

**ELECTROMAGNETIC EMISSIONS  
COMPLIANCE REPORT**

**Applicant:** HTC Corporation  
No. 88, Section 3, Zhongxing Rd. Xindian Dist., New Taipei  
City 231, Taiwan

**Manufacturer:** HTC Corporation  
No. 88, Section 3, Zhongxing Rd. Xindian Dist., New Taipei  
City 231, Taiwan

**Product Name:** Headset

**Brand Name:** VIVE

**Model No.:** 2QBB100

**Model Difference:** N/A

**Report Number:** TERF2306001461E2

**FCC ID** NM82QBB100

**IC:** 4115A-2QBB100

**Date of EUT Received:** June 13, 2023

**Date of Test:** June 13, 2023 ~ July 7, 2023

**Issue Date:** August 9, 2023

Approved By \_\_\_\_\_

**Arno Hsieh**

**We hereby certify that:**

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT comply with FCC rule part §15.407, ISED RSS-247.

The results of this report relate only to the sample identified in this report.

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## Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2306001461E2	00	Add DFS Master function	July 24, 2023	Yuri Tsai	
TERF2306001461E2	01	Add note at section1.2	July 31, 2023	Yuri Tsai	*
TERF2306001461E2	02	Add note at section1.2	August 1, 2023	Yuri Tsai	*
TERF2306001461E2	03	Revise typo	August 9, 2023	Yuri Tsai	*

**Note:**

- The remark "\*" indicates modification of the report upon requests from certification body.

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## 1 GENERAL INFORMATION

### 1.1 Product Description

Product Name:	Headset
Brand Name:	VIVE
Model No.:	2QBB100
Model Difference:	N/A
Hardware Version:	N/A
DFS Firmware Version:	1.3.0.037.0
EUT Series No.:	N/A
Power Supply:	Battery Cradle 5V 3A, 9V 1.57A, 12V 1.5A

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1.2 FCC WLAN 5GHz:

Wi-Fi	Frequency Range	Channels	Modulation Technology
a/ n_HT/ ac_VHT/ ax_HE 20M	5180~5240	4	OFDMA
	5260~5320	4	OFDM
	5500~5720	12	OFDM
	5745~5825	5	OFDM
n_HT ac_VHT/ ax_HE 40M	5190~5230	2	OFDM
	5270~5310	2	OFDM
	5510~5710	6	OFDM
	5755~5795	2	OFDMA
ac_VHT/ ax_HE 80M	5210	1	OFDMA
	5290	1	OFDM
	5530~5690	3	OFDM
	5775	1	OFDMA
ac_VHT/ ax_HE 160M	5250	1	OFDMA
	5570	1	OFDMA

**Note:** The above channels and bandwidth are for DFS Slave only.

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**IC WLAN 5GHz:**

Wi-Fi	Frequency Range	Channels	Modulation Technology
a/ n_HT/ ac_VHT/ ax_HE 20M	5180~5240	4	OFDMA
	5260~5320	4	OFDM
	5500~5700	11	OFDM
	5720 (U-NII 2C)	1	OFDM
	5720 (U-NII 3)	1	OFDMA
	5745-5825	5	OFDM
n_HT ac_VHT/ ax_HE 40M	5190~5230	2	OFDM
	5270~5310	2	OFDM
	5510~5670	5	OFDM
	5710 (U-NII 2C)	1	OFDMA
	5710 (U-NII 3)	1	OFDMA
	5755-5795	2	OFDMA
ac_VHT/ ax_HE 80M	5210	1	OFDMA
	5290	1	OFDM
	5530~5610	2	OFDM
	5690 (U-NII 2C)	1	OFDM
	5690 (U-NII 3)	1	OFDMA
	5775	1	OFDMA
ac_VHT/ ax_HE 160M	5250	1	OFDMA
	5570	1	OFDMA

**Note:** The above channels and bandwidth are for DFS Slave only.

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**FCC/IC WLAN 5GHz:**

The device support DFS Bands of channels and bandwidth as following:

Wi-Fi	Channel	Modulation Technology
ac_VHT/ ax_HE 80M	CH58 / 5290 MHz	OFDM/OFDMA
	CH106 / 5530 MHz	
	CH138 / 5690 MHz	

**Note:** Device AP mode only Support 80MHz Bandwidth.

**1.3 Antenna Designation**

Antenna Type	Freq. (MHz)	Peak Antenna Gain (dBi)	Direction Gain(dBi)
Dipole	5150~5250	2.56	5.33
	5250~5350	2.56	5.33
	5470~5725	2.83	4.34
	5725~5850	2.68	4.30
Dipole	5150~5250	2.08	5.33
	5250~5350	2.08	5.33
	5470~5725	-0.48	4.34
	5725~5850	-0.36	4.30

**Note:**

1. Pre-scanned was done on the above antennas, measurements were demonstrated by using the antenna with the lowest gain as worst case scenarios.
2. Antenna information is provided by the applicant.

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### 1.4 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02  
RSS-247 issue 2 Feb. 2017

### 1.5 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	SAC 1	TW0027	TW3702
		SAC 2		
		SAC 3		
		Conduction 1		
		Conducted 1		
		Conducted 2		
		Conducted 3		
		Conducted 4		
		Conducted 5		
	Conducted 6			
	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	Conduction C	TW0028	
		SAC C		
		SAC D		
		SAC G		
		Conducted A		
		Conducted B		
		Conducted C		
		Conducted D		
		Conducted E		
Conducted F				
Conducted G				

**Note:** Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.

### 1.6 Special Accessories

There are no special accessories used while test was conducted.

### 1.7 Equipment Modifications

There was no modification incorporated into the EUT.

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## 2 SUMMARY OF TEST RESULT

FCC and ISED Rules	Description Of Test	Result
§15.407(h) FCC KDB 905462 D02 IC RSS-247 issue 1 §6.3	TPC and DFS Measurement	Compliant

## 3 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
TPC and DFS Measurement	+/- 1.04 Hz
Temperature	+/- 0.7 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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## 4 TPC AND DFS MEASUREMENT

### 4.1 TPC Requirements

According to Part 15.407 (h)(1) Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Result:

N/A, TPC is not required.

### 4.2 DFS: Standard Applicable

According to §15.407(h)(2) and FCC KDB 905462 D02 , Radar Detection Function of Dynamic Frequency Selection (DFS).

Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems. Operators shall only use equipment with a DFS mechanism that is turned on when operating in these bands. The device must sense for radar signals at 100 percent of its emission bandwidth. The minimum DFS detection threshold for devices with a maximum e.i.r.p. of 200 mW to 1 W is -64 dBm. For devices that operate with less than 200 mW e.i.r.p. and a power spectral density of less than 10 dBm in a 1 MHz band, the minimum detection threshold is -62 dBm. The detection threshold is the received power averaged over 1 microsecond referenced to a 0 dBi antenna. For the initial channel setting, the manufacturers shall be permitted to provide for either random channel selection or manual channel selection.

- (i) Operational Modes. The DFS requirement applies to the following operational modes:
  - (a) The requirement for channel availability check time applies in the master operational mode.
  - (b) The requirement for channel move time applies in both the master and slave operational modes.
- (ii) Channel Availability Check Time. A U-NII device shall check if there is a radar system already operating on the channel before it can initiate a transmission on a channel and when it has to move to a new channel. The U-NII device may start using the channel if no radar signal with a power level greater than the interference threshold values listed in paragraph (h)(2) of this section, is detected within 60 seconds.
- (iii) Channel Move Time. After a radar's presence is detected, all transmissions shall cease on the operating channel within 10 seconds. Transmissions during this period shall consist of normal traffic for a maximum of 200 ms after detection of the radar signal. In addition, intermittent management and control signals can be sent during the remaining time to facilitate vacating the operating channel.

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Non-occupancy Period. A channel that has been flagged as containing a radar system, either by a channel availability check or in-service monitoring, is subject to a non-occupancy period of at least 30 minutes. The non-occupancy period starts at the time when the radar system is detected.

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## 5 APPLICABLE STANDARDS

**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

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Additional requirements for devices with multiple bandwidth mode	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
<p><b>Note:</b> 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 each of the bonded 20 MHz channels and the channel center frequency.</p>		

**Table 3: Interference Threshold values, Master or Client incorporating In-Service Monitoring**

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
<p><b>Note 1:</b> This is the level at the input of the receiver assuming a 0 dBi receive antenna.  <b>Note 2:</b> 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.  <b>Note 3:</b> EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.</p>	

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**Table 4: DFS Response requirement values**

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

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**Table 5: Radar Test Waveforms  
Short Pulse Radar**

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	$\text{Roundup} \left\{ \begin{array}{l} \left( \frac{1}{360} \right) \cdot \\ \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \end{array} \right\}$	60%	30
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
<b>Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.</b>					

**Long Pulse Radar**

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

**Frequency Hopping Radar**

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

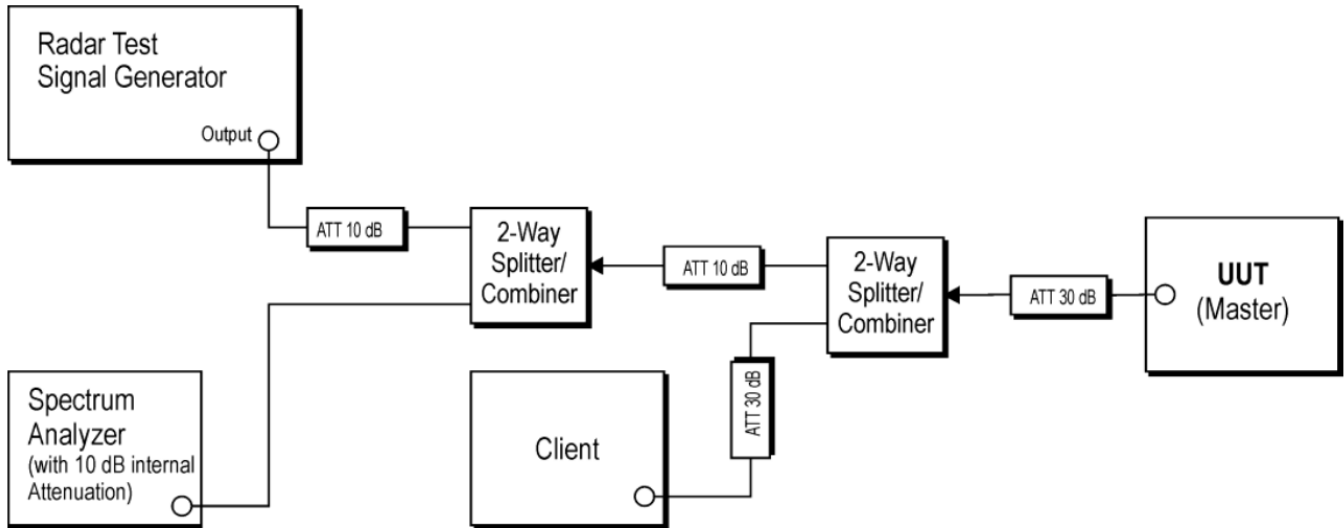
**The applicant of this given application confirms that information regarding the parameters of the detected Radar Waveforms is not available to the end user.**

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## 6 TEST SETUP

### Setup for Master with injection at the Master



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**7 TEST EQUIPMENT USED:**

Conducted Emission Test Site: Conducted A					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Signal Generator	Keysight	N5182B	MY59101143	02/22/2023	02/21/2024
Test Software	SGS Taiwan	Dynamic Frequency Selection Test	Ver. 22.01.24	N.C.R	N.C.R
EMI Test Receiver	Anritsu	N9038A	MY52260216	11/28/2022	11/27/2023
Attenuator	KEYSIGHT	11716C	8494B TH60075458+8496B TH60075263	11/16/2022	11/15/2023
Splitter	RF-LAMBDA	RFLT2W1G18G	18112200217	11/16/2022	11/15/2023
Splitter	RF-LAMBDA	RFLT2W1G18G	21032900017	11/16/2022	11/15/2023
Notebook	Lenovo	L430	P0000195	N/A	N/A
Client	Intel	AX211NGW	22.150.0.3	N/A	N/A
Notebook	Hp	HQ-TRE.71025	P0003870	N/A	N/A

**NOTE:** N.C.R refers to Not Calibrated Required.

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## 8 DESCRIPTION OF EUT:

EUT is a Master device with radar detection and DFS capability.

Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater.

The rated output power of the master unit is  $\geq 23$  dBm(EIRP).therefore the required interference threshold level is -64dBm.after correction for antenna gain and procedural adjustments, the required conducted threshold at the antenna port is -64dBm.

The rated output power of the master unit is  $< 23$  dBm(EIRP).therefore the required interference threshold level is -62dBm.after correction for antenna gain and procedural adjustments, the required threshold at the antenna port is -62dBm.

