

DFS Test Report

Applicant : Edimax Technology Co., Ltd.
Product Type : AC1300 Outdoor AP
Trade Name : EDIMAX
Model Number : EW-7429HOB , OAP1300 , GAP-429HOB
Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013
Receive Date : Jun. 23, 2017
Test Period : Jul. 21 ~ Nov. 9, 2017
Issue Date : Jan. 16, 2018

Issue by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 33465, Taiwan (R.O.C)
Tel : +886-3-2710188 / Fax : +886-3-2710190



Taiwan Accreditation Foundation accreditation number: 1330
Test Firm MRA designation number: TW0010

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Revision History

Rev.	Issue Date	Revisions	Revised By
00	Nov. 13, 2017	Initial Issue	Yao Chang
01	Jan. 16, 2018	Revised report information	Nina Lin

Verification of Compliance

Issued Date: Jan. 16, 2018

Applicant : Edimax Technology Co., Ltd.
Product Type : AC1300 Outdoor AP
Trade Name : EDIMAX
Model Number : EW-7429HOB , OAP1300 , GAP-429HOB
FCC ID : NDD9574291705
EUT Rated Voltage : DC 54V, 0.6A
Test Voltage : 120 Vac / 60 Hz
Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013
Test Result : Complied
Application Purpose : Class II permissive change

Performing Lab. : A Test Lab Techno Corp.
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Taoyuan City 33465, Taiwan (R.O.C)
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Taiwan Accreditation Foundation accreditation number: 1330
<http://www.atl-lab.com.tw/e-index.htm>

A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

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



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 Exercise Software.....	15
	4.3. Test Site Environment.....	15
5	Test Results.....	16
	5.1. Radar Waveforms and Traffic	16
	5.2. Channel Loading	31
	5.3. Channel Availability Check Time.....	33
	5.4. Channel Move Time and Channel Closing Transmission Time	36
	5.5. Non-Occupancy Period.....	40
	5.6. U-NII Detection Bandwidth	41
	5.7. Statistical Performance check.....	45

1 EUT Description

Applicant	Edimax Technology Co., Ltd. No.278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan				
Manufacturer	Edimax Technology Co., Ltd. No.278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan				
Product Type	AC1300 Outdoor AP				
Trade Name	EDIMAX				
Model Number	EW-7429HOB , OAP1300 , GAP-429HOB				
Model Number Different Description	Those model numbers differ from each other in selling region.				
FCC ID	NDD9574291705				
Class II Permissive Change	Add U-NII Band II function by software control.				
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels	
	IEEE 802.11a	U-NII Band II-A	5260 – 5320	4	
		U-NII Band II-C	5500 – 5720	12	
	IEEE 802.11n 5GHz 20 MHz / IEEE 802.11ac 20 MHz	U-NII Band II-A	5260 – 5320	4	
		U-NII Band II-C	5500 – 5720	12	
	IEEE 802.11n 5GHz 40 MHz / IEEE 802.11ac 40 MHz	U-NII Band II-A	5270 – 5310	2	
		U-NII Band II-C	5510 – 5710	6	
	IEEE 802.11ac 80 MHz	U-NII Band II-A	5290	1	
U-NII Band II-C		5530 –5690	3		
Modulation Type	OFDM				
Equipment Type (DFS)	Master				
Antenna information	Antenna	Model	Type	Frequency Band	Max. Gain (dBi)
	Ant-0 / Ant-1	98623PRSX000	Dipole Antenna (Reversed-SMA Connector)	U-NII Band II-A	6.22
				U-NII Band II-C	6.12
	Ant-0 / Ant-1	C095-510399-A	Dipole Antenna (Reversed-SMA Connector)	U-NII Band II-A	4
				U-NII Band II-C	4
Antenna Delivery	2TX (CDD/Beamforming on)				
Frequency Stability Specification	± 20 ppm				
Operate Temp. Range	-40 ~ +60 ℃				



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	
Test AP FCC ID	NDD9574291705	



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

Note : worst case_ANT Model : C095-510399-A



3 Dynamic Frequency Selection

3.1. Limits

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

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

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

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

**Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection**

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

Table 4: DFS Response Requirement Values

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



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


Table 5a: Pulse Repetition Intervals Values for Test A

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

Table 6 – Long Pulse Radar Test Signal

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

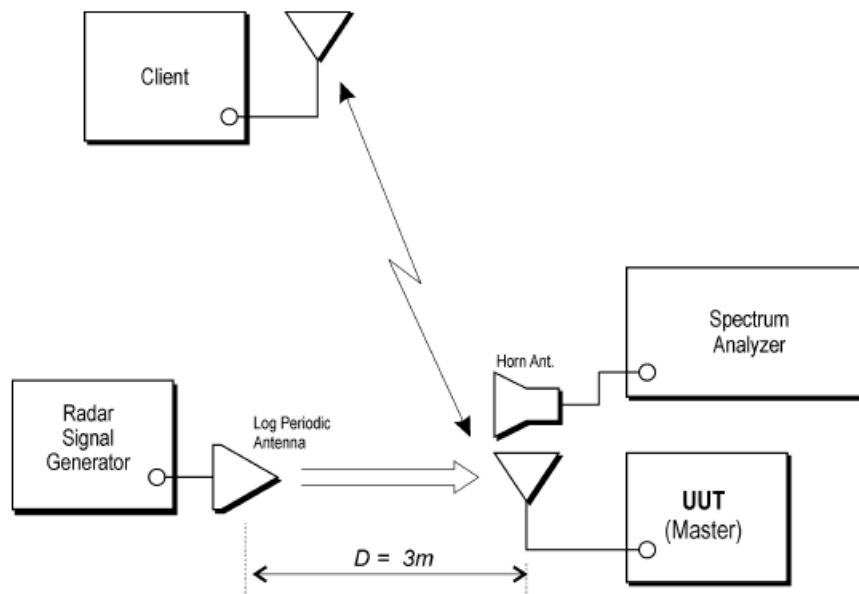
Table 7 – Frequency Hopping Radar Test Signal

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

3.2. Test and Measurement System

3.2.1. Setup for Master with injection at the Master

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



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

The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was (-63dBm). 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

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
EXA Spectrum Analyzer	Agilent	N9010A	MY48030518	11/04/2016	1 year
				11/21/2017	1 year
Signal Generator	Agilent	N5182B	MY53050382	05/24/2017	1 year
Double-Ridged Waveguide Horn	ETS-Lindgren	3117	00128055	09/08/2016	1 year
				09/08/2017	1 year
Double Ridged Horn Antenna	ETS	3117	00152321	08/31/2017	1 year
DFS Cable	ATL	DFS	009	10/12/2016	1 year
				10/12/2017	1 year
Microwave Cable	EMCI	EMC104-SM-SM-1 0000	150401	12/28/2016	1 year
Test Site	ATL	TE02	TE02	N.C.R.	-----

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

4 Test Methodology

4.1. Mode of Operation

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

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

IEEE 802.11ac 20MHz Link mode:

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

IEEE 802.11ac 40MHz Link mode:

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

IEEE 802.11ac 80MHz Link mode:

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

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.	Netgear Access Point	Netgear	R7800	FCC : PY35100319

4.2. EUT Exercise Software

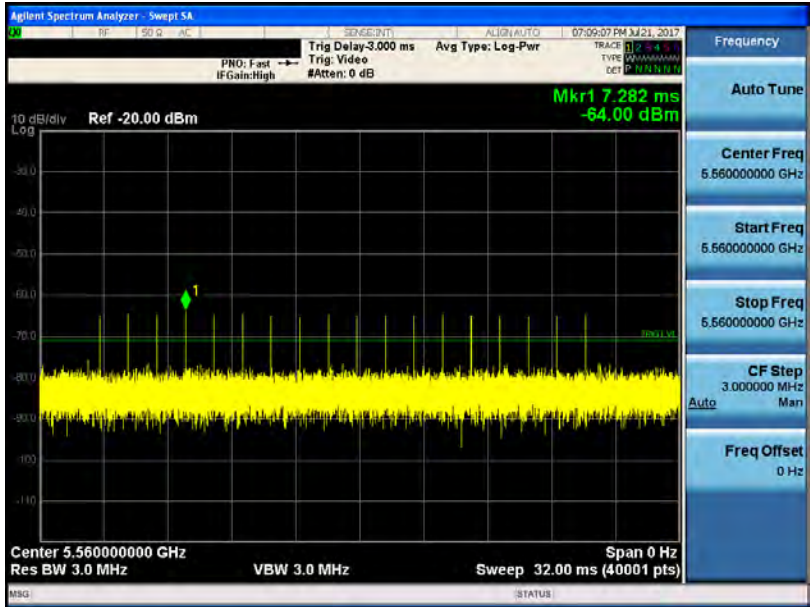
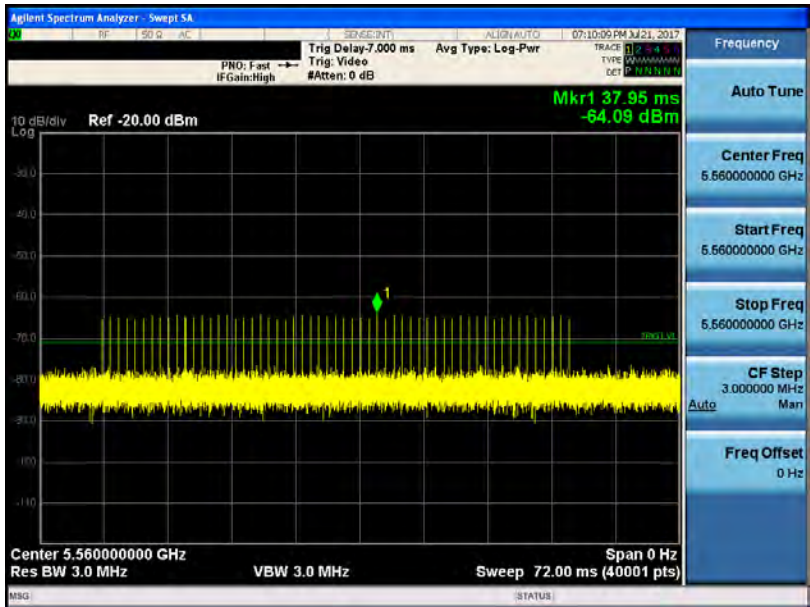
1.	Setup the EUT shown on 3.2.
2.	Turn on the power of all equipment.
3.	Turn on Wi-Fi function link to Notebook.
4.	The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement.

4.3. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	26
Humidity (%RH)	25-75	60
Barometric pressure (mbar)	860-1060	950

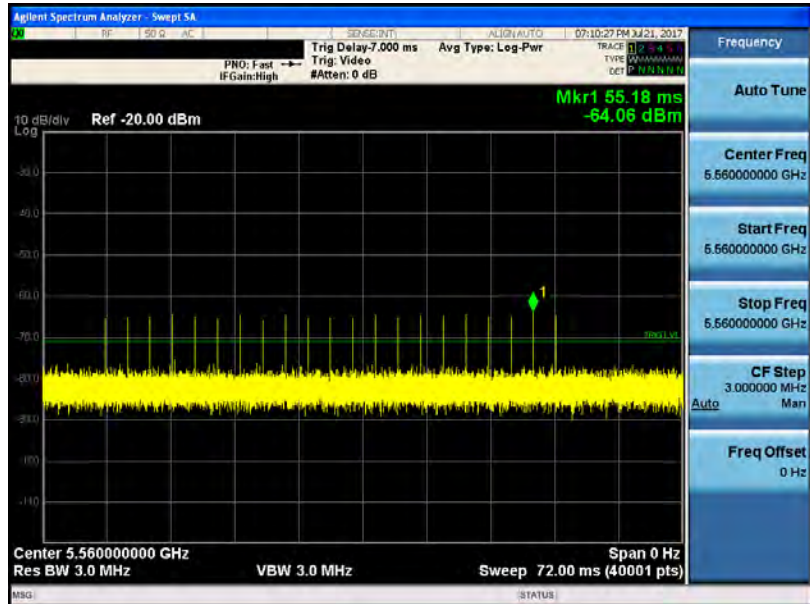
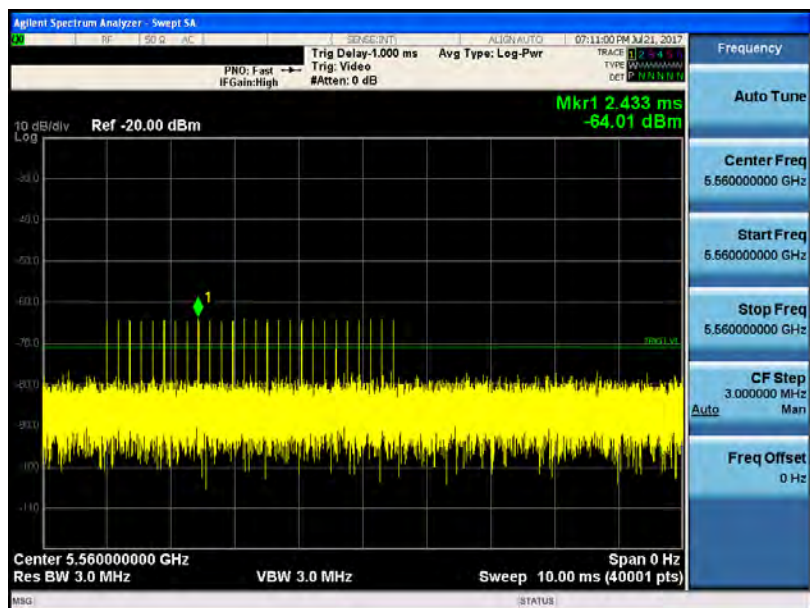
5 Test Results

5.1. Radar Waveforms and Traffic

Mode 1: IEEE 802.11ac 20MHz Link mode _ 5560MHz	
Short Pulse Radar Type 0	
Short Pulse Radar Type 1A	

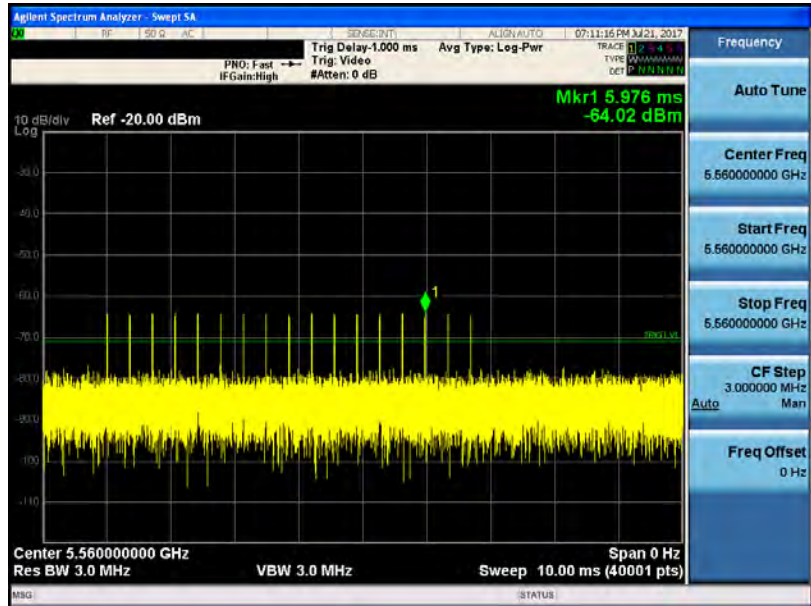


Mode 1: IEEE 802.11ac 20MHz Link mode _ 5560MHz

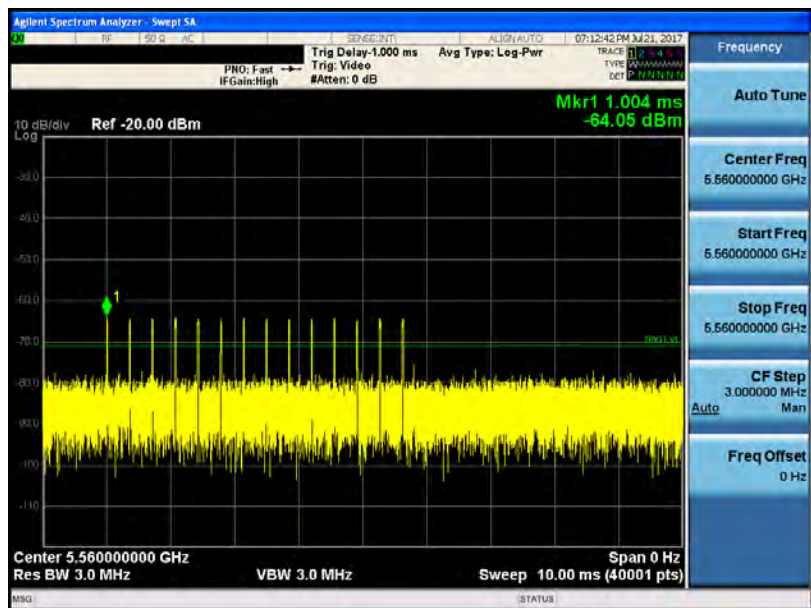
Short Pulse Radar
Type 1BShort Pulse Radar
Type 2

