

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

Applicant: Cisco Systems
125 West Tasman Drive San Jose California United States
95134-1706

Manufacturer: Cisco Systems
125 West Tasman Drive San Jose California United States
95134-1706

Product Name: FM3200

Brand Name: Fluidmesh FM3200

Model No.: FM3200, FM4200

Model Difference: 1. Some passive components of the DCIN circuit are mounted on PCB in FM4200 model.
2. Antenna connectors are different: RP-SMA on FM3200, QMA on FM4200.
3. Bottom part of FM4200 enclosure has M12 connectors instead of RJ45 ports: M12 DCIN port is added on FM4200.

Report Number: ER/2020/30133

FCC ID: R5SX200

FCC Rule Part: §15.407, Cat: NII

Issue Date: March 22, 2021

Date of Test: April 6, 2020 - November 11, 2020

Date of EUT Received: March 24, 2020

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab Laboratory. 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 tested as described in this report is in compliance with conducted and radiated emission limits.

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

Jim Chang
Approved By: _____
Jim Chang / Manager



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Revision History

Report Number	Revision	Description	Issue Date	Remark
ER/2020/30133	Rev.00	Original.	March 22, 2021	Revised By: Violetta Tang

Note:

1、Multiple Model numbers or Trademarks

The variant model numbers are assessed as identical in hardware and software to each other, hence all variants are fully covered by the test results in this test report without further verification test.

2、Disclaimer

Variant information between model numbers is provided by the applicant, test results of this report are applicable to the sample EUT received.

3、Disclaimer

Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

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1 GENERAL INFORMATION

1.1 Product Description

General:

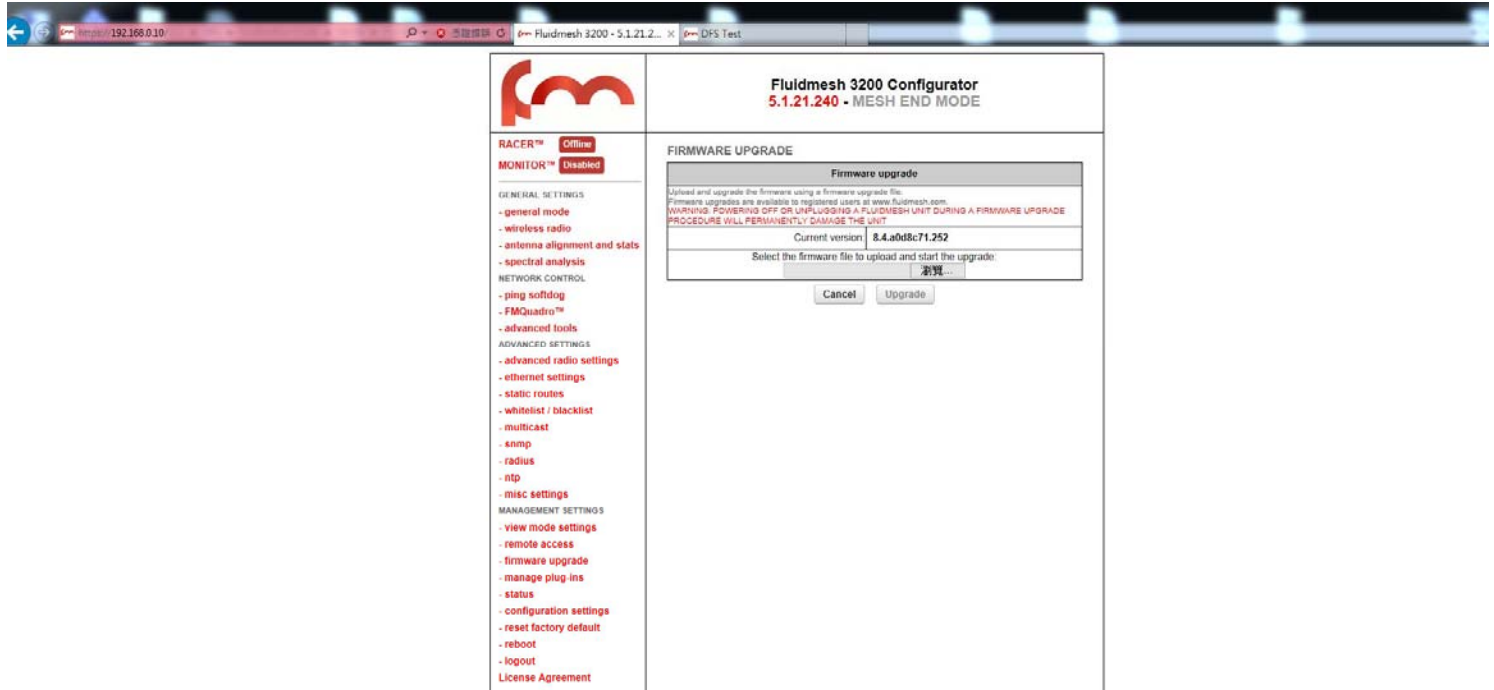
Product Name:	FM3200
Brand Name:	Fluidmesh FM3200
Model No.:	FM3200, FM4200
Model Difference:	1. Some passive components of the DCIN circuit are mounted on PCB in FM4200 model. 2. Antenna connectors are different: RP-SMA on FM3200, QMA on FM4200. 3. Bottom part of FM4200 enclosure has M12 connectors instead of RJ45 ports: M12 DCIN port is added on FM4200.
Operation mode	Master equipment
Product SW/HW version:	Please refer to DFS FW version print screen as below.
Radio SW/HW version:	N/A / N/A
Power Supply:	48V from AC/DC Adapter
Modulation type	64QAM, 16QAM, QPSK, BPSK for OFDM
Transition Rate:	802.11 n_20MHz: 6.5 – 144.4Mbps 802.11 n_40MHz: 13.5 – 300.0Mbps

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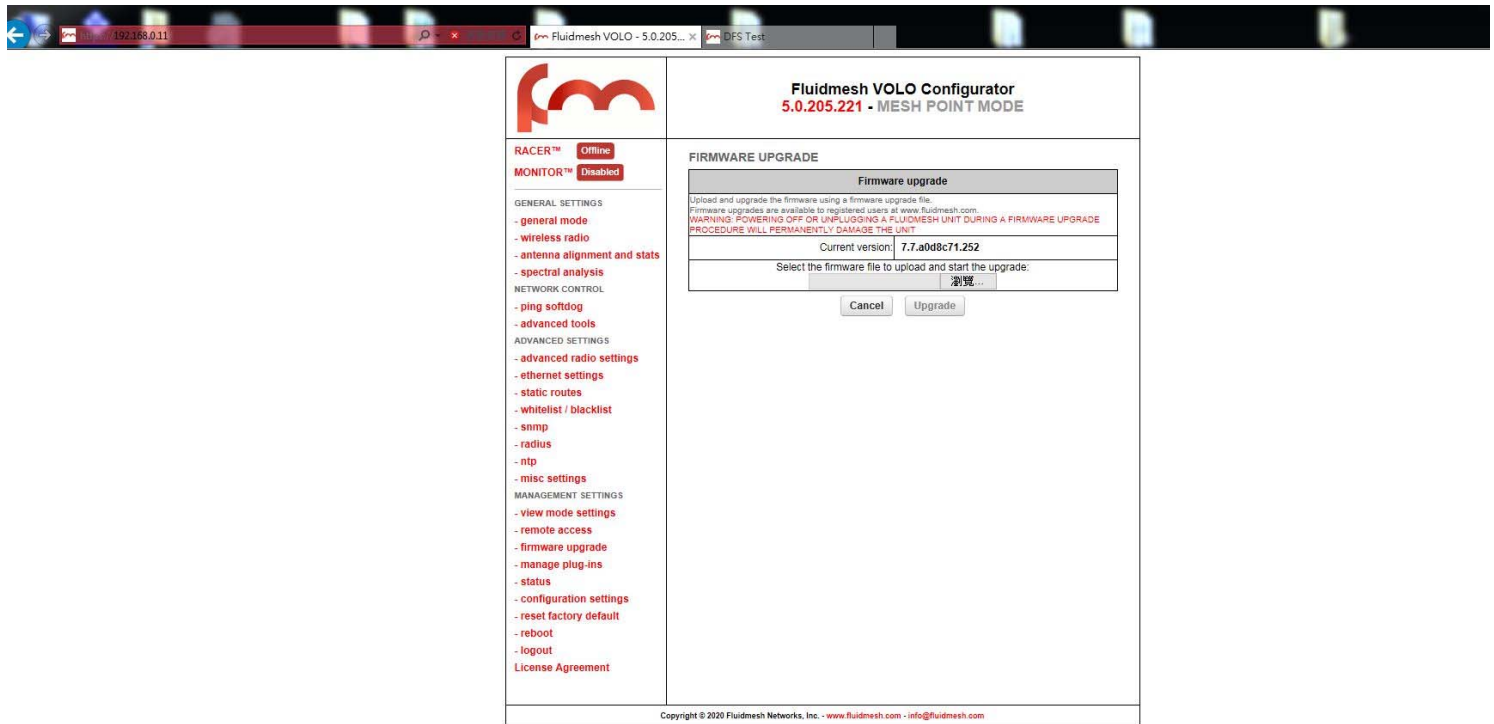
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DFS FW version:
Master



Slave



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1.2 FCC WLAN 5GHz:

Wi-Fi 802.11	Frequency Range	Channels	Avg. Power (dBm)	Maximum Antenna Gain (dBi)	EIRP (dBm)
n_HT 20M	5470~5725	12	10.95	16	26.95
n_HT 40M	5470~5725	6	10.56	16	26.56

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1.3 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

1.4 Test Facility

SGS Taiwan Ltd. Central RF Lab (TAF code 3702)

No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan
24803

FCC Designation number: TW0027

1.5 Special Accessories

There are no special accessories used while test was conducted.

1.6 Equipment Modifications

There was no modification incorporated into the EUT.

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2 SUMMARY OF TEST RESULT

FCC Rule	Description Of Test	Result
§15.407(h) FCC KDB 905462 D02	TPC and DFS Measurement	Compliant

3 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
TPC and DFS Measurement	+/- 123.36 Hz
Temperature	+/- 0.65 °C
Humidity	+/- 4.6 %
DC / AC Power Source	DC= +/- 0.13%, AC=+/- 0.2%

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: Standard Applicable

According to §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, The output power is less than 500mW.

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.

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	Yes	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
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 each of the bonded 20 MHz channels and the channel center frequency.		

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

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 KDB Publication 662911 D01.	

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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.
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.	

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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	$\text{Roundup} \left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	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.					

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.

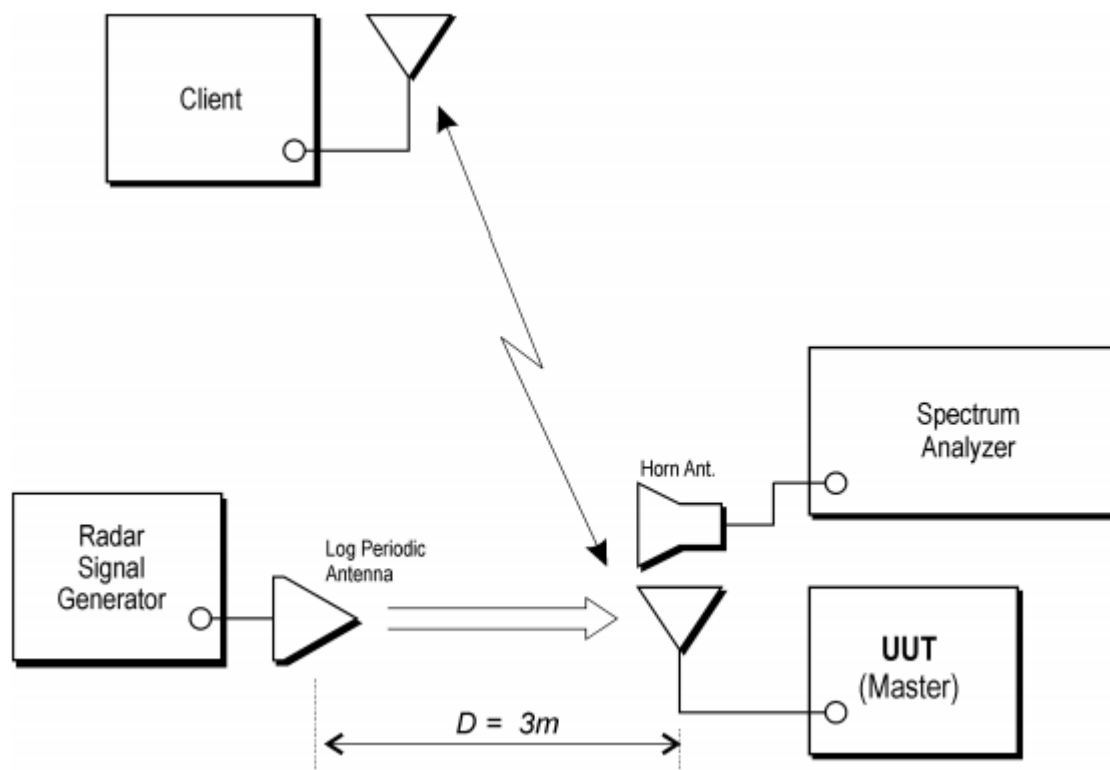
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6 TEST SETUP

Setup for Master with injection at the Master



7 TEST EQUIPMENT USED:

Conducted Emission Test Site					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Horn antenna	ETS.LINDGREN	3117	123995	02/06/2020	02/05/2021
Horn antenna	ETS.LINDGREN	3117	143272	06/20/2020	06/19/2021
Signal Generator	KEYSIGHT	N5182B	MY59100743	06/26/2020	06/25/2021
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071541	06/26/2020	06/25/2021
Notebook	Lenovo	T470	PF-0XLQGV	N/A	N/A
Notebook	Lenovo	T440P	PC-014TAK	N/A	N/A
Access Point	Cisco	FM3200	3200060242	N/A	N/A

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8 DESCRIPTION OF EUT:

EUT operates over below frequency ranges.

UNII-Band	
☐	UNII-2A (5250-5350 MHz)
☒	UNII-2C (5470-5725 MHz)

And is a Master device with radar detection and DFS capability

The EUT utilizes below architecture and nominal channel bandwidths.

802.11	20M	40M	80M	160M
a	☐	N/A	N/A	N/A
n	☒	☒	N/A	N/A
ac	☐	☐	☐	☐
ax	☐	☐	☐	☐

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 <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.

