

DFS Test Report

Applicant : Rajant Corporation

Product Type : Radio Module

Trade Name : VIZMONET

Model Number : RJ-1704

Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013

Received Date : Jul. 27, 2021

Test Period : Feb.18 ~ Mar. 12, 2022

Issued Date : Jun. 16, 2022

Issued by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 334025, Taiwan (R.O.C.)
Tel : +886-3-2710188 / Fax : +886-3-2710190



Taiwan Accreditation Foundation accreditation number: 1330

Frequency Range : 9 kHz to 40 GHz

Test Firm MRA designation number: TW0010

Note:

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

Revision History

Rev.	Issued Date	Revisions	Revised By
00	Jun. 16, 2022	Initial Issue	Vivien Li

U-NII Band 2-Aerification of Compliance

Applicant : Rajant Corporation

Product Type : Radio Module

Trade Name : VIZMONET

Model Number : RJ-1704

FCC ID : VJA-RJ1704

Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013

Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 334025, Taiwan (R.O.C.)
Tel : +886-3-2710188 / Fax : +886-3-2710190



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 :

(Kai Yu Yang)

TABLE OF CONTENTS

1	EUT Description.....	5
2	Test Methodology.....	7
3	Dynamic Frequency Selection	8
3.1.	Limits	8
3.2.	Test and Measurement System.....	12
3.3.	Test Instruments	14
4	Test Methodology.....	15
4.1.	Mode of Operation	15
4.2.	EUT Test Step	15
4.3.	Test Site Environment	15
5	Test Results	16
5.1.	Radar Waveforms and Traffic.....	16
5.2.	Channel Loading	26
5.3.	Channel Availability Check Time	27
5.4.	Channel Move Time and Channel Closing Transmission Time	31
5.5.	Non-Occupancy Period	35
5.6.	U-NII Detection Bandwidth	36
5.7.	Statistical Performance check	38

Appendix A. Test Setup Photographs

1 EUT Description

Applicant	Rajant Corporation 11734 S. Election Road, Draper, Utah, 84020, United States				
Product Type	Radio Module				
Trade Name	VIZMONET				
Model Number	RJ-1704				
FCC ID	VJA-RJ1704				
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels	
	IEEE 802.11a	U-NII Band 2-A	5260 – 5320	4	
		U-NII Band 2-C	5500 – 5700	11	
	IEEE 802.11n 5 GHz 20 MHz	U-NII Band 2-A	5260 – 5320	4	
		U-NII Band 2-C	5500 – 5700	11	
	IEEE 802.11n 5 GHz 40 MHz	U-NII Band 2-A	5270 – 5310	2	
		U-NII Band 2-C	5510 – 5670	5	
Modulation Type	OFDM				
Equipment Type (DFS)	Master				
Antenna information	Antenna	Model Number	Type	Max. Gain (dBi)	
	ANT-0 / ANT-1	KMA-5250-7-NM	External type (Omni-directional)	U-NII Band 2-A	7
		KMA-5550-6-NM		U-NII Band 2-C	6
Antenna Delivery	IEEE 802.11a : 2TX IEEE 802.11n 5 GHz 20 MHz / 40 MHz : 2TX				
Operate Temp. Range	-40 ~ +85 °C				
EUT Power Rating	DC 3.3 V				

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

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

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

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

Table 5a: Pulse Repetition Intervals U-NII Band 2-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

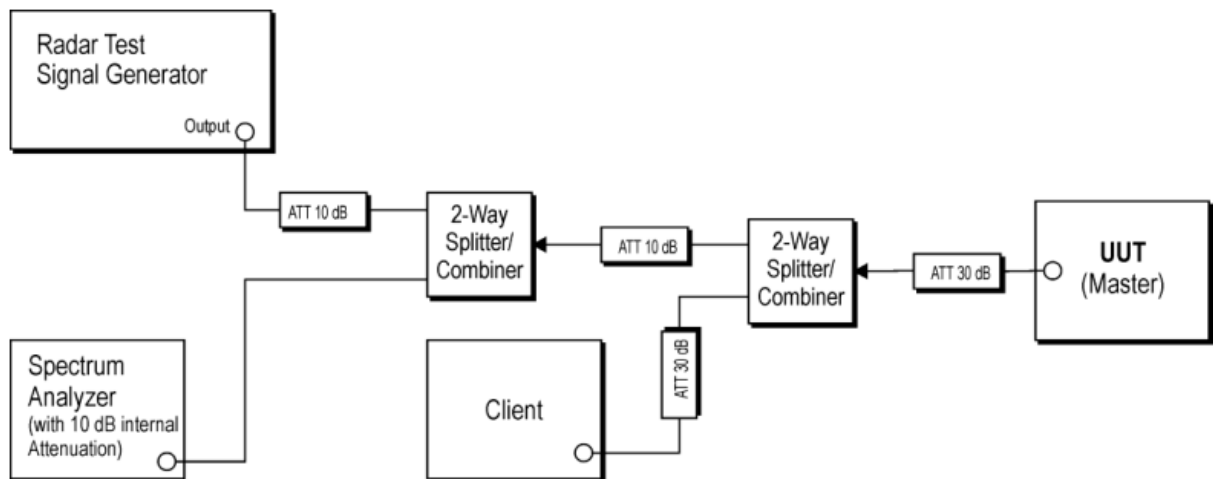
Table 6 – Long Pulse Radar Test Signal							
Radar Waveform	Bursts	Pulses per Burst	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Minimum Percentage of Successful Detection	Minimum Trials
5	8-20	1-3	50-100	5-20	1000-2000	80 %	30

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 Conducted 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.	Radio Module	VIZMONET	RJ-1704	VJA-RJ1704

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 (-64 dBm), The above equipment setup was used to calibrate the conducted 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 (U-NII Band 2-ABW) 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 (-64 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

For Conducted

Test Period: Feb.18 ~ Mar. 12, 2022

Testing Engineer: Peter Shui

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Spectrum Analyzer (10 Hz~26.5 GHz)	Keysight	N9010B	MY59071418	Mar. 17, 2021	1 year
☐	Spectrum Analyzer (9 kHz~26.5 GHz)	Agilent	N9010A	MY48030518	Jul. 23, 2021	1 year
☒	Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	Sep. 09, 2021	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Jan. 05, 2022	1 year
☐	Signal Generator	Agilent	N5182B	MY53050382	May 19, 2021	1 year
☒	Signal Generator	Agilent	N5182B	MY53052569	Apr. 20, 2021	1 year
☒	Frequency Extender for EXG or MXG	Agilent	N5182BX07	MY59360221	Apr. 20, 2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Feb. 01, 2021	1 year

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

4 Test Methodology

4.1. Mode of Operation

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

Test Mode
Mode 1: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode
Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode

4.2. EUT Test Step

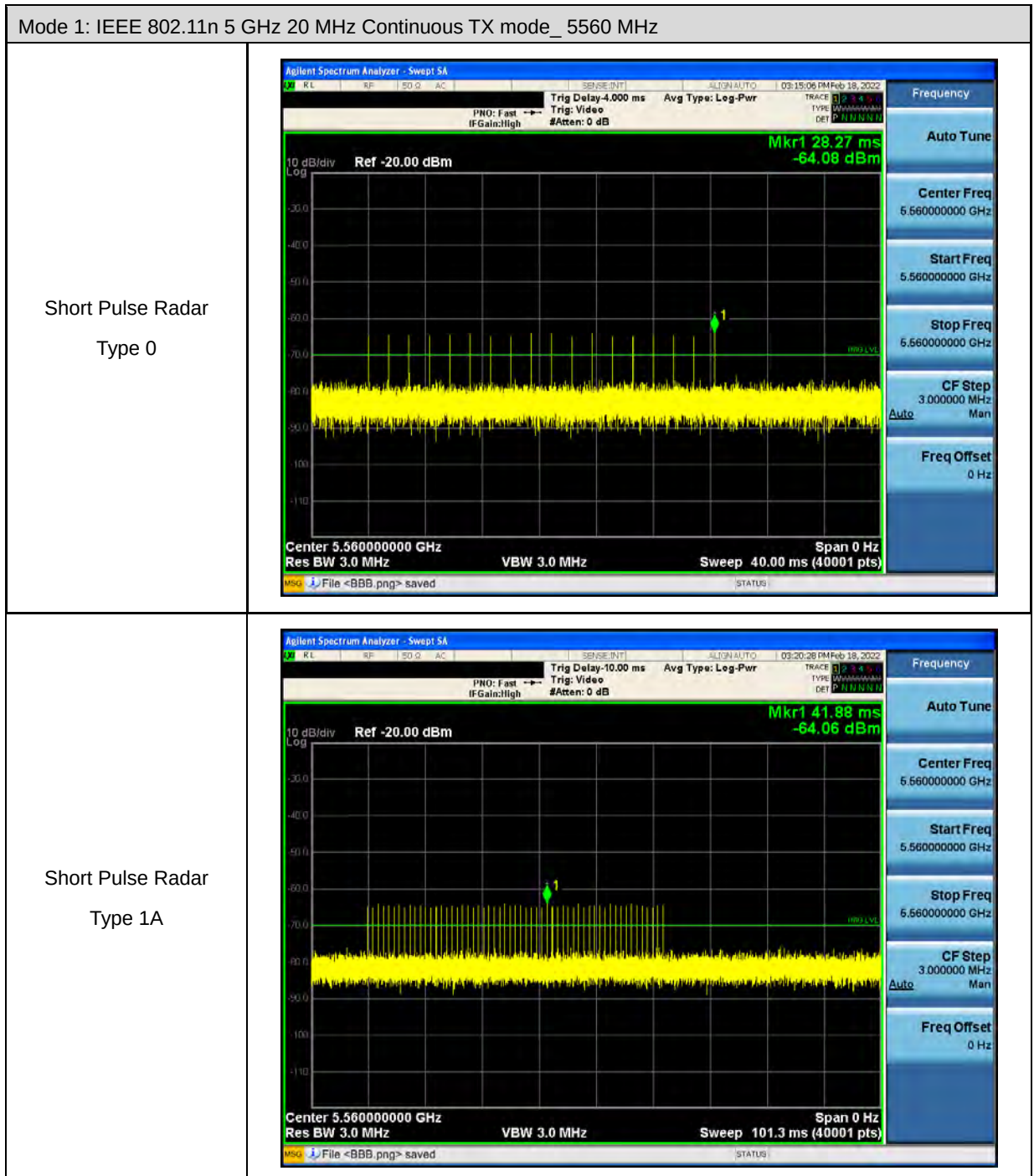
1.	Setup the EUT shown on 3.2.
2.	Turn on the power of all equipment.
3.	Turn on Wi-Fi function link to Access Point.
4.	The EUT is operated in the normal mode to the purposes of measurement.

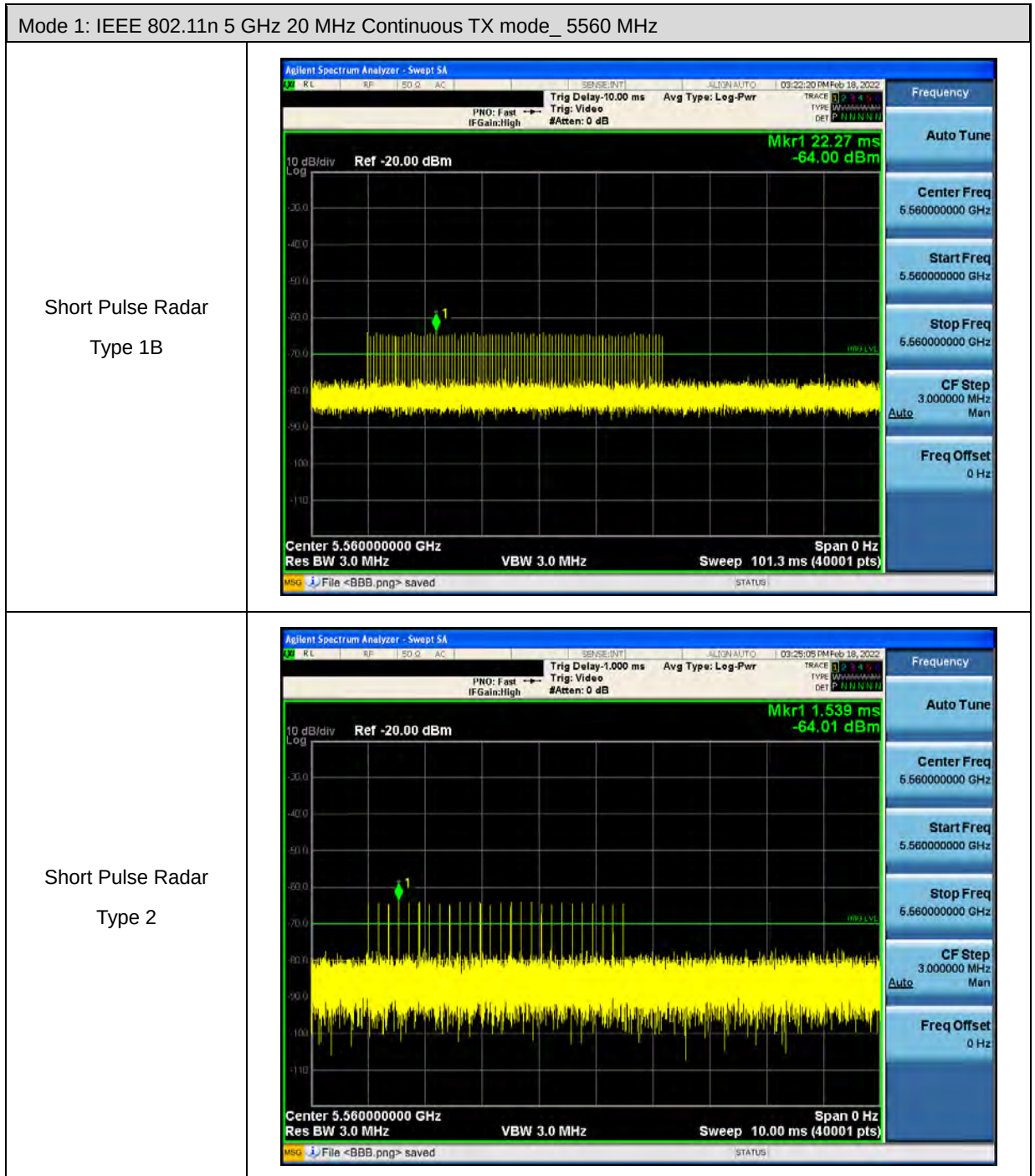
4.3. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	20-30
Humidity (%RH)	25-75	45-75

