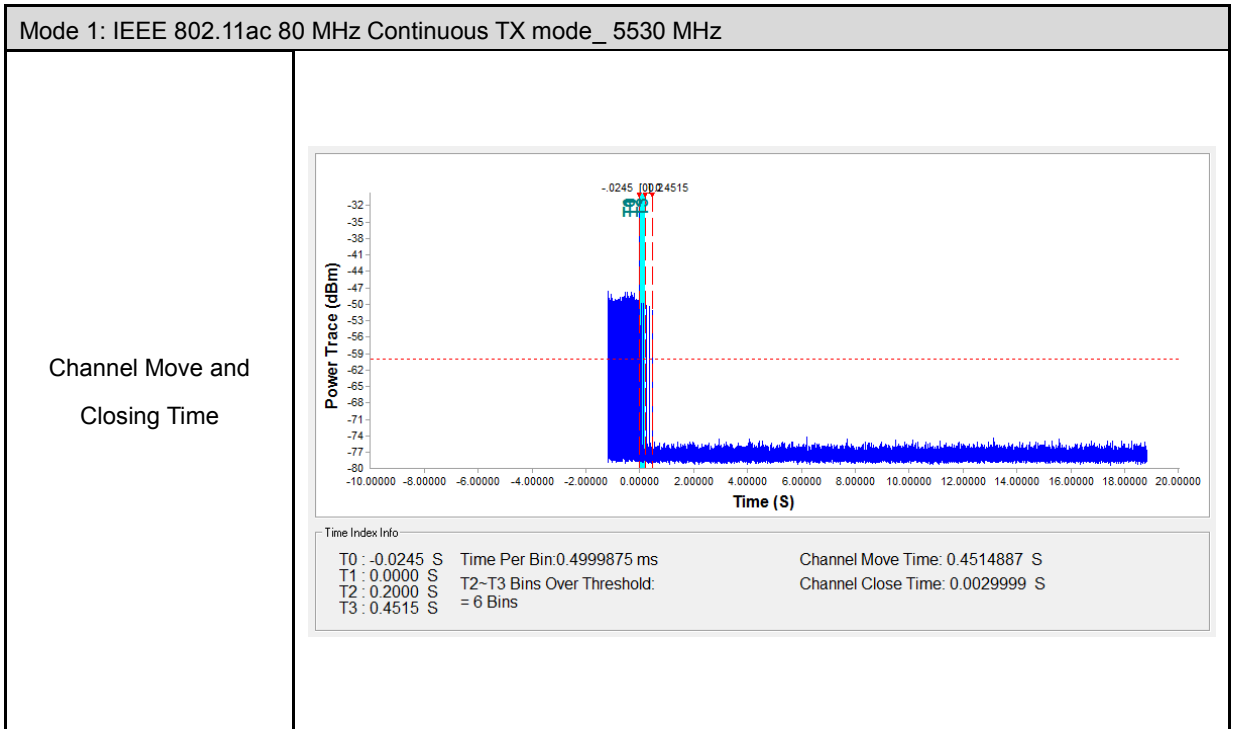
Aggregate Transmission Time = (Number of analyzer bins showing transmission) * (dwell time per bin)

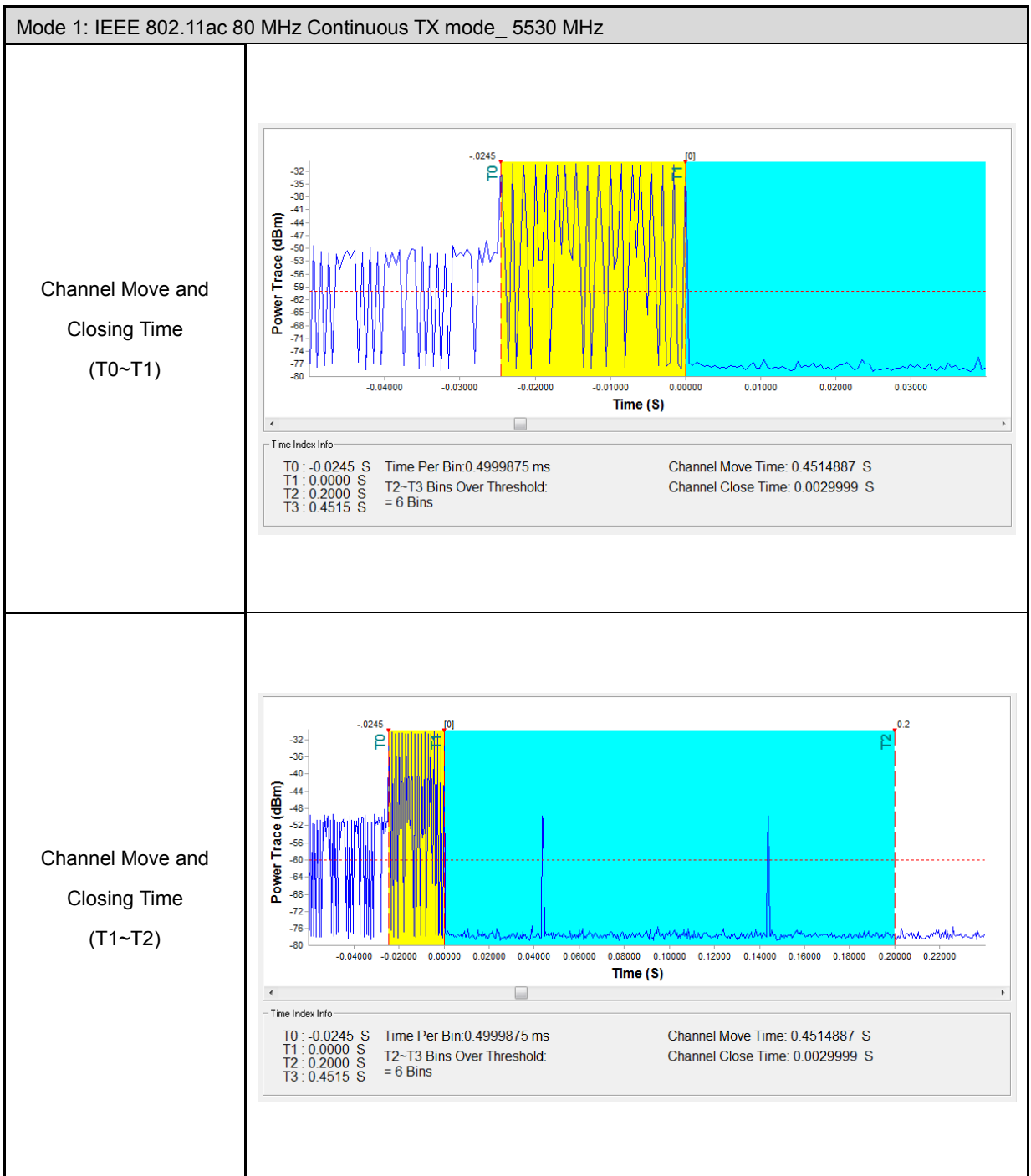
The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate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

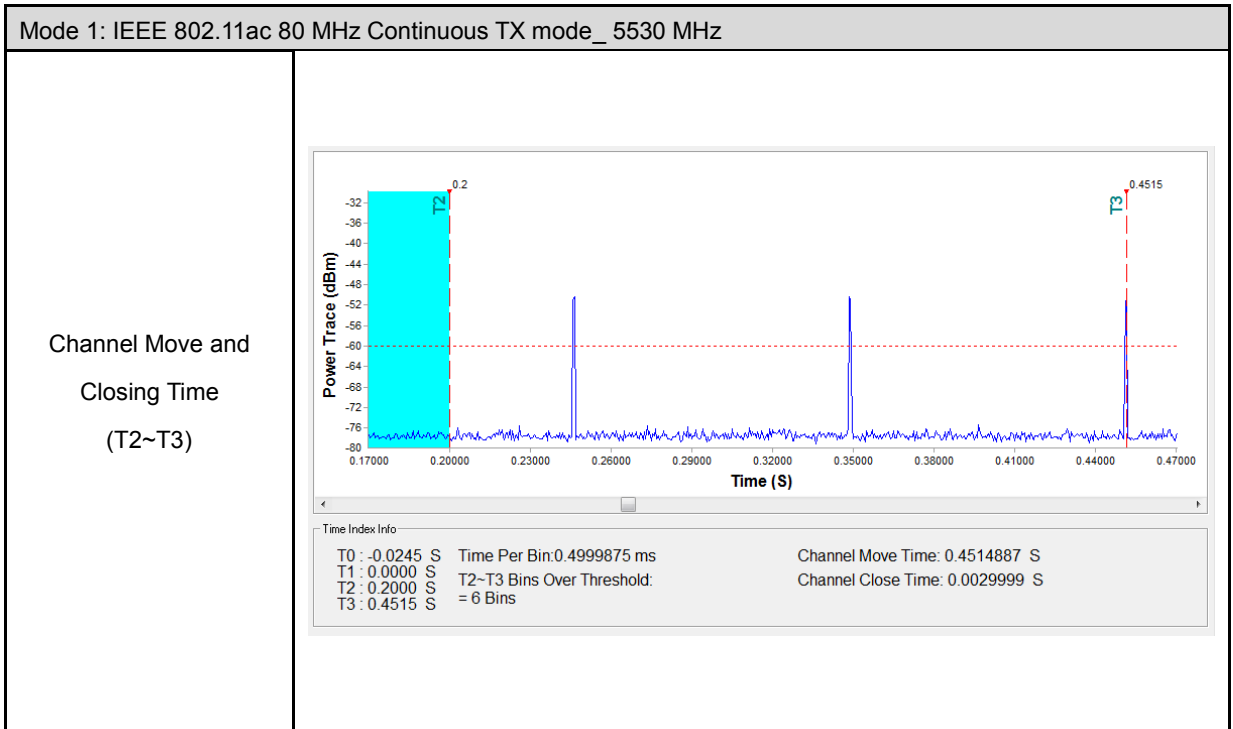
Results

Frequency (MHz)	Radar Type	Channel Move Time (msec)	Limit (sec)
5530	Type 0	451.4887	10

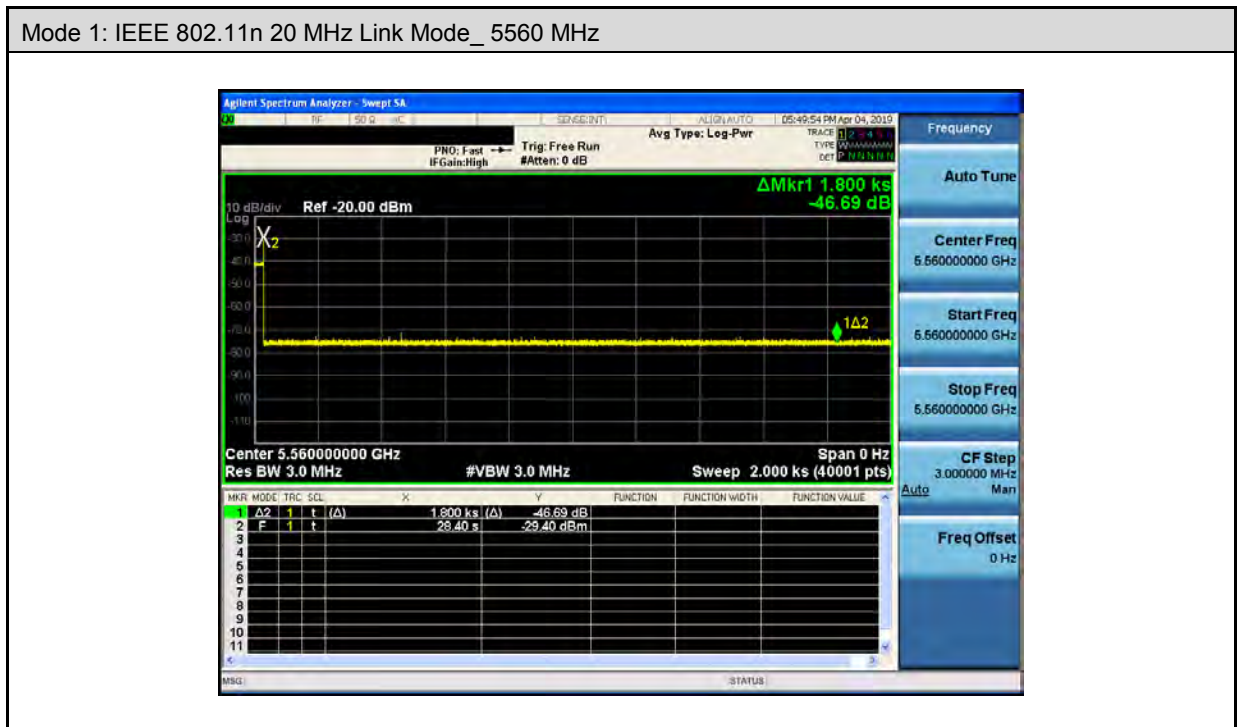
Frequency (MHz)	Radar Type	Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
5530	Type 0	2.9999	60