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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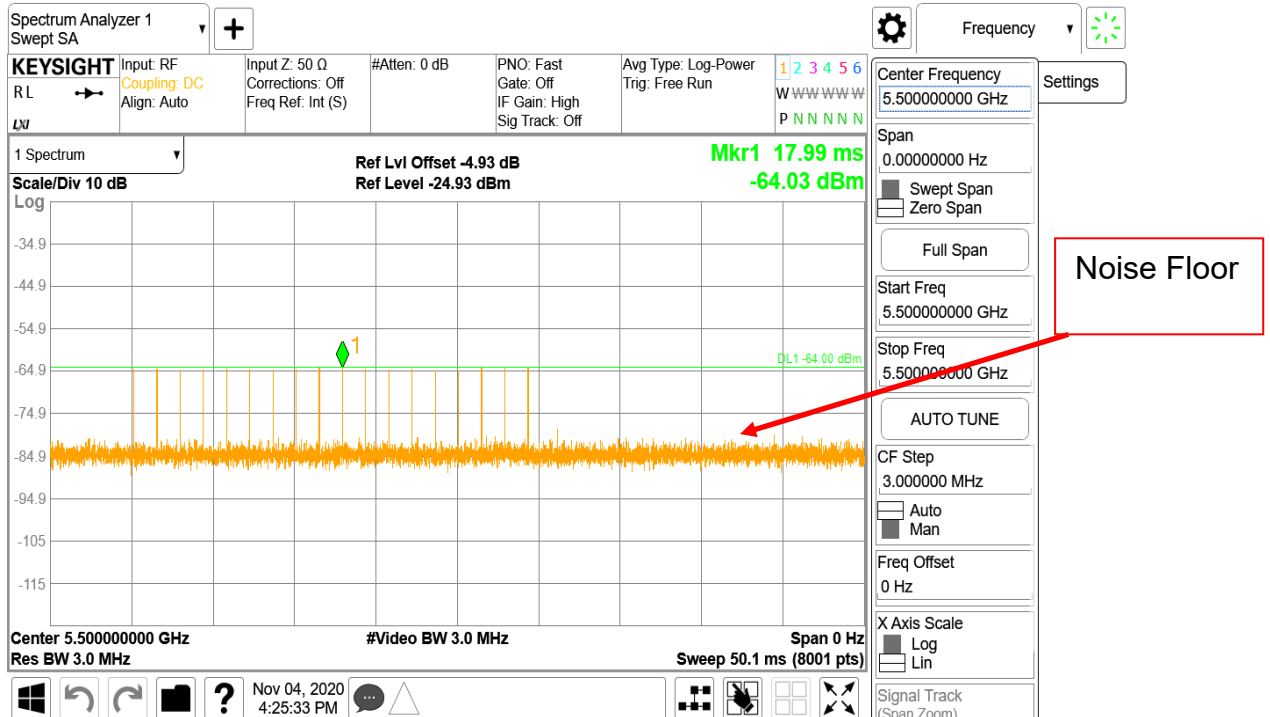
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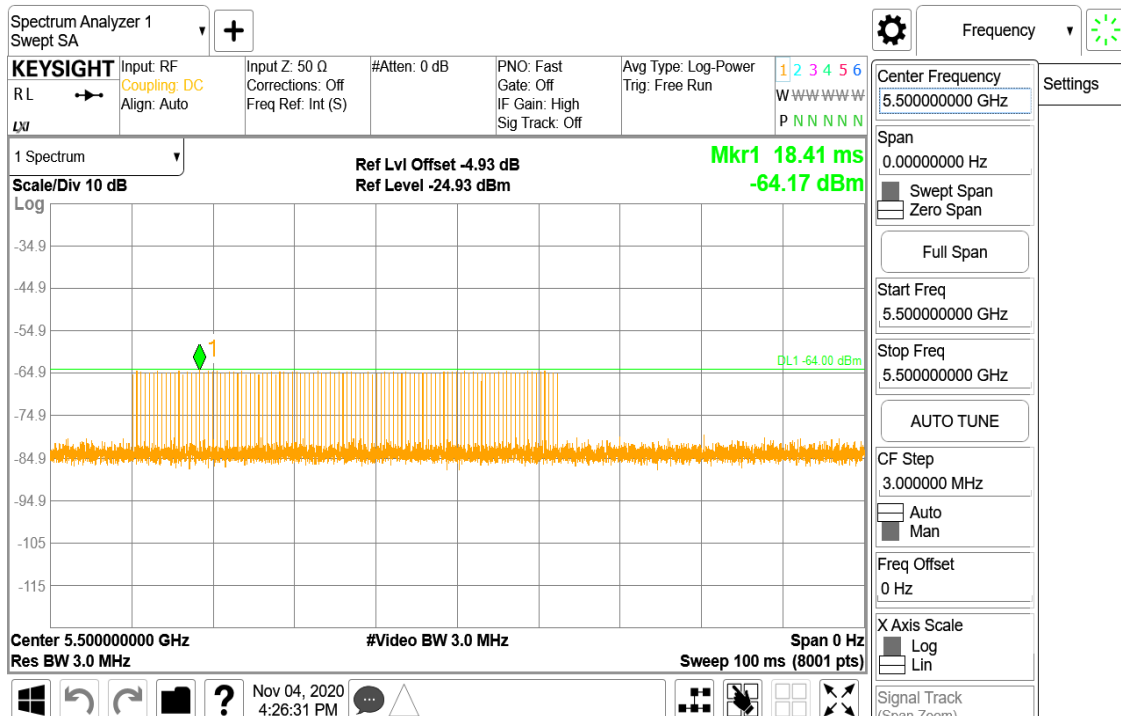
9 RADAR TYPE WAVEFORM CALIBRATION AT DFS DECTION THESHOLD

9.1 5500MHz

Radar type 0



Radar type 1-A

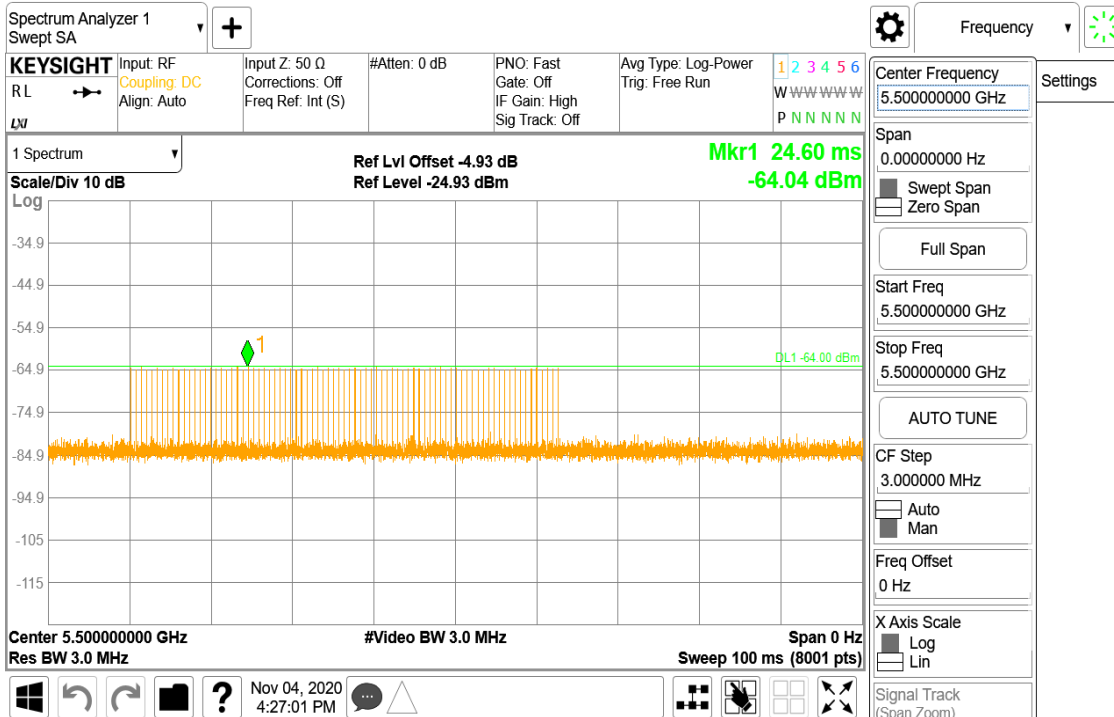


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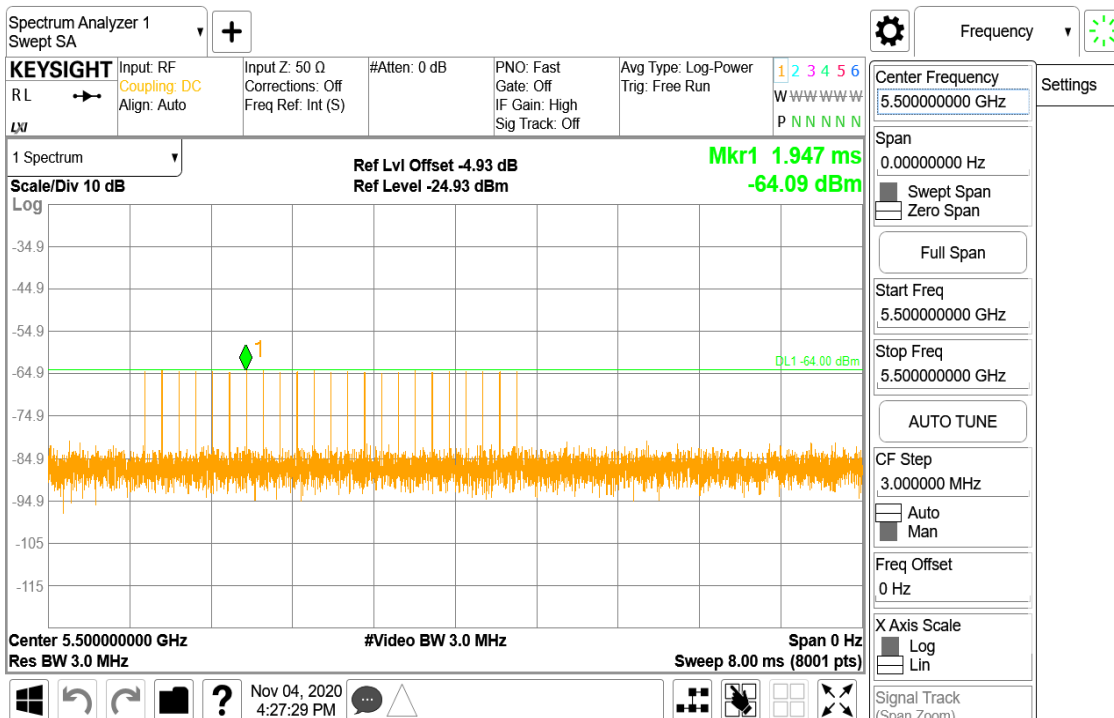
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Radar type 1-B



Radar type 2

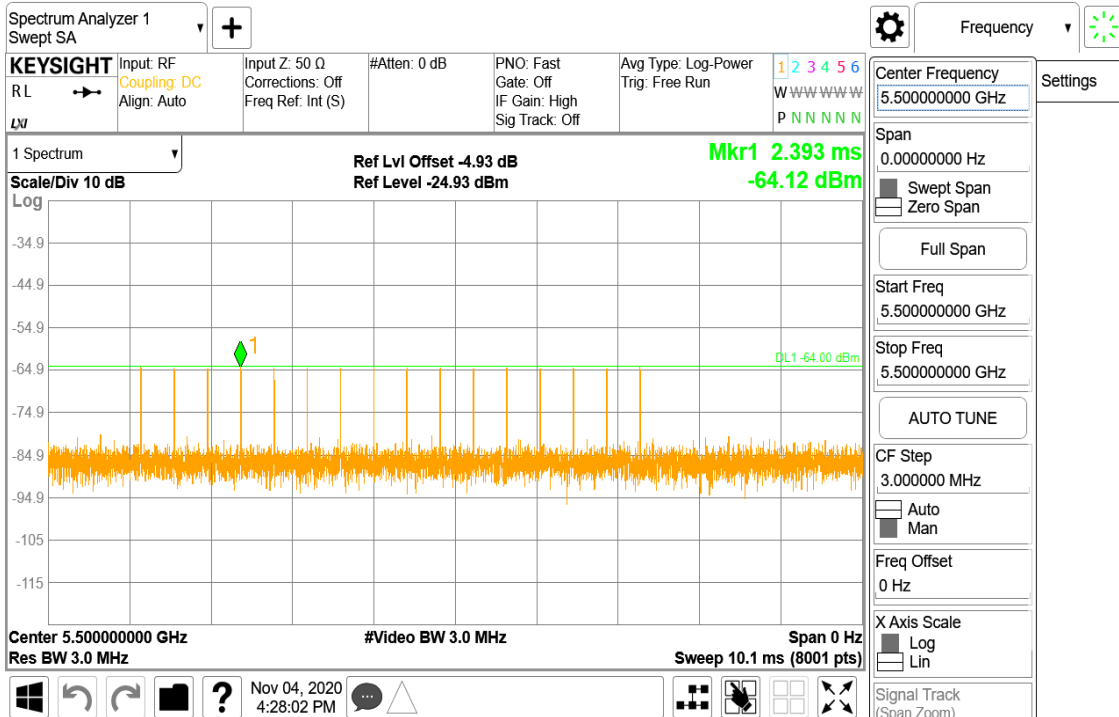


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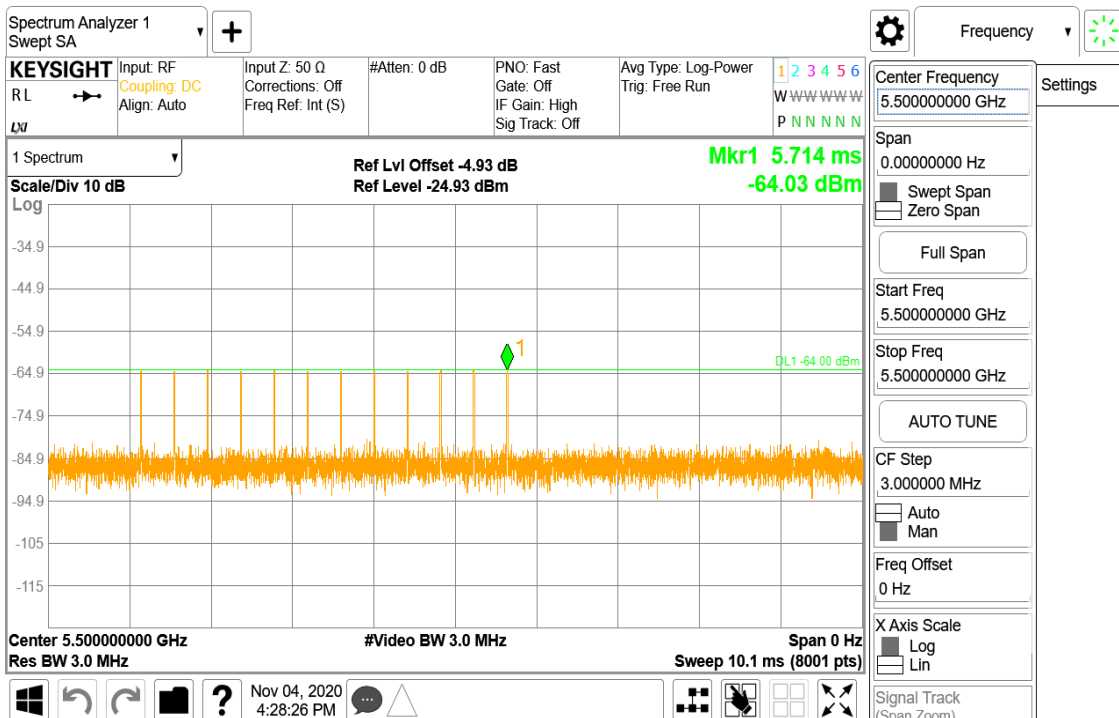
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Radar type 3