DFS Detection Threshold (dBm) = -64 + G (dBi), for conducted test.

DFS Detection Threshold (dBm)	Minimum of Peak Antenna Gain (dBi)	Threshold for test (dBm)
-64	-0.48	-64.48

While calibrate the path on antenna port of DFS test equipment (master), measurements equipments (spectrum) is ensured to be 50 Ohms, and therefore verification on antenna gain measurement can be ignored.

The EUT uses one transmitter/receiver chains and one receive only chain, each connected to an antenna to perform radiated tests.

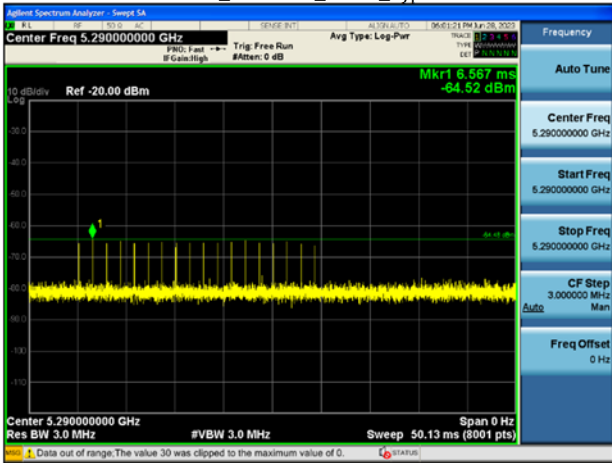
The Slave device associated with the EUT during these tests does not have radar detection capability.

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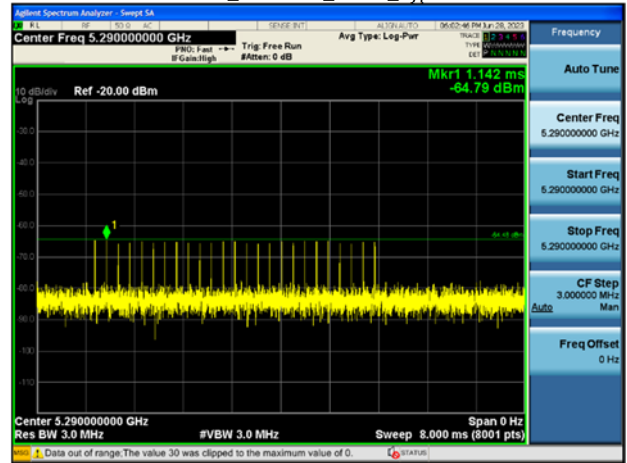
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## 9 RADAR TYPE WAVEFORM CALIBRATION AT DFS DETECTION THRESHOLD

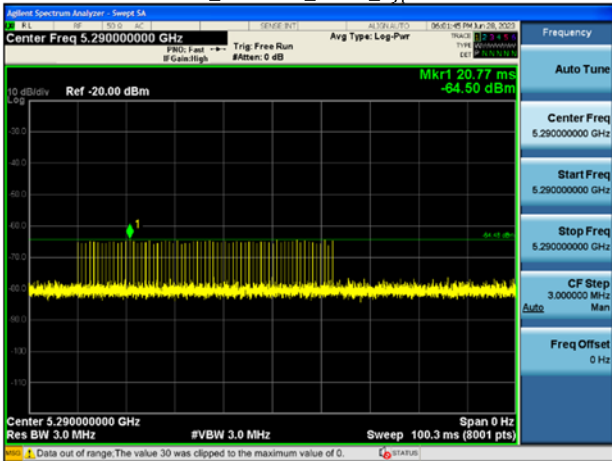
HE80\_5290MHz\_Radar\_Type 0



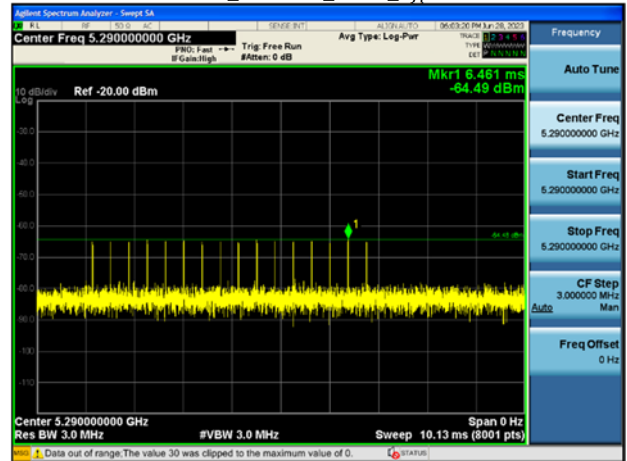
HE80\_5290MHz\_Radar\_Type 2



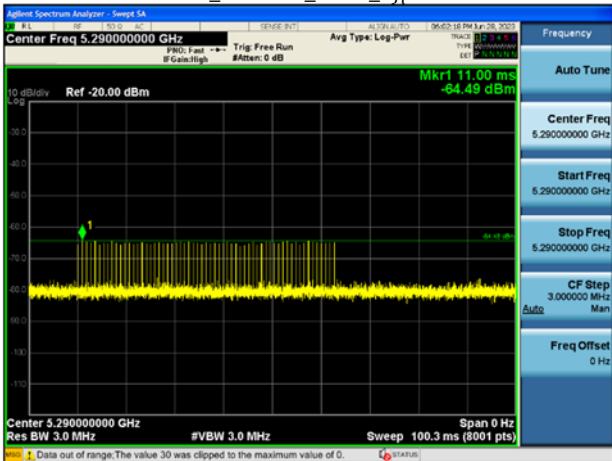
HE80\_5290MHz\_Radar\_Type 1-A



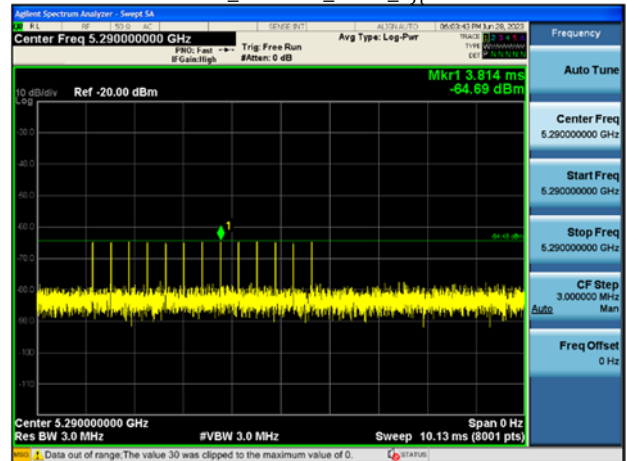
HE80\_5290MHz\_Radar\_Type 3



HE80\_5290MHz\_Radar\_Type 1-B



HE80\_5290MHz\_Radar\_Type 4



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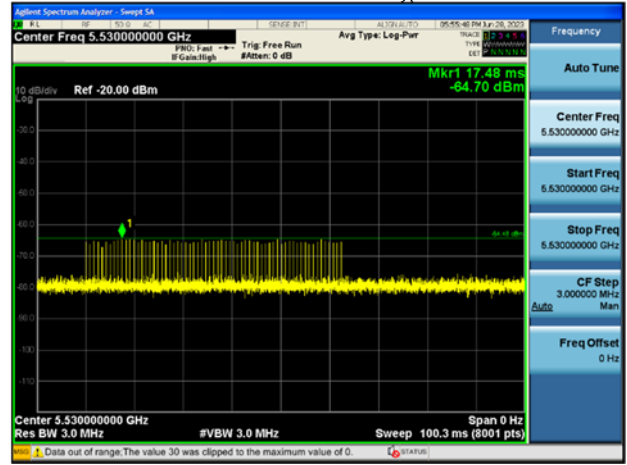
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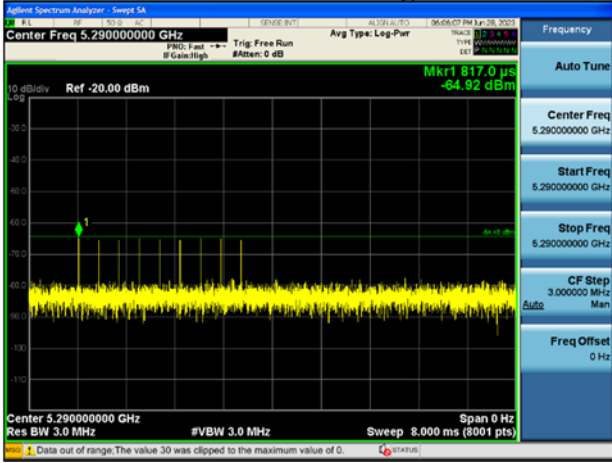
HE80\_5290MHz\_Radar\_Type 5



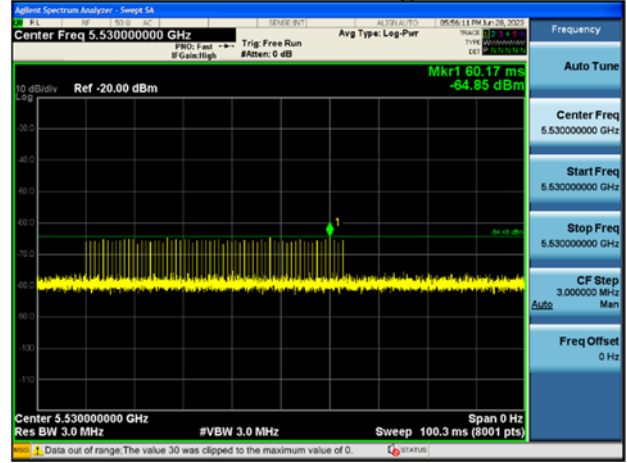
HE80\_5530MHz\_Radar\_Type 1-A



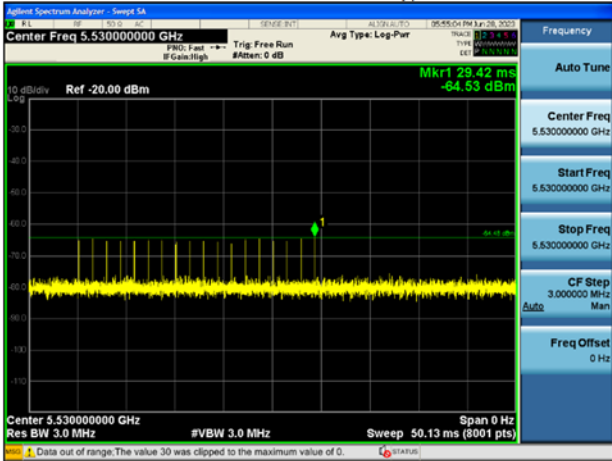
HE80\_5290MHz\_Radar\_Type 6



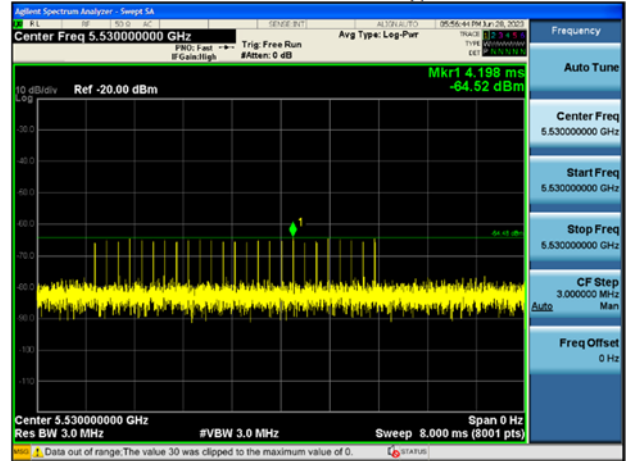
HE80\_5530MHz\_Radar\_Type 1-B



HE80\_5530MHz\_Radar\_Type 0



HE80\_5530MHz\_Radar\_Type 2

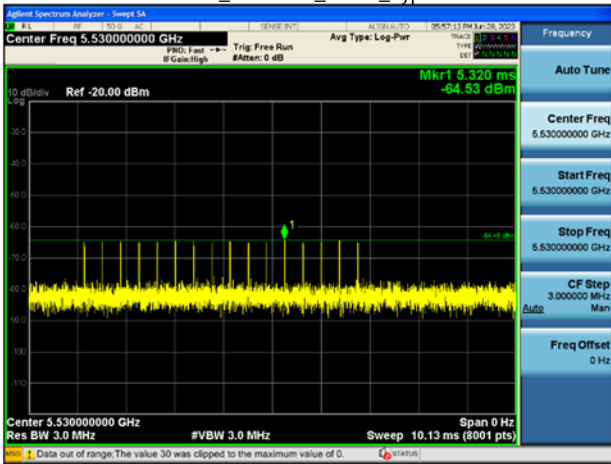


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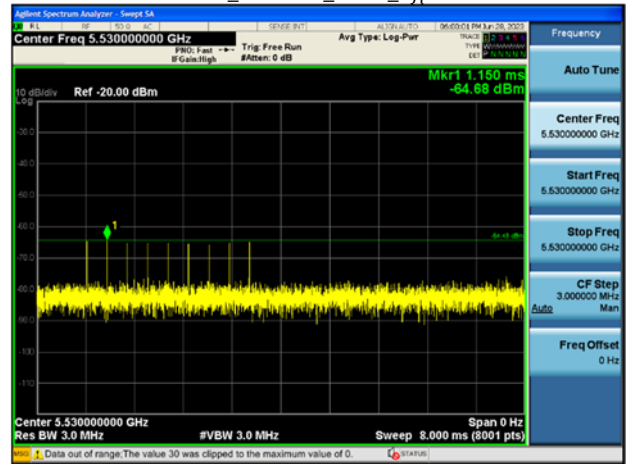
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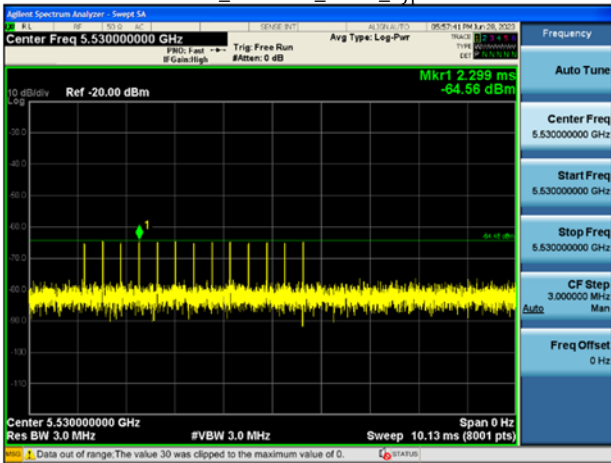
HE80\_5530MHz\_Radar\_Type 3