Mode 1: IEEE 802.11ac 20MHz Link mode _ 5560MHz

Short Pulse Radar
Type 3

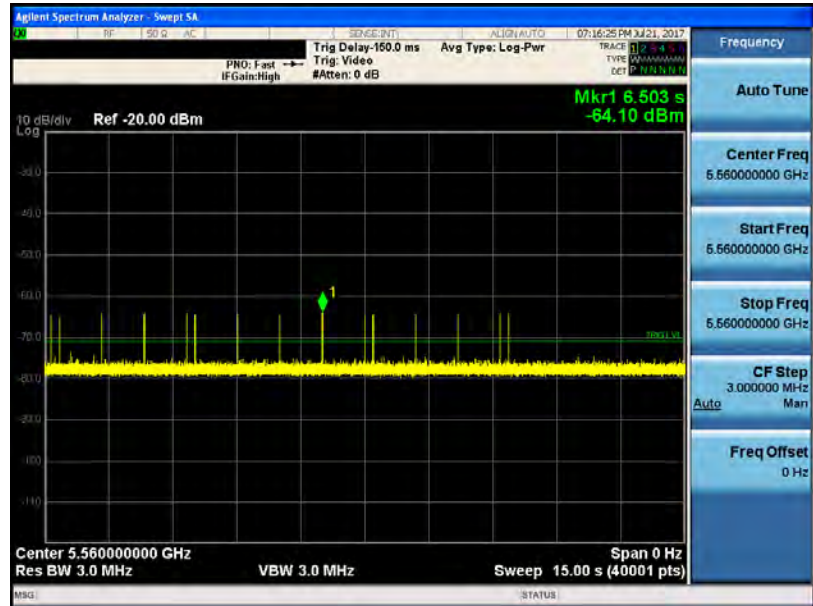


Short Pulse Radar
Type 4

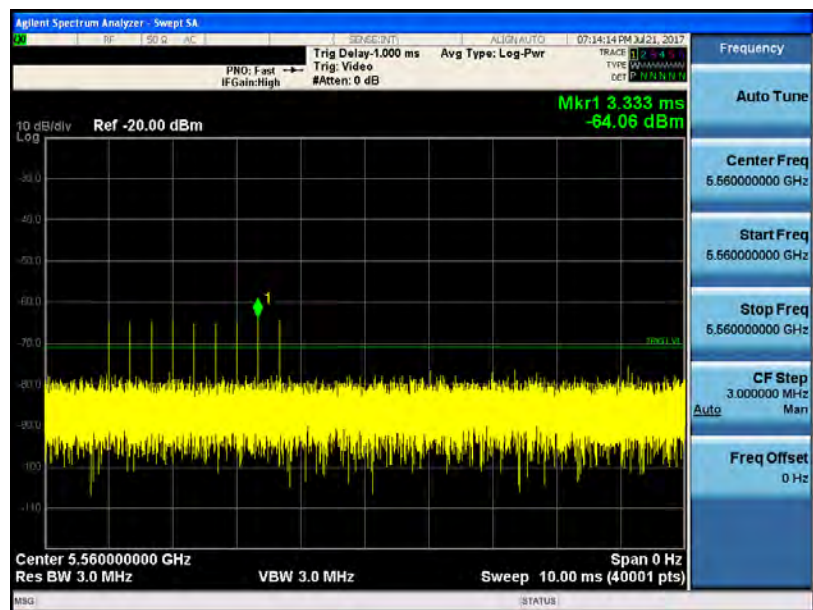


Mode 1: IEEE 802.11ac 20MHz Link mode _ 5560MHz

Long Pulse Radar
Type 5



Frequency Hopping
Radar
Type 6



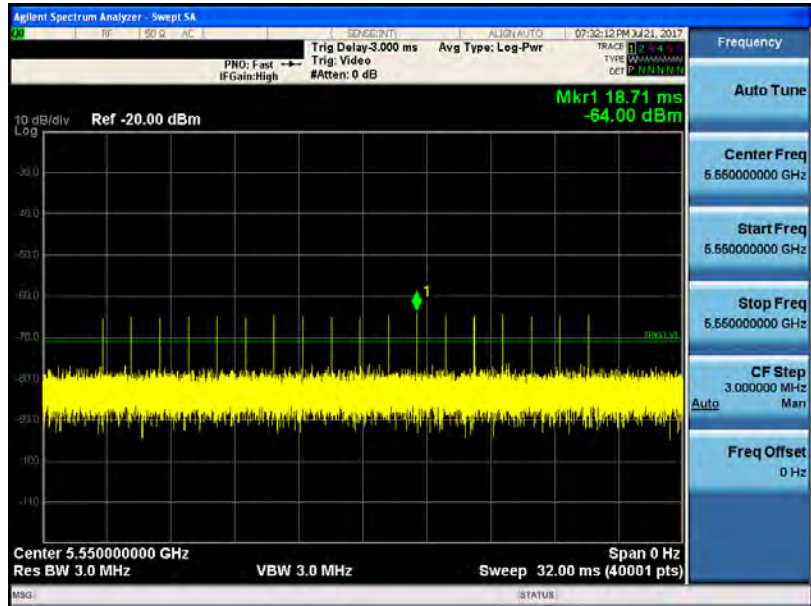
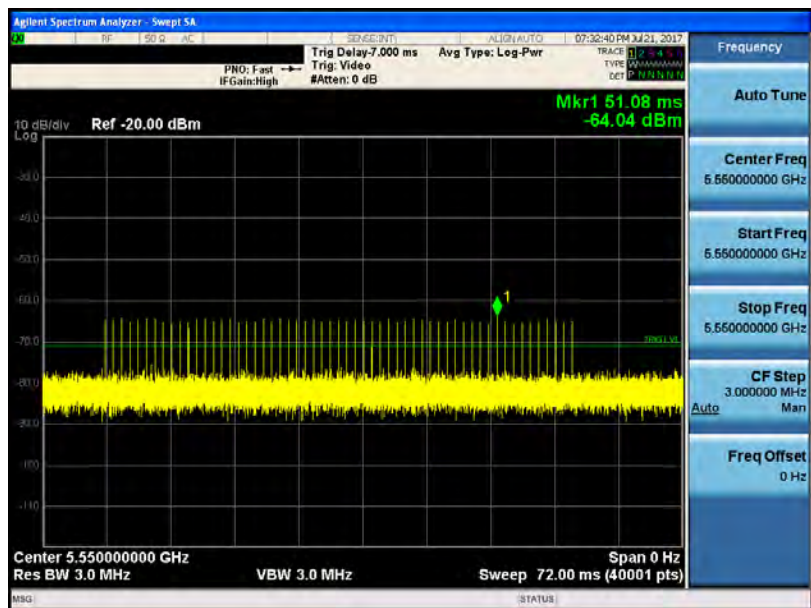


Mode 1: IEEE 802.11ac 20MHz Link mode _ 5560MHz

Traffic

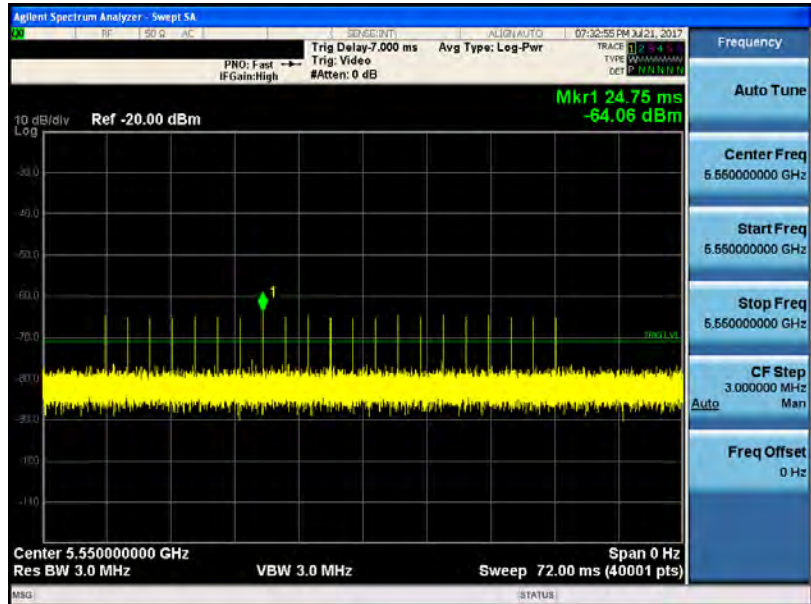
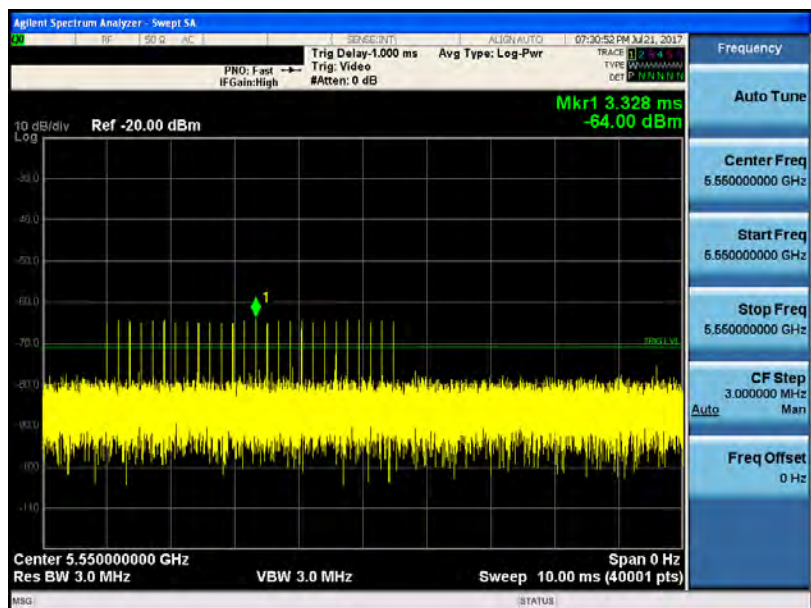


Mode 2: IEEE 802.11ac 40MHz Link mode _ 5550MHz

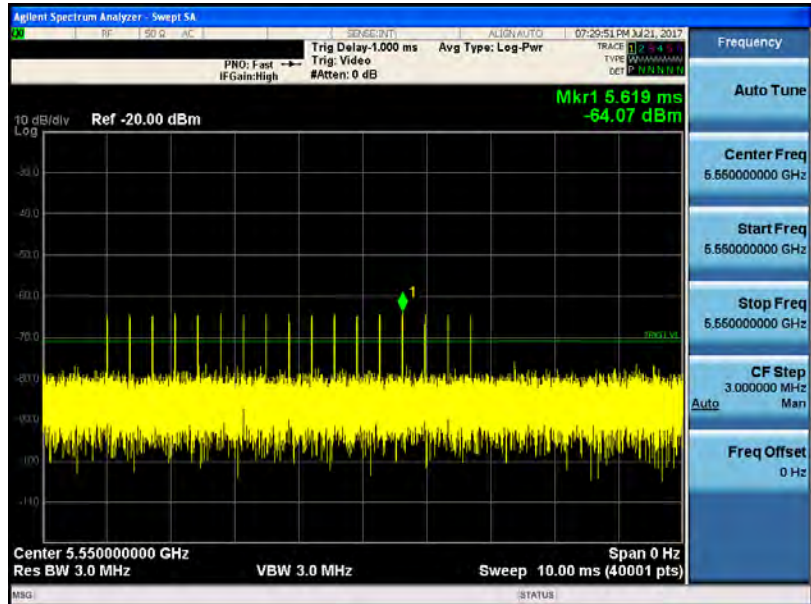
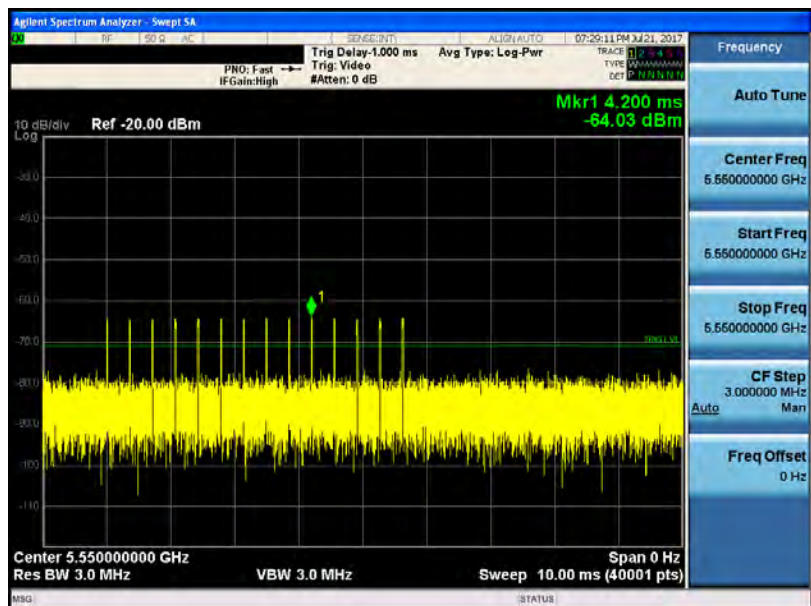
Short Pulse Radar
Type 0

Short Pulse Radar
Type 1A




Mode 2: IEEE 802.11ac 40MHz Link mode _ 5550MHz

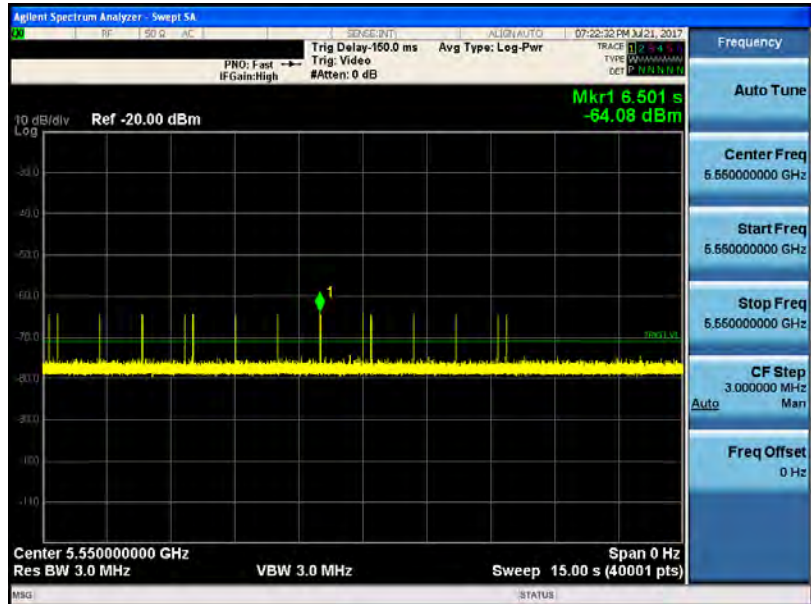
Short Pulse Radar
Type 1BShort Pulse Radar
Type 2

Mode 2: IEEE 802.11ac 40MHz Link mode _ 5550MHz

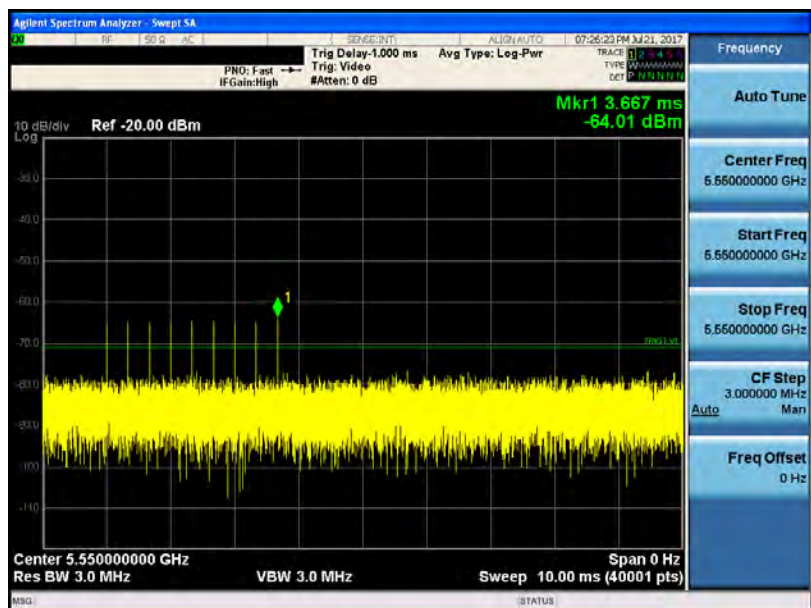
Short Pulse Radar
Type 3

Short Pulse Radar
Type 4


Mode 2: IEEE 802.11ac 40MHz Link mode _ 5550MHz

Long Pulse Radar
Type 5



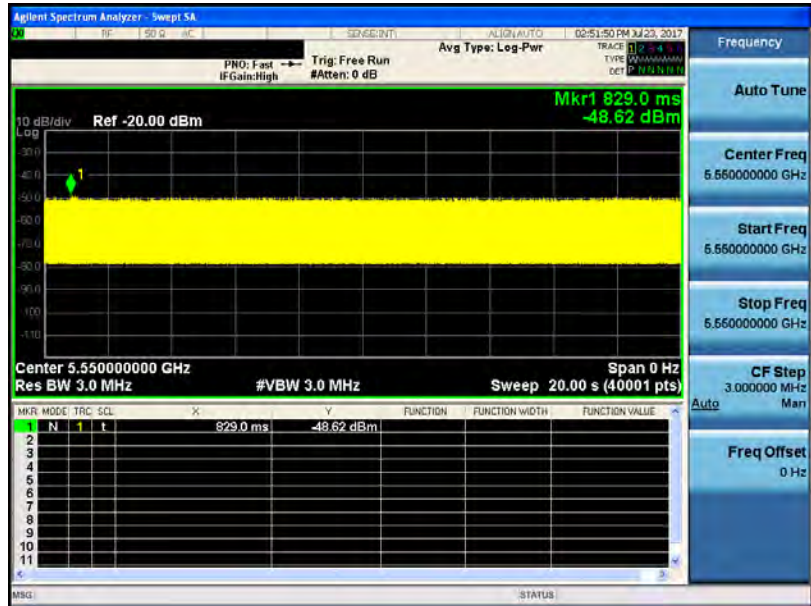
Frequency Hopping
Radar
Type 6



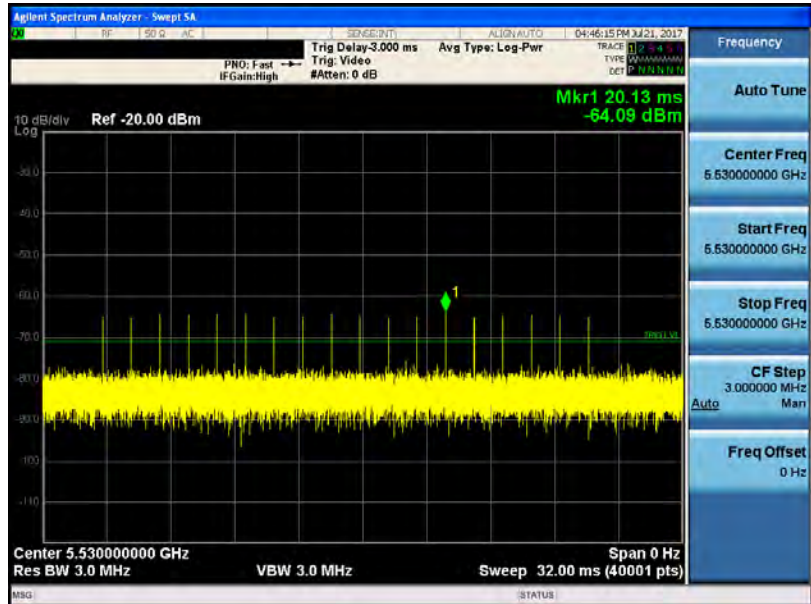
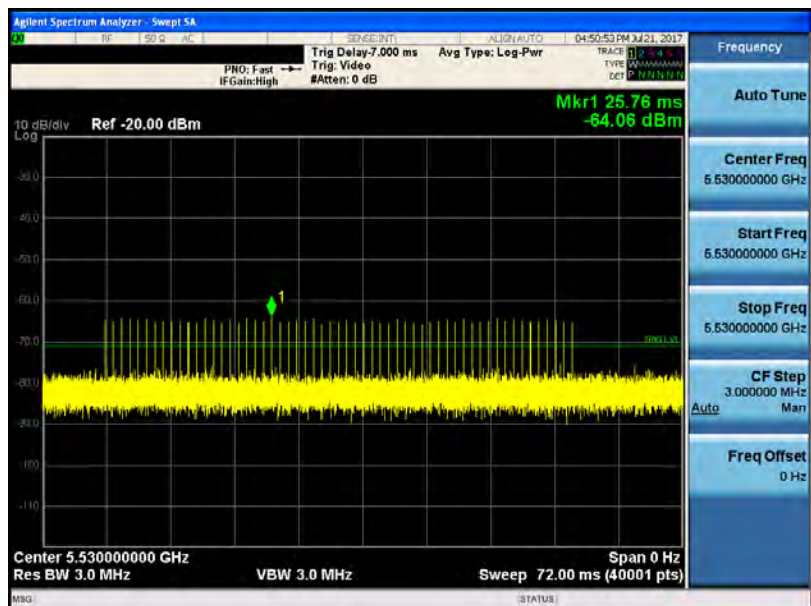