Radar type 4

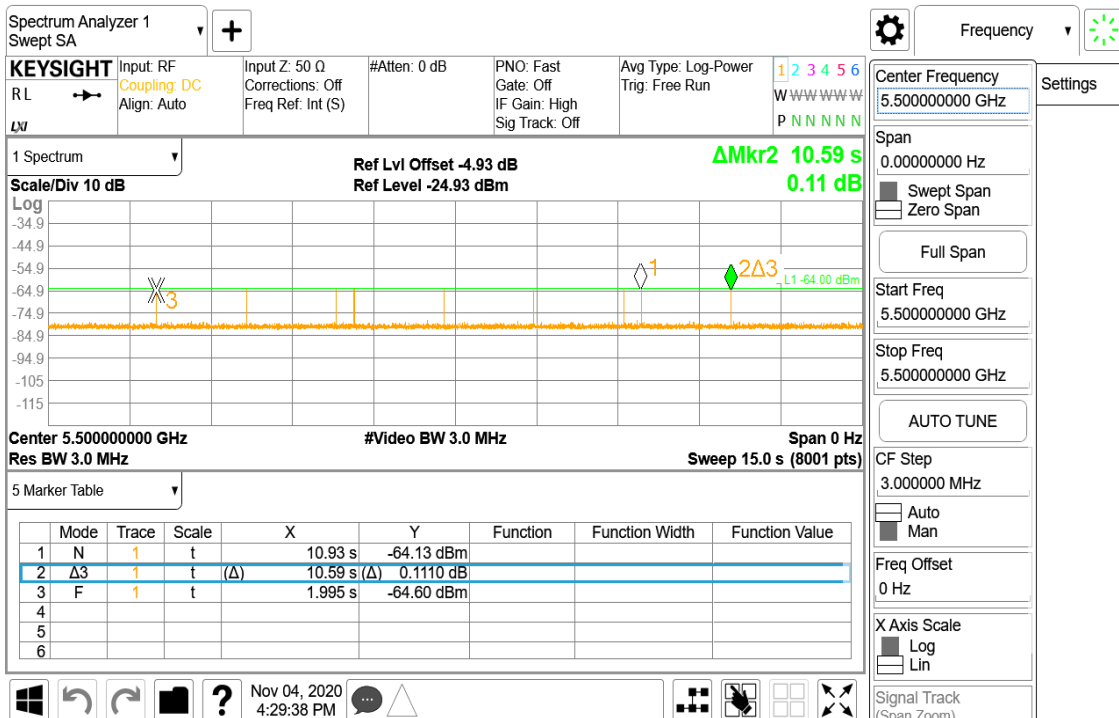


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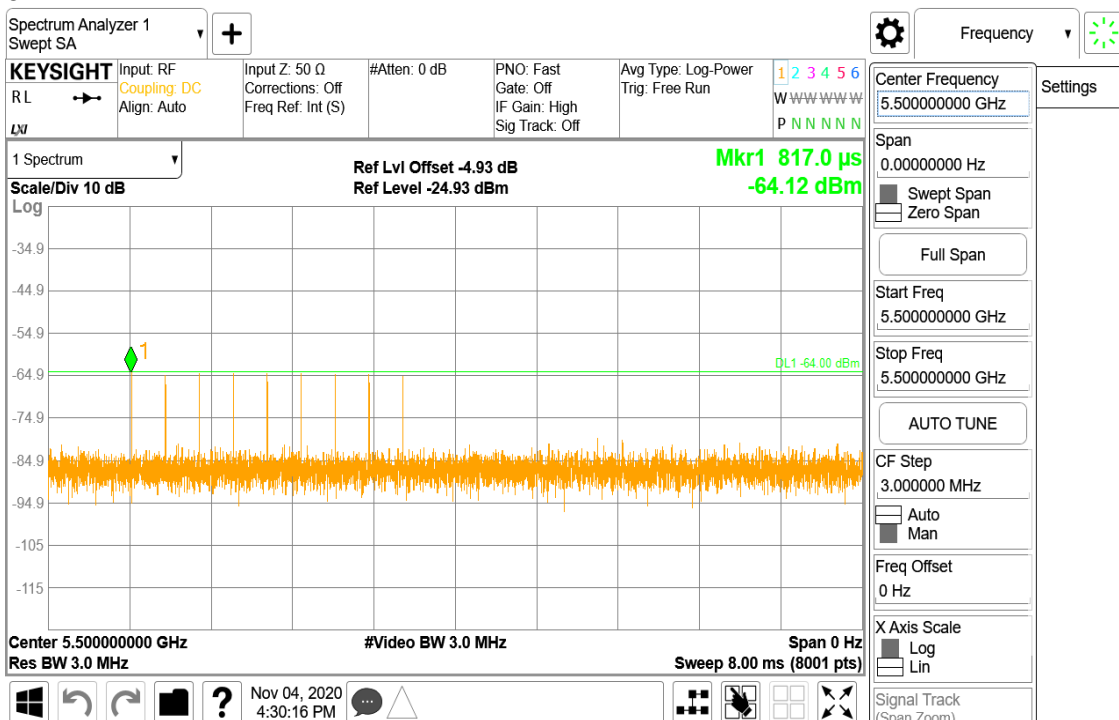
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Radar type 5



Radar type 6

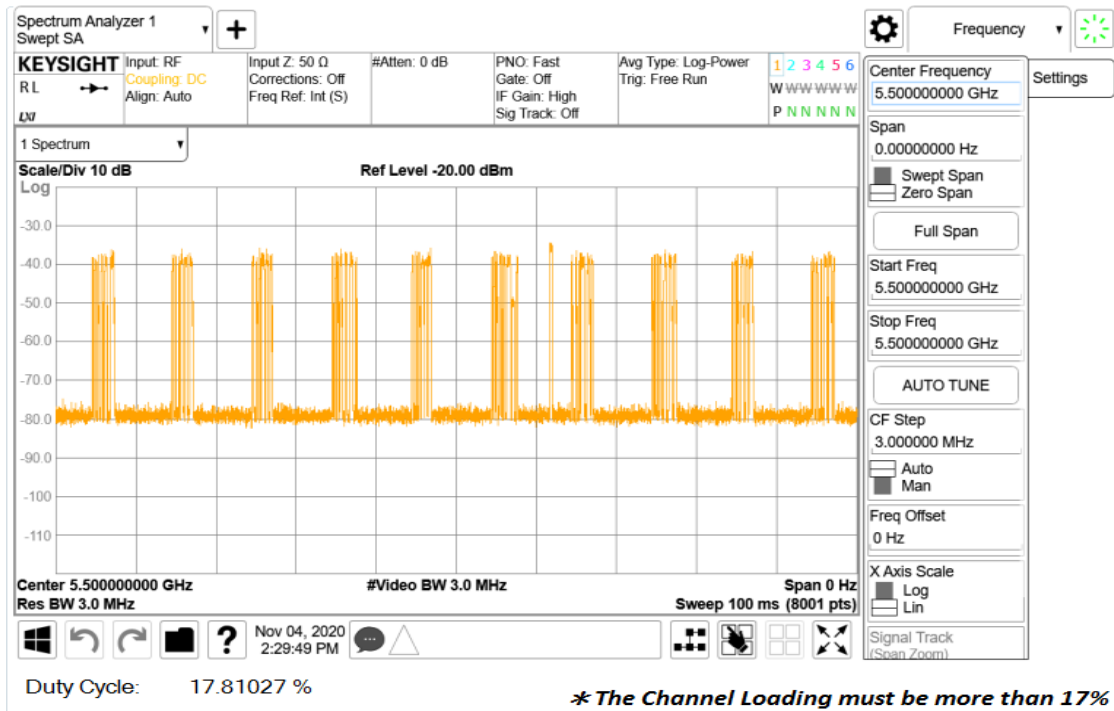


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WLAN traffic

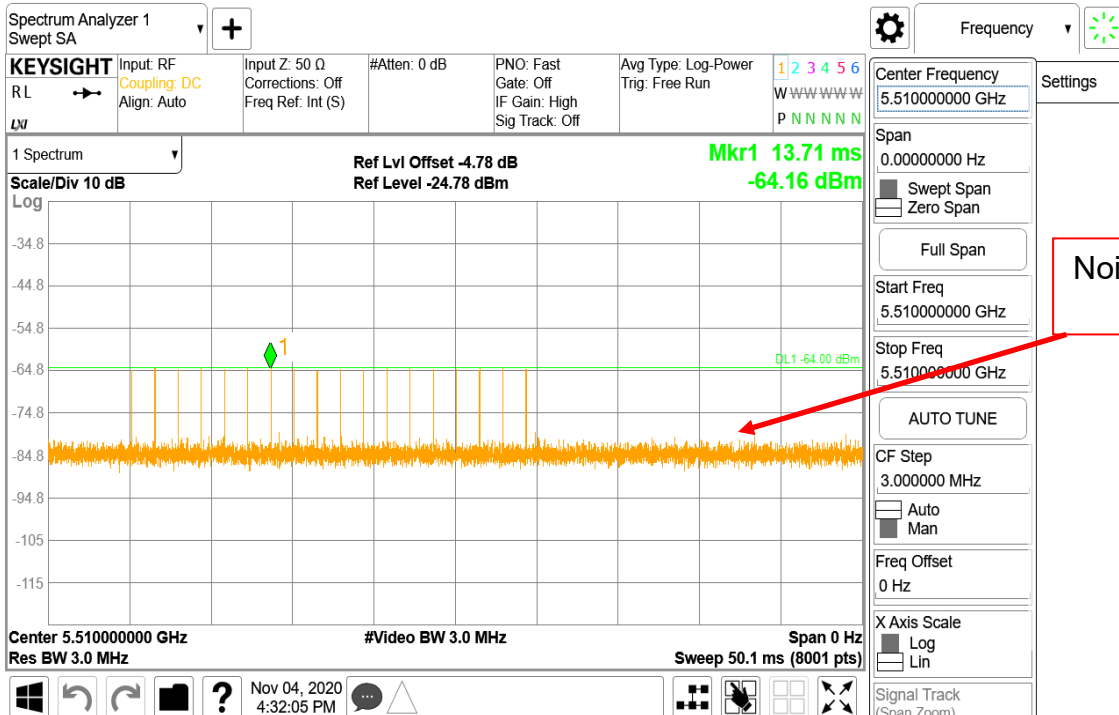


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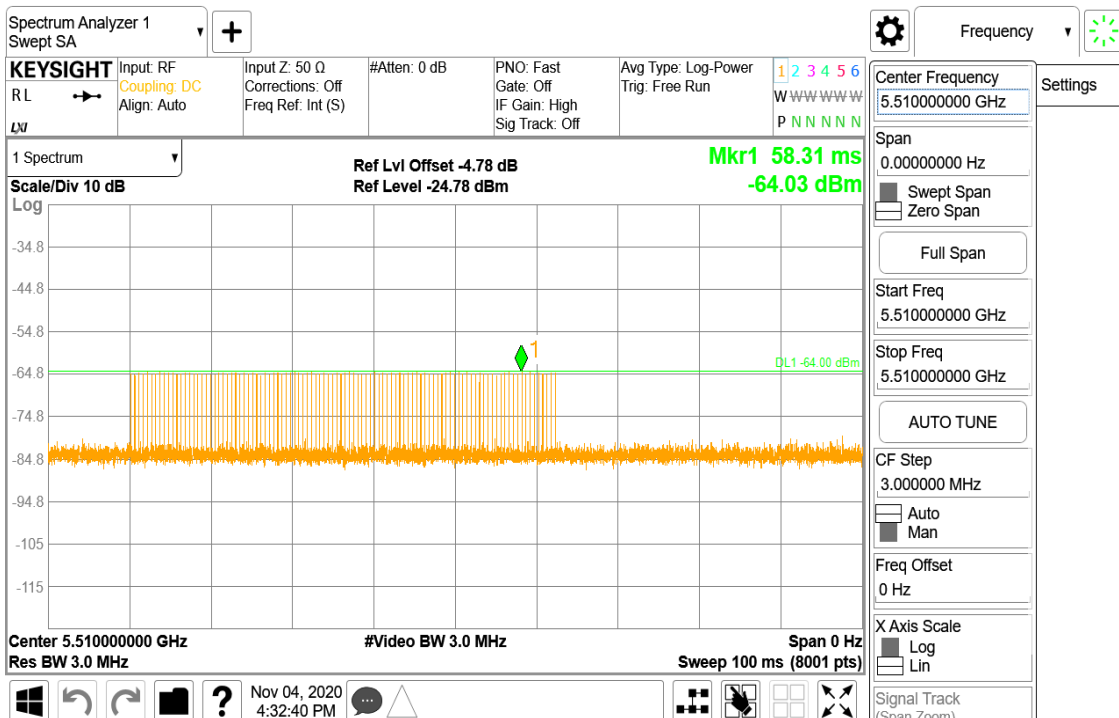
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9.2 5510MHz Radar type 0