HE80\_5530MHz\_Radar\_Type 6



HE80\_5530MHz\_Radar\_Type 4



HE80\_5530MHz\_Radar\_Type 5



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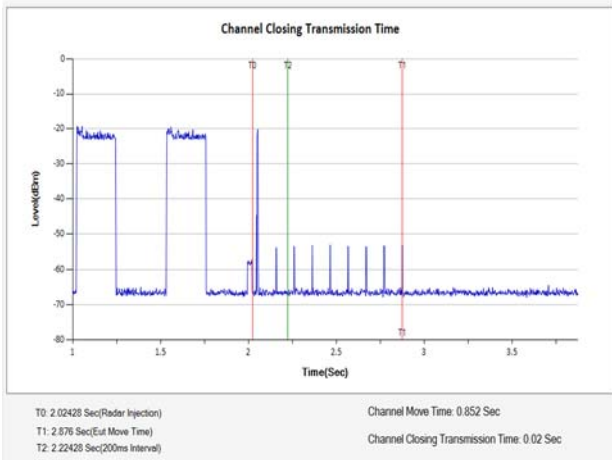
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### 10 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME MEASUREMENT (RADAR TYPE 0)

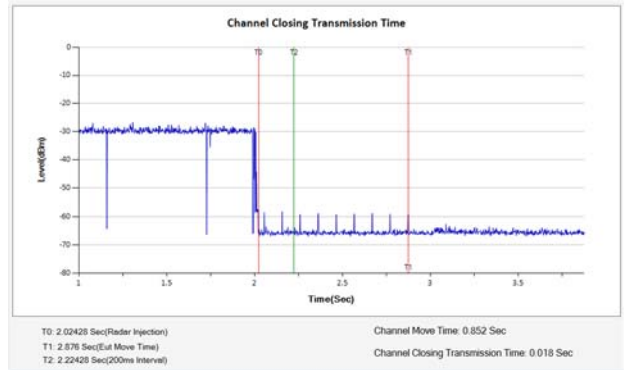
Channel Shutdown Result				
Detection Threshold Level (dBm)			-64.48	
Modulation Mode	Freq. (MHz)	Radar Test Signal	Channel Closing Transmission Time(ms) 200ms~10sec	Channel Move Time(s)
HE80	5290	Type 0	20	0.852
HE80	5530	Type 0	18	0.852
Limit			60	10
Result			ms sec	
			Complied	

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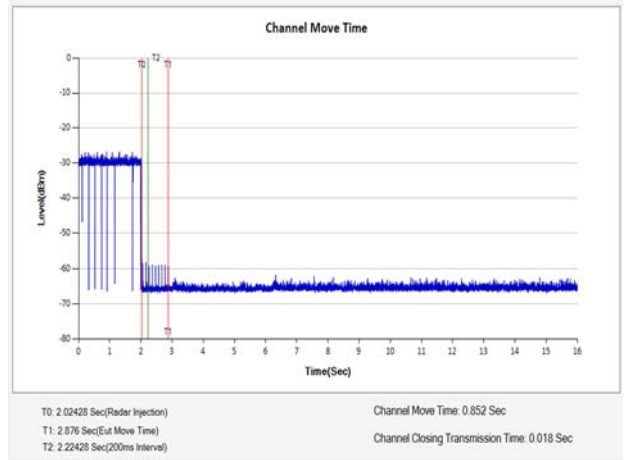
HE80\_5290MHz\_Channel Close Time



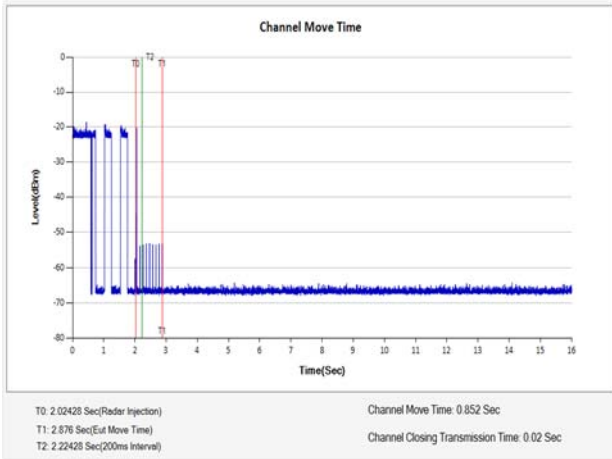
HE80\_5530MHz\_Channel Close Time



HE80\_5530MHz\_Channel Move Time



HE80\_5290MHz\_Channel Move Time



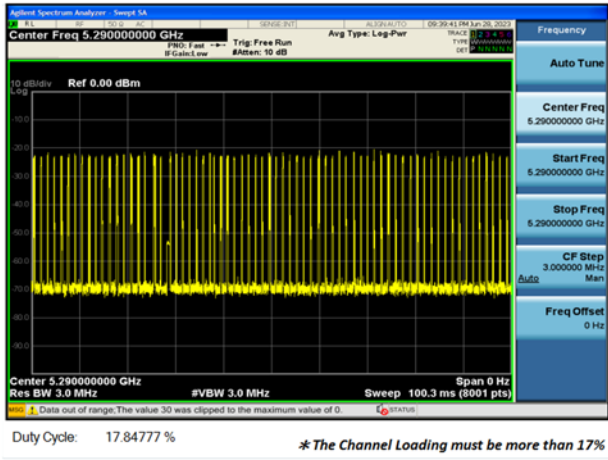
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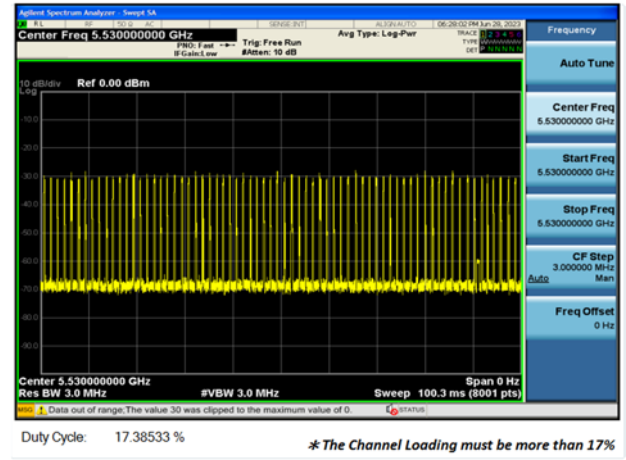
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HE80\_5290MHz



HE80\_5530MHz



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## 12 NON-OCCUPANCY PERIOD MEASUREMENT

To verify whether channel is unavailable to be operated in 30 minutes.  
 $1.8ks = 1800s = 1800 s/min /60 = 30minute$

HE80\_5290MHz



HE80\_5530MHz



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### 13 UNII DETECTION BANDWIDTH MEASUREMENT

#### 13.1 Test Result

HE80\_5290MHZ

EUT operating Frequency(MHz)	: 5290	EUT 99% Bandwidth(MHz)	: 76.386								
Radar Type	: Type 0	Detction BW(MHz)	: 80								
Test Result	: Pass	※ FH: 5330	FL: 5250								
Radio Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5250	1	1	1	1	1	1	1	1	1	1	100
5255	1	1	1	1	1	1	1	1	1	1	100
5260	1	1	1	1	1	1	1	1	1	1	100
5265	1	1	1	1	1	1	1	1	1	1	100
5270	1	1	1	1	1	1	1	1	1	1	100
5275	1	1	1	1	1	1	1	1	1	1	100
5280	1	1	1	1	1	1	1	1	1	1	100
5285	1	1	1	1	1	1	1	1	1	1	100
5290	1	1	1	1	1	1	1	1	1	1	100
5295	1	1	1	1	1	1	1	1	1	1	100
5300	1	1	1	1	1	1	1	1	1	1	100
5305	1	1	1	1	1	1	1	1	1	1	100
5310	1	1	1	1	1	1	1	1	1	1	100
5315	1	1	1	1	1	1	1	1	1	1	100
5320	1	1	1	1	1	1	1	1	1	1	100
5325	1	1	1	1	1	1	1	1	1	1	100
5330	1	1	1	1	1	1	1	1	1	1	100
5315	1	1	1	1	1	1	1	1	1	1	100
5320	1	1	1	1	1	1	1	1	1	1	100
5325	1	1	1	1	1	1	1	1	1	1	100
5330	1	1	1	1	1	1	1	1	1	1	100

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HE80\_5530MHz

EUT operating Frequency(MHz)	: 5530	EUT 99% Bandwidth(MHz)	: 76.557
Radar Type	: Type 0	Detction BW(MHz)	: 80
Test Result	: Pass	※ FH: 5570	FL: 5490

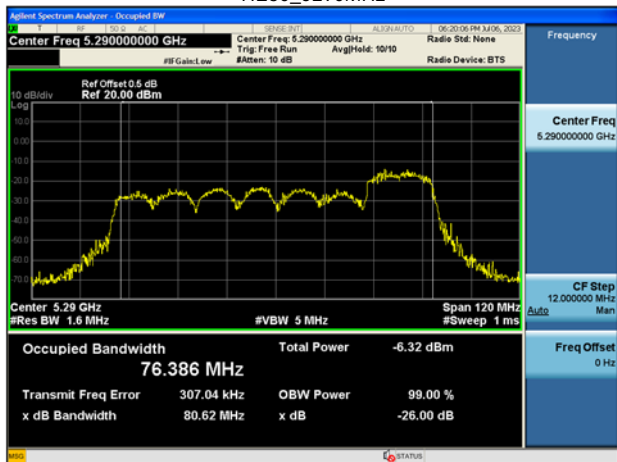
Radio Frequency	1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	1	1	1	1	1	1	1	1	1	1	100
5495	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
5505	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5525	1	1	1	1	1	1	1	1	1	1	100
5530	1	1	1	1	1	1	1	1	1	1	100
5535	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5550	1	1	1	1	1	1	1	1	1	1	100
5555	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	100
5565	1	1	1	1	1	1	1	1	1	1	100
5570	1	1	1	1	1	1	1	1	1	1	100

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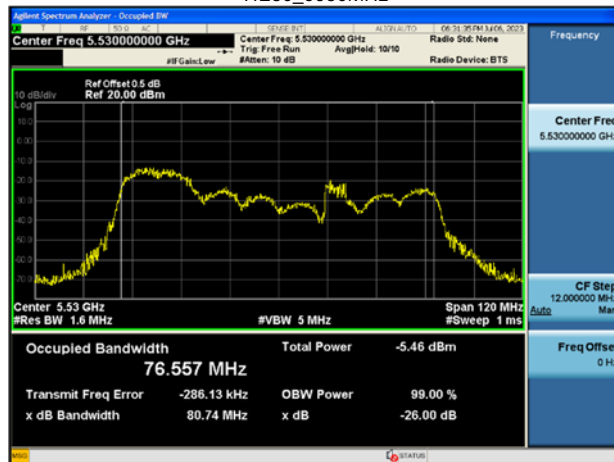
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HE80\_5290MHz