Mode 2: IEEE 802.11ac 40MHz Link mode _ 5550MHz

Traffic

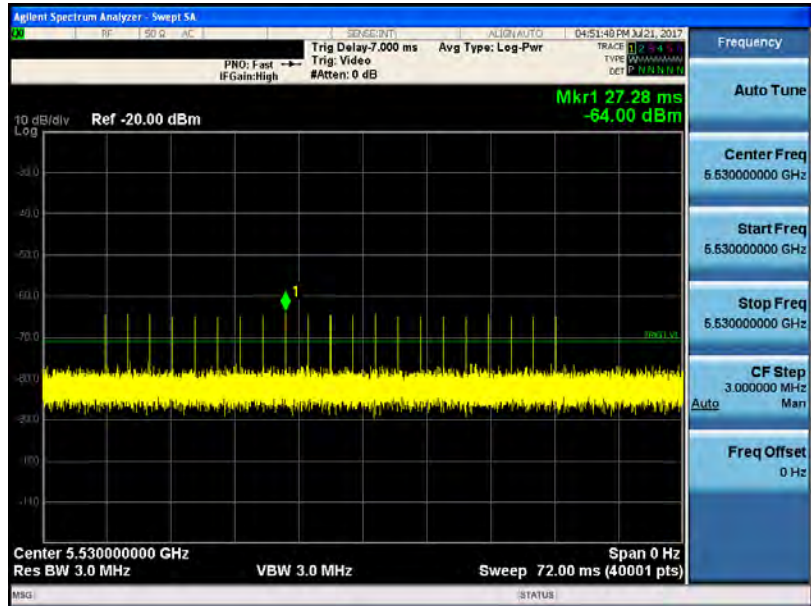


Mode 3: IEEE 802.11ac 80MHz Link mode _ 5530MHz

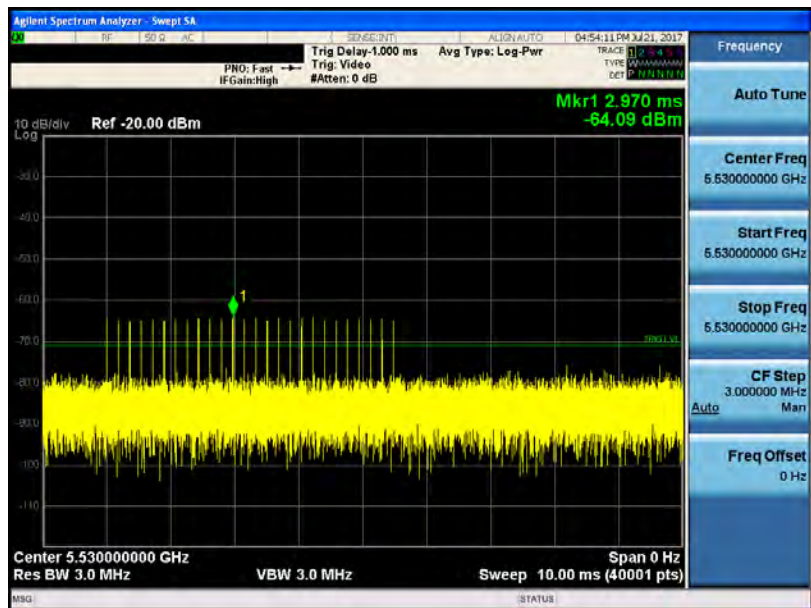
Short Pulse Radar
Type 0

Short Pulse Radar
Type 1A


Mode 3: IEEE 802.11ac 80MHz Link mode _ 5530MHz

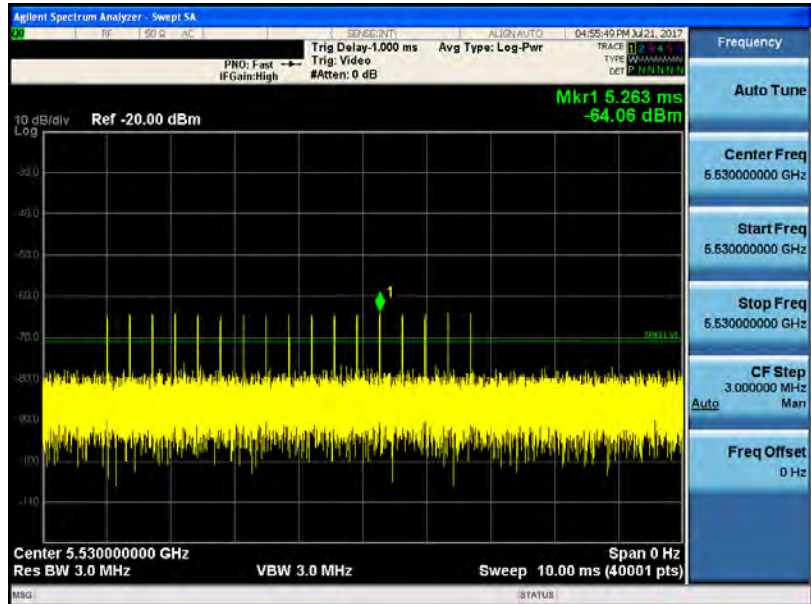
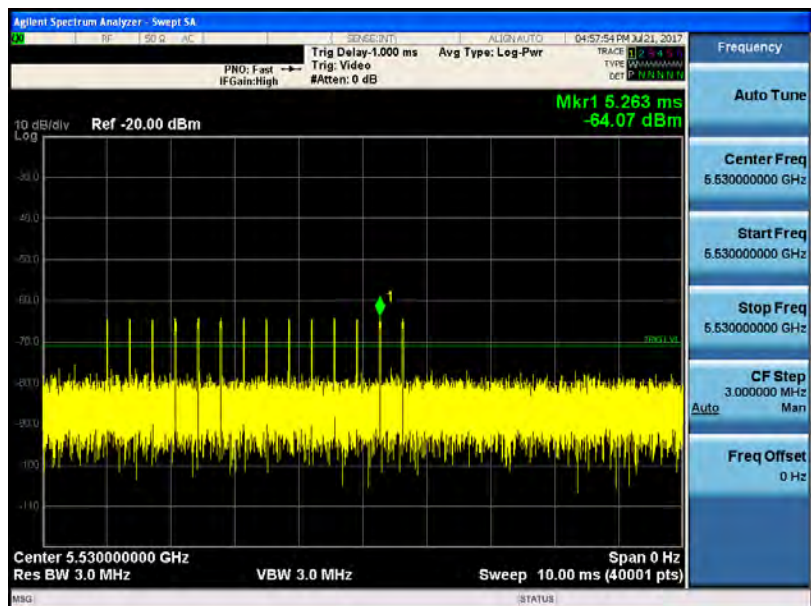
Short Pulse Radar
Type 1B



Short Pulse Radar
Type 2

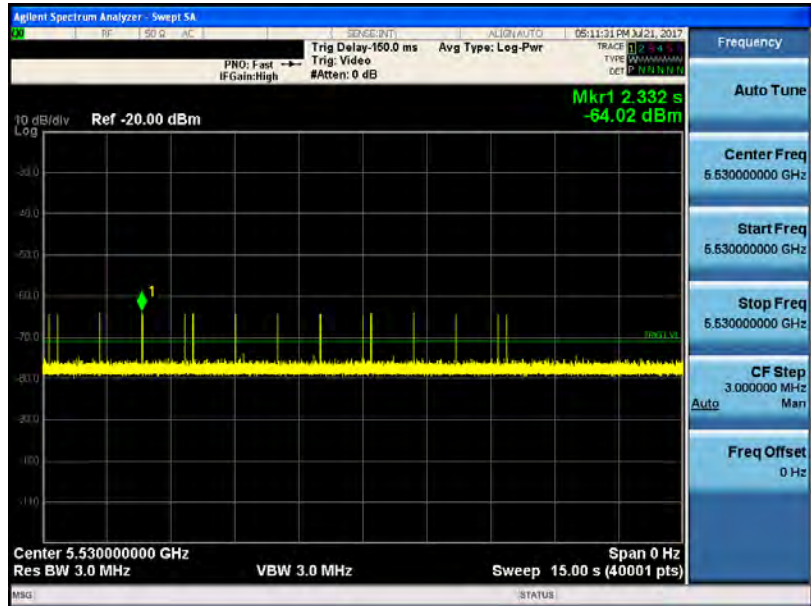


Mode 3: IEEE 802.11ac 80MHz Link mode _ 5530MHz

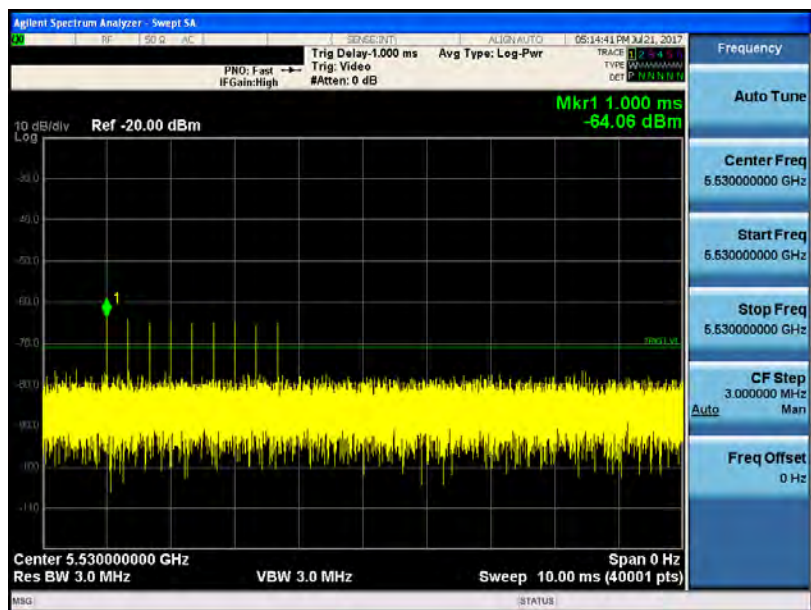
Short Pulse Radar
Type 3

Short Pulse Radar
Type 4


Mode 3: IEEE 802.11ac 80MHz Link mode _ 5530MHz

Long Pulse Radar
Type 5



Frequency Hopping
Radar
Type 6





Mode 3: IEEE 802.11ac 80MHz Link mode _ 5530MHz

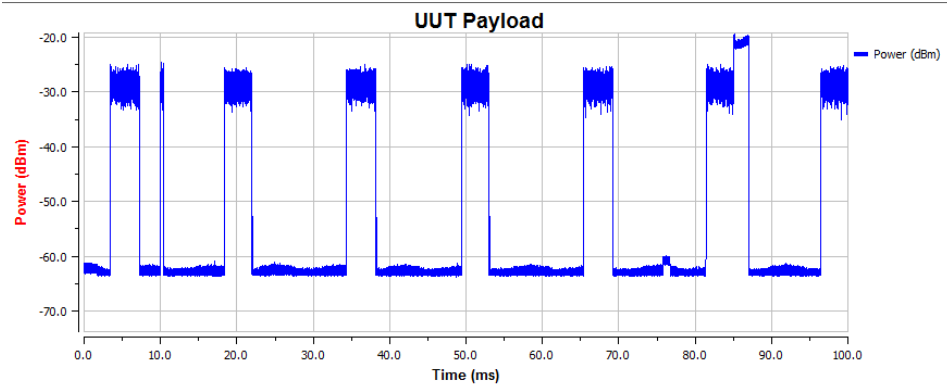
Traffic



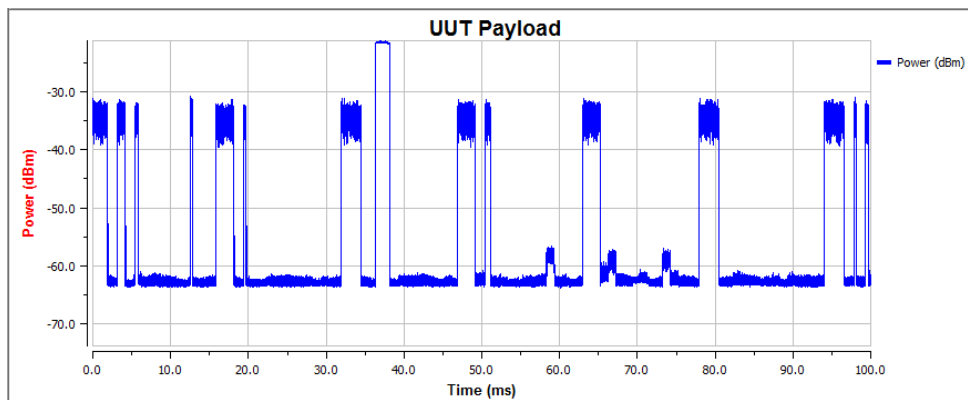
5.2. Channel Loading

■ Duty cycle $\geq 17\%$

Mode 1: IEEE 802.11ac 20MHz Link mode

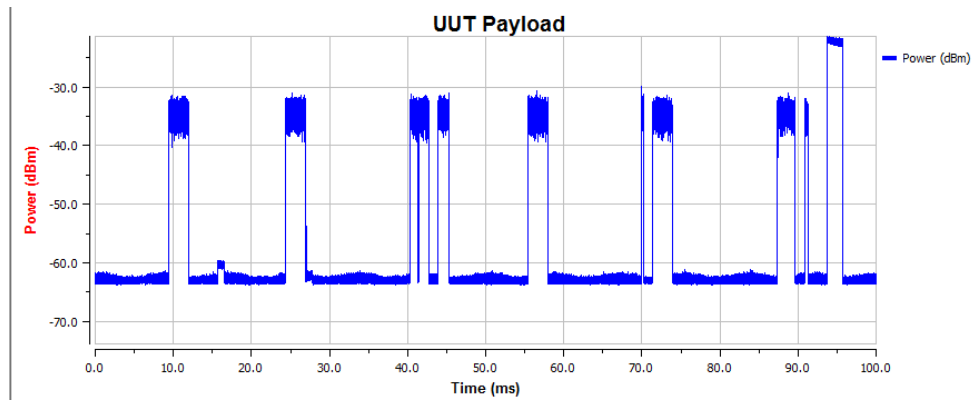


Mode 2: IEEE 802.11ac 40MHz Link mode





Mode 3: IEEE 802.11ac 80MHz Link mode



Traffic Load Check Status

Duty Cycle (%) : 18.84



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	2.136	92.510	94.646	92.510	32.510

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	2.136	36.630	34.494	1.984

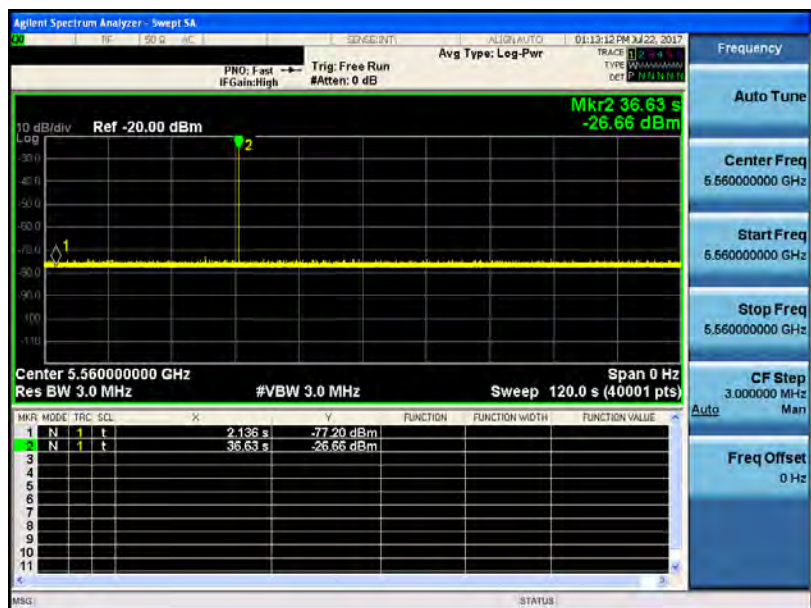
Radar Near End of CAC				
Frequency (MHz)	Timing of Radar Burst (sec)	Radar Relative to Reboot (sec)	Radar Relative to Start of CAC (sec)	Radar Relative to Start of CAC (sec)
5560	2.136	89.320	87.184	54.674

5.3.4. Qualitative Results

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



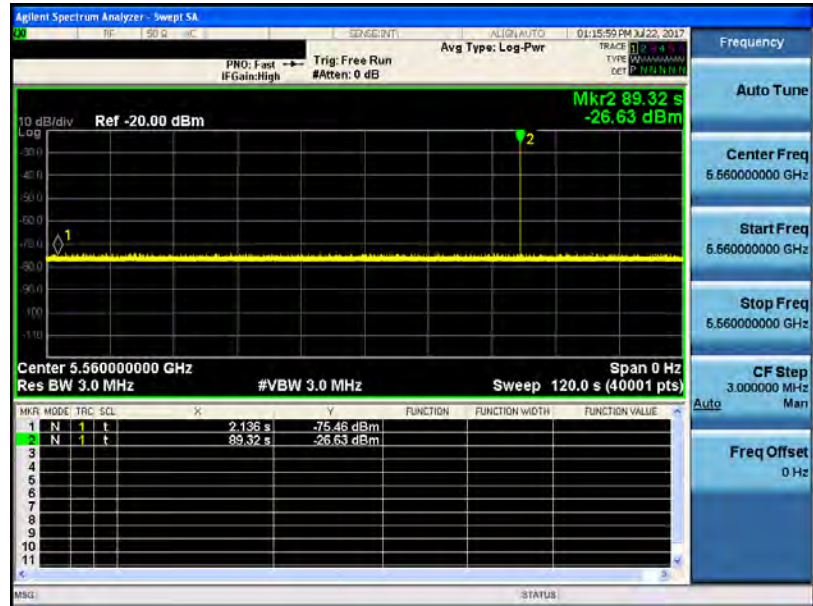
Mode 1: IEEE 802.11ac 20MHz Link mode _ 5560MHz

Initial Channel
Availability CheckInitial Channel
Availability Check
Begin



Mode 1: IEEE 802.11ac 20MHz Link mode _ 5560MHz

Initial Channel
Availability Check
End





5.4. Channel Move Time and Channel Closing Transmission Time

5.4.1. Reporting Notes

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

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

This delta is the channel move time.

The aggregate channel closing transmission time is calculated as follows:

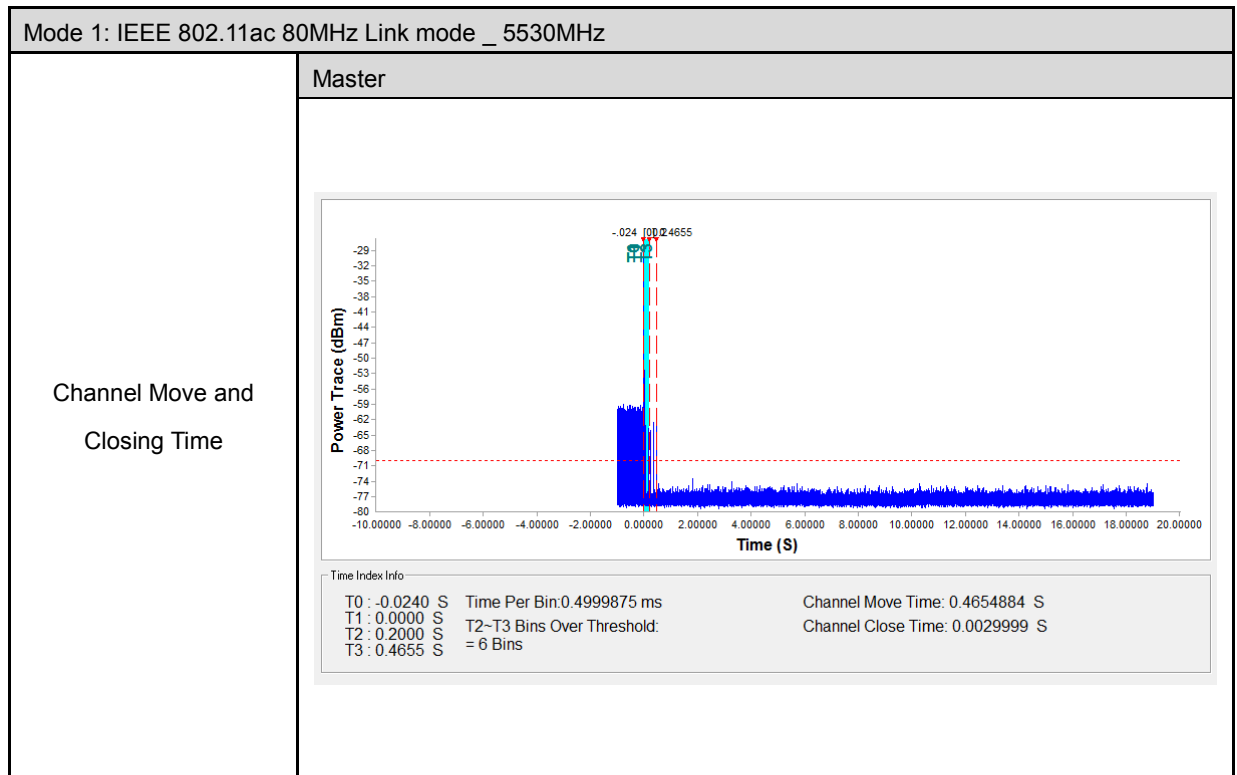
Aggregate Transmission Time = (Number of analyzer bins showing transmission) * (dwell time per bin)

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

Results

Frequency (MHz)	Radar Type	Channel Move Time (msec)	Limit (sec)
		Master	
5530	Type 0	0.4655	10

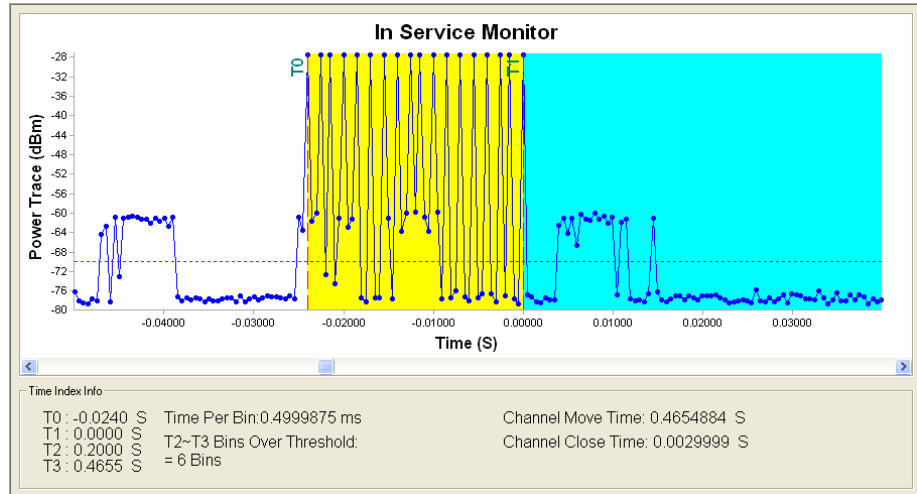
Frequency (MHz)	Radar Type	Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
		Master	
5530	Type 0	2.9999	60