Noise Floor

Radar type 1-A

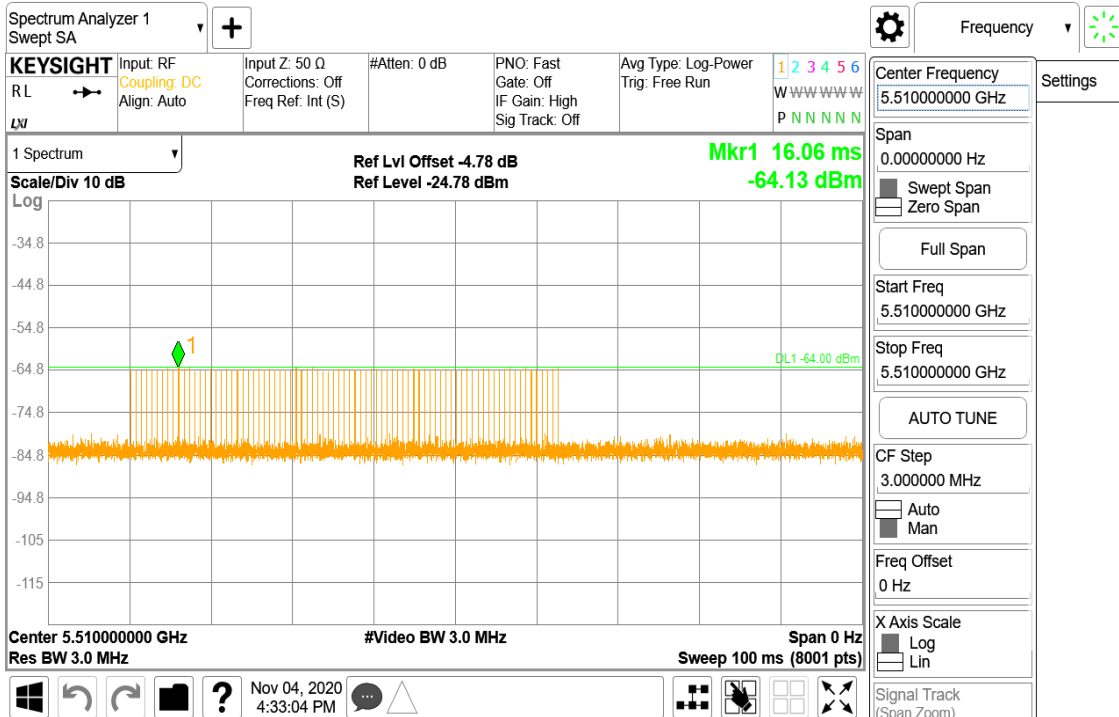


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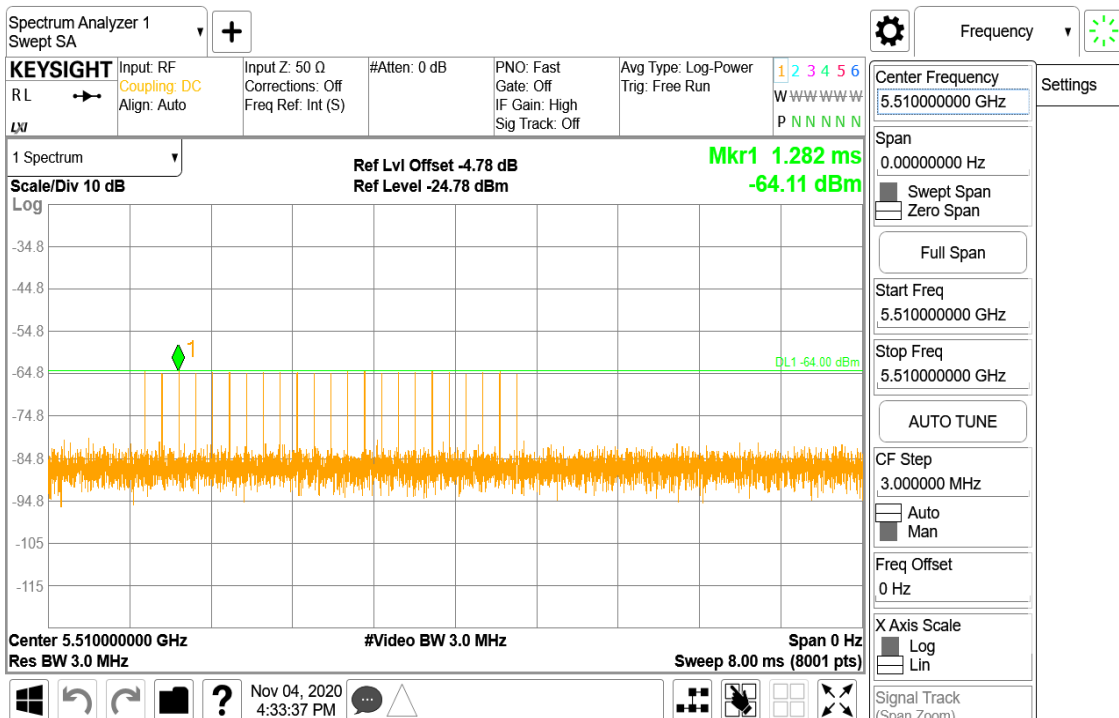
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Radar type 1-B



Radar type 2

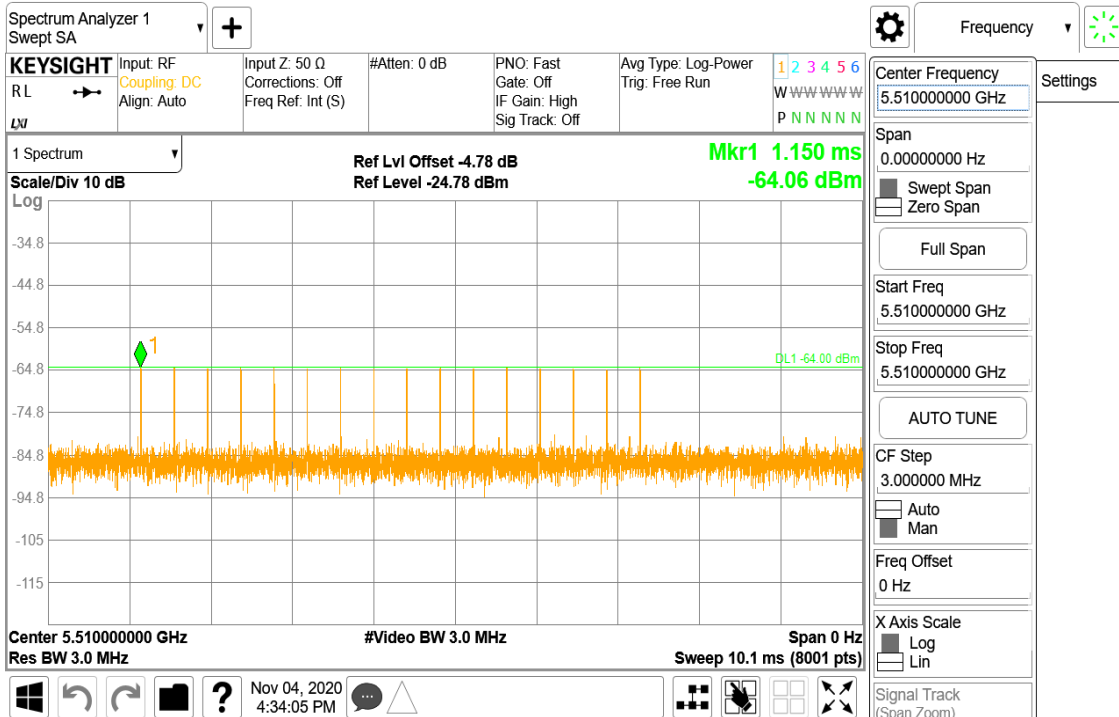


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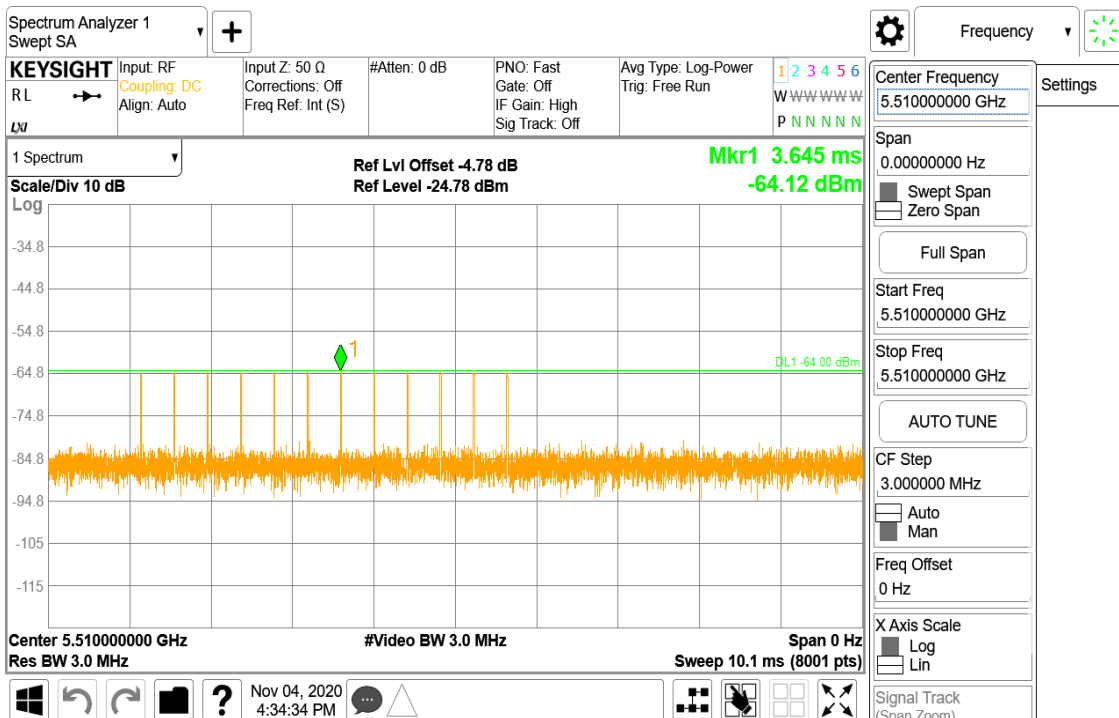
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Radar type 3



Radar type 4

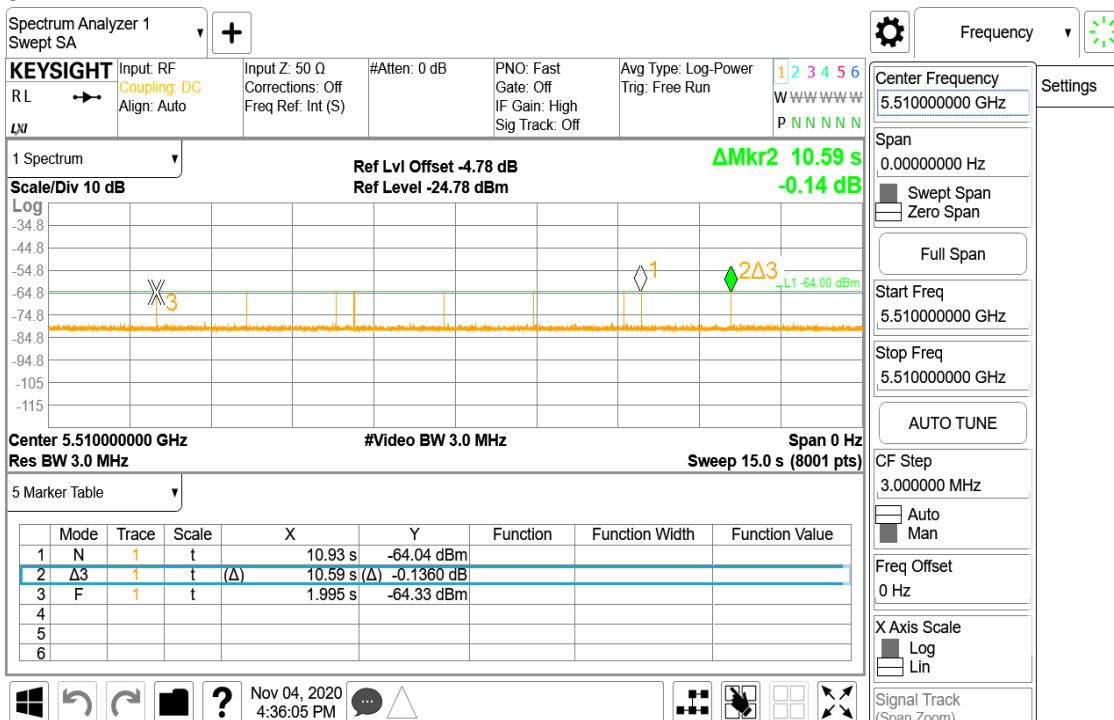


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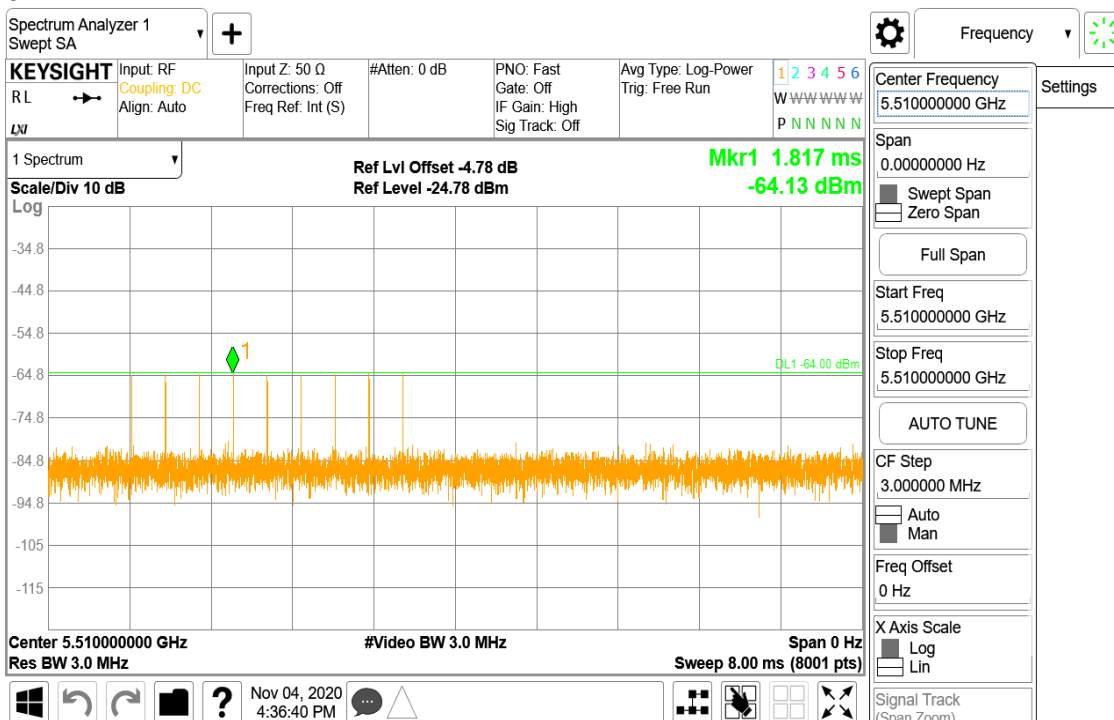
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Radar type 5