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

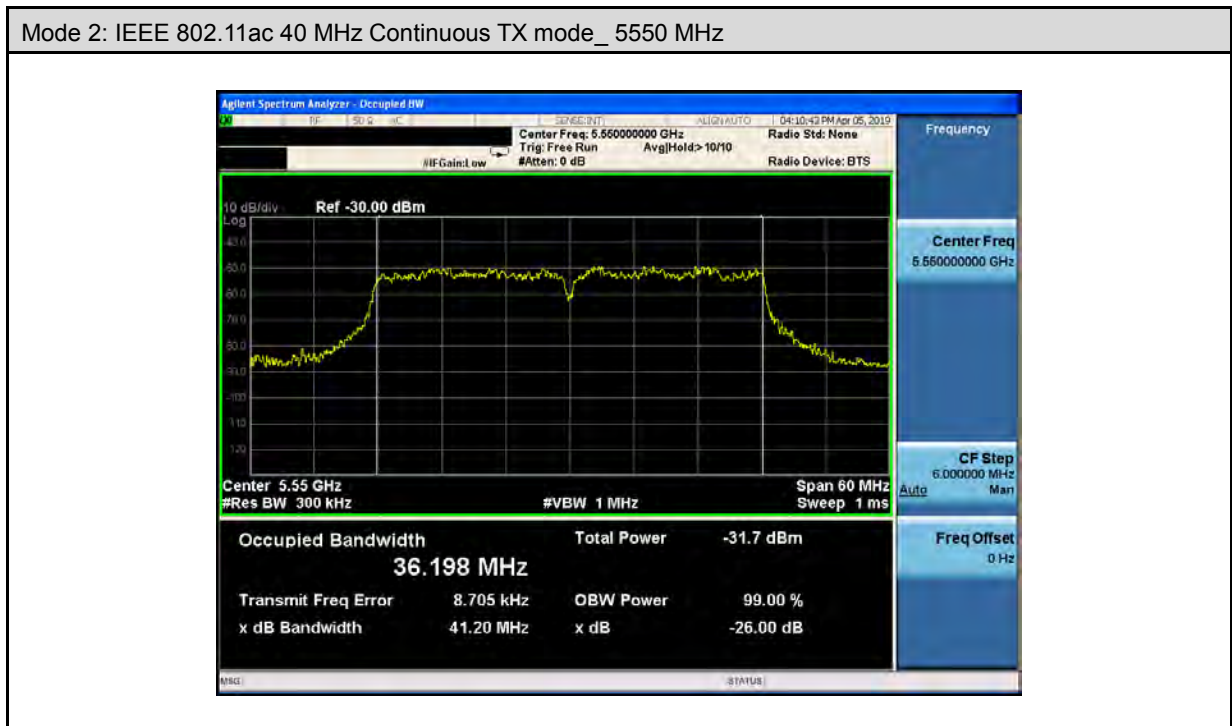
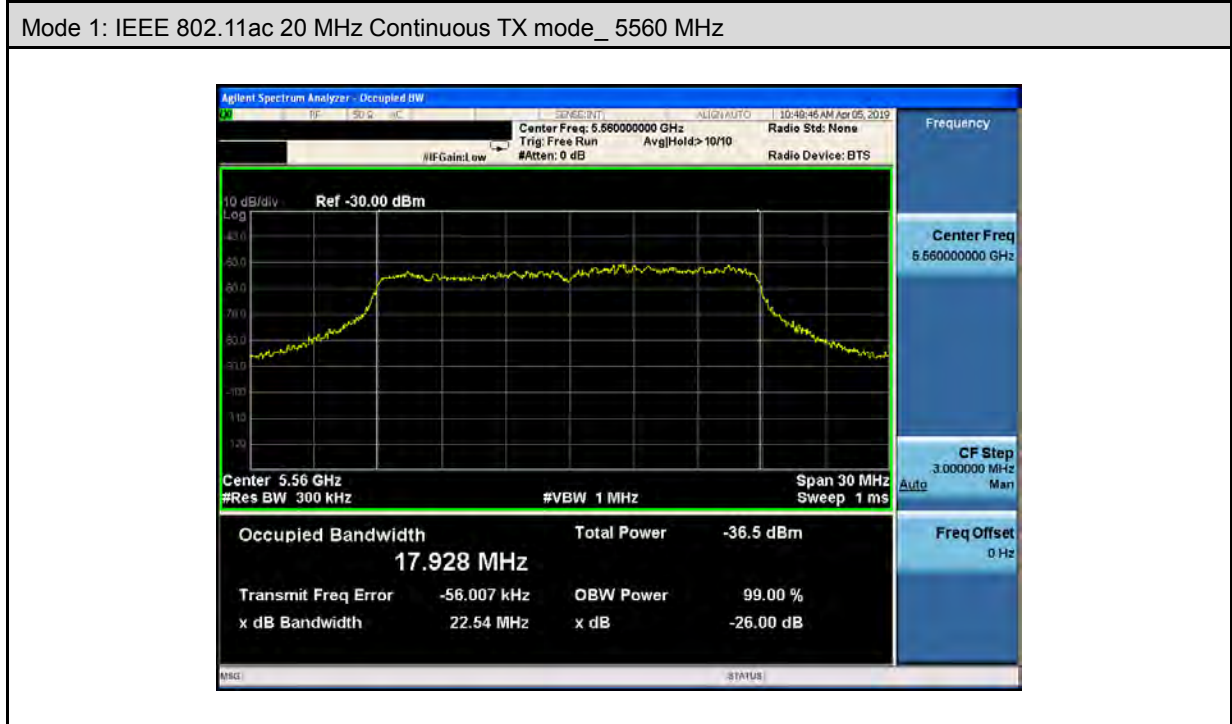
■ Test Results

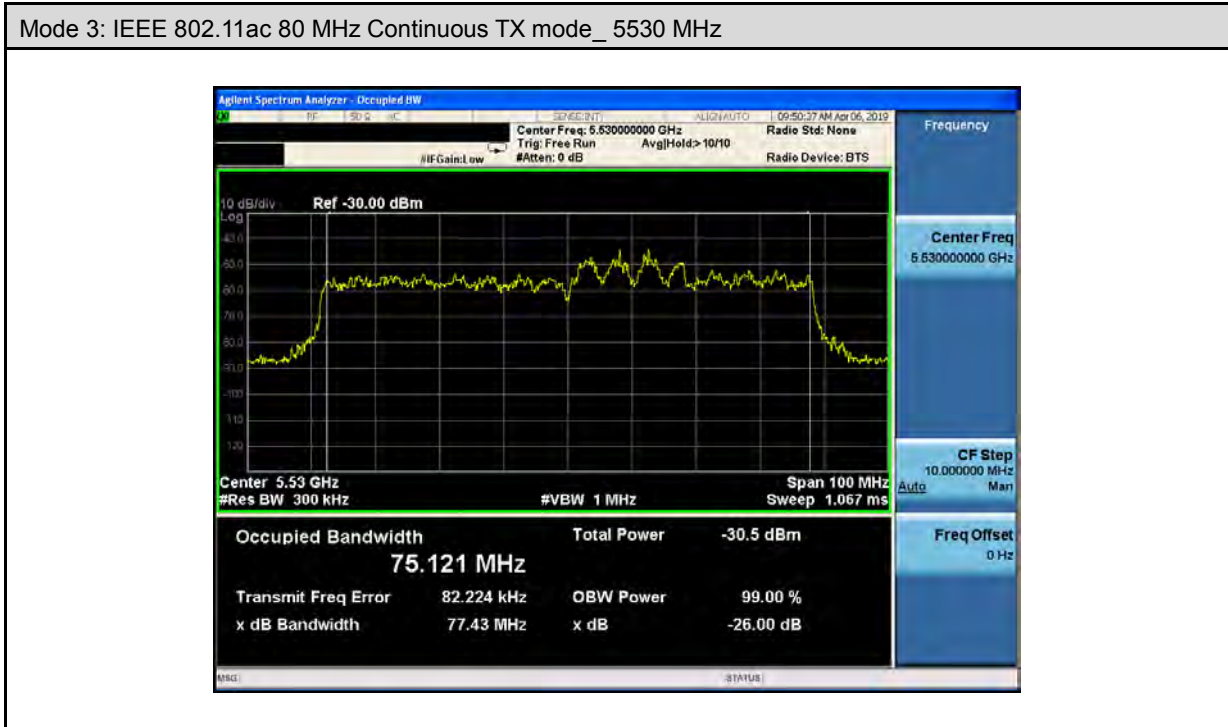
Test Mode		Mode 1: IEEE 802.11ac 20 MHz Continuous TX mode					
Frequency (MHz)	Radar Type	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99 % Power Bandwidth (MHz)	Ratio of Detection BW to 99 % Power BW (%)	Minimum Limit (%)
5560	Type 0	5550	5570	20	17.928	111.56	≥ 100

Test Mode		Mode 2: IEEE 802.11ac 40 MHz Continuous TX mode					
Frequency (MHz)	Radar Type	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99 % Power Bandwidth (MHz)	Ratio of Detection BW to 99 % Power BW (%)	Minimum Limit (%)
5550	Type 0	5530	5570	40	36.198	110.50	≥ 100

Test Mode		Mode 3: IEEE 802.11ac 80 MHz Continuous TX mode					
Frequency (MHz)	Radar Type	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99 % Power Bandwidth (MHz)	Ratio of Detection BW to 99 % Power BW (%)	Minimum Limit (%)
5530	Type 0	5490	5570	80	75.121	106.49	≥ 100

■ Test Graphs





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	24	6	80.00%	≥ 60%
	Type3	Random	Random	23	7	76.67%	≥ 60%
	Type4	Random	Random	23	7	76.67%	≥ 60%
	Type1~4					82.50%	≥ 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	28	2	93.33%	≥ 60%
	Type2	Random	Random	27	3	90.00%	≥ 60%
	Type3	Random	Random	29	1	96.67%	≥ 60%
	Type4	Random	Random	27	3	90.00%	≥ 60%
	Type1~4					92.50%	≥ 80%
	Type5	Random	Random	26	4	86.67%	≥ 80%
	Type6	Hopping	1	28	2	93.33%	≥ 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	23	7	76.67%	≥ 60%
	Type2	Random	Random	27	3	90.00%	≥ 60%
	Type3	Random	Random	28	2	93.33%	≥ 60%
	Type4	Random	Random	28	2	93.33%	≥ 60%
	Type1~4					88.33%	≥ 80%
	Type5	Random	Random	28	2	93.33%	≥ 80%
	Type6	Hopping	1	25	5	83.33%	≥ 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	698	76	1433	1
2	5560	1	818	65	1222	1
3	5560	1	658	81	1520	1
4	5560	1	598	89	1672	1
5	5560	1	538	99	1859	0
6	5560	1	938	57	1066	1
7	5560	1	838	63	1193	1
8	5560	1	638	83	1567	1
9	5560	1	738	72	1355	1
10	5560	1	718	74	1393	1
11	5560	1	718	74	1393	1
12	5560	1	878	61	1139	1
13	5560	1	898	59	1114	1
14	5560	1	738	72	1355	1
15	5560	1	918	58	1089	1
16	5560	1	1818	30	550	1
17	5560	1	1231	43	812	1
18	5560	1	520	102	1923	1
19	5560	1	2336	23	428	1
20	5560	1	1954	28	512	1
21	5560	1	2138	25	468	1
22	5560	1	2651	20	377	1
23	5560	1	1302	41	768	1
24	5560	1	792	67	1263	1
25	5560	1	2784	19	359	1
26	5560	1	2482	22	403	1
27	5560	1	2180	25	459	1
28	5560	1	1889	28	529	1
29	5560	1	945	56	1058	1
30	5560	1	817	65	1224	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	3.80	185.00	27	5405	1
2	5560	2.10	186.40	23	5365	1
3	5560	4.20	206.40	29	4845	1
4	5560	2.80	199.00	27	5025	1
5	5560	3.00	226.20	25	4421	1
6	5560	3.80	217.90	29	4589	1
7	5560	2.90	168.20	25	5945	1
8	5560	1.90	225.60	26	4433	1
9	5560	1.80	201.90	29	4953	0
10	5560	2.90	167.30	28	5977	1
11	5560	4.50	174.80	28	5721	1
12	5560	2.80	225.90	29	4427	1
13	5560	4.80	212.60	25	4704	0
14	5560	1.30	190.00	24	5263	1
15	5560	1.60	213.20	25	4690	0
16	5560	3.50	162.10	25	6169	1
17	5560	1.30	185.00	29	5405	0
18	5560	1.00	150.50	27	6645	0
19	5560	1.70	175.10	25	5711	0
20	5560	1.80	200.80	24	4980	1
21	5560	1.30	196.00	25	5102	1
22	5560	1.20	159.20	26	6281	1
23	5560	1.10	173.30	24	5770	1
24	5560	5.00	228.80	27	4371	1
25	5560	1.10	154.60	26	6468	1
26	5560	1.00	160.80	27	6219	1
27	5560	1.90	224.50	28	4454	1
28	5560	4.10	159.90	25	6254	1
29	5560	4.60	151.50	29	6601	1
30	5560	2.10	210.60	28	4748	1
Detection Percentage (%)						80.00