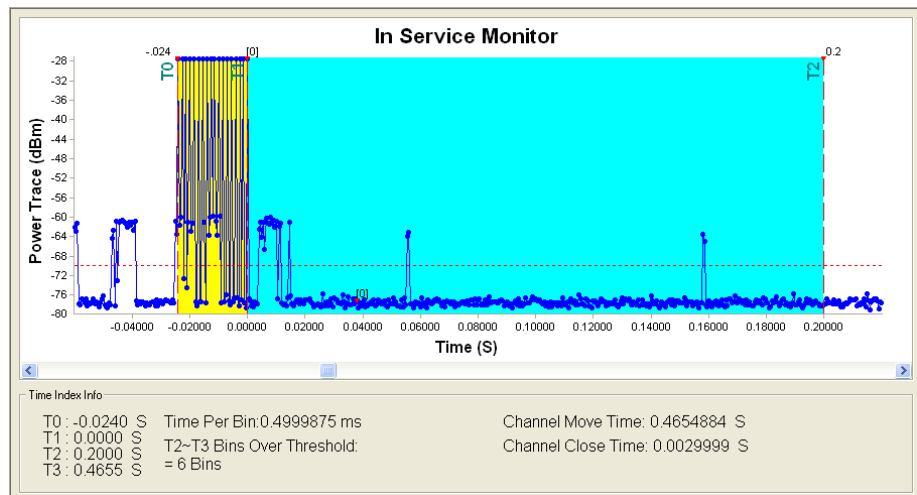


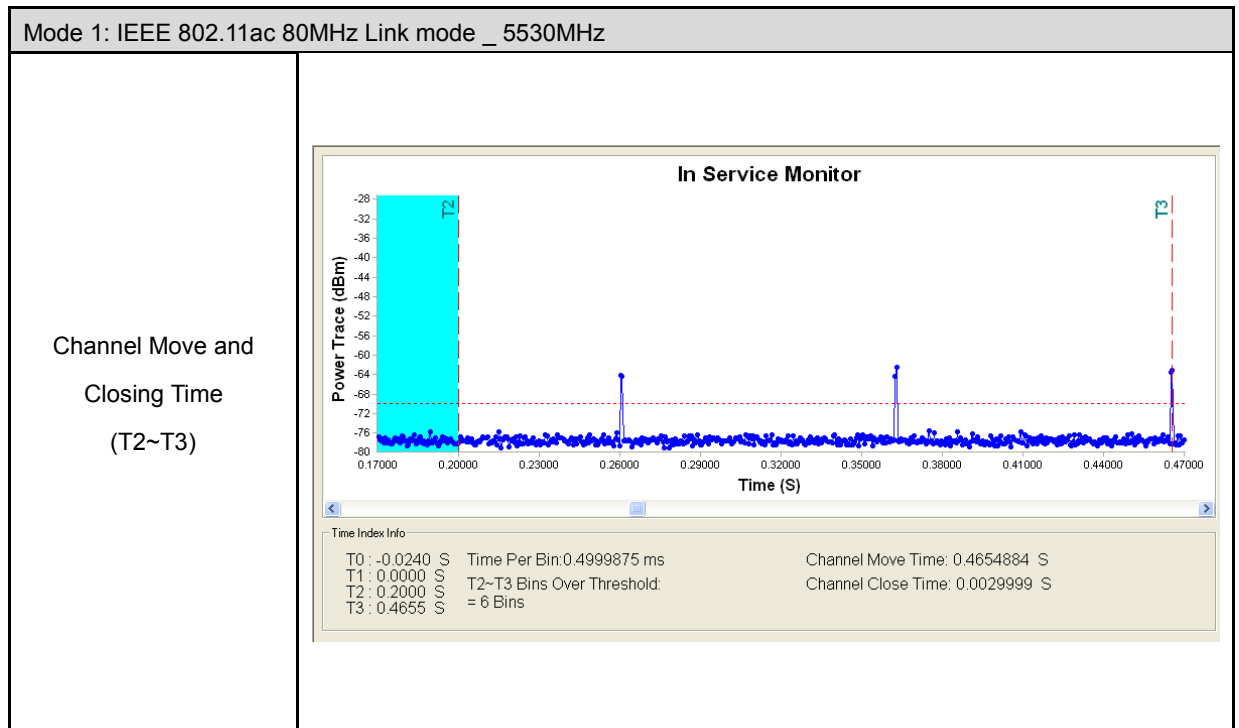
Mode 1: IEEE 802.11ac 80MHz Link mode _ 5530MHz

Channel Move and
Closing Time
(T0~T1)



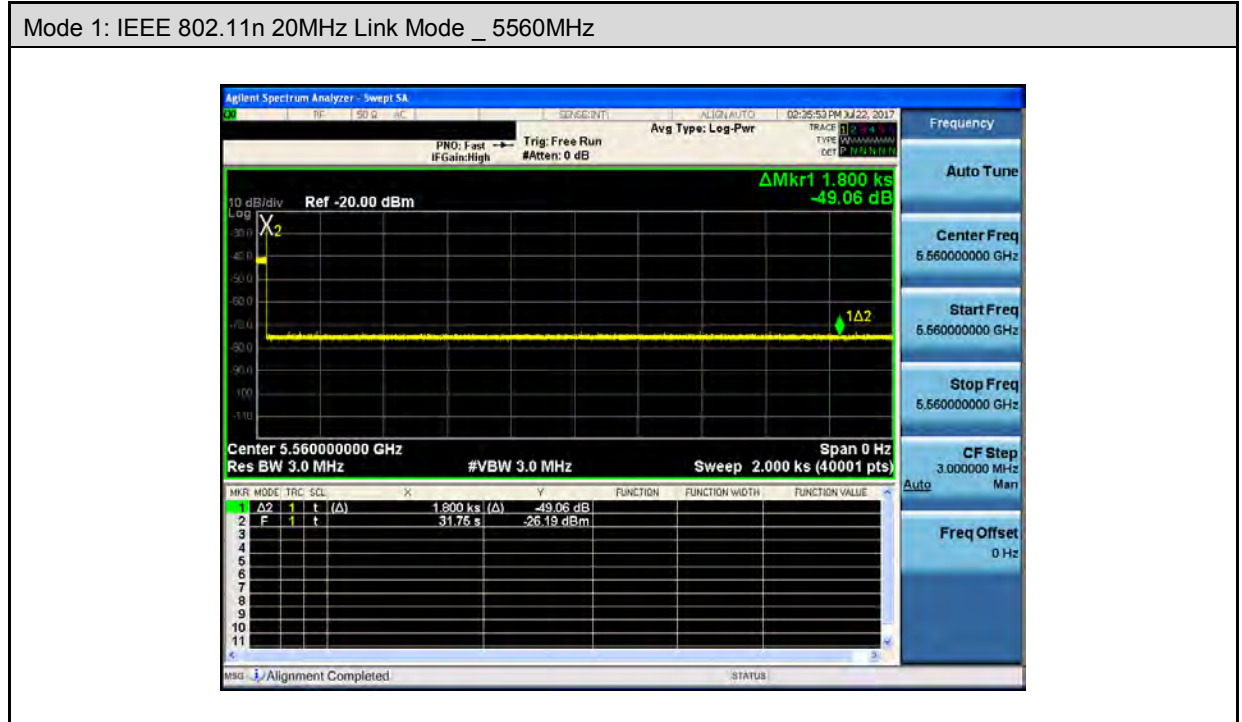
Channel Move and
Closing Time
(T1~T2)







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 Item	Detection Bandwidth					
Test Mode	Mode 1: IEEE 802.11ac 20MHz Link 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	17.572	102.44	≥ 100

Test Item	Detection Bandwidth					
Test Mode	Mode 2: IEEE 802.11ac 40MHz Link 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	35.689	112.08	≥ 100

Test Item	Detection Bandwidth					
Test Mode	Mode 3: IEEE 802.11ac 80MHz Link mode					
Frequency (MHz)	FL (MHz)	FH (MHz)	Detection Bandwidth (MHz)	99% Power Bandwidth (MHz)	Ratio of Detection BW to 99% Power BW (%)	Minimum Limit (%)
5530	5493	5570	77	75.135	102.48	≥ 100



Frequency (MHz)	Number of Trials	Number Detected	Detection(%)	Mark
5550	10	0	0	---
5551	10	10	100	FL
5552	10	10	100	---
5553	10	10	100	---
5554	10	10	100	---
5555	10	10	100	---
5556	10	10	100	---
5557	10	10	100	---
5558	10	10	100	---
5559	10	10	100	---
5560	10	10	100	---
5561	10	10	100	---
5562	10	10	100	---
5563	10	10	100	---
5564	10	10	100	---
5565	10	10	100	---
5566	10	10	100	---
5567	10	10	100	---
5568	10	10	100	---
5569	10	9	90	FH
5570	10	0	0	---

■ Test Graphs

Mode 1: IEEE 802.11ac 20MHz Link mode _ 5560MHz

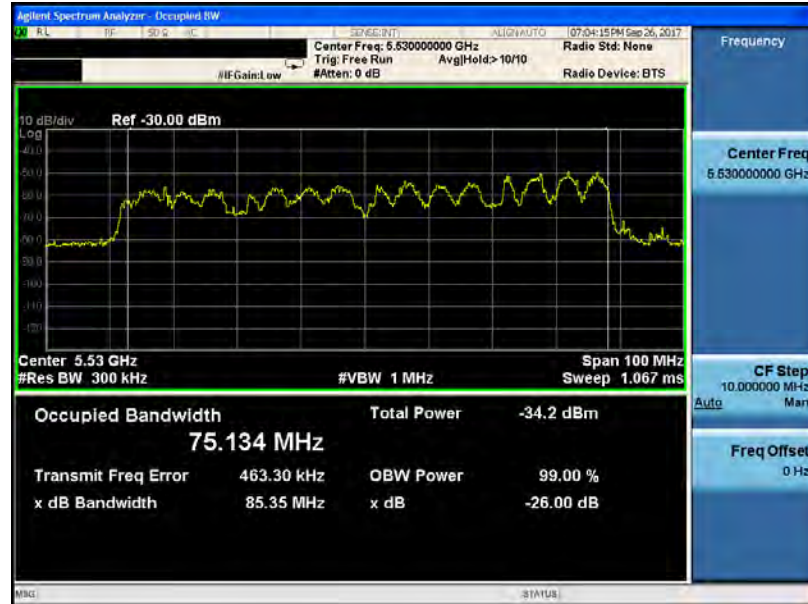


Mode 2: IEEE 802.11ac 40MHz Link mode _ 5550MHz





Mode 3: IEEE 802.11ac 80MHz Link mode _ 5530MHz



5.7. Statistical Performance check

■ Test Results

Test Item		In-Service Monitoring					
Test Mode		Mode 1: IEEE 802.11ac 20MHz Link mode					
Frequency (MHz)	Radar Signal	PRI (Msec)	Pulse width W (μs)	Pass Times	Fail Times	Probability	Limit
5560	Type1	Table 5a	1	25	5	83.33%	≥ 60%
	Type2	Random	Random	26	4	86.67%	≥ 60%
	Type3	Random	Random	25	5	83.33%	≥ 60%
	Type4	Random	Random	26	4	86.67%	≥ 60%
	Type1~4					92.50%	≥ 80%
	Type5	Random	Random	25	5	83.33%	≥ 80%
	Type6	Hopping	1	25	5	83.33%	≥ 70%

Test Item		In-Service Monitoring					
Test Mode		Mode 2: IEEE 802.11ac 40MHz Link mode					
Frequency (MHz)	Radar Signal	PRI (Msec)	Pulse width W (μs)	Pass Times	Fail Times	Probability	Limit
5550	Type1	Table 5a	1	30	0	100.00%	≥ 60%
	Type2	Random	Random	30	0	100.00%	≥ 60%
	Type3	Random	Random	28	2	93.33%	≥ 60%
	Type4	Random	Random	30	0	100.00%	≥ 60%
	Type1~4					98.33%	≥ 80%
	Type5	Random	Random	30	0	100.00%	≥ 80%
	Type6	Hopping	1	30	0	100.00%	≥ 70%

Test Item		In-Service Monitoring					
Test Mode		Mode 3: IEEE 802.11ac 80MHz Link mode					
Frequency (MHz)	Radar Signal	PRI (Msec)	Pulse width W (μs)	Pass Times	Fail Times	Probability	Limit
5530	Type1	Table 5a	1	30	0	100.00%	≥ 60%
	Type2	Random	Random	30	0	100.00%	≥ 60%
	Type3	Random	Random	30	0	100.00%	≥ 60%
	Type4	Random	Random	30	0	100.00%	≥ 60%
	Type1~4					100.00%	≥ 80%
	Type5	Random	Random	30	0	100.00%	≥ 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	818	65	1222	1
2	5560	1	798	67	1253	1
3	5560	1	918	58	1089	1
4	5560	1	518	102	1931	1
5	5560	1	618	86	1618	1
6	5560	1	878	61	1139	0
7	5560	1	778	68	1285	1
8	5560	1	778	68	1285	1
9	5560	1	598	89	1672	1
10	5560	1	918	58	1089	1
11	5560	1	778	68	1285	1
12	5560	1	858	62	1166	1
13	5560	1	638	83	1567	1
14	5560	1	698	76	1433	1
15	5560	1	838	63	1193	1
16	5560	1	837	64	1195	0
17	5560	1	2100	26	476	1
18	5560	1	1315	41	760	1
19	5560	1	1663	32	601	1
20	5560	1	2262	24	442	1
21	5560	1	835	64	1198	1
22	5560	1	1503	36	665	1
23	5560	1	2944	18	340	0
24	5560	1	2039	26	490	1
25	5560	1	530	100	1887	0
26	5560	1	664	80	1506	1
27	5560	1	1441	37	694	0
28	5560	1	2577	21	388	1
29	5560	1	1722	31	581	1
30	5560	1	1740	31	575	1
Detection Percentage (%)						83.33



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	1.10	227.40	25	4398	1
2	5560	4.90	223.20	28	4480	1
3	5560	4.30	207.40	27	4822	1
4	5560	1.70	227.80	28	4390	1
5	5560	3.80	156.90	29	6373	1
6	5560	4.00	186.90	28	5350	1
7	5560	4.80	204.90	28	4880	0
8	5560	3.90	203.40	27	4916	1
9	5560	2.10	150.30	28	6653	1
10	5560	4.70	191.90	26	5211	1
11	5560	4.30	179.10	27	5583	0
12	5560	3.00	158.10	23	6325	1
13	5560	1.30	176.60	27	5663	1
14	5560	1.20	225.40	28	4437	0
15	5560	1.50	224.60	29	4452	1
16	5560	4.80	186.80	28	5353	1
17	5560	4.20	207.00	24	4831	1
18	5560	1.40	154.60	28	6468	1
19	5560	1.90	199.00	27	5025	1
20	5560	2.60	226.00	28	4425	1
21	5560	2.80	184.30	25	5426	1
22	5560	3.50	156.60	26	6386	1
23	5560	4.60	176.20	27	5675	1
24	5560	3.50	198.80	27	5030	1
25	5560	5.00	197.50	28	5063	0
26	5560	2.60	183.40	23	5453	1
27	5560	1.10	209.10	26	4782	1
28	5560	1.40	184.40	23	5423	1
29	5560	4.50	197.00	29	5076	1
30	5560	1.80	220.00	28	4545	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	7.30	336.60	16	2970.89	1
2	5560	7.50	340.00	16	2941.18	1
3	5560	7.30	404.60	16	2471.58	1
4	5560	9.70	402.00	18	2487.56	1
5	5560	8.30	479.10	17	2087.25	1
6	5560	8.70	215.70	16	4636.07	1
7	5560	9.50	264.40	18	3782.15	0
8	5560	10.00	477.80	18	2092.93	1
9	5560	7.20	295.90	18	3379.52	0
10	5560	8.00	470.80	17	2124.04	1
11	5560	7.80	257.50	16	3883.50	1
12	5560	9.20	449.80	18	2223.21	1
13	5560	8.20	457.30	18	2186.75	1
14	5560	7.90	312.60	18	3198.98	0
15	5560	8.60	312.90	17	3195.91	1
16	5560	7.60	425.00	17	2352.94	1
17	5560	7.60	246.90	16	4050.22	1
18	5560	8.90	488.10	16	2048.76	1
19	5560	8.10	472.90	18	2114.61	1
20	5560	6.80	382.00	18	2617.80	1
21	5560	6.70	247.40	18	4042.04	1
22	5560	9.20	406.30	16	2461.24	1
23	5560	7.90	359.30	18	2783.19	0
24	5560	9.20	267.40	18	3739.72	1
25	5560	8.80	267.90	17	3732.74	1
26	5560	6.70	310.20	16	3223.73	1
27	5560	6.70	348.20	16	2871.91	0
28	5560	6.10	412.70	16	2423.07	1
29	5560	6.80	328.70	16	3042.29	1
30	5560	7.10	328.90	18	3040.44	1
Detection Percentage (%)						83.33



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	19.00	412.40	12	2425	1
2	5560	17.90	481.60	14	2076	1
3	5560	19.80	257.60	13	3882	1
4	5560	19.90	464.20	12	2154	1
5	5560	13.70	296.00	12	3378	1
6	5560	18.80	410.80	12	2434	1
7	5560	14.30	267.40	14	3740	1
8	5560	16.40	435.30	13	2297	0
9	5560	15.70	401.00	13	2494	1
10	5560	13.30	260.10	14	3845	1
11	5560	12.70	325.10	13	3076	1
12	5560	15.80	318.40	12	3141	1
13	5560	18.60	396.80	13	2520	1
14	5560	13.80	279.30	15	3580	0
15	5560	14.50	295.80	13	3381	1
16	5560	12.00	460.80	12	2170	1
17	5560	13.60	374.00	16	2674	1
18	5560	15.50	346.40	13	2887	1
19	5560	16.30	387.10	15	2583	1
20	5560	14.30	213.70	16	4679	1
21	5560	13.60	308.90	14	3237	1
22	5560	13.40	480.50	15	2081	0
23	5560	14.80	495.40	12	2019	1
24	5560	16.10	315.00	13	3175	1
25	5560	12.80	460.50	14	2172	1
26	5560	11.60	237.00	16	4219	1
27	5560	11.90	396.40	15	2523	1
28	5560	12.20	415.60	16	2406	1
29	5560	16.00	201.80	15	4955	1
30	5560	17.30	406.20	13	2462	0
Detection Percentage (%)						86.67