Radar type 6

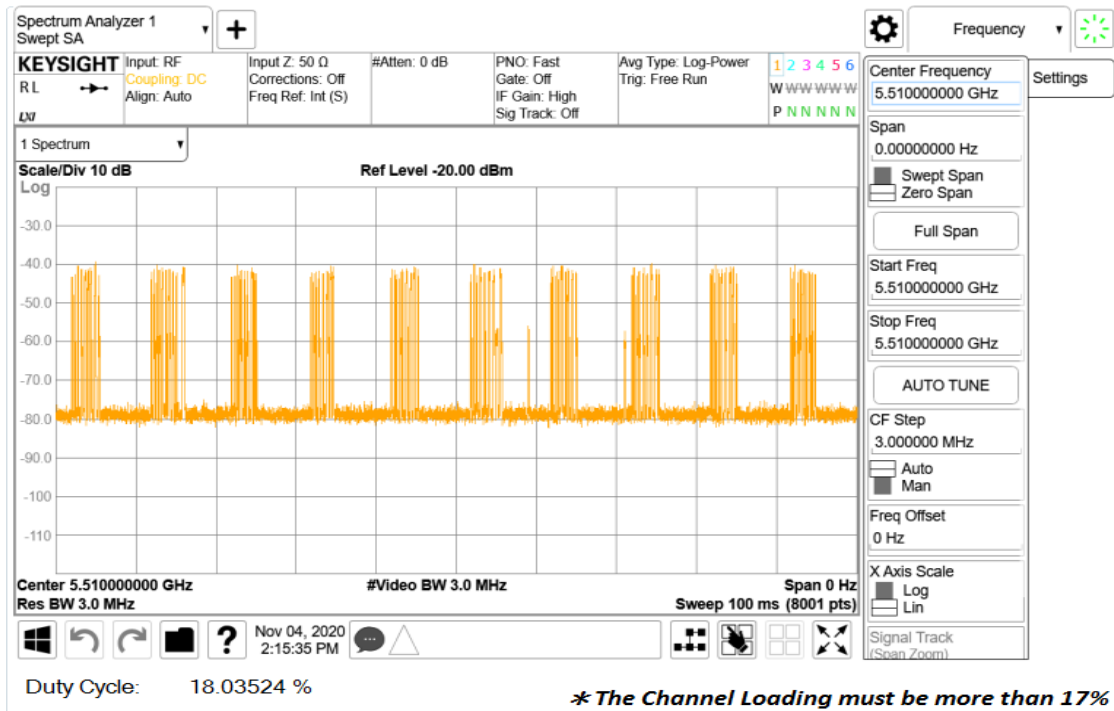


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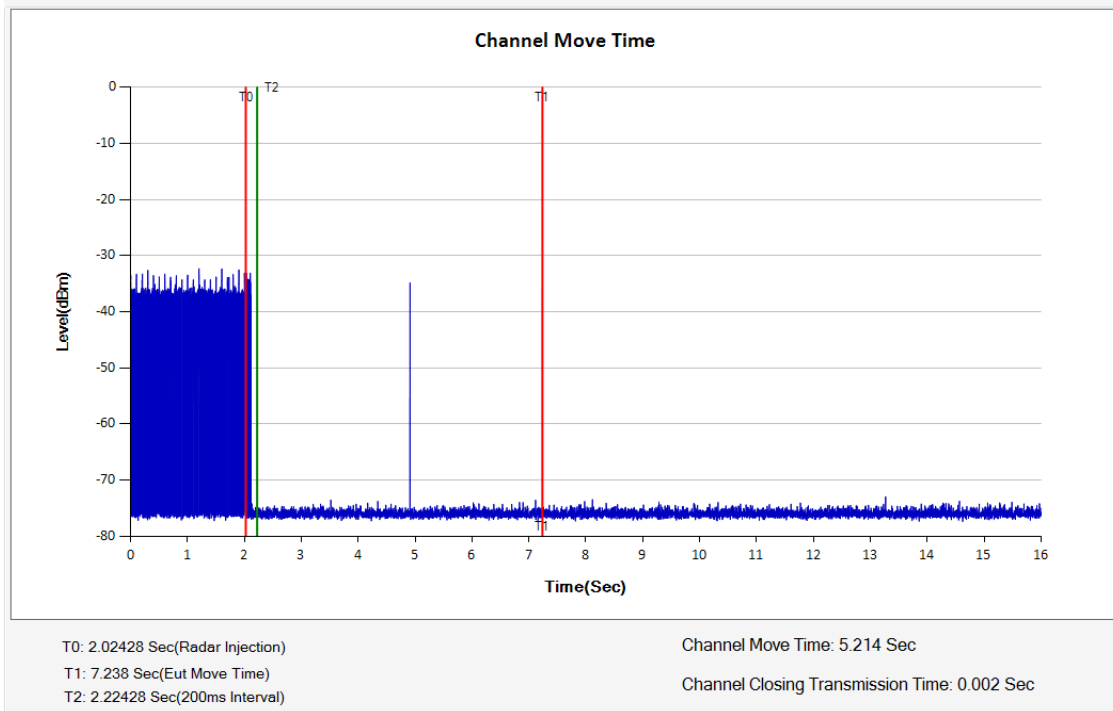
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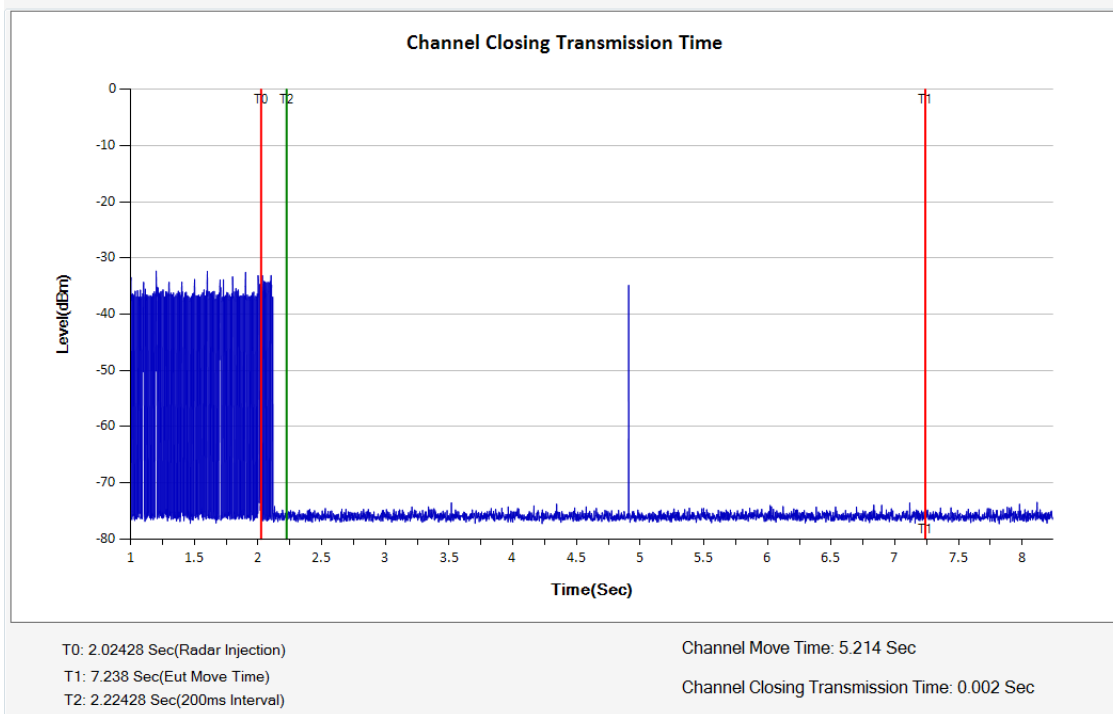
10 CHANNEL CLOSING TRANSMISSION AND CHANNEL MOVE TIME MEASUREMENT (RADAR TYPE 0)