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	9.50	355.30	17	2814.52	0
2	5560	6.10	280.00	18	3571.43	1
3	5560	8.00	384.80	16	2598.75	1
4	5560	9.60	460.70	16	2170.61	1
5	5560	6.00	282.80	17	3536.07	0
6	5560	9.80	420.30	17	2379.25	1
7	5560	6.20	243.10	18	4113.53	1
8	5560	9.30	210.30	16	4755.11	1
9	5560	9.80	220.80	16	4528.99	1
10	5560	8.70	414.20	17	2414.29	0
11	5560	7.10	201.60	17	4960.32	0
12	5560	8.60	353.10	18	2832.06	1
13	5560	9.50	401.00	16	2493.77	1
14	5560	7.80	291.00	16	3436.43	1
15	5560	8.20	220.20	17	4541.33	1
16	5560	9.70	219.40	16	4557.89	1
17	5560	8.00	471.00	16	2123.14	1
18	5560	8.90	482.00	16	2074.69	0
19	5560	7.30	209.30	18	4777.83	1
20	5560	6.20	382.70	16	2613.01	1
21	5560	9.90	398.40	17	2510.04	1
22	5560	8.90	333.50	16	2998.50	1
23	5560	7.00	454.40	18	2200.70	1
24	5560	6.80	362.50	18	2758.62	1
25	5560	6.00	231.20	17	4325.26	0
26	5560	8.10	369.20	16	2708.56	1
27	5560	6.50	393.20	16	2543.23	0
28	5560	9.30	390.50	17	2560.82	1
29	5560	8.70	476.20	18	2099.96	1
30	5560	6.50	269.40	17	3711.95	1
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	12.30	228.10	12	4384	1
2	5560	11.50	440.70	16	2269	0
3	5560	16.70	336.30	16	2974	1
4	5560	15.90	318.00	12	3145	1
5	5560	13.10	473.10	12	2114	1
6	5560	17.80	316.70	13	3158	1
7	5560	11.30	260.00	16	3846	1
8	5560	13.20	210.50	15	4751	1
9	5560	12.30	446.70	14	2239	1
10	5560	14.50	314.40	16	3181	1
11	5560	14.60	461.70	12	2166	1
12	5560	18.00	338.80	16	2952	1
13	5560	17.00	214.10	15	4671	1
14	5560	19.80	307.10	15	3256	0
15	5560	13.00	391.60	13	2554	1
16	5560	17.30	446.40	13	2240	0
17	5560	14.30	410.30	14	2437	1
18	5560	11.60	362.40	16	2759	1
19	5560	19.20	212.50	14	4706	1
20	5560	13.10	261.70	12	3821	1
21	5560	12.60	363.90	14	2748	1
22	5560	15.90	303.00	16	3300	0
23	5560	12.50	350.60	12	2852	1
24	5560	18.90	370.50	15	2699	0
25	5560	15.00	279.60	13	3577	1
26	5560	12.10	499.50	15	2002	1
27	5560	14.90	359.60	15	2781	0
28	5560	16.20	380.40	16	2629	0
29	5560	16.20	464.30	15	2154	1
30	5560	19.30	413.30	15	2420	1
Detection Percentage (%)						76.67