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
1	5554	1	80.1	8	1438.3	2	1
	5557	2	94.5	15	1579.2	1	
	5557	3	92.0	15	1361.4	3	
	5555	4	88.2	10	1872.6	1	
	5556	5	88.8	12	1310.2	1	
	5555	6	82.5	10	1993.3	2	
	5555	7	88.0	9	1584.3	3	
	5555	8	91.1	9	1175.7	2	
	5556	9	55.0	13	1376.3	1	
	5553	10	59.4	5	1167.8	2	
	5557	11	69.9	14	1489.1	1	
2	5556	1	86.4	13	1982.6	2	1
	5555	2	94.7	9	1665.2	3	
	5554	3	74.1	7	1083.1	2	
	5558	4	56.1	18	1202.5	3	
	5553	5	98.8	6	1112.3	2	
	5556	6	78.7	12	1302.4	3	
	5554	7	98.2	7	1319.1	3	
	5555	8	79.5	10	1278.3	3	
	5554	9	90.0	7	1372.0	3	
	5559	10	65.5	19	1971.6	3	
	5555	11	61.3	11	1560.0	1	
	5554	12	84.6	7	1374.8	2	
3	5553	1	58.8	6	1097.7	2	1
	5555	2	82.6	9	1345.1	2	
	5553	3	92.0	6	1567.2	1	
	5557	4	87.6	14	1949.6	1	
	5556	5	86.8	13	1405.6	1	
	5556	6	94.0	13	1522.2	1	
	5559	7	68.0	19	1694.2	1	
	5557	8	72.9	15	1095.3	1	
	5557	9	69.9	15	1335.5	3	
	5558	10	62.0	17	1062.6	3	
	5558	11	59.2	18	1383.1	2	
	5557	12	93.0	14	1982.0	1	
	5553	13	58.2	6	1811.9	3	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
4	5555	1	94.4	10	1173.7	1	0
	5559	2	93.8	20	1039.3	3	
	5558	3	96.5	17	1955.2	1	
	5554	4	71.1	8	1713.3	2	
	5557	5	72.1	15	1008.4	1	
	5555	6	82.0	11	1635.5	2	
	5556	7	81.8	12	1929.1	2	
	5557	8	63.4	16	1664.2	3	
	5554	9	86.5	8	1348.5	2	
5	5558	1	80.0	18	1844.8	2	1
	5555	2	79.5	9	1324.3	2	
	5557	3	86.0	15	1006.4	1	
	5556	4	59.3	13	1180.5	3	
	5556	5	67.1	13	1650.6	3	
	5555	6	66.7	10	1679.2	2	
	5555	7	91.0	11	1855.5	1	
	5554	8	89.0	7	1195.9	2	
	5554	9	99.2	7	1650.6	1	
	5557	10	82.2	15	1837.8	3	
	5556	11	78.6	13	1377.5	3	
	5555	12	58.3	11	1353.7	2	
	5557	13	57.1	16	1290.7	3	
	5557	14	91.6	14	1758.0	1	
	5556	15	94.0	12	1067.4	3	
6	5558	1	61.1	18	1834.9	1	1
	5557	2	73.3	14	1223.0	1	
	5557	3	69.2	15	1525.7	1	
	5554	4	99.7	8	1319.2	1	
	5553	5	92.8	6	1981.1	3	
	5556	6	81.1	13	1062.3	3	
	5559	7	72.7	20	1413.4	3	
	5559	8	82.5	19	1054.3	2	
	5553	9	85.1	5	1184.9	1	
	5559	10	53.7	19	1156.2	3	
	5556	11	98.2	13	1650.9	1	
	5557	12	68.4	16	1327.7	1	
	5559	13	89.5	20	1403.3	2	
	5557	14	94.0	15	1202.5	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
7	5555	1	77.6	11	1490.4	2	1
	5554	2	79.2	7	1619.4	2	
	5556	3	70.8	13	1423.2	3	
	5553	4	62.5	6	1123.6	1	
	5557	5	72.5	15	1059.9	1	
	5558	6	64.5	18	1510.7	3	
	5555	7	86.4	9	1719.7	2	
	5559	8	87.4	19	1537.1	1	
	5553	9	99.8	6	1294.9	3	
	5557	10	90.6	16	1072.1	3	
	5557	11	67.1	16	1033.4	3	
	5556	12	67.3	12	1255.7	1	
	5553	13	86.8	5	1459.8	3	
	5556	14	65.6	13	1241.9	2	
	5557	15	70.1	16	1691.8	3	
	5557	16	69.3	16	1948.0	3	
	5555	17	72.1	10	1424.4	3	
8	5557	1	84.2	16	1255.0	2	1
	5554	2	66.2	8	1889.5	1	
	5555	3	60.3	11	1674.1	2	
	5553	4	88.5	5	1922.9	3	
	5555	5	51.8	11	1646.6	3	
	5553	6	64.2	6	1165.7	1	
	5557	7	64.5	16	1640.8	1	
	5556	8	57.2	13	1556.1	3	
	5558	9	94.1	17	1190.2	2	
	5555	10	61.5	11	1875.0	3	
	5558	11	92.8	18	1918.2	1	
	5553	12	86.8	5	1799.1	3	
	5556	13	59.7	13	1231.4	1	
	5556	14	87.9	13	1588.1	3	
	5554	15	84.0	8	1467.1	2	
	5559	16	90.1	19	1051.7	1	
	5553	17	80.8	5	1379.9	3	
	5556	18	88.0	13	1246.1	1	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
9	5557	1	83.2	15	1616.0	1	1
	5558	2	55.2	17	1456.1	2	
	5554	3	65.4	7	1573.9	3	
	5558	4	55.6	17	1142.5	2	
	5556	5	91.0	12	1605.6	2	
	5556	6	99.9	13	1569.8	3	
	5554	7	62.0	8	1151.1	1	
	5559	8	65.6	20	1028.8	3	
	5558	9	76.7	18	1640.6	1	
	5554	10	77.6	7	1306.8	3	
	5555	11	79.1	9	1056.2	3	
	5553	12	76.6	5	1227.1	3	
	5558	13	86.6	17	1595.2	2	
	5556	14	77.3	12	1992.2	2	
	5555	15	56.1	9	1294.1	2	
	5558	16	68.7	18	1881.8	2	
	5557	17	97.7	15	1926.3	2	
	5557	18	82.1	15	1238.4	3	
	5557	19	79.1	14	1991.5	1	
10	5556	1	84.1	12	1332.9	3	1
	5555	2	67.6	11	1149.6	3	
	5558	3	62.6	18	1177.3	3	
	5553	4	84.5	6	1493.7	1	
	5558	5	71.3	17	1014.3	3	
	5553	6	80.7	6	1723.2	3	
	5553	7	78.4	6	1129.4	2	
	5555	8	65.1	9	1308.0	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
11	5560	1	81.1	17	1965.5	1	0
	5560	2	68.7	20	1235.8	3	
	5560	3	87.3	9	1395.7	1	
	5560	4	70.9	7	1878.4	3	
	5560	5	72.4	18	1345.3	1	
	5560	6	58.0	12	1838.2	1	
	5560	7	72.4	20	1345.4	3	
	5560	8	96.4	12	1117.3	3	
	5560	9	71.6	9	1614.4	1	
	5560	10	81.8	5	1057.6	1	
	5560	11	83.7	15	1253.0	2	
	5560	12	57.1	16	1908.0	2	
	5560	13	77.0	10	1515.9	1	
	5560	14	70.4	19	1165.4	2	
	5560	15	62.8	13	1285.1	3	
	5560	16	72.0	19	1357.1	2	
12	5560	1	58.9	11	1324.3	3	1
	5560	2	83.9	16	1025.9	3	
	5560	3	74.2	17	1894.7	2	
	5560	4	89.7	20	1227.8	1	
	5560	5	51.9	10	1778.6	3	
	5560	6	55.5	19	1726.4	1	
	5560	7	52.2	17	1624.6	3	
	5560	8	86.6	15	1119.0	2	
	5560	9	69.6	7	1118.2	1	
	5560	10	86.7	13	1478.2	1	
	5560	11	85.1	12	1327.7	2	
	5560	12	98.0	7	1925.0	2	
	5560	13	89.3	12	1473.5	3	
	5560	14	52.4	7	1036.6	1	
	5560	15	99.8	6	1927.5	1	
	5560	16	83.6	5	1587.0	2	
	5560	17	96.8	15	1343.5	3	
	5560	18	88.9	16	1489.5	2	
	5560	19	60.3	7	1501.0	3	
	5560	20	82.8	17	1876.0	3	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
13	5560	1	55.6	10	1655.1	3	0
	5560	2	73.4	7	1021.1	1	
	5560	3	60.4	15	1730.7	1	
	5560	4	82.7	7	1775.0	2	
	5560	5	70.6	18	1351.4	1	
	5560	6	92.6	10	1657.6	3	
	5560	7	99.6	12	1884.6	2	
	5560	8	62.7	10	1333.1	2	
	5560	9	62.8	19	1314.9	1	
	5560	10	72.5	17	1572.3	2	
14	5560	1	85.7	16	1641.4	3	1
	5560	2	89.9	9	1905.0	3	
	5560	3	59.7	10	1293.0	2	
	5560	4	50.4	6	1756.8	3	
	5560	5	55.7	12	1570.3	3	
	5560	6	88.5	5	1474.2	3	
	5560	7	69.1	10	1818.4	1	
	5560	8	59.0	8	1469.0	2	
	5560	9	73.6	8	1028.2	1	
	5560	10	81.8	14	1980.7	1	
	5560	11	64.4	6	1518.2	2	
	5560	12	93.2	11	1220.5	2	
	5560	13	76.5	8	1629.1	2	
	5560	14	74.4	6	1508.6	3	
	5560	15	55.7	10	1391.2	3	
	5560	16	88.4	14	1410.5	3	
	5560	17	58.1	8	1865.6	1	
	5560	18	72.9	17	1111.7	2	
	5560	19	73.1	12	1063.5	2	
	5560	20	66.9	18	1233.0	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
15	5560	1	51.0	8	1171.6	2	1
	5560	2	50.4	8	1002.4	3	
	5560	3	56.4	14	1082.4	2	
	5560	4	80.2	16	1408.1	3	
	5560	5	71.9	11	1534.2	2	
	5560	6	81.8	13	1482.9	2	
	5560	7	91.4	15	1682.0	3	
	5560	8	99.0	15	1399.0	1	
	5560	9	87.9	14	1274.3	1	
	5560	10	61.1	18	1252.0	3	
	5560	11	73.0	8	1246.6	2	
	5560	12	80.2	18	1470.1	2	
	5560	13	60.1	6	1207.5	3	
	5560	14	98.9	6	1479.6	3	
	5560	15	88.3	13	1942.7	2	
	5560	16	59.0	16	1161.8	2	
	5560	17	96.5	11	1677.1	1	
	5560	18	51.1	9	1433.7	2	
	5560	19	68.3	7	1069.7	3	
16	5560	1	50.9	18	1776.7	3	0
	5560	2	71.6	13	1635.6	2	
	5560	3	90.6	7	1582.7	2	
	5560	4	83.3	8	1204.9	2	
	5560	5	90.1	19	1352.6	3	
	5560	6	86.6	11	1800.1	1	
	5560	7	56.2	9	1799.4	3	
	5560	8	76.0	18	1348.9	2	
	5560	9	57.1	17	1314.7	1	
	5560	10	90.6	19	1686.5	1	
	5560	11	83.9	16	1311.5	2	
	5560	12	55.0	17	1998.0	2	
	5560	13	70.8	17	1791.8	3	
	5560	14	98.1	17	1931.0	1	
	5560	15	52.9	13	1580.3	2	
	5560	16	65.1	7	1293.0	1	
	5560	17	59.9	9	1544.3	1	
	5560	18	67.5	12	1449.3	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
17	5560	1	58.3	5	1160.9	2	1
	5560	2	78.2	8	1209.9	3	
	5560	3	67.7	11	1715.8	1	
	5560	4	51.8	10	1512.1	2	
	5560	5	51.9	6	1641.7	2	
	5560	6	60.3	9	1317.7	2	
	5560	7	81.5	17	1822.2	2	
	5560	8	90.7	16	1368.2	3	
	5560	9	93.3	9	1437.8	1	
	5560	10	71.6	19	1245.8	2	
	5560	11	84.4	15	1961.4	1	
	5560	12	68.7	10	1357.1	3	
	5560	13	93.3	10	1381.9	1	
	5560	14	54.2	13	1036.5	2	
	5560	15	64.0	12	1610.2	3	
	5560	16	87.2	6	1730.2	3	
	5560	17	71.0	10	1480.0	2	
18	5560	1	93.5	6	1798.6	1	1
	5560	2	79.1	16	1598.3	3	
	5560	3	73.4	10	1618.5	3	
	5560	4	70.2	13	1660.3	3	
	5560	5	92.2	9	1468.1	3	
	5560	6	58.9	9	1779.5	3	
	5560	7	82.5	20	1475.9	1	
	5560	8	80.8	19	1391.1	1	
	5560	9	97.0	6	1611.3	2	
	5560	10	51.2	11	1743.0	3	
	5560	11	76.9	19	1121.8	3	
	5560	12	66.0	10	1041.5	3	
	5560	13	52.9	8	1208.5	2	
	5560	14	72.3	11	1782.2	1	
	5560	15	79.4	9	1429.1	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
19	5560	1	92.8	5	1057.2	3	1
	5560	2	77.5	10	1445.1	3	
	5560	3	99.5	13	1000.2	1	
	5560	4	80.8	17	1751.2	2	
	5560	5	94.5	9	1709.4	2	
	5560	6	89.7	11	1418.2	2	
	5560	7	70.8	5	1822.4	2	
	5560	8	92.0	8	1467.5	3	
	5560	9	81.8	8	1289.9	3	
	5560	10	59.1	18	1144.9	3	
	5560	11	98.2	19	1879.0	3	
	5560	12	50.3	7	1870.7	1	
	5560	13	98.6	16	1366.9	3	
	5560	14	50.2	7	1185.9	1	
20	5560	1	50.0	10	1395.2	2	1
	5560	2	75.9	7	1385.1	2	
	5560	3	82.9	14	1690.4	3	
	5560	4	61.5	13	1304.8	2	
	5560	5	96.4	19	1949.4	3	
	5560	6	81.2	16	1852.9	2	
	5560	7	79.3	11	1597.5	3	
	5560	8	53.7	18	1232.3	1	
	5560	9	54.7	17	1122.8	1	
	5560	10	65.1	15	1869.3	3	
21	5564	1	67.5	12	1704.4	1	0
	5564	2	90.8	12	1444.1	1	
	5562	3	89.1	17	1488.0	1	
	5566	4	80.4	7	1410.3	3	
	5565	5	91.9	11	1208.5	3	
	5563	6	88.8	16	1709.3	2	
	5566	7	95.7	8	1424.1	1	
	5564	8	89.0	12	1313.0	1	
	5565	9	66.8	10	1022.2	2	
	5563	10	83.9	14	1954.2	1	
	5561	11	83.4	19	1436.2	1	
	5563	12	98.2	14	1815.2	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	5566	1	96.9	8	1457.4	1	1
	5566	2	79.0	8	1285.6	3	
	5561	3	92.0	20	1844.0	1	
	5562	4	90.4	18	1186.4	1	
	5566	5	54.8	7	1305.5	3	
	5567	6	73.8	6	1380.4	2	
	5562	7	50.1	18	1858.6	2	
	5567	8	63.8	6	1530.5	1	
	5564	9	84.4	13	1135.9	2	
23	5564	1	87.4	13	1768.5	3	1
	5563	2	64.7	14	1385.5	2	
	5563	3	66.1	16	1445.0	1	
	5563	4	71.1	15	1794.6	2	
	5567	5	52.3	6	1009.8	3	
	5565	6	97.0	11	1742.0	1	
	5566	7	50.7	7	1597.6	3	
	5565	8	72.4	9	1982.0	1	
	5564	9	54.9	12	1759.2	3	
	5562	10	97.3	18	1194.0	2	
	5566	11	91.2	8	1817.4	2	
	5563	12	52.5	16	1462.9	3	
	5566	13	81.2	7	1273.3	1	
	5564	14	96.3	12	1868.8	1	
	5563	15	82.7	16	1802.2	1	
24	5564	1	99.7	12	1274.7	2	1
	5563	2	60.6	15	1800.3	2	
	5561	3	85.4	20	1095.4	1	
	5566	4	74.1	7	1880.3	2	
	5561	5	66.5	20	1221.1	1	
	5562	6	89.5	18	1647.7	1	
	5562	7	71.5	18	1470.3	1	
	5564	8	92.4	12	1273.9	2	
	5561	9	68.3	19	1641.7	2	
	5563	10	93.8	15	1583.6	1	
	5566	11	70.6	8	1927.0	2	
	5564	12	72.7	13	1759.3	1	
	5564	13	64.6	13	1995.5	3	
	5565	14	51.6	10	1661.0	3	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
25	5565	1	61.8	10	1317.9	3	1
	5565	2	87.6	9	1580.8	1	
	5561	3	71.1	19	1348.3	3	
	5566	4	53.3	8	1711.6	3	
	5565	5	82.3	9	1361.5	1	
	5563	6	57.7	16	1170.2	3	
	5561	7	72.8	20	1800.8	2	
	5564	8	83.5	13	1842.3	1	
	5563	9	100.0	14	1099.8	3	
	5564	10	60.1	13	1483.4	3	
	5564	11	72.6	12	1553.3	3	
	5563	12	73.9	16	1429.7	1	
	5565	13	85.1	10	1524.1	2	
	5565	14	72.7	10	1380.6	2	
	5564	15	92.2	12	1051.6	1	
	5563	16	54.1	15	1832.3	1	
	5561	17	94.8	20	1101.1	1	
	5567	18	69.5	6	1298.0	1	
26	5564	1	59.9	12	1404.5	2	1
	5566	2	66.4	8	1430.4	1	
	5565	3	65.1	11	1844.3	1	
	5564	4	74.1	13	1955.7	3	
	5565	5	80.2	10	1793.6	3	
	5567	6	86.7	6	1620.0	1	
	5561	7	82.9	19	1610.8	3	
	5561	8	85.0	19	1873.1	2	
	5563	9	60.6	14	1126.7	2	
	5566	10	66.0	8	1567.3	2	
	5562	11	59.0	18	1116.6	1	
	5565	12	56.3	9	1017.9	3	
	5564	13	53.6	12	1495.2	3	
	5563	14	57.9	15	1089.4	1	
	5567	15	55.0	5	1392.8	3	
	5565	16	76.2	11	1650.5	2	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
27	5566	1	74.6	8	1435.5	3	1
	5564	2	52.1	13	1013.2	3	
	5566	3	62.1	8	1408.2	1	
	5567	4	52.9	6	1906.0	1	
	5565	5	83.6	10	1212.9	3	
	5565	6	54.6	9	1296.7	2	
	5566	7	52.9	8	1339.9	1	
	5563	8	55.3	16	1271.8	1	
	5564	9	84.2	12	1829.7	1	
	5567	10	52.1	6	1851.4	3	
	5563	11	55.6	14	1739.9	2	
	5563	12	95.3	16	1848.1	2	
	5563	13	89.5	16	1326.7	2	
	5565	14	93.3	11	1259.0	3	
	5563	15	95.7	15	1883.2	1	
	5564	16	87.4	13	1613.4	3	
	5566	17	94.2	8	1521.6	1	
	5561	18	71.9	19	1462.7	2	
	5563	19	95.1	16	1619.7	3	
	5563	20	63.3	15	1086.5	1	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
28	5564	1	96.3	13	1866.4	3	1
	5564	2	50.9	12	1526.4	2	
	5564	3	87.7	13	1640.7	1	
	5563	4	97.3	16	1790.3	2	
	5563	5	96.3	16	1038.9	3	
	5563	6	99.0	15	1523.3	1	
	5564	7	69.8	12	1763.2	3	
	5562	8	51.2	17	1931.0	3	
	5564	9	75.6	13	1915.6	2	
	5565	10	75.0	9	1158.0	1	
	5562	11	58.2	17	1910.5	2	
	5561	12	78.6	19	1709.9	1	
	5563	13	91.0	16	1645.8	3	
	5563	14	88.8	16	1743.6	2	
	5564	15	64.1	12	1161.3	1	
	5563	16	70.9	14	1488.3	3	
	5563	17	78.2	16	1857.6	1	
	5562	18	63.3	18	1840.8	2	
	5563	19	59.5	16	1320.5	2	
	5563	20	94.0	16	1400.0	3	



Test Mode		Mode 1					
Frequency		5560 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
29	5565	1	51.0	11	1488.4	2	1
	5565	2	74.6	11	1343.2	2	
	5562	3	55.9	18	1642.6	2	
	5561	4	90.8	20	1525.5	3	
	5564	5	87.4	13	1118.9	2	
	5561	6	69.5	19	1250.1	3	
	5562	7	79.1	17	1810.1	2	
	5565	8	87.3	10	1579.5	1	
	5563	9	73.0	14	1104.5	3	
	5564	10	81.9	13	1571.8	3	
	5566	11	61.3	8	1071.0	3	
	5567	12	66.0	6	1975.8	1	
	5562	13	55.1	17	1201.9	2	
	5565	14	56.2	11	1687.8	2	
	5563	15	65.1	15	1670.3	3	
	5563	16	97.6	16	1859.4	3	
	5565	17	56.8	10	1715.1	2	
30	5567	1	62.4	6	1204.0	2	1
	5561	2	86.3	19	1740.0	1	
	5565	3	72.4	9	1771.8	3	
	5567	4	55.7	6	1042.0	3	
	5563	5	81.4	14	1944.7	1	
	5564	6	79.6	12	1578.9	3	
	5567	7	60.4	5	1106.0	1	
	5566	8	65.6	7	1848.8	2	
	5562	9	68.4	18	1968.4	1	
	5566	10	80.3	8	1221.1	3	
	5564	11	56.2	13	1757.3	2	
	5566	12	73.6	7	1102.7	1	
	5566	13	82.5	7	1923.5	2	
	5563	14	58.0	15	1193.4	3	
Detection Percentage (%)							83.33