5 Test Results

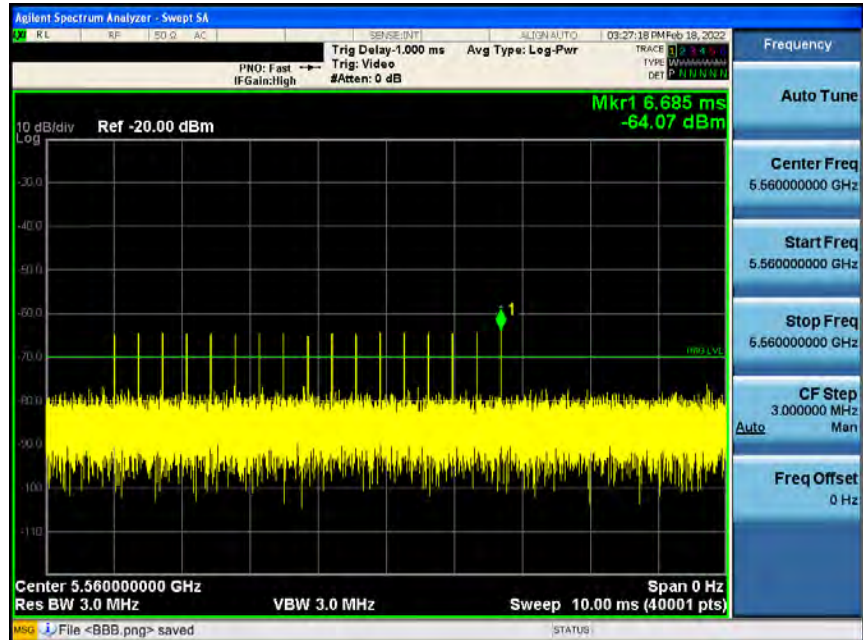
5.1. Radar Waveforms and Traffic



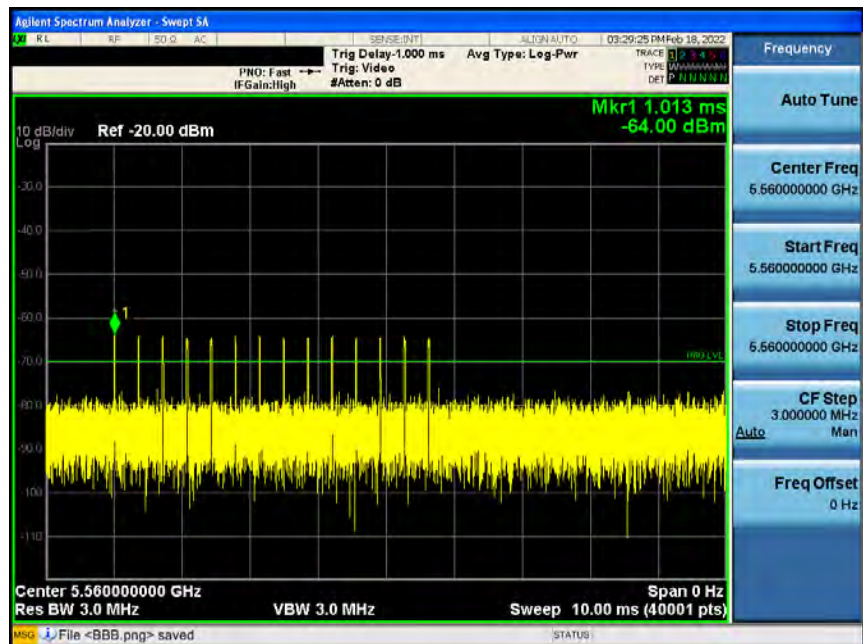


Mode 1: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ 5560 MHz

Short Pulse Radar
Type 3

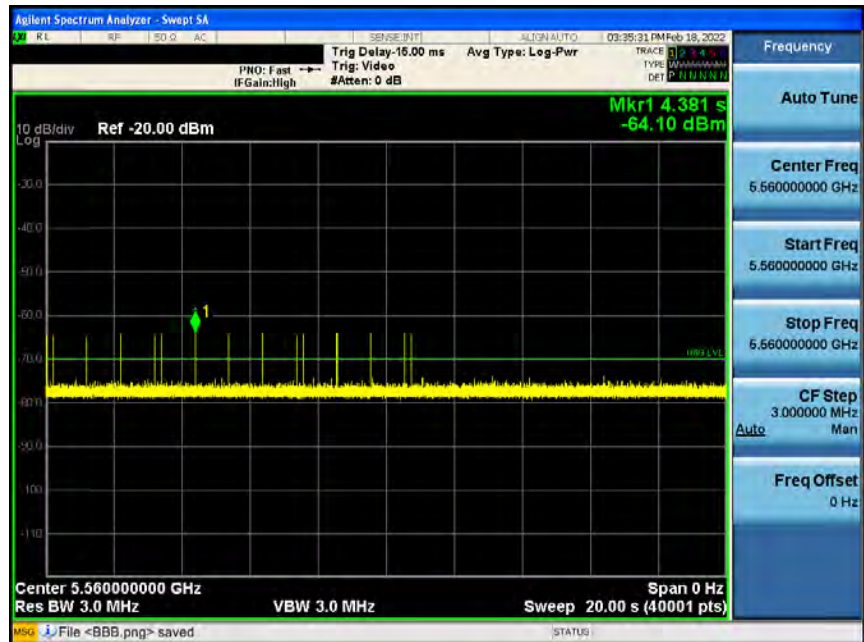


Short Pulse Radar
Type 4

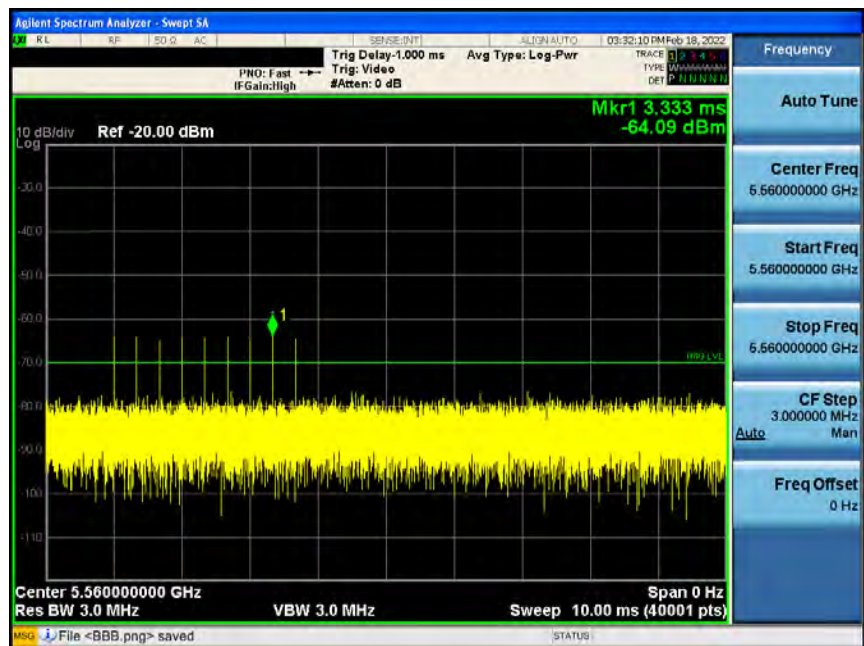


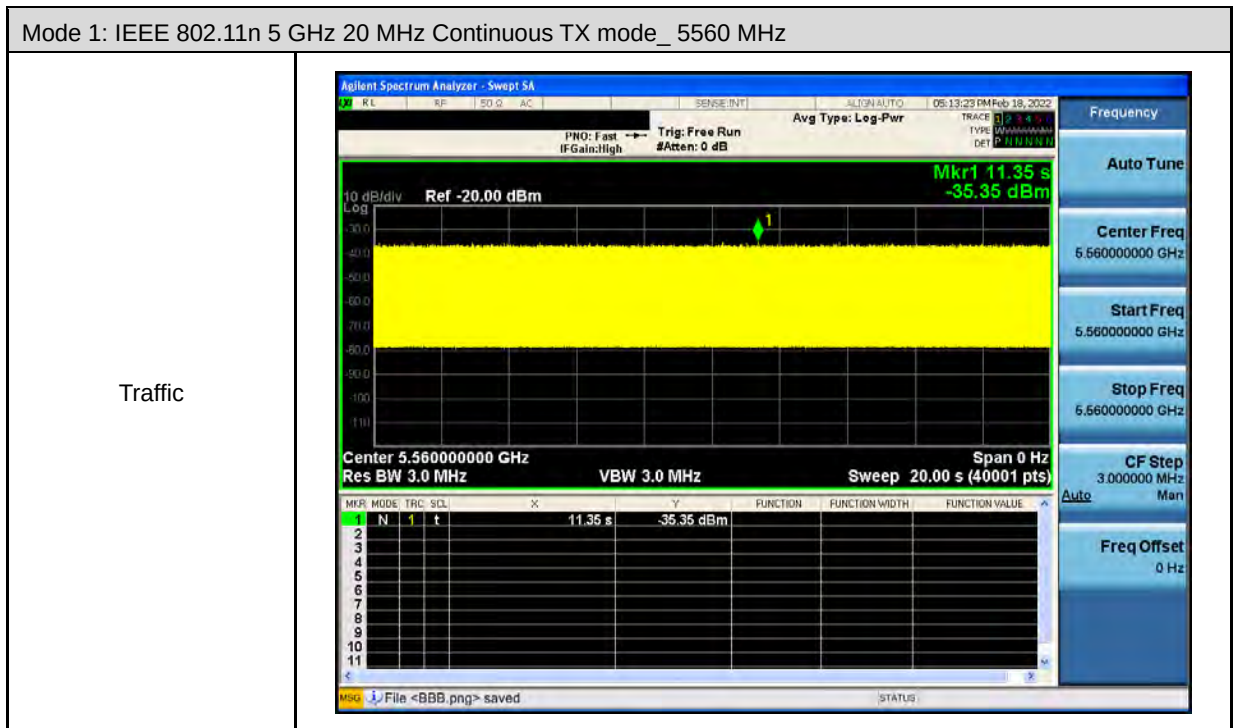
Mode 1: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ 5560 MHz

Long Pulse Radar
Type 5



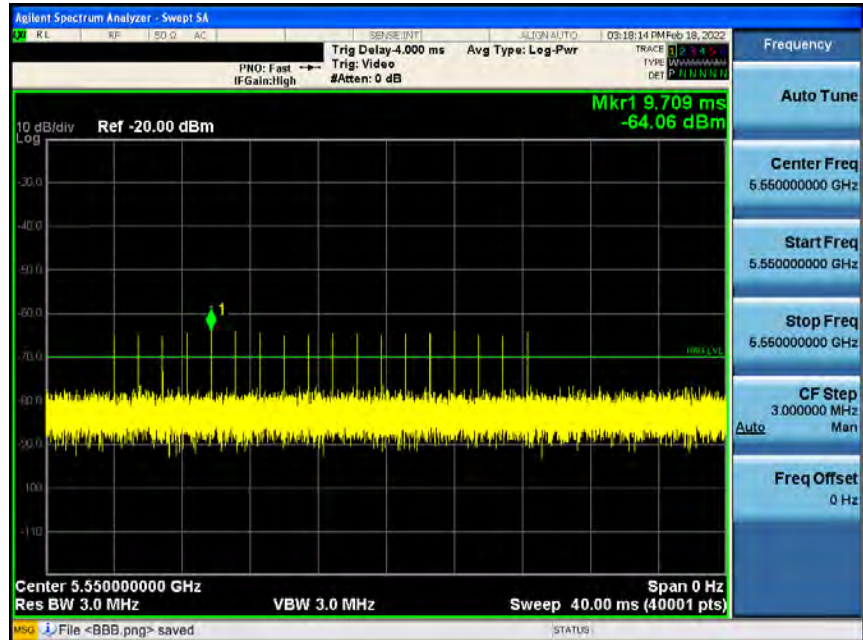
Frequency Hopping
Radar
Type 6



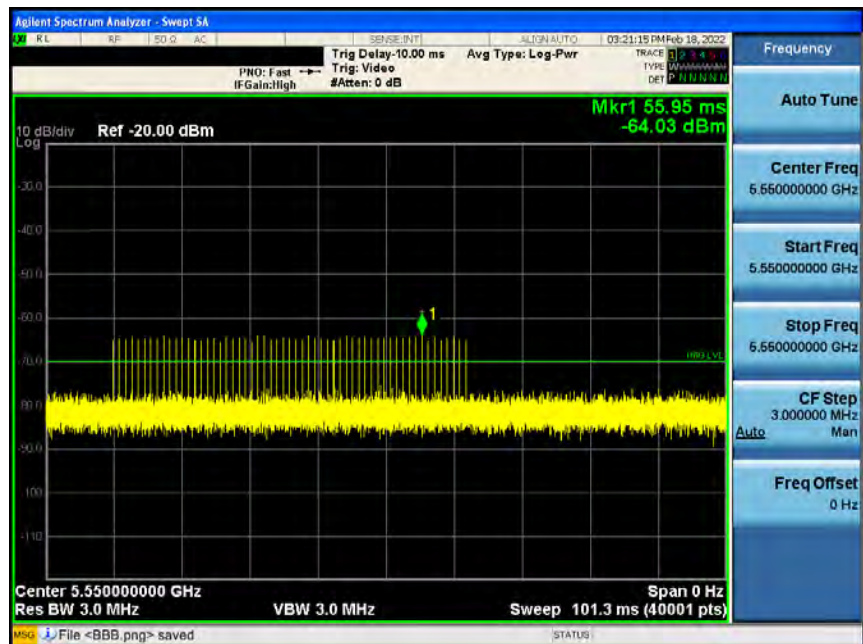


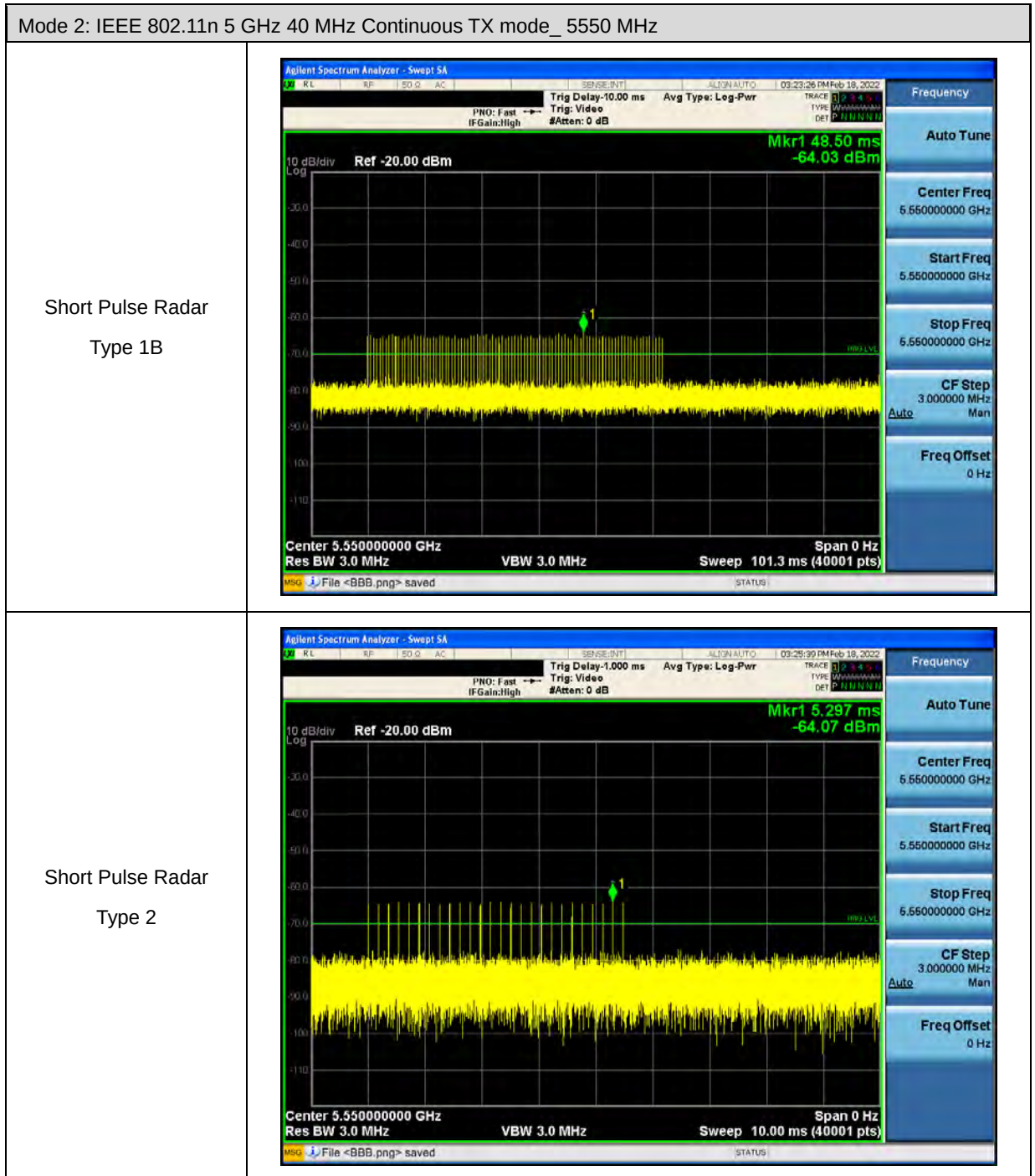
Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ 5550 MHz