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	5554	1	54.3	8	1636.8	1	1
	5559	2	98.0	19	1475.4	3	
	5558	3	67.9	18	1866.2	2	
	5555	4	73.4	11	1806.7	3	
	5557	5	87.8	14	1392.8	1	
	5559	6	89.3	20	1479.4	1	
	5557	7	68.6	14	1242.9	1	
	5556	8	57.4	12	1859.9	1	
	5555	9	89.1	11	1947.4	2	
	5558	10	82.7	18	1300.0	1	
	5558	11	97.8	17	1415.8	2	
2	5556	1	95.2	13	1141.7	2	1
	5557	2	88.1	14	1929.6	2	
	5556	3	79.0	13	1219.7	1	
	5555	4	86.6	10	1340.8	3	
	5556	5	85.5	13	1872.6	3	
	5556	6	83.9	13	1235.5	3	
	5557	7	68.8	16	1811.4	2	
	5555	8	76.8	11	1029.7	2	
	5555	9	73.4	10	1563.7	1	
	5558	10	56.8	17	1922.6	1	
	5554	11	90.1	8	1293.1	3	
	5553	12	80.1	5	1251.8	2	
3	5555	1	61.6	10	1675.0	1	1
	5555	2	70.2	11	1026.5	2	
	5555	3	90.3	9	1557.8	2	
	5557	4	77.3	14	1526.7	1	
	5554	5	84.8	8	1009.5	1	
	5557	6	55.2	15	1711.4	1	
	5555	7	64.4	9	1377.3	2	
	5556	8	78.1	12	1691.1	1	
	5557	9	66.7	16	1970.5	3	
	5554	10	71.6	7	1298.5	1	
	5555	11	56.0	11	1042.3	1	
	5553	12	90.5	6	1413.9	1	
	5558	13	65.2	18	1673.6	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
4	5555	1	57.2	10	1233.7	2	1
	5559	2	70.2	19	1647.6	3	
	5553	3	78.1	6	1573.8	2	
	5559	4	75.6	20	1962.9	1	
	5555	5	72.7	11	1289.9	2	
	5557	6	64.0	16	1097.9	3	
	5557	7	92.9	14	1220.5	3	
	5556	8	79.6	12	1211.1	3	
	5555	9	82.9	10	1227.3	2	
5	5554	1	57.6	8	1064.3	1	1
	5553	2	88.0	6	1929.7	2	
	5555	3	55.3	11	1346.8	2	
	5553	4	66.8	6	1843.9	1	
	5555	5	87.3	11	1581.4	2	
	5558	6	63.3	17	1398.8	1	
	5553	7	76.5	5	1604.2	3	
	5555	8	86.7	9	1004.9	2	
	5556	9	86.1	12	1714.1	3	
	5557	10	57.2	15	1052.4	3	
	5559	11	83.1	20	1388.0	1	
	5554	12	90.8	7	1470.1	2	
	5555	13	89.2	10	1676.1	1	
	5556	14	83.6	13	1335.5	2	
	5554	15	99.5	8	1930.0	1	
6	5559	1	92.0	19	1299.0	2	1
	5555	2	91.5	10	1295.9	2	
	5555	3	54.0	9	1186.1	2	
	5555	4	92.8	10	1874.8	3	
	5555	5	85.4	10	1503.1	3	
	5556	6	78.9	13	1845.9	2	
	5557	7	65.8	15	1307.9	2	
	5558	8	79.1	17	1293.4	2	
	5553	9	89.5	5	1565.5	3	
	5559	10	75.3	19	1248.1	3	
	5557	11	77.0	16	1392.9	3	
	5555	12	60.2	9	1283.8	2	
	5554	13	96.8	8	1232.4	1	
	5556	14	90.2	13	1562.9	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	74.2	6	1643.5	2	1
	5555	2	57.0	10	1334.6	3	
	5559	3	72.3	19	1986.2	3	
	5553	4	81.6	5	1360.8	2	
	5556	5	76.8	13	1633.9	1	
	5556	6	69.6	13	1896.3	3	
	5559	7	84.9	20	1609.8	3	
	5556	8	73.7	12	1774.0	1	
	5554	9	68.6	7	1133.4	2	
	5556	10	53.2	12	1998.7	1	
	5557	11	94.0	16	1630.0	1	
	5556	12	67.2	12	1427.6	3	
	5558	13	65.0	17	1926.5	2	
	5556	14	98.4	13	1633.3	1	
	5554	15	66.9	7	1954.0	3	
	5558	16	97.5	18	1999.4	3	
	5557	17	83.3	14	1356.8	1	
8	5553	1	68.8	6	1035.0	2	1
	5557	2	79.1	16	1077.4	2	
	5558	3	81.0	17	1145.1	3	
	5553	4	55.7	5	1618.7	3	
	5558	5	71.7	18	1743.5	2	
	5555	6	52.7	9	1522.6	3	
	5553	7	67.9	6	1816.1	2	
	5557	8	67.2	14	1006.6	3	
	5554	9	61.5	7	1558.7	3	
	5558	10	50.6	18	1367.8	1	
	5554	11	55.5	8	1888.6	3	
	5555	12	96.0	11	1184.1	2	
	5555	13	65.7	11	1969.7	1	
	5554	14	75.7	7	1665.9	2	
	5557	15	86.2	15	1895.3	3	
	5559	16	62.8	19	1390.3	1	
	5556	17	55.3	13	1602.9	2	
	5555	18	97.4	10	1833.6	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
9	5556	1	99.1	13	1381.1	1	1
	5557	2	96.7	15	1638.0	3	
	5555	3	75.4	11	1097.5	1	
	5559	4	89.5	20	1478.0	1	
	5559	5	85.5	19	1144.3	3	
	5557	6	95.3	16	1192.9	1	
	5558	7	53.7	18	1057.6	2	
	5559	8	54.5	19	1074.7	3	
	5555	9	80.1	10	1136.2	1	
	5558	10	95.1	17	1016.3	2	
	5559	11	50.2	19	1164.9	2	
	5555	12	66.0	9	1232.5	1	
	5554	13	67.8	7	1557.8	2	
	5556	14	80.7	13	1541.3	2	
	5556	15	65.5	12	1865.1	2	
	5554	16	57.6	8	1193.3	3	
	5557	17	60.6	14	1466.5	1	
	5559	18	52.3	19	1144.3	3	
	5557	19	85.7	16	1601.2	1	
10	5558	1	50.9	18	1678.3	2	1
	5558	2	71.6	17	1732.3	2	
	5558	3	85.6	17	1950.7	3	
	5559	4	99.1	19	1046.5	3	
	5557	5	73.8	16	1454.8	1	
	5557	6	96.5	16	1188.9	1	
	5556	7	91.9	13	1793.0	1	
	5557	8	80.2	14	1810.8	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
11	5560	1	93.0	19	1056.9	3	1
	5560	2	88.4	12	1424.3	3	
	5560	3	68.1	19	1334.3	2	
	5560	4	94.5	7	1646.5	3	
	5560	5	80.9	5	1638.3	3	
	5560	6	70.9	18	1065.4	1	
	5560	7	61.6	18	1710.6	2	
	5560	8	77.0	14	1904.4	1	
	5560	9	57.4	8	1523.3	1	
	5560	10	65.3	13	1328.7	2	
	5560	11	65.7	18	1195.4	2	
	5560	12	55.4	13	1819.2	3	
	5560	13	85.2	9	1236.5	3	
	5560	14	56.4	18	1128.3	3	
	5560	15	74.9	17	1640.9	1	
	5560	16	56.9	10	1415.5	3	
12	5560	1	52.6	6	1006.6	2	1
	5560	2	60.5	10	1235.6	3	
	5560	3	77.7	10	1907.9	2	
	5560	4	97.5	20	1488.4	3	
	5560	5	80.7	9	1581.5	2	
	5560	6	51.1	9	1548.4	3	
	5560	7	90.1	19	1255.8	3	
	5560	8	83.7	5	1962.6	1	
	5560	9	69.5	5	1100.8	2	
	5560	10	88.7	6	1504.8	1	
	5560	11	85.1	20	1652.4	2	
	5560	12	69.6	8	1089.8	1	
	5560	13	79.6	12	1562.0	1	
	5560	14	64.1	20	1854.6	2	
	5560	15	64.0	7	1828.2	1	
	5560	16	58.3	12	1818.9	2	
	5560	17	87.6	19	1162.1	2	
	5560	18	65.2	6	1929.1	3	
	5560	19	57.0	10	1981.4	2	
	5560	20	96.2	7	1769.4	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
13	5560	1	85.0	5	1138.8	1	0
	5560	2	81.1	20	1961.8	3	
	5560	3	99.2	8	1621.5	2	
	5560	4	50.2	5	1344.7	2	
	5560	5	79.0	9	1944.7	2	
	5560	6	96.0	8	1371.8	1	
	5560	7	88.4	19	1446.7	1	
	5560	8	53.3	20	1809.9	3	
	5560	9	100.0	14	1005.8	3	
	5560	10	61.9	15	1914.1	2	
14	5560	1	65.2	12	1711.8	1	1
	5560	2	78.0	15	1678.9	3	
	5560	3	88.4	8	1370.0	2	
	5560	4	60.2	18	1151.3	2	
	5560	5	75.0	9	1573.4	2	
	5560	6	87.6	16	1953.4	3	
	5560	7	64.7	18	1734.3	3	
	5560	8	59.1	13	1913.7	1	
	5560	9	78.0	19	1590.6	2	
	5560	10	59.8	18	1699.1	2	
	5560	11	89.6	12	1176.5	3	
	5560	12	60.5	14	1522.9	3	
	5560	13	51.2	15	1087.5	2	
	5560	14	92.9	6	1231.0	1	
	5560	15	89.2	14	1436.0	1	
	5560	16	97.8	17	1137.9	1	
	5560	17	99.6	7	1682.8	2	
	5560	18	85.2	16	1797.3	3	
	5560	19	86.7	16	1162.4	3	
	5560	20	80.3	17	1688.6	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
15	5560	1	92.5	8	1851.5	1	1
	5560	2	74.3	11	1386.0	3	
	5560	3	68.0	7	1265.8	1	
	5560	4	89.3	18	1201.4	2	
	5560	5	68.7	17	1956.5	1	
	5560	6	61.2	16	1274.4	3	
	5560	7	66.8	10	1308.1	1	
	5560	8	95.1	20	1087.6	2	
	5560	9	59.4	18	1784.0	3	
	5560	10	50.5	17	1513.4	3	
	5560	11	71.6	12	1762.0	2	
	5560	12	62.3	6	1653.0	2	
	5560	13	81.8	5	1036.8	3	
	5560	14	63.7	12	1960.7	1	
	5560	15	93.9	13	1596.3	2	
	5560	16	96.8	7	1856.0	3	
	5560	17	91.7	14	1740.2	3	
	5560	18	85.6	15	1587.6	3	
	5560	19	59.0	8	1894.6	2	
16	5560	1	96.9	5	1169.8	2	1
	5560	2	77.0	15	1640.3	2	
	5560	3	89.8	15	1705.2	2	
	5560	4	51.3	12	1345.2	1	
	5560	5	71.3	7	1391.0	3	
	5560	6	99.7	10	1944.1	3	
	5560	7	62.2	5	1084.0	3	
	5560	8	76.2	18	1433.1	2	
	5560	9	85.8	11	1434.6	3	
	5560	10	60.1	16	1598.4	3	
	5560	11	91.3	11	1425.2	3	
	5560	12	75.4	17	1922.9	1	
	5560	13	69.1	18	1284.7	1	
	5560	14	70.8	15	1931.4	3	
	5560	15	64.2	14	1859.1	3	
	5560	16	98.4	11	1490.2	3	
	5560	17	96.1	10	1227.9	1	
	5560	18	65.9	17	1092.7	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
17	5560	1	93.6	6	1937.5	1	1
	5560	2	98.5	18	1108.1	3	
	5560	3	96.1	14	1285.9	2	
	5560	4	91.3	10	1168.0	1	
	5560	5	52.9	14	1985.3	3	
	5560	6	96.3	15	1277.4	1	
	5560	7	55.2	9	1515.5	3	
	5560	8	75.1	6	1961.6	3	
	5560	9	91.0	7	1898.5	3	
	5560	10	94.2	15	1948.3	2	
	5560	11	83.8	12	1389.4	1	
	5560	12	64.6	18	1823.6	2	
	5560	13	65.3	6	1634.1	3	
	5560	14	55.1	19	1319.7	1	
	5560	15	66.7	17	1321.2	3	
	5560	16	52.7	9	1917.6	3	
	5560	17	65.9	19	1753.9	2	
18	5560	1	59.5	11	1738.3	2	1
	5560	2	99.4	11	1261.6	2	
	5560	3	52.6	6	1489.6	2	
	5560	4	50.1	14	1343.3	3	
	5560	5	51.1	8	1271.5	2	
	5560	6	74.1	9	1025.8	1	
	5560	7	65.3	10	1449.9	1	
	5560	8	57.2	18	1501.3	2	
	5560	9	51.0	14	1922.2	2	
	5560	10	75.7	9	1123.3	3	
	5560	11	74.6	13	1080.2	1	
	5560	12	59.4	13	1356.0	3	
	5560	13	50.2	9	1979.8	2	
	5560	14	83.1	19	1319.2	3	
	5560	15	65.2	18	1096.7	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
19	5560	1	90.6	16	1097.4	2	0
	5560	2	58.3	19	1300.7	1	
	5560	3	69.8	10	1317.9	3	
	5560	4	59.1	14	1693.7	2	
	5560	5	91.6	6	1659.0	1	
	5560	6	58.1	15	1128.8	3	
	5560	7	69.1	12	1100.0	2	
	5560	8	87.8	5	1333.0	2	
	5560	9	84.7	15	1947.0	1	
	5560	10	89.5	10	1244.5	1	
	5560	11	87.9	10	1865.5	3	
	5560	12	72.9	14	1076.9	1	
	5560	13	95.8	19	1655.3	2	
	5560	14	51.8	7	1172.2	2	
20	5560	1	56.3	7	1232.5	3	1
	5560	2	88.1	11	1287.2	3	
	5560	3	92.0	10	1526.2	3	
	5560	4	64.2	19	1145.2	2	
	5560	5	54.8	13	1300.3	3	
	5560	6	67.2	14	1409.5	3	
	5560	7	71.6	13	1038.9	3	
	5560	8	57.6	6	1965.8	3	
	5560	9	71.9	20	1692.9	1	
	5560	10	80.2	10	1105.0	2	
21	5562	1	72.9	17	1244.9	2	1
	5564	2	71.3	12	1261.1	3	
	5565	3	67.6	11	1056.0	2	
	5563	4	56.5	15	1641.5	2	
	5567	5	72.6	5	1578.9	1	
	5565	6	63.1	10	1208.5	3	
	5565	7	74.5	11	1922.7	3	
	5566	8	74.1	7	1069.8	2	
	5563	9	62.8	16	1656.2	3	
	5561	10	83.9	19	1679.8	2	
	5561	11	58.6	19	1564.1	3	
	5567	12	76.8	6	1943.7	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
22	5562	1	91.2	17	1949.1	1	1
	5565	2	92.4	11	1561.2	3	
	5566	3	51.0	7	1396.2	3	
	5565	4	51.9	11	1500.8	2	
	5566	5	81.3	7	1943.7	3	
	5567	6	97.2	6	1889.4	1	
	5562	7	63.9	17	1860.1	2	
	5566	8	56.1	8	1954.1	2	
	5562	9	86.0	17	1468.0	2	
23	5566	1	99.1	7	1490.4	3	1
	5564	2	95.6	12	1597.8	2	
	5565	3	88.3	10	1421.9	2	
	5564	4	65.5	13	1620.2	1	
	5564	5	96.3	13	1476.8	2	
	5565	6	86.8	11	1182.4	3	
	5561	7	74.4	19	1353.0	1	
	5565	8	55.3	10	1166.5	2	
	5563	9	85.5	15	1093.8	1	
	5563	10	62.8	16	1891.6	2	
	5563	11	89.9	15	1373.4	3	
	5564	12	77.5	12	1449.7	2	
	5566	13	54.2	8	1741.6	3	
	5563	14	95.3	16	1239.0	2	
	5564	15	55.8	13	1420.4	1	
24	5565	1	53.1	9	1220.9	2	1
	5561	2	63.1	19	1048.2	3	
	5563	3	75.4	16	1029.3	3	
	5561	4	96.9	19	1544.4	2	
	5562	5	96.8	18	1042.0	2	
	5562	6	99.0	18	1702.1	2	
	5563	7	88.7	15	1844.7	3	
	5565	8	70.4	10	1446.1	3	
	5566	9	80.8	7	1123.1	2	
	5566	10	61.8	7	1789.1	2	
	5565	11	68.5	10	1312.0	2	
	5562	12	82.5	18	1949.5	2	
	5561	13	96.3	20	1387.9	1	
	5565	14	58.3	11	1361.0	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
25	5561	1	75.5	19	1186.5	1	1
	5562	2	76.7	17	1850.0	3	
	5563	3	76.9	16	1453.8	2	
	5565	4	72.6	11	1427.2	2	
	5562	5	85.6	17	1238.7	3	
	5565	6	60.7	10	1662.4	2	
	5563	7	82.3	16	1988.3	2	
	5562	8	93.7	17	1194.6	1	
	5562	9	78.4	18	1638.5	2	
	5565	10	50.6	10	1880.2	1	
	5566	11	84.6	7	1003.9	3	
	5567	12	79.1	6	1370.2	1	
	5565	13	86.5	9	1704.8	1	
	5567	14	95.3	5	1035.8	3	
	5564	15	83.4	13	1796.4	2	
	5563	16	80.0	16	1705.5	1	
	5565	17	61.6	11	1884.6	3	
	5563	18	82.8	14	1768.7	1	
26	5565	1	90.3	11	1852.3	2	1
	5564	2	76.8	13	1567.0	3	
	5562	3	89.6	17	1054.5	3	
	5564	4	53.7	12	1990.6	3	
	5565	5	92.4	10	1358.9	1	
	5563	6	95.9	15	1396.6	2	
	5566	7	71.1	7	1657.2	3	
	5562	8	94.8	17	1027.1	3	
	5564	9	97.5	13	1758.5	1	
	5561	10	67.5	19	1323.2	3	
	5562	11	73.1	18	1247.1	3	
	5563	12	61.5	15	1429.4	3	
	5567	13	70.0	5	1029.3	1	
	5562	14	58.7	18	1244.8	2	
	5561	15	83.9	19	1469.9	1	
	5567	16	96.5	6	1668.6	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
27	5561	1	62.7	20	1801.3	3	1
	5566	2	90.2	8	1658.3	2	
	5565	3	86.2	9	1337.2	3	
	5567	4	65.0	5	1309.8	2	
	5567	5	66.1	5	1763.9	3	
	5567	6	65.0	6	1501.7	3	
	5563	7	77.1	16	1064.4	2	
	5562	8	82.6	17	1532.8	1	
	5561	9	62.8	19	1703.6	3	
	5564	10	51.3	12	1878.9	1	
	5563	11	92.7	14	1264.7	2	
	5564	12	54.5	12	1672.3	3	
	5563	13	51.8	16	1362.0	2	
	5563	14	98.5	15	1876.5	1	
	5562	15	52.9	18	1730.3	2	
	5563	16	87.1	16	1653.5	2	
	5565	17	95.4	9	1995.1	2	
	5562	18	54.1	18	1753.0	2	
	5563	19	56.3	16	1036.6	2	
	5567	20	78.4	6	1998.0	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
28	5563	1	60.1	14	1478.3	3	1
	5567	2	52.9	6	1383.4	2	
	5562	3	85.8	18	1614.3	3	
	5562	4	59.7	18	1862.8	1	
	5565	5	66.8	10	1088.3	2	
	5566	6	51.1	7	1114.4	1	
	5567	7	83.0	5	1560.2	3	
	5564	8	77.3	13	1500.7	2	
	5562	9	53.5	17	1510.6	1	
	5562	10	55.2	17	1500.8	1	
	5563	11	93.1	15	1217.3	1	
	5563	12	85.2	16	1012.2	2	
	5564	13	76.4	12	1232.9	3	
	5561	14	63.7	19	1135.9	3	
	5562	15	88.0	18	1677.2	1	
	5563	16	56.2	16	1402.4	1	
	5567	17	68.6	6	1347.3	2	
	5565	18	77.9	11	1392.5	2	
	5563	19	76.5	14	1058.2	3	
	5561	20	99.0	19	1587.6	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
29	5565	1	78.7	9	1286.4	2	1
	5563	2	89.2	16	1650.7	2	
	5563	3	56.8	15	1630.5	3	
	5564	4	94.7	13	1449.3	2	
	5565	5	65.6	9	1501.1	2	
	5563	6	57.4	15	1125.1	2	
	5563	7	72.0	15	1801.1	1	
	5561	8	92.5	19	1686.3	2	
	5563	9	97.7	16	1589.5	2	
	5563	10	53.6	15	1026.6	3	
	5563	11	85.7	16	1878.8	1	
	5563	12	72.9	16	1743.0	2	
	5561	13	55.2	20	1066.2	2	
	5562	14	65.2	17	1683.8	2	
	5566	15	50.9	7	1897.5	2	
	5564	16	52.7	13	1650.6	1	
	5561	17	100.0	19	1589.5	2	
30	5563	1	64.4	14	1269.5	1	1
	5561	2	53.8	19	1188.2	3	
	5567	3	73.7	5	1275.6	3	
	5563	4	62.9	14	1196.9	2	
	5562	5	65.3	18	1611.0	3	
	5566	6	89.0	8	1444.7	1	
	5564	7	79.3	13	1201.8	3	
	5562	8	86.9	17	1676.8	2	
	5563	9	57.1	14	1825.6	1	
	5563	10	74.9	16	1523.8	1	
	5564	11	64.3	13	1590.7	2	
	5563	12	53.2	14	1439.8	2	
	5563	13	76.8	16	1230.6	3	
	5565	14	91.1	11	1777.0	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	1
9	1	333	9	0.333	300	0
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	0
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 (%)						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	798	67	1253	1
2	5550	1	838	63	1193	1
3	5550	1	798	67	1253	0
4	5550	1	558	95	1792	1
5	5550	1	818	65	1222	1
6	5550	1	3066	18	326	1
7	5550	1	578	92	1730	1
8	5550	1	918	58	1089	1
9	5550	1	738	72	1355	1
10	5550	1	678	78	1475	1
11	5550	1	518	102	1931	1
12	5550	1	838	63	1193	1
13	5550	1	778	68	1285	1
14	5550	1	778	68	1285	1
15	5550	1	798	67	1253	1
16	5550	1	1296	41	772	1
17	5550	1	1264	42	791	1
18	5550	1	837	64	1195	1
19	5550	1	1187	45	842	1
20	5550	1	811	66	1233	1
21	5550	1	810	66	1235	1
22	5550	1	2943	18	340	1
23	5550	1	1183	45	845	1
24	5550	1	2168	25	461	1
25	5550	1	2450	22	408	1
26	5550	1	2050	26	488	1
27	5550	1	2335	23	428	1
28	5550	1	1379	39	725	0
29	5550	1	2917	19	343	1
30	5550	1	2266	24	441	1
Detection Percentage (%)						93.33



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	4.10	208.30	28	4801	1
2	5550	2.10	201.50	26	4963	1
3	5550	4.30	157.00	28	6369	1
4	5550	3.10	170.10	25	5879	1
5	5550	1.50	170.70	26	5858	1
6	5550	4.40	181.70	25	5504	1
7	5550	1.70	155.20	28	6443	1
8	5550	1.70	161.40	24	6196	0
9	5550	4.00	198.10	27	5048	0
10	5550	4.50	184.40	27	5423	0
11	5550	4.10	193.70	25	5163	1
12	5550	4.60	216.20	27	4625	1
13	5550	3.90	174.60	24	5727	1
14	5550	2.90	184.30	23	5426	1
15	5550	4.20	223.10	27	4482	1
16	5550	4.90	212.10	28	4715	1
17	5550	3.60	229.90	24	4350	1
18	5550	4.80	179.70	26	5565	1
19	5550	4.30	187.40	28	5336	1
20	5550	2.40	216.70	23	4615	1
21	5550	1.20	171.50	25	5831	1
22	5550	4.50	171.30	27	5838	1
23	5550	2.20	216.60	26	4617	1
24	5550	3.50	161.40	28	6196	1
25	5550	3.50	201.10	28	4973	1
26	5550	3.10	171.50	23	5831	1
27	5550	4.80	154.90	28	6456	1
28	5550	3.40	155.70	27	6423	1
29	5550	2.50	217.70	26	4593	1
30	5550	2.80	181.70	26	5504	1
Detection Percentage (%)						90.00