Test Mode	Mode 1					
Frequency	5560 MHz					
Radar Signal	Type 6					
Trial #	Pulse Width (us)	PRI (us)	Pulses / Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	1=Detection ; 0=No Detection
1	1	333	9	0.333	300	1
2	1	333	9	0.333	300	1
3	1	333	9	0.333	300	1
4	1	333	9	0.333	300	0
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	0
11	1	333	9	0.333	300	1
12	1	333	9	0.333	300	1
13	1	333	9	0.333	300	1
14	1	333	9	0.333	300	0
15	1	333	9	0.333	300	1
16	1	333	9	0.333	300	1
17	1	333	9	0.333	300	1
18	1	333	9	0.333	300	1
19	1	333	9	0.333	300	1
20	1	333	9	0.333	300	1
21	1	333	9	0.333	300	1
22	1	333	9	0.333	300	0
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	0
27	1	333	9	0.333	300	1
28	1	333	9	0.333	300	1
29	1	333	9	0.333	300	1
30	1	333	9	0.333	300	1
Detection Percentage (%)						83.33



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	758	70	1319	1
2	5550	1	518	102	1931	1
3	5550	1	658	81	1520	1
4	5550	1	858	62	1166	1
5	5550	1	718	74	1393	1
6	5550	1	558	95	1792	1
7	5550	1	718	74	1393	1
8	5550	1	898	59	1114	1
9	5550	1	618	86	1618	1
10	5550	1	538	99	1859	1
11	5550	1	798	67	1253	1
12	5550	1	518	102	1931	1
13	5550	1	858	62	1166	1
14	5550	1	558	95	1792	1
15	5550	1	658	81	1520	1
16	5550	1	2332	23	429	1
17	5550	1	650	82	1538	1
18	5550	1	2100	26	476	1
19	5550	1	2007	27	498	1
20	5550	1	2248	24	445	1
21	5550	1	2175	25	460	1
22	5550	1	2954	18	339	1
23	5550	1	1452	37	689	1
24	5550	1	2564	21	390	1
25	5550	1	2273	24	440	1
26	5550	1	1195	45	837	1
27	5550	1	1162	46	861	1
28	5550	1	1079	49	927	1
29	5550	1	600	88	1667	1
30	5550	1	1994	27	502	1
Detection Percentage (%)						100.00



Test Mode	Mode 2					
Frequency	5550 MHz					
Radar Signal	Type 2					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5550	1.20	176.90	27	5653	1
2	5550	2.00	175.30	27	5705	1
3	5550	2.30	207.00	25	4831	1
4	5550	2.30	176.00	24	5682	1
5	5550	3.20	177.00	26	5650	1
6	5550	2.10	218.80	24	4570	1
7	5550	3.50	204.60	23	4888	1
8	5550	4.90	170.40	24	5869	1
9	5550	3.60	164.90	23	6064	1
10	5550	2.70	170.20	24	5875	1
11	5550	2.50	173.10	24	5777	1
12	5550	2.10	153.10	29	6532	1
13	5550	3.20	192.50	25	5195	1
14	5550	1.20	155.50	25	6431	1
15	5550	1.20	180.90	26	5528	1
16	5550	2.60	210.40	24	4753	1
17	5550	1.30	158.70	25	6301	1
18	5550	4.20	182.70	25	5473	1
19	5550	4.00	184.40	24	5423	1
20	5550	4.60	191.00	26	5236	1
21	5550	4.50	184.40	26	5423	1
22	5550	3.30	179.70	25	5565	1
23	5550	3.80	217.30	29	4602	1
24	5550	2.00	150.60	27	6640	1
25	5550	2.20	187.00	26	5348	1
26	5550	1.80	205.30	24	4871	1
27	5550	4.30	176.10	23	5679	1
28	5550	4.00	153.00	26	6536	1
29	5550	1.00	228.60	23	4374	1
30	5550	1.60	160.20	23	6242	1
Detection Percentage (%)						100.00



Test Mode	Mode 2					
Frequency	5550 MHz					
Radar Signal	Type 3					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5550	6.60	466.30	18	2144.54	1
2	5550	6.20	399.90	18	2500.63	1
3	5550	8.10	218.30	16	4580.85	0
4	5550	10.00	272.20	17	3673.77	1
5	5550	7.30	356.10	18	2808.20	1
6	5550	8.70	339.60	17	2944.64	0
7	5550	7.70	481.40	18	2077.27	1
8	5550	6.30	276.80	16	3612.72	1
9	5550	8.00	332.00	18	3012.05	1
10	5550	8.30	213.70	17	4679.46	1
11	5550	9.30	202.90	18	4928.54	1
12	5550	6.60	377.60	17	2648.31	1
13	5550	6.50	448.40	17	2230.15	1
14	5550	7.80	305.10	18	3277.61	1
15	5550	8.60	326.60	17	3061.85	1
16	5550	7.00	414.20	17	2414.29	1
17	5550	8.80	409.00	17	2444.99	1
18	5550	8.40	469.40	16	2130.38	1
19	5550	8.70	477.40	16	2094.68	1
20	5550	6.50	372.10	16	2687.45	1
21	5550	7.60	326.70	17	3060.91	1
22	5550	7.00	280.80	17	3561.25	1
23	5550	7.90	238.20	18	4198.15	1
24	5550	9.50	276.50	18	3616.64	1
25	5550	7.60	288.10	16	3471.02	1
26	5550	8.90	488.10	17	2048.76	1
27	5550	8.80	236.60	18	4226.54	1
28	5550	6.50	281.70	16	3549.88	1
29	5550	8.60	243.00	16	4115.23	1
30	5550	7.40	341.10	17	2931.69	1
Detection Percentage (%)						93.33



Test Mode	Mode 2					
Frequency	5550 MHz					
Radar Signal	Type 4					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5550	12.30	447.10	12	2237	1
2	5550	18.10	493.80	15	2025	1
3	5550	14.70	493.40	13	2027	1
4	5550	16.50	319.10	16	3134	1
5	5550	18.00	426.10	15	2347	1
6	5550	13.40	389.90	13	2565	1
7	5550	14.70	407.20	13	2456	1
8	5550	19.60	422.50	12	2367	1
9	5550	11.50	294.90	13	3391	1
10	5550	18.90	258.30	12	3871	1
11	5550	18.50	295.90	12	3380	1
12	5550	15.30	266.00	15	3759	1
13	5550	17.70	444.20	15	2251	1
14	5550	14.50	381.50	15	2621	1
15	5550	11.20	221.40	13	4517	1
16	5550	17.80	490.70	12	2038	1
17	5550	12.00	220.80	14	4529	1
18	5550	14.90	395.60	13	2528	1
19	5550	14.90	464.90	15	2151	1
20	5550	15.00	401.20	14	2493	1
21	5550	14.80	297.70	15	3359	1
22	5550	11.90	401.10	12	2493	1
23	5550	18.90	337.50	14	2963	1
24	5550	12.80	494.00	15	2024	1
25	5550	13.10	286.10	16	3495	1
26	5550	17.40	365.30	14	2737	1
27	5550	14.50	398.20	16	2511	1
28	5550	12.40	438.80	12	2279	1
29	5550	19.90	361.40	13	2767	1
30	5550	11.80	256.50	14	3899	1
Detection Percentage (%)						100.00



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
1	5535.5	1	88.5	10	1895.0	1	1
	5534.5	2	96.5	7	1208.6	1	
	5536.5	3	67.7	12	1694.7	3	
	5535.5	4	88.1	9	1809.3	2	
	5536.5	5	60.8	12	1521.9	3	
	5533.5	6	57.7	6	1468.8	3	
	5538.5	7	62.0	18	1251.3	1	
	5536.5	8	79.7	12	1684.6	1	
	5533.5	9	92.1	5	1357.9	1	
	5535.5	10	87.5	10	1686.9	1	
	5536.5	11	96.9	12	1679.9	2	
2	5536.5	1	90.5	12	1360.9	2	1
	5534.5	2	98.3	7	1315.9	2	
	5535.5	3	74.9	9	1505.1	1	
	5533.5	4	56.4	5	1499.0	3	
	5538.5	5	94.8	17	1197.7	1	
	5537.5	6	55.9	16	1416.6	1	
	5537.5	7	75.5	14	1689.7	3	
	5536.5	8	96.0	13	1444.6	3	
	5537.5	9	94.2	15	1236.4	1	
	5537.5	10	83.6	16	1721.3	3	
	5535.5	11	83.1	11	1852.3	1	
	5533.5	12	93.2	6	1467.5	1	
3	5536.5	1	74.1	13	1179.3	1	1
	5533.5	2	74.7	6	1433.8	2	
	5539.5	3	88.4	20	1357.1	3	
	5535.5	4	65.0	11	1661.8	3	
	5538.5	5	75.3	18	1539.0	1	
	5537.5	6	61.2	14	1250.7	1	
	5536.5	7	85.0	13	1425.9	3	
	5537.5	8	70.2	14	1360.2	2	
	5536.5	9	96.8	12	1809.7	3	
	5539.5	10	73.9	19	1668.5	1	
	5539.5	11	60.4	20	1950.4	1	
	5539.5	12	96.6	19	1784.9	3	
	5536.5	13	79.4	13	1123.5	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
4	5539.5	1	57.3	19	1658.2	3	1
	5538.5	2	99.6	18	1912.4	1	
	5535.5	3	59.9	10	1517.7	2	
	5537.5	4	87.4	14	1871.7	3	
	5535.5	5	56.9	10	1615.3	3	
	5534.5	6	53.7	8	1377.4	3	
	5536.5	7	88.9	12	1132.4	2	
	5539.5	8	64.5	20	1857.8	1	
	5537.5	9	77.0	16	1997.3	2	
5	5533.5	1	85.4	6	1654.8	2	1
	5538.5	2	83.6	18	1089.6	3	
	5537.5	3	78.6	16	1854.1	3	
	5539.5	4	86.3	19	1688.1	3	
	5534.5	5	99.8	7	1545.2	1	
	5537.5	6	55.9	14	1621.2	2	
	5536.5	7	93.7	13	1401.5	3	
	5537.5	8	89.8	14	1913.2	2	
	5538.5	9	98.7	17	1933.7	1	
	5533.5	10	57.9	6	1004.1	2	
	5536.5	11	85.2	13	1518.7	3	
	5538.5	12	70.5	17	1789.0	2	
	5535.5	13	50.7	11	1501.0	1	
	5538.5	14	98.9	17	1299.0	3	
	5535.5	15	50.7	11	1248.7	2	
6	5537.5	1	73.7	16	1967.2	1	1
	5533.5	2	62.6	6	1784.7	1	
	5535.5	3	98.4	9	1800.2	3	
	5536.5	4	66.6	13	1846.8	2	
	5536.5	5	77.2	13	1398.6	1	
	5533.5	6	51.2	6	1189.4	3	
	5538.5	7	53.9	18	1059.5	2	
	5533.5	8	66.9	6	1786.3	3	
	5535.5	9	88.8	9	1209.9	3	
	5535.5	10	98.9	11	1588.9	2	
	5537.5	11	50.6	15	1691.0	3	
	5535.5	12	70.0	9	1810.2	1	
	5533.5	13	97.3	6	1352.7	2	
	5539.5	14	81.6	19	1609.6	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
7	5537.5	1	82.4	16	1487.5	2	1
	5535.5	2	77.4	9	1652.7	2	
	5537.5	3	56.0	14	1313.7	1	
	5538.5	4	60.2	18	1413.8	3	
	5535.5	5	78.7	10	1779.4	2	
	5535.5	6	89.5	10	1228.0	1	
	5539.5	7	72.3	19	1304.6	2	
	5533.5	8	63.1	6	1498.5	2	
	5535.5	9	55.8	9	1853.5	3	
	5535.5	10	51.4	9	1280.8	3	
	5535.5	11	79.5	9	1300.4	1	
	5535.5	12	99.6	10	1952.7	1	
	5536.5	13	92.0	13	1393.4	1	
	5536.5	14	64.4	12	1695.3	1	
	5537.5	15	96.0	15	1579.4	1	
	5538.5	16	79.1	18	1929.6	3	
	5536.5	17	63.2	12	1197.6	3	
8	5538.5	1	67.0	17	1754.1	2	1
	5538.5	2	58.1	17	1832.4	2	
	5535.5	3	56.7	11	1934.1	3	
	5536.5	4	92.8	12	1027.6	1	
	5539.5	5	57.0	19	1357.9	2	
	5535.5	6	82.1	9	1168.8	3	
	5539.5	7	94.8	19	1523.5	2	
	5533.5	8	80.5	6	1844.9	2	
	5534.5	9	71.7	8	1575.7	1	
	5534.5	10	67.5	7	1379.1	2	
	5533.5	11	51.2	6	1202.4	2	
	5537.5	12	86.4	14	1349.5	2	
	5534.5	13	56.2	7	1706.6	3	
	5534.5	14	73.8	8	1987.2	3	
	5533.5	15	71.0	5	1381.3	1	
	5537.5	16	80.5	16	1251.2	1	
	5533.5	17	69.5	6	1662.9	2	
	5538.5	18	58.0	17	1060.8	2	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
9	5534.5	1	70.9	8	1846.9	3	1
	5538.5	2	50.7	18	1571.1	1	
	5533.5	3	68.9	5	1900.4	3	
	5535.5	4	81.6	10	1127.4	1	
	5537.5	5	72.4	14	1981.1	3	
	5538.5	6	93.1	17	1655.0	2	
	5537.5	7	85.8	16	1864.3	2	
	5537.5	8	65.9	14	1413.7	2	
	5536.5	9	95.1	13	1106.4	2	
	5539.5	10	99.1	19	1446.4	2	
	5537.5	11	54.5	14	1795.2	3	
	5534.5	12	67.4	8	1546.8	3	
	5537.5	13	86.4	15	1904.9	2	
	5538.5	14	68.3	17	1942.8	1	
	5539.5	15	53.9	20	1302.8	3	
	5535.5	16	83.7	9	1195.5	1	
	5534.5	17	64.4	8	1708.1	2	
	5533.5	18	88.3	6	1834.0	3	
	5535.5	19	54.6	11	1795.0	2	
10	5537.5	1	62.1	15	1776.9	1	1
	5535.5	2	76.2	9	1690.5	2	
	5536.5	3	74.2	12	1057.0	2	
	5535.5	4	73.0	9	1954.6	3	
	5533.5	5	61.6	6	1203.9	2	
	5537.5	6	52.7	14	1443.2	2	
	5533.5	7	86.8	6	1738.8	2	
	5534.5	8	66.4	8	1522.6	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	55.2	15	1032.5	1	1
	5550	2	65.8	19	1092.2	3	
	5550	3	88.4	19	1539.8	2	
	5550	4	82.3	12	1654.1	1	
	5550	5	63.7	5	1891.1	1	
	5550	6	68.6	9	1291.0	1	
	5550	7	88.9	18	1776.5	3	
	5550	8	88.3	17	1458.4	2	
	5550	9	97.0	8	1621.4	1	
	5550	10	80.1	17	1658.0	1	
	5550	11	68.8	14	1734.3	1	
	5550	12	94.6	12	1760.1	3	
	5550	13	70.3	15	1442.0	2	
	5550	14	82.5	16	1791.5	3	
	5550	15	67.5	13	1102.3	1	
	5550	16	58.4	11	1664.2	3	
12	5550	1	73.8	6	1250.1	3	1
	5550	2	60.3	12	1007.6	2	
	5550	3	54.8	15	1057.4	1	
	5550	4	65.1	10	1403.0	1	
	5550	5	79.4	15	1322.6	2	
	5550	6	72.7	15	1945.6	2	
	5550	7	94.0	20	1072.2	2	
	5550	8	73.2	11	1206.0	3	
	5550	9	53.2	9	1353.2	1	
	5550	10	88.2	14	1522.1	2	
	5550	11	55.0	19	1902.9	1	
	5550	12	65.5	16	1943.9	2	
	5550	13	56.8	10	1810.1	1	
	5550	14	80.2	13	1235.7	3	
	5550	15	100.0	6	1592.3	1	
	5550	16	94.6	5	1808.7	2	
	5550	17	83.1	19	1634.3	1	
	5550	18	67.5	12	1551.3	1	
	5550	19	57.9	11	1039.9	2	
	5550	20	65.8	10	1517.1	2	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
13	5550	1	75.3	14	1007.2	2	1
	5550	2	81.3	7	1877.6	1	
	5550	3	85.3	14	1910.5	1	
	5550	4	78.3	10	1811.3	1	
	5550	5	80.9	8	1954.1	3	
	5550	6	93.5	14	1619.2	3	
	5550	7	59.7	7	1875.1	3	
	5550	8	68.9	18	1932.4	3	
	5550	9	74.9	8	1428.2	3	
	5550	10	91.8	12	1623.2	1	
14	5550	1	84.0	9	1586.8	2	1
	5550	2	64.9	13	1059.0	3	
	5550	3	63.2	11	1017.5	2	
	5550	4	77.9	18	1803.2	3	
	5550	5	72.3	14	1777.2	3	
	5550	6	54.2	18	1656.0	1	
	5550	7	79.5	12	1083.5	2	
	5550	8	56.1	12	1742.8	1	
	5550	9	66.3	10	1619.2	3	
	5550	10	55.7	17	1932.7	2	
	5550	11	91.9	10	1366.0	2	
	5550	12	50.6	10	1542.3	3	
	5550	13	57.3	11	1540.0	3	
	5550	14	82.1	19	1596.5	2	
	5550	15	82.3	18	1536.1	3	
	5550	16	64.2	15	1390.4	3	
	5550	17	59.0	6	1521.6	3	
	5550	18	59.1	13	1734.6	2	
	5550	19	72.1	12	1351.3	3	
	5550	20	59.8	7	1105.9	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
15	5550	1	52.2	18	1286.2	2	1
	5550	2	69.7	16	1928.8	1	
	5550	3	80.1	15	1594.8	3	
	5550	4	88.6	12	1327.4	3	
	5550	5	66.7	17	1007.2	1	
	5550	6	59.3	13	1853.0	2	
	5550	7	61.4	8	1053.3	3	
	5550	8	96.8	17	1187.9	3	
	5550	9	56.4	8	1045.7	3	
	5550	10	64.9	9	1041.9	2	
	5550	11	85.2	10	1389.0	3	
	5550	12	53.9	18	1786.4	1	
	5550	13	83.6	15	1490.3	1	
	5550	14	88.2	13	1641.2	1	
	5550	15	91.0	12	1610.0	2	
	5550	16	59.4	13	1182.9	2	
	5550	17	63.7	6	1416.8	2	
	5550	18	61.1	6	1427.3	1	
	5550	19	90.4	17	1485.7	1	
16	5550	1	73.7	9	1609.1	3	1
	5550	2	60.7	6	1779.1	1	
	5550	3	63.2	6	1334.6	1	
	5550	4	56.7	12	1457.2	1	
	5550	5	67.9	13	1218.4	2	
	5550	6	57.1	16	1294.5	1	
	5550	7	74.0	11	1603.3	2	
	5550	8	59.6	7	1197.5	1	
	5550	9	83.2	13	1173.7	2	
	5550	10	65.9	18	1131.6	1	
	5550	11	60.5	15	1585.6	2	
	5550	12	85.5	10	1827.0	3	
	5550	13	54.1	19	1227.7	3	
	5550	14	98.9	13	1601.7	1	
	5550	15	81.7	6	1990.9	1	
	5550	16	52.5	6	1310.3	2	
	5550	17	73.9	13	1893.1	3	
	5550	18	90.8	10	1313.3	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
17	5550	1	80.7	14	1999.3	2	1
	5550	2	76.6	12	1224.2	3	
	5550	3	53.6	9	1984.9	1	
	5550	4	80.8	9	1122.4	2	
	5550	5	79.2	5	1200.3	3	
	5550	6	64.1	18	1642.4	1	
	5550	7	61.9	9	1489.6	3	
	5550	8	78.8	14	1635.8	3	
	5550	9	75.4	6	1732.5	2	
	5550	10	53.8	7	1444.6	2	
	5550	11	63.8	16	1859.7	3	
	5550	12	55.6	5	1057.1	1	
	5550	13	64.1	14	1733.6	3	
	5550	14	64.1	16	1205.6	3	
	5550	15	72.5	13	1123.0	1	
	5550	16	88.9	15	1602.2	2	
	5550	17	65.4	20	1992.7	1	
18	5550	1	68.4	16	1788.1	2	1
	5550	2	54.7	6	1082.6	3	
	5550	3	60.0	6	1892.5	3	
	5550	4	97.4	16	1630.6	3	
	5550	5	58.0	13	1165.6	2	
	5550	6	67.4	6	1220.1	3	
	5550	7	89.0	6	1689.6	1	
	5550	8	79.4	11	1926.8	2	
	5550	9	84.8	10	1965.3	3	
	5550	10	71.3	12	1396.8	3	
	5550	11	50.5	19	1466.8	2	
	5550	12	65.4	7	1611.4	1	
	5550	13	85.8	17	1090.3	3	
	5550	14	67.7	14	1057.7	1	
	5550	15	73.7	9	1073.1	3	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
19	5550	1	75.8	9	1112.3	3	1
	5550	2	59.2	18	1022.8	3	
	5550	3	55.2	7	1305.3	2	
	5550	4	89.6	20	1548.4	1	
	5550	5	96.5	5	1510.8	3	
	5550	6	63.7	18	1446.0	1	
	5550	7	94.4	10	1503.7	1	
	5550	8	58.0	17	1002.7	2	
	5550	9	84.5	11	1380.6	1	
	5550	10	83.7	19	1918.4	1	
	5550	11	50.5	20	1061.9	2	
	5550	12	100.0	15	1175.3	1	
	5550	13	87.0	17	1661.4	1	
	5550	14	86.9	11	1991.2	3	
20	5550	1	78.8	12	1700.6	2	1
	5550	2	80.3	14	1112.3	1	
	5550	3	81.1	7	1588.2	1	
	5550	4	92.0	16	1025.3	3	
	5550	5	81.7	16	1501.9	2	
	5550	6	80.6	13	1018.0	3	
	5550	7	81.3	8	1522.9	1	
	5550	8	86.6	6	1240.1	3	
	5550	9	80.1	9	1032.8	2	
	5550	10	87.9	12	1310.8	2	
21	5561.5	1	51.2	18	1310.5	1	1
	5562.5	2	94.1	15	1151.6	2	
	5565.5	3	74.6	8	1793.8	3	
	5564.5	4	86.1	11	1267.9	1	
	5562.5	5	52.0	14	1441.2	3	
	5562.5	6	71.9	16	1930.8	3	
	5563.5	7	52.9	12	1398.2	2	
	5564.5	8	54.8	11	1418.8	1	
	5561.5	9	65.5	17	1056.4	3	
	5564.5	10	95.2	10	1234.0	1	
	5562.5	11	81.1	16	1080.9	3	
	5562.5	12	82.8	14	1649.0	2	