Short Pulse Radar
Type 0



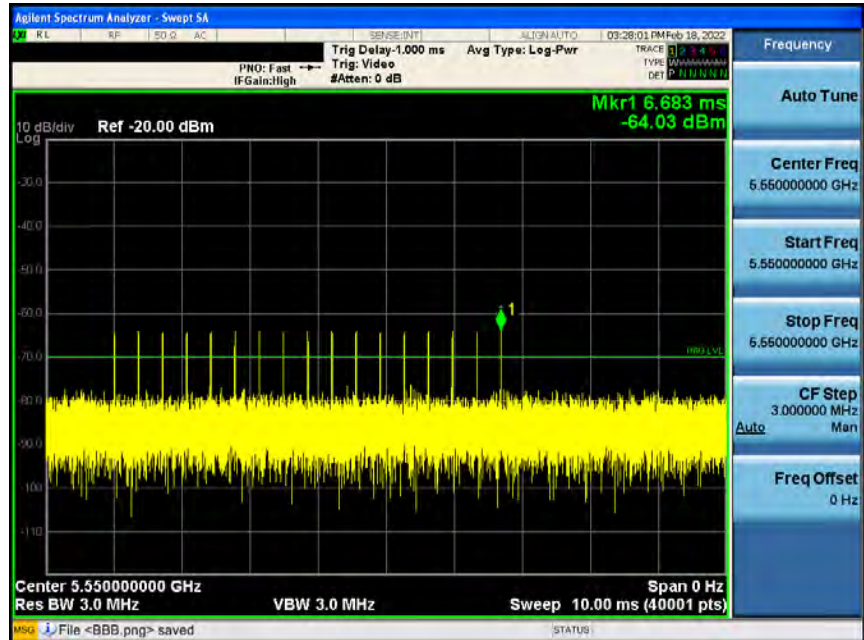
Short Pulse Radar
Type 1A



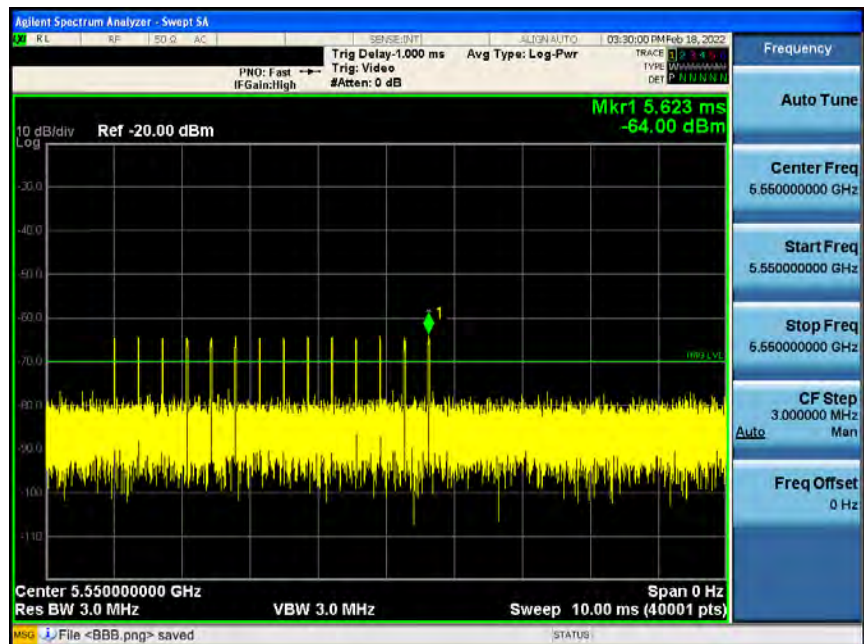


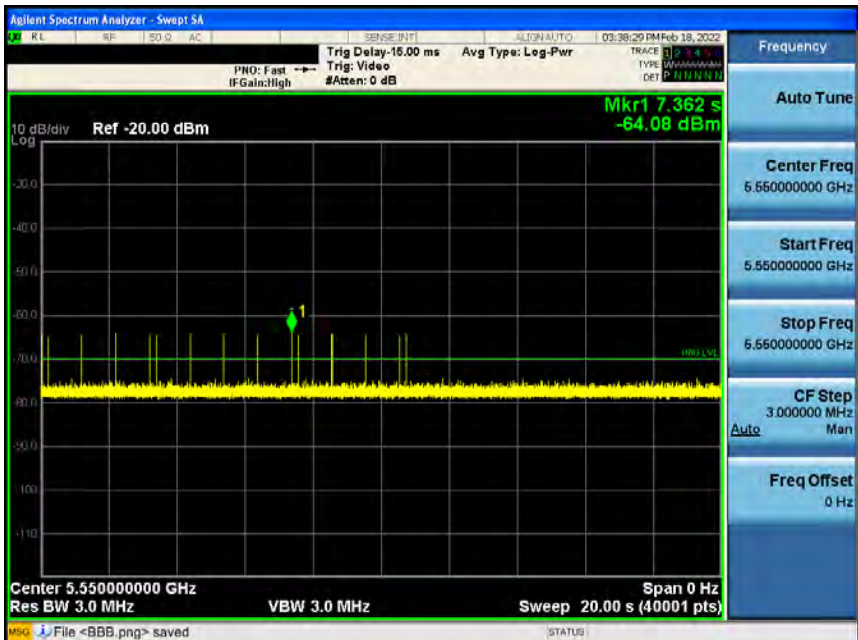
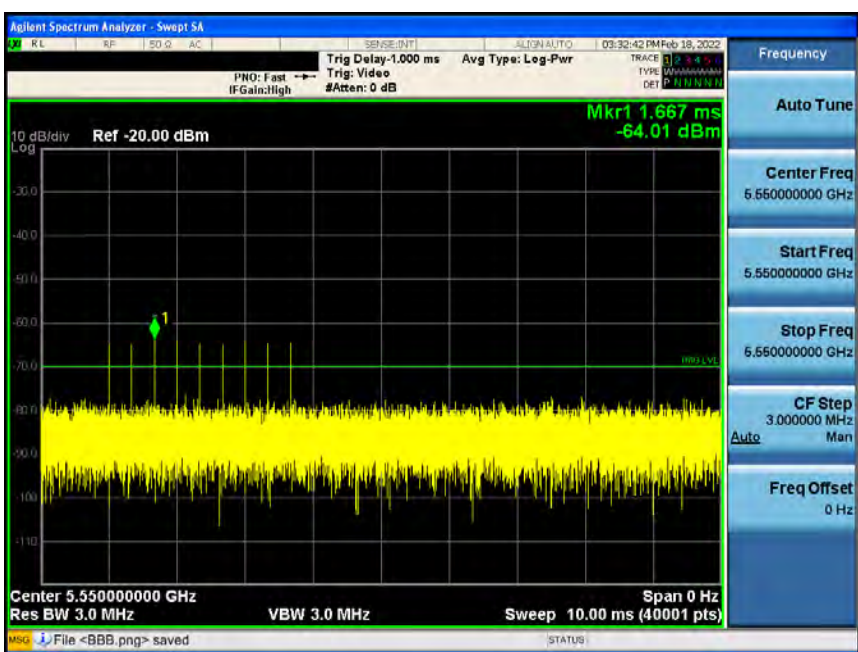
Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ 5550 MHz

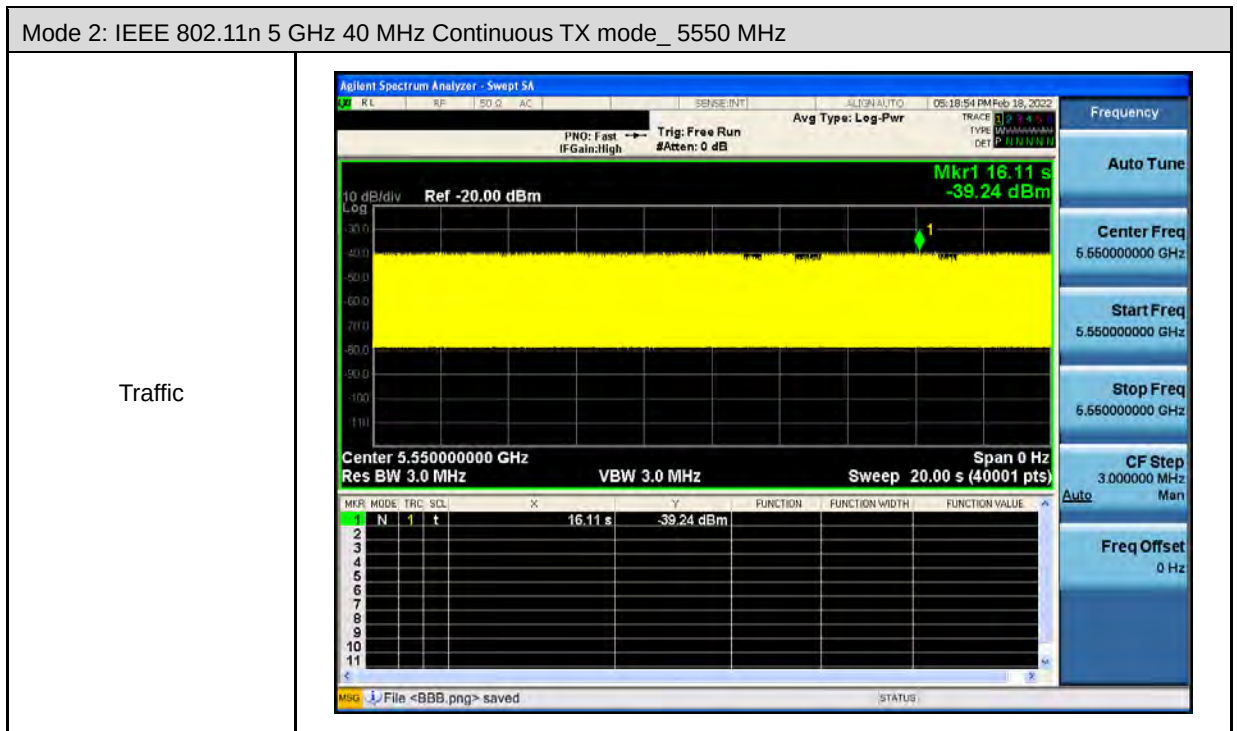
Short Pulse Radar
Type 3



Short Pulse Radar
Type 4



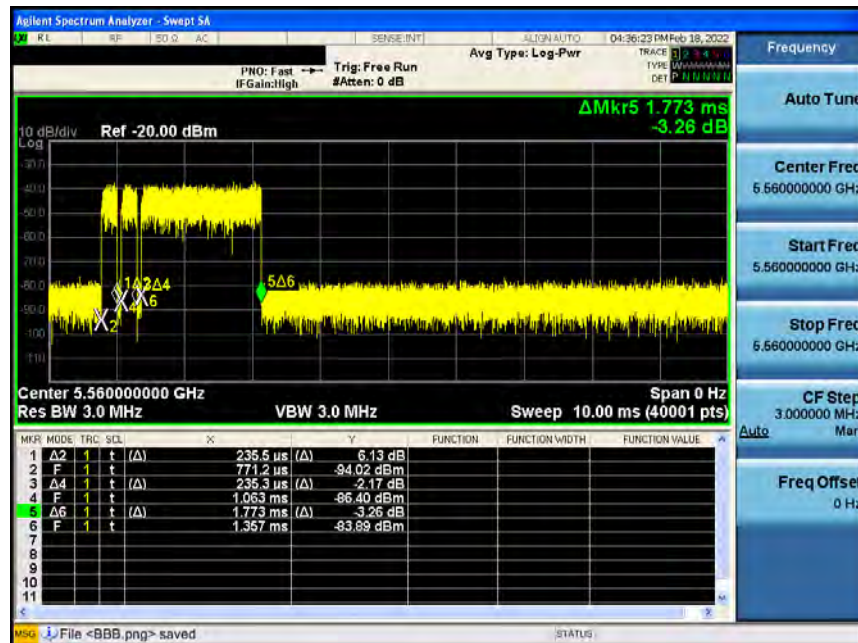
Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ 5550 MHz	
Long Pulse Radar Type 5	
Frequency Hopping Radar Type 6	



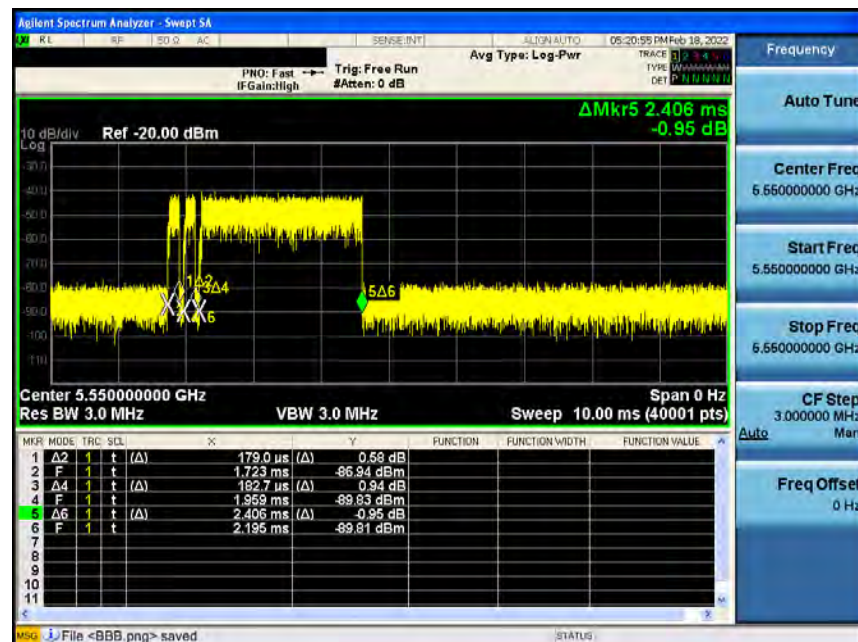
5.2. Channel Loading

■ Duty cycle $\geq 17\%$

Mode 1: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode



Mode 2: IEEE 802.11n 5 GHz 40 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	4.260	112.900	117.160	112.900	52.900

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	4.260	59.590	55.330	2.430

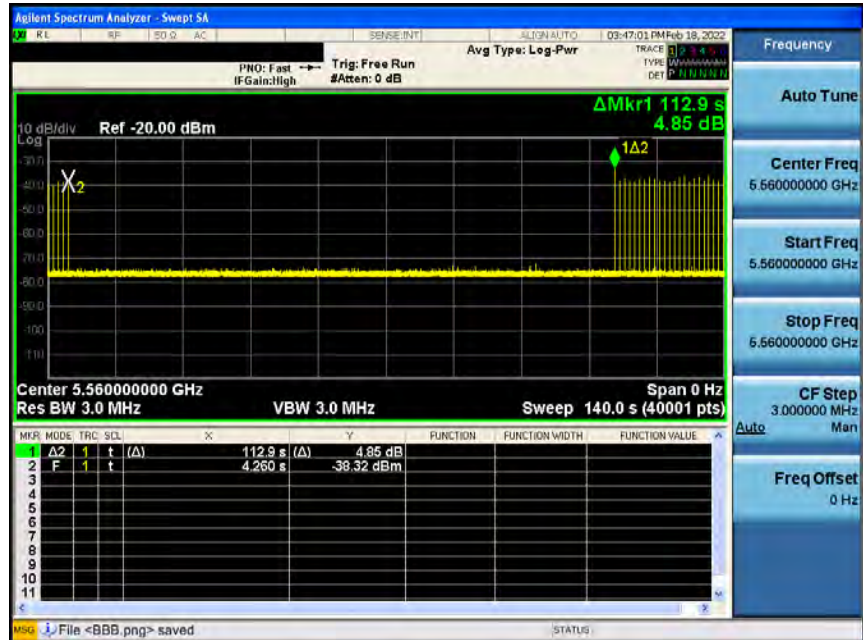
Radar Near End of CAC				
Frequency (MHz)	Timing of Reboot (sec)	Timing of Radar Burst (sec)	Radar Relative to Reboot (sec)	Radar Relative to Start of CAC (sec)
5560	4.260	113.400	109.140	56.240