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	8.10	336.50	16	2971.77	1
2	5550	6.10	386.80	16	2585.32	1
3	5550	6.10	284.00	16	3521.13	1
4	5550	9.20	325.90	18	3068.43	1
5	5550	7.30	282.50	16	3539.82	1
6	5550	7.40	476.60	17	2098.20	1
7	5550	6.20	209.10	16	4782.40	1
8	5550	7.30	317.10	16	3153.58	1
9	5550	7.80	499.00	16	2004.01	1
10	5550	7.30	246.20	18	4061.74	1
11	5550	9.30	333.80	16	2995.81	1
12	5550	6.30	326.10	16	3066.54	1
13	5550	8.30	268.60	17	3723.01	1
14	5550	8.60	263.20	16	3799.39	1
15	5550	9.80	441.40	17	2265.52	1
16	5550	6.40	486.40	16	2055.92	1
17	5550	6.20	217.30	18	4601.93	1
18	5550	9.70	474.70	18	2106.59	1
19	5550	6.70	497.60	16	2009.65	1
20	5550	8.20	202.60	17	4935.83	1
21	5550	7.90	482.50	18	2072.54	1
22	5550	6.20	442.90	16	2257.85	1
23	5550	7.10	382.70	18	2613.01	1
24	5550	6.60	445.40	17	2245.17	1
25	5550	6.90	446.00	16	2242.15	1
26	5550	8.00	496.10	18	2015.72	1
27	5550	7.30	217.40	17	4599.82	0
28	5550	8.70	369.00	16	2710.03	1
29	5550	9.80	376.20	16	2658.16	1
30	5550	7.30	465.30	17	2149.15	1
Detection Percentage (%)						96.67



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	355.90	13	2810	1
2	5550	15.30	241.10	12	4148	1
3	5550	16.30	373.20	14	2680	1
4	5550	17.80	251.10	16	3982	1
5	5550	13.40	253.00	15	3953	1
6	5550	12.20	413.70	14	2417	1
7	5550	14.50	248.50	16	4024	0
8	5550	16.20	269.40	13	3712	1
9	5550	12.60	428.00	13	2336	1
10	5550	17.90	290.80	13	3439	1
11	5550	19.60	270.80	13	3693	1
12	5550	12.90	393.80	16	2539	1
13	5550	17.30	379.50	16	2635	1
14	5550	13.20	451.00	13	2217	0
15	5550	17.30	408.30	14	2449	1
16	5550	14.20	222.10	12	4502	1
17	5550	15.50	320.80	15	3117	1
18	5550	15.60	335.00	16	2985	1
19	5550	16.70	295.30	12	3386	1
20	5550	12.10	247.10	12	4047	1
21	5550	18.60	467.50	15	2139	1
22	5550	13.60	324.20	13	3085	0
23	5550	16.60	347.80	16	2875	1
24	5550	15.50	443.50	15	2255	1
25	5550	18.70	238.60	16	4191	1
26	5550	13.80	312.60	12	3199	1
27	5550	18.30	251.00	14	3984	1
28	5550	12.00	272.70	15	3667	1
29	5550	19.00	344.20	16	2905	1
30	5550	18.10	257.80	13	3879	1
Detection Percentage (%)						90.00



