

DFS Test Report

Applicant : Rajant Corporation

Product Type : Radio Module

Trade Name : VIZMONET

Model Number : RJ-2002

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

Received Date : Aug. 10, 2021

Test Period : Nov. 17 ~ Nov. 27, 2021

Issued Date : Jun. 23, 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	May 06, 2022	Initial Issue	Emma Chao
01	Jun. 23, 2022	Update chapter 3.2 (P.12 、 P.13)	Emma Chao

Verification of Compliance

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Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.
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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)

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Appendix A. Test Setup Photographs

1 EUT Description

Applicant	Rajant Corporation 200 Chesterfield Parkway, Malvern, Pennsylvania 19355-3258, United States www.rajant.com					
Product Type	Radio Module					
Trade Name	VIZMONET					
Model Number	RJ-2002					
FCC ID	VJA-RJ2002					
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 24 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

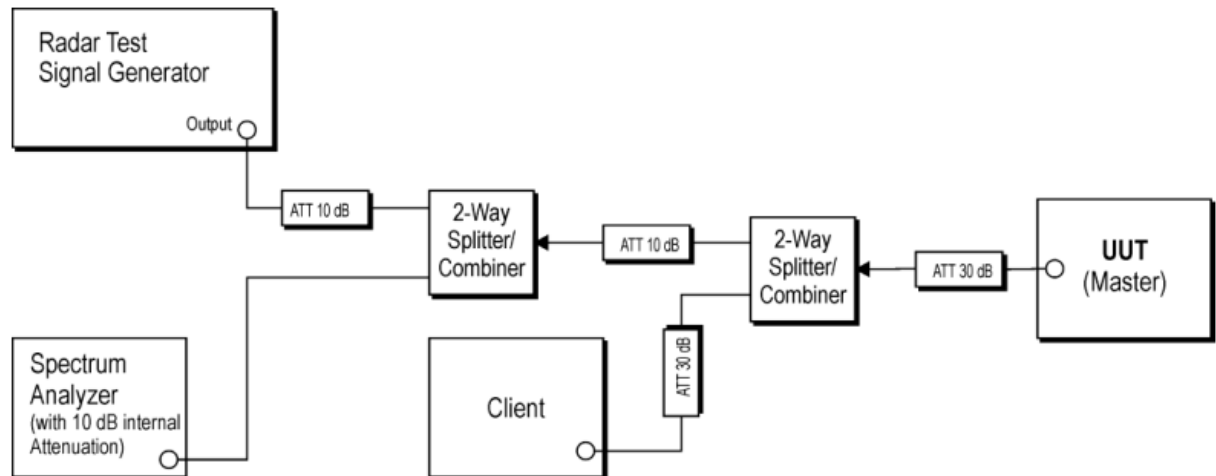
Table 6 – Long Pulse Radar Test Signal							
Radar Waveform	Bursts	Pulses per Burst	Pulse Width (μsec)	Chirp Width (MHz)	PRI (μsec)	Minimum Percentage of Successful Detection	Minimum Trials
5	8-20	1-3	50-100	5-20	1000-2000	80 %	30

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-2002	VJA-RJ2002

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

Test Period: Nov. 17 ~ Nov. 27, 2021

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. 08, 2021	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

IEEE 802.11n 5 GHz 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 802.11n 5 GHz 40 MHz Continuous TX mode:

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

4.2. EUT Test Step

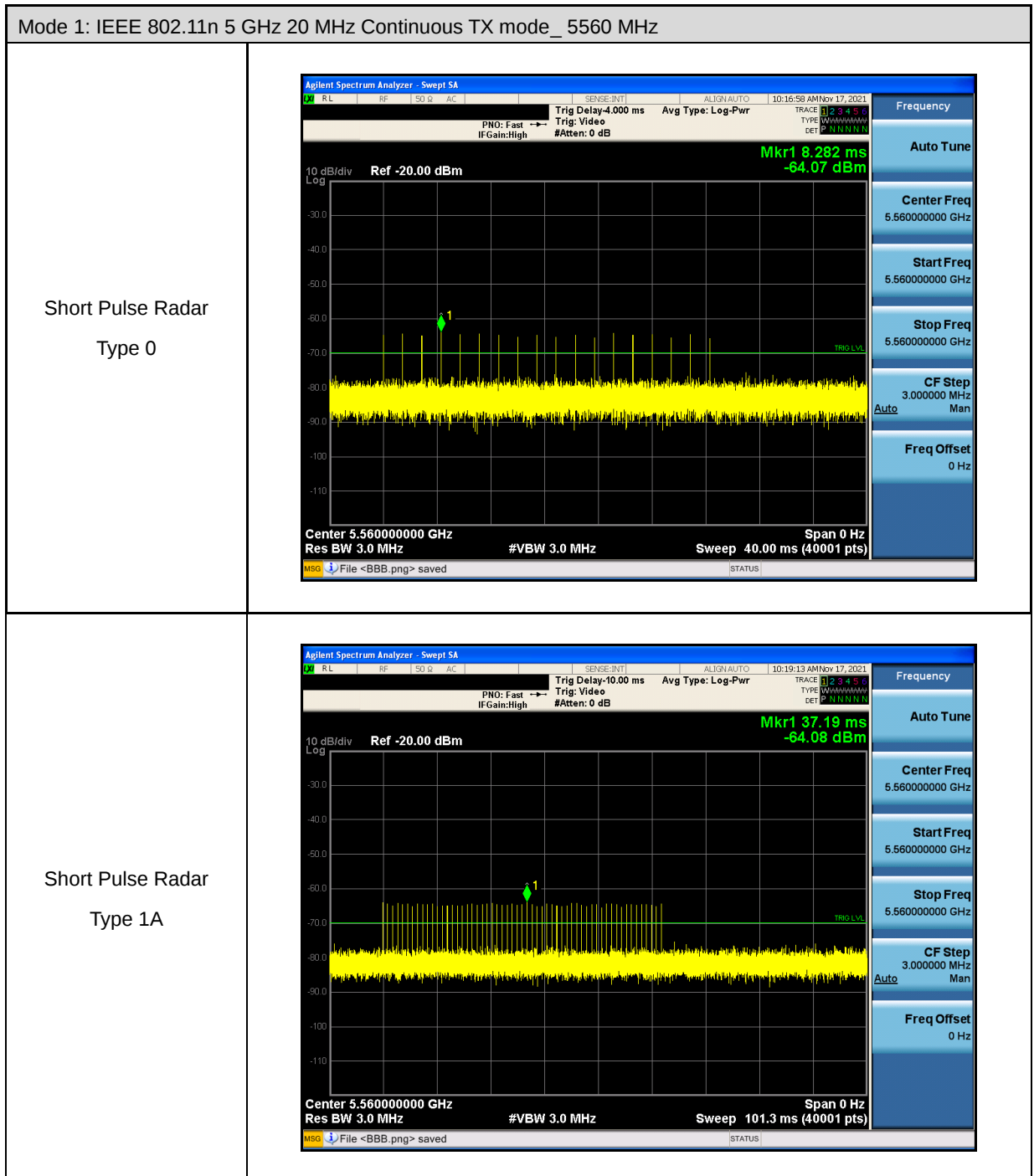
1.	Setup the EUT shown on 3.2.
2.	Turn on the power of all equipment.
3.	Turn on Wi-Fi function link to Access Point.
4.	The EUT is operated in the normal mode to the purposes of measurement.

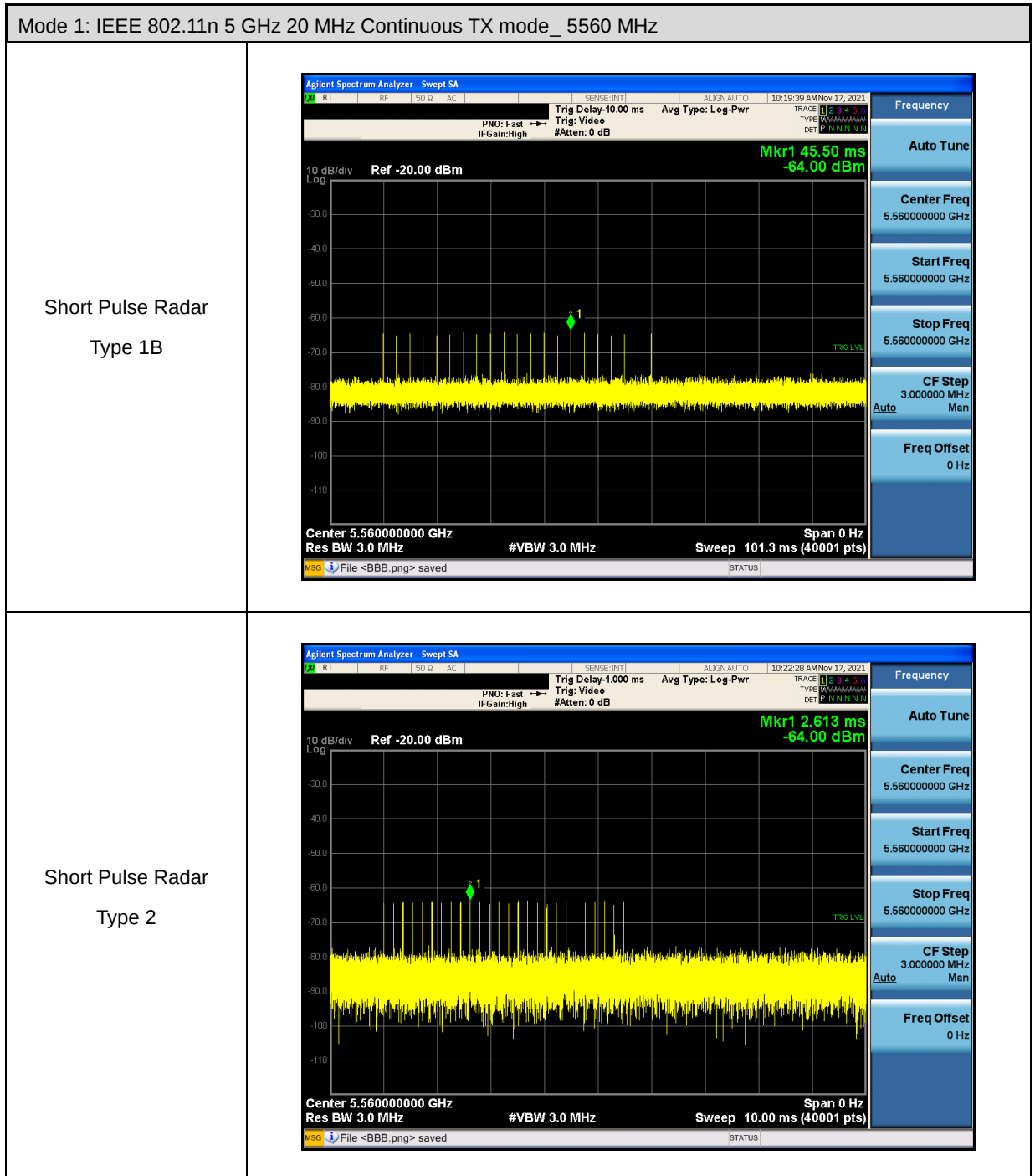
4.3. Test Site Environment

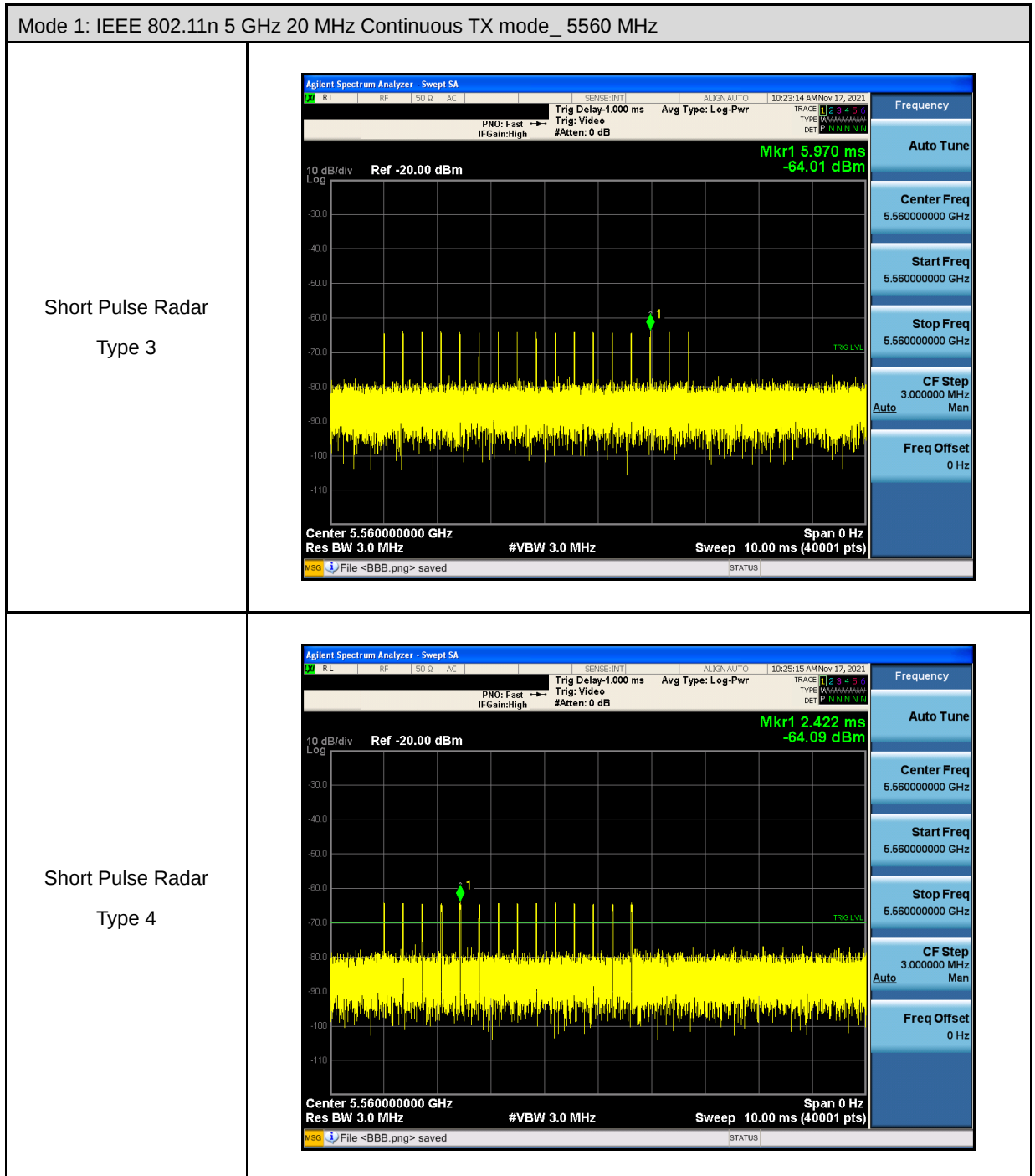
Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	20-30
Humidity (%RH)	25-75	45-75