HE80\_5530MHz



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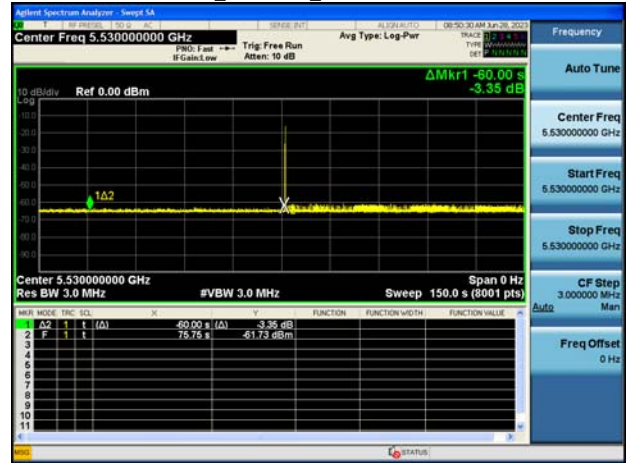
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# 14 CHANNEL AVAILABILITY CHECK MEASUREMENT

HE80\_5290MHz\_Radar Intial Time



HE80\_5530MHz\_Radar Intial Time



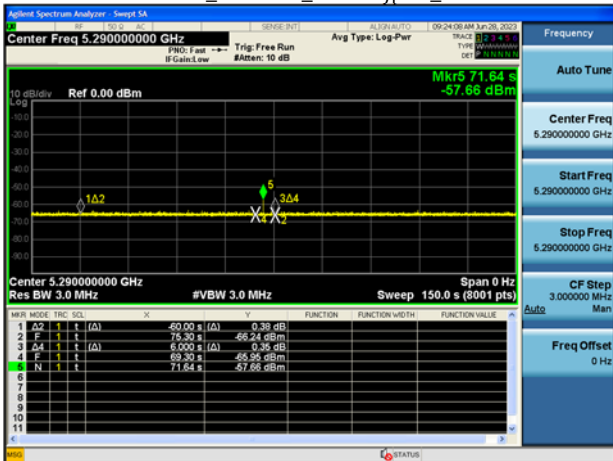
HE80\_5290MHz\_Radar Type 0\_01



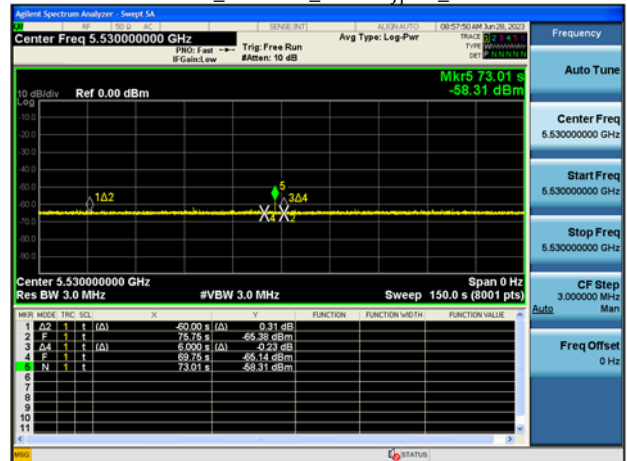
HE80\_5530MHz\_Radar Type 0\_01



HE80\_5290MHz\_Radar Type 0\_02



HE80\_5530MHz\_Radar Type 0\_02



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15 IN SERVICE MONITORING

HE80\_5290MHZ

Short Pulse Radar Type	Minimum Number of Trials	Detection(%)		Minimum Percentage of Successful Detection(%)	Pass/Fail
1	30	100		60	Pass
2	30	90		60	Pass
3	30	93.33		60	Pass
4	30	100		60	Pass
Aggregate (Radar Types 1-4)	120	95.8325		80	Pass
Long Pulse Radar Type	Minimum Number of Trials	Each Detection(%)	Total Detection(%)	Minimum Percentage of Successful Detection(%)	Pass/Fail
5	Center:10	80	90	80	Pass
	Low Edge:10	100			
	High Edge:10	90			
Frequency Hopping Radar Type	Minimum Number of Trials	Detection(%)		Minimum Percentage of Successful Detection(%)	Pass/Fail
6	30	100		70	Pass

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Radar Type1 for 5290MHz

Data Sheet for FCC Radar Type 1

Trial	VSG Frequency (MHz)	Pulse Repetition Frequency	Pulse Repetition Frequency	PRI	Test A/B	Successful Detection
		Number (1 to 23)	(Pulses Per Second)		(msec)	A/B
1	5290	5	1672.2	598	A	Yes
2	5290	16	1222.5	818	A	Yes
3	5290	2	1858.7	538	A	Yes
4	5290	13	1319.3	758	A	Yes
5	5290	4	1730.1	578	A	Yes
6	5290	15	1253.1	798	A	Yes
7	5290	11	1392.8	718	A	Yes
8	5290	20	1113.6	898	A	Yes
9	5290	3	1792.1	558	A	Yes
10	5290	10	1432.7	698	A	Yes
11	5290	19	1139	878	A	Yes
12	5290	23	326.2	3066	A	Yes
13	5290	7	1567.4	638	A	Yes
14	5290	18	1165.5	858	A	Yes
15	5290	9	1474.9	678	A	Yes
16	5290	-	373.4	2678	B	Yes
17	5290	-	537.6	1860	B	Yes
18	5290	-	375.4	2664	B	Yes
19	5290	-	1689.2	592	B	Yes
20	5290	-	480.5	2081	B	Yes
21	5290	-	549.5	1820	B	Yes
22	5290	-	720.5	1388	B	Yes
23	5290	-	718.4	1392	B	Yes
24	5290	-	1025.6	975	B	Yes
25	5290	-	1402.5	713	B	Yes
26	5290	-	517.9	1931	B	Yes
27	5290	-	607.2	1647	B	Yes
28	5290	-	670.2	1492	B	Yes
29	5290	-	465.8	2147	B	Yes
30	5290	-	362.2	2761	B	Yes

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## Radar Type2 for 5290MHz

## Data Sheet for FCC Radar Type 2

Trial	VSG Frequency (MHz)	Number Pulses per Burst (23-29)	Pulse Width (1-5)	PRI (150-230)	Successful Detection
			( $\mu$ s)	( $\mu$ s)	(Yes/No)
1	5290	24	2	151	No
2	5290	25	2.5	169	Yes
3	5290	27	3.5	220	Yes
4	5290	23	1.1	184	Yes
5	5290	25	2.2	199	Yes
6	5290	29	4.8	160	Yes
7	5290	23	1	200	Yes
8	5290	25	2.3	197	Yes
9	5290	24	1.9	212	Yes
10	5290	27	3.6	174	Yes
11	5290	25	2.3	214	Yes
12	5290	26	3.1	186	Yes
13	5290	23	1.3	164	Yes
14	5290	25	2.6	172	Yes
15	5290	24	2.1	196	Yes
16	5290	23	1.4	203	Yes
17	5290	29	4.9	188	No
18	5290	24	1.9	168	Yes
19	5290	26	2.9	195	Yes
20	5290	25	2.2	225	Yes
21	5290	23	1.5	162	Yes
22	5290	23	1	165	Yes
23	5290	28	4.4	190	Yes
24	5290	26	2.8	177	No
25	5290	29	4.7	153	Yes
26	5290	29	4.9	204	Yes
27	5290	28	4.4	152	Yes
28	5290	26	3.2	178	Yes
29	5290	28	4.4	208	Yes
30	5290	26	2.8	216	Yes

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## Radar Type3 for 5290MHz

## Data Sheet for FCC Radar Type 3

Trial	VSG Frequency (MHz)	Number Pulses per Burst (16-18)	Pulse Width (6-10)	PRI (200-500)	Successful Detection
			( $\mu s$ )	( $\mu s$ )	(Yes/No)
1	5290	16	7	480	Yes
2	5290	17	7.5	260	Yes
3	5290	17	8.5	292	Yes
4	5290	16	6.1	497	Yes
5	5290	16	7.2	456	Yes
6	5290	18	9.8	345	Yes
7	5290	16	6	404	Yes
8	5290	17	7.3	379	Yes
9	5290	16	6.9	447	No
10	5290	17	8.6	470	Yes
11	5290	16	7.3	475	Yes
12	5290	17	8.1	293	No
13	5290	16	6.3	483	Yes
14	5290	17	7.6	239	Yes
15	5290	16	7.1	339	Yes
16	5290	16	6.4	271	Yes
17	5290	18	9.9	265	Yes
18	5290	16	6.9	298	Yes
19	5290	17	7.9	243	Yes
20	5290	16	7.2	473	Yes
21	5290	16	6.5	207	Yes
22	5290	16	6	370	Yes
23	5290	18	9.4	273	Yes
24	5290	17	7.8	313	Yes
25	5290	18	9.7	261	Yes
26	5290	18	9.9	421	Yes
27	5290	18	9.4	412	Yes
28	5290	17	8.2	340	Yes
29	5290	18	9.4	227	Yes
30	5290	17	7.8	308	Yes

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Radar Type4 for 5290MHz

Data Sheet for FCC Radar Type 4

Trial	VSG Frequency (MHz)	Number Pulses per Burst (12-16)	Pulse Width (11-20)	PRI (200-500)	Successful Detection
			( $\mu$ s)	( $\mu$ s)	(Yes/No)
1	5290	13	13.3	480	Yes
2	5290	13	14.3	260	Yes
3	5290	15	16.6	292	Yes
4	5290	12	11.3	497	Yes
5	5290	13	13.8	456	Yes
6	5290	16	19.6	345	Yes
7	5290	12	11	404	Yes
8	5290	13	14.1	379	Yes
9	5290	13	13.1	447	Yes
10	5290	15	16.8	470	Yes
11	5290	13	13.9	475	Yes
12	5290	14	15.8	293	Yes
13	5290	12	11.7	483	Yes
14	5290	14	14.6	239	Yes
15	5290	13	13.5	339	Yes
16	5290	12	11.9	271	Yes
17	5290	16	19.7	265	Yes
18	5290	13	13.1	298	Yes
19	5290	14	15.3	243	Yes
20	5290	13	13.7	473	Yes
21	5290	12	12.1	207	Yes
22	5290	12	11.1	370	Yes
23	5290	16	18.7	273	Yes
24	5290	14	15	313	Yes
25	5290	16	19.3	261	Yes
26	5290	16	19.6	421	Yes
27	5290	16	18.5	412	Yes
28	5290	14	16	340	Yes
29	5290	16	18.6	227	Yes
30	5290	14	15	308	Yes

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Radar Type5\_Trial1 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		1		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			11		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	63	9			547116
2	2	68.5	9	1739.5		809884
3	2	81.2	9	928.8		1074731
4	1	51.7	9			250394
5	1	65.4	9			514772
6	3	97.5	9	1303.5	1878.5	776318
7	1	50	9			1042544
8	2	67	9	1510		217466
9	1	61.6	9			482104
10	2	82	9	1819		745192
11	1	66.1	9			1010527
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Radar Type5\_Trial2 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		2		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			12		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	76.5	10	1828.5		169546
2	1	54.3	10			412083
3	2	70.2	10	1355.8		653433
4	1	64.2	10			896506
5	1	55.1	10			139951
6	3	98	10	1208	1323	381263
7	1	61.6	10			624320
8	2	73.9	10	1703.1		865130
9	1	65.3	10			110169
10	1	56.4	10			352320
11	1	50.8	10			594411
12	3	92.4	10	1231.6	1404.6	834342
13						
14						
15						
16						
17						
18						
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20						

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Radar Type5\_Trial3 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		3		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			16		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72.1	14	1817.9		60099
2	3	95.8	14	982.2	1032.2	241129
3	3	97.7	14	1371.3	1005.3	421556
4	3	91.6	14	1192.4	1154.4	602599
5	2	77.7	14	1647.3		37764
6	3	92.3	14	1572.7	1216.7	218585
7	2	72.5	14	1899.5		400069
8	1	52.3	14			582770
9	3	95.2	14	1512.8	1421.8	15436
10	2	76.8	14	1882.2		196404
11	3	89.3	14	1447.7	1762.7	376657
12	2	73.3	14	1612.7		558869
13	2	76.6	14	1655.4		740220
14	3	95.5	14	1538.5	1013.5	173979
15	3	99.5	14	1416.5	1282.5	354668
16	1	53.3	14			537875
17						
18						
19						
20						