5.3.4. Qualitative Results

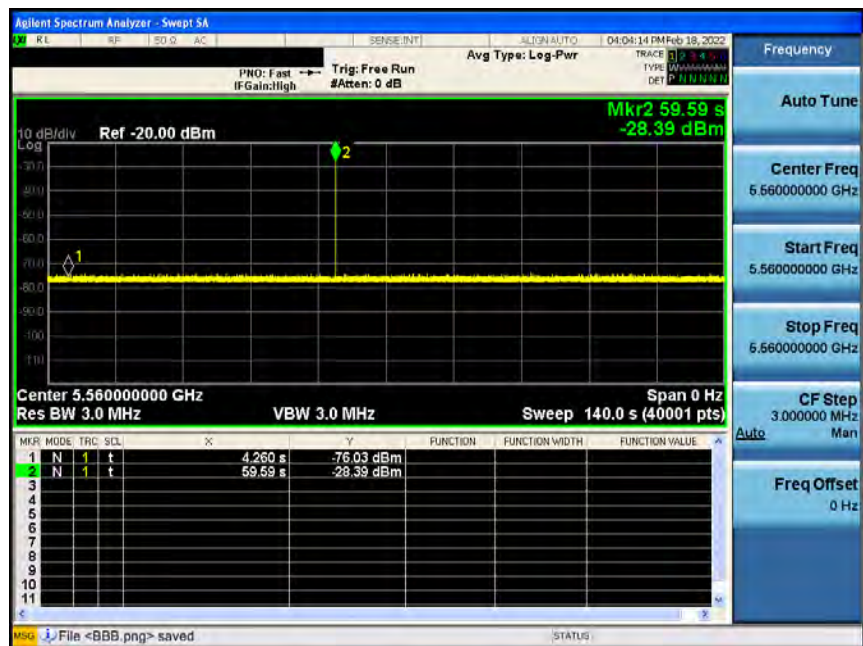
Timing of Radar Burst	Display on Control Computer	Spectrum Analyzer Display
No Radar Triggered	EUT marks Channel as active	Transmissions begin on channel after completion of the initial power-up cycle and the CAC
Within 0 to 6 second window	EUT indicates radar detected	No transmissions on channel
Within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

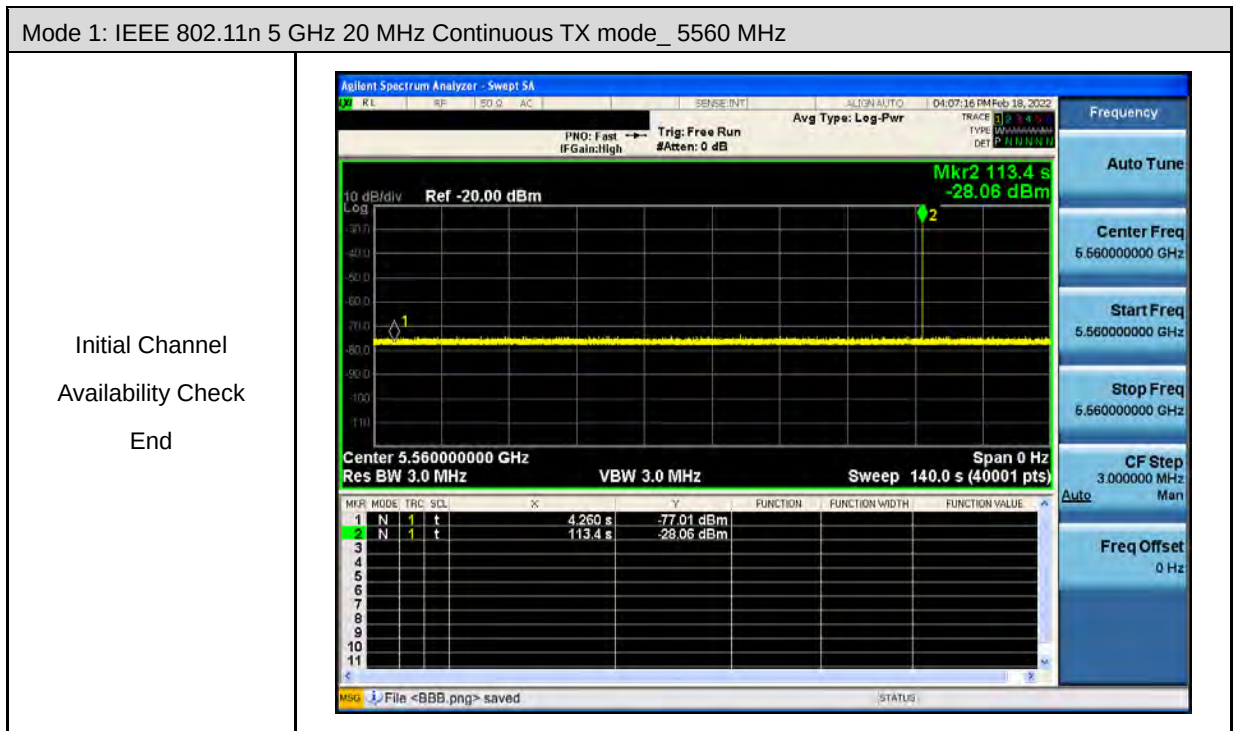
Mode 1: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ 5560 MHz

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:

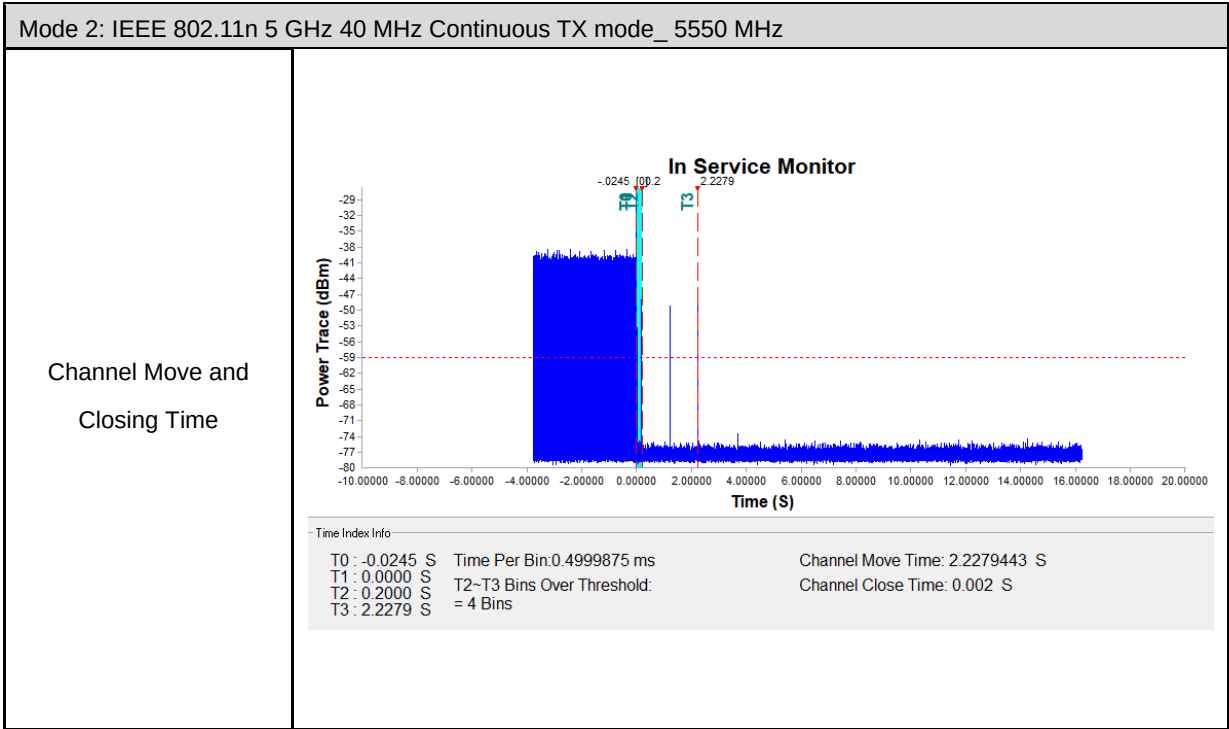
Aggregate Transmission Time = (Number of analyzer bins showing transmission) * (dwell time per bin)

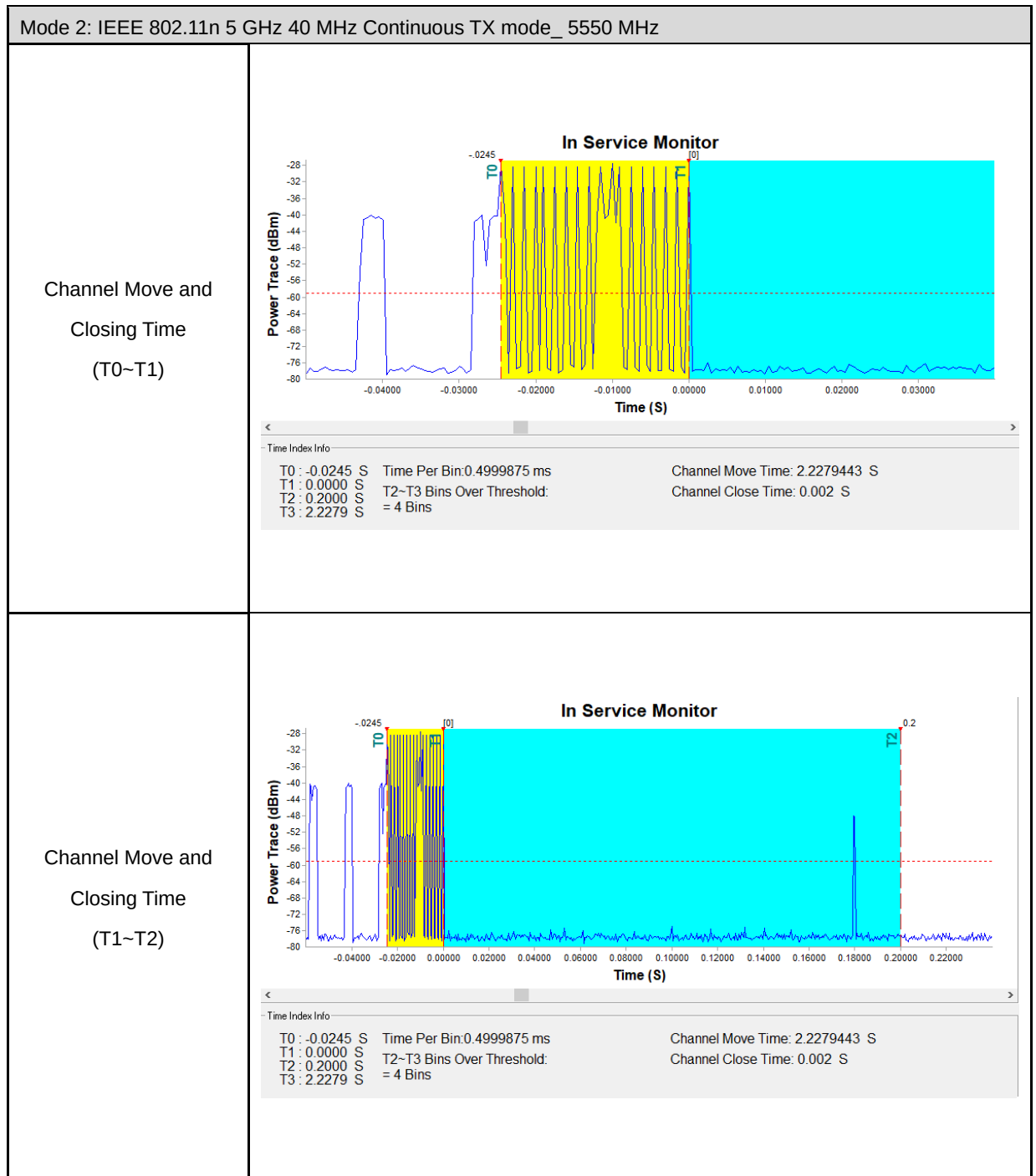
The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate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

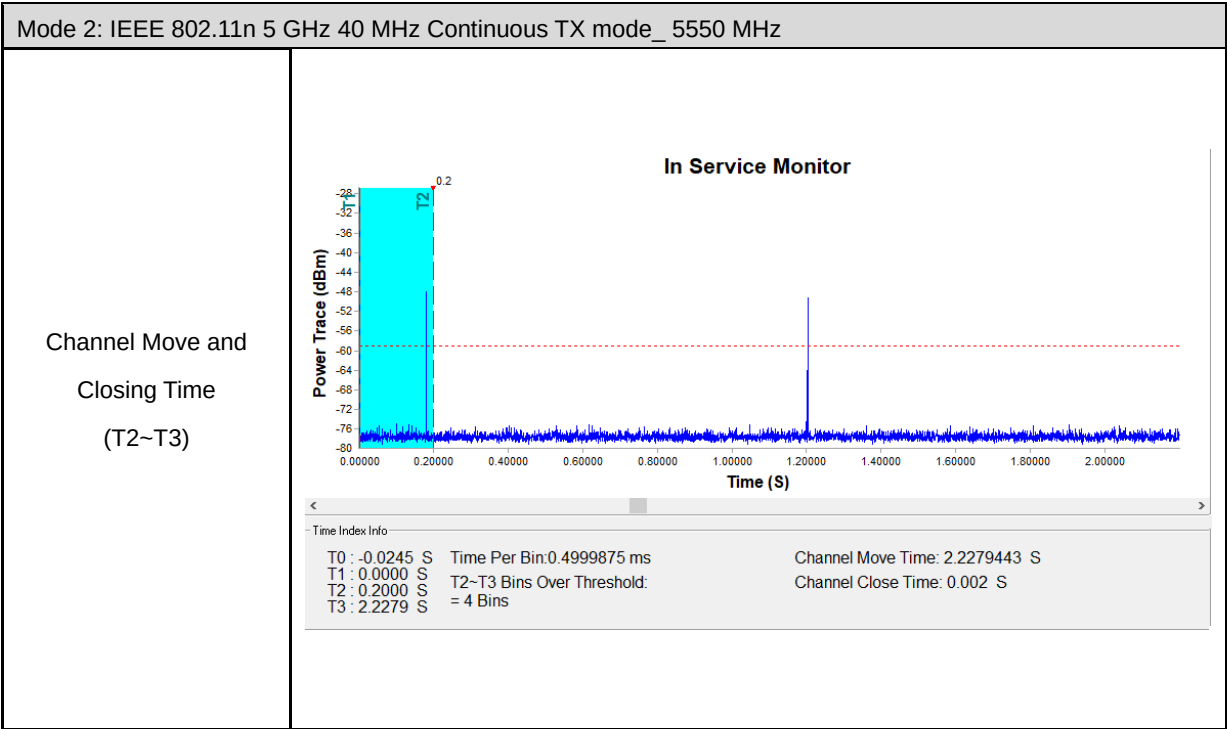
Results

Frequency (MHz)	Radar Type	Channel Move Time (sec)	Limit (sec)
5550	Type 0	2.2279	10

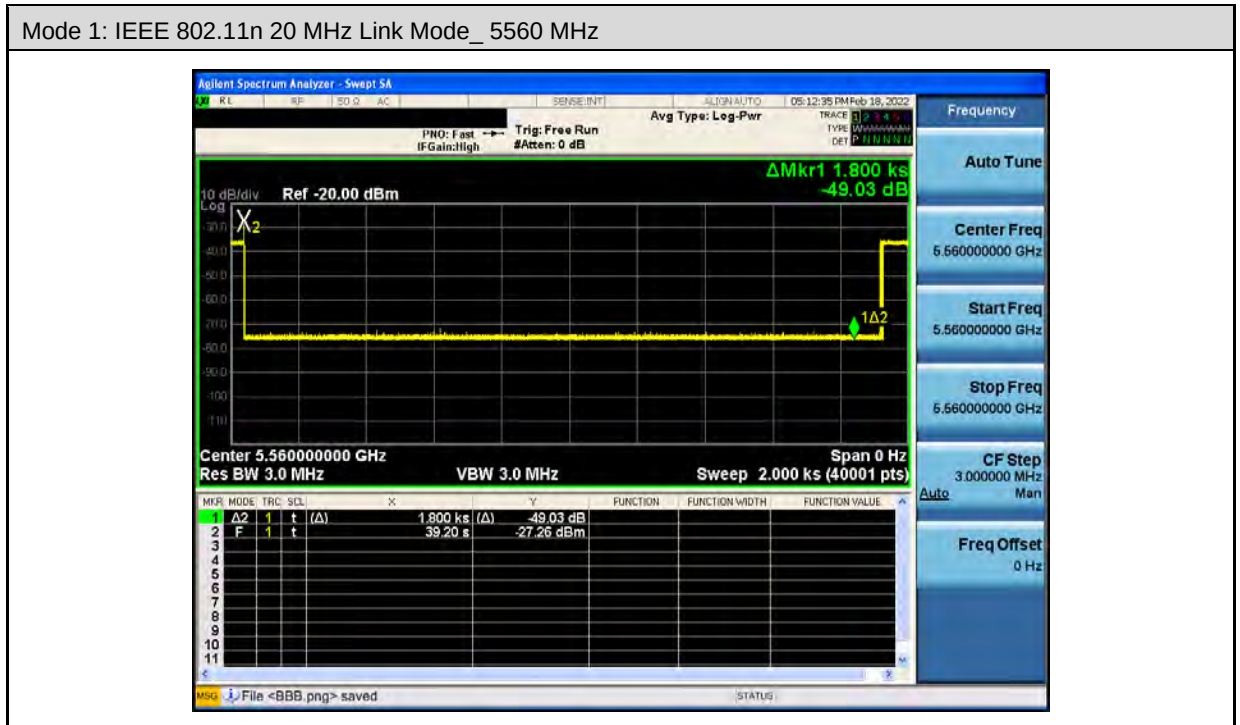
Frequency (MHz)	Radar Type	Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
5550	Type 0	2.0000	60