Test Mode		Mode 2					
Frequency		5550 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
22	5563.5	1	97.5	12	1479.9	2	1
	5561.5	2	57.9	18	1375.0	1	
	5560.5	3	65.0	20	1019.1	3	
	5563.5	4	88.0	13	1914.8	2	
	5561.5	5	85.8	18	1905.4	3	
	5560.5	6	88.6	20	1950.2	2	
	5563.5	7	72.7	12	1852.1	3	
	5564.5	8	69.3	10	1485.0	1	
	5563.5	9	68.0	13	1915.4	1	
23	5565.5	1	92.2	8	1170.0	1	1
	5563.5	2	98.2	12	1921.6	2	
	5561.5	3	69.7	17	1961.8	3	
	5563.5	4	75.0	12	1207.4	3	
	5564.5	5	86.5	11	1579.7	2	
	5560.5	6	96.2	19	1357.6	1	
	5564.5	7	85.7	10	1944.8	2	
	5562.5	8	64.6	15	1944.7	1	
	5565.5	9	86.2	8	1565.1	3	
	5562.5	10	71.6	16	1126.6	1	
	5565.5	11	60.6	8	1884.8	1	
	5561.5	12	55.6	17	1876.0	2	
	5560.5	13	54.0	19	1702.4	2	
	5561.5	14	86.0	17	1683.8	2	
	5561.5	15	79.7	17	1052.8	3	
24	5562.5	1	79.7	14	1992.3	2	1
	5564.5	2	63.1	11	1588.5	1	
	5562.5	3	94.7	15	1481.5	3	
	5561.5	4	91.4	17	1497.6	2	
	5565.5	5	60.9	7	1979.1	3	
	5565.5	6	64.5	8	1695.6	3	
	5564.5	7	82.9	9	1135.2	1	
	5560.5	8	96.0	19	1508.2	1	
	5561.5	9	57.2	17	1938.2	2	
	5562.5	10	67.0	14	1685.0	2	
	5563.5	11	91.8	13	1653.8	3	
	5562.5	12	67.7	14	1375.7	1	
	5563.5	13	92.9	12	1840.3	2	
	5566.5	14	87.0	5	1385.5	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
25	5562.5	1	77.2	14	1447.3	2	1
	5563.5	2	88.7	13	1109.6	3	
	5560.5	3	68.7	19	1325.7	1	
	5563.5	4	59.6	13	1588.4	2	
	5565.5	5	79.0	8	1731.3	1	
	5564.5	6	96.9	9	1692.3	2	
	5564.5	7	66.7	10	1352.2	2	
	5566.5	8	83.5	6	1238.3	2	
	5560.5	9	99.0	19	1804.6	1	
	5561.5	10	66.5	18	1197.6	3	
	5560.5	11	96.2	20	1677.4	2	
	5563.5	12	63.8	13	1318.1	2	
	5565.5	13	88.4	8	1262.8	3	
	5564.5	14	64.4	9	1126.5	1	
	5565.5	15	75.8	7	1469.0	2	
	5564.5	16	78.2	11	1143.7	3	
	5561.5	17	93.3	17	1046.1	2	
	5565.5	18	95.3	7	1416.4	2	
26	5564.5	1	89.2	11	1065.2	1	1
	5566.5	2	82.7	6	1650.6	1	
	5565.5	3	53.2	8	1892.9	2	
	5560.5	4	87.6	19	1572.3	2	
	5562.5	5	82.4	14	1076.6	1	
	5562.5	6	77.3	16	1807.0	2	
	5561.5	7	96.1	18	1011.4	2	
	5565.5	8	53.3	7	1816.7	2	
	5560.5	9	64.3	20	1308.9	3	
	5564.5	10	51.7	10	1811.0	1	
	5566.5	11	69.1	6	1486.5	1	
	5561.5	12	61.8	17	1645.4	2	
	5564.5	13	93.0	9	1800.2	2	
	5564.5	14	75.8	11	1328.9	2	
	5564.5	15	68.2	10	1969.4	3	
	5564.5	16	89.3	11	1251.4	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
27	5562.5	1	54.0	15	1280.9	1	1
	5562.5	2	53.7	14	1193.5	3	
	5563.5	3	85.6	12	1185.7	3	
	5562.5	4	76.5	15	1827.8	2	
	5560.5	5	88.9	19	1802.0	3	
	5562.5	6	61.9	14	1797.6	1	
	5562.5	7	70.4	14	1156.5	1	
	5561.5	8	95.4	17	1851.9	2	
	5564.5	9	55.2	9	1706.5	2	
	5565.5	10	69.9	7	1555.1	1	
	5562.5	11	93.8	15	1139.8	1	
	5563.5	12	98.2	12	1363.1	3	
	5565.5	13	88.6	8	1254.3	3	
	5563.5	14	56.9	13	1579.7	2	
	5561.5	15	98.9	18	1563.0	1	
	5562.5	16	93.7	14	1336.4	2	
	5562.5	17	51.1	15	1550.6	3	
	5564.5	18	63.8	10	1120.6	2	
	5566.5	19	76.4	6	1577.8	3	
	5566.5	20	95.9	5	1572.2	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
28	5563.5	1	59.4	13	1946.9	2	1
	5563.5	2	59.9	12	1356.2	1	
	5564.5	3	56.3	11	1320.2	3	
	5562.5	4	87.1	15	1441.4	1	
	5565.5	5	95.5	7	1820.6	1	
	5566.5	6	82.9	6	1494.7	2	
	5566.5	7	79.7	6	1794.7	3	
	5562.5	8	58.8	16	1439.4	3	
	5564.5	9	56.9	9	1239.6	2	
	5566.5	10	59.7	5	1620.3	1	
	5566.5	11	53.9	6	1700.2	3	
	5563.5	12	72.7	12	1275.1	1	
	5564.5	13	56.3	10	1019.6	3	
	5562.5	14	84.6	16	1533.5	2	
	5564.5	15	70.6	10	1174.2	1	
	5565.5	16	73.9	8	1168.5	2	
	5562.5	17	95.9	15	1860.5	1	
	5560.5	18	76.1	19	1077.4	3	
	5562.5	19	67.5	15	1978.3	2	
	5563.5	20	78.6	13	1571.3	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
29	5564.5	1	66.2	9	1475.5	3	1
	5563.5	2	61.3	12	1775.8	1	
	5565.5	3	80.1	8	1233.1	2	
	5563.5	4	98.3	13	1680.5	3	
	5562.5	5	77.0	16	1928.2	3	
	5562.5	6	94.6	14	1200.8	2	
	5565.5	7	95.7	7	1102.2	2	
	5563.5	8	65.9	12	1292.5	1	
	5564.5	9	78.7	10	1083.9	1	
	5566.5	10	85.0	5	1939.1	1	
	5562.5	11	84.5	14	1257.9	1	
	5560.5	12	58.0	19	1113.8	2	
	5564.5	13	66.5	9	1089.3	1	
	5564.5	14	72.0	10	1491.8	1	
	5560.5	15	55.9	19	1584.8	2	
	5565.5	16	64.2	7	1557.5	2	
	5566.5	17	66.2	6	1342.9	2	
30	5565.5	1	95.5	8	1935.7	3	1
	5561.5	2	91.3	18	1067.5	1	
	5566.5	3	86.8	6	1921.7	3	
	5562.5	4	58.8	15	1397.6	1	
	5564.5	5	97.7	10	1404.3	1	
	5563.5	6	56.5	13	1746.4	1	
	5561.5	7	74.7	17	1945.2	3	
	5565.5	8	61.5	7	1245.3	1	
	5562.5	9	84.7	16	1536.9	2	
	5560.5	10	77.8	19	1567.8	3	
	5564.5	11	79.7	9	1318.9	3	
	5561.5	12	95.3	17	1596.9	1	
	5563.5	13	78.6	12	1874.4	1	
	5566.5	14	71.1	5	1993.4	2	
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



Test Mode	Mode 3					
Frequency	5530 MHz					
Radar Signal	Type 1					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5530	1	938	57	1066	1
2	5530	1	618	86	1618	1
3	5530	1	858	62	1166	1
4	5530	1	698	76	1433	1
5	5530	1	858	62	1166	1
6	5530	1	718	74	1393	1
7	5530	1	3066	18	326	1
8	5530	1	658	81	1520	1
9	5530	1	758	70	1319	1
10	5530	1	918	58	1089	1
11	5530	1	558	95	1792	1
12	5530	1	778	68	1285	1
13	5530	1	758	70	1319	1
14	5530	1	898	59	1114	1
15	5530	1	558	95	1792	1
16	5530	1	572	93	1748	1
17	5530	1	1117	48	895	1
18	5530	1	1144	47	874	1
19	5530	1	2794	19	358	1
20	5530	1	2186	25	457	1
21	5530	1	674	79	1484	1
22	5530	1	2699	20	371	1
23	5530	1	1202	44	832	1
24	5530	1	1110	48	901	1
25	5530	1	2602	21	384	1
26	5530	1	1229	43	814	1
27	5530	1	3061	18	327	1
28	5530	1	1276	42	784	1
29	5530	1	3065	18	326	1
30	5530	1	679	78	1473	1
Detection Percentage (%)						100.00



Test Mode	Mode 3					
Frequency	5530 MHz					
Radar Signal	Type 2					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5530	4.70	172.40	25	5800	1
2	5530	3.90	223.50	27	4474	1
3	5530	1.00	173.80	29	5754	1
4	5530	3.70	204.10	25	4900	1
5	5530	3.20	186.10	26	5373	1
6	5530	1.80	179.60	25	5568	1
7	5530	3.20	207.10	26	4829	1
8	5530	3.10	217.40	24	4600	1
9	5530	3.90	174.00	29	5747	1
10	5530	3.70	158.50	27	6309	1
11	5530	2.10	160.70	23	6223	1
12	5530	3.90	210.20	25	4757	1
13	5530	2.80	164.60	24	6075	1
14	5530	3.20	202.70	29	4933	1
15	5530	1.10	178.10	26	5615	1
16	5530	2.70	207.60	29	4817	1
17	5530	2.20	218.50	25	4577	1
18	5530	1.30	181.90	26	5498	1
19	5530	3.60	155.70	23	6423	1
20	5530	4.50	209.40	24	4776	1
21	5530	4.70	165.30	24	6050	1
22	5530	4.20	224.90	25	4446	1
23	5530	2.10	158.40	29	6313	1
24	5530	4.60	193.80	29	5160	1
25	5530	3.00	214.70	26	4658	1
26	5530	1.30	189.30	26	5283	1
27	5530	2.80	161.70	29	6184	1
28	5530	3.70	174.00	26	5747	1
29	5530	4.60	187.90	25	5322	1
30	5530	3.60	160.00	23	6250	1
Detection Percentage (%)						100.00



Test Mode	Mode 3					
Frequency	5530 MHz					
Radar Signal	Type 3					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5530	6.00	499.60	18	2001.60	1
2	5530	6.40	263.10	18	3800.84	1
3	5530	9.60	402.70	18	2483.24	1
4	5530	9.50	319.30	16	3131.85	1
5	5530	9.40	201.30	17	4967.71	1
6	5530	7.40	391.20	17	2556.24	1
7	5530	7.70	373.10	17	2680.25	1
8	5530	7.00	218.30	17	4580.85	1
9	5530	7.40	392.10	16	2550.37	1
10	5530	7.80	354.10	18	2824.06	1
11	5530	6.90	427.40	16	2339.73	1
12	5530	7.40	255.00	18	3921.57	1
13	5530	8.70	443.80	17	2253.27	1
14	5530	9.00	470.90	18	2123.59	1
15	5530	8.50	298.50	17	3350.08	1
16	5530	8.60	462.80	17	2160.76	1
17	5530	6.20	450.50	18	2219.76	1
18	5530	6.80	299.60	18	3337.78	1
19	5530	6.10	464.10	17	2154.71	1
20	5530	9.50	369.00	16	2710.03	1
21	5530	7.40	463.70	18	2156.57	1
22	5530	8.40	459.60	18	2175.81	1
23	5530	6.30	281.00	18	3558.72	1
24	5530	6.80	286.40	18	3491.62	1
25	5530	8.00	468.10	17	2136.30	1
26	5530	10.00	354.80	16	2818.49	1
27	5530	9.80	491.60	16	2034.17	1
28	5530	8.60	416.50	16	2400.96	1
29	5530	6.50	200.60	18	4985.04	1
30	5530	6.50	235.10	18	4253.51	1
Detection Percentage (%)						100.00



Test Mode	Mode 3					
Frequency	5530 MHz					
Radar Signal	Type 4					
Trial #	Test Frequency (MHz)	Pulse Width (us)	PRI (us)	Number of Pluse	PRF (Hz)	1=Detection ; 0=No Detection
1	5530	13.00	367.50	13	2721	1
2	5530	16.30	325.00	12	3077	1
3	5530	16.60	439.00	14	2278	1
4	5530	13.50	481.50	15	2077	1
5	5530	19.10	398.50	12	2509	1
6	5530	16.00	442.30	15	2261	1
7	5530	18.50	321.60	12	3109	1
8	5530	16.00	468.00	16	2137	1
9	5530	13.90	430.90	16	2321	1
10	5530	18.90	261.50	13	3824	1
11	5530	15.00	360.60	12	2773	1
12	5530	12.90	404.80	12	2470	1
13	5530	11.20	479.20	14	2087	1
14	5530	14.70	272.10	12	3675	1
15	5530	18.10	363.10	16	2754	1
16	5530	19.00	321.80	15	3108	1
17	5530	15.30	348.70	16	2868	1
18	5530	14.70	270.40	12	3698	1
19	5530	13.80	447.20	13	2236	1
20	5530	17.90	208.40	15	4798	1
21	5530	19.60	423.20	13	2363	1
22	5530	19.00	372.20	13	2687	1
23	5530	18.30	226.80	12	4409	1
24	5530	16.60	279.60	16	3577	1
25	5530	14.00	448.60	13	2229	1
26	5530	19.40	396.00	15	2525	1
27	5530	13.70	386.80	15	2585	1
28	5530	14.00	406.00	14	2463	1
29	5530	16.40	214.80	13	4655	1
30	5530	19.80	412.70	13	2423	1
Detection Percentage (%)						100.00