10.15500MHz

Channel Move Time



Channel Closing Transmission Time



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台灣檢驗科技股份有限公司

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

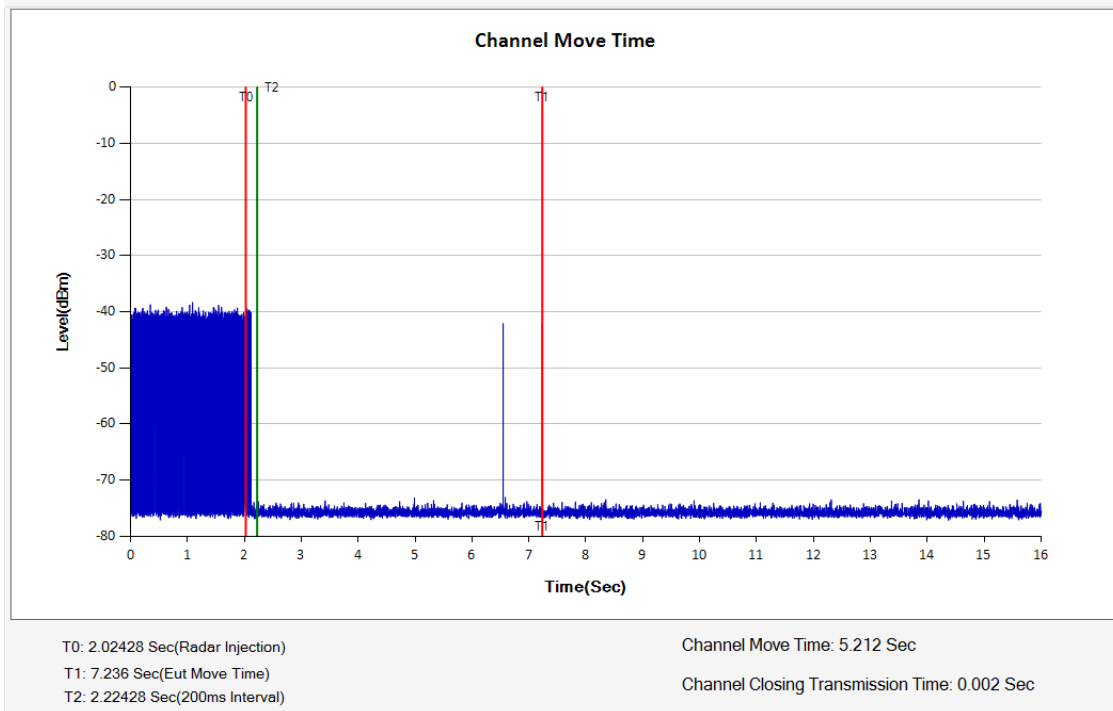
t (886-2) 2299-3279

f (886-2) 2298-0488

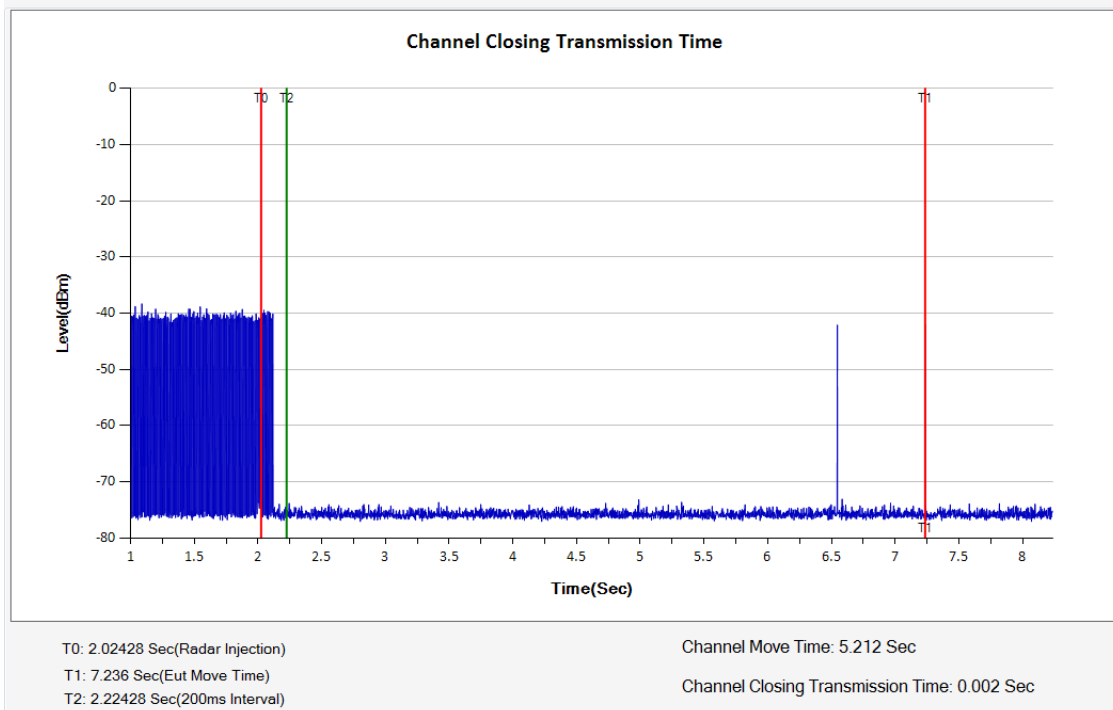
www.sgs.com.tw

Member of SGS Group

10.25510MHz Channel Move Time



Channel Closing Transmission Time



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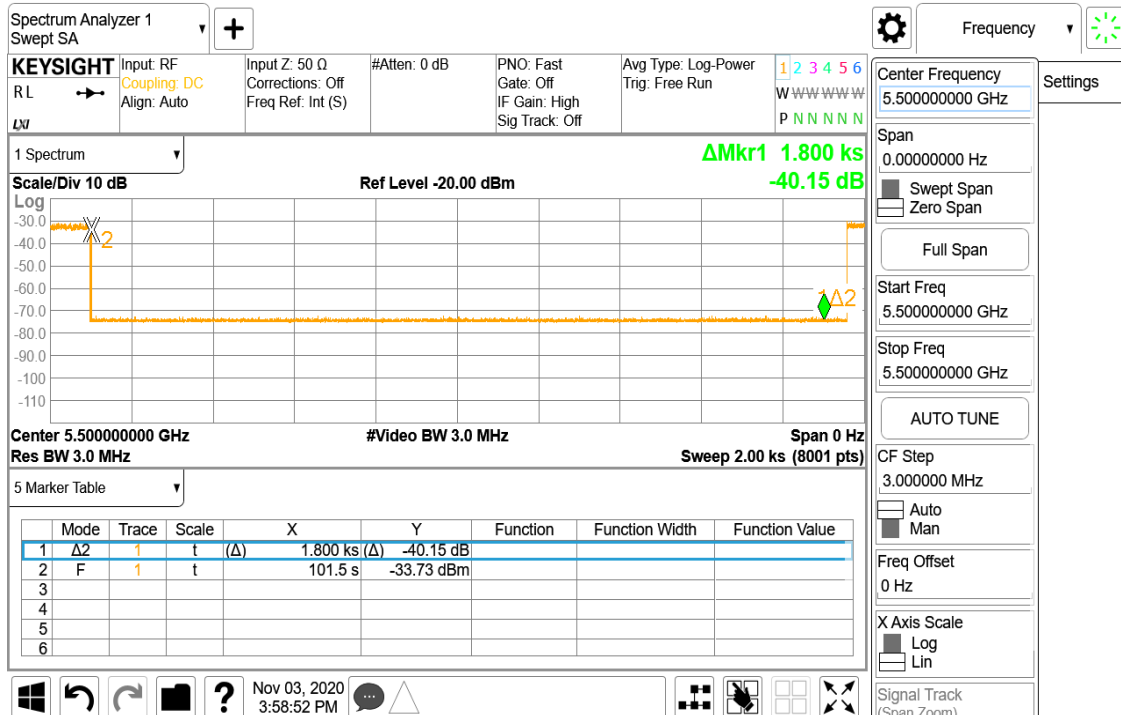
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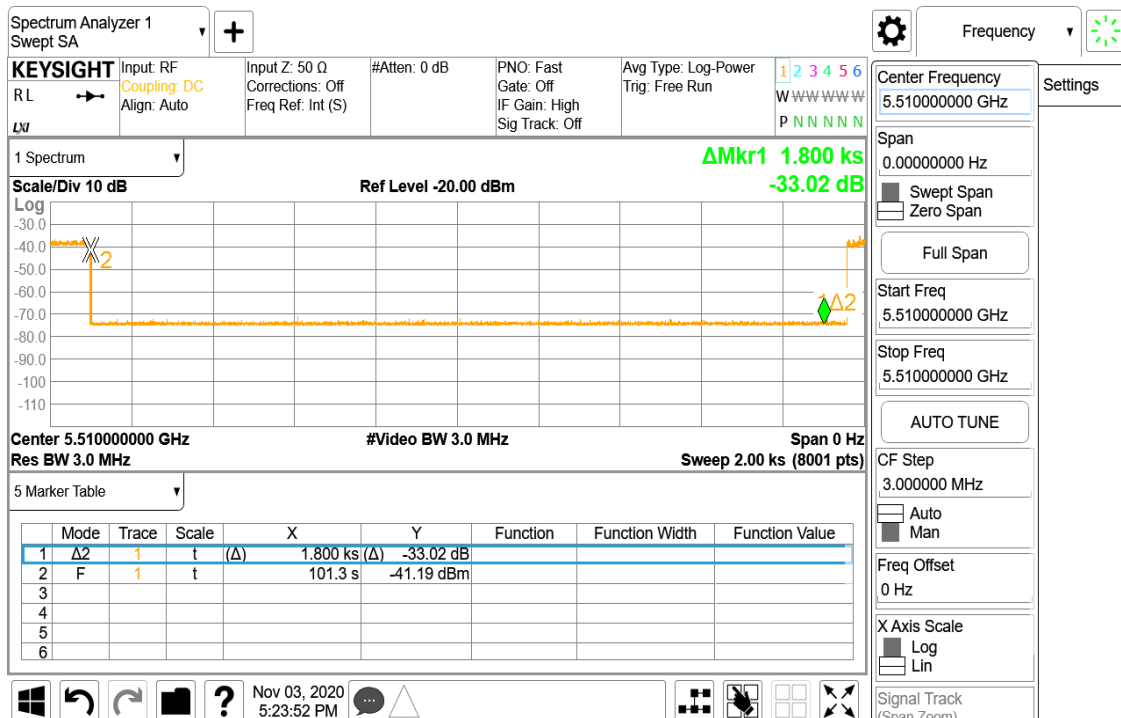
11 NON-OCCUPANCY PERIOD MEASUREMENT

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

5500MHz



5510MHz



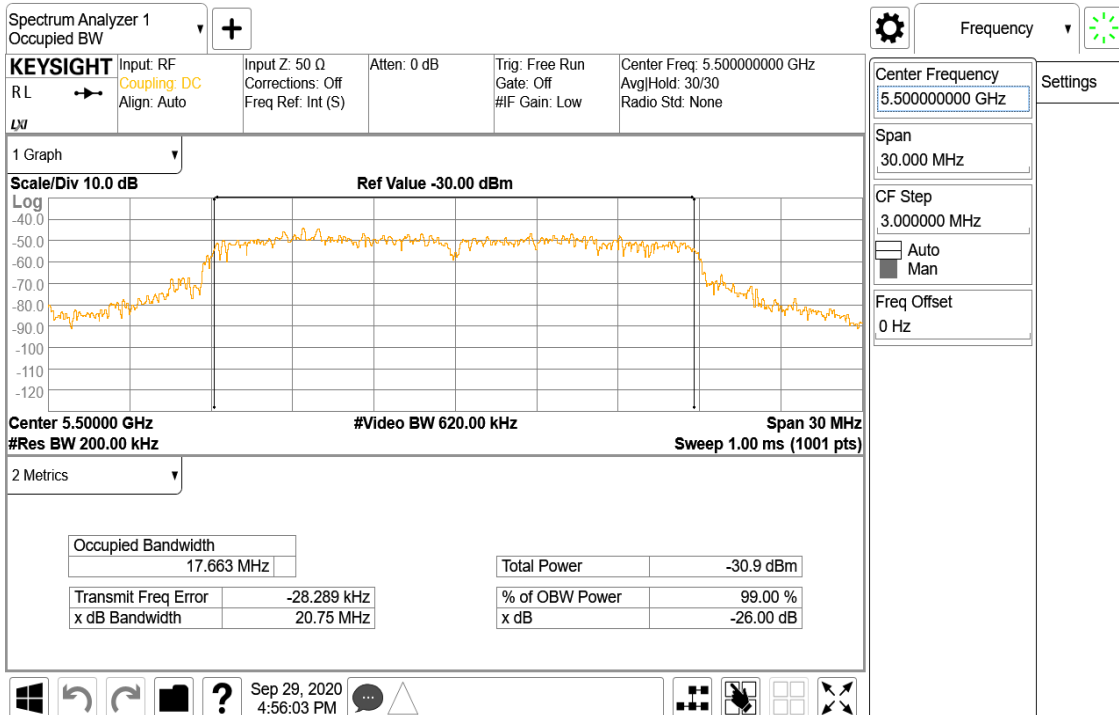
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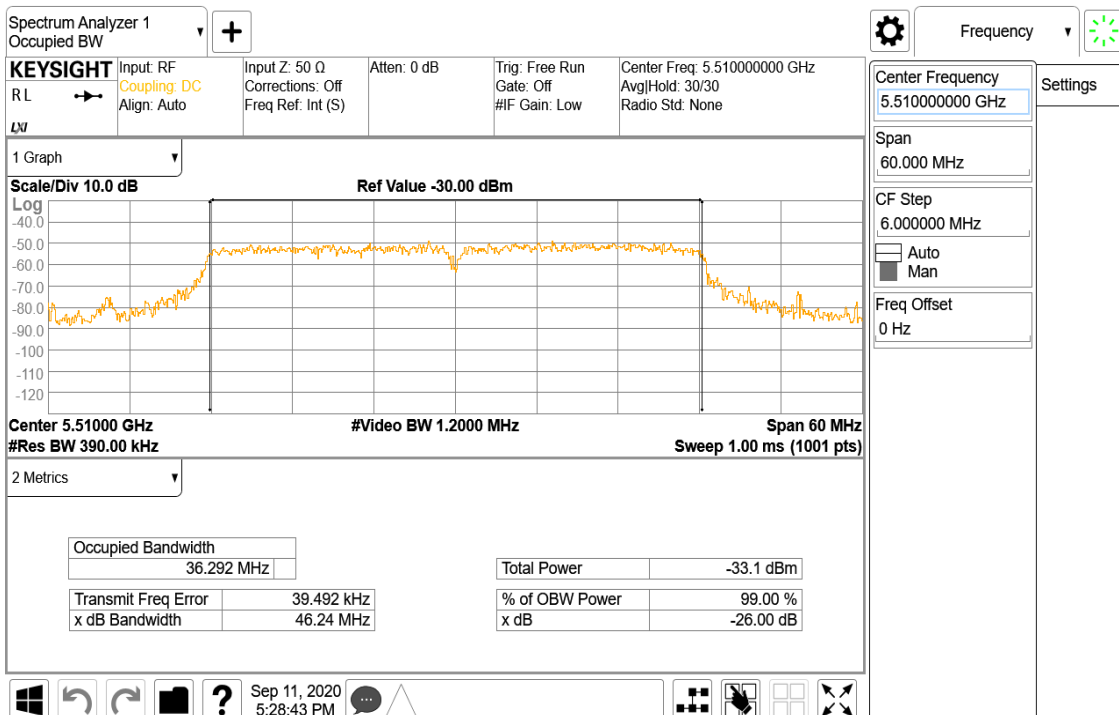
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12 UNII DETECTION BANDWIDTH MEASUREMENT

5500MHz



5510MHz



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5500MHz

EUT operating Fre- quency(MHz)	:	5500			EUT 99% Bandwidth(MHz)	:	17.663				
Radar Type	:	Radar Type 0			Detction BW(MHz)	:	20				
Test Result	:	Pass	※	FH:	5510	FL:	5490				
Radio Frequency (MHz)	DFS Detection Trials (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

5510MHz

EUT operating Frequency(MHz) : 5510 EUT 99% Bandwidth(MHz) : 36.292											
Radar Type : Radar Type 0 Detction BW(MHz) : 40											
Test Result : Pass ※ FH: 5530 FL: 5490											
Radio Frequency (MHz)	DFS Detection Trials (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

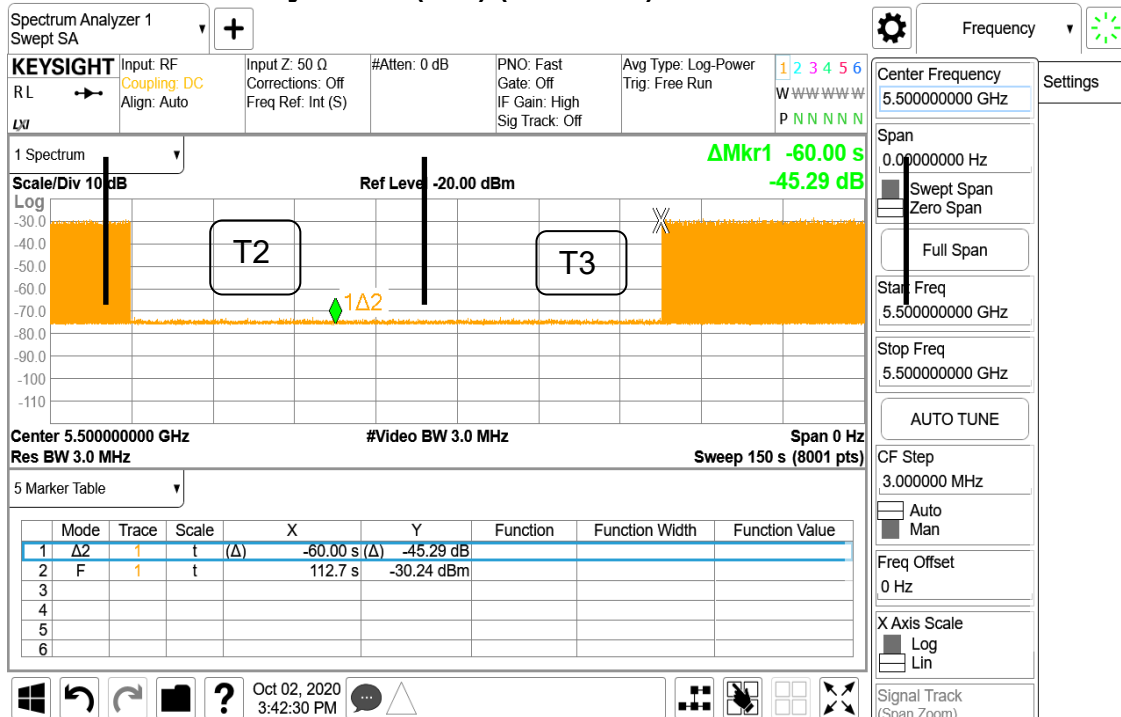
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13 CHANNEL AVAILABILITY CHECK MEASUREMENT

The time of channel availability check (60s) (5500MHz)



T2 represents the channel availability time.