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

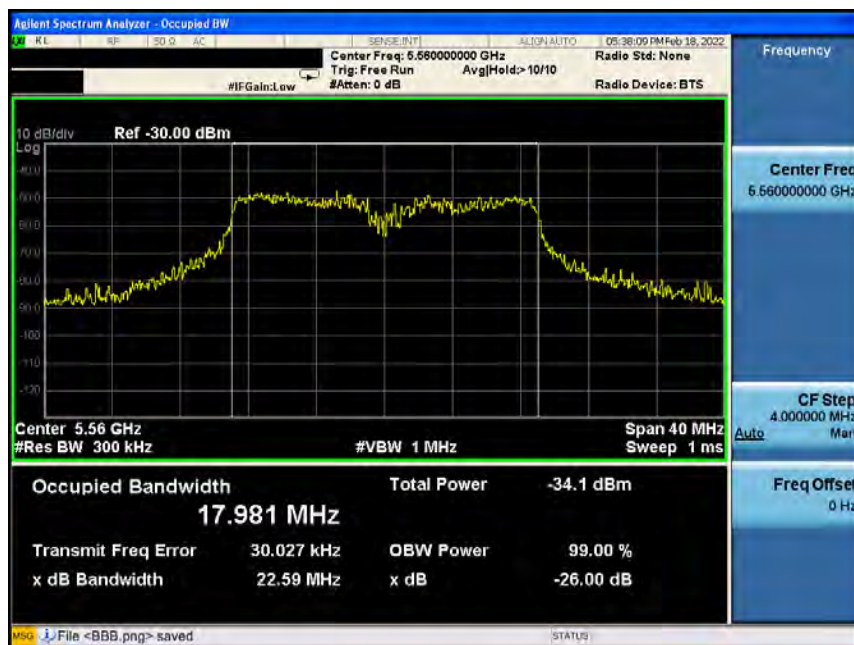
■ Test Results

Test Mode	Mode 1: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode					
Frequency (MHz)	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99 % Power Bandwidth (MHz)	Ratio of Detection BW to 99 % Power BW (%)	Minimum Limit (%)
5560	5551	5569	18	17.981	100.11	≥ 100

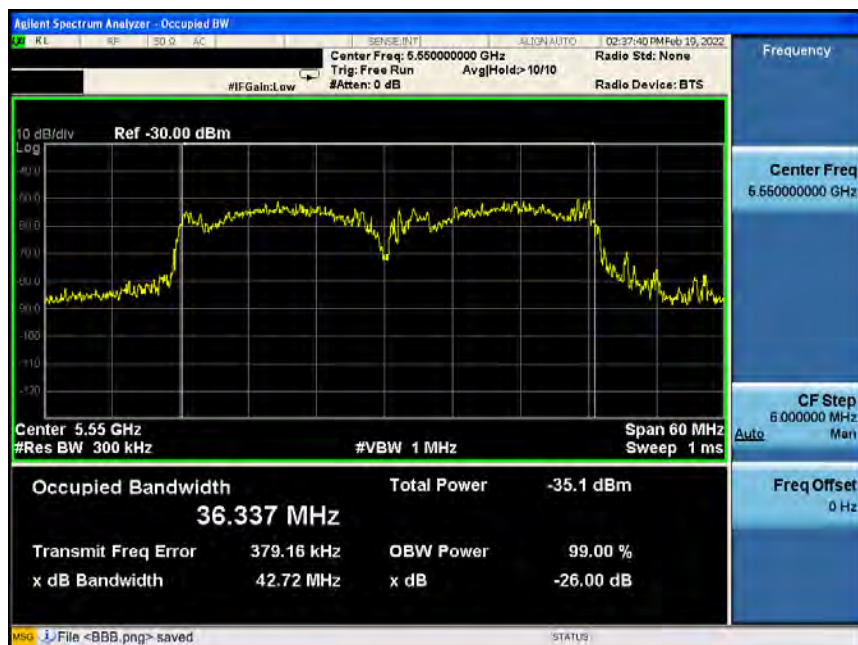
Test Mode	Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode					
Frequency (MHz)	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99 % Power Bandwidth (MHz)	Ratio of Detection BW to 99 % Power BW (%)	Minimum Limit (%)
5550	5531	5569	38	36.337	104.58	≥ 100

■ Test Graphs

Mode 1: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ 5560 MHz



Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ 5550 MHz



5.7. Statistical Performance check

■ Test Results

Test Mode		Mode 1: IEEE 802.11n 5 GHz 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	30	0	100.00%	≥ 60 %
	Type2	Random	Random	25	5	83.33%	≥ 60 %
	Type3	Random	Random	29	1	96.67%	≥ 60 %
	Type4	Random	Random	30	0	100.00%	≥ 60 %
	Type1~4					95.00%	≥ 80 %
	Type5	Random	Random	30	0	100.00%	≥ 80 %
	Type6	Hopping	1	30	0	100.00%	≥ 70 %

Test Mode		Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode					
Frequency (MHz)	Radar Signal	PRI (Msec)	Pulse width W (μs)	Pass Times	Fail Times	Probability	Limit
5550	Type1	Table 5a	1	29	1	96.67%	≥ 60 %
	Type2	Random	Random	26	4	86.67%	≥ 60 %
	Type3	Random	Random	29	1	96.67%	≥ 60 %
	Type4	Random	Random	28	2	93.33%	≥ 60 %
	Type1~4					93.33%	≥ 80 %
	Type5	Random	Random	30	0	100.00%	≥ 80 %
	Type6	Hopping	1	30	0	100.00%	≥ 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	758	70	1319	1
2	5560	1	618	86	1618	1
3	5560	1	518	102	1931	1
4	5560	1	878	61	1139	1
5	5560	1	638	83	1567	1
6	5560	1	818	65	1222	1
7	5560	1	738	72	1355	1
8	5560	1	898	59	1114	1
9	5560	1	798	67	1253	1
10	5560	1	778	68	1285	1
11	5560	1	738	72	1355	1
12	5560	1	818	65	1222	1
13	5560	1	938	57	1066	1
14	5560	1	538	99	1859	1
15	5560	1	798	67	1253	1
16	5560	1	2605	21	384	1
17	5560	1	850	63	1176	1
18	5560	1	932	57	1073	1
19	5560	1	2798	19	357	1
20	5560	1	1914	28	522	1
21	5560	1	2277	24	439	1
22	5560	1	1628	33	614	1
23	5560	1	1633	33	612	1
24	5560	1	2089	26	479	1
25	5560	1	960	55	1042	1
26	5560	1	2118	25	472	1
27	5560	1	1819	30	550	1
28	5560	1	1276	42	784	1
29	5560	1	2597	21	385	1
30	5560	1	2476	22	404	1
Detection Percentage (%)						100.00

Test Mode	Mode 1					
Frequency	5560 MHz					
Radar Signal	Type 2					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5560	1.70	163.20	23	6127	1
2	5560	4.00	199.90	27	5003	1
3	5560	2.30	216.90	23	4610	1
4	5560	3.70	198.20	24	5045	1
5	5560	1.30	184.60	29	5417	0
6	5560	1.70	165.70	24	6035	1
7	5560	1.60	195.30	29	5120	1
8	5560	3.20	225.30	25	4439	1
9	5560	2.00	156.00	24	6410	1
10	5560	3.10	163.50	23	6116	1
11	5560	4.00	216.60	28	4617	1
12	5560	1.40	186.40	24	5365	1
13	5560	3.70	167.50	24	5970	1
14	5560	3.30	210.70	27	4746	1
15	5560	4.30	166.90	28	5992	1
16	5560	2.30	220.90	26	4527	0
17	5560	1.70	165.00	29	6061	0
18	5560	1.10	153.90	25	6498	0
19	5560	2.90	227.10	24	4403	1
20	5560	2.70	221.10	23	4523	1
21	5560	3.70	221.30	25	4519	1
22	5560	4.80	192.30	28	5200	1
23	5560	4.80	189.20	27	5285	1
24	5560	1.50	166.00	23	6024	0
25	5560	2.20	182.10	24	5491	1
26	5560	4.20	226.20	29	4421	1
27	5560	4.60	164.10	25	6094	1
28	5560	4.20	152.40	23	6562	1
29	5560	2.30	219.10	29	4564	1
30	5560	3.00	218.80	24	4570	1
Detection Percentage (%)						83.33

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	7.70	219.90	16	4547.52	1
2	5560	6.50	283.00	18	3533.57	1
3	5560	9.90	438.40	18	2281.02	1
4	5560	7.00	443.80	17	2253.27	1
5	5560	9.90	498.50	16	2006.02	1
6	5560	8.00	233.10	17	4290.00	1
7	5560	6.40	241.60	18	4139.07	1
8	5560	9.30	394.70	16	2533.57	1
9	5560	6.40	475.10	16	2104.82	1
10	5560	7.20	416.70	17	2399.81	1
11	5560	7.10	499.30	18	2002.80	1
12	5560	8.90	234.70	18	4260.76	1
13	5560	9.10	300.70	17	3325.57	1
14	5560	9.90	447.00	16	2237.14	0
15	5560	7.30	292.40	18	3419.97	1
16	5560	8.30	277.90	17	3598.42	1
17	5560	7.40	300.80	16	3324.47	1
18	5560	6.90	479.90	18	2083.77	1
19	5560	9.50	425.90	18	2347.97	1
20	5560	7.50	299.90	16	3334.44	1
21	5560	8.40	226.10	17	4422.82	1
22	5560	8.60	434.80	16	2299.91	1
23	5560	8.70	295.50	16	3384.09	1
24	5560	7.30	350.00	18	2857.14	1
25	5560	8.10	236.40	16	4230.12	1
26	5560	6.10	275.90	17	3624.50	1
27	5560	10.00	404.70	17	2470.97	1
28	5560	7.90	240.50	17	4158.00	1
29	5560	9.60	482.60	16	2072.11	1
30	5560	7.70	329.20	18	3037.67	1
Detection Percentage (%)						96.67

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	11.30	270.80	14	3693	1
2	5560	17.90	277.60	12	3602	1
3	5560	17.20	210.70	14	4746	1
4	5560	18.90	427.10	14	2341	1
5	5560	20.00	362.60	15	2758	1
6	5560	16.30	317.40	14	3151	1
7	5560	15.70	294.60	13	3394	1
8	5560	17.80	475.30	13	2104	1
9	5560	12.10	396.50	14	2522	1
10	5560	18.10	304.50	15	3284	1
11	5560	12.30	434.90	12	2299	1
12	5560	11.30	479.30	16	2086	1
13	5560	13.00	327.40	14	3054	1
14	5560	19.50	463.30	16	2158	1
15	5560	16.10	341.90	14	2925	1
16	5560	14.50	460.70	15	2171	1
17	5560	11.90	399.60	12	2503	1
18	5560	13.50	441.30	16	2266	1
19	5560	16.60	330.70	15	3024	1
20	5560	18.80	432.60	13	2312	1
21	5560	17.20	385.50	16	2594	1
22	5560	18.60	474.40	14	2108	1
23	5560	16.60	374.70	12	2669	1
24	5560	16.90	238.00	16	4202	1
25	5560	15.20	435.20	12	2298	1
26	5560	18.60	236.60	14	4227	1
27	5560	11.20	416.60	15	2400	1
28	5560	16.50	240.40	13	4160	1
29	5560	13.40	216.80	12	4613	1
30	5560	15.60	285.60	15	3501	1
Detection Percentage (%)						100.00