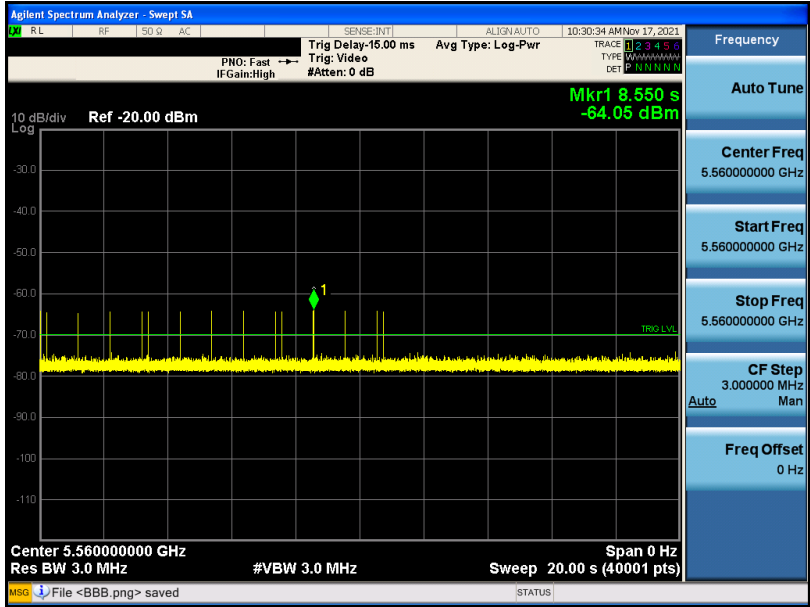
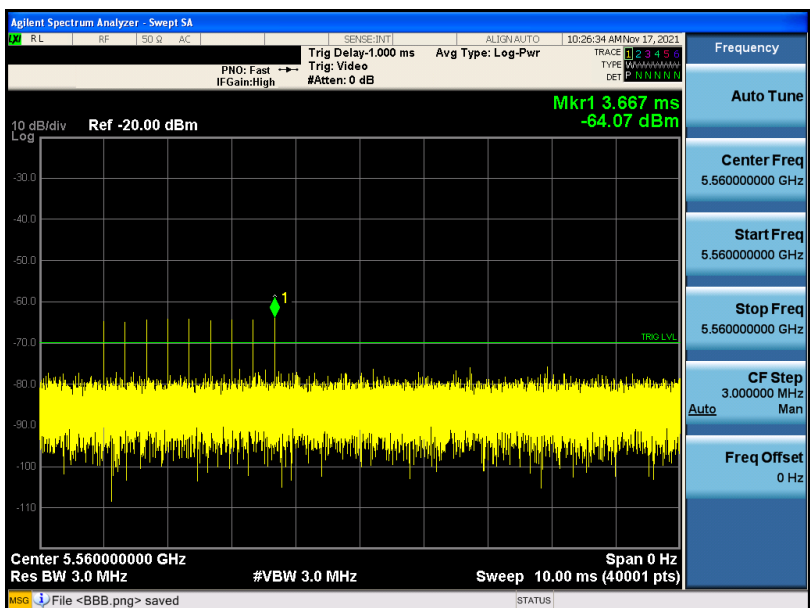
5 Test Results

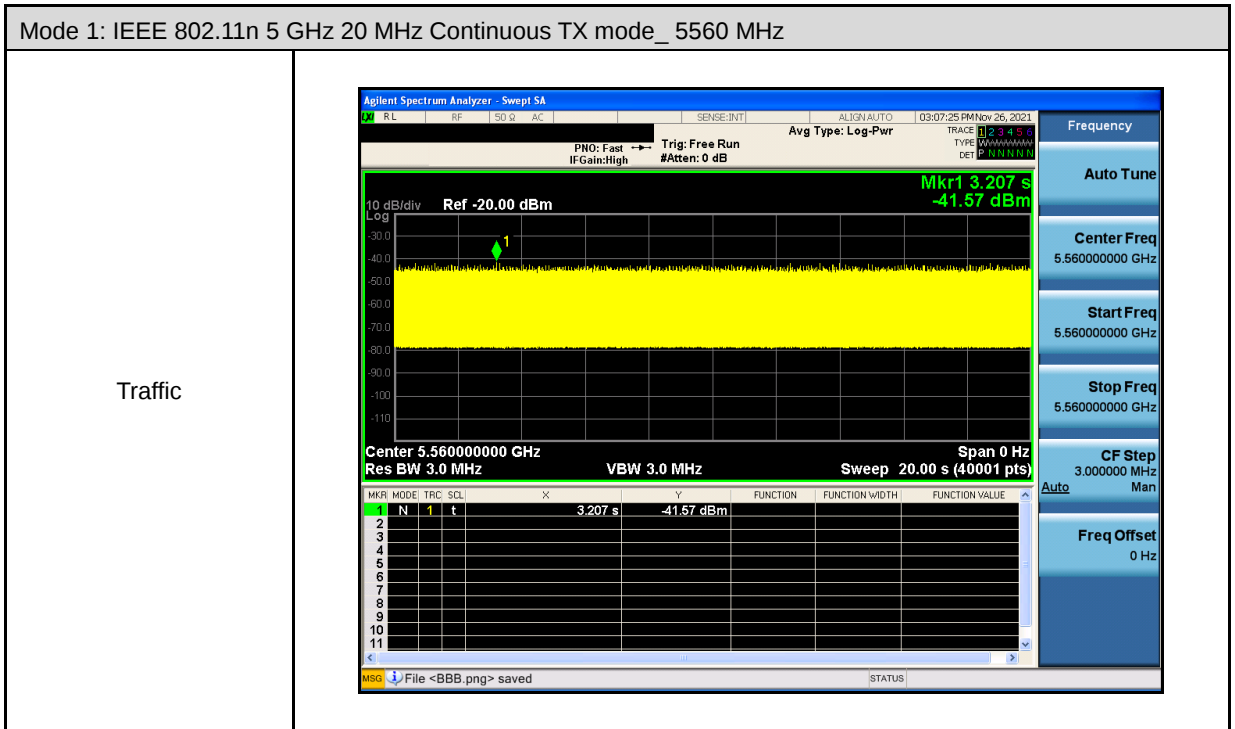
5.1. Radar Waveforms and Traffic





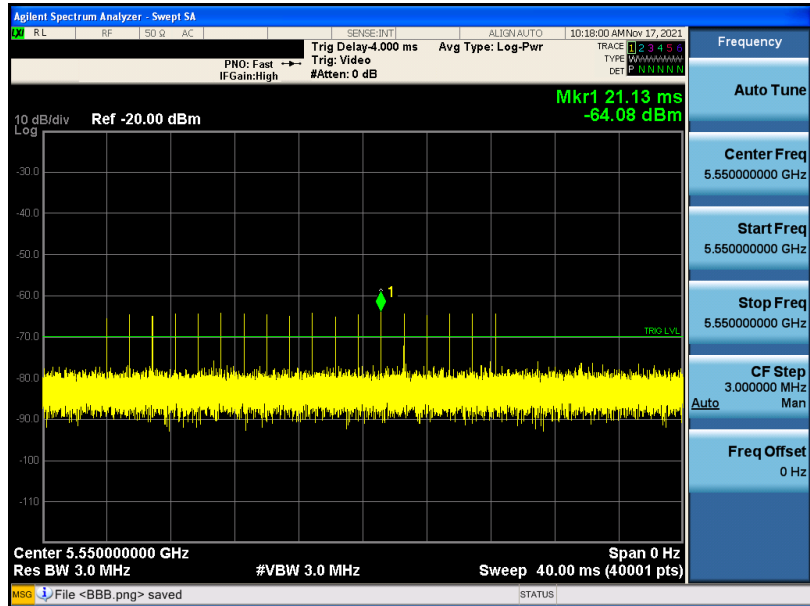


Mode 1: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ 5560 MHz	
Long Pulse Radar Type 5	
Frequency Hopping Radar Type 6	

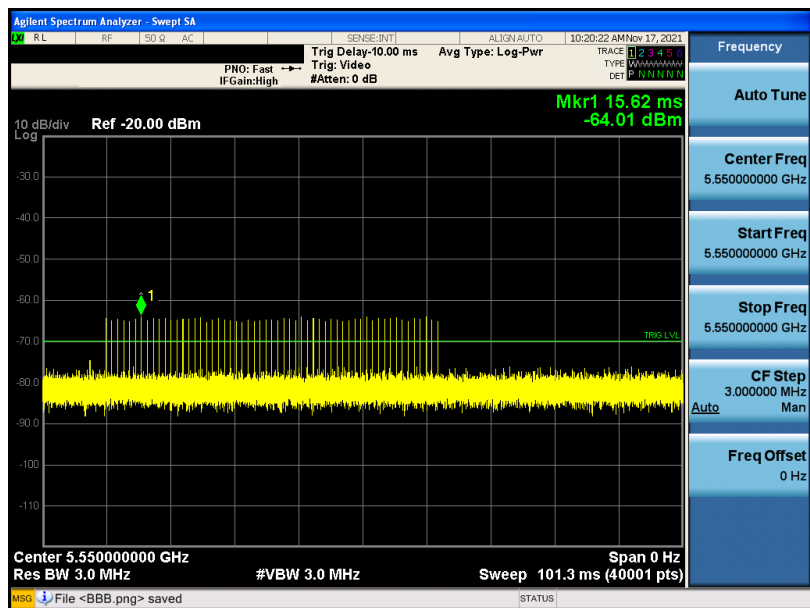


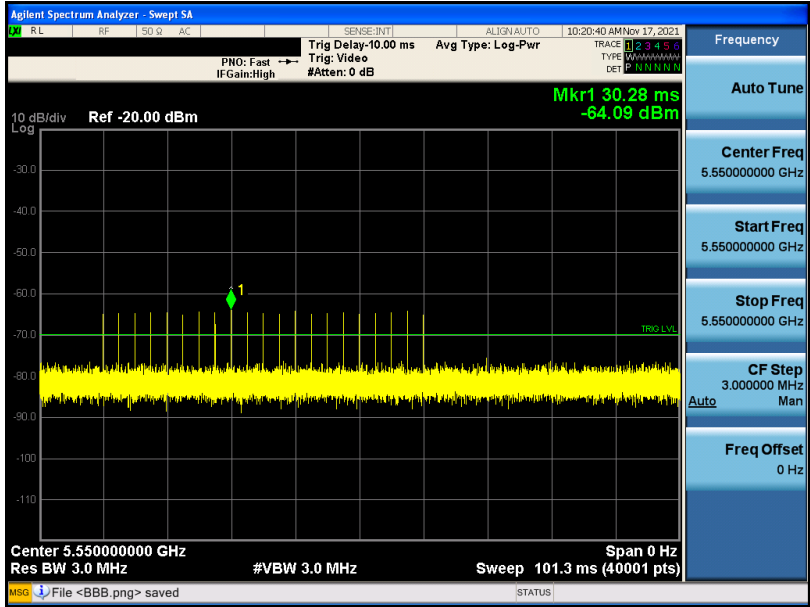
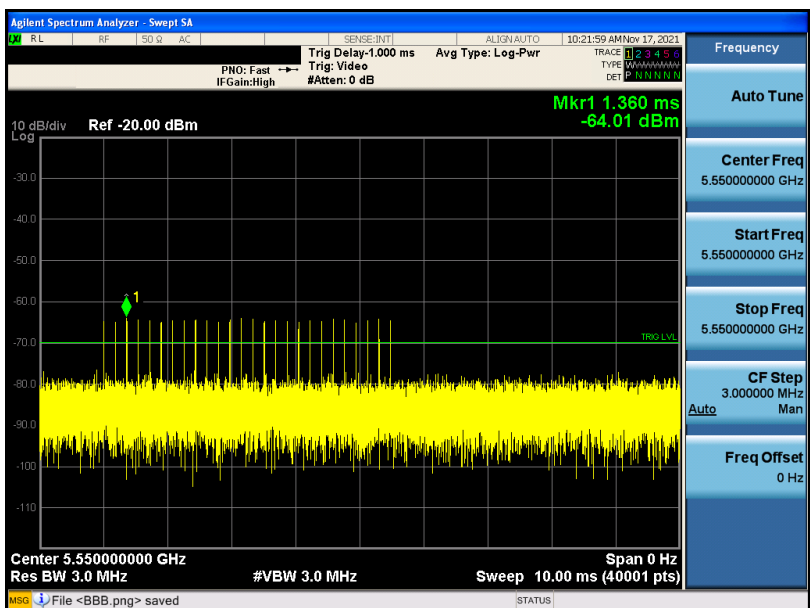
Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ 5550 MHz