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	5535.5	1	67.9	9	1749.3	1	1
	5535.5	2	87.9	11	1467.6	1	
	5534.5	3	90.4	8	1631.2	1	
	5534.5	4	99.7	7	1544.1	1	
	5533.5	5	91.6	6	1910.6	2	
	5538.5	6	68.8	18	1650.7	3	
	5535.5	7	52.9	10	1440.4	2	
	5534.5	8	74.4	7	1681.7	2	
	5534.5	9	86.3	8	1160.3	1	
	5537.5	10	68.7	15	1255.4	3	
	5537.5	11	62.5	14	1893.3	2	
2	5537.5	1	69.3	16	1062.4	3	1
	5539.5	2	85.0	19	1519.9	2	
	5537.5	3	82.3	16	1980.8	3	
	5533.5	4	94.1	5	1193.4	2	
	5534.5	5	82.6	7	1587.2	1	
	5539.5	6	85.6	19	1116.3	3	
	5533.5	7	74.3	5	1318.4	1	
	5539.5	8	79.1	20	1386.5	3	
	5538.5	9	81.0	18	1876.2	3	
	5535.5	10	50.2	10	1845.3	2	
	5533.5	11	51.0	6	1281.8	1	
	5534.5	12	71.6	8	1811.5	3	
3	5533.5	1	71.1	6	1388.4	1	1
	5536.5	2	60.5	12	1306.7	3	
	5538.5	3	93.3	18	1270.4	2	
	5535.5	4	79.3	10	1353.7	2	
	5539.5	5	64.7	19	1108.8	3	
	5535.5	6	62.9	11	1239.7	1	
	5536.5	7	62.7	12	1411.1	1	
	5534.5	8	95.6	7	1351.0	3	
	5535.5	9	72.2	11	1672.7	2	
	5539.5	10	62.5	19	1095.0	1	
	5535.5	11	97.9	10	1523.9	2	
	5535.5	12	83.7	10	1020.4	1	
	5535.5	13	86.9	10	1000.3	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
4	5538.5	1	74.5	18	1687.5	3	0
	5535.5	2	95.4	9	1655.0	3	
	5535.5	3	58.1	9	1446.5	3	
	5533.5	4	80.1	5	1291.7	1	
	5538.5	5	87.4	17	1051.4	1	
	5536.5	6	87.4	13	1695.1	1	
	5535.5	7	81.7	11	1178.9	3	
	5535.5	8	81.6	9	1825.9	2	
	5536.5	9	56.4	13	1886.1	3	
5	5533.5	1	62.3	5	1039.0	3	1
	5537.5	2	76.9	14	1539.5	2	
	5535.5	3	68.3	9	1234.1	1	
	5536.5	4	57.6	13	1485.2	2	
	5538.5	5	63.4	17	1499.9	3	
	5533.5	6	61.4	6	1994.5	2	
	5539.5	7	85.8	19	1779.8	2	
	5537.5	8	54.6	14	1391.5	2	
	5538.5	9	61.2	17	1815.8	1	
	5536.5	10	77.5	13	1319.7	2	
	5536.5	11	64.9	12	1309.6	3	
	5534.5	12	89.7	7	1778.8	2	
	5535.5	13	72.9	10	1386.2	1	
	5533.5	14	68.4	6	1605.3	3	
	5534.5	15	96.0	7	1052.0	3	
6	5536.5	1	71.9	12	1046.9	1	1
	5538.5	2	76.4	17	1025.0	1	
	5536.5	3	70.3	13	1087.1	3	
	5535.5	4	50.7	9	1092.4	2	
	5535.5	5	82.9	10	1235.3	3	
	5533.5	6	61.2	6	1434.6	2	
	5539.5	7	60.3	19	1950.7	2	
	5534.5	8	58.2	8	1265.6	2	
	5537.5	9	64.7	15	1048.8	2	
	5538.5	10	87.3	17	1079.8	1	
	5537.5	11	66.8	15	1326.3	3	
	5535.5	12	65.1	11	1216.1	1	
	5539.5	13	54.3	19	1125.9	2	
	5537.5	14	61.9	14	1240.9	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	5537.5	1	52.0	16	1569.7	3	1
	5534.5	2	90.1	8	1601.2	1	
	5534.5	3	81.9	8	1427.9	3	
	5538.5	4	57.3	18	1973.2	1	
	5538.5	5	65.8	18	1011.7	2	
	5536.5	6	77.0	12	1645.4	2	
	5538.5	7	56.9	18	1443.2	1	
	5538.5	8	66.8	17	1913.4	2	
	5538.5	9	61.8	18	1339.3	2	
	5533.5	10	62.3	6	1697.2	2	
	5537.5	11	96.4	15	1420.4	2	
	5536.5	12	71.8	12	1059.5	2	
	5535.5	13	73.1	11	1338.9	1	
	5539.5	14	89.5	19	1808.3	3	
	5535.5	15	86.1	10	1730.3	2	
	5538.5	16	71.7	18	1824.5	1	
	5534.5	17	97.6	7	1084.0	3	
8	5535.5	1	53.1	9	1970.9	2	1
	5534.5	2	86.7	8	1667.1	1	
	5539.5	3	72.5	19	1302.2	2	
	5539.5	4	58.2	19	1883.2	1	
	5534.5	5	95.5	7	1698.7	2	
	5535.5	6	55.8	9	1199.8	1	
	5535.5	7	89.5	11	1010.3	2	
	5535.5	8	95.1	10	1818.6	3	
	5534.5	9	55.3	8	1501.1	3	
	5537.5	10	95.3	16	1660.3	3	
	5535.5	11	83.0	11	1184.5	3	
	5538.5	12	65.6	18	1022.4	2	
	5534.5	13	70.8	7	1080.4	3	
	5535.5	14	64.4	11	1517.9	3	
	5534.5	15	86.3	8	1155.0	1	
	5538.5	16	92.4	18	1113.4	3	
	5536.5	17	51.0	13	1322.0	2	
	5537.5	18	77.1	16	1414.8	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
9	5534.5	1	71.3	8	1241.2	2	1
	5535.5	2	62.6	9	1702.2	3	
	5535.5	3	52.1	9	1883.1	3	
	5536.5	4	80.2	12	1328.6	2	
	5534.5	5	56.7	7	1558.1	1	
	5536.5	6	83.1	13	1751.8	1	
	5536.5	7	58.6	12	1154.9	3	
	5533.5	8	66.6	6	1362.9	1	
	5536.5	9	82.2	12	1675.0	2	
	5535.5	10	63.1	9	1165.6	2	
	5538.5	11	74.5	17	1929.5	2	
	5533.5	12	78.2	6	1713.3	3	
	5535.5	13	72.2	9	1321.2	2	
	5539.5	14	61.5	19	1273.7	2	
	5535.5	15	53.7	10	1511.7	1	
	5533.5	16	66.8	5	1297.5	2	
	5537.5	17	61.0	15	1151.9	1	
	5537.5	18	97.9	15	1042.5	2	
	5538.5	19	62.9	17	1111.1	1	
10	5535.5	1	71.6	10	1697.2	2	1
	5538.5	2	76.9	18	1812.5	3	
	5539.5	3	79.6	20	1690.5	3	
	5534.5	4	84.9	7	1060.0	1	
	5537.5	5	60.1	15	1075.1	3	
	5533.5	6	93.4	6	1493.4	2	
	5538.5	7	56.3	18	1920.1	2	
	5533.5	8	82.8	6	1425.6	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
11	5550	1	99.7	8	1282.6	1	0
	5550	2	50.1	20	1044.8	2	
	5550	3	50.3	8	1341.6	1	
	5550	4	80.7	11	1293.2	3	
	5550	5	94.7	11	1267.3	2	
	5550	6	76.7	6	1991.4	1	
	5550	7	77.9	15	1545.8	2	
	5550	8	59.2	10	1915.0	3	
	5550	9	54.3	9	1631.0	2	
	5550	10	62.5	7	1274.4	2	
	5550	11	63.5	11	1968.5	3	
	5550	12	61.2	10	1976.4	2	
	5550	13	86.5	11	1324.5	2	
	5550	14	96.4	18	1528.8	1	
	5550	15	76.1	18	1913.0	2	
	5550	16	97.2	18	1667.3	1	
12	5550	1	65.3	14	1923.3	3	1
	5550	2	90.4	9	1571.5	1	
	5550	3	67.8	16	1092.6	2	
	5550	4	76.0	20	1277.4	3	
	5550	5	65.2	13	1669.3	1	
	5550	6	68.6	15	1622.9	1	
	5550	7	75.7	9	1813.6	3	
	5550	8	85.4	7	1183.3	3	
	5550	9	71.8	19	1169.9	1	
	5550	10	68.0	11	1999.5	3	
	5550	11	65.6	16	1871.3	2	
	5550	12	72.6	12	1124.4	3	
	5550	13	73.9	12	1599.8	3	
	5550	14	97.1	7	1081.1	2	
	5550	15	88.5	19	1616.3	2	
	5550	16	57.7	9	1271.2	3	
	5550	17	65.9	15	1249.9	3	
	5550	18	72.8	17	1887.2	3	
	5550	19	85.5	13	1488.7	2	
	5550	20	92.4	8	1292.8	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
13	5550	1	86.9	14	1624.7	2	1
	5550	2	85.5	13	1545.9	3	
	5550	3	84.6	18	1956.4	1	
	5550	4	98.8	18	1944.6	1	
	5550	5	56.4	19	1475.8	2	
	5550	6	89.1	13	1298.4	3	
	5550	7	55.1	14	1252.3	2	
	5550	8	92.1	17	1870.3	2	
	5550	9	95.4	17	1294.5	1	
	5550	10	59.6	11	1986.7	1	
14	5550	1	78.1	12	1708.5	1	1
	5550	2	74.2	18	1208.3	3	
	5550	3	73.1	8	1538.6	3	
	5550	4	67.5	9	1229.5	2	
	5550	5	93.4	13	1695.6	1	
	5550	6	61.6	7	1277.3	2	
	5550	7	97.3	9	1464.3	3	
	5550	8	63.5	12	1821.8	3	
	5550	9	99.2	12	1812.0	3	
	5550	10	55.1	9	1536.4	1	
	5550	11	87.2	10	1499.4	3	
	5550	12	94.6	14	1229.4	3	
	5550	13	72.3	6	1601.3	1	
	5550	14	52.7	12	1257.7	3	
	5550	15	74.7	12	1086.3	2	
	5550	16	64.0	8	1536.8	1	
	5550	17	60.2	10	1873.6	2	
	5550	18	83.9	6	1004.4	3	
	5550	19	73.0	19	1994.7	2	
	5550	20	64.8	5	1113.1	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
15	5550	1	58.4	10	1547.5	1	1
	5550	2	94.5	15	1808.1	3	
	5550	3	67.5	19	1403.9	2	
	5550	4	60.7	18	1858.5	1	
	5550	5	89.5	8	1688.2	2	
	5550	6	88.8	5	1100.5	3	
	5550	7	72.2	13	1643.7	1	
	5550	8	94.7	9	1439.4	3	
	5550	9	63.9	13	1678.5	2	
	5550	10	80.3	6	1982.7	2	
	5550	11	85.3	19	1839.2	3	
	5550	12	85.3	15	1082.0	3	
	5550	13	66.6	18	1173.4	1	
	5550	14	67.8	15	1509.0	3	
	5550	15	91.8	16	1952.4	3	
	5550	16	93.5	10	1501.8	2	
	5550	17	51.0	5	1571.9	1	
	5550	18	52.7	18	1708.3	3	
	5550	19	71.1	8	1057.4	3	
16	5550	1	84.4	16	1509.1	1	1
	5550	2	75.0	7	1318.4	3	
	5550	3	61.5	14	1451.4	1	
	5550	4	58.2	13	1320.8	3	
	5550	5	68.8	9	1761.3	2	
	5550	6	99.4	20	1285.0	3	
	5550	7	73.4	17	1221.8	3	
	5550	8	50.4	13	1688.0	3	
	5550	9	83.9	12	1036.8	2	
	5550	10	89.2	11	1042.0	1	
	5550	11	50.5	19	1304.4	3	
	5550	12	98.0	12	1987.2	1	
	5550	13	52.2	8	1269.0	3	
	5550	14	81.7	9	1602.4	3	
	5550	15	91.4	11	1431.4	2	
	5550	16	84.8	15	1733.0	1	
	5550	17	96.3	8	1941.5	2	
	5550	18	96.7	18	1566.1	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
17	5550	1	71.3	14	1795.2	3	1
	5550	2	72.4	14	1963.9	3	
	5550	3	77.3	6	1098.0	1	
	5550	4	88.6	11	1134.6	2	
	5550	5	99.4	17	1549.7	1	
	5550	6	62.0	13	1927.9	2	
	5550	7	87.5	14	1887.8	2	
	5550	8	68.4	11	1491.3	2	
	5550	9	76.0	9	1032.3	3	
	5550	10	78.1	18	1898.4	3	
	5550	11	69.7	8	1027.7	2	
	5550	12	84.3	18	1713.1	1	
	5550	13	99.3	14	1618.7	3	
	5550	14	73.4	13	1601.8	1	
	5550	15	77.2	10	1946.8	1	
	5550	16	50.4	10	1241.3	2	
	5550	17	65.8	14	1926.8	3	
18	5550	1	71.9	11	1916.5	1	1
	5550	2	72.7	15	1775.0	2	
	5550	3	56.4	9	1626.5	2	
	5550	4	81.8	12	1461.2	2	
	5550	5	85.6	11	1376.9	2	
	5550	6	62.6	13	1573.1	3	
	5550	7	90.5	5	1239.0	3	
	5550	8	80.6	13	1030.9	2	
	5550	9	73.1	17	1421.7	1	
	5550	10	67.2	7	1480.8	2	
	5550	11	59.3	6	1900.4	3	
	5550	12	54.5	18	1264.7	2	
	5550	13	54.2	8	1239.3	2	
	5550	14	72.3	15	1041.1	2	
	5550	15	74.5	9	1302.9	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
19	5550	1	99.0	6	1557.1	1	0
	5550	2	91.3	16	1940.6	3	
	5550	3	67.5	14	1736.4	3	
	5550	4	77.0	12	1289.6	1	
	5550	5	59.2	17	1838.8	1	
	5550	6	68.9	16	1622.5	3	
	5550	7	94.1	5	1510.7	2	
	5550	8	56.4	15	1431.3	3	
	5550	9	71.1	5	1838.8	1	
	5550	10	84.6	10	1150.8	3	
	5550	11	60.1	17	1507.3	2	
	5550	12	63.7	11	1595.8	1	
	5550	13	62.4	15	1125.5	2	
	5550	14	82.5	20	1305.4	3	
20	5550	1	88.9	6	1854.8	2	0
	5550	2	96.1	12	1724.1	1	
	5550	3	70.6	15	1585.8	1	
	5550	4	77.2	12	1301.2	1	
	5550	5	89.6	13	1893.6	3	
	5550	6	59.5	11	1521.7	2	
	5550	7	72.4	5	1434.3	1	
	5550	8	50.7	16	1504.4	2	
	5550	9	70.0	6	1673.7	3	
	5550	10	50.9	18	1986.7	3	
21	5564.5	1	88.0	10	1622.7	2	1
	5565.5	2	82.9	8	1881.6	3	
	5566.5	3	88.4	6	1984.2	3	
	5562.5	4	91.0	15	1232.8	1	
	5566.5	5	70.0	5	1494.9	2	
	5562.5	6	89.9	16	1181.0	1	
	5560.5	7	67.4	19	1273.8	1	
	5561.5	8	76.6	18	1435.2	1	
	5560.5	9	69.5	19	1393.2	1	
	5565.5	10	90.9	7	1821.9	1	
	5561.5	11	74.2	18	1224.5	3	
	5560.5	12	81.5	19	1957.3	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
22	5564.5	1	59.8	10	1976.8	3	1
	5564.5	2	62.2	11	1631.6	2	
	5564.5	3	69.0	11	1477.1	3	
	5560.5	4	73.4	20	1333.0	3	
	5563.5	5	72.6	13	1656.6	3	
	5566.5	6	82.3	6	1431.8	2	
	5560.5	7	64.1	19	1662.8	2	
	5560.5	8	84.1	20	1619.0	3	
23	5561.5	9	57.3	17	1566.0	1	1
	5563.5	1	63.9	12	1997.0	1	
	5562.5	2	66.8	14	1436.0	1	
	5563.5	3	91.4	12	1290.0	3	
	5566.5	4	57.3	5	1662.5	2	
	5560.5	5	62.2	19	1820.8	3	
	5563.5	6	68.6	13	1316.9	3	
	5564.5	7	91.5	10	1750.1	2	
	5561.5	8	99.9	17	1423.0	1	
	5564.5	9	96.4	11	1964.3	1	
	5561.5	10	64.0	18	1664.5	2	
	5565.5	11	84.2	8	1250.5	2	
	5565.5	12	93.2	8	1922.0	2	
	5561.5	13	67.9	18	1817.1	3	
	5564.5	14	76.5	9	1080.7	1	
5564.5	15	57.9	10	1700.8	1		
24	5566.5	1	76.0	6	1591.9	1	1
	5566.5	2	50.9	6	1907.7	3	
	5563.5	3	98.4	12	1838.1	1	
	5566.5	4	58.2	6	1098.7	2	
	5561.5	5	100.0	18	1906.2	1	
	5561.5	6	98.3	18	1978.1	1	
	5563.5	7	53.2	12	1957.4	3	
	5562.5	8	83.1	15	1466.6	1	
	5562.5	9	69.9	15	1556.1	1	
	5563.5	10	85.9	12	1569.5	3	
	5564.5	11	77.7	10	1060.8	1	
	5564.5	12	64.7	11	1369.7	3	
	5564.5	13	50.8	11	1357.8	3	
	5565.5	14	65.8	8	1827.7	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
25	5564.5	1	54.0	10	1499.6	1	1
	5562.5	2	53.5	14	1988.6	3	
	5566.5	3	57.3	6	1644.9	3	
	5561.5	4	78.3	17	1418.7	2	
	5566.5	5	55.8	5	1862.7	1	
	5564.5	6	75.8	10	1789.6	2	
	5560.5	7	87.2	19	1439.1	2	
	5565.5	8	68.3	8	1403.2	1	
	5563.5	9	67.0	13	1771.0	2	
	5564.5	10	50.3	11	1357.1	3	
	5566.5	11	73.3	6	1571.5	1	
	5564.5	12	77.4	9	1312.4	1	
	5560.5	13	92.2	20	1497.8	3	
	5560.5	14	58.9	19	1454.9	3	
	5561.5	15	77.0	17	1813.1	3	
	5565.5	16	65.3	7	1069.9	3	
	5564.5	17	87.5	9	1427.6	2	
	5564.5	18	76.8	9	1887.6	3	
26	5563.5	1	68.8	13	1502.3	1	1
	5564.5	2	57.9	11	1586.5	2	
	5566.5	3	82.3	5	1674.7	3	
	5562.5	4	53.0	16	1705.9	2	
	5561.5	5	83.5	18	1082.5	2	
	5560.5	6	74.1	20	1228.1	1	
	5565.5	7	66.7	7	1169.5	3	
	5566.5	8	72.3	6	1742.6	2	
	5564.5	9	66.7	10	1410.6	1	
	5564.5	10	87.6	11	1467.4	1	
	5562.5	11	78.1	14	1538.8	3	
	5564.5	12	75.9	9	1079.3	3	
	5563.5	13	99.8	12	1574.7	1	
	5560.5	14	74.9	19	1981.5	3	
	5564.5	15	74.5	10	1383.4	2	
	5560.5	16	52.0	19	1397.3	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
27	5564.5	1	59.2	9	1264.9	2	1
	5563.5	2	54.4	13	1549.9	2	
	5564.5	3	67.8	11	1534.8	1	
	5562.5	4	94.5	16	1625.5	2	
	5563.5	5	87.9	13	1822.0	1	
	5561.5	6	69.7	18	1163.8	3	
	5566.5	7	59.0	6	1687.8	1	
	5562.5	8	96.3	16	1984.6	3	
	5566.5	9	53.7	5	1379.8	3	
	5564.5	10	98.3	11	1693.3	1	
	5566.5	11	91.5	5	1505.1	1	
	5564.5	12	94.6	10	1134.7	1	
	5564.5	13	79.3	9	1753.7	1	
	5565.5	14	56.8	8	1664.9	1	
	5564.5	15	69.8	9	1650.4	2	
	5564.5	16	53.3	10	1832.7	2	
	5564.5	17	57.2	10	1637.6	2	
	5566.5	18	60.8	6	1627.3	2	
	5565.5	19	91.8	7	1671.8	2	
	5562.5	20	97.4	15	1231.8	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
28	5560.5	1	57.3	19	1410.4	2	1
	5561.5	2	64.7	17	1277.3	2	
	5562.5	3	98.0	14	1747.3	2	
	5565.5	4	99.7	7	1229.4	3	
	5562.5	5	66.7	14	1646.7	1	
	5565.5	6	94.6	7	1430.1	2	
	5561.5	7	59.9	18	1765.7	3	
	5564.5	8	84.3	9	1835.7	1	
	5563.5	9	82.8	13	1531.6	3	
	5560.5	10	68.0	19	1601.5	2	
	5565.5	11	77.6	7	1196.4	3	
	5565.5	12	51.3	8	1036.9	1	
	5562.5	13	51.6	16	1658.6	1	
	5564.5	14	91.9	10	1454.7	3	
	5565.5	15	91.0	8	1159.7	3	
	5563.5	16	87.6	13	1595.0	3	
	5566.5	17	78.0	6	1439.7	2	
	5562.5	18	73.0	16	1927.0	3	
	5565.5	19	61.4	8	1243.0	3	
	5564.5	20	92.6	11	1324.1	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
29	5560.5	1	99.9	19	1715.3	2	1
	5562.5	2	96.8	15	1893.8	3	
	5563.5	3	94.3	13	1000.7	1	
	5562.5	4	67.5	14	1470.1	2	
	5564.5	5	53.8	9	1633.6	2	
	5562.5	6	98.0	16	1054.0	2	
	5560.5	7	63.0	19	1438.9	3	
	5562.5	8	72.3	14	1359.5	2	
	5560.5	9	84.6	19	1903.3	1	
	5564.5	10	52.5	11	1233.7	3	
	5562.5	11	79.8	14	1410.0	1	
	5564.5	12	70.9	10	1354.0	1	
	5562.5	13	87.2	16	1497.3	1	
	5561.5	14	91.0	17	1608.4	3	
	5560.5	15	53.1	19	1512.8	3	
	5562.5	16	83.4	14	1975.5	3	
	5560.5	17	97.8	20	1683.1	1	
30	5566.5	1	82.1	6	1588.0	3	1
	5561.5	2	59.4	17	1908.5	2	
	5566.5	3	97.4	5	1013.1	2	
	5560.5	4	96.5	19	1269.1	1	
	5564.5	5	81.0	10	1064.1	1	
	5566.5	6	65.1	6	1007.2	3	
	5560.5	7	94.1	19	1230.1	2	
	5562.5	8	91.9	16	1700.4	3	
	5564.5	9	59.2	11	1051.0	2	
	5562.5	10	60.4	16	1622.5	3	
	5566.5	11	56.0	6	1489.4	2	
	5563.5	12	79.1	12	1101.3	3	
	5563.5	13	87.2	12	1823.9	1	
	5560.5	14	97.4	20	1052.5	1	
Detection Percentage (%)							86.67



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	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	0
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	0
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 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	718	74	1393	0
2	5530	1	858	62	1166	1
3	5530	1	878	61	1139	1
4	5530	1	698	76	1433	1
5	5530	1	538	99	1859	1
6	5530	1	678	78	1475	0
7	5530	1	858	62	1166	1
8	5530	1	698	76	1433	1
9	5530	1	938	57	1066	0
10	5530	1	638	83	1567	1
11	5530	1	878	61	1139	1
12	5530	1	658	81	1520	1
13	5530	1	758	70	1319	1
14	5530	1	778	68	1285	1
15	5530	1	618	86	1618	1
16	5530	1	2416	22	414	1
17	5530	1	1048	51	954	1
18	5530	1	2593	21	386	1
19	5530	1	1198	45	835	1
20	5530	1	1396	38	716	0
21	5530	1	2596	21	385	1
22	5530	1	1217	44	822	1
23	5530	1	1365	39	733	0
24	5530	1	3008	18	332	0
25	5530	1	822	65	1217	1
26	5530	1	793	67	1261	1
27	5530	1	2741	20	365	1
28	5530	1	568	93	1761	0
29	5530	1	1130	47	885	1
30	5530	1	946	56	1057	1
Detection Percentage (%)						76.67