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	82.1	8	1079.2	1	1
	5557	2	60.0	14	1918.4	1	
	5554	3	57.4	8	1920.9	3	
	5557	4	57.1	16	1161.2	1	
	5557	5	60.6	16	1109.2	3	
	5559	6	84.1	19	1392.3	2	
	5553	7	67.0	6	1179.8	3	
	5553	8	67.0	5	1687.6	2	
	5556	9	60.1	13	1019.9	2	
	5556	10	57.8	13	1798.6	3	
	5556	11	76.3	12	1268.7	1	
2	5553	1	91.8	5	1523.7	2	1
	5557	2	98.6	16	1512.1	3	
	5554	3	93.6	7	1377.8	3	
	5557	4	64.8	16	1249.4	2	
	5553	5	59.4	6	1593.6	2	
	5557	6	78.9	15	1855.2	1	
	5553	7	93.1	6	1527.1	2	
	5557	8	86.8	14	1282.7	1	
	5555	9	51.0	11	1148.4	2	
	5555	10	79.2	10	1908.3	3	
	5556	11	63.1	13	1523.8	3	
	5558	12	98.8	17	1574.5	1	
3	5555	1	80.6	10	1459.1	2	1
	5556	2	96.1	13	1252.8	2	
	5557	3	100.0	16	1506.9	3	
	5554	4	89.4	8	1654.6	3	
	5554	5	98.1	7	1921.1	3	
	5557	6	79.9	16	1944.5	3	
	5556	7	73.3	13	1153.2	2	
	5558	8	92.0	18	1460.9	3	
	5555	9	98.4	11	1639.4	2	
	5558	10	69.7	17	1104.2	1	
	5559	11	76.3	20	1028.1	2	
	5558	12	61.0	18	1986.5	1	
	5557	13	71.6	15	1069.1	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
4	5559	1	74.4	19	1797.3	1	1
	5558	2	59.1	17	1445.0	1	
	5553	3	74.5	6	1516.0	3	
	5558	4	97.3	17	1173.8	3	
	5555	5	58.6	10	1186.6	2	
	5556	6	82.0	13	1947.5	1	
	5559	7	90.4	19	1600.2	2	
	5553	8	84.9	6	1712.3	2	
	5555	9	50.2	9	1491.1	3	
5	5555	1	88.2	10	1890.1	2	1
	5556	2	59.0	12	1809.7	3	
	5553	3	68.9	5	1767.4	1	
	5559	4	51.6	19	1588.2	3	
	5555	5	66.6	9	1316.0	3	
	5556	6	89.9	12	1048.2	2	
	5558	7	89.6	18	1619.1	1	
	5555	8	98.6	11	1207.3	3	
	5557	9	58.2	15	1069.5	1	
	5557	10	95.5	14	1886.8	3	
	5555	11	94.8	11	1146.5	1	
	5557	12	60.5	14	1977.5	3	
	5556	13	89.6	12	1539.4	2	
	5559	14	94.3	19	1251.9	1	
	5559	15	53.0	19	1032.9	3	
6	5553	1	90.7	6	1320.7	2	1
	5553	2	71.7	6	1145.3	2	
	5555	3	85.2	11	1712.8	2	
	5554	4	66.1	7	1248.9	3	
	5555	5	51.9	10	1691.5	3	
	5556	6	80.2	13	1001.3	1	
	5555	7	63.9	9	1405.8	3	
	5556	8	73.6	13	1889.6	3	
	5557	9	74.5	16	1391.3	1	
	5553	10	91.9	6	1180.9	2	
	5556	11	58.1	13	1278.3	2	
	5555	12	83.7	11	1174.8	2	
	5559	13	50.7	19	1932.9	3	
	5554	14	72.3	7	1060.6	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
7	5557	1	62.1	15	1431.3	2	1
	5554	2	59.1	8	1233.7	1	
	5555	3	58.6	9	1904.6	2	
	5555	4	97.4	11	1895.0	2	
	5557	5	67.3	14	1384.0	3	
	5555	6	55.5	11	1441.5	2	
	5555	7	84.9	11	1625.9	2	
	5558	8	88.3	18	1284.1	3	
	5558	9	73.1	18	1746.9	1	
	5553	10	71.9	6	1324.6	3	
	5554	11	71.9	7	1148.0	2	
	5554	12	83.2	8	1877.8	3	
	5556	13	88.7	13	1212.0	2	
	5553	14	67.2	6	1243.5	3	
	5555	15	70.0	9	1004.2	1	
	5557	16	88.3	14	1807.2	3	
	5554	17	72.8	8	1403.6	1	
8	5553	1	58.3	5	1495.1	2	1
	5558	2	97.4	18	1659.8	3	
	5554	3	76.7	7	1346.2	3	
	5557	4	50.4	16	1325.3	3	
	5558	5	56.6	17	1709.4	2	
	5555	6	91.5	11	1725.0	1	
	5556	7	53.6	13	1938.1	2	
	5555	8	59.7	9	1953.1	3	
	5558	9	96.2	18	1562.4	2	
	5558	10	61.5	18	1029.4	2	
	5557	11	71.2	15	1217.9	3	
	5553	12	96.4	5	1536.1	1	
	5555	13	92.6	10	1699.6	1	
	5553	14	90.1	6	1400.2	3	
	5555	15	60.1	11	1424.4	2	
	5557	16	97.2	14	1814.9	2	
	5555	17	81.1	11	1817.0	1	
	5555	18	89.1	11	1247.2	1	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
9	5559	1	59.8	19	1861.1	1	1
	5556	2	70.1	12	1576.8	1	
	5559	3	90.0	19	1392.0	2	
	5557	4	64.2	14	1866.2	2	
	5556	5	76.0	13	1981.9	3	
	5556	6	56.4	13	1215.0	1	
	5553	7	93.6	6	1755.5	3	
	5555	8	60.8	10	1920.9	3	
	5554	9	82.6	8	1492.9	2	
	5555	10	73.4	10	1296.0	3	
	5553	11	88.5	5	1881.0	2	
	5556	12	68.8	12	1326.9	2	
	5557	13	92.8	16	1070.1	1	
	5557	14	88.5	14	1268.1	3	
	5556	15	78.4	12	1185.8	3	
	5553	16	95.0	6	1206.8	2	
	5555	17	98.4	9	1171.2	1	
	5554	18	69.3	8	1710.2	3	
	5554	19	89.4	8	1491.5	3	
10	5557	1	76.3	16	1551.4	1	1
	5554	2	95.6	8	1551.8	2	
	5558	3	99.4	18	1740.8	3	
	5555	4	74.7	10	1507.6	2	
	5554	5	73.6	7	1560.4	1	
	5554	6	90.1	7	1520.8	1	
	5557	7	61.2	14	1313.5	3	
	5554	8	93.6	8	1534.7	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
11	5560	1	64.8	6	1208.8	1	1
	5560	2	65.7	6	1988.1	3	
	5560	3	97.8	11	1490.3	3	
	5560	4	54.9	18	1387.3	1	
	5560	5	73.9	19	1298.9	3	
	5560	6	82.3	8	1036.4	2	
	5560	7	92.6	17	1656.8	3	
	5560	8	76.2	16	1385.8	3	
	5560	9	95.0	14	1548.1	1	
	5560	10	58.2	9	1379.6	1	
	5560	11	60.7	6	1414.6	3	
	5560	12	62.5	13	1080.8	3	
	5560	13	63.0	7	1169.1	3	
	5560	14	92.4	9	1658.4	3	
	5560	15	63.2	16	1629.7	2	
	5560	16	53.6	7	1884.1	3	
12	5560	1	98.2	9	1269.8	3	1
	5560	2	72.4	20	1707.2	1	
	5560	3	78.9	19	1981.0	1	
	5560	4	77.8	15	1715.7	2	
	5560	5	53.3	8	1679.0	2	
	5560	6	68.1	18	1399.5	1	
	5560	7	83.5	15	1847.9	1	
	5560	8	80.5	16	1135.3	1	
	5560	9	54.7	19	1475.8	1	
	5560	10	61.2	15	1186.1	3	
	5560	11	58.7	16	1879.4	1	
	5560	12	86.4	6	1175.7	2	
	5560	13	60.0	13	1151.3	3	
	5560	14	65.0	14	1770.1	2	
	5560	15	85.3	12	1062.4	1	
	5560	16	72.0	19	1276.0	3	
	5560	17	94.6	15	1068.0	3	
	5560	18	99.6	9	1106.4	1	
	5560	19	70.0	8	1177.9	1	
	5560	20	75.6	15	1553.9	1	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
13	5560	1	91.4	10	1768.9	3	1
	5560	2	87.0	16	1513.5	3	
	5560	3	78.5	18	1605.4	2	
	5560	4	60.1	19	1686.5	2	
	5560	5	72.6	18	1287.9	2	
	5560	6	82.1	13	1782.0	1	
	5560	7	88.7	8	1536.2	2	
	5560	8	61.9	7	1121.8	2	
	5560	9	67.2	20	1929.2	1	
	5560	10	69.7	9	1421.9	3	
14	5560	1	63.6	11	1777.3	2	1
	5560	2	88.8	15	1654.4	2	
	5560	3	84.1	17	1988.1	3	
	5560	4	54.7	9	1620.8	1	
	5560	5	63.2	14	1769.2	3	
	5560	6	88.4	17	1664.8	3	
	5560	7	79.1	9	1130.2	2	
	5560	8	80.1	6	1206.2	1	
	5560	9	60.6	20	1901.1	2	
	5560	10	96.6	9	1892.4	1	
	5560	11	96.6	15	1760.5	2	
	5560	12	95.6	18	1326.4	2	
	5560	13	68.8	18	1029.9	2	
	5560	14	76.0	7	1101.0	1	
	5560	15	74.8	20	1789.4	3	
	5560	16	93.3	8	1839.3	2	
	5560	17	50.7	13	1818.8	2	
	5560	18	93.9	19	1449.9	3	
	5560	19	78.4	12	1346.4	1	
	5560	20	86.9	15	1485.9	1	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
15	5560	1	97.9	11	1460.5	3	1
	5560	2	88.6	8	1669.3	1	
	5560	3	60.1	16	1894.1	3	
	5560	4	51.0	16	1848.9	1	
	5560	5	67.0	19	1500.3	3	
	5560	6	96.2	13	1847.7	2	
	5560	7	51.1	17	1598.1	1	
	5560	8	98.0	8	1470.7	2	
	5560	9	79.9	13	1779.2	2	
	5560	10	57.2	18	1753.2	3	
	5560	11	73.8	19	1441.4	2	
	5560	12	83.1	12	1719.7	3	
	5560	13	50.7	14	1308.5	1	
	5560	14	61.3	10	1405.6	2	
	5560	15	90.8	5	1296.2	1	
	5560	16	87.4	11	1694.9	3	
	5560	17	53.2	20	1084.2	3	
	5560	18	60.7	17	1458.5	1	
	5560	19	58.1	17	1433.2	1	
16	5560	1	64.0	8	1552.3	1	1
	5560	2	82.8	19	1737.8	1	
	5560	3	60.7	13	1673.0	2	
	5560	4	93.3	8	1334.4	3	
	5560	5	99.8	20	1007.4	2	
	5560	6	82.6	20	1578.8	3	
	5560	7	82.9	8	1089.7	1	
	5560	8	92.9	13	1511.7	2	
	5560	9	92.6	6	1153.3	2	
	5560	10	55.3	9	1710.2	2	
	5560	11	88.1	19	1511.6	1	
	5560	12	71.8	17	1702.7	1	
	5560	13	97.5	17	1557.4	3	
	5560	14	99.4	20	1711.6	3	
	5560	15	52.0	19	1807.5	3	
	5560	16	87.5	5	1072.7	3	
	5560	17	58.9	16	1680.2	2	
	5560	18	91.3	18	1602.1	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	60.7	11	1120.6	3	1
	5560	2	89.5	13	1157.1	2	
	5560	3	89.2	6	1466.5	1	
	5560	4	50.5	18	1603.3	2	
	5560	5	92.6	8	1987.5	1	
	5560	6	86.8	13	1800.3	2	
	5560	7	58.6	9	1254.3	3	
	5560	8	95.6	15	1492.3	3	
	5560	9	70.5	6	1415.7	3	
	5560	10	69.0	7	1785.8	2	
	5560	11	73.9	18	1126.1	1	
	5560	12	85.2	18	1566.2	3	
	5560	13	70.8	19	1909.3	2	
	5560	14	58.4	14	1133.6	1	
	5560	15	71.0	19	1316.1	1	
	5560	16	77.3	8	1180.3	1	
	5560	17	92.7	18	1447.1	1	
18	5560	1	56.1	20	1531.4	3	1
	5560	2	60.8	7	1069.3	3	
	5560	3	79.4	16	1175.9	3	
	5560	4	91.0	14	1507.1	1	
	5560	5	87.6	11	1385.5	3	
	5560	6	85.5	8	1879.9	1	
	5560	7	59.4	17	1279.6	3	
	5560	8	93.5	11	1871.0	2	
	5560	9	69.6	19	1937.5	2	
	5560	10	68.1	17	1688.0	1	
	5560	11	59.7	14	1318.1	1	
	5560	12	94.3	11	1530.2	3	
	5560	13	69.9	11	1884.8	1	
	5560	14	80.8	6	1807.7	1	
	5560	15	78.6	12	1194.8	1	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
19	5560	1	97.6	19	1925.6	2	1
	5560	2	88.4	11	1839.2	2	
	5560	3	87.9	8	1699.4	3	
	5560	4	78.5	17	1195.7	1	
	5560	5	53.8	17	1981.1	1	
	5560	6	83.2	13	1157.0	3	
	5560	7	67.7	11	1138.5	1	
	5560	8	74.5	9	1102.4	2	
	5560	9	52.3	19	1883.7	1	
	5560	10	75.7	15	1235.1	1	
	5560	11	66.6	6	1042.7	3	
	5560	12	61.6	17	1908.6	3	
	5560	13	53.3	7	1044.5	3	
	5560	14	80.2	17	1248.7	2	
20	5560	1	97.5	18	1872.1	1	1
	5560	2	51.6	10	1141.8	3	
	5560	3	75.2	18	1285.0	1	
	5560	4	62.7	9	1897.9	2	
	5560	5	73.1	16	1580.4	1	
	5560	6	67.0	11	1269.4	1	
	5560	7	96.3	10	1843.1	1	
	5560	8	76.0	17	1563.1	2	
	5560	9	59.1	9	1887.8	3	
	5560	10	75.2	18	1736.5	2	
21	5566	1	67.9	8	1222.3	2	1
	5563	2	74.0	15	1624.4	3	
	5562	3	67.4	18	1032.2	2	
	5563	4	86.3	15	1696.7	2	
	5561	5	61.9	19	1666.7	1	
	5565	6	66.6	9	1835.7	3	
	5563	7	84.6	14	1427.5	1	
	5562	8	89.4	17	1217.7	2	
	5562	9	73.9	17	1622.8	3	
	5566	10	92.5	7	1434.5	1	
	5565	11	91.5	11	1569.9	1	
	5565	12	54.4	11	1369.3	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
22	5565	1	69.6	9	1851.1	1	1
	5567	2	59.5	6	1825.7	2	
	5565	3	92.0	10	1972.0	1	
	5562	4	80.7	17	1540.5	1	
	5567	5	66.7	6	1244.2	1	
	5562	6	73.4	18	1458.2	3	
	5563	7	74.2	16	1412.0	2	
	5566	8	63.1	7	1611.1	3	
	5567	9	70.0	6	1286.7	3	
23	5561	1	70.3	19	1710.5	2	1
	5561	2	58.1	19	1222.6	1	
	5566	3	90.9	7	1459.7	3	
	5562	4	98.4	17	1187.0	3	
	5564	5	95.7	13	1826.3	2	
	5567	6	68.4	6	1865.4	3	
	5567	7	87.1	6	1483.2	3	
	5562	8	97.4	17	1669.1	1	
	5565	9	96.6	10	1706.5	2	
	5563	10	55.9	15	1190.5	2	
	5567	11	87.9	6	1501.4	3	
	5566	12	56.6	8	1693.3	3	
	5565	13	69.9	10	1763.3	3	
	5567	14	53.7	6	1850.2	2	
	5566	15	70.7	7	1000.7	1	
24	5563	1	80.3	15	1579.3	3	1
	5562	2	63.0	17	1367.4	3	
	5561	3	64.0	20	1787.6	2	
	5562	4	53.8	17	1239.9	2	
	5566	5	65.5	7	1425.1	2	
	5565	6	52.4	10	1566.2	3	
	5566	7	81.0	7	1478.6	2	
	5566	8	92.8	8	1720.4	3	
	5565	9	86.5	9	1756.4	2	
	5563	10	58.1	15	1686.7	2	
	5562	11	69.4	17	1581.5	2	
	5563	12	83.3	16	1733.1	3	
	5564	13	50.8	13	1876.1	3	
	5563	14	66.6	14	1256.3	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
25	5562	1	72.8	18	1792.1	1	1
	5561	2	80.9	19	1257.6	3	
	5564	3	95.9	13	1121.3	3	
	5565	4	71.3	9	1220.2	1	
	5567	5	65.7	5	1786.6	2	
	5567	6	85.3	5	1275.0	2	
	5565	7	97.0	11	1916.0	1	
	5564	8	51.0	13	1531.9	2	
	5563	9	94.7	16	1345.9	2	
	5564	10	78.1	12	1894.0	3	
	5564	11	62.8	13	1778.8	2	
	5562	12	54.7	18	1778.7	2	
	5562	13	56.6	18	1912.2	1	
	5564	14	51.2	13	1831.5	3	
	5563	15	77.2	14	1678.0	3	
	5562	16	94.6	17	1739.4	3	
	5567	17	96.2	6	1261.5	3	
	5563	18	81.4	15	1313.7	3	
26	5563	1	84.6	15	1476.7	3	1
	5566	2	83.7	7	1609.7	3	
	5566	3	92.1	8	1406.5	2	
	5565	4	75.1	11	1868.9	1	
	5562	5	93.9	18	1753.7	1	
	5565	6	54.2	10	1772.9	1	
	5561	7	92.7	19	1678.3	3	
	5561	8	72.1	20	1367.8	2	
	5567	9	87.6	6	1822.5	2	
	5566	10	64.6	7	1607.8	1	
	5562	11	71.8	18	1894.0	1	
	5566	12	82.3	7	1124.5	3	
	5566	13	70.1	8	1924.1	2	
	5563	14	55.0	16	1980.0	3	
	5562	15	88.7	17	1874.1	2	
	5566	16	75.9	7	1477.5	3	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
27	5566	1	75.3	8	1003.9	3	1
	5565	2	77.6	11	1253.2	3	
	5562	3	55.4	17	1678.8	3	
	5562	4	99.5	17	1179.8	3	
	5563	5	53.6	15	1757.5	3	
	5562	6	62.8	17	1417.6	2	
	5562	7	73.0	18	1610.9	3	
	5561	8	52.1	19	1457.5	1	
	5562	9	88.7	18	1085.5	2	
	5567	10	64.2	5	1370.3	1	
	5564	11	65.5	13	1164.6	1	
	5563	12	64.3	16	1091.2	3	
	5567	13	80.2	5	1284.2	1	
	5567	14	68.7	5	1461.7	1	
	5567	15	57.9	6	1321.2	3	
	5565	16	72.2	11	1535.1	2	
	5564	17	59.8	12	1807.7	3	
	5564	18	75.6	13	1761.5	2	
	5565	19	68.5	9	1641.6	2	
	5566	20	95.0	8	1137.7	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
28	5567	1	64.4	6	1279.1	2	1
	5564	2	55.4	12	1937.5	1	
	5564	3	75.4	12	1960.4	1	
	5563	4	89.7	16	1549.9	1	
	5565	5	82.4	9	1135.4	3	
	5565	6	94.2	9	1485.8	3	
	5564	7	93.4	12	1912.7	3	
	5561	8	61.9	19	1172.8	3	
	5563	9	56.8	15	1323.2	2	
	5565	10	71.7	10	1232.9	2	
	5565	11	85.2	10	1377.8	1	
	5565	12	94.6	11	1808.6	2	
	5562	13	51.9	17	1499.4	1	
	5564	14	86.7	13	1849.0	3	
	5564	15	85.0	13	1631.4	1	
	5566	16	80.2	7	1739.0	1	
	5567	17	52.8	6	1311.4	3	
	5565	18	88.2	10	1164.9	1	
	5563	19	92.5	15	1387.5	3	
	5564	20	81.2	13	1674.3	3	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
29	5566	1	63.7	7	1536.0	2	1
	5564	2	53.4	12	1765.9	1	
	5565	3	71.1	11	1292.0	1	
	5563	4	76.9	16	1316.3	2	
	5567	5	86.0	6	1532.5	2	
	5562	6	94.3	18	1457.8	3	
	5563	7	73.0	16	1465.8	1	
	5565	8	72.4	9	1351.0	3	
	5566	9	60.2	7	1251.8	1	
	5567	10	84.2	6	1342.9	3	
	5567	11	99.4	5	1243.5	2	
	5563	12	64.0	15	1542.6	3	
	5563	13	60.7	15	1699.9	2	
	5565	14	89.0	10	1798.5	1	
	5561	15	82.0	19	1331.0	3	
	5561	16	81.5	19	1886.4	3	
	5561	17	85.9	20	1701.8	3	
30	5564	1	71.4	13	1313.5	3	1
	5565	2	59.6	9	1574.3	2	
	5563	3	64.2	16	1460.9	1	
	5563	4	75.2	16	1211.2	1	
	5567	5	57.4	5	1366.5	2	
	5561	6	62.6	19	1573.4	2	
	5562	7	63.2	17	1008.7	1	
	5567	8	80.0	5	1961.5	1	
	5563	9	63.1	15	1504.4	2	
	5567	10	62.0	5	1034.9	2	
	5565	11	100.0	10	1616.9	1	
	5564	12	62.1	13	1830.2	2	
	5566	13	59.3	8	1911.1	3	
	5562	14	68.9	17	1890.9	1	
Detection Percentage (%)							100.00