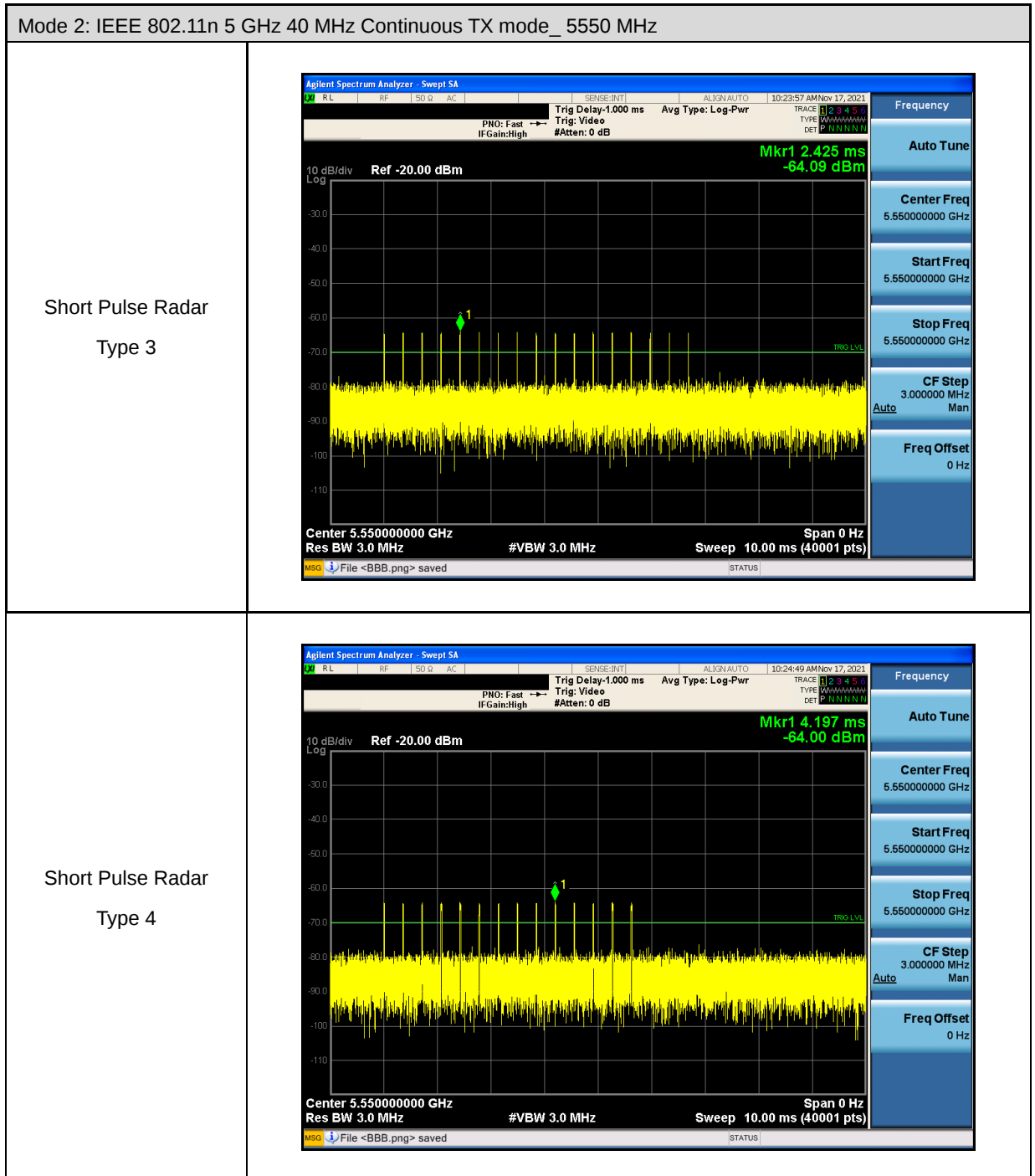
Short Pulse Radar
Type 0



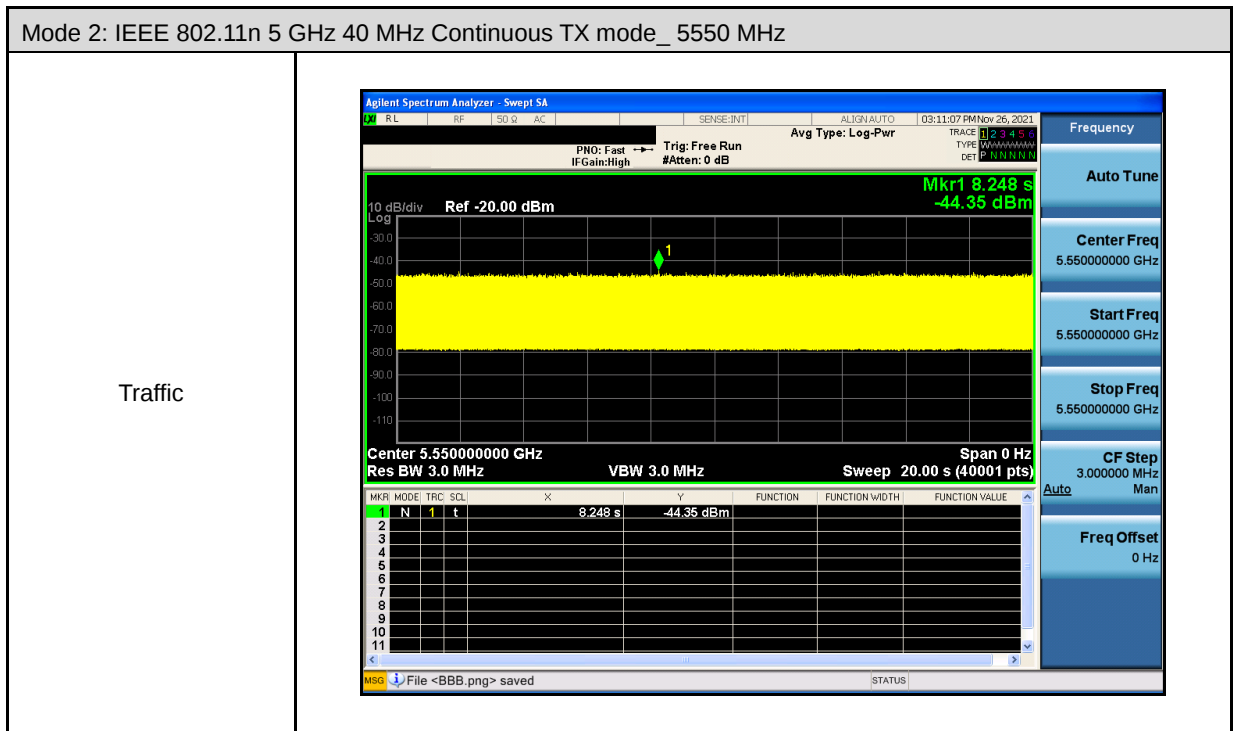
Short Pulse Radar
Type 1A



Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode_ 5550 MHz	
Short Pulse Radar Type 1B	 Agilent Spectrum Analyzer - Swept SA RL RF 50 Q AC SENSE INT ALIGN AUTO 10:20:40 AM Nov 17, 2021 Trig Delay: 10.00 ms Avg Type: Log-Pwr PNO: Fast IF Gain: High Trig: Video #Atten: 0 dB 10 dB/div Ref -20.00 dBm Mkr1 30.28 ms -64.09 dBm Center 5.550000000 GHz Res BW 3.0 MHz #VBW 3.0 MHz Sweep 101.3 ms (40001 pts) Span 0 Hz MSG File <BBB.png> saved STATUS Frequency Auto Tune Center Freq 5.550000000 GHz Start Freq 5.550000000 GHz Stop Freq 5.550000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz
Short Pulse Radar Type 2	 Agilent Spectrum Analyzer - Swept SA RL RF 50 Q AC SENSE INT ALIGN AUTO 10:21:59 AM Nov 17, 2021 Trig Delay: 1.000 ms Avg Type: Log-Pwr PNO: Fast IF Gain: High Trig: Video #Atten: 0 dB 10 dB/div Ref -20.00 dBm Mkr1 1.360 ms -64.01 dBm Center 5.550000000 GHz Res BW 3.0 MHz #VBW 3.0 MHz Sweep 10.00 ms (40001 pts) Span 0 Hz MSG File <BBB.png> saved STATUS Frequency Auto Tune Center Freq 5.550000000 GHz Start Freq 5.550000000 GHz Stop Freq 5.550000000 GHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz



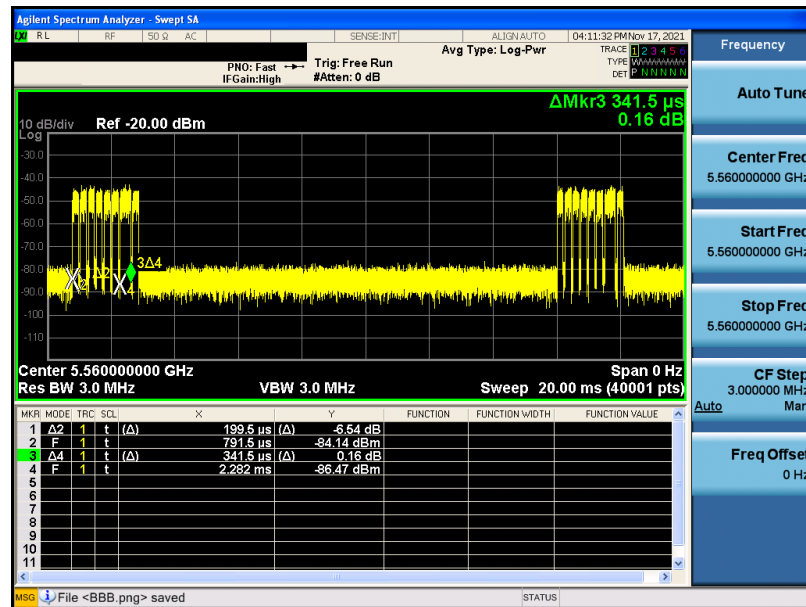
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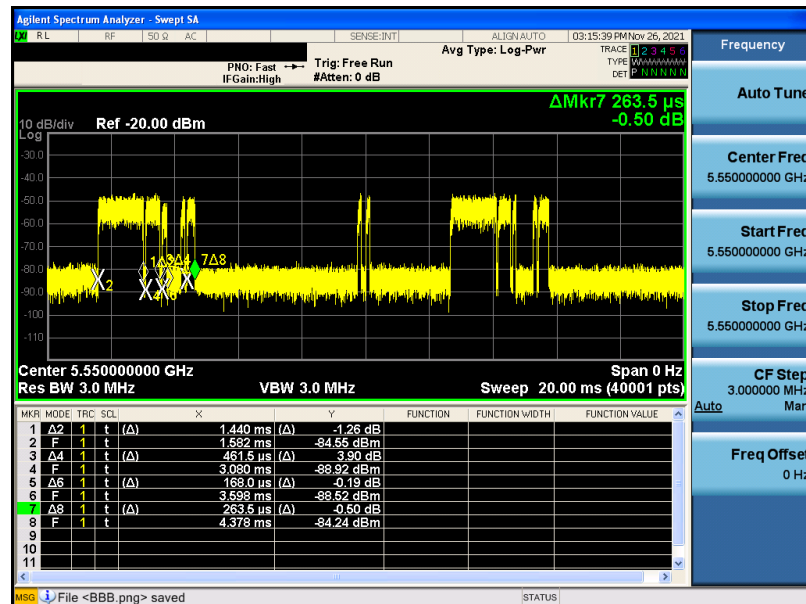
5.2. Channel Loading

■ 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	5.136	97.780	102.916	97.780	37.780

Radar Near Beginning of CAC				
Frequency (MHz)	Timing of Reboot (sec)	Timing of Radar Burst (sec)	Radar Relative to Reboot (sec)	Radar Relative to Start of CAC (sec)
5560	5.136	44.430	39.294	1.514

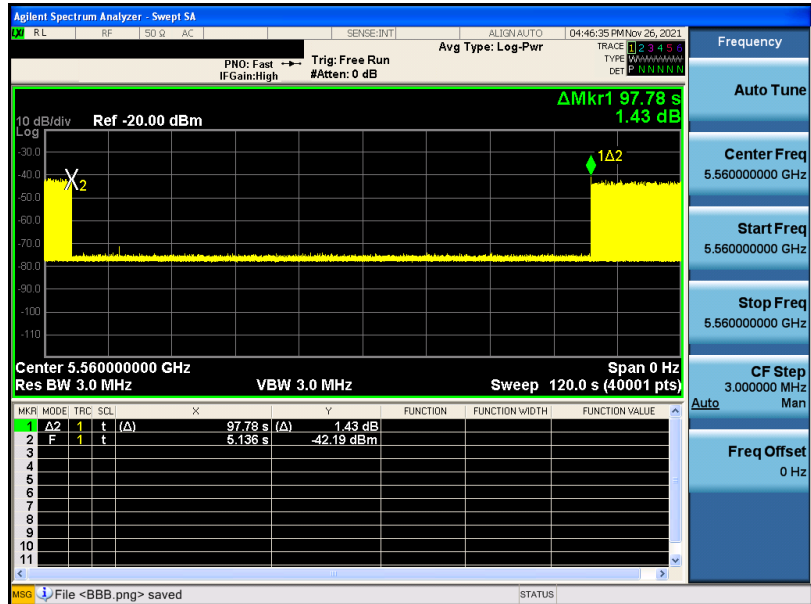
Radar Near End of CAC				
Frequency (MHz)	Timing of Radar Burst (sec)	Radar Relative to Reboot (sec)	Radar Relative to Start of CAC (sec)	Radar Relative to Start of CAC (sec)
5560	5.136	98.260	93.124	55.344

5.3.4. Qualitative Results

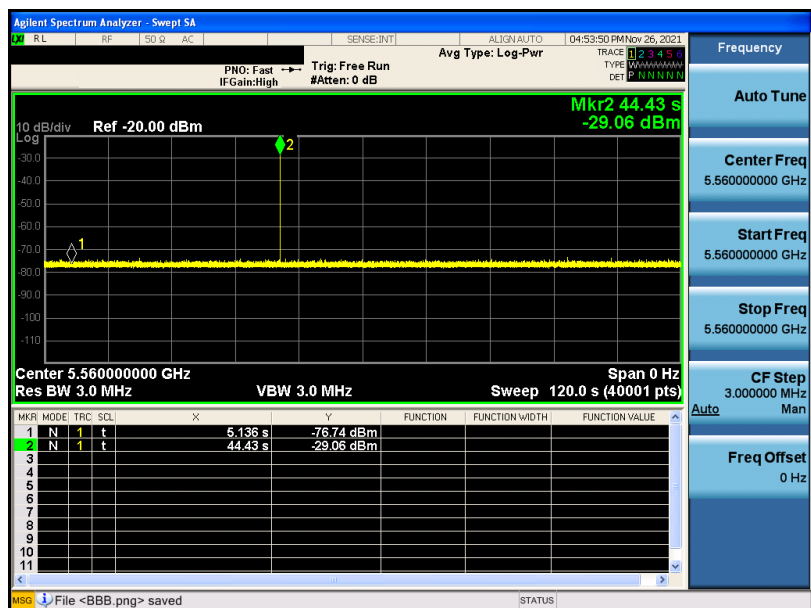
Timing of Radar Burst	Display on Control Computer	Spectrum Analyzer Display
No Radar Triggered	EUT marks Channel as active	Transmissions begin on channel after completion of the initial power-up cycle and the CAC
Within 0 to 6 second window	EUT indicates radar detected	No transmissions on channel
Within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

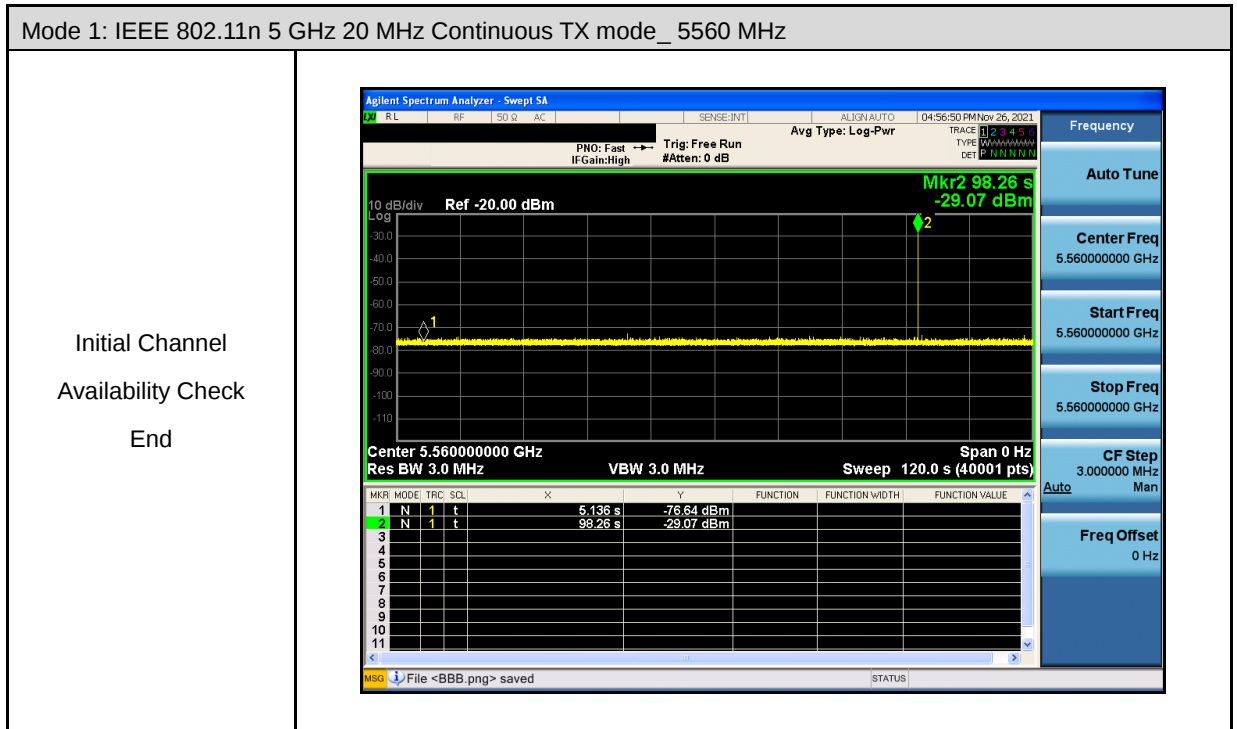
Mode 1: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode_ 5560 MHz