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	2.40	211.60	27	4726	1
2	5530	1.40	206.90	26	4833	0
3	5530	2.50	187.40	26	5336	1
4	5530	4.70	159.90	23	6254	1
5	5530	4.50	156.90	28	6373	1
6	5530	2.50	188.90	23	5294	1
7	5530	3.00	197.50	24	5063	1
8	5530	1.70	198.60	29	5035	1
9	5530	1.00	212.10	26	4715	1
10	5530	2.90	178.40	24	5605	0
11	5530	2.90	168.70	24	5928	1
12	5530	3.50	190.30	29	5255	1
13	5530	1.10	204.60	28	4888	1
14	5530	2.70	228.90	23	4369	1
15	5530	4.00	205.10	29	4876	1
16	5530	3.20	157.90	23	6333	1
17	5530	3.20	218.60	24	4575	1
18	5530	1.80	194.70	29	5136	1
19	5530	2.90	180.00	28	5556	1
20	5530	2.90	183.60	23	5447	1
21	5530	1.60	172.10	24	5811	1
22	5530	2.30	181.00	27	5525	1
23	5530	4.50	164.80	25	6068	1
24	5530	1.50	204.40	29	4892	1
25	5530	4.90	157.20	24	6361	1
26	5530	2.70	153.50	29	6515	0
27	5530	1.70	228.20	29	4382	1
28	5530	3.50	183.00	27	5464	1
29	5530	1.50	195.40	23	5118	1
30	5530	3.00	214.70	24	4658	1
Detection Percentage (%)						90.00



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	9.00	497.20	16	2011.26	1
2	5530	10.00	382.60	18	2613.70	0
3	5530	6.60	302.60	16	3304.69	1
4	5530	7.20	443.30	17	2255.81	1
5	5530	8.50	427.10	17	2341.37	1
6	5530	8.70	447.80	16	2233.14	1
7	5530	7.90	346.10	16	2889.34	1
8	5530	7.80	482.80	17	2071.25	1
9	5530	7.50	411.90	17	2427.77	1
10	5530	8.70	388.30	17	2575.33	0
11	5530	9.10	469.60	18	2129.47	1
12	5530	6.40	304.40	18	3285.15	1
13	5530	6.20	257.20	17	3888.02	1
14	5530	9.80	307.70	16	3249.92	1
15	5530	8.40	255.60	16	3912.36	1
16	5530	7.70	402.90	16	2482.01	1
17	5530	6.40	282.40	17	3541.08	1
18	5530	9.90	345.90	17	2891.01	1
19	5530	9.80	385.30	17	2595.38	1
20	5530	7.40	470.50	17	2125.40	1
21	5530	7.80	455.50	17	2195.39	1
22	5530	9.80	491.10	17	2036.25	1
23	5530	8.70	279.20	18	3581.66	1
24	5530	7.40	232.70	18	4297.38	1
25	5530	8.60	245.20	16	4078.30	1
26	5530	7.60	418.50	18	2389.49	1
27	5530	9.20	248.90	17	4017.68	1
28	5530	9.50	314.20	16	3182.69	1
29	5530	8.70	446.60	18	2239.14	1
30	5530	6.70	491.40	16	2035.00	1
Detection Percentage (%)						93.33