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Radar Type5\_Trial4 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		4		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			8		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	70.2	5	1226.8		1439017
2	3	98.9	5	969.1	961.1	304510
3	2	82.8	5	1850.2		667663
4	3	88.9	5	1145.1	1033.1	1029958
5	2	78.7	5	1432.3		1394069
6	1	64.4	5			260083
7	3	89.8	5	1840.2	1645.2	622120
8	3	89.6	5	1078.4	1503.4	985288
9						
10						
11						
12						
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16						
17						
18						
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Radar Type5\_Trial5 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		5		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			12		Successful Detection: No	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	65.9	9			899539
2	1	63.5	9			143493
3	1	53.9	9			385577
4	1	63.5	9			627660
5	1	53.5	9			870411
6	3	86.3	9	1250.7	1782.7	113367
7	3	97	9	1305	1083	354956
8	2	69.9	9	1594.1		597278
9	1	62.1	9			839861
10	2	76.1	9	1463.9		83754
11	1	59.1	9			325883
12	1	55.9	9			567967
13						
14						
15						
16						
17						
18						
19						
20						

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Radar Type5\_Trial6 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		6		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			20		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	67.8	20	1392.2		484823
2	1	55.9	20			32403
3	2	72.3	20	1694.7		177065
4	2	74.8	20	1862.2		321415
5	3	89.2	20	1320.8	1130.8	466161
6	2	79.6	20	1703.4		14468
7	2	70.9	20	1899.1		159020
8	3	99.7	20	1520.3	1551.3	303006
9	1	65	20			449657
10	3	96.9	20	1271.1	1668.1	592441
11	3	87.6	20	1877.4	966.4	141022
12	1	59.6	20			287016
13	3	98.5	20	1505.5	1622.5	430018
14	1	58.2	20			576799
15	1	53.6	20			123915
16	1	66.5	20			269080
17	2	73.7	20	1895.3		412886
18	1	62	20			559019
19	1	63.7	20			106045
20	1	57.7	20			251008

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Radar Type5\_Trial7 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		7		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			8		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	56	5			992593
2	1	58	5			1355642
3	2	75.6	5	1711.4		220355
4	1	64.2	5			584108
5	3	88.3	5	1053.7	1593.7	946066
6	1	59	5			1311341
7	3	98.8	5	1549.2	1259.2	175617
8	1	58.9	5			539295
9						
10						
11						
12						
13						
14						
15						
16						
17						
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Radar Type5\_Trial8 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		8		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			12		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	79.8	10	1724.2		600616
2	2	69.3	10	1006.7		842500
3	1	61.2	10			87385
4	1	50.5	10			329397
5	3	86.4	10	990.6	1864.6	569972
6	3	93.6	10	1643.4	1701.4	810942
7	3	85.6	10	1212.4	1808.4	57380
8	1	64.3	10			299844
9	2	76.5	10	1907.5		540904
10	1	57.9	10			784136
11	3	99.7	10	1299.3	1339.3	27645
12	3	99.1	10	962.9	1615.9	269205
13						
14						
15						
16						
17						
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Radar Type5\_Trial9 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		9		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			11		Successful Detection: No	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	93.5	8	929.5	1727.5	557466
2	3	90.1	8	1252.9	1185.9	820873
3	2	74.6	8	967.4		1086260
4	2	69.1	8	1044.9		261754
5	2	76	8	1698		525100
6	3	94.3	8	980.7	1743.7	788308
7	1	65	8			1054412
8	3	95.3	8	1111.7	997.7	228796
9	2	82.6	8	1916.4		492623
10	2	80.5	8	1295.5		756709
11	3	96.3	8	1399.7	1161.7	1019573
12						
13						
14						
15						
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Radar Type5 Trial10 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		10		VSG Frequency(MHz):		5290
Number of Bursts in Trial:			16		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	50.1	15			135328
2	1	62.4	15			316921
3	1	51.3	15			498292
4	3	100	15	1866	1233	676623
5	1	59.7	15			112895
6	2	80.3	15	1438.7		293869
7	1	58	15			475758
8	3	86.5	15	1143.5	944.5	655204
9	2	80.2	15	1382.8		90316
10	2	80.8	15	1735.2		271474
11	1	61.9	15			453690
12	2	69.9	15	1438.1		634099
13	3	95.7	15	1728.3	1122.3	67903
14	3	85.7	15	1479.3	1242.3	248632
15	3	87	15	1871	1557	429388
16	2	73.3	15	1426.7		611188
17						
18						
19						
20						

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Radar Type5 Trial11 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		11		VSG Frequency(MHz):		5294
Number of Bursts in Trial:			12		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	54.9	10			61073
2	2	72.7	10	1685.3		302598
3	3	89.4	10	1185.6	1376.6	544152
4	3	90	10	1458	912	785806
5	1	65.8	10			31261
6	1	62.3	10			273307
7	1	64.6	10			515771
8	1	64.2	10			757953
9	1	65.9	10			1434
10	3	83.5	10	1613.5	1256.5	242834
11	1	56.5	10			485573
12	3	88.3	10	1492.7	1833.7	725245
13						
14						
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Radar Type5 Trial12 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		12		VSG Frequency(MHz):		5295.2
Number of Bursts in Trial:			14		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	94.1	13	1020.9	1649.9	828603
2	3	94	13	1173	1180	182667
3	1	53.4	13			390823
4	2	76.4	13	1139.6		597189
5	3	99.3	13	1512.7	1019.7	803019
6	2	73.1	13	1531.9		157255
7	1	61.1	13			365226
8	3	88.2	13	1076.8	1000.8	571078
9	3	85	13	950	1142	778579
10	3	93.6	13	1036.4	1549.4	131685
11	2	75.8	13	1774.2		338945
12	3	84	13	1721	1450	544822
13	2	68.4	13	1763.6		753166
14	2	71.4	13	1131.6		106356
15						
16						
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Radar Type5 Trial13 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		13		VSG Frequency(MHz):		5292.4
Number of Bursts in Trial:			9		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	69.5	6	1326.5		488221
2	2	68.2	6	1914.8		810424
3	2	81.5	6	987.5		1133906
4	2	70.2	6	1303.8		125895
5	2	78.9	6	1134.1		448609
6	3	83.4	6	1542.6	1814.6	770182
7	3	89	6	1089	1822	1092855
8	2	71	6	970		86119
9	1	60	6			409098
10						
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Radar Type5 Trial14 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		14		VSG Frequency(MHz):		5294.4
Number of Bursts in Trial:			13		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72.6	11	1791.4		505879
2	3	93.2	11	1681.8	1741.8	727468
3	3	90.6	11	1008.4	931.4	32042
4	2	80.5	11	1441.5		255248
5	3	87.8	11	1156.2	1541.2	477748
6	3	97.8	11	1896.2	1379.2	699913
7	3	87.2	11	1591.8	1268.8	4570
8	3	84.1	11	1646.9	1074.9	227397
9	2	76.3	11	1145.7		450859
10	2	73.8	11	1388.2		673953
11	2	69.8	11	1741.2		896808
12	3	92.5	11	1540.5	957.5	200010
13	3	86.2	11	934.8	1668.8	423002
14						
15						
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Radar Type5 Trial15 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		15		VSG Frequency(MHz):		5293.6
Number of Bursts in Trial:			11		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	77.3	9	1365.7		764507
2	3	85.5	9	930.5	1914.5	1026463
3	2	70.6	9	1606.4		204272
4	2	72.6	9	1180.4		468403
5	2	74.6	9	1915.4		731388
6	3	98.9	9	1605.1	1531.1	994550
7	3	88.3	9	1689.7	1017.7	171579
8	1	61.4	9			436246
9	3	96.9	9	1138.1	1345.1	699000
10	1	55.4	9			964595
11	2	71.5	9	1512.5		139207
12						
13						
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Radar Type5 Trial16 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		16		VSG Frequency(MHz):		5292.4
Number of Bursts in Trial:			9		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	94.4	6	1533.6	1250.6	492232
2	3	92.8	6	1532.2	1501.2	814314
3	3	96.4	6	1093.6	1223.6	1136998
4	2	82.7	6	1558.3		130564
5	3	95.8	6	1176.2	1745.2	452528
6	1	54.5	6			776429
7	2	73.1	6	1912.9		1098089
8	3	99.4	6	1067.6	1542.6	90715
9	2	73	6	1803		413433
10						
11						
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Radar Type5 Trial17 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		17		VSG Frequency(MHz):		5298
Number of Bursts in Trial:			20		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	84	20	981	1021	330156
2	2	80.9	20	1660.1		474595
3	2	83.3	20	1349.7		22926
4	1	58.7	20			168177
5	3	92.7	20	1314.3	1313.3	311945
6	2	73.3	20	933.7		457601
7	3	90.4	20	1367.6	1889.6	5060
8	3	97.9	20	1448.1	1041.1	149696
9	1	59.5	20			295360
10	3	99.6	20	1898.4	1185.4	437809
11	1	60.1	20			586068
12	3	98.7	20	1754.3	1063.3	131732
13	2	79	20	1146		276847
14	3	83.4	20	1790.6	1836.6	419894
15	3	90.9	20	1610.1	1672.1	564556
16	3	96	20	1445	1551	113901
17	3	99.6	20	1367.4	1210.4	258222
18	1	56.3	20			404749
19	1	58.8	20			549571
20	3	90.1	20	1723.9	1050.9	96145

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Radar Type5 Trial18 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		18		VSG Frequency(MHz):		5293.2
Number of Bursts in Trial:			11		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	82.8	8	1593.2		439352
2	3	98.7	8	1723.3	1869.3	701769
3	2	75.7	8	1590.3		966712
4	3	87.7	8	1400.3	1696.3	142905
5	2	69	8	1495		407058
6	3	86.1	8	1385.9	931.9	670396
7	3	95	8	1485	1074	933653
8	1	51.4	8			110807
9	1	54.4	8			374973
10	3	88.3	8	1021.7	1086.7	637820
11	2	71.7	8	1109.3		902032
12						
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Radar Type5 Trial19 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		19		VSG Frequency(MHz):		5294.8
Number of Bursts in Trial:			14		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	50.7	12			61447
2	2	70.5	12	1627.5		268475
3	2	69.4	12	1722.6		475296
4	1	52.1	12			684076
5	3	96.5	12	1482.5	1792.5	35721
6	1	52.2	12			243509
7	1	61.8	12			451070
8	2	80	12	1415		656965
9	1	51.2	12			10304
10	1	58.5	12			217915
11	3	90.4	12	1643.6	1177.6	424006
12	1	51.8	12			633126
13	3	97.4	12	1229.6	1565.6	837093
14	3	95.3	12	1812.7	1618.7	191356
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Radar Type5 Trial20 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		20		VSG Frequency(MHz):		5293.6
Number of Bursts in Trial:			11		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72.9	9	1382.1		508123
2	1	65.3	9			773405
3	1	59.4	9			1037862
4	1	55.4	9			212248
5	3	86.8	9	1707.2	1437.2	475069
6	3	96.2	9	1208.8	1146.8	738945
7	3	98.3	9	1572.7	1865.7	1001791
8	1	64.2	9			179675
9	1	59.2	9			443751
10	3	90.3	9	1441.7	926.7	706246
11	3	85.3	9	1574.7	1594.7	969720
12						
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Radar Type5 Trial21 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		21		VSG Frequency(MHz):		5287.2
Number of Bursts in Trial:			9		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	55.2	7			179939
2	3	95.6	7	1379.4	1416.4	501977
3	3	89.8	7	1339.2	1816.2	823882
4	1	56.5	7			1149144
5	2	78.4	7	1624.6		139946
6	3	89	7	1818	1728	461987
7	3	93.5	7	1001.5	1894.5	784366
8	2	71.2	7	1231.8		1108027
9	2	77.8	7	1238.2		100223
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Radar Type5 Trial22 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		22		VSG Frequency(MHz):		5288
Number of Bursts in Trial:			8		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	59.4	5			476226
2	2	78.1	5	1052.9		838980
3	1	59.5	5			1203455
4	2	81.2	5	1182.8		68054
5	3	94.5	5	1269.5	1397.5	430668
6	3	93.8	5	1298.2	951.2	793857
7	3	87.7	5	1366.3	1073.3	1156502
8	2	76.4	5	1282.6		23331
9						
10						
11						
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Radar Type5 Trial23 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		23		VSG Frequency(MHz):		5282.8
Number of Bursts in Trial:			19		Successful Detection: No	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	57.5	18			162625
2	2	81.6	18	1005.4		314791
3	3	92.4	18	1467.6	1148.6	466333
4	3	96.8	18	1762.2	1816.2	617318
5	2	78.3	18	1807.7		143267
6	3	92.5	18	1254.5	1042.5	295390
7	3	96.2	18	1222.8	1085.8	447612
8	2	70.7	18	1236.3		601014
9	3	85.6	18	1856.4	1510.4	124334
10	3	96	18	1588	1799	276292
11	2	67.6	18	1018.4		429782
12	3	92.2	18	1513.8	1393.8	580750
13	2	73.5	18	1539.5		105842
14	3	86.5	18	1768.5	1037.5	257878
15	1	61.3	18			411647
16	2	79.2	18	1275.8		562965
17	2	66.8	18	1650.2		87167
18	3	91.3	18	1869.7	1411.7	238690
19	1	56.6	18			393096
20						