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	1
10	1	333	9	0.333	300	1
11	1	333	9	0.333	300	1
12	1	333	9	0.333	300	1
13	1	333	9	0.333	300	1
14	1	333	9	0.333	300	1
15	1	333	9	0.333	300	1
16	1	333	9	0.333	300	1
17	1	333	9	0.333	300	1
18	1	333	9	0.333	300	1
19	1	333	9	0.333	300	1
20	1	333	9	0.333	300	1
21	1	333	9	0.333	300	1
22	1	333	9	0.333	300	1
23	1	333	9	0.333	300	1
24	1	333	9	0.333	300	1
25	1	333	9	0.333	300	1
26	1	333	9	0.333	300	1
27	1	333	9	0.333	300	1
28	1	333	9	0.333	300	1
29	1	333	9	0.333	300	1
30	1	333	9	0.333	300	1
Detection Percentage (%)						100.00

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	858	62	1166	1
2	5550	1	638	83	1567	1
3	5550	1	618	86	1618	1
4	5550	1	678	78	1475	1
5	5550	1	698	76	1433	1
6	5550	1	858	62	1166	1
7	5550	1	898	59	1114	1
8	5550	1	818	65	1222	1
9	5550	1	878	61	1139	1
10	5550	1	658	81	1520	1
11	5550	1	738	72	1355	1
12	5550	1	558	95	1792	1
13	5550	1	798	67	1253	1
14	5550	1	938	57	1066	1
15	5550	1	758	70	1319	1
16	5550	1	978	54	1022	1
17	5550	1	2037	26	491	1
18	5550	1	2251	24	444	1
19	5550	1	2040	26	490	1
20	5550	1	2074	26	482	0
21	5550	1	2768	20	361	1
22	5550	1	1840	29	543	1
23	5550	1	1883	29	531	1
24	5550	1	2768	20	361	1
25	5550	1	2299	23	435	1
26	5550	1	1236	43	809	1
27	5550	1	2779	19	360	1
28	5550	1	2527	21	396	1
29	5550	1	914	58	1094	1
30	5550	1	1968	27	508	1
Detection Percentage (%)						96.67

Test Mode		Mode 2				
Frequency		5550 MHz				
Radar Signal		Type 2				
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5550	2.50	162.70	27	6146	1
2	5550	4.00	156.10	25	6406	1
3	5550	4.20	200.40	25	4990	1
4	5550	2.60	172.40	23	5800	1
5	5550	1.10	174.90	25	5718	1
6	5550	2.60	153.90	26	6498	1
7	5550	4.20	150.90	29	6627	1
8	5550	1.30	155.90	25	6414	1
9	5550	4.10	179.80	27	5562	1
10	5550	1.20	209.60	24	4771	1
11	5550	1.90	188.40	28	5308	1
12	5550	1.70	205.20	24	4873	1
13	5550	4.70	203.00	29	4926	1
14	5550	5.00	165.50	26	6042	1
15	5550	1.20	185.60	29	5388	1
16	5550	1.90	189.20	25	5285	0
17	5550	2.30	173.00	26	5780	1
18	5550	4.90	186.90	28	5350	0
19	5550	4.70	219.50	27	4556	1
20	5550	1.60	192.00	28	5208	0
21	5550	4.40	153.60	27	6510	1
22	5550	4.20	164.30	25	6086	1
23	5550	1.40	152.30	23	6566	1
24	5550	1.30	166.80	25	5995	1
25	5550	2.70	163.20	24	6127	1
26	5550	3.80	226.80	24	4409	1
27	5550	4.10	173.00	26	5780	1
28	5550	4.00	221.80	28	4509	0
29	5550	3.80	212.20	27	4713	1
30	5550	2.60	166.20	25	6017	1
Detection Percentage (%)						86.67

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	9.90	274.20	17	3646.97	1
2	5550	10.00	313.90	17	3185.73	1
3	5550	9.30	452.70	17	2208.97	1
4	5550	9.50	445.90	16	2242.66	1
5	5550	6.80	318.70	18	3137.75	1
6	5550	6.80	460.30	18	2172.50	1
7	5550	9.70	436.80	16	2289.38	1
8	5550	9.70	209.80	18	4766.44	1
9	5550	9.20	445.10	17	2246.69	1
10	5550	7.00	445.60	18	2244.17	1
11	5550	9.90	457.60	16	2185.31	1
12	5550	8.90	369.60	16	2705.63	1
13	5550	7.70	422.40	16	2367.42	1
14	5550	6.30	482.80	16	2071.25	1
15	5550	8.80	396.90	18	2519.53	1
16	5550	8.70	223.20	18	4480.29	1
17	5550	7.50	248.30	17	4027.39	1
18	5550	6.90	404.30	16	2473.41	1
19	5550	8.50	224.50	16	4454.34	1
20	5550	8.10	227.80	17	4389.82	1
21	5550	9.00	285.80	16	3498.95	1
22	5550	9.00	315.30	17	3171.58	1
23	5550	6.40	294.40	16	3396.74	1
24	5550	9.90	213.20	16	4690.43	1
25	5550	7.60	263.50	16	3795.07	1
26	5550	9.90	377.20	16	2651.11	1
27	5550	9.80	362.50	17	2758.62	0
28	5550	8.70	231.20	18	4325.26	1
29	5550	8.90	300.70	16	3325.57	1
30	5550	9.80	490.90	18	2037.07	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	301.40	15	3318	1
2	5550	14.30	400.10	12	2499	1
3	5550	19.60	489.30	12	2044	1
4	5550	16.90	302.20	14	3309	1
5	5550	19.40	386.90	13	2585	1
6	5550	14.60	272.00	12	3676	1
7	5550	14.60	326.40	13	3064	1
8	5550	15.90	369.30	12	2708	1
9	5550	18.80	293.00	15	3413	1
10	5550	16.70	342.80	13	2917	0
11	5550	18.20	360.10	14	2777	1
12	5550	16.50	316.00	16	3165	1
13	5550	11.60	231.30	12	4323	1
14	5550	17.70	348.60	12	2869	1
15	5550	19.10	346.50	13	2886	1
16	5550	19.00	465.10	12	2150	1
17	5550	16.30	213.50	16	4684	1
18	5550	11.60	466.20	13	2145	1
19	5550	13.90	292.10	16	3423	1
20	5550	16.00	458.90	14	2179	1
21	5550	13.30	208.90	13	4787	1
22	5550	12.50	289.40	16	3455	1
23	5550	18.90	261.90	12	3818	1
24	5550	14.00	409.20	12	2444	1
25	5550	19.20	362.40	15	2759	1
26	5550	12.20	366.10	12	2731	1
27	5550	17.20	498.60	12	2006	1
28	5550	18.60	208.30	16	4801	1
29	5550	12.70	295.40	13	3385	0
30	5550	13.80	489.50	13	2043	1
Detection Percentage (%)						93.33

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	5537.5	1	58.5	14	1706.6	1	1
	5537.5	2	53.0	15	1865.2	1	
	5533.5	3	83.7	5	1162.2	2	
	5535.5	4	54.9	9	1575.9	3	
	5536.5	5	96.5	13	1525.1	1	
	5536.5	6	68.5	13	1791.4	2	
	5537.5	7	94.0	15	1603.8	2	
	5538.5	8	51.8	18	1484.3	2	
	5535.5	9	54.8	11	1462.2	3	
	5535.5	10	61.9	9	1190.3	1	
	5535.5	11	65.7	11	1320.0	2	
2	5537.5	1	83.8	16	1418.1	1	1
	5538.5	2	99.9	18	1758.4	3	
	5535.5	3	94.0	10	1682.4	2	
	5535.5	4	80.0	11	1157.5	3	
	5536.5	5	66.6	13	1538.1	2	
	5537.5	6	90.6	14	1088.8	1	
	5538.5	7	53.8	18	1227.5	3	
	5537.5	8	72.3	16	1962.2	2	
	5534.5	9	65.5	7	1271.3	2	
	5536.5	10	79.1	12	1610.9	1	
	5537.5	11	57.0	16	1275.9	2	
	5537.5	12	84.7	14	1019.0	1	
3	5537.5	1	58.9	14	1641.6	3	1
	5538.5	2	88.3	18	1753.4	2	
	5534.5	3	87.9	7	1280.7	1	
	5537.5	4	54.4	15	1298.1	3	
	5534.5	5	56.1	8	1574.0	2	
	5539.5	6	77.3	20	1456.1	3	
	5539.5	7	98.3	20	1646.9	2	
	5538.5	8	83.3	17	1443.7	3	
	5537.5	9	63.3	16	1184.4	1	
	5534.5	10	81.9	8	1062.2	2	
	5534.5	11	68.2	7	1460.2	3	
	5539.5	12	65.2	19	1937.1	2	
	5537.5	13	67.7	14	1390.6	3	

Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
4	5537.5	1	80.7	15	1616.5	3	1
	5538.5	2	93.7	17	1667.0	2	
	5534.5	3	82.8	7	1762.8	3	
	5539.5	4	55.7	19	1995.3	2	
	5533.5	5	90.1	6	1069.6	2	
	5535.5	6	82.3	9	1656.5	1	
	5538.5	7	74.4	18	1345.6	1	
	5534.5	8	78.5	8	1568.9	3	
	5539.5	9	85.9	19	1632.9	2	
5	5535.5	1	84.0	9	1424.4	1	1
	5537.5	2	90.4	14	1900.1	2	
	5536.5	3	82.5	13	1257.1	2	
	5535.5	4	90.2	11	1112.8	1	
	5538.5	5	64.6	18	1042.9	3	
	5537.5	6	52.0	16	1345.1	1	
	5536.5	7	70.3	12	1443.3	3	
	5537.5	8	54.5	15	1044.8	1	
	5537.5	9	84.8	14	1166.1	2	
	5534.5	10	78.8	7	1412.9	2	
	5538.5	11	69.4	17	1641.3	1	
	5536.5	12	58.7	13	1943.5	1	
	5536.5	13	88.0	13	1692.0	1	
	5539.5	14	83.6	20	1637.5	1	
	5537.5	15	81.0	15	1584.3	2	
6	5539.5	1	76.9	19	1063.7	3	1
	5539.5	2	80.5	19	1037.9	2	
	5536.5	3	64.0	12	1701.5	2	
	5537.5	4	81.5	15	1422.0	2	
	5535.5	5	64.2	10	1320.6	3	
	5533.5	6	73.5	5	1098.9	3	
	5538.5	7	87.2	17	1569.0	1	
	5533.5	8	50.0	6	1927.0	2	
	5537.5	9	75.9	15	1786.7	3	
	5537.5	10	81.2	16	1116.8	1	
	5537.5	11	99.1	15	1195.5	3	
	5537.5	12	52.4	16	1502.6	1	
	5536.5	13	89.3	13	1637.6	1	
	5534.5	14	63.4	7	1348.7	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
7	5537.5	1	62.9	16	1261.1	1	1
	5533.5	2	71.7	5	1672.8	3	
	5536.5	3	84.7	12	1783.7	3	
	5538.5	4	70.3	17	1067.9	1	
	5537.5	5	86.5	16	1398.6	2	
	5534.5	6	56.4	7	1608.1	2	
	5536.5	7	95.7	13	1823.6	1	
	5534.5	8	92.2	8	1775.8	2	
	5535.5	9	81.9	9	1329.1	2	
	5537.5	10	82.4	14	1782.2	2	
	5536.5	11	81.7	12	1190.0	2	
	5535.5	12	75.3	10	1786.5	1	
	5536.5	13	74.7	12	1368.0	1	
	5539.5	14	98.2	19	1012.7	3	
	5538.5	15	86.5	18	1164.5	3	
	5537.5	16	70.3	15	1893.6	2	
	5538.5	17	88.2	18	1929.6	1	
8	5537.5	1	92.5	16	1811.7	3	1
	5536.5	2	61.0	12	1197.6	3	
	5533.5	3	52.9	6	1313.8	3	
	5536.5	4	83.6	13	1947.0	3	
	5535.5	5	58.2	11	1476.7	2	
	5537.5	6	65.2	15	1258.6	3	
	5537.5	7	55.5	16	1114.2	2	
	5533.5	8	80.0	6	1565.0	3	
	5537.5	9	61.2	14	1832.5	3	
	5537.5	10	66.2	15	1192.6	2	
	5535.5	11	68.6	9	1112.5	3	
	5536.5	12	75.4	12	1269.2	3	
	5535.5	13	81.6	11	1899.5	2	
	5537.5	14	85.8	16	1176.2	2	
	5535.5	15	94.1	9	1242.0	2	
	5537.5	16	82.9	16	1408.8	1	
	5534.5	17	68.1	8	1928.3	1	
	5535.5	18	84.2	10	1882.9	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
9	5538.5	1	76.9	18	1542.2	1	1
	5533.5	2	88.6	6	1828.7	2	
	5537.5	3	64.5	15	1623.9	3	
	5535.5	4	57.2	10	1379.3	1	
	5535.5	5	92.7	10	1101.0	1	
	5539.5	6	57.6	20	1004.4	2	
	5536.5	7	67.2	13	1502.5	1	
	5537.5	8	78.8	15	1855.1	2	
	5537.5	9	64.7	16	1894.4	3	
	5538.5	10	72.8	18	1178.3	2	
	5534.5	11	96.3	7	1019.4	3	
	5534.5	12	72.7	8	1695.0	3	
	5537.5	13	80.1	15	1089.5	2	
	5538.5	14	79.7	17	1494.7	1	
	5539.5	15	67.1	20	1340.0	3	
	5534.5	16	60.5	8	1476.7	2	
	5534.5	17	91.6	8	1624.5	3	
	5533.5	18	85.9	6	1478.3	3	
	5534.5	19	63.5	7	1150.7	3	
10	5533.5	1	87.0	6	1698.3	1	1
	5534.5	2	87.8	7	1418.7	1	
	5535.5	3	61.9	11	1874.4	1	
	5537.5	4	73.5	16	1868.7	1	
	5534.5	5	79.7	7	1036.3	2	
	5538.5	6	81.2	17	1729.8	3	
	5535.5	7	93.5	10	1818.2	2	
	5535.5	8	88.1	10	1564.7	2	

Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
11	5550	1	55.6	14	1551.7	3	1
	5550	2	78.0	5	1741.0	3	
	5550	3	75.9	14	1865.3	2	
	5550	4	66.3	19	1882.2	2	
	5550	5	71.1	6	1477.4	1	
	5550	6	51.1	15	1497.6	3	
	5550	7	58.8	10	1088.1	1	
	5550	8	53.3	9	1663.8	2	
	5550	9	53.5	14	1631.8	1	
	5550	10	57.7	18	1738.3	3	
	5550	11	76.6	15	1980.8	2	
	5550	12	77.8	19	1816.4	2	
	5550	13	65.4	13	1640.2	1	
	5550	14	59.6	17	1038.8	2	
	5550	15	96.2	17	1526.6	2	
	5550	16	81.1	18	1596.6	3	
12	5550	1	87.3	18	1773.7	1	1
	5550	2	64.2	12	1402.8	1	
	5550	3	73.6	18	1119.3	3	
	5550	4	63.9	8	1779.9	3	
	5550	5	55.7	11	1505.0	3	
	5550	6	69.7	5	1167.2	2	
	5550	7	57.2	20	1258.8	2	
	5550	8	94.2	15	1335.7	2	
	5550	9	54.2	11	1718.2	2	
	5550	10	79.0	16	1441.3	2	
	5550	11	62.5	16	1283.6	3	
	5550	12	52.0	13	1329.0	3	
	5550	13	73.2	7	1852.2	3	
	5550	14	96.4	11	1603.5	3	
	5550	15	80.9	18	1356.0	2	
	5550	16	55.2	16	1838.7	3	
	5550	17	94.0	14	1936.9	3	
	5550	18	87.5	14	1544.8	1	
	5550	19	71.2	6	1893.4	2	
	5550	20	74.3	16	1635.2	2	

Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
13	5550	1	67.8	17	1662.0	2	1
	5550	2	82.1	14	1496.0	3	
	5550	3	68.2	11	1053.3	3	
	5550	4	94.8	17	1182.6	3	
	5550	5	58.5	12	1062.8	1	
	5550	6	77.0	9	1936.5	2	
	5550	7	88.3	13	1775.6	2	
	5550	8	69.5	17	1518.5	1	
	5550	9	62.1	5	1169.5	2	
	5550	10	61.2	9	1085.4	2	
14	5550	1	74.9	16	1511.6	3	1
	5550	2	91.2	14	1635.7	3	
	5550	3	96.1	17	1887.6	1	
	5550	4	96.2	16	1209.8	3	
	5550	5	94.9	17	1845.4	2	
	5550	6	68.3	8	1567.2	3	
	5550	7	91.0	19	1857.1	2	
	5550	8	78.7	16	1179.5	2	
	5550	9	78.8	8	1883.5	1	
	5550	10	64.0	14	1515.7	3	
	5550	11	58.0	13	1542.2	3	
	5550	12	92.5	10	1458.0	2	
	5550	13	98.3	13	1625.7	2	
	5550	14	57.5	15	1672.3	3	
	5550	15	74.3	16	1530.2	3	
	5550	16	98.3	9	1058.7	3	
	5550	17	58.8	15	1179.8	1	
	5550	18	73.2	11	1324.0	1	
	5550	19	99.9	6	1847.8	1	
	5550	20	95.5	15	1426.9	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
15	5550	1	93.0	7	1036.1	3	1
	5550	2	72.2	10	1096.4	3	
	5550	3	68.5	20	1383.7	1	
	5550	4	97.5	16	1971.5	1	
	5550	5	54.5	18	1237.5	2	
	5550	6	62.2	19	1447.6	2	
	5550	7	56.4	9	1972.8	3	
	5550	8	85.4	6	1284.6	2	
	5550	9	95.3	15	1571.3	2	
	5550	10	66.8	5	1448.3	3	
	5550	11	74.4	14	1729.9	3	
	5550	12	68.6	13	1536.2	3	
	5550	13	86.6	19	1895.9	2	
	5550	14	56.7	14	1189.9	1	
	5550	15	50.5	16	1444.8	2	
	5550	16	71.6	11	1552.6	1	
	5550	17	57.0	7	1854.6	2	
	5550	18	51.0	16	1582.3	3	
	5550	19	93.0	6	1151.5	3	
16	5550	1	75.6	11	1839.3	1	1
	5550	2	65.0	11	1958.8	1	
	5550	3	65.6	13	1651.4	1	
	5550	4	52.1	8	1809.8	2	
	5550	5	81.7	17	1774.7	2	
	5550	6	80.0	18	1384.5	1	
	5550	7	75.4	6	1364.6	3	
	5550	8	94.1	19	1166.1	3	
	5550	9	57.1	18	1997.5	3	
	5550	10	61.2	14	1601.6	1	
	5550	11	60.7	15	1671.9	2	
	5550	12	62.4	17	1997.9	3	
	5550	13	91.5	12	1242.1	3	
	5550	14	95.1	16	1134.3	2	
	5550	15	69.0	9	1750.3	1	
	5550	16	88.0	8	1066.7	3	
	5550	17	53.2	6	1480.2	1	
	5550	18	77.5	8	1654.6	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
17	5550	1	69.1	18	1144.9	3	1
	5550	2	74.8	6	1340.9	2	
	5550	3	53.0	10	1989.8	1	
	5550	4	73.7	15	1900.9	1	
	5550	5	73.4	15	1424.4	2	
	5550	6	69.3	10	1534.3	3	
	5550	7	87.8	7	1987.4	2	
	5550	8	67.0	15	1178.7	3	
	5550	9	95.2	10	1079.5	1	
	5550	10	77.6	10	1484.4	2	
	5550	11	56.6	16	1624.9	1	
	5550	12	95.0	6	1890.9	1	
	5550	13	70.9	12	1082.3	1	
	5550	14	99.4	8	1777.1	1	
	5550	15	57.9	14	1772.2	1	
	5550	16	67.4	18	1117.8	1	
	5550	17	78.6	19	1584.9	1	
18	5550	1	80.2	6	1250.5	1	1
	5550	2	92.7	15	1450.6	1	
	5550	3	88.3	6	1079.0	1	
	5550	4	52.1	9	1330.9	3	
	5550	5	54.3	15	1527.7	3	
	5550	6	57.9	8	1105.5	2	
	5550	7	81.0	10	1281.2	2	
	5550	8	66.2	5	1379.9	3	
	5550	9	83.4	18	1806.1	3	
	5550	10	51.7	5	1660.9	3	
	5550	11	83.2	6	1195.5	3	
	5550	12	79.2	20	1157.8	1	
	5550	13	84.7	14	1579.5	1	
	5550	14	99.0	10	1499.8	3	
	5550	15	92.9	11	1754.2	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
19	5550	1	61.6	6	1994.7	3	1
	5550	2	62.8	19	1361.8	1	
	5550	3	81.7	19	1929.1	3	
	5550	4	84.4	7	1569.1	1	
	5550	5	85.2	8	1036.6	1	
	5550	6	58.8	8	1879.2	2	
	5550	7	51.4	7	1184.9	2	
	5550	8	60.0	16	1844.4	2	
	5550	9	71.6	16	1677.5	1	
	5550	10	58.4	17	1710.0	3	
	5550	11	76.7	14	1439.2	2	
	5550	12	99.2	8	1814.9	1	
	5550	13	75.6	14	1564.9	2	
	5550	14	52.5	7	1508.4	3	
20	5550	1	60.9	15	1427.8	1	1
	5550	2	63.3	6	1487.4	2	
	5550	3	90.0	17	1206.4	2	
	5550	4	80.1	15	1073.9	3	
	5550	5	61.7	6	1740.7	3	
	5550	6	78.3	19	1471.5	2	
	5550	7	52.9	18	1280.3	2	
	5550	8	86.8	14	1753.8	1	
	5550	9	64.3	5	1811.9	2	
	5550	10	75.6	17	1675.9	2	
21	5564.5	1	50.8	9	1683.0	3	1
	5564.5	2	60.8	9	1170.5	1	
	5561.5	3	62.5	17	1409.0	2	
	5565.5	4	69.8	8	1145.2	3	
	5561.5	5	69.5	17	1162.0	3	
	5565.5	6	61.5	7	1626.8	2	
	5565.5	7	75.1	8	1513.0	2	
	5561.5	8	85.8	17	1369.8	3	
	5562.5	9	99.6	14	1322.1	3	
	5566.5	10	65.5	6	1706.6	2	
	5561.5	11	98.0	17	1483.0	3	
	5565.5	12	81.8	7	1002.0	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
22	5563.5	1	50.1	12	1509.0	2	1
	5562.5	2	94.0	15	1727.0	2	
	5561.5	3	79.9	17	1143.5	3	
	5561.5	4	70.6	18	1525.9	3	
	5562.5	5	78.3	16	1791.4	1	
	5564.5	6	74.5	10	1096.5	1	
	5563.5	7	81.6	13	1381.0	3	
	5564.5	8	61.3	10	1785.6	3	
	5563.5	9	73.7	13	1699.6	1	
23	5560.5	1	50.9	20	1251.2	3	1
	5565.5	2	85.8	8	1830.5	3	
	5562.5	3	81.9	14	1465.6	2	
	5561.5	4	66.9	17	1203.2	3	
	5564.5	5	52.7	11	1608.8	2	
	5562.5	6	87.4	15	1353.7	3	
	5561.5	7	84.9	18	1399.8	3	
	5561.5	8	91.4	17	1588.2	1	
	5565.5	9	62.2	7	1206.4	1	
	5562.5	10	85.8	15	1271.2	2	
	5564.5	11	96.0	10	1545.3	1	
	5564.5	12	70.9	9	1341.0	3	
	5562.5	13	58.7	15	1350.4	2	
	5565.5	14	77.8	8	1563.6	1	
	5564.5	15	76.0	10	1755.2	3	
24	5562.5	1	69.1	14	1270.4	2	1
	5560.5	2	86.1	19	1390.3	1	
	5563.5	3	91.2	13	1036.8	2	
	5561.5	4	69.4	18	1463.2	3	
	5560.5	5	79.9	19	1299.0	2	
	5561.5	6	54.0	18	1250.7	1	
	5563.5	7	63.7	13	1205.2	2	
	5562.5	8	50.1	15	1914.0	2	
	5565.5	9	56.8	8	1318.9	2	
	5565.5	10	99.3	7	1796.4	2	
	5561.5	11	58.7	17	1307.4	2	
	5562.5	12	97.6	16	1042.2	2	
	5564.5	13	99.3	10	1314.1	2	
	5563.5	14	77.7	12	1271.1	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
25	5564.5	1	68.0	9	1302.4	2	1
	5564.5	2	81.1	10	1660.7	3	
	5562.5	3	98.8	15	1330.6	1	
	5563.5	4	54.2	12	1660.4	1	
	5562.5	5	90.3	15	1919.7	1	
	5561.5	6	84.6	17	1279.7	1	
	5562.5	7	64.9	15	1394.3	1	
	5563.5	8	92.4	13	1650.4	3	
	5562.5	9	59.4	15	1507.8	3	
	5565.5	10	70.7	7	1100.1	1	
	5564.5	11	75.1	9	1404.0	3	
	5561.5	12	53.5	18	1994.4	3	
	5560.5	13	62.8	19	1528.4	3	
	5563.5	14	78.8	13	1739.2	1	
	5563.5	15	99.5	12	1385.4	2	
	5561.5	16	81.7	17	1029.5	3	
	5565.5	17	62.3	8	1226.0	1	
	5564.5	18	88.9	9	1673.2	3	
26	5563.5	1	94.9	13	1180.0	3	1
	5562.5	2	97.4	16	1567.6	3	
	5562.5	3	73.8	15	1374.6	1	
	5562.5	4	52.3	15	1378.2	2	
	5563.5	5	98.2	12	1271.0	3	
	5562.5	6	66.1	15	1945.9	1	
	5565.5	7	85.3	8	1412.3	1	
	5564.5	8	73.7	9	1871.0	2	
	5560.5	9	98.1	19	1007.1	2	
	5560.5	10	99.2	19	1571.9	1	
	5560.5	11	88.0	19	1950.2	2	
	5566.5	12	77.3	6	1511.0	3	
	5564.5	13	70.5	10	1598.1	1	
	5564.5	14	86.9	9	1137.6	2	
	5566.5	15	60.6	6	1981.1	3	
	5561.5	16	58.4	17	1094.0	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	5561.5	1	78.8	18	1837.8	1	1
	5560.5	2	85.7	19	1026.7	1	
	5564.5	3	71.6	11	1766.0	1	
	5561.5	4	62.2	17	1318.0	1	
	5564.5	5	69.4	9	1918.4	1	
	5562.5	6	87.0	16	1130.8	1	
	5564.5	7	74.3	10	1083.9	1	
	5563.5	8	71.1	12	1804.9	2	
	5562.5	9	69.2	16	1636.8	2	
	5562.5	10	93.4	16	1315.9	2	
	5562.5	11	84.3	14	1038.3	2	
	5562.5	12	72.4	15	1155.9	3	
	5562.5	13	85.8	14	1927.0	2	
	5566.5	14	53.4	6	1892.1	1	
	5565.5	15	59.7	8	1046.9	2	
	5561.5	16	75.5	17	1346.8	2	
	5562.5	17	85.8	14	1474.8	1	
	5564.5	18	92.4	11	1267.4	2	
	5564.5	19	52.9	11	1156.0	3	
	5562.5	20	69.4	16	1149.3	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
28	5562.5	1	79.8	14	1188.0	2	1
	5564.5	2	72.2	11	1905.3	2	
	5565.5	3	54.5	8	1461.4	2	
	5561.5	4	58.9	18	1328.5	3	
	5560.5	5	86.0	19	1284.6	1	
	5565.5	6	85.5	8	1220.4	2	
	5563.5	7	82.5	13	1180.6	2	
	5561.5	8	53.4	18	1639.2	2	
	5564.5	9	52.0	11	1181.5	3	
	5565.5	10	93.0	7	1388.8	1	
	5565.5	11	89.2	7	1083.3	2	
	5563.5	12	86.7	12	1478.6	1	
	5563.5	13	96.2	13	1110.8	2	
	5561.5	14	80.3	18	1302.5	3	
	5565.5	15	78.9	8	1486.6	2	
	5561.5	16	71.3	18	1819.6	1	
	5560.5	17	87.2	20	1301.4	3	
	5562.5	18	86.1	16	1115.6	2	
	5561.5	19	71.6	17	1366.2	1	
	5566.5	20	68.9	5	1013.3	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
29	5566.5	1	84.4	6	1592.9	3	1
	5565.5	2	51.9	7	1785.0	3	
	5562.5	3	58.6	15	1454.9	2	
	5561.5	4	67.8	17	1403.5	2	
	5566.5	5	85.2	6	1004.7	2	
	5562.5	6	78.3	16	1833.2	2	
	5564.5	7	85.8	9	1323.1	3	
	5561.5	8	52.0	17	1466.7	1	
	5562.5	9	94.3	14	1728.0	3	
	5561.5	10	53.9	18	1352.8	3	
	5565.5	11	76.2	7	1414.1	1	
	5562.5	12	79.4	15	1168.7	3	
	5563.5	13	78.4	13	1936.7	3	
	5561.5	14	84.4	18	1108.6	2	
	5560.5	15	93.2	19	1443.5	3	
	5566.5	16	89.4	6	1937.4	2	
	5563.5	17	73.7	12	1581.6	2	
30	5564.5	1	92.7	9	1394.8	2	1
	5563.5	2	70.1	13	1973.5	1	
	5566.5	3	94.1	6	1735.0	3	
	5562.5	4	67.4	14	1457.1	3	
	5561.5	5	53.7	17	1916.4	3	
	5566.5	6	59.2	6	1915.1	3	
	5562.5	7	81.2	16	1507.6	1	
	5562.5	8	66.3	14	1977.1	1	
	5561.5	9	59.5	17	1375.1	3	
	5562.5	10	58.8	14	1517.4	2	
	5566.5	11	70.7	6	1484.8	2	
	5565.5	12	57.8	7	1555.1	2	
	5560.5	13	71.6	19	1244.9	2	
	5563.5	14	93.2	13	1770.7	1	
Detection Percentage (%)							100.00

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	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 (%)						100.00

---END---