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:

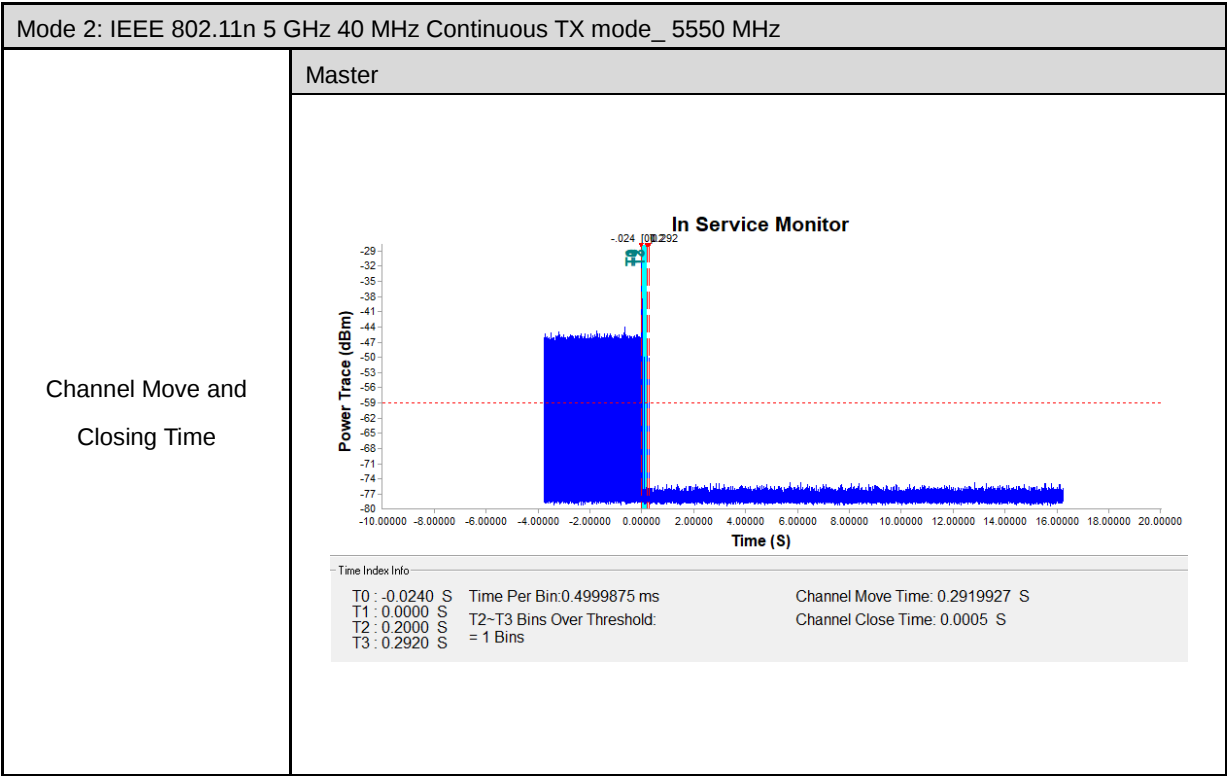
Aggregate Transmission Time = (Number of analyzer bins showing transmission) * (dwell time per bin)

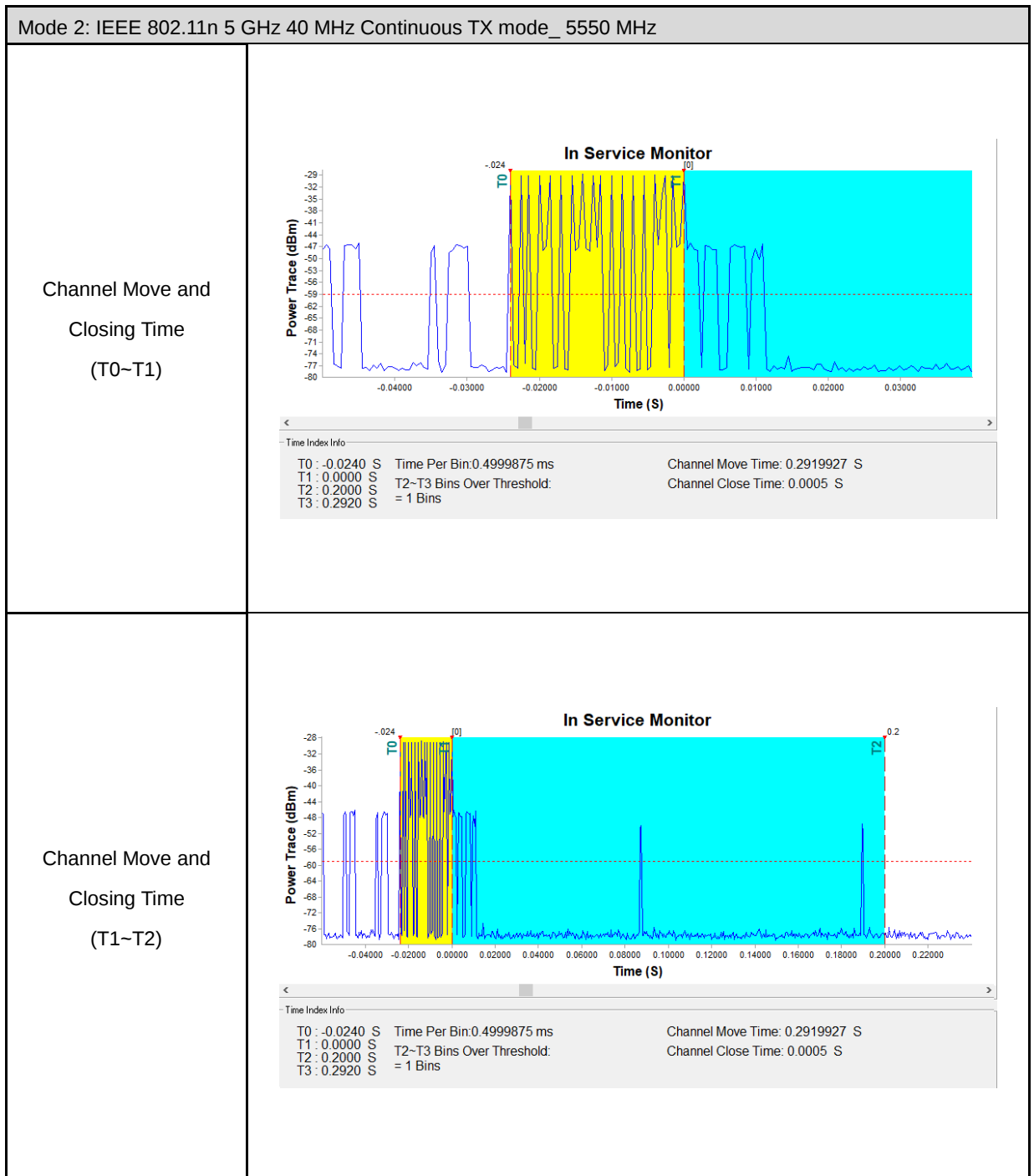
The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate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

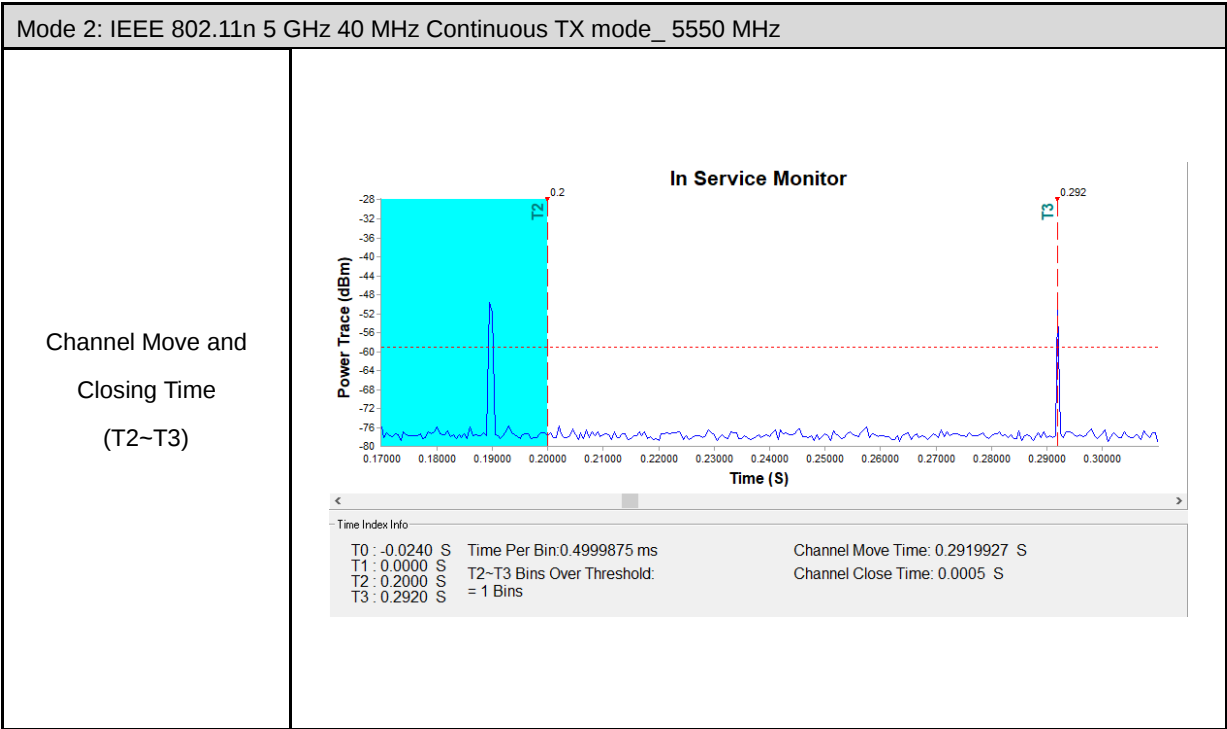
Results

Frequency (MHz)	Radar Type	Channel Move Time (msec)	Limit (sec)
		Master	
5550	Type 0	291.9927	10

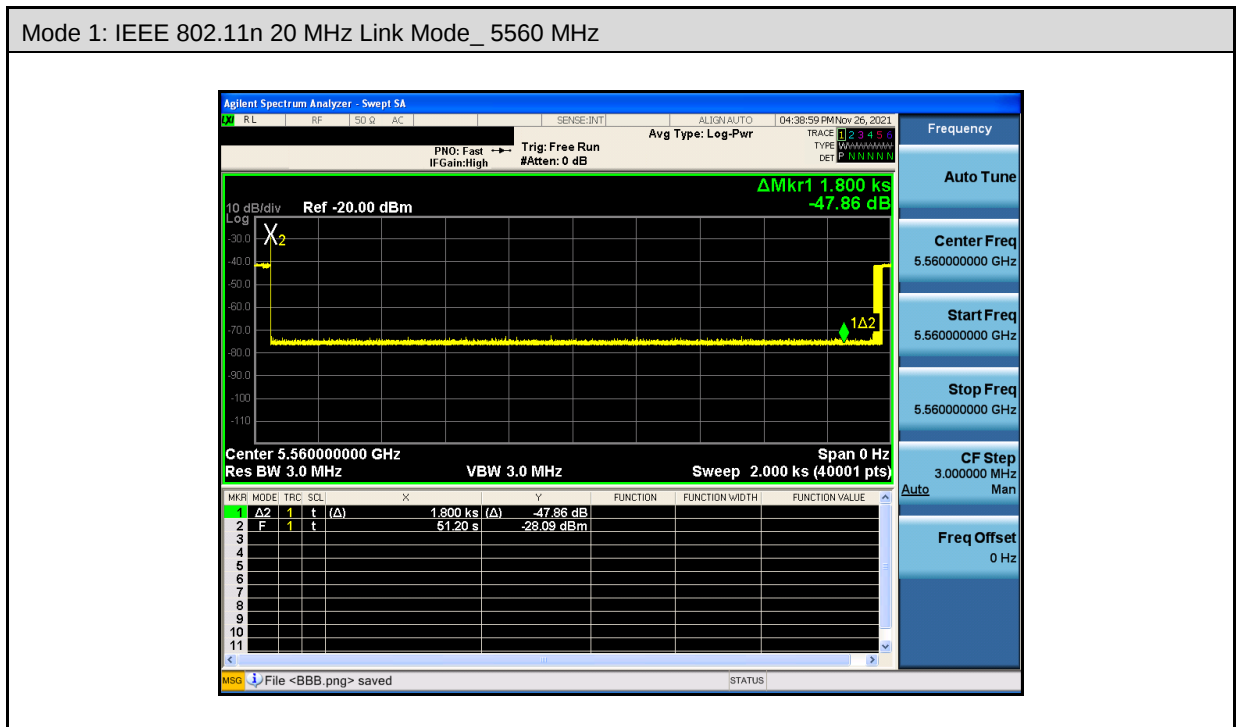
Frequency (MHz)	Radar Type	Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
		Master	
5550	Type 0	0.5000	60







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

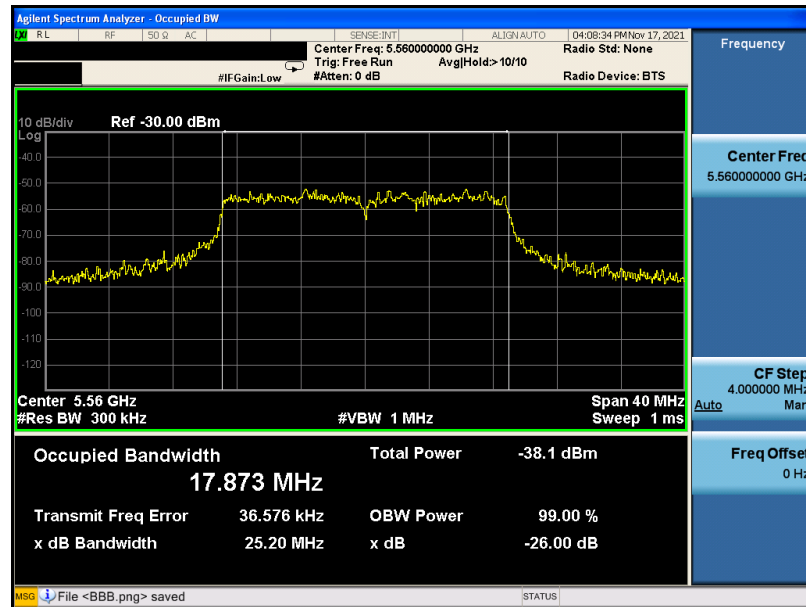
■ Test Results

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	5550	5570	20	17.873	111.90	≥ 100