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
1	5497.5	1	52.7	13	1111.3	2	1
	5499.5	2	50.5	17	1530.5	1	
	5495.5	3	83.1	8	1640.4	2	
	5496.5	4	62.4	11	1834.6	2	
	5494.5	5	69.6	6	1749.8	2	
	5498.5	6	64.4	16	1745.0	2	
	5499.5	7	96.1	17	1536.4	1	
	5498.5	8	81.2	14	1491.8	1	
	5498.5	9	86.1	16	1812.4	2	
	5495.5	10	89.8	8	1821.6	1	
	5496.5	11	89.7	9	1210.5	3	
2	5498.5	1	66.9	14	1857.3	1	1
	5497.5	2	59.6	13	1467.4	2	
	5496.5	3	88.4	11	1438.7	1	
	5499.5	4	72.3	18	1428.8	1	
	5498.5	5	98.8	15	1512.9	1	
	5496.5	6	71.0	10	1179.9	2	
	5500.5	7	51.7	19	1547.5	1	
	5498.5	8	71.4	16	1965.1	2	
	5499.5	9	92.4	18	1305.6	3	
	5496.5	10	94.2	11	1694.8	1	
	5496.5	11	75.6	10	1904.7	3	
	5496.5	12	50.3	11	1581.8	2	
3	5497.5	1	72.5	12	1232.1	2	1
	5497.5	2	82.1	13	1616.9	1	
	5495.5	3	66.2	8	1701.5	2	
	5497.5	4	90.3	13	1695.4	1	
	5500.5	5	83.7	20	1671.0	1	
	5499.5	6	63.3	17	1546.1	3	
	5494.5	7	85.2	5	1824.3	3	
	5497.5	8	67.9	12	1241.3	3	
	5499.5	9	93.9	18	1034.3	2	
	5499.5	10	78.7	17	1082.1	1	
	5497.5	11	99.1	12	1256.4	1	
	5498.5	12	63.4	15	1845.3	3	
	5495.5	13	67.2	7	1421.4	3	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
4	5496.5	1	68.5	11	1657.1	3	1
	5498.5	2	99.8	14	1109.5	1	
	5499.5	3	82.2	17	1008.5	3	
	5500.5	4	75.7	19	1995.3	3	
	5500.5	5	87.3	20	1912.2	3	
	5500.5	6	76.6	20	1650.1	3	
	5498.5	7	93.0	15	1200.2	1	
	5500.5	8	75.6	19	1491.4	2	
	5498.5	9	83.9	15	1558.5	2	
5	5497.5	1	84.7	12	1382.9	1	1
	5498.5	2	97.5	16	1007.3	3	
	5498.5	3	71.1	16	1812.8	3	
	5498.5	4	85.6	14	1914.2	1	
	5495.5	5	67.6	8	1168.1	3	
	5497.5	6	64.0	13	1312.4	3	
	5496.5	7	93.1	10	1375.3	3	
	5497.5	8	79.2	12	1788.6	3	
	5496.5	9	59.6	11	1669.5	2	
	5495.5	10	51.3	7	1677.0	1	
	5497.5	11	70.3	13	1693.8	3	
	5496.5	12	68.7	9	1693.5	3	
	5500.5	13	68.4	19	1277.1	1	
	5496.5	14	66.5	9	1798.8	1	
	5496.5	15	62.4	9	1591.2	1	
6	5499.5	1	74.6	17	1879.8	2	1
	5496.5	2	86.6	9	1360.5	1	
	5498.5	3	89.1	14	1430.9	1	
	5498.5	4	74.4	16	1354.1	1	
	5498.5	5	87.2	14	1840.7	3	
	5497.5	6	60.8	12	1159.0	3	
	5498.5	7	80.7	16	1335.2	2	
	5496.5	8	92.4	9	1528.9	1	
	5494.5	9	62.7	5	1590.0	2	
	5498.5	10	98.4	14	1880.5	1	
	5496.5	11	68.8	10	1517.7	3	
	5495.5	12	66.6	7	1449.3	1	
	5496.5	13	79.2	9	1910.7	3	
	5497.5	14	92.4	12	1134.0	2	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
7	5496.5	1	62.9	10	1882.7	3	1
	5500.5	2	63.8	19	1582.4	1	
	5496.5	3	92.3	9	1168.1	1	
	5494.5	4	92.9	5	1375.6	3	
	5498.5	5	74.2	16	1746.5	2	
	5500.5	6	93.6	19	1425.3	2	
	5496.5	7	89.9	10	1577.4	3	
	5498.5	8	89.2	16	1222.7	3	
	5500.5	9	73.1	19	1638.3	2	
	5495.5	10	90.7	8	1533.2	1	
	5495.5	11	93.1	7	1346.1	3	
	5498.5	12	91.7	15	1136.7	1	
	5495.5	13	91.5	7	1255.6	3	
	5497.5	14	56.1	12	1801.5	3	
	5499.5	15	77.6	18	1642.8	1	
	5496.5	16	77.7	9	1806.8	1	
	5499.5	17	70.4	17	1415.0	2	
8	5495.5	1	88.3	8	1424.6	1	1
	5496.5	2	55.0	9	1968.5	1	
	5498.5	3	60.6	15	1439.5	2	
	5496.5	4	87.9	11	1399.0	1	
	5497.5	5	99.4	13	1793.6	3	
	5500.5	6	62.8	20	1251.8	3	
	5494.5	7	51.2	6	1599.5	2	
	5497.5	8	58.3	12	1529.1	3	
	5498.5	9	60.3	15	1405.2	2	
	5499.5	10	71.9	17	1703.4	3	
	5496.5	11	86.1	11	1430.6	3	
	5500.5	12	74.8	19	1237.7	2	
	5495.5	13	87.8	7	1124.0	2	
	5500.5	14	67.7	20	1902.6	3	
	5499.5	15	54.1	17	1585.5	3	
	5499.5	16	91.0	17	1191.9	3	
	5499.5	17	53.1	17	1806.6	2	
	5497.5	18	61.9	12	1700.4	2	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
9	5498.5	1	51.6	14	1718.5	3	1
	5494.5	2	82.1	6	1693.7	3	
	5498.5	3	52.0	14	1231.9	1	
	5495.5	4	92.9	8	1387.5	3	
	5495.5	5	53.3	8	1192.5	2	
	5494.5	6	88.5	6	1849.9	1	
	5494.5	7	55.5	6	1205.5	3	
	5498.5	8	89.1	16	1568.7	3	
	5499.5	9	92.2	17	1167.1	3	
	5494.5	10	74.3	6	1263.3	3	
	5499.5	11	79.7	18	1511.5	1	
	5494.5	12	87.9	5	1431.9	2	
	5500.5	13	82.0	19	1281.7	2	
	5498.5	14	91.8	16	1740.9	2	
	5496.5	15	54.1	9	1492.9	1	
	5498.5	16	77.4	16	1811.7	2	
	5496.5	17	78.4	10	1003.8	3	
	5497.5	18	58.8	13	1161.6	2	
	5494.5	19	74.0	6	1902.6	1	
10	5498.5	1	56.3	15	1773.6	2	1
	5498.5	2	69.2	14	1975.3	3	
	5494.5	3	80.2	6	1179.7	3	
	5496.5	4	73.4	10	1832.7	2	
	5494.5	5	92.6	6	1957.0	3	
	5497.5	6	93.0	12	1318.8	1	
	5500.5	7	94.8	19	1492.7	1	
	5496.5	8	99.9	10	1887.1	1	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
11	5530	1	51.4	12	1009.4	2	1
	5530	2	55.8	18	1242.1	2	
	5530	3	59.5	20	1530.2	3	
	5530	4	63.3	14	1557.4	2	
	5530	5	53.8	9	1136.1	3	
	5530	6	75.5	18	1854.0	3	
	5530	7	62.9	17	1009.0	2	
	5530	8	54.2	13	1665.5	3	
	5530	9	91.2	16	1503.7	1	
	5530	10	60.4	13	1542.2	1	
	5530	11	88.3	6	1737.8	1	
	5530	12	99.4	14	1602.5	2	
	5530	13	75.2	13	1550.7	3	
	5530	14	72.2	10	1164.0	3	
	5530	15	98.3	16	1076.0	2	
	5530	16	56.3	7	1904.9	3	
12	5530	1	92.2	19	1912.9	1	1
	5530	2	79.2	9	1047.4	2	
	5530	3	64.5	13	1540.5	1	
	5530	4	98.5	7	1509.9	1	
	5530	5	51.3	11	1680.3	1	
	5530	6	81.9	13	1382.6	1	
	5530	7	72.1	12	1925.6	3	
	5530	8	74.6	18	1269.1	2	
	5530	9	61.0	10	1369.4	1	
	5530	10	80.2	16	1914.3	1	
	5530	11	71.7	11	1369.0	2	
	5530	12	97.0	10	1378.3	2	
	5530	13	57.5	10	1649.0	1	
	5530	14	52.9	12	1247.6	2	
	5530	15	61.6	19	1625.5	2	
	5530	16	76.7	12	1492.1	1	
	5530	17	96.6	16	1087.8	1	
	5530	18	57.5	7	1139.4	2	
	5530	19	63.5	15	1366.9	1	
	5530	20	60.2	10	1531.9	3	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
13	5530	1	97.0	7	1008.9	2	1
	5530	2	85.1	16	1587.1	2	
	5530	3	67.4	16	1397.0	2	
	5530	4	59.7	10	1234.0	3	
	5530	5	75.5	13	1128.9	3	
	5530	6	61.4	9	1044.7	1	
	5530	7	52.6	16	1696.8	1	
	5530	8	50.4	17	1001.3	1	
	5530	9	66.8	18	1730.0	3	
	5530	10	52.4	7	1120.6	1	
14	5530	1	90.3	19	1770.0	3	1
	5530	2	56.4	18	1598.3	3	
	5530	3	58.9	8	1990.0	3	
	5530	4	78.9	7	1409.2	2	
	5530	5	97.9	14	1537.9	2	
	5530	6	77.9	16	1063.8	2	
	5530	7	88.5	12	1829.9	1	
	5530	8	58.6	11	1508.7	3	
	5530	9	67.0	8	1097.6	2	
	5530	10	66.1	19	1279.5	1	
	5530	11	78.1	8	1708.7	1	
	5530	12	65.8	16	1481.8	1	
	5530	13	62.7	12	1790.7	2	
	5530	14	68.4	19	1632.1	1	
	5530	15	54.3	6	1533.2	3	
	5530	16	89.2	8	1304.9	1	
	5530	17	83.1	11	1874.3	2	
	5530	18	51.3	10	1144.7	2	
	5530	19	57.2	9	1393.6	1	
	5530	20	95.6	13	1127.3	2	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
15	5530	1	69.1	17	1790.3	3	1
	5530	2	94.1	13	1672.8	3	
	5530	3	97.8	19	1011.6	2	
	5530	4	71.4	8	1662.0	2	
	5530	5	72.7	10	1253.6	2	
	5530	6	82.5	14	1183.7	3	
	5530	7	50.2	19	1423.6	1	
	5530	8	65.1	11	1433.2	3	
	5530	9	83.6	15	1165.7	1	
	5530	10	99.2	17	1458.5	3	
	5530	11	97.2	6	1584.2	1	
	5530	12	84.8	13	1334.5	1	
	5530	13	64.5	7	1780.8	1	
	5530	14	92.7	11	1714.8	2	
	5530	15	79.8	12	1368.5	3	
	5530	16	57.8	7	1797.6	3	
	5530	17	63.9	8	1646.5	1	
	5530	18	84.7	17	1483.5	2	
	5530	19	54.7	16	1677.6	2	
16	5530	1	78.4	11	1258.2	2	1
	5530	2	68.1	15	1896.9	2	
	5530	3	95.2	19	1936.6	3	
	5530	4	84.4	6	1111.8	3	
	5530	5	54.3	20	1401.2	1	
	5530	6	58.8	11	1016.1	3	
	5530	7	94.0	18	1184.4	3	
	5530	8	56.8	18	1483.1	2	
	5530	9	50.4	8	1549.0	2	
	5530	10	68.9	19	1053.3	3	
	5530	11	89.4	14	1190.8	1	
	5530	12	83.5	12	1072.7	3	
	5530	13	91.8	9	1448.1	3	
	5530	14	54.3	11	1198.7	3	
	5530	15	88.5	10	1339.3	2	
	5530	16	79.7	19	1027.4	2	
	5530	17	64.4	16	1114.8	3	
	5530	18	83.2	15	1826.7	3	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
17	5530	1	58.6	10	1616.6	1	1
	5530	2	95.1	12	1691.6	1	
	5530	3	82.9	20	1126.4	2	
	5530	4	90.1	19	1900.6	3	
	5530	5	64.0	19	1661.7	2	
	5530	6	91.1	12	1115.8	2	
	5530	7	94.4	6	1500.4	1	
	5530	8	78.5	16	1436.9	3	
	5530	9	98.1	14	1312.6	1	
	5530	10	88.5	15	1213.1	3	
	5530	11	53.7	11	1181.6	2	
	5530	12	63.0	15	1905.8	1	
	5530	13	95.9	10	1092.0	1	
	5530	14	62.2	16	1413.8	2	
	5530	15	86.9	15	1289.4	2	
	5530	16	86.2	10	1065.7	3	
	5530	17	50.3	6	1006.6	1	
18	5530	1	94.8	11	1702.0	1	1
	5530	2	83.9	6	1375.0	2	
	5530	3	53.2	19	1026.6	1	
	5530	4	82.1	8	1334.3	1	
	5530	5	91.9	17	1487.0	3	
	5530	6	95.5	7	1339.8	3	
	5530	7	97.8	12	1621.7	2	
	5530	8	98.4	15	1402.1	2	
	5530	9	98.1	10	1331.6	3	
	5530	10	57.1	20	1084.0	2	
	5530	11	55.3	14	1084.8	2	
	5530	12	97.7	12	1883.8	2	
	5530	13	53.5	11	1827.0	1	
	5530	14	55.0	19	1224.4	2	
	5530	15	61.5	18	1302.6	1	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
19	5530	1	54.6	10	1641.1	1	1
	5530	2	55.8	17	1505.7	2	
	5530	3	72.2	16	1621.9	2	
	5530	4	57.4	18	1267.6	2	
	5530	5	80.0	9	1285.3	1	
	5530	6	57.9	9	1375.7	3	
	5530	7	66.3	13	1252.3	1	
	5530	8	80.3	15	1688.3	3	
	5530	9	78.5	17	1682.7	3	
	5530	10	61.7	7	1098.3	2	
	5530	11	70.9	6	1009.9	3	
	5530	12	54.7	19	1395.5	1	
	5530	13	89.9	9	1630.6	1	
	5530	14	91.0	18	1565.2	1	
20	5530	1	55.3	16	1243.2	2	1
	5530	2	95.1	9	1010.2	1	
	5530	3	89.7	16	1519.3	1	
	5530	4	61.2	11	1904.2	3	
	5530	5	83.0	6	1104.6	3	
	5530	6	62.4	19	1913.5	3	
	5530	7	53.2	8	1823.0	3	
	5530	8	62.6	8	1528.4	1	
	5530	9	93.9	17	1820.0	3	
	5530	10	74.3	15	1659.4	3	
21	5563.5	1	87.6	9	1585.3	2	1
	5560.5	2	62.9	17	1196.9	1	
	5563.5	3	77.6	10	1557.6	2	
	5561.5	4	51.1	15	1221.7	2	
	5561.5	5	92.8	16	1625.3	3	
	5561.5	6	91.2	15	1046.0	3	
	5562.5	7	78.2	12	1074.4	3	
	5559.5	8	62.6	19	1273.3	1	
	5563.5	9	59.5	11	1005.6	3	
	5561.5	10	89.0	16	1975.8	1	
	5560.5	11	57.8	17	1841.0	3	
	5559.5	12	72.6	19	1927.6	2	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
22	5564.5	1	90.5	8	1101.4	1	1
	5563.5	2	81.2	9	1085.5	3	
	5561.5	3	99.9	15	1268.0	3	
	5561.5	4	80.1	16	1489.8	1	
	5560.5	5	70.3	18	1666.8	2	
	5561.5	6	74.2	16	1506.1	3	
	5559.5	7	60.7	19	1533.8	3	
	5565.5	8	56.4	6	1510.2	3	
	5563.5	9	67.8	11	1402.4	3	
23	5562.5	1	65.5	13	1779.5	2	1
	5561.5	2	65.7	15	1564.3	1	
	5562.5	3	96.3	12	1797.7	1	
	5565.5	4	70.9	5	1957.5	3	
	5562.5	5	74.7	12	1773.7	3	
	5565.5	6	58.2	5	1833.2	1	
	5563.5	7	91.9	10	1640.2	2	
	5559.5	8	83.4	19	1865.5	3	
	5561.5	9	90.5	15	1794.3	2	
	5563.5	10	73.7	9	1869.9	1	
	5564.5	11	77.2	8	1004.1	2	
	5562.5	12	58.0	13	1871.4	1	
	5563.5	13	86.9	11	1008.8	2	
	5559.5	14	53.7	20	1144.3	1	
	5562.5	15	81.0	12	1386.8	2	
24	5564.5	1	81.8	8	1563.7	1	1
	5561.5	2	66.1	16	1022.3	1	
	5560.5	3	83.1	18	1259.8	2	
	5564.5	4	92.1	7	1557.9	1	
	5561.5	5	59.9	15	1413.0	2	
	5560.5	6	77.9	17	1181.3	3	
	5563.5	7	71.1	10	1685.6	3	
	5563.5	8	96.6	9	1332.6	3	
	5559.5	9	82.6	19	1170.4	2	
	5563.5	10	85.4	9	1511.1	3	
	5561.5	11	72.8	16	1247.8	1	
	5564.5	12	90.6	8	1103.8	3	
	5563.5	13	62.5	11	1337.4	3	
	5562.5	14	61.1	12	1255.5	3	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
25	5565.5	1	94.7	6	1696.1	3	1
	5562.5	2	81.5	12	1738.0	2	
	5561.5	3	97.8	15	1945.7	3	
	5563.5	4	82.9	10	1664.7	2	
	5561.5	5	66.7	14	1685.8	3	
	5563.5	6	91.0	11	1810.7	3	
	5562.5	7	62.7	12	1767.4	1	
	5564.5	8	79.3	8	1358.5	1	
	5561.5	9	88.8	16	1730.5	1	
	5563.5	10	82.1	10	1498.8	2	
	5561.5	11	82.1	15	1530.8	3	
	5563.5	12	97.8	10	1177.0	2	
	5561.5	13	79.3	16	1665.4	1	
	5562.5	14	95.0	12	1334.1	3	
	5563.5	15	52.6	9	1951.5	3	
	5563.5	16	93.1	10	1422.4	2	
	5563.5	17	59.7	10	1733.9	3	
	5562.5	18	78.2	13	1866.9	2	
26	5563.5	1	71.7	11	1912.1	1	1
	5563.5	2	73.6	10	1376.2	1	
	5564.5	3	52.0	7	1935.9	2	
	5561.5	4	74.1	14	1203.4	1	
	5564.5	5	94.1	8	1006.4	1	
	5563.5	6	75.9	10	1619.5	3	
	5564.5	7	51.0	7	1113.2	2	
	5564.5	8	99.9	8	1482.4	1	
	5561.5	9	88.6	16	1450.2	1	
	5559.5	10	51.3	19	1104.3	2	
	5564.5	11	71.6	8	1228.5	3	
	5560.5	12	64.7	18	1344.5	2	
	5563.5	13	89.7	10	1303.2	1	
	5565.5	14	71.7	5	1231.0	2	
	5565.5	15	94.6	6	1223.2	3	
	5559.5	16	94.6	19	1961.7	3	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
27	5563.5	1	94.7	9	1266.7	1	1
	5564.5	2	77.7	7	1491.8	1	
	5561.5	3	79.1	16	1482.7	3	
	5564.5	4	83.8	8	1461.2	3	
	5564.5	5	87.1	7	1908.0	1	
	5561.5	6	62.6	16	1549.5	1	
	5559.5	7	66.7	19	1404.4	3	
	5560.5	8	78.9	18	1957.8	3	
	5561.5	9	71.8	15	1942.1	3	
	5561.5	10	57.0	16	1230.9	1	
	5559.5	11	58.3	19	1318.2	3	
	5559.5	12	92.7	19	1114.5	2	
	5563.5	13	99.2	11	1684.0	1	
	5563.5	14	68.9	11	1422.1	2	
	5563.5	15	65.4	10	1822.2	1	
	5559.5	16	98.0	20	1173.4	3	
	5560.5	17	64.3	18	1795.4	2	
	5563.5	18	75.8	10	1609.3	3	
	5560.5	19	52.4	17	1428.0	2	
	5565.5	20	73.1	6	1120.3	1	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
28	5561.5	1	96.2	15	1071.4	2	1
	5562.5	2	96.9	12	1608.6	3	
	5565.5	3	74.9	6	1997.6	1	
	5563.5	4	82.8	11	1143.8	2	
	5561.5	5	67.1	14	1029.5	3	
	5564.5	6	62.7	7	1704.4	1	
	5562.5	7	95.8	12	1058.9	1	
	5559.5	8	73.4	19	1764.9	3	
	5559.5	9	98.1	19	1793.7	3	
	5560.5	10	74.7	17	1445.1	3	
	5563.5	11	69.4	9	1844.4	3	
	5561.5	12	86.9	15	1727.7	2	
	5561.5	13	68.3	15	1060.8	1	
	5562.5	14	97.6	13	1243.1	3	
	5563.5	15	58.1	10	1189.0	3	
	5562.5	16	55.5	12	1482.4	2	
	5565.5	17	88.5	5	1450.3	2	
	5562.5	18	54.1	12	1838.1	2	
	5565.5	19	92.9	5	1919.3	2	
	5563.5	20	79.5	11	1321.4	2	



Test Mode		Mode 3					
Frequency		5530 MHz					
Radar Signal		Type 5					
Trial #	Test Frequency (MHz)	Burst#	Pulse Width (us)	Chirp Width (MHz)	PRI (us)	Number of Pulses / Burst	1=Detection ; 0=No Detection
29	5563.5	1	90.9	9	1185.5	2	1
	5565.5	2	52.4	5	1802.0	3	
	5565.5	3	57.6	6	1921.8	3	
	5561.5	4	91.7	14	1635.8	3	
	5565.5	5	66.3	6	1093.3	2	
	5560.5	6	84.4	18	1761.6	3	
	5564.5	7	95.3	7	1571.9	1	
	5561.5	8	81.3	14	1268.3	3	
	5564.5	9	99.6	7	1499.3	2	
	5560.5	10	56.4	18	1965.3	3	
	5562.5	11	53.8	12	1690.1	3	
	5559.5	12	85.1	19	1127.5	3	
	5563.5	13	77.0	10	1270.8	2	
	5565.5	14	51.1	6	1445.7	2	
	5561.5	15	51.7	15	1967.9	2	
	5559.5	16	99.9	19	1110.8	3	
	5562.5	17	67.8	12	1888.0	3	
30	5561.5	1	68.5	15	1622.7	1	1
	5559.5	2	85.5	19	1304.6	3	
	5563.5	3	50.6	9	1242.3	1	
	5563.5	4	75.7	9	1634.5	2	
	5560.5	5	94.3	18	1996.1	3	
	5560.5	6	77.9	18	1264.0	1	
	5560.5	7	55.3	18	1958.0	2	
	5562.5	8	66.1	13	1697.8	2	
	5561.5	9	76.8	14	1170.6	2	
	5563.5	10	88.5	11	1407.5	1	
	5560.5	11	88.7	18	1494.0	2	
	5565.5	12	54.8	6	1461.9	3	
	5559.5	13	84.8	20	1576.3	2	
	5565.5	14	62.6	6	1256.2	3	
Detection Percentage (%)							100.00



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