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	14.70	258.50	14	3868	1
2	5530	13.70	249.60	15	4006	1
3	5530	11.60	233.50	13	4283	1
4	5530	15.90	270.00	14	3704	1
5	5530	19.90	402.60	16	2484	1
6	5530	14.10	288.90	15	3461	1
7	5530	16.50	211.40	15	4730	1
8	5530	18.70	317.70	13	3148	1
9	5530	15.10	301.10	15	3321	1
10	5530	19.70	317.20	12	3153	1
11	5530	12.60	436.40	15	2291	1
12	5530	16.70	424.80	14	2354	1
13	5530	13.20	492.80	14	2029	1
14	5530	13.60	484.00	16	2066	1
15	5530	11.60	217.80	13	4591	1
16	5530	13.80	239.80	14	4170	1
17	5530	18.30	315.00	12	3175	1
18	5530	16.60	486.00	14	2058	1
19	5530	15.00	383.30	16	2609	1
20	5530	18.40	457.90	12	2184	0
21	5530	17.50	405.50	14	2466	1
22	5530	12.40	256.60	15	3897	1
23	5530	19.40	249.00	13	4016	1
24	5530	19.20	319.20	13	3133	1
25	5530	14.10	316.30	14	3162	0
26	5530	11.10	368.20	12	2716	1
27	5530	12.40	440.50	12	2270	1
28	5530	11.70	237.10	13	4218	1
29	5530	13.20	491.30	15	2035	1
30	5530	15.60	497.60	14	2010	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	5495	1	70.5	7	1498.5	2	1
	5499	2	56.1	18	1124.7	2	
	5495	3	55.1	7	1318.2	2	
	5497	4	69.7	13	1833.2	3	
	5496	5	89.6	10	1962.2	3	
	5499	6	54.3	18	1877.8	2	
	5494	7	64.5	6	1151.0	3	
	5494	8	89.3	6	1353.7	1	
	5498	9	71.5	14	1709.3	3	
	5500	10	52.3	20	1534.9	1	
	5498	11	80.3	14	1881.9	2	
2	5498	1	59.0	14	1412.3	2	1
	5496	2	84.7	9	1444.4	1	
	5495	3	93.9	8	1420.9	2	
	5497	4	62.9	12	1801.0	1	
	5495	5	69.7	7	1008.2	2	
	5499	6	84.1	18	1314.7	1	
	5497	7	76.7	13	1262.2	1	
	5496	8	71.5	11	1591.7	3	
	5499	9	67.0	17	1228.7	1	
	5496	10	68.2	9	1806.9	3	
	5496	11	77.9	11	1959.8	3	
	5496	12	83.5	11	1086.4	1	
3	5499	1	93.4	17	1522.3	2	1
	5497	2	60.7	13	1622.9	1	
	5498	3	68.3	14	1626.4	2	
	5496	4	94.9	9	1428.6	2	
	5495	5	72.2	7	1477.4	2	
	5494	6	96.1	6	1982.1	2	
	5496	7	72.6	10	1189.5	1	
	5495	8	98.4	7	1515.8	1	
	5495	9	75.3	8	1613.4	2	
	5494	10	54.2	5	1921.3	2	
	5498	11	92.8	14	1475.5	1	
	5499	12	62.4	18	1328.6	1	
	5497	13	66.3	13	1334.8	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
4	5496	1	77.1	10	1334.2	1	1
	5499	2	93.4	18	1776.6	3	
	5498	3	72.2	15	1345.7	2	
	5500	4	54.4	19	1446.1	3	
	5495	5	59.2	8	1529.4	2	
	5495	6	68.3	8	1961.5	1	
	5496	7	84.8	11	1970.9	2	
	5497	8	51.5	12	1587.3	2	
	5499	9	89.6	18	1852.8	3	
5	5498	1	58.0	16	1645.4	3	0
	5497	2	59.9	12	1835.7	2	
	5500	3	64.5	19	1855.3	2	
	5499	4	85.9	17	1304.4	2	
	5498	5	87.3	14	1777.8	2	
	5497	6	72.1	13	1098.3	2	
	5496	7	62.9	11	1220.7	3	
	5495	8	77.4	7	1102.3	3	
	5498	9	66.3	14	1334.8	1	
	5500	10	97.1	19	1309.9	3	
	5498	11	64.8	14	1822.6	1	
	5496	12	54.6	10	1775.1	1	
	5495	13	62.7	8	1914.2	1	
	5494	14	60.8	5	1236.6	1	
	5498	15	85.6	16	1700.9	3	
6	5496	1	81.8	11	1252.9	1	1
	5495	2	57.6	8	1193.0	1	
	5494	3	88.9	5	1793.7	3	
	5497	4	92.4	12	1977.5	2	
	5496	5	76.3	10	1543.3	2	
	5500	6	69.8	19	1100.1	1	
	5494	7	53.1	5	1978.7	3	
	5498	8	99.7	16	1540.9	3	
	5496	9	61.9	11	1863.1	1	
	5496	10	66.4	9	1317.2	3	
	5495	11	77.6	8	1336.4	3	
	5496	12	90.8	10	1789.3	3	
	5500	13	61.1	19	1440.3	3	
	5494	14	92.4	5	1741.3	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
7	5496	1	82.3	10	1551.3	3	1
	5497	2	55.9	13	1198.5	2	
	5495	3	99.3	7	1934.8	1	
	5499	4	89.4	17	1283.5	3	
	5498	5	51.8	15	1225.9	2	
	5498	6	54.3	15	1400.8	2	
	5498	7	81.6	15	1283.8	3	
	5498	8	57.2	15	1783.0	2	
	5500	9	91.5	19	1662.1	3	
	5496	10	73.2	10	1807.3	2	
	5496	11	92.3	11	1589.0	3	
	5499	12	79.6	18	1943.5	2	
	5495	13	99.7	8	1365.6	3	
	5500	14	72.2	20	1719.3	3	
	5494	15	87.0	5	1815.3	1	
	5498	16	91.2	14	1423.6	1	
	5499	17	83.7	18	1263.4	3	
8	5500	1	73.0	19	1028.6	2	1
	5495	2	69.3	7	1370.8	2	
	5495	3	55.4	8	1315.4	1	
	5500	4	82.3	20	1927.2	1	
	5494	5	70.6	6	1918.0	2	
	5497	6	59.5	13	1031.0	2	
	5496	7	97.3	10	1018.0	2	
	5494	8	66.5	6	1966.0	2	
	5497	9	50.6	13	1334.7	2	
	5495	10	54.8	7	1872.6	3	
	5498	11	79.9	15	1495.6	3	
	5497	12	85.1	12	1821.6	1	
	5496	13	74.2	10	1407.5	3	
	5496	14	75.4	11	1086.8	3	
	5496	15	98.5	10	1845.5	1	
	5494	16	77.6	6	1577.7	3	
	5497	17	61.9	12	1162.6	3	
	5497	18	85.9	13	1590.9	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
9	5498	1	67.6	16	1605.0	1	1
	5496	2	87.5	9	1216.6	3	
	5499	3	93.4	17	1617.0	3	
	5499	4	77.5	17	1671.6	3	
	5498	5	61.1	14	1958.0	2	
	5494	6	90.5	5	1741.7	1	
	5496	7	89.3	9	1680.0	1	
	5494	8	54.6	5	1870.8	1	
	5496	9	90.4	10	1601.4	2	
	5494	10	83.5	5	1865.4	3	
	5496	11	87.8	9	1078.6	3	
	5500	12	61.6	19	1642.1	1	
	5495	13	72.5	7	1343.9	3	
	5497	14	88.3	13	1504.8	2	
	5499	15	57.3	17	1719.3	3	
	5499	16	73.1	17	1779.6	2	
	5496	17	87.3	11	1466.2	2	
	5495	18	90.5	8	1512.8	2	
	5499	19	80.5	18	1477.4	2	
10	5496	1	91.7	11	1431.6	2	1
	5497	2	70.6	12	1545.7	1	
	5498	3	75.6	16	1097.8	2	
	5497	4	66.9	13	1360.5	3	
	5496	5	84.2	9	1384.0	3	
	5498	6	74.8	14	1930.0	3	
	5500	7	90.4	19	1182.4	2	
	5498	8	98.6	16	1116.2	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	57.6	16	1836.8	2	1
	5530	2	56.0	17	1924.7	1	
	5530	3	75.4	12	1819.5	1	
	5530	4	52.3	16	1204.6	2	
	5530	5	61.3	5	1678.2	2	
	5530	6	79.3	16	1368.6	2	
	5530	7	73.7	10	1469.7	1	
	5530	8	54.0	9	1144.6	1	
	5530	9	69.7	7	1892.1	1	
	5530	10	72.9	16	1176.2	3	
	5530	11	58.3	8	1320.3	1	
	5530	12	64.9	18	1739.1	3	
	5530	13	92.5	8	1466.5	2	
	5530	14	95.6	20	1408.7	1	
	5530	15	79.6	10	1385.2	1	
	5530	16	97.6	17	1122.5	2	
12	5530	1	84.3	5	1793.5	3	1
	5530	2	79.3	5	1363.6	2	
	5530	3	66.0	15	1084.3	2	
	5530	4	80.4	20	1995.8	3	
	5530	5	92.1	12	1788.2	3	
	5530	6	53.4	12	1903.7	1	
	5530	7	59.7	19	1583.7	3	
	5530	8	57.3	16	1917.2	1	
	5530	9	75.0	12	1479.1	1	
	5530	10	98.7	6	1886.1	2	
	5530	11	57.7	18	1768.6	3	
	5530	12	71.7	17	1371.4	3	
	5530	13	97.1	8	1228.2	3	
	5530	14	75.6	14	1108.8	2	
	5530	15	78.6	11	1921.2	1	
	5530	16	67.1	10	1627.5	2	
	5530	17	62.7	20	1233.3	1	
	5530	18	98.0	16	1778.9	3	
	5530	19	88.1	11	1440.4	1	
	5530	20	60.8	19	1231.3	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
13	5530	1	73.1	8	1173.5	3	1
	5530	2	63.6	7	1604.4	2	
	5530	3	99.7	7	1605.2	1	
	5530	4	52.3	9	1341.8	1	
	5530	5	95.9	19	1120.1	1	
	5530	6	93.8	5	1499.3	2	
	5530	7	57.3	16	1227.3	3	
	5530	8	90.7	7	1659.8	3	
	5530	9	67.0	17	1552.4	2	
	5530	10	71.3	6	1068.6	1	
14	5530	1	97.7	12	1246.2	2	1
	5530	2	85.8	15	1968.9	3	
	5530	3	79.6	7	1328.7	3	
	5530	4	54.1	13	1821.4	2	
	5530	5	90.7	9	1451.3	2	
	5530	6	65.9	14	1072.9	3	
	5530	7	54.7	11	1279.1	1	
	5530	8	73.5	17	1846.9	3	
	5530	9	54.0	18	1369.6	2	
	5530	10	74.8	10	1423.8	3	
	5530	11	52.0	18	1388.6	3	
	5530	12	78.0	8	1894.4	2	
	5530	13	86.7	18	1398.2	3	
	5530	14	61.6	10	1801.6	3	
	5530	15	85.9	9	1899.3	2	
	5530	16	80.7	13	1975.2	2	
	5530	17	92.2	14	1815.2	1	
	5530	18	70.8	10	1963.8	3	
	5530	19	90.4	18	1686.0	3	
	5530	20	82.7	16	1100.4	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
15	5530	1	59.4	18	1125.0	1	1
	5530	2	58.5	15	1056.6	1	
	5530	3	92.9	7	1958.8	2	
	5530	4	56.2	11	1650.0	1	
	5530	5	92.3	12	1502.6	3	
	5530	6	88.0	6	1943.4	3	
	5530	7	57.4	17	1488.5	1	
	5530	8	54.8	6	1431.9	3	
	5530	9	93.7	14	1025.4	3	
	5530	10	81.7	16	1254.8	1	
	5530	11	71.9	11	1742.6	3	
	5530	12	94.2	12	1337.3	2	
	5530	13	99.6	10	1629.7	3	
	5530	14	59.5	8	1877.5	2	
	5530	15	91.6	18	1793.9	2	
	5530	16	87.6	8	1482.0	3	
	5530	17	90.3	8	1396.5	3	
	5530	18	58.6	13	1499.5	1	
	5530	19	97.7	16	1610.4	1	
16	5530	1	87.7	9	1672.3	1	1
	5530	2	96.0	11	1972.5	2	
	5530	3	69.8	14	1994.9	2	
	5530	4	98.9	6	1559.2	2	
	5530	5	78.2	12	1324.9	1	
	5530	6	52.7	19	1230.9	2	
	5530	7	99.1	5	1946.0	3	
	5530	8	77.5	16	1119.9	3	
	5530	9	63.3	13	1798.9	3	
	5530	10	60.6	19	1687.0	1	
	5530	11	62.4	13	1486.0	1	
	5530	12	79.8	15	1808.7	3	
	5530	13	54.0	16	1077.9	2	
	5530	14	59.5	20	1001.5	3	
	5530	15	57.2	7	1145.9	2	
	5530	16	86.6	18	1104.4	2	
	5530	17	54.7	19	1060.3	3	
	5530	18	79.4	19	1612.4	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
17	5530	1	61.2	18	1714.7	3	1
	5530	2	96.3	12	1724.5	3	
	5530	3	73.6	6	1965.8	2	
	5530	4	87.8	13	1438.2	1	
	5530	5	85.6	18	1344.3	2	
	5530	6	88.0	7	1517.5	3	
	5530	7	60.2	13	1678.4	3	
	5530	8	78.9	12	1224.9	3	
	5530	9	65.3	12	1677.6	3	
	5530	10	71.6	16	1119.9	2	
	5530	11	64.7	12	1297.3	2	
	5530	12	86.0	14	1441.6	3	
	5530	13	67.2	8	1640.1	2	
	5530	14	52.4	20	1419.4	3	
	5530	15	88.1	11	1728.1	1	
	5530	16	94.0	18	1139.0	3	
	5530	17	59.0	14	1466.7	2	
18	5530	1	63.9	8	1474.4	3	1
	5530	2	66.9	14	1700.5	3	
	5530	3	96.2	17	1563.8	1	
	5530	4	92.2	18	1990.4	3	
	5530	5	66.6	19	1590.7	1	
	5530	6	73.5	5	1545.0	2	
	5530	7	57.6	5	1905.0	1	
	5530	8	50.9	10	1373.7	2	
	5530	9	88.7	19	1658.8	2	
	5530	10	68.9	8	1757.9	3	
	5530	11	55.4	19	1980.7	3	
	5530	12	64.8	18	1330.2	3	
	5530	13	85.8	13	1884.4	2	
	5530	14	69.9	11	1446.0	3	
	5530	15	59.4	13	1367.0	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
19	5530	1	94.4	9	1265.8	3	1
	5530	2	63.4	7	1338.3	3	
	5530	3	55.6	12	1570.8	2	
	5530	4	78.3	10	1060.1	1	
	5530	5	99.5	12	1459.9	3	
	5530	6	62.3	12	1587.0	1	
	5530	7	95.2	8	1757.7	2	
	5530	8	98.1	14	1136.3	3	
	5530	9	99.1	9	1402.7	1	
	5530	10	70.8	20	1914.3	1	
	5530	11	89.1	12	1386.9	3	
	5530	12	72.0	15	1857.6	1	
	5530	13	75.7	19	1906.9	2	
	5530	14	85.9	15	1172.9	1	
20	5530	1	93.9	17	1679.1	1	0
	5530	2	57.6	15	1252.1	2	
	5530	3	72.2	12	1332.7	3	
	5530	4	89.9	20	1702.2	3	
	5530	5	97.3	6	1408.6	2	
	5530	6	97.9	16	1338.4	3	
	5530	7	96.9	15	1711.7	1	
	5530	8	57.3	9	1172.1	3	
	5530	9	52.2	12	1263.9	2	
	5530	10	93.1	8	1303.2	1	
21	5564	1	88.8	11	1996.6	3	1
	5561	2	74.5	17	1289.8	3	
	5565	3	68.3	7	1510.6	3	
	5563	4	50.3	12	1369.5	1	
	5564	5	73.5	11	1604.0	1	
	5563	6	78.1	13	1512.2	1	
	5565	7	81.4	7	1019.8	2	
	5562	8	99.3	16	1664.6	2	
	5563	9	79.2	12	1066.6	2	
	5560	10	85.1	20	1869.6	3	
	5560	11	71.5	20	1227.4	2	
	5565	12	59.8	8	1180.7	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
22	5564	1	82.9	11	1901.2	1	1
	5565	2	82.2	8	1512.0	2	
	5561	3	69.7	17	1446.8	3	
	5565	4	69.2	7	1348.3	2	
	5561	5	53.9	17	1992.0	1	
	5560	6	76.2	20	1586.5	2	
	5566	7	95.8	6	1837.3	3	
	5561	8	50.4	17	1873.3	3	
	5566	9	82.3	6	1262.3	2	
23	5561	1	53.9	17	1432.3	2	1
	5561	2	95.6	17	1907.1	2	
	5563	3	52.3	12	1137.9	1	
	5562	4	96.6	14	1280.9	3	
	5565	5	90.4	8	1668.8	2	
	5564	6	85.8	11	1108.6	1	
	5560	7	85.2	19	1642.6	3	
	5562	8	81.0	16	1266.8	1	
	5565	9	90.0	8	1010.8	3	
	5562	10	99.1	16	1075.5	2	
	5564	11	98.9	9	1952.2	3	
	5564	12	51.6	9	1261.0	2	
	5562	13	95.4	16	1139.5	2	
	5561	14	84.6	18	1166.0	1	
	5562	15	67.5	16	1706.7	3	
24	5565	1	63.7	7	1580.5	3	1
	5566	2	81.9	5	1863.2	1	
	5562	3	64.9	16	1675.2	2	
	5563	4	73.3	12	1937.8	3	
	5566	5	73.6	5	1604.8	3	
	5561	6	99.9	18	1245.5	3	
	5560	7	50.7	20	1283.6	3	
	5561	8	76.2	17	1997.1	2	
	5566	9	60.5	6	1315.9	3	
	5564	10	92.4	11	1922.9	3	
	5561	11	95.1	18	1903.7	1	
	5565	12	93.2	7	1612.6	1	
	5564	13	73.5	11	1432.1	1	
	5563	14	92.2	12	1778.9	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
25	5565	1	74.8	8	1481.6	1	1
	5562	2	54.3	16	1231.7	3	
	5565	3	95.7	7	1891.9	3	
	5560	4	71.2	19	1075.0	3	
	5564	5	95.6	11	1779.6	2	
	5563	6	50.6	12	1827.1	1	
	5566	7	79.5	6	1605.0	3	
	5563	8	64.7	12	1172.4	3	
	5562	9	70.3	15	1002.3	3	
	5562	10	58.7	14	1203.8	3	
	5561	11	75.9	17	1756.8	1	
	5563	12	65.6	12	1325.7	2	
	5565	13	92.1	7	1916.1	2	
	5564	14	82.2	11	1882.8	3	
	5566	15	52.2	6	1707.7	2	
	5563	16	58.8	13	1909.0	1	
	5564	17	69.6	11	1099.3	3	
	5560	18	62.9	19	1074.9	2	
26	5563	1	94.5	12	1333.8	1	1
	5564	2	53.9	9	1395.6	1	
	5562	3	65.5	14	1121.5	1	
	5562	4	60.7	15	1765.1	3	
	5565	5	92.6	7	1824.3	3	
	5565	6	92.3	8	1045.9	1	
	5564	7	61.6	11	1793.2	2	
	5566	8	88.8	6	1221.9	2	
	5566	9	93.5	6	1321.2	1	
	5561	10	56.2	17	1137.3	3	
	5565	11	65.5	8	1749.4	1	
	5561	12	65.4	18	1956.6	3	
	5565	13	71.3	7	1569.0	2	
	5563	14	69.9	12	1484.6	1	
	5564	15	56.9	9	1307.3	1	
	5564	16	55.2	9	1718.8	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
27	5563	1	85.1	13	1151.5	3	1
	5564	2	66.3	9	1611.4	2	
	5560	3	92.4	19	1976.2	3	
	5563	4	81.7	12	1716.3	2	
	5563	5	55.7	13	1391.1	2	
	5562	6	98.3	14	1071.9	1	
	5565	7	54.1	7	1377.0	3	
	5565	8	50.8	7	1742.6	2	
	5564	9	85.9	11	1448.7	3	
	5561	10	90.6	18	1959.5	2	
	5564	11	66.2	11	1669.7	2	
	5563	12	75.0	13	1668.3	1	
	5564	13	83.5	11	1800.2	1	
	5565	14	70.5	8	1057.5	2	
	5564	15	54.0	11	1651.1	1	
	5560	16	59.5	20	1538.9	3	
	5562	17	50.8	14	1859.6	1	
	5561	18	92.9	18	1230.4	3	
	5566	19	50.2	6	1787.8	3	
	5561	20	57.1	18	1319.7	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
28	5563	1	58.7	13	1782.7	3	1
	5566	2	81.7	6	1151.1	1	
	5562	3	92.4	15	1171.6	2	
	5564	4	98.7	9	1156.9	3	
	5561	5	91.0	18	1497.3	1	
	5563	6	58.7	13	1107.3	3	
	5562	7	99.8	15	1527.9	2	
	5561	8	98.1	17	1539.2	3	
	5562	9	68.1	15	1467.7	1	
	5562	10	96.8	14	1414.9	1	
	5563	11	66.7	12	1529.0	3	
	5562	12	57.2	16	1629.5	1	
	5563	13	73.8	12	1404.7	2	
	5563	14	76.4	13	1684.5	1	
	5563	15	95.7	12	1350.2	3	
	5563	16	50.1	13	1790.3	2	
	5562	17	88.7	16	1746.3	1	
	5560	18	51.0	19	1608.3	3	
	5564	19	81.8	10	1400.8	3	
	5563	20	90.6	12	1281.4	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	61.1	7	1330.7	1	1
	5563	2	54.3	13	1566.3	1	
	5563	3	75.0	13	1384.4	2	
	5565	4	82.4	8	1465.9	2	
	5561	5	98.3	18	1005.3	2	
	5562	6	73.2	16	1715.8	1	
	5565	7	54.2	7	1525.5	3	
	5566	8	93.8	5	1292.7	1	
	5565	9	87.8	7	1864.1	1	
	5561	10	94.1	18	1801.1	3	
	5564	11	94.7	9	1645.3	2	
	5560	12	62.5	19	1545.6	3	
	5564	13	82.5	9	1013.3	3	
	5565	14	93.0	8	1090.0	1	
	5564	15	72.8	11	1642.1	2	
	5561	16	72.4	17	1905.3	2	
	5564	17	90.7	9	1089.9	1	
30	5563	1	70.1	12	1322.8	1	1
	5562	2	83.7	15	1163.5	1	
	5564	3	52.8	11	1055.5	1	
	5564	4	75.0	9	1599.3	2	
	5564	5	83.1	11	1854.0	1	
	5565	6	93.0	7	1170.5	1	
	5565	7	89.3	8	1267.4	2	
	5564	8	67.4	9	1588.5	1	
	5564	9	77.8	10	1449.4	3	
	5564	10	83.1	10	1054.5	2	
	5560	11	91.4	19	1757.0	3	
	5566	12	59.9	6	1974.4	3	
	5564	13	87.0	9	1086.4	3	
	5563	14	68.2	13	1518.4	2	
Detection Percentage (%)							93.33



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	0
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	0
18	1	333	9	0.333	300	1
19	1	333	9	0.333	300	0
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	0
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 (%)						83.33