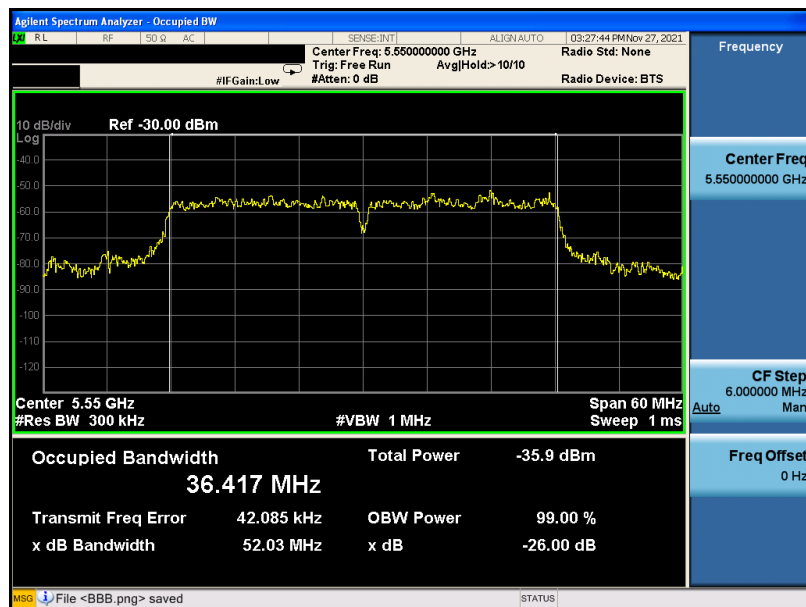
Test Mode	Mode 2: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode					
Frequency (MHz)	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99 % Power Bandwidth (MHz)	Ratio of Detection BW to 99 % Power BW (%)	Minimum Limit (%)
5550	5530	5570	40	36.417	109.84	≥ 100

■ 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	29	1	96.67%	≥ 60%
	Type2	Random	Random	26	4	86.67%	≥ 60%
	Type3	Random	Random	27	3	90.00%	≥ 60%
	Type4	Random	Random	23	7	76.67%	≥ 60%
	Type1~4					87.50%	≥ 80%
	Type5	Random	Random	26	4	86.67%	≥ 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	28	2	93.33%	≥ 60%
	Type3	Random	Random	26	4	86.67%	≥ 60%
	Type4	Random	Random	26	4	86.67%	≥ 60%
	Type1~4					90.83%	≥ 80%
	Type5	Random	Random	29	1	96.67%	≥ 80%
	Type6	Hopping	1	29	1	96.67%	≥ 70%

Test Mode		Mode 1				
Frequency		5560 MHz				
Radar Signal		Type 1				
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5560	1	878	61	1139	1
2	5560	1	678	78	1475	1
3	5560	1	718	74	1393	1
4	5560	1	678	78	1475	0
5	5560	1	618	86	1618	1
6	5560	1	838	63	1193	1
7	5560	1	618	86	1618	1
8	5560	1	698	76	1433	1
9	5560	1	518	102	1931	1
10	5560	1	558	95	1792	1
11	5560	1	798	67	1253	1
12	5560	1	858	62	1166	1
13	5560	1	878	61	1139	1
14	5560	1	558	95	1792	1
15	5560	1	698	76	1433	1
16	5560	1	2012	27	497	1
17	5560	1	1485	36	673	1
18	5560	1	1822	29	549	1
19	5560	1	1558	34	642	1
20	5560	1	1961	27	510	1
21	5560	1	1006	53	994	1
22	5560	1	1671	32	598	1
23	5560	1	962	55	1040	1
24	5560	1	1482	36	675	1
25	5560	1	2808	19	356	1
26	5560	1	2557	21	391	1
27	5560	1	1291	41	775	1
28	5560	1	2423	22	413	1
29	5560	1	2177	25	459	1
30	5560	1	2213	24	452	1
Detection Percentage (%)						96.67

Test Mode		Mode 1				
Frequency		5560 MHz				
Radar Signal		Type 2				
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5560	1.50	194.80	23	5133	1
2	5560	3.80	175.60	23	5695	1
3	5560	1.00	159.00	23	6289	1
4	5560	4.50	203.20	27	4921	1
5	5560	1.30	209.50	27	4773	1
6	5560	3.10	225.80	24	4429	1
7	5560	3.80	216.20	26	4625	1
8	5560	2.70	218.10	23	4585	1
9	5560	1.40	200.30	28	4993	0
10	5560	2.20	166.60	23	6002	1
11	5560	1.20	229.10	28	4365	0
12	5560	3.20	163.00	29	6135	1
13	5560	3.50	150.30	26	6653	1
14	5560	3.60	166.50	25	6006	1
15	5560	1.80	167.50	23	5970	1
16	5560	4.40	201.30	23	4968	1
17	5560	1.20	212.30	27	4710	1
18	5560	4.80	165.00	27	6061	1
19	5560	3.40	178.90	23	5590	1
20	5560	2.90	180.20	27	5549	1
21	5560	4.30	223.50	26	4474	0
22	5560	3.10	158.50	23	6309	1
23	5560	3.60	173.00	23	5780	1
24	5560	1.80	189.60	25	5274	1
25	5560	1.30	215.40	25	4643	0
26	5560	1.30	198.10	26	5048	1
27	5560	2.20	172.20	29	5807	1
28	5560	4.00	152.80	27	6545	1
29	5560	2.10	195.60	24	5112	1
30	5560	1.60	167.10	23	5984	1
Detection Percentage (%)						86.67

Test Mode		Mode 1				
Frequency		5560 MHz				
Radar Signal		Type 3				
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5560	9.00	368.50	16	2713.70	1
2	5560	8.70	305.00	16	3278.69	1
3	5560	7.70	202.70	18	4933.40	1
4	5560	8.70	303.60	18	3293.81	1
5	5560	7.20	394.10	16	2537.43	1
6	5560	9.80	245.20	16	4078.30	1
7	5560	6.80	422.00	16	2369.67	1
8	5560	8.80	346.00	17	2890.17	1
9	5560	7.20	321.60	16	3109.45	1
10	5560	6.70	306.90	16	3258.39	1
11	5560	9.50	224.40	16	4456.33	1
12	5560	6.90	274.50	17	3642.99	1
13	5560	7.40	282.40	16	3541.08	1
14	5560	9.10	262.60	17	3808.07	0
15	5560	7.60	259.00	17	3861.00	1
16	5560	7.80	211.60	18	4725.90	1
17	5560	6.00	228.70	17	4372.54	1
18	5560	6.40	324.40	16	3082.61	1
19	5560	7.50	338.00	18	2958.58	0
20	5560	7.40	221.40	16	4516.71	1
21	5560	7.40	395.50	17	2528.45	1
22	5560	6.40	225.10	18	4442.47	1
23	5560	9.20	497.40	18	2010.45	1
24	5560	7.00	408.30	18	2449.18	1
25	5560	7.60	385.80	17	2592.02	0
26	5560	7.20	345.00	18	2898.55	1
27	5560	8.20	326.30	16	3064.66	1
28	5560	6.30	489.10	18	2044.57	1
29	5560	7.10	202.00	17	4950.50	1
30	5560	7.50	462.80	16	2160.76	1
Detection Percentage (%)						90.00