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Radar Type5 Trial24 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		24		VSG Frequency(MHz):		5285.2
Number of Bursts in Trial:			13		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72.1	12	1824.9		796692
2	2	73.4	12	1699.6		99997
3	2	72.9	12	975.1		323365
4	2	69.6	12	1878.4		546064
5	3	97	12	1264	1114	768225
6	2	80.7	12	1863.3		72555
7	2	69.6	12	1755.4		295575
8	3	85.9	12	1841.1	1893.1	517465
9	3	94.8	12	1508.2	1742.2	740402
10	1	55.8	12			45145
11	2	78.2	12	1712.8		268143
12	1	61	12			491910
13	3	93	12	1634	1225	712989
14						
15						
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Radar Type5 Trial25 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		25		VSG Frequency(MHz):		5282.4
Number of Bursts in Trial:			19		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	58.5	19			12048
2	2	71.8	19	1068.2		164691
3	1	56.6	19			317446
4	2	77.7	19	1529.3		469582
5	3	98	19	1158	1264	620682
6	3	88.6	19	919.4	985.4	145479
7	2	76.9	19	1175.1		298273
8	1	53.1	19			451684
9	3	93.6	19	1598.4	1416.4	601095
10	3	85.8	19	1484.2	1610.2	126613
11	3	92.8	19	1392.2	1099.2	278636
12	3	93	19	1222	1282	431006
13	2	75.8	19	1210.2		584184
14	2	79.1	19	1769.9		108144
15	1	54.2	19			261327
16	2	72.9	19	936.1		413162
17	2	66.8	19	1532.2		565482
18	2	80.4	19	1502.6		89385
19	1	64.3	19			242495
20						

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Radar Type5 Trial26 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		26		VSG Frequency(MHz):		5282
Number of Bursts in Trial:			20		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	53.2	20			375578
2	3	87.1	20	1072.9	1894.9	518120
3	1	65.6	20			67169
4	1	52.9	20			212503
5	3	84.7	20	1238.3	1327.3	356089
6	1	61.9	20			502761
7	3	95.5	20	1563.5	943.5	49076
8	1	66	20			194378
9	1	58.7	20			339492
10	1	56.5	20			484688
11	1	51.4	20			31430
12	1	64.9	20			176580
13	1	57.3	20			321724
14	3	84.9	20	1669.1	1101.1	464232
15	2	74.7	20	1675.3		13512
16	3	83.6	20	1492.4	1386.4	157823
17	1	51.6	20			304049
18	2	79.8	20	1158.2		448262
19	3	83.6	20	1842.4	1516.4	590730
20	2	81.3	20	1178.7		140480

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Radar Type5 Trial27 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		27		VSG Frequency(MHz):		5282.8
Number of Bursts in Trial:			18		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	78.3	18	1217.7		317420
2	1	64.4	18			479183
3	1	53.5	18			640692
4	2	78.5	18	1326.5		136408
5	3	87.7	18	1110.3	1602.3	296498
6	2	80.1	18	1121.9		458335
7	2	76.6	18	1468.4		619127
8	2	71.1	18	1077.9		116618
9	1	51.5	18			277995
10	1	65.3	18			439735
11	1	63	18			600944
12	2	77.9	18	1724.1		96628
13	2	75.4	18	1194.6		257841
14	1	63.8	18			419502
15	1	57.8	18			580860
16	1	55.8	18			76985
17	3	92.9	18	1237.1	1050.1	237611
18	2	68.9	18	1044.1		398883
19						
20						

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Radar Type5 Trial28 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		28		VSG Frequency(MHz):		5284.8
Number of Bursts in Trial:			15		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72	13	1704		671598
2	1	65.7	13			68604
3	1	52.5	13			262348
4	2	72.5	13	1769.5		454797
5	2	68.1	13	1871.9		647764
6	3	96.7	13	1675.3	1605.3	44581
7	3	92.2	13	1325.8	990.8	237652
8	2	70.8	13	1340.2		431398
9	3	85.5	13	1093.5	1444.5	623691
10	1	58.1	13			20917
11	1	51.1	13			214554
12	3	95.5	13	1447.5	1377.5	406902
13	1	52.5	13			602013
14	3	93.1	13	1750.9	1794.9	792014
15	2	83.3	13	1034.7		190445
16						
17						
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Radar Type5 Trial29 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		29		VSG Frequency(MHz):		5282.8
Number of Bursts in Trial:			18		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	99.2	18	1552.8	1871.8	318533
2	3	86.1	18	1322.9	1563.9	479389
3	3	88.9	18	1830.1	1466.1	639681
4	3	83.6	18	1266.4	1729.4	138256
5	3	87.1	18	1502.9	1100.9	298961
6	1	65.3	18			461840
7	1	54.5	18			623392
8	3	85.4	18	1622.6	1452.6	118634
9	2	74.3	18	1547.7		279705
10	1	64.5	18			441498
11	3	93.4	18	1099.6	1752.6	599951
12	3	93.5	18	1646.5	1419.5	98828
13	2	73.5	18	1688.5		259805
14	3	89.5	18	1525.5	943.5	420061
15	3	93.5	18	1564.5	1427.5	580484
16	2	77.1	18	1648.9		79143
17	2	68.8	18	1084.2		240171
18	3	90.7	18	1390.3	1047.3	400250
19						
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Radar Type5 Trial30 for 5290MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		30		VSG Frequency(MHz):		5285.2
Number of Bursts in Trial:			13		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	82.8	12	1674.2		778757
2	1	57.8	12			82422
3	2	67.9	12	1312.1		305651
4	2	78.7	12	1852.3		528376
5	1	55.7	12			753383
6	3	96.3	12	1140.7	1655.7	54759
7	1	56.8	12			278494
8	3	86.3	12	919.7	1773.7	500553
9	2	66.8	12	1816.2		723702
10	3	94.7	12	1321.3	1756.3	27305
11	2	68.5	12	1362.5		250449
12	2	70	12	1800		473621
13	1	56.1	12			697800
14						
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Radar Type6 for 5290MHz

Data Sheet for FCC Radar Type 6

Trial	Pulse Width	PRI	Pulses per Hop	Hopping Rate	Hopping Sequence Length	Successful Detection
	( $\mu$ sec)	( $\mu$ sec)		(kHz)	(msec)	(Yes/No)
1	1	333	9	0.333	300	Yes
2	1	333	9	0.333	300	Yes
3	1	333	9	0.333	300	Yes
4	1	333	9	0.333	300	Yes
5	1	333	9	0.333	300	Yes
6	1	333	9	0.333	300	Yes
7	1	333	9	0.333	300	Yes
8	1	333	9	0.333	300	Yes
9	1	333	9	0.333	300	Yes
10	1	333	9	0.333	300	Yes
11	1	333	9	0.333	300	Yes
12	1	333	9	0.333	300	Yes
13	1	333	9	0.333	300	Yes
14	1	333	9	0.333	300	Yes
15	1	333	9	0.333	300	Yes
16	1	333	9	0.333	300	Yes
17	1	333	9	0.333	300	Yes
18	1	333	9	0.333	300	Yes
19	1	333	9	0.333	300	Yes
20	1	333	9	0.333	300	Yes
21	1	333	9	0.333	300	Yes
22	1	333	9	0.333	300	Yes
23	1	333	9	0.333	300	Yes
24	1	333	9	0.333	300	Yes
25	1	333	9	0.333	300	Yes
26	1	333	9	0.333	300	Yes
27	1	333	9	0.333	300	Yes
28	1	333	9	0.333	300	Yes
29	1	333	9	0.333	300	Yes
30	1	333	9	0.333	300	Yes

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HE80\_5530MHZ

Short Pulse Radar Type	Minimum Number of Trials	Detection(%)		Minimum Percentage of Successful Detection(%)	Pass/Fail
1	30	90		60	Pass
2	30	100		60	Pass
3	30	100		60	Pass
4	30	100		60	Pass
Aggregate (Radar Types 1-4)	120	97.5		80	Pass
Long Pulse Radar Type	Minimum Number of Trials	Each Detection(%)	Total Detection(%)	Minimum Percentage of Successful Detection(%)	Pass/Fail
5	Center:10	100	86.66666667	80	Pass
	Low Edge:10	60			
	High Edge:10	100			
Frequency Hopping Radar Type	Minimum Number of Trials	Detection(%)		Minimum Percentage of Successful Detection(%)	Pass/Fail
6	30	100		70	Pass

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Radar Type1 for 5530MHz

Data Sheet for FCC Radar Type 1

Trial	VSG Frequency (MHz)	Pulse Repetition Frequency	Pulse Repetition Frequency	PRI	Test A/B	Successful Detection
		Number (1 to 23)	(Pulses Per Second)		(msec)	A/B
1	5530	5	1672.2	598	A	Yes
2	5530	16	1222.5	818	A	Yes
3	5530	2	1858.7	538	A	Yes
4	5530	13	1319.3	758	A	Yes
5	5530	4	1730.1	578	A	Yes
6	5530	15	1253.1	798	A	Yes
7	5530	11	1392.8	718	A	No
8	5530	20	1113.6	898	A	Yes
9	5530	3	1792.1	558	A	Yes
10	5530	10	1432.7	698	A	Yes
11	5530	19	1139	878	A	Yes
12	5530	23	326.2	3066	A	Yes
13	5530	7	1567.4	638	A	Yes
14	5530	18	1165.5	858	A	Yes
15	5530	9	1474.9	678	A	Yes
16	5530	-	373.4	2678	B	Yes
17	5530	-	537.6	1860	B	Yes
18	5530	-	375.4	2664	B	Yes
19	5530	-	1689.2	592	B	Yes
20	5530	-	480.5	2081	B	Yes
21	5530	-	549.5	1820	B	Yes
22	5530	-	720.5	1388	B	Yes
23	5530	-	718.4	1392	B	Yes
24	5530	-	1025.6	975	B	Yes
25	5530	-	1402.5	713	B	No
26	5530	-	517.9	1931	B	Yes
27	5530	-	607.2	1647	B	No
28	5530	-	670.2	1492	B	Yes
29	5530	-	465.8	2147	B	Yes
30	5530	-	362.2	2761	B	Yes

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Radar Type2 for 5530MHz

Data Sheet for FCC Radar Type 2

Trial	VSG Frequency (MHz)	Number Pulses per Burst (23-29)	Pulse Width (1-5)	PRI (150-230)	Successful Detection
			( $\mu$ s)	( $\mu$ s)	(Yes/No)
1	5530	24	2	151	Yes
2	5530	25	2.5	169	Yes
3	5530	27	3.5	220	Yes
4	5530	23	1.1	184	Yes
5	5530	25	2.2	199	Yes
6	5530	29	4.8	160	Yes
7	5530	23	1	200	Yes
8	5530	25	2.3	197	Yes
9	5530	24	1.9	212	Yes
10	5530	27	3.6	174	Yes
11	5530	25	2.3	214	Yes
12	5530	26	3.1	186	Yes
13	5530	23	1.3	164	Yes
14	5530	25	2.6	172	Yes
15	5530	24	2.1	196	Yes
16	5530	23	1.4	203	Yes
17	5530	29	4.9	188	Yes
18	5530	24	1.9	168	Yes
19	5530	26	2.9	195	Yes
20	5530	25	2.2	225	Yes
21	5530	23	1.5	162	Yes
22	5530	23	1	165	Yes
23	5530	28	4.4	190	Yes
24	5530	26	2.8	177	Yes
25	5530	29	4.7	153	Yes
26	5530	29	4.9	204	Yes
27	5530	28	4.4	152	Yes
28	5530	26	3.2	178	Yes
29	5530	28	4.4	208	Yes
30	5530	26	2.8	216	Yes

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## Radar Type3 for 5530MHz

## Data Sheet for FCC Radar Type 3

Trial	VSG Frequency (MHz)	Number Pulses per Burst (16-18)	Pulse Width (6-10)	PRI (200-500)	Successful Detection
			( $\mu$ s)	( $\mu$ s)	(Yes/No)
1	5530	16	7	480	Yes
2	5530	17	7.5	260	Yes
3	5530	17	8.5	292	Yes
4	5530	16	6.1	497	Yes
5	5530	16	7.2	456	Yes
6	5530	18	9.8	345	Yes
7	5530	16	6	404	Yes
8	5530	17	7.3	379	Yes
9	5530	16	6.9	447	Yes
10	5530	17	8.6	470	Yes
11	5530	16	7.3	475	Yes
12	5530	17	8.1	293	Yes
13	5530	16	6.3	483	Yes
14	5530	17	7.6	239	Yes
15	5530	16	7.1	339	Yes
16	5530	16	6.4	271	Yes
17	5530	18	9.9	265	Yes
18	5530	16	6.9	298	Yes
19	5530	17	7.9	243	Yes
20	5530	16	7.2	473	Yes
21	5530	16	6.5	207	Yes
22	5530	16	6	370	Yes
23	5530	18	9.4	273	Yes
24	5530	17	7.8	313	Yes
25	5530	18	9.7	261	Yes
26	5530	18	9.9	421	Yes
27	5530	18	9.4	412	Yes
28	5530	17	8.2	340	Yes
29	5530	18	9.4	227	Yes
30	5530	17	7.8	308	Yes

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## Radar Type4 for 5530MHz

## Data Sheet for FCC Radar Type 4

Trial	VSG Frequency (MHz)	Number Pulses per Burst (12-16)	Pulse Width (11-20)	PRI (200-500)	Successful Detection
			( $\mu$ s)	( $\mu$ s)	(Yes/No)
1	5530	13	13.3	480	Yes
2	5530	13	14.3	260	Yes
3	5530	15	16.6	292	Yes
4	5530	12	11.3	497	Yes
5	5530	13	13.8	456	Yes
6	5530	16	19.6	345	Yes
7	5530	12	11	404	Yes
8	5530	13	14.1	379	Yes
9	5530	13	13.1	447	Yes
10	5530	15	16.8	470	Yes
11	5530	13	13.9	475	Yes
12	5530	14	15.8	293	Yes
13	5530	12	11.7	483	Yes
14	5530	14	14.6	239	Yes
15	5530	13	13.5	339	Yes
16	5530	12	11.9	271	Yes
17	5530	16	19.7	265	Yes
18	5530	13	13.1	298	Yes
19	5530	14	15.3	243	Yes
20	5530	13	13.7	473	Yes
21	5530	12	12.1	207	Yes
22	5530	12	11.1	370	Yes
23	5530	16	18.7	273	Yes
24	5530	14	15	313	Yes
25	5530	16	19.3	261	Yes
26	5530	16	19.6	421	Yes
27	5530	16	18.5	412	Yes
28	5530	14	16	340	Yes
29	5530	16	18.6	227	Yes
30	5530	14	15	308	Yes

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Radar Type5\_Trial1 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		1		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			11		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	63	9			547116
2	2	68.5	9	1739.5		809884
3	2	81.2	9	928.8		1074731
4	1	51.7	9			250394
5	1	65.4	9			514772
6	3	97.5	9	1303.5	1878.5	776318
7	1	50	9			1042544
8	2	67	9	1510		217466
9	1	61.6	9			482104
10	2	82	9	1819		745192
11	1	66.1	9			1010527
12						
13						
14						
15						
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17						
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Radar Type5\_Trial2 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		2		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			12		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	76.5	10	1828.5		169546
2	1	54.3	10			412083
3	2	70.2	10	1355.8		653433
4	1	64.2	10			896506
5	1	55.1	10			139951
6	3	98	10	1208	1323	381263
7	1	61.6	10			624320
8	2	73.9	10	1703.1		865130
9	1	65.3	10			110169
10	1	56.4	10			352320
11	1	50.8	10			594411
12	3	92.4	10	1231.6	1404.6	834342
13						
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Radar Type5\_Trial3 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		3		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			16		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72.1	14	1817.9		60099
2	3	95.8	14	982.2	1032.2	241129
3	3	97.7	14	1371.3	1005.3	421556
4	3	91.6	14	1192.4	1154.4	602599
5	2	77.7	14	1647.3		37764
6	3	92.3	14	1572.7	1216.7	218585
7	2	72.5	14	1899.5		400069
8	1	52.3	14			582770
9	3	95.2	14	1512.8	1421.8	15436
10	2	76.8	14	1882.2		196404
11	3	89.3	14	1447.7	1762.7	376657
12	2	73.3	14	1612.7		558869
13	2	76.6	14	1655.4		740220
14	3	95.5	14	1538.5	1013.5	173979
15	3	99.5	14	1416.5	1282.5	354668
16	1	53.3	14			537875
17						
18						
19						
20						

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Radar Type5\_Trial4 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		4		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			8		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	70.2	5	1226.8		1439017
2	3	98.9	5	969.1	961.1	304510
3	2	82.8	5	1850.2		667663
4	3	88.9	5	1145.1	1033.1	1029958
5	2	78.7	5	1432.3		1394069
6	1	64.4	5			260083
7	3	89.8	5	1840.2	1645.2	622120
8	3	89.6	5	1078.4	1503.4	985288
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Radar Type5\_Trial5 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		5		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			12		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	65.9	9			899539
2	1	63.5	9			143493
3	1	53.9	9			385577
4	1	63.5	9			627660
5	1	53.5	9			870411
6	3	86.3	9	1250.7	1782.7	113367
7	3	97	9	1305	1083	354956
8	2	69.9	9	1594.1		597278
9	1	62.1	9			839861
10	2	76.1	9	1463.9		83754
11	1	59.1	9			325883
12	1	55.9	9			567967
13						
14						
15						
16						
17						
18						
19						
20						

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Radar Type5\_Trial6 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		6		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			20		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	67.8	20	1392.2		484823
2	1	55.9	20			32403
3	2	72.3	20	1694.7		177065
4	2	74.8	20	1862.2		321415
5	3	89.2	20	1320.8	1130.8	466161
6	2	79.6	20	1703.4		14468
7	2	70.9	20	1899.1		159020
8	3	99.7	20	1520.3	1551.3	303006
9	1	65	20			449657
10	3	96.9	20	1271.1	1668.1	592441
11	3	87.6	20	1877.4	966.4	141022
12	1	59.6	20			287016
13	3	98.5	20	1505.5	1622.5	430018
14	1	58.2	20			576799
15	1	53.6	20			123915
16	1	66.5	20			269080
17	2	73.7	20	1895.3		412886
18	1	62	20			559019
19	1	63.7	20			106045
20	1	57.7	20			251008

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Radar Type5\_Trial7 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		7		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			8		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	56	5			992593
2	1	58	5			1355642
3	2	75.6	5	1711.4		220355
4	1	64.2	5			584108
5	3	88.3	5	1053.7	1593.7	946066
6	1	59	5			1311341
7	3	98.8	5	1549.2	1259.2	175617
8	1	58.9	5			539295
9						
10						
11						
12						
13						
14						
15						
16						
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Radar Type5\_Trial8 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		8		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			12		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	79.8	10	1724.2		600616
2	2	69.3	10	1006.7		842500
3	1	61.2	10			87385
4	1	50.5	10			329397
5	3	86.4	10	990.6	1864.6	569972
6	3	93.6	10	1643.4	1701.4	810942
7	3	85.6	10	1212.4	1808.4	57380
8	1	64.3	10			299844
9	2	76.5	10	1907.5		540904
10	1	57.9	10			784136
11	3	99.7	10	1299.3	1339.3	27645
12	3	99.1	10	962.9	1615.9	269205
13						
14						
15						
16						
17						
18						
19						
20						

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Radar Type5\_Trial9 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		9		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			11		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	93.5	8	929.5	1727.5	557466
2	3	90.1	8	1252.9	1185.9	820873
3	2	74.6	8	967.4		1086260
4	2	69.1	8	1044.9		261754
5	2	76	8	1698		525100
6	3	94.3	8	980.7	1743.7	788308
7	1	65	8			1054412
8	3	95.3	8	1111.7	997.7	228796
9	2	82.6	8	1916.4		492623
10	2	80.5	8	1295.5		756709
11	3	96.3	8	1399.7	1161.7	1019573
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Radar Type5 Trial10 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		10		VSG Frequency(MHz):		5530
Number of Bursts in Trial:			16		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	50.1	15			135328
2	1	62.4	15			316921
3	1	51.3	15			498292
4	3	100	15	1866	1233	676623
5	1	59.7	15			112895
6	2	80.3	15	1438.7		293869
7	1	58	15			475758
8	3	86.5	15	1143.5	944.5	655204
9	2	80.2	15	1382.8		90316
10	2	80.8	15	1735.2		271474
11	1	61.9	15			453690
12	2	69.9	15	1438.1		634099
13	3	95.7	15	1728.3	1122.3	67903
14	3	85.7	15	1479.3	1242.3	248632
15	3	87	15	1871	1557	429388
16	2	73.3	15	1426.7		611188
17						
18						
19						
20						

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Radar Type5 Trial11 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		11		VSG Frequency(MHz):		5534
Number of Bursts in Trial:			12		Successful Detection: No	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	54.9	10			61073
2	2	72.7	10	1685.3		302598
3	3	89.4	10	1185.6	1376.6	544152
4	3	90	10	1458	912	785806
5	1	65.8	10			31261
6	1	62.3	10			273307
7	1	64.6	10			515771
8	1	64.2	10			757953
9	1	65.9	10			1434
10	3	83.5	10	1613.5	1256.5	242834
11	1	56.5	10			485573
12	3	88.3	10	1492.7	1833.7	725245
13						
14						
15						
16						
17						
18						
19						
20						

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Radar Type5 Trial12 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		12		VSG Frequency(MHz):		5535.2
Number of Bursts in Trial:			14		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	94.1	13	1020.9	1649.9	828603
2	3	94	13	1173	1180	182667
3	1	53.4	13			390823
4	2	76.4	13	1139.6		597189
5	3	99.3	13	1512.7	1019.7	803019
6	2	73.1	13	1531.9		157255
7	1	61.1	13			365226
8	3	88.2	13	1076.8	1000.8	571078
9	3	85	13	950	1142	778579
10	3	93.6	13	1036.4	1549.4	131685
11	2	75.8	13	1774.2		338945
12	3	84	13	1721	1450	544822
13	2	68.4	13	1763.6		753166
14	2	71.4	13	1131.6		106356
15						
16						
17						
18						
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20						

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Radar Type5 Trial13 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		13		VSG Frequency(MHz):		5532.4
Number of Bursts in Trial:			9		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	69.5	6	1326.5		488221
2	2	68.2	6	1914.8		810424
3	2	81.5	6	987.5		1133906
4	2	70.2	6	1303.8		125895
5	2	78.9	6	1134.1		448609
6	3	83.4	6	1542.6	1814.6	770182
7	3	89	6	1089	1822	1092855
8	2	71	6	970		86119
9	1	60	6			409098
10						
11						
12						
13						
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Radar Type5 Trial14 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		14		VSG Frequency(MHz):		5534.4
Number of Bursts in Trial:			13		Successful Detection: No	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72.6	11	1791.4		505879
2	3	93.2	11	1681.8	1741.8	727468
3	3	90.6	11	1008.4	931.4	32042
4	2	80.5	11	1441.5		255248
5	3	87.8	11	1156.2	1541.2	477748
6	3	97.8	11	1896.2	1379.2	699913
7	3	87.2	11	1591.8	1268.8	4570
8	3	84.1	11	1646.9	1074.9	227397
9	2	76.3	11	1145.7		450859
10	2	73.8	11	1388.2		673953
11	2	69.8	11	1741.2		896808
12	3	92.5	11	1540.5	957.5	200010
13	3	86.2	11	934.8	1668.8	423002
14						
15						
16						
17						
18						
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Radar Type5 Trial15 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		15		VSG Frequency(MHz):		5533.6
Number of Bursts in Trial:			11		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	77.3	9	1365.7		764507
2	3	85.5	9	930.5	1914.5	1026463
3	2	70.6	9	1606.4		204272
4	2	72.6	9	1180.4		468403
5	2	74.6	9	1915.4		731388
6	3	98.9	9	1605.1	1531.1	994550
7	3	88.3	9	1689.7	1017.7	171579
8	1	61.4	9			436246
9	3	96.9	9	1138.1	1345.1	699000
10	1	55.4	9			964595
11	2	71.5	9	1512.5		139207
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Radar Type5 Trial16 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		16		VSG Frequency(MHz):		5532.4
Number of Bursts in Trial:			9		Successful Detection: No	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	94.4	6	1533.6	1250.6	492232
2	3	92.8	6	1532.2	1501.2	814314
3	3	96.4	6	1093.6	1223.6	1136998
4	2	82.7	6	1558.3		130564
5	3	95.8	6	1176.2	1745.2	452528
6	1	54.5	6			776429
7	2	73.1	6	1912.9		1098089
8	3	99.4	6	1067.6	1542.6	90715
9	2	73	6	1803		413433
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