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	16.20	396.30	12	2523	1
2	5560	19.10	318.00	16	3145	0
3	5560	15.70	487.60	15	2051	1
4	5560	15.20	319.00	13	3135	0
5	5560	11.30	358.60	13	2789	1
6	5560	14.30	294.90	16	3391	1
7	5560	13.30	267.60	13	3737	1
8	5560	14.90	453.30	16	2206	1
9	5560	12.50	385.00	15	2597	0
10	5560	19.20	411.00	14	2433	1
11	5560	14.20	259.90	13	3848	1
12	5560	17.40	471.00	12	2123	0
13	5560	18.40	317.10	12	3154	1
14	5560	14.90	456.50	14	2191	0
15	5560	18.70	422.00	13	2370	1
16	5560	16.60	405.90	12	2464	1
17	5560	15.20	453.40	13	2206	0
18	5560	12.40	387.30	16	2582	1
19	5560	13.50	316.90	12	3156	1
20	5560	15.60	259.10	15	3860	1
21	5560	13.80	450.90	16	2218	1
22	5560	13.40	288.00	16	3472	1
23	5560	12.90	294.00	12	3401	0
24	5560	14.60	299.30	13	3341	1
25	5560	19.10	374.80	16	2668	1
26	5560	15.90	293.70	14	3405	1
27	5560	11.30	261.80	15	3820	1
28	5560	11.40	453.10	13	2207	1
29	5560	18.70	224.00	13	4464	1
30	5560	14.40	494.80	16	2021	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	5557	1	99.7	14	1371.7	2	1
	5554	2	51.1	8	1877.6	3	
	5559	3	82.1	19	1392.2	3	
	5554	4	82.3	7	1706.8	2	
	5557	5	99.7	15	1988.6	1	
	5559	6	74.7	20	1767.3	3	
	5554	7	66.8	8	1937.3	3	
	5556	8	82.0	13	1317.9	1	
	5555	9	64.8	11	1162.4	3	
	5555	10	83.4	9	1875.2	2	
	5557	11	79.2	15	1582.1	3	
2	5559	1	83.8	19	1103.6	2	1
	5554	2	98.6	8	1785.8	2	
	5558	3	73.7	18	1586.1	1	
	5555	4	58.1	9	1959.9	2	
	5557	5	99.3	15	1043.4	3	
	5557	6	95.4	16	1397.7	2	
	5557	7	79.6	14	1495.7	1	
	5556	8	95.0	12	1585.4	3	
	5559	9	90.6	20	1902.7	2	
	5557	10	99.1	15	1687.2	3	
	5558	11	55.3	18	1188.6	3	
	5557	12	58.8	16	1307.3	1	
3	5554	1	68.0	8	1581.1	1	1
	5553	2	63.3	6	1950.6	1	
	5554	3	61.8	8	1168.1	2	
	5556	4	64.8	12	1241.6	3	
	5556	5	51.6	12	1474.2	2	
	5557	6	98.0	14	1896.1	3	
	5555	7	86.2	10	1248.5	1	
	5559	8	83.2	19	1872.7	1	
	5555	9	85.2	9	1069.4	3	
	5556	10	83.0	12	1516.5	3	
	5556	11	54.1	13	1496.2	1	
	5559	12	89.3	20	1625.4	2	
	5556	13	95.6	12	1069.8	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
4	5558	1	78.8	17	1363.2	2	1
	5557	2	57.2	14	1976.0	2	
	5559	3	61.6	19	1017.2	1	
	5554	4	72.5	7	1833.8	3	
	5555	5	87.3	11	1742.4	1	
	5554	6	53.1	8	1347.2	3	
	5554	7	86.5	8	1012.8	2	
	5553	8	51.1	6	1374.0	2	
	5555	9	98.0	10	1200.1	2	
5	5558	1	94.5	17	1622.6	1	1
	5553	2	94.0	6	1709.8	3	
	5555	3	75.0	11	1769.6	3	
	5553	4	73.9	6	1890.7	1	
	5556	5	56.4	12	1333.1	1	
	5554	6	55.7	8	1192.0	3	
	5553	7	67.3	6	1190.3	3	
	5556	8	98.6	13	1358.4	3	
	5555	9	55.0	10	1088.0	3	
	5554	10	55.6	7	1376.4	1	
	5557	11	98.0	16	1729.0	1	
	5553	12	91.7	6	1763.6	3	
	5556	13	79.9	13	1614.4	2	
	5558	14	91.2	17	1846.9	2	
	5554	15	64.8	7	1966.8	2	
6	5557	1	80.0	16	1710.0	1	1
	5557	2	91.7	14	1644.2	1	
	5557	3	83.1	14	1243.9	3	
	5553	4	73.7	6	1073.8	1	
	5554	5	81.7	8	1501.7	2	
	5558	6	96.4	18	1452.0	3	
	5554	7	58.9	7	1892.7	3	
	5559	8	67.5	19	1701.5	3	
	5556	9	87.0	12	1419.0	1	
	5558	10	86.5	17	1681.2	3	
	5554	11	72.7	7	1633.4	3	
	5557	12	59.7	14	1395.9	1	
	5555	13	86.2	10	1875.9	2	
	5557	14	77.2	14	1620.8	2	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
7	5558	1	86.6	18	1590.8	2	1
	5556	2	93.5	12	1429.5	1	
	5555	3	90.0	9	1132.2	2	
	5557	4	76.9	15	1666.8	2	
	5559	5	95.3	19	1381.5	2	
	5557	6	96.9	15	1398.7	1	
	5555	7	51.2	10	1273.6	3	
	5553	8	82.1	5	1745.9	2	
	5558	9	59.8	18	1786.7	3	
	5559	10	75.4	19	1309.9	3	
	5557	11	55.8	14	1300.7	2	
	5555	12	60.0	11	1804.4	1	
	5556	13	89.6	13	1095.2	1	
	5555	14	81.0	9	1586.5	3	
	5555	15	75.5	10	1531.4	3	
	5557	16	53.8	15	1096.0	3	
	5554	17	91.1	8	1491.9	1	
8	5558	1	70.1	18	1883.1	3	1
	5554	2	55.0	7	1246.3	2	
	5554	3	65.7	7	1876.9	3	
	5557	4	69.2	16	1135.5	1	
	5554	5	57.0	8	1131.8	3	
	5555	6	53.4	10	1409.4	3	
	5554	7	71.1	7	1040.0	2	
	5558	8	74.9	18	1274.5	1	
	5555	9	57.4	11	1281.8	3	
	5554	10	60.6	8	1676.2	3	
	5558	11	63.8	17	1442.9	3	
	5559	12	69.7	19	1413.5	2	
	5555	13	81.0	9	1554.5	1	
	5556	14	84.4	12	1933.0	2	
	5559	15	71.4	19	1994.8	1	
	5557	16	69.1	14	1741.8	1	
	5555	17	62.5	10	1543.6	3	
	5553	18	54.4	5	1061.6	1	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
9	5554	1	57.0	7	1516.1	1	1
	5559	2	66.4	20	1508.5	2	
	5558	3	88.9	18	1607.8	2	
	5558	4	61.8	18	1297.4	2	
	5557	5	64.3	16	1784.7	1	
	5557	6	59.1	14	1662.0	3	
	5557	7	60.7	15	1816.0	3	
	5557	8	93.4	16	1201.4	1	
	5555	9	77.1	10	1811.0	1	
	5556	10	62.5	13	1339.1	1	
	5555	11	98.8	9	1864.1	3	
	5555	12	78.4	9	1945.2	3	
	5553	13	69.1	5	1777.9	3	
	5556	14	54.9	13	1355.1	2	
	5556	15	56.9	12	1067.1	2	
	5556	16	82.7	13	1911.0	2	
	5555	17	91.5	10	1636.9	3	
	5557	18	99.9	14	1863.4	1	
	5558	19	85.4	18	1173.0	2	
10	5559	1	69.3	19	1207.5	3	1
	5554	2	56.6	8	1088.7	3	
	5555	3	92.7	9	1721.8	2	
	5556	4	96.8	12	1225.2	1	
	5559	5	78.3	19	1980.3	2	
	5555	6	73.0	11	1018.4	1	
	5557	7	61.7	14	1879.3	2	
	5557	8	61.2	14	1585.4	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
11	5560	1	73.8	6	1592.6	2	0
	5560	2	92.7	5	1361.8	2	
	5560	3	80.6	17	1815.5	2	
	5560	4	55.1	8	1353.7	1	
	5560	5	62.7	11	1675.4	3	
	5560	6	90.4	8	1651.2	3	
	5560	7	59.8	14	1522.7	2	
	5560	8	91.9	5	1820.9	3	
	5560	9	64.2	18	1646.8	2	
	5560	10	89.7	12	1573.2	1	
	5560	11	54.8	10	1569.5	1	
	5560	12	67.1	19	1773.5	1	
	5560	13	55.6	18	1477.4	2	
	5560	14	62.2	15	1047.0	2	
	5560	15	59.4	12	1047.7	3	
	5560	16	58.1	19	1385.1	1	
12	5560	1	86.6	14	1622.1	2	0
	5560	2	81.5	5	1403.3	3	
	5560	3	53.7	14	1104.0	1	
	5560	4	67.6	9	1969.0	1	
	5560	5	77.7	14	1533.4	3	
	5560	6	85.2	16	1457.4	1	
	5560	7	64.6	9	1179.7	3	
	5560	8	96.1	18	1869.0	3	
	5560	9	63.4	19	1856.1	1	
	5560	10	61.0	10	1444.2	1	
	5560	11	56.5	18	1859.3	2	
	5560	12	83.3	18	1938.1	2	
	5560	13	72.5	9	1282.4	1	
	5560	14	69.6	6	1864.8	3	
	5560	15	94.0	15	1301.2	2	
	5560	16	62.9	12	1114.7	2	
	5560	17	54.3	15	1803.5	2	
	5560	18	98.5	10	1895.3	2	
	5560	19	52.1	12	1077.0	1	
	5560	20	88.8	19	1666.2	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
13	5560	1	95.1	16	1068.4	3	1
	5560	2	93.1	19	1005.0	1	
	5560	3	74.1	11	1559.9	3	
	5560	4	74.6	15	1127.6	3	
	5560	5	73.6	6	1954.3	1	
	5560	6	52.3	19	1704.3	2	
	5560	7	76.2	5	1253.0	1	
	5560	8	83.3	19	1941.1	2	
	5560	9	94.4	8	1493.8	2	
	5560	10	97.2	16	1516.4	2	
14	5560	1	83.0	12	1008.7	1	1
	5560	2	75.5	17	1023.0	3	
	5560	3	88.7	18	1856.2	1	
	5560	4	52.2	13	1863.9	2	
	5560	5	69.8	12	1668.8	3	
	5560	6	82.8	10	1084.2	3	
	5560	7	57.4	19	1155.3	1	
	5560	8	95.4	14	1384.0	2	
	5560	9	53.7	7	1725.5	2	
	5560	10	68.1	15	1821.8	2	
	5560	11	82.8	11	1457.1	1	
	5560	12	89.9	8	1755.5	2	
	5560	13	72.7	6	1671.7	1	
	5560	14	84.0	16	1685.2	3	
	5560	15	64.7	5	1448.0	3	
	5560	16	76.1	7	1986.0	3	
	5560	17	63.2	18	1572.7	2	
	5560	18	98.5	6	1578.0	2	
	5560	19	96.3	8	1975.0	2	
	5560	20	90.9	19	1826.2	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
15	5560	1	94.3	13	1799.9	2	1
	5560	2	70.9	14	1094.2	2	
	5560	3	62.7	6	1047.4	3	
	5560	4	74.4	14	1352.2	2	
	5560	5	67.4	7	1055.7	3	
	5560	6	60.2	11	1296.4	2	
	5560	7	93.2	11	1558.3	2	
	5560	8	79.9	12	1951.1	2	
	5560	9	53.1	19	1874.4	2	
	5560	10	60.3	17	1874.8	3	
	5560	11	93.3	13	1736.5	2	
	5560	12	99.2	20	1504.4	3	
	5560	13	65.6	9	1428.4	2	
	5560	14	63.2	12	1334.0	3	
	5560	15	56.9	13	1840.8	3	
	5560	16	85.6	12	1097.8	3	
	5560	17	60.3	13	1735.1	3	
	5560	18	56.6	13	1923.0	1	
	5560	19	53.1	19	1014.5	3	
16	5560	1	73.2	13	1921.4	2	0
	5560	2	82.1	13	1684.2	2	
	5560	3	76.0	18	1864.7	3	
	5560	4	73.7	5	1285.6	3	
	5560	5	95.3	18	1131.1	3	
	5560	6	95.0	19	1807.2	1	
	5560	7	51.8	11	1190.2	1	
	5560	8	50.9	10	1027.6	1	
	5560	9	99.2	11	1961.7	1	
	5560	10	90.2	5	1360.1	2	
	5560	11	72.8	11	1497.9	3	
	5560	12	68.6	16	1236.9	2	
	5560	13	86.1	5	1854.6	2	
	5560	14	51.8	18	1601.0	1	
	5560	15	72.9	8	1832.1	3	
	5560	16	92.2	15	1570.4	1	
	5560	17	87.6	19	1900.9	1	
	5560	18	54.4	19	1192.0	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
17	5560	1	98.3	9	1056.2	3	0
	5560	2	63.2	14	1098.0	1	
	5560	3	74.0	17	1209.0	2	
	5560	4	94.8	15	1805.5	2	
	5560	5	97.8	12	1613.4	2	
	5560	6	83.9	9	1797.7	2	
	5560	7	94.6	19	1072.1	1	
	5560	8	95.9	6	1664.8	3	
	5560	9	85.4	6	1291.2	3	
	5560	10	75.7	20	1939.6	2	
	5560	11	51.2	17	1831.2	1	
	5560	12	57.3	8	1442.8	1	
	5560	13	67.5	6	1526.4	1	
	5560	14	66.2	13	1837.6	1	
	5560	15	79.0	10	1197.2	3	
	5560	16	74.4	15	1965.8	1	
	5560	17	72.9	8	1540.2	1	
18	5560	1	64.2	10	1000.3	2	1
	5560	2	80.2	17	1370.6	2	
	5560	3	81.1	9	1127.2	3	
	5560	4	68.0	12	1736.6	2	
	5560	5	63.4	14	1632.5	3	
	5560	6	92.4	11	1631.5	1	
	5560	7	96.9	8	1328.8	2	
	5560	8	99.5	16	1123.1	3	
	5560	9	67.1	9	1964.2	1	
	5560	10	94.7	13	1226.6	2	
	5560	11	70.4	11	1384.8	2	
	5560	12	97.2	15	1440.2	2	
	5560	13	54.3	17	1930.2	2	
	5560	14	88.0	8	1630.8	2	
	5560	15	98.6	19	1585.4	1	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
19	5560	1	90.5	18	1040.5	2	1
	5560	2	95.7	14	1263.5	1	
	5560	3	85.7	14	1782.7	1	
	5560	4	52.2	11	1998.6	1	
	5560	5	76.8	19	1852.8	3	
	5560	6	99.8	18	1620.7	2	
	5560	7	91.5	17	1645.8	1	
	5560	8	63.2	15	1046.1	3	
	5560	9	92.2	18	1912.9	3	
	5560	10	76.6	7	1158.2	3	
	5560	11	75.8	6	1236.3	2	
	5560	12	58.3	12	1785.3	3	
	5560	13	64.8	16	1841.0	2	
	5560	14	59.1	11	1020.3	1	
20	5560	1	81.4	6	1330.2	3	1
	5560	2	68.0	16	1505.9	2	
	5560	3	75.2	8	1311.8	3	
	5560	4	88.4	10	1304.0	1	
	5560	5	73.3	11	1124.1	3	
	5560	6	65.7	14	1844.4	1	
	5560	7	96.6	16	1629.8	1	
	5560	8	67.8	15	1063.2	3	
	5560	9	53.4	6	1001.8	2	
	5560	10	96.6	7	1217.5	1	
21	5566	1	96.0	7	1548.2	1	1
	5563	2	58.7	16	1718.6	3	
	5566	3	90.4	7	1698.9	1	
	5563	4	74.0	14	1702.2	1	
	5563	5	84.2	15	1407.8	1	
	5567	6	57.0	5	1253.9	1	
	5563	7	91.9	15	1561.1	2	
	5564	8	68.8	13	1780.0	1	
	5563	9	78.8	15	1547.0	3	
	5565	10	58.2	10	1380.1	2	
	5567	11	79.3	5	1498.0	3	
	5564	12	97.4	12	1318.1	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
22	5562	1	72.4	18	1735.5	1	1
	5562	2	74.9	18	1747.5	1	
	5565	3	58.3	11	1159.2	2	
	5562	4	59.8	18	1647.9	1	
	5562	5	76.2	17	1085.1	2	
	5566	6	65.1	7	1174.2	1	
	5566	7	91.0	7	1409.6	3	
	5564	8	78.6	12	1879.3	1	
	5563	9	87.9	15	1603.2	3	
23	5563	1	78.6	14	1006.4	1	1
	5565	2	89.6	10	1035.0	3	
	5567	3	76.8	6	1083.1	1	
	5563	4	84.8	15	1145.5	1	
	5565	5	67.6	9	1332.4	3	
	5564	6	97.1	13	1063.1	2	
	5563	7	62.9	14	1209.1	2	
	5564	8	95.4	13	1508.5	1	
	5565	9	59.4	11	1852.2	3	
	5565	10	56.3	9	1589.0	3	
	5561	11	96.1	19	1271.0	3	
	5565	12	63.4	11	1490.0	2	
	5563	13	63.3	16	1845.1	2	
	5564	14	72.9	13	1334.8	2	
	5563	15	76.3	15	1327.8	1	
24	5566	1	85.3	7	1545.7	1	1
	5565	2	98.9	10	1755.2	2	
	5566	3	84.6	7	1560.3	3	
	5565	4	64.3	10	1107.4	1	
	5565	5	59.3	11	1648.7	3	
	5567	6	55.9	6	1534.5	2	
	5563	7	67.4	16	1874.3	3	
	5565	8	91.5	9	1613.5	3	
	5563	9	99.1	15	1026.8	3	
	5564	10	81.2	12	1579.0	3	
	5561	11	76.2	19	1714.3	2	
	5567	12	53.6	6	1816.5	2	
	5567	13	95.0	6	1790.5	1	
	5563	14	82.2	14	1211.9	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
25	5567	1	55.2	6	1327.9	3	1
	5563	2	87.7	14	1262.7	3	
	5564	3	72.2	12	1907.2	3	
	5565	4	81.8	11	1801.5	1	
	5562	5	94.7	18	1481.2	3	
	5563	6	63.6	16	1910.2	2	
	5561	7	57.0	19	1610.3	3	
	5564	8	59.2	13	1030.6	3	
	5563	9	95.9	16	1383.7	2	
	5566	10	95.1	8	1683.6	2	
	5565	11	66.0	10	1927.9	3	
	5563	12	93.5	14	1394.0	3	
	5561	13	62.3	20	1894.4	3	
	5562	14	61.6	17	1632.5	2	
	5566	15	73.1	7	1020.2	2	
	5567	16	95.0	6	1142.0	2	
	5565	17	50.6	10	1499.4	3	
	5562	18	99.1	17	1193.8	2	
26	5565	1	86.6	10	1274.1	2	1
	5564	2	81.6	12	1208.8	1	
	5565	3	66.0	11	1738.1	2	
	5563	4	74.8	14	1429.9	1	
	5565	5	54.1	9	1741.1	3	
	5563	6	95.2	16	1471.3	1	
	5562	7	68.1	18	1295.7	1	
	5567	8	62.3	6	1089.8	3	
	5565	9	72.6	11	1423.0	2	
	5564	10	54.8	12	1386.4	2	
	5565	11	65.6	10	1186.9	1	
	5563	12	81.5	14	1835.6	1	
	5563	13	90.4	16	1038.1	3	
	5561	14	79.2	19	1151.7	1	
	5565	15	65.9	11	1045.6	3	
	5561	16	90.9	19	1441.8	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
27	5565	1	73.8	9	1278.5	1	1
	5564	2	94.2	13	1303.0	1	
	5563	3	60.9	15	1928.5	2	
	5562	4	57.3	17	1218.4	3	
	5563	5	85.1	15	1067.2	1	
	5562	6	74.9	17	1871.5	1	
	5565	7	66.9	11	1949.7	1	
	5562	8	84.2	17	1504.4	3	
	5564	9	95.3	13	1772.2	1	
	5561	10	88.3	19	1474.8	1	
	5563	11	55.2	14	1965.2	3	
	5564	12	70.8	13	1185.6	1	
	5566	13	60.0	7	1339.5	1	
	5564	14	78.3	13	1612.6	2	
	5563	15	99.6	15	1216.2	3	
	5562	16	61.5	18	1692.6	3	
	5566	17	63.2	8	1729.6	1	
	5564	18	50.2	12	1820.3	3	
	5562	19	51.0	18	1211.1	3	
	5564	20	53.2	13	1465.4	2	

Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
28	5565	1	92.0	9	1978.2	2	1
	5565	2	81.5	10	1127.3	2	
	5566	3	53.3	7	1305.3	1	
	5563	4	52.6	14	1847.4	2	
	5567	5	93.5	6	1854.0	3	
	5562	6	63.7	17	1223.3	3	
	5566	7	70.1	7	1150.5	2	
	5567	8	73.2	5	1147.7	3	
	5562	9	94.2	18	1214.2	3	
	5564	10	61.3	13	1704.5	2	
	5564	11	88.9	12	1899.6	2	
	5561	12	60.5	19	1385.9	2	
	5563	13	75.7	16	1800.5	2	
	5565	14	61.9	11	1372.8	2	
	5562	15	96.2	18	1509.3	3	
	5566	16	75.2	7	1512.3	3	
	5564	17	61.8	12	1901.0	2	
	5566	18	71.9	8	1612.2	3	
	5563	19	68.5	14	1088.9	3	
	5566	20	96.0	7	1045.3	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
29	5565	1	96.5	11	1980.7	3	1
	5564	2	56.1	12	1393.6	1	
	5566	3	81.4	7	1663.3	1	
	5565	4	66.8	10	1142.3	3	
	5565	5	80.4	9	1469.8	2	
	5565	6	98.7	10	1359.0	1	
	5565	7	94.1	10	1881.6	2	
	5565	8	94.3	10	1372.4	3	
	5565	9	66.2	11	1586.4	2	
	5567	10	50.0	6	1583.6	1	
	5567	11	95.0	6	1796.9	1	
	5566	12	86.0	8	1295.5	1	
	5561	13	55.9	20	1317.1	3	
	5565	14	77.0	10	1588.3	1	
	5563	15	61.1	14	1382.6	2	
	5561	16	89.0	19	1903.4	2	
	5564	17	50.3	13	1727.7	1	
30	5563	1	67.9	14	1766.7	3	1
	5562	2	95.7	18	1345.5	1	
	5561	3	88.0	19	1667.2	1	
	5561	4	88.7	20	1365.5	2	
	5565	5	63.1	10	1346.6	3	
	5565	6	79.6	11	1423.0	2	
	5564	7	77.3	13	1098.7	3	
	5565	8	88.5	9	1903.7	3	
	5563	9	86.9	15	1965.1	2	
	5564	10	83.6	12	1972.1	2	
	5563	11	66.3	15	1705.4	3	
	5561	12	65.0	20	1441.0	2	
	5561	13	88.5	20	1756.2	3	
	5567	14	67.1	5	1263.2	1	
Detection Percentage (%)							86.67