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## Radar Type5 Trial17 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		17		VSG Frequency(MHz):		5538
Number of Bursts in Trial:			20		Successful Detection: No	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	84	20	981	1021	330156
2	2	80.9	20	1660.1		474595
3	2	83.3	20	1349.7		22926
4	1	58.7	20			168177
5	3	92.7	20	1314.3	1313.3	311945
6	2	73.3	20	933.7		457601
7	3	90.4	20	1367.6	1889.6	5060
8	3	97.9	20	1448.1	1041.1	149696
9	1	59.5	20			295360
10	3	99.6	20	1898.4	1185.4	437809
11	1	60.1	20			586068
12	3	98.7	20	1754.3	1063.3	131732
13	2	79	20	1146		276847
14	3	83.4	20	1790.6	1836.6	419894
15	3	90.9	20	1610.1	1672.1	564556
16	3	96	20	1445	1551	113901
17	3	99.6	20	1367.4	1210.4	258222
18	1	56.3	20			404749
19	1	58.8	20			549571
20	3	90.1	20	1723.9	1050.9	96145

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Radar Type5 Trial18 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		18		VSG Frequency(MHz):		5533.2
Number of Bursts in Trial:			11		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	82.8	8	1593.2		439352
2	3	98.7	8	1723.3	1869.3	701769
3	2	75.7	8	1590.3		966712
4	3	87.7	8	1400.3	1696.3	142905
5	2	69	8	1495		407058
6	3	86.1	8	1385.9	931.9	670396
7	3	95	8	1485	1074	933653
8	1	51.4	8			110807
9	1	54.4	8			374973
10	3	88.3	8	1021.7	1086.7	637820
11	2	71.7	8	1109.3		902032
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Radar Type5 Trial19 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		19		VSG Frequency(MHz):		5534.8
Number of Bursts in Trial:			14		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	50.7	12			61447
2	2	70.5	12	1627.5		268475
3	2	69.4	12	1722.6		475296
4	1	52.1	12			684076
5	3	96.5	12	1482.5	1792.5	35721
6	1	52.2	12			243509
7	1	61.8	12			451070
8	2	80	12	1415		656965
9	1	51.2	12			10304
10	1	58.5	12			217915
11	3	90.4	12	1643.6	1177.6	424006
12	1	51.8	12			633126
13	3	97.4	12	1229.6	1565.6	837093
14	3	95.3	12	1812.7	1618.7	191356
15						
16						
17						
18						
19						
20						

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Radar Type5 Trial20 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		20		VSG Frequency(MHz):		5533.6
Number of Bursts in Trial:			11		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72.9	9	1382.1		508123
2	1	65.3	9			773405
3	1	59.4	9			1037862
4	1	55.4	9			212248
5	3	86.8	9	1707.2	1437.2	475069
6	3	96.2	9	1208.8	1146.8	738945
7	3	98.3	9	1572.7	1865.7	1001791
8	1	64.2	9			179675
9	1	59.2	9			443751
10	3	90.3	9	1441.7	926.7	706246
11	3	85.3	9	1574.7	1594.7	969720
12						
13						
14						
15						
16						
17						
18						
19						
20						

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Radar Type5 Trial21 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		21		VSG Frequency(MHz):		5527.2
Number of Bursts in Trial:			9		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	55.2	7			179939
2	3	95.6	7	1379.4	1416.4	501977
3	3	89.8	7	1339.2	1816.2	823882
4	1	56.5	7			1149144
5	2	78.4	7	1624.6		139946
6	3	89	7	1818	1728	461987
7	3	93.5	7	1001.5	1894.5	784366
8	2	71.2	7	1231.8		1108027
9	2	77.8	7	1238.2		100223
10						
11						
12						
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Radar Type5 Trial22 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		22		VSG Frequency(MHz):		5528
Number of Bursts in Trial:			8		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	59.4	5			476226
2	2	78.1	5	1052.9		838980
3	1	59.5	5			1203455
4	2	81.2	5	1182.8		68054
5	3	94.5	5	1269.5	1397.5	430668
6	3	93.8	5	1298.2	951.2	793857
7	3	87.7	5	1366.3	1073.3	1156502
8	2	76.4	5	1282.6		23331
9						
10						
11						
12						
13						
14						
15						
16						
17						
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Radar Type5 Trial23 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		23		VSG Frequency(MHz):		5522.8
Number of Bursts in Trial:			19		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	57.5	18			162625
2	2	81.6	18	1005.4		314791
3	3	92.4	18	1467.6	1148.6	466333
4	3	96.8	18	1762.2	1816.2	617318
5	2	78.3	18	1807.7		143267
6	3	92.5	18	1254.5	1042.5	295390
7	3	96.2	18	1222.8	1085.8	447612
8	2	70.7	18	1236.3		601014
9	3	85.6	18	1856.4	1510.4	124334
10	3	96	18	1588	1799	276292
11	2	67.6	18	1018.4		429782
12	3	92.2	18	1513.8	1393.8	580750
13	2	73.5	18	1539.5		105842
14	3	86.5	18	1768.5	1037.5	257878
15	1	61.3	18			411647
16	2	79.2	18	1275.8		562965
17	2	66.8	18	1650.2		87167
18	3	91.3	18	1869.7	1411.7	238690
19	1	56.6	18			393096
20						

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Radar Type5 Trial24 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		24		VSG Frequency(MHz):		5525.2
Number of Bursts in Trial:			13		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72.1	12	1824.9		796692
2	2	73.4	12	1699.6		99997
3	2	72.9	12	975.1		323365
4	2	69.6	12	1878.4		546064
5	3	97	12	1264	1114	768225
6	2	80.7	12	1863.3		72555
7	2	69.6	12	1755.4		295575
8	3	85.9	12	1841.1	1893.1	517465
9	3	94.8	12	1508.2	1742.2	740402
10	1	55.8	12			45145
11	2	78.2	12	1712.8		268143
12	1	61	12			491910
13	3	93	12	1634	1225	712989
14						
15						
16						
17						
18						
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Radar Type5 Trial25 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		25		VSG Frequency(MHz):		5522.4
Number of Bursts in Trial:			19		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	58.5	19			12048
2	2	71.8	19	1068.2		164691
3	1	56.6	19			317446
4	2	77.7	19	1529.3		469582
5	3	98	19	1158	1264	620682
6	3	88.6	19	919.4	985.4	145479
7	2	76.9	19	1175.1		298273
8	1	53.1	19			451684
9	3	93.6	19	1598.4	1416.4	601095
10	3	85.8	19	1484.2	1610.2	126613
11	3	92.8	19	1392.2	1099.2	278636
12	3	93	19	1222	1282	431006
13	2	75.8	19	1210.2		584184
14	2	79.1	19	1769.9		108144
15	1	54.2	19			261327
16	2	72.9	19	936.1		413162
17	2	66.8	19	1532.2		565482
18	2	80.4	19	1502.6		89385
19	1	64.3	19			242495
20						

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Radar Type5 Trial26 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		26		VSG Frequency(MHz):		5522
Number of Bursts in Trial:			20		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	1	53.2	20			375578
2	3	87.1	20	1072.9	1894.9	518120
3	1	65.6	20			67169
4	1	52.9	20			212503
5	3	84.7	20	1238.3	1327.3	356089
6	1	61.9	20			502761
7	3	95.5	20	1563.5	943.5	49076
8	1	66	20			194378
9	1	58.7	20			339492
10	1	56.5	20			484688
11	1	51.4	20			31430
12	1	64.9	20			176580
13	1	57.3	20			321724
14	3	84.9	20	1669.1	1101.1	464232
15	2	74.7	20	1675.3		13512
16	3	83.6	20	1492.4	1386.4	157823
17	1	51.6	20			304049
18	2	79.8	20	1158.2		448262
19	3	83.6	20	1842.4	1516.4	590730
20	2	81.3	20	1178.7		140480

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Radar Type5 Trial27 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		27		VSG Frequency(MHz):		5522.8
Number of Bursts in Trial:			18		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	78.3	18	1217.7		317420
2	1	64.4	18			479183
3	1	53.5	18			640692
4	2	78.5	18	1326.5		136408
5	3	87.7	18	1110.3	1602.3	296498
6	2	80.1	18	1121.9		458335
7	2	76.6	18	1468.4		619127
8	2	71.1	18	1077.9		116618
9	1	51.5	18			277995
10	1	65.3	18			439735
11	1	63	18			600944
12	2	77.9	18	1724.1		96628
13	2	75.4	18	1194.6		257841
14	1	63.8	18			419502
15	1	57.8	18			580860
16	1	55.8	18			76985
17	3	92.9	18	1237.1	1050.1	237611
18	2	68.9	18	1044.1		398883
19						
20						

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Radar Type5 Trial28 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		28		VSG Frequency(MHz):		5524.8
Number of Bursts in Trial:			15		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	72	13	1704		671598
2	1	65.7	13			68604
3	1	52.5	13			262348
4	2	72.5	13	1769.5		454797
5	2	68.1	13	1871.9		647764
6	3	96.7	13	1675.3	1605.3	44581
7	3	92.2	13	1325.8	990.8	237652
8	2	70.8	13	1340.2		431398
9	3	85.5	13	1093.5	1444.5	623691
10	1	58.1	13			20917
11	1	51.1	13			214554
12	3	95.5	13	1447.5	1377.5	406902
13	1	52.5	13			602013
14	3	93.1	13	1750.9	1794.9	792014
15	2	83.3	13	1034.7		190445
16						
17						
18						
19						
20						

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Radar Type5 Trial29 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		29		VSG Frequency(MHz):		5522.8
Number of Bursts in Trial:			18		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	3	99.2	18	1552.8	1871.8	318533
2	3	86.1	18	1322.9	1563.9	479389
3	3	88.9	18	1830.1	1466.1	639681
4	3	83.6	18	1266.4	1729.4	138256
5	3	87.1	18	1502.9	1100.9	298961
6	1	65.3	18			461840
7	1	54.5	18			623392
8	3	85.4	18	1622.6	1452.6	118634
9	2	74.3	18	1547.7		279705
10	1	64.5	18			441498
11	3	93.4	18	1099.6	1752.6	599951
12	3	93.5	18	1646.5	1419.5	98828
13	2	73.5	18	1688.5		259805
14	3	89.5	18	1525.5	943.5	420061
15	3	93.5	18	1564.5	1427.5	580484
16	2	77.1	18	1648.9		79143
17	2	68.8	18	1084.2		240171
18	3	90.7	18	1390.3	1047.3	400250
19						
20						

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Radar Type5 Trial30 for 5530MHz

Data Sheet for FCC Radar Type 5						
Trial Number:		30		VSG Frequency(MHz):		5525.2
Number of Bursts in Trial:			13		Successful Detection: Yes	
Burst (8-20)	Number Pulses per Burst (1-3)	Pulse Width (50-100)	Chirp Width (5-20)	Pulse 1-to-2 Spacing	Pulse 2-to-3 Spacing	Starting Location Within Interval
		( $\mu$ sec)	(MHz)	( $\mu$ sec)	( $\mu$ sec)	( $\mu$ sec)
1	2	82.8	12	1674.2		778757
2	1	57.8	12			82422
3	2	67.9	12	1312.1		305651
4	2	78.7	12	1852.3		528376
5	1	55.7	12			753383
6	3	96.3	12	1140.7	1655.7	54759
7	1	56.8	12			278494
8	3	86.3	12	919.7	1773.7	500553
9	2	66.8	12	1816.2		723702
10	3	94.7	12	1321.3	1756.3	27305
11	2	68.5	12	1362.5		250449
12	2	70	12	1800		473621
13	1	56.1	12			697800
14						
15						
16						
17						
18						
19						
20						

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Radar Type6 for 5530MHz

Data Sheet for FCC Radar Type 6

Trial	Pulse Width	PRI	Pulses per Hop	Hopping Rate	Hopping Sequence Length	Successful Detection
	( $\mu$ sec)	( $\mu$ sec)		(kHz)	(msec)	(Yes/No)
1	1	333	9	0.333	300	Yes
2	1	333	9	0.333	300	Yes
3	1	333	9	0.333	300	Yes
4	1	333	9	0.333	300	Yes
5	1	333	9	0.333	300	Yes
6	1	333	9	0.333	300	Yes
7	1	333	9	0.333	300	Yes
8	1	333	9	0.333	300	Yes
9	1	333	9	0.333	300	Yes
10	1	333	9	0.333	300	Yes
11	1	333	9	0.333	300	Yes
12	1	333	9	0.333	300	Yes
13	1	333	9	0.333	300	Yes
14	1	333	9	0.333	300	Yes
15	1	333	9	0.333	300	Yes
16	1	333	9	0.333	300	Yes
17	1	333	9	0.333	300	Yes
18	1	333	9	0.333	300	Yes
19	1	333	9	0.333	300	Yes
20	1	333	9	0.333	300	Yes
21	1	333	9	0.333	300	Yes
22	1	333	9	0.333	300	Yes
23	1	333	9	0.333	300	Yes
24	1	333	9	0.333	300	Yes
25	1	333	9	0.333	300	Yes
26	1	333	9	0.333	300	Yes
27	1	333	9	0.333	300	Yes
28	1	333	9	0.333	300	Yes
29	1	333	9	0.333	300	Yes
30	1	333	9	0.333	300	Yes

~End of Report~

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