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	878	61	1139	1
2	5550	1	558	95	1792	1
3	5550	1	558	95	1792	1
4	5550	1	858	62	1166	1
5	5550	1	3066	18	326	1
6	5550	1	658	81	1520	1
7	5550	1	738	72	1355	1
8	5550	1	3066	18	326	1
9	5550	1	638	83	1567	1
10	5550	1	918	58	1089	1
11	5550	1	658	81	1520	1
12	5550	1	838	63	1193	1
13	5550	1	518	102	1931	1
14	5550	1	878	61	1139	1
15	5550	1	918	58	1089	1
16	5550	1	2471	22	405	1
17	5550	1	1011	53	989	1
18	5550	1	2432	22	411	1
19	5550	1	2102	26	476	1
20	5550	1	1175	45	851	1
21	5550	1	2470	22	405	1
22	5550	1	1602	33	624	1
23	5550	1	1014	53	986	1
24	5550	1	1532	35	653	0
25	5550	1	1396	38	716	1
26	5550	1	2735	20	366	1
27	5550	1	996	53	1004	1
28	5550	1	1792	30	558	1
29	5550	1	768	69	1302	1
30	5550	1	2263	24	442	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	4.20	151.60	29	6596	1
2	5550	1.40	185.10	28	5402	0
3	5550	3.80	210.80	23	4744	1
4	5550	1.30	171.80	25	5821	1
5	5550	1.10	189.40	23	5280	1
6	5550	1.00	194.20	27	5149	1
7	5550	1.60	215.40	23	4643	1
8	5550	4.10	153.90	25	6498	1
9	5550	1.40	177.20	25	5643	1
10	5550	3.60	208.90	27	4787	1
11	5550	4.20	183.50	24	5450	1
12	5550	4.10	203.80	26	4907	1
13	5550	2.60	170.10	29	5879	1
14	5550	3.70	184.50	24	5420	1
15	5550	5.00	157.80	25	6337	1
16	5550	1.40	169.40	28	5903	1
17	5550	3.00	181.90	25	5498	1
18	5550	1.60	215.10	26	4649	1
19	5550	1.30	214.80	28	4655	1
20	5550	2.20	208.50	26	4796	1
21	5550	4.90	222.40	26	4496	1
22	5550	4.90	162.20	29	6165	1
23	5550	2.40	220.70	28	4531	1
24	5550	3.50	198.50	27	5038	0
25	5550	2.60	155.80	24	6418	1
26	5550	2.40	169.70	26	5893	1
27	5550	4.70	160.20	29	6242	1
28	5550	3.60	185.90	26	5379	1
29	5550	3.70	164.20	23	6090	1
30	5550	3.00	189.10	26	5288	1
Detection Percentage (%)						93.33

Test Mode		Mode 2				
Frequency		5550 MHz				
Radar Signal		Type 3				
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5550	6.80	261.30	18	3827.02	1
2	5550	7.70	478.20	18	2091.18	1
3	5550	9.50	355.80	16	2810.57	0
4	5550	8.20	415.30	16	2407.90	1
5	5550	6.50	381.80	16	2619.17	1
6	5550	8.60	308.40	16	3242.54	1
7	5550	9.60	484.90	18	2062.28	1
8	5550	7.00	290.40	17	3443.53	1
9	5550	7.30	200.40	16	4990.02	1
10	5550	7.60	333.10	16	3002.10	1
11	5550	6.40	363.00	18	2754.82	1
12	5550	8.70	459.80	16	2174.86	1
13	5550	8.90	430.00	16	2325.58	1
14	5550	7.40	317.20	18	3152.59	1
15	5550	6.80	244.70	18	4086.64	1
16	5550	8.60	446.80	16	2238.14	0
17	5550	8.20	254.10	16	3935.46	1
18	5550	6.80	491.00	16	2036.66	1
19	5550	7.30	235.60	18	4244.48	1
20	5550	7.20	248.70	17	4020.91	1
21	5550	6.70	234.00	16	4273.50	1
22	5550	9.80	297.40	17	3362.47	0
23	5550	9.60	484.70	17	2063.13	1
24	5550	6.60	212.80	17	4699.25	1
25	5550	8.20	462.90	17	2160.29	1
26	5550	8.10	466.70	17	2142.70	1
27	5550	7.70	497.40	16	2010.45	1
28	5550	8.30	453.00	17	2207.51	1
29	5550	8.00	473.50	16	2111.93	0
30	5550	8.40	331.00	16	3021.15	1
Detection Percentage (%)						86.67

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	12.80	217.80	13	4591	1
2	5550	15.70	315.80	13	3167	1
3	5550	11.20	243.70	15	4103	0
4	5550	17.00	302.30	12	3308	1
5	5550	18.10	240.20	14	4163	1
6	5550	14.80	464.70	13	2152	1
7	5550	17.90	445.50	12	2245	1
8	5550	11.10	439.40	15	2276	1
9	5550	16.80	394.90	14	2532	1
10	5550	16.20	290.70	15	3440	1
11	5550	19.10	279.80	13	3574	0
12	5550	15.30	387.70	12	2579	1
13	5550	17.30	395.10	14	2531	1
14	5550	19.20	398.20	13	2511	1
15	5550	14.50	278.60	12	3589	1
16	5550	15.70	390.70	14	2560	1
17	5550	15.90	394.80	13	2533	0
18	5550	13.00	350.90	15	2850	1
19	5550	17.60	476.90	12	2097	1
20	5550	19.70	419.00	16	2387	1
21	5550	13.50	468.80	15	2133	1
22	5550	15.50	342.80	12	2917	1
23	5550	15.40	312.00	12	3205	1
24	5550	18.30	376.00	14	2660	1
25	5550	13.40	428.40	14	2334	1
26	5550	18.00	470.60	12	2125	0
27	5550	17.80	235.70	13	4243	1
28	5550	13.50	418.90	12	2387	1
29	5550	17.90	468.10	13	2136	1
30	5550	19.00	255.50	16	3914	1
Detection Percentage (%)						86.67

Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
1	5538.5	1	94.9	18	1320.3	2	1
	5533.5	2	76.8	6	1343.0	3	
	5537.5	3	81.0	16	1202.4	3	
	5534.5	4	82.7	7	1552.2	1	
	5535.5	5	75.7	11	1440.7	1	
	5536.5	6	65.9	13	1702.6	3	
	5534.5	7	83.3	7	1936.9	3	
	5536.5	8	83.7	12	1495.6	2	
	5534.5	9	89.6	8	1921.6	2	
	5533.5	10	76.0	6	1392.0	1	
	5534.5	11	74.4	7	1440.1	3	
2	5534.5	1	74.0	8	1995.8	1	1
	5535.5	2	75.5	10	1487.4	1	
	5537.5	3	80.7	14	1613.4	3	
	5536.5	4	53.3	13	1010.2	2	
	5534.5	5	74.5	8	1000.6	2	
	5535.5	6	54.9	11	1905.9	1	
	5535.5	7	57.0	11	1301.4	3	
	5535.5	8	99.8	11	1011.7	3	
	5537.5	9	63.5	15	1070.1	1	
	5538.5	10	59.2	17	1450.1	1	
	5535.5	11	71.9	9	1440.5	2	
	5535.5	12	70.8	10	1191.1	2	
3	5537.5	1	98.9	16	1654.7	1	1
	5534.5	2	97.2	7	1730.6	3	
	5535.5	3	86.2	9	1579.4	3	
	5534.5	4	96.7	7	1083.3	3	
	5537.5	5	56.4	16	1745.7	1	
	5533.5	6	58.7	6	1880.7	1	
	5533.5	7	89.2	6	1985.7	3	
	5537.5	8	64.7	15	1237.4	1	
	5535.5	9	54.8	10	1865.3	1	
	5535.5	10	76.7	11	1719.8	3	
	5535.5	11	69.9	9	1593.7	3	
	5539.5	12	79.8	20	1252.5	2	
	5536.5	13	83.8	12	1799.7	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
4	5535.5	1	52.1	10	1509.9	3	1
	5534.5	2	63.3	7	1227.5	2	
	5538.5	3	56.1	18	1289.8	2	
	5535.5	4	60.0	10	1811.0	3	
	5535.5	5	56.3	9	1528.3	2	
	5533.5	6	60.9	6	1700.8	1	
	5537.5	7	55.0	15	1551.6	1	
	5539.5	8	69.1	19	1658.9	3	
	5536.5	9	85.8	13	1364.8	1	
5	5539.5	1	99.9	20	1456.4	1	1
	5536.5	2	65.5	12	1165.5	1	
	5535.5	3	73.9	10	1362.9	3	
	5534.5	4	83.5	7	1675.6	1	
	5538.5	5	80.5	17	1120.4	1	
	5535.5	6	88.0	10	1397.3	1	
	5534.5	7	80.0	7	1186.1	2	
	5538.5	8	86.2	18	1419.9	1	
	5538.5	9	81.9	17	1171.2	3	
	5539.5	10	54.5	20	1256.5	3	
	5539.5	11	97.0	20	1393.3	3	
	5539.5	12	75.0	20	1139.1	3	
	5536.5	13	90.9	12	1892.8	1	
	5539.5	14	74.5	19	1671.8	3	
	5533.5	15	53.3	6	1135.6	3	
6	5538.5	1	96.5	17	1484.8	2	1
	5539.5	2	96.1	19	1440.5	2	
	5534.5	3	68.8	8	1961.2	1	
	5533.5	4	60.8	6	1198.6	3	
	5533.5	5	57.3	6	1725.0	2	
	5534.5	6	68.4	8	1774.4	3	
	5536.5	7	60.7	13	1765.7	2	
	5534.5	8	66.1	7	1038.8	3	
	5537.5	9	88.9	14	1905.4	1	
	5534.5	10	86.4	8	1105.1	2	
	5536.5	11	86.1	13	1654.7	1	
	5539.5	12	86.5	19	1062.1	3	
	5537.5	13	59.8	15	1727.2	3	
	5534.5	14	61.9	7	1869.5	1	

Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
7	5534.5	1	54.1	8	1314.5	3	1
	5534.5	2	75.4	8	1375.8	1	
	5535.5	3	85.5	9	1848.7	2	
	5534.5	4	90.4	7	1041.4	2	
	5536.5	5	65.5	12	1797.1	1	
	5534.5	6	95.8	7	1137.6	1	
	5539.5	7	92.8	19	1708.5	3	
	5539.5	8	71.6	20	1263.6	1	
	5534.5	9	75.3	8	1681.7	3	
	5538.5	10	59.1	18	1889.8	1	
	5538.5	11	71.4	18	1670.4	1	
	5534.5	12	58.7	7	1704.4	2	
	5534.5	13	82.1	8	1375.8	2	
	5533.5	14	55.0	5	1093.2	3	
	5537.5	15	57.8	14	1911.4	2	
	5539.5	16	58.2	19	1074.6	3	
	5534.5	17	88.0	7	1600.1	3	
8	5536.5	1	92.7	13	1783.3	1	1
	5535.5	2	96.7	11	1398.6	2	
	5533.5	3	57.0	6	1405.1	1	
	5536.5	4	58.1	12	1231.9	1	
	5538.5	5	85.8	18	1892.1	1	
	5537.5	6	98.6	15	1551.5	1	
	5538.5	7	95.1	17	1363.8	2	
	5536.5	8	57.0	13	1185.3	2	
	5533.5	9	68.2	6	1209.2	2	
	5537.5	10	65.6	15	1887.8	1	
	5539.5	11	95.3	19	1865.4	1	
	5536.5	12	57.8	13	1184.4	2	
	5537.5	13	54.1	14	1055.2	3	
	5536.5	14	86.4	12	1858.4	2	
	5538.5	15	91.8	18	1745.9	2	
	5535.5	16	61.6	9	1596.2	3	
	5535.5	17	87.2	11	1388.9	1	
	5535.5	18	64.4	11	1736.9	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
9	5536.5	1	51.9	12	1185.4	1	1
	5538.5	2	78.1	17	1025.5	1	
	5534.5	3	79.5	7	1157.7	3	
	5534.5	4	51.3	7	1270.1	3	
	5536.5	5	94.8	13	1770.8	2	
	5534.5	6	60.0	8	1904.1	2	
	5535.5	7	80.8	11	1337.0	1	
	5538.5	8	87.9	18	1674.5	3	
	5537.5	9	70.0	14	1449.7	3	
	5534.5	10	53.8	8	1212.8	1	
	5539.5	11	81.0	19	1702.9	1	
	5534.5	12	88.8	8	1460.3	1	
	5533.5	13	83.2	6	1318.2	2	
	5538.5	14	66.6	18	1241.4	3	
	5534.5	15	57.3	8	1729.3	3	
	5539.5	16	60.8	20	1382.0	1	
	5537.5	17	76.0	15	1480.8	3	
	5536.5	18	74.1	12	1386.8	1	
	5537.5	19	85.2	15	1090.8	1	
10	5533.5	1	93.5	6	1064.1	3	1
	5538.5	2	54.8	17	1614.3	1	
	5533.5	3	87.4	6	1480.7	2	
	5534.5	4	91.3	8	1140.5	3	
	5533.5	5	84.0	6	1525.7	1	
	5533.5	6	62.9	5	1988.4	2	
	5538.5	7	54.9	17	1542.6	1	
	5537.5	8	50.0	15	1712.5	1	

Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
11	5550	1	88.0	8	1754.3	2	1
	5550	2	53.5	6	1464.9	1	
	5550	3	92.0	18	1537.5	3	
	5550	4	96.7	8	1525.7	2	
	5550	5	74.6	19	1658.1	3	
	5550	6	50.7	11	1326.4	1	
	5550	7	97.4	8	1533.0	2	
	5550	8	99.5	10	1421.5	1	
	5550	9	75.9	11	1699.1	3	
	5550	10	66.9	8	1348.1	2	
	5550	11	54.4	15	1617.8	3	
	5550	12	82.1	12	1096.6	1	
	5550	13	95.6	7	1593.1	3	
	5550	14	88.9	6	1631.6	3	
	5550	15	87.9	6	1272.4	3	
	5550	16	50.8	20	1335.7	2	
12	5550	1	58.3	12	1545.5	2	1
	5550	2	69.2	10	1452.6	1	
	5550	3	71.5	13	1058.9	2	
	5550	4	72.2	14	1248.6	1	
	5550	5	60.4	20	1451.3	1	
	5550	6	69.0	19	1390.2	2	
	5550	7	79.5	16	1603.5	3	
	5550	8	81.4	13	1212.6	2	
	5550	9	96.6	16	1435.7	2	
	5550	10	71.1	9	1701.2	1	
	5550	11	87.8	12	1609.0	1	
	5550	12	70.8	6	1926.0	3	
	5550	13	52.9	12	1613.6	1	
	5550	14	97.1	19	1715.2	3	
	5550	15	95.8	16	1369.1	1	
	5550	16	60.3	14	1901.0	2	
	5550	17	55.2	12	1013.4	1	
	5550	18	71.9	5	1548.2	2	
	5550	19	95.3	20	1383.0	3	
	5550	20	76.7	12	1216.8	2	

Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
13	5550	1	67.8	17	1483.7	3	1
	5550	2	79.2	7	1303.7	1	
	5550	3	72.4	17	1764.5	3	
	5550	4	58.2	19	1913.1	3	
	5550	5	91.3	8	1944.6	1	
	5550	6	76.6	12	1185.4	1	
	5550	7	67.4	6	1382.0	2	
	5550	8	66.7	16	1311.9	2	
	5550	9	79.3	7	1533.9	3	
	5550	10	77.1	6	1265.2	3	
14	5550	1	66.6	19	1079.4	1	1
	5550	2	76.4	17	1454.0	1	
	5550	3	97.3	15	1465.7	3	
	5550	4	57.2	16	1670.0	2	
	5550	5	89.8	8	1425.2	1	
	5550	6	68.5	12	1444.5	2	
	5550	7	68.2	15	1149.1	2	
	5550	8	55.1	18	1880.8	1	
	5550	9	54.7	11	1983.7	1	
	5550	10	53.1	20	1894.1	2	
	5550	11	94.6	12	1070.4	1	
	5550	12	52.4	18	1910.2	1	
	5550	13	95.2	5	1172.3	1	
	5550	14	72.6	7	1140.9	2	
	5550	15	74.8	9	1605.6	2	
	5550	16	93.4	7	1797.0	2	
	5550	17	95.7	5	1045.6	1	
	5550	18	52.1	16	1888.6	1	
	5550	19	64.8	18	1157.2	3	
	5550	20	91.1	6	1940.3	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	68.1	16	1414.2	2	1
	5550	2	52.5	8	1123.7	1	
	5550	3	95.9	6	1365.9	3	
	5550	4	57.2	19	1284.4	2	
	5550	5	81.4	9	1476.7	3	
	5550	6	91.9	16	1605.5	2	
	5550	7	60.5	11	1797.9	2	
	5550	8	99.5	13	1886.6	1	
	5550	9	73.4	13	1822.3	2	
	5550	10	80.8	10	1839.0	2	
	5550	11	83.1	19	1197.7	2	
	5550	12	84.4	13	1090.6	2	
	5550	13	77.1	10	1942.4	2	
	5550	14	82.0	9	1265.9	3	
	5550	15	63.8	18	1049.3	2	
	5550	16	100.0	15	1852.0	2	
	5550	17	95.2	9	1466.8	1	
	5550	18	52.3	5	1730.3	2	
	5550	19	90.2	12	1484.0	1	
16	5550	1	50.5	10	1856.3	3	1
	5550	2	67.9	15	1163.1	3	
	5550	3	59.7	8	1750.7	3	
	5550	4	97.2	10	1268.8	2	
	5550	5	63.9	16	1923.4	3	
	5550	6	88.0	9	1869.2	3	
	5550	7	85.7	6	1026.7	3	
	5550	8	67.1	15	1854.3	1	
	5550	9	97.0	11	1268.7	3	
	5550	10	86.6	14	1015.6	2	
	5550	11	58.9	6	1585.8	2	
	5550	12	64.7	15	1157.5	3	
	5550	13	68.4	16	1096.4	1	
	5550	14	59.3	9	1445.1	1	
	5550	15	73.8	18	1412.2	2	
	5550	16	59.0	9	1454.5	2	
	5550	17	86.1	19	1258.5	1	
	5550	18	63.2	12	1061.2	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
17	5550	1	53.6	18	1964.1	2	1
	5550	2	91.0	19	1373.4	2	
	5550	3	86.0	13	1790.3	1	
	5550	4	60.3	17	1251.4	3	
	5550	5	83.8	19	1798.2	1	
	5550	6	77.3	17	1978.5	2	
	5550	7	61.1	5	1927.0	1	
	5550	8	71.7	6	1952.2	1	
	5550	9	67.9	16	1323.1	1	
	5550	10	88.0	5	1909.1	2	
	5550	11	93.2	15	1331.5	3	
	5550	12	80.8	9	1657.7	1	
	5550	13	77.5	13	1758.2	1	
	5550	14	95.3	5	1418.6	3	
	5550	15	76.4	18	1138.6	3	
	5550	16	78.2	11	1342.6	2	
	5550	17	84.7	9	1005.2	2	
18	5550	1	62.7	6	1696.1	3	1
	5550	2	50.4	15	1906.6	2	
	5550	3	71.3	6	1481.8	2	
	5550	4	79.3	16	1054.5	2	
	5550	5	89.8	8	1034.7	2	
	5550	6	66.3	9	1193.8	3	
	5550	7	50.4	5	1918.4	1	
	5550	8	93.5	13	1757.5	1	
	5550	9	88.6	6	1971.8	3	
	5550	10	61.0	15	1865.5	1	
	5550	11	50.2	7	1093.9	3	
	5550	12	77.4	15	1225.0	3	
	5550	13	60.3	16	1147.2	1	
	5550	14	59.4	9	1332.6	3	
	5550	15	84.9	17	1337.2	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
19	5550	1	89.5	8	1216.1	1	1
	5550	2	66.4	8	1775.8	3	
	5550	3	81.0	11	1066.6	2	
	5550	4	66.0	15	1848.4	3	
	5550	5	54.9	8	1881.0	2	
	5550	6	91.1	8	1732.8	2	
	5550	7	54.6	12	1822.6	2	
	5550	8	59.7	10	1518.4	3	
	5550	9	99.8	19	1436.6	3	
	5550	10	59.4	7	1778.3	3	
	5550	11	93.0	18	1681.1	2	
	5550	12	53.5	17	1047.2	1	
	5550	13	70.8	12	1045.3	1	
	5550	14	79.3	6	1603.9	2	
20	5550	1	72.3	7	1673.9	1	1
	5550	2	64.4	14	1374.9	3	
	5550	3	68.2	18	1276.4	2	
	5550	4	94.6	6	1742.3	3	
	5550	5	87.6	13	1347.1	2	
	5550	6	67.8	15	1655.3	3	
	5550	7	54.9	6	1690.8	3	
	5550	8	88.8	6	1551.5	1	
	5550	9	96.4	9	1865.9	3	
	5550	10	88.5	10	1538.7	3	
21	5563.5	1	91.9	12	1132.3	3	0
	5560.5	2	89.2	19	1966.0	3	
	5563.5	3	62.8	12	1914.3	2	
	5564.5	4	90.8	10	1530.6	2	
	5560.5	5	99.7	19	1308.0	2	
	5561.5	6	97.3	17	1253.4	3	
	5565.5	7	53.0	7	1433.6	2	
	5561.5	8	92.5	18	1416.2	1	
	5564.5	9	71.1	9	1888.3	3	
	5563.5	10	65.5	12	1136.6	1	
	5566.5	11	55.2	5	1353.7	1	
	5563.5	12	79.0	13	1244.9	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
22	5560.5	1	99.8	19	1726.6	3	1
	5561.5	2	54.4	18	1371.0	3	
	5561.5	3	83.2	17	1004.1	3	
	5562.5	4	85.7	15	1239.4	2	
	5561.5	5	90.2	17	1481.0	3	
	5562.5	6	58.9	15	1050.8	2	
	5562.5	7	77.0	15	1441.5	3	
	5562.5	8	86.0	16	1344.4	3	
	5564.5	9	57.7	11	1808.8	1	
23	5562.5	1	85.7	14	1622.0	3	1
	5561.5	2	96.1	18	1662.1	2	
	5560.5	3	51.7	20	1630.3	1	
	5566.5	4	57.0	6	1713.6	3	
	5562.5	5	69.7	16	1619.0	2	
	5564.5	6	56.8	9	1709.0	2	
	5564.5	7	56.2	11	1939.9	3	
	5566.5	8	55.8	6	1173.8	3	
	5562.5	9	61.0	15	1841.4	1	
	5564.5	10	77.5	9	1542.5	3	
	5563.5	11	76.3	12	1152.5	1	
	5562.5	12	92.7	15	1495.2	1	
	5566.5	13	67.7	6	1863.1	1	
	5562.5	14	57.1	16	1743.3	3	
	5563.5	15	54.4	13	1668.5	1	
24	5561.5	1	95.0	18	1798.6	1	1
	5566.5	2	63.4	6	1451.8	2	
	5565.5	3	96.4	8	1040.8	3	
	5562.5	4	62.2	16	1776.8	2	
	5565.5	5	85.9	7	1323.3	1	
	5561.5	6	91.0	17	1959.9	2	
	5562.5	7	83.3	14	1589.5	1	
	5563.5	8	86.6	13	1308.7	3	
	5562.5	9	93.8	16	1346.5	3	
	5564.5	10	89.0	9	1350.1	1	
	5564.5	11	66.6	9	1351.8	1	
	5566.5	12	67.3	5	1405.7	3	
	5563.5	13	87.6	12	1743.7	1	
	5565.5	14	71.5	8	1446.2	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	5565.5	1	62.5	8	1000.8	1	1
	5564.5	2	61.5	10	1426.7	2	
	5566.5	3	76.4	5	1027.7	2	
	5563.5	4	99.5	13	1828.7	1	
	5561.5	5	96.4	18	1343.9	1	
	5564.5	6	67.5	9	1757.7	3	
	5563.5	7	58.6	13	1742.7	3	
	5565.5	8	87.3	8	1575.8	2	
	5566.5	9	72.7	6	1674.8	2	
	5561.5	10	99.6	17	1894.0	2	
	5562.5	11	86.2	16	1865.1	3	
	5562.5	12	91.2	16	1354.2	2	
	5563.5	13	57.2	12	1636.1	3	
	5566.5	14	66.9	6	1449.8	2	
	5562.5	15	55.4	14	1658.4	3	
	5565.5	16	93.9	7	1336.6	1	
	5561.5	17	91.1	17	1507.3	2	
	5561.5	18	71.0	18	1600.0	2	
26	5564.5	1	89.7	9	1128.8	1	0
	5560.5	2	75.7	19	1826.8	1	
	5562.5	3	86.6	15	1266.6	1	
	5561.5	4	91.4	18	1877.4	1	
	5561.5	5	55.4	17	1177.4	3	
	5566.5	6	99.3	6	1424.2	2	
	5564.5	7	94.0	9	1683.5	2	
	5560.5	8	69.9	19	1459.7	3	
	5562.5	9	53.8	16	1096.4	3	
	5563.5	10	72.3	12	1520.7	1	
	5564.5	11	99.7	11	1424.3	2	
	5560.5	12	65.4	19	1374.1	1	
	5561.5	13	61.3	18	1569.7	3	
	5563.5	14	85.2	12	1856.1	1	
	5563.5	15	64.0	13	1884.3	3	
	5561.5	16	57.2	18	1709.2	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
27	5561.5	1	99.5	17	1538.7	1	1
	5562.5	2	84.7	15	1296.5	2	
	5565.5	3	99.3	7	1259.9	2	
	5560.5	4	63.8	20	1962.0	3	
	5561.5	5	80.1	18	1868.2	1	
	5562.5	6	88.3	14	1667.9	2	
	5566.5	7	79.1	6	1895.4	2	
	5566.5	8	86.0	6	1377.2	2	
	5561.5	9	58.7	17	1584.0	3	
	5562.5	10	81.2	15	1510.6	3	
	5566.5	11	87.2	5	1167.2	1	
	5562.5	12	78.3	14	1139.0	3	
	5561.5	13	82.4	18	1672.6	3	
	5561.5	14	63.3	17	1393.6	3	
	5561.5	15	90.5	18	1684.4	3	
	5566.5	16	69.4	6	1320.2	1	
	5566.5	17	58.3	6	1884.8	1	
	5564.5	18	69.9	10	1379.2	3	
	5564.5	19	65.3	11	1760.3	1	
	5562.5	20	60.5	14	1992.5	3	

Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
28	5563.5	1	77.0	13	1610.6	1	1
	5560.5	2	67.3	19	1081.8	2	
	5561.5	3	88.6	18	1725.2	1	
	5563.5	4	61.6	12	1437.2	1	
	5561.5	5	53.2	17	1259.6	1	
	5560.5	6	93.8	19	1747.5	1	
	5565.5	7	97.6	7	1672.1	2	
	5565.5	8	82.8	7	1823.4	2	
	5566.5	9	70.6	6	1991.8	1	
	5561.5	10	92.4	17	1981.0	1	
	5560.5	11	65.6	20	1073.1	3	
	5566.5	12	97.0	6	1701.7	2	
	5564.5	13	53.4	9	1753.5	2	
	5560.5	14	72.2	19	1954.0	3	
	5566.5	15	54.1	5	1340.7	1	
	5564.5	16	68.6	11	1180.7	3	
	5560.5	17	69.9	20	1873.1	3	
	5564.5	18	92.8	9	1493.2	1	
	5564.5	19	94.1	9	1990.3	2	
	5563.5	20	74.9	12	1556.0	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
29	5561.5	1	56.5	18	1344.4	2	1
	5561.5	2	97.9	18	1522.4	2	
	5566.5	3	83.5	6	1045.9	1	
	5562.5	4	55.6	16	1221.9	1	
	5563.5	5	96.5	12	1264.1	1	
	5562.5	6	83.1	16	1002.1	1	
	5561.5	7	83.9	18	1558.5	1	
	5563.5	8	72.8	13	1248.5	3	
	5564.5	9	88.6	9	1188.1	3	
	5560.5	10	97.8	20	1230.3	3	
	5561.5	11	62.3	17	1485.1	3	
	5565.5	12	99.0	8	1021.1	2	
	5561.5	13	62.2	18	1655.0	3	
	5564.5	14	63.1	11	1183.1	3	
	5564.5	15	71.5	10	1990.9	2	
	5566.5	16	81.9	5	1693.0	2	
	5566.5	17	72.8	5	1152.9	1	
30	5564.5	1	52.1	11	1916.7	1	1
	5563.5	2	83.2	12	1771.9	1	
	5565.5	3	61.1	8	1191.8	3	
	5564.5	4	83.0	11	1499.4	1	
	5564.5	5	58.7	11	1359.6	1	
	5564.5	6	56.5	9	1702.8	2	
	5562.5	7	58.6	16	1806.2	3	
	5562.5	8	92.5	16	1550.1	1	
	5562.5	9	90.8	14	1654.6	2	
	5565.5	10	66.4	7	1860.4	2	
	5564.5	11	95.6	10	1475.3	2	
	5564.5	12	74.5	11	1378.6	2	
	5563.5	13	57.0	13	1339.5	1	
	5563.5	14	95.0	12	1957.7	3	
Detection Percentage (%)							96.67

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	0
12	1	333	9	0.333	300	1
13	1	333	9	0.333	300	1
14	1	333	9	0.333	300	1
15	1	333	9	0.333	300	1
16	1	333	9	0.333	300	1
17	1	333	9	0.333	300	1
18	1	333	9	0.333	300	1
19	1	333	9	0.333	300	1
20	1	333	9	0.333	300	1
21	1	333	9	0.333	300	1
22	1	333	9	0.333	300	1
23	1	333	9	0.333	300	1
24	1	333	9	0.333	300	1
25	1	333	9	0.333	300	1
26	1	333	9	0.333	300	1
27	1	333	9	0.333	300	1
28	1	333	9	0.333	300	1
29	1	333	9	0.333	300	1
30	1	333	9	0.333	300	1
Detection Percentage (%)						96.67

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