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台灣檢驗科技股份有限公司

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

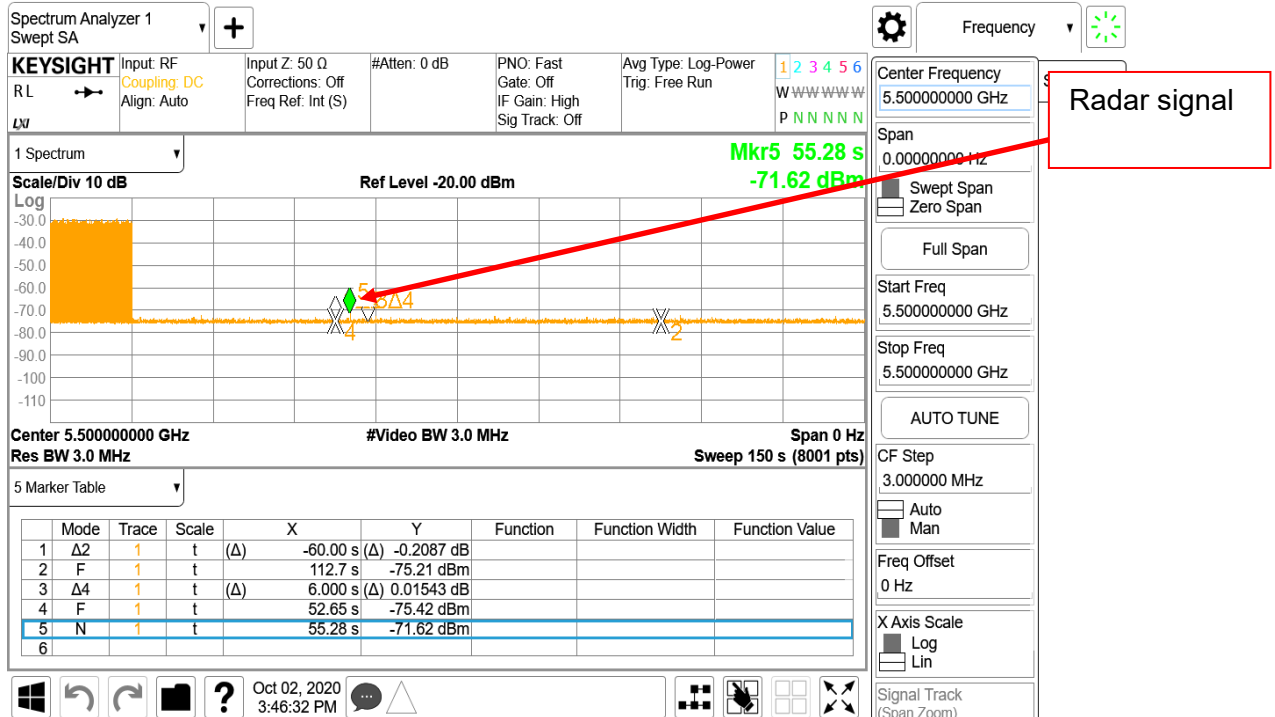
t (886-2) 2299-3279

f (886-2) 2298-0488

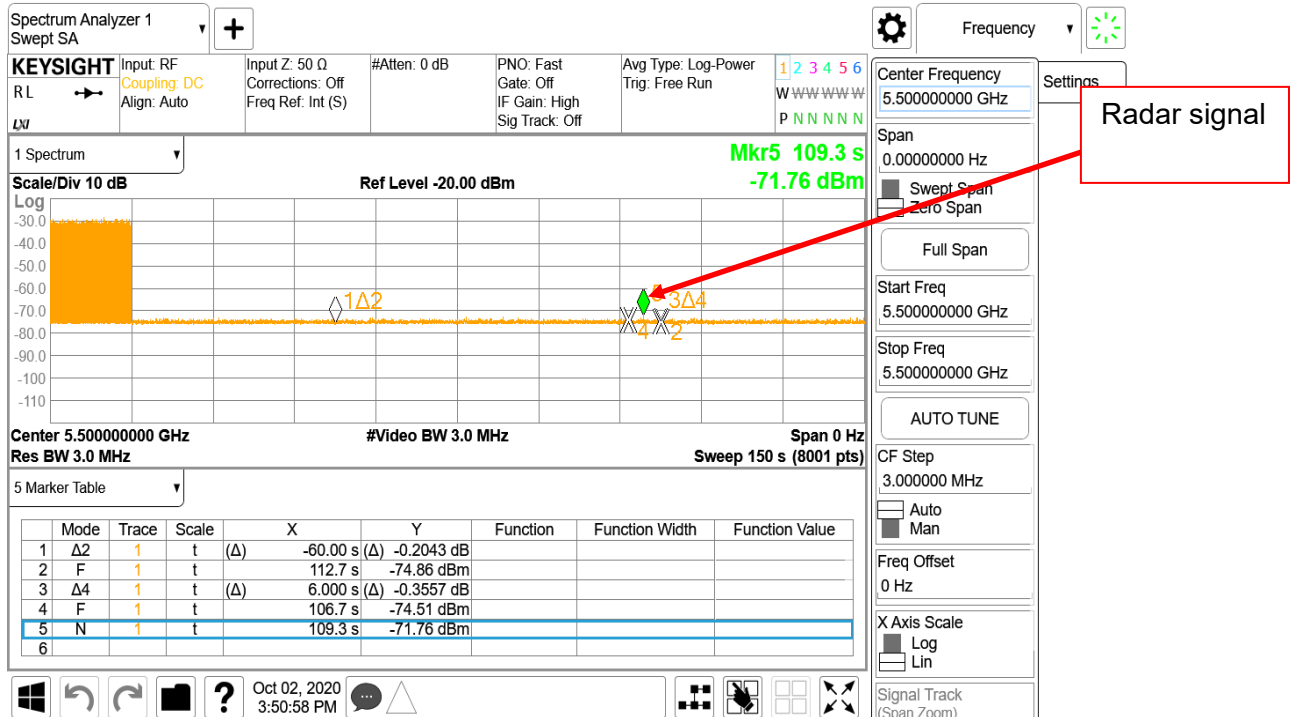
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Member of SGS Group

Radar type 0 for 5500:



Radar type 0 for 5500:

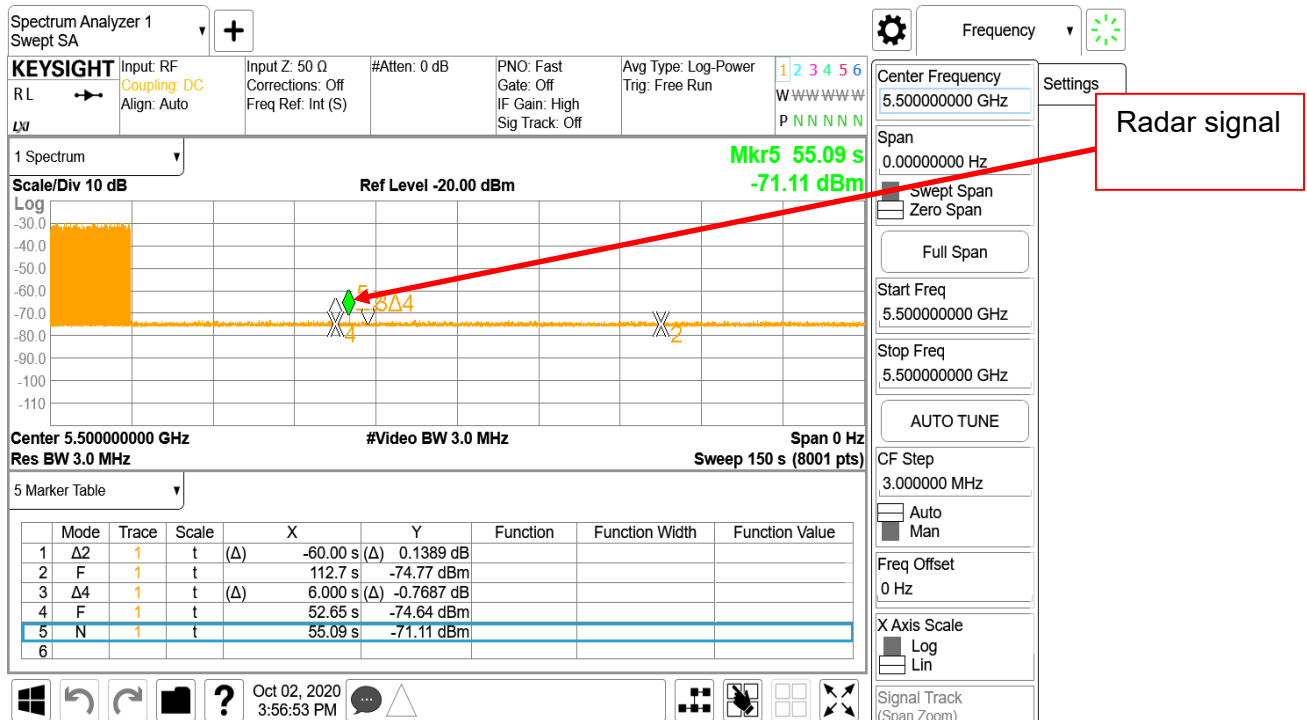


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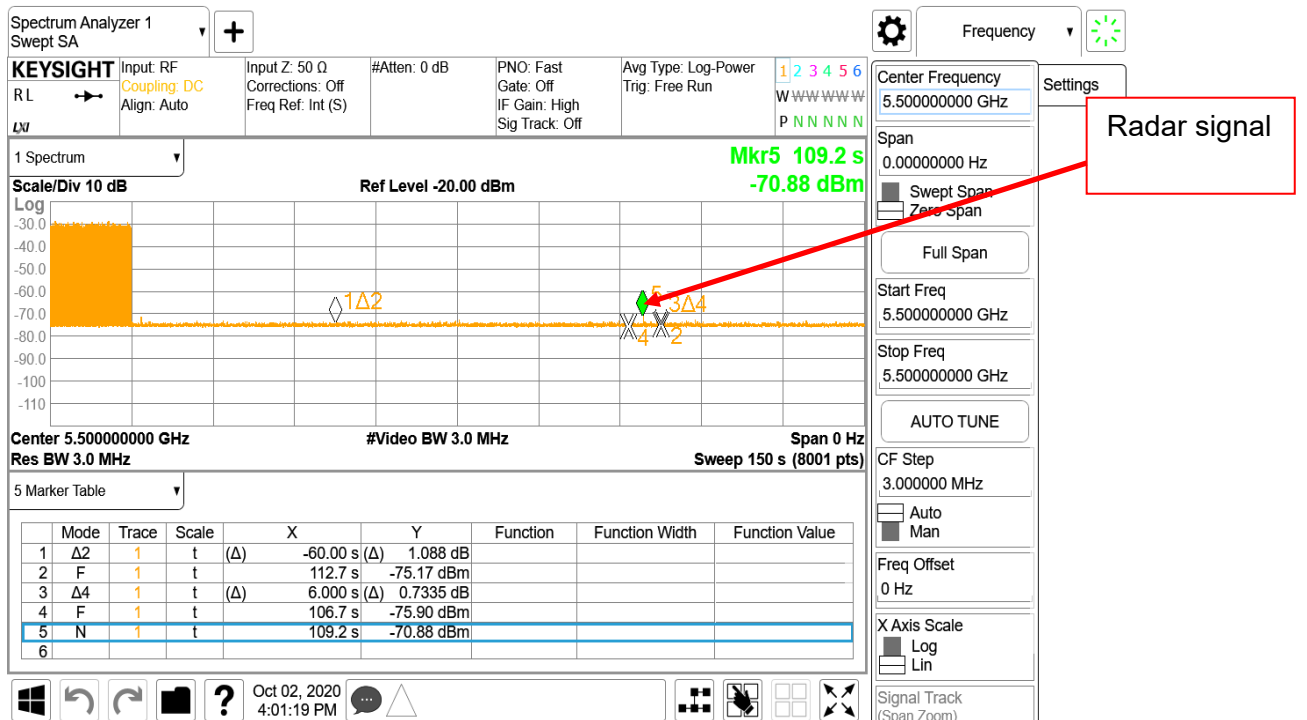
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Radar type 1 for 5500:



Radar type 1 for 5500:

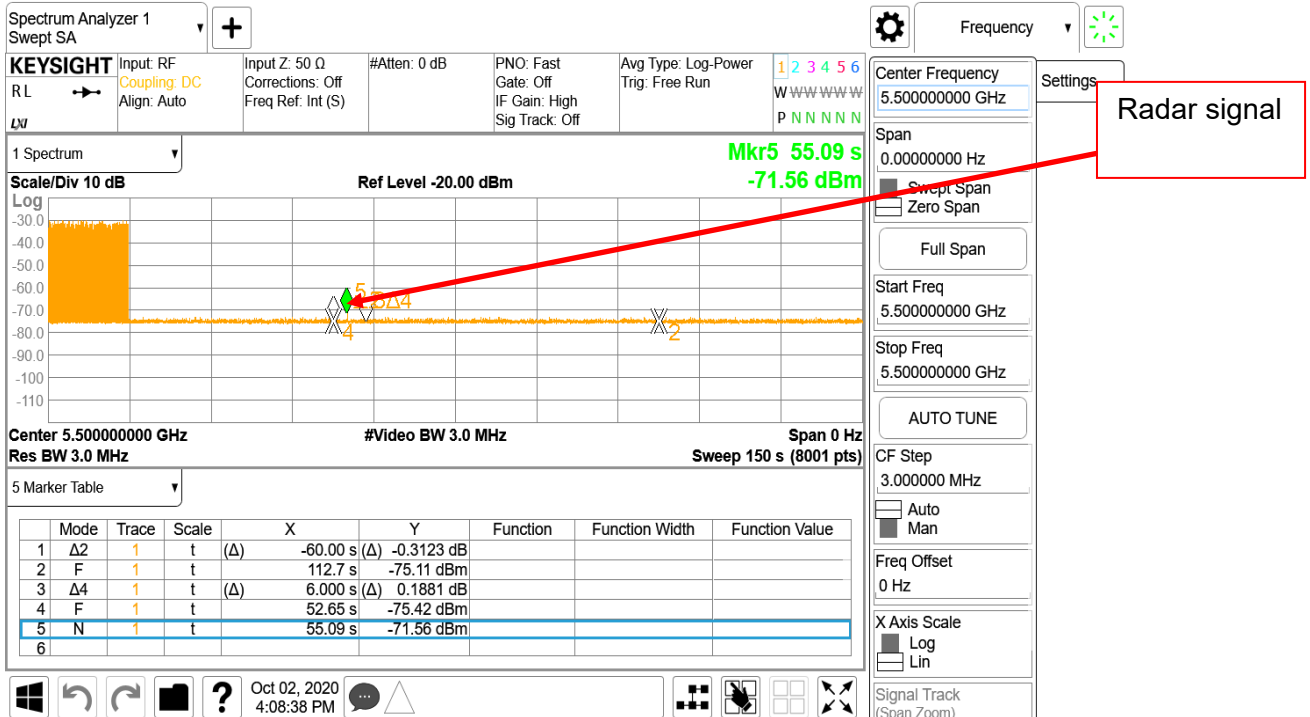


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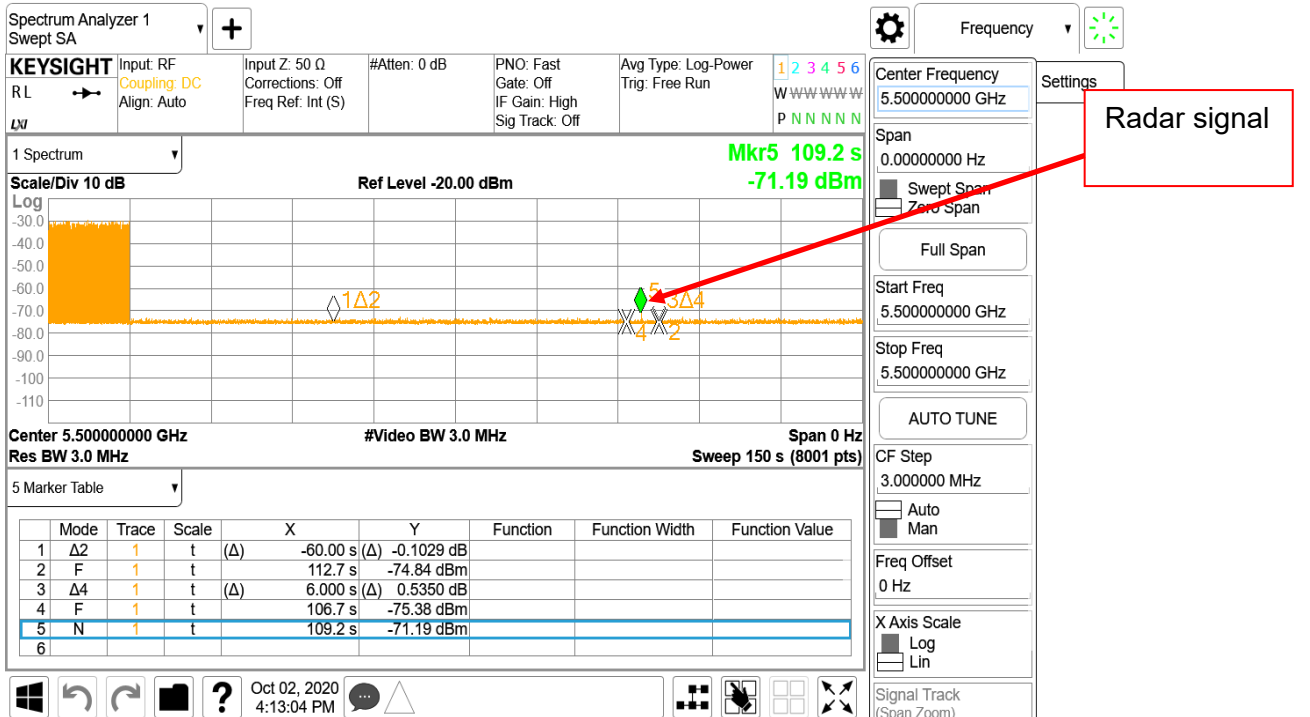
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Radar type 2 for 5500:



Radar type 2 for 5500:

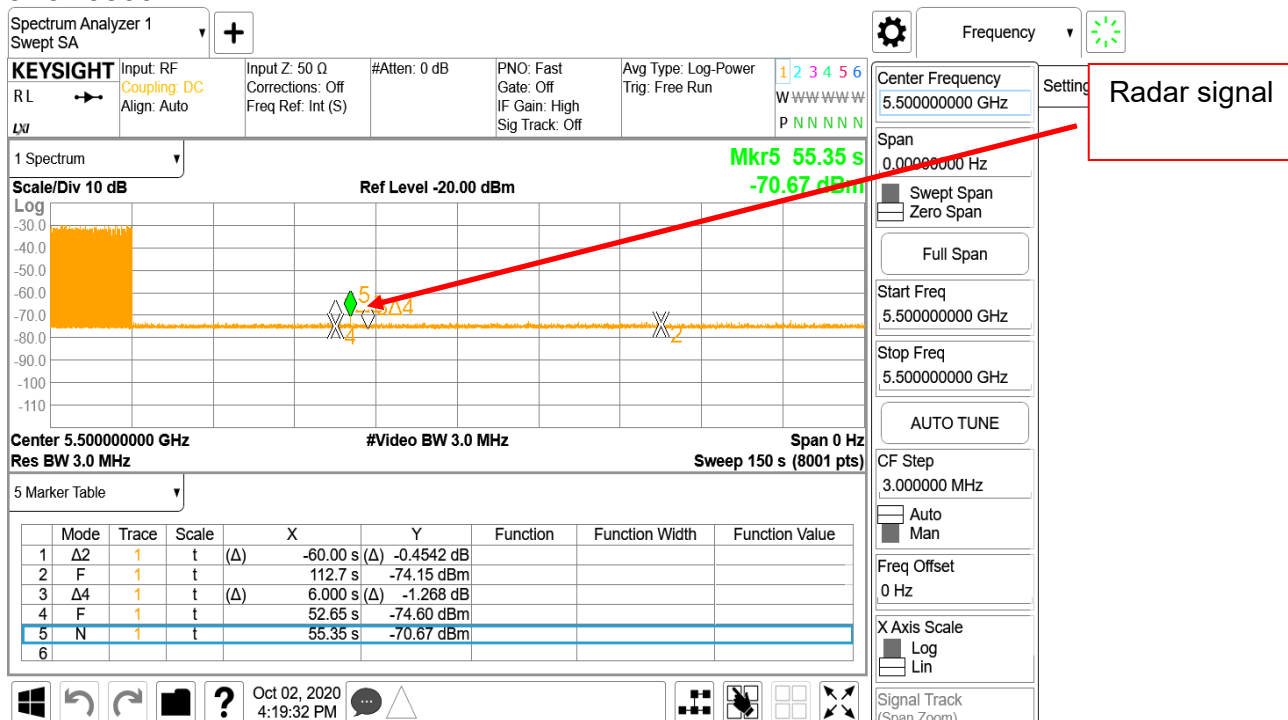


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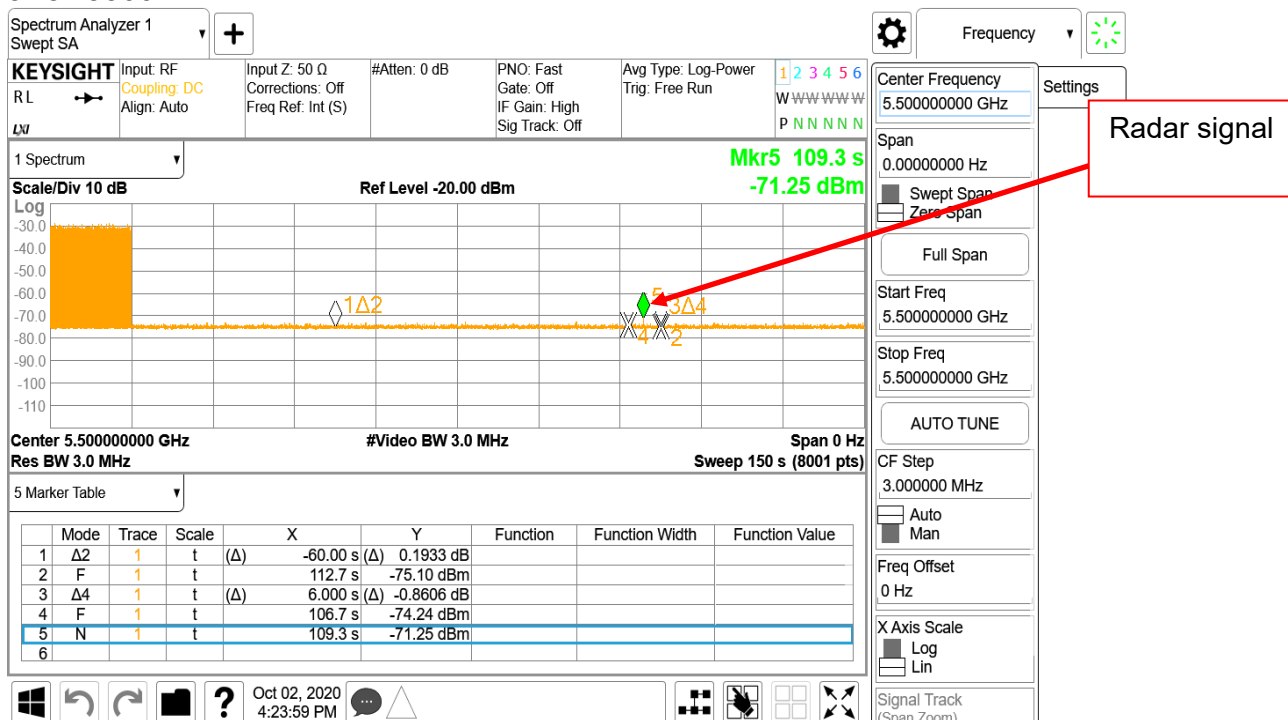
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Radar type 3 for 5500:



Radar type 3 for 5500:

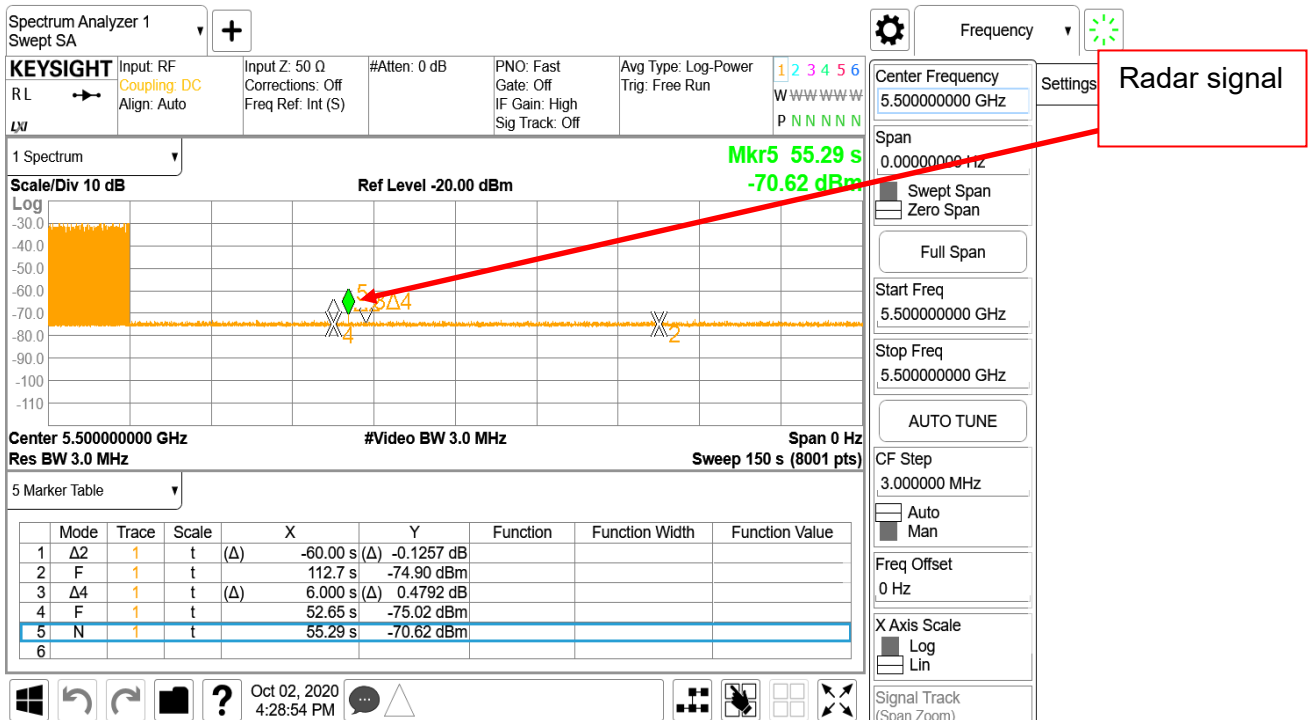


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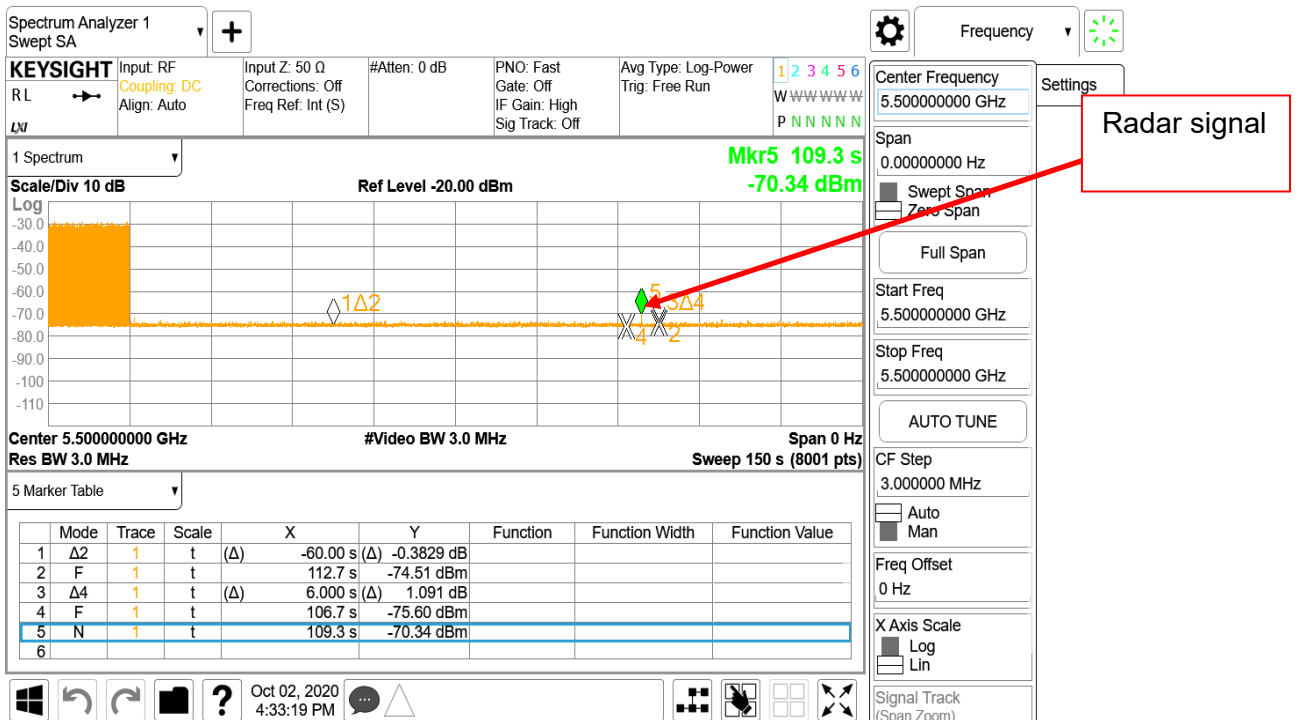
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Radar type 4 for 5500:



Radar type 4 for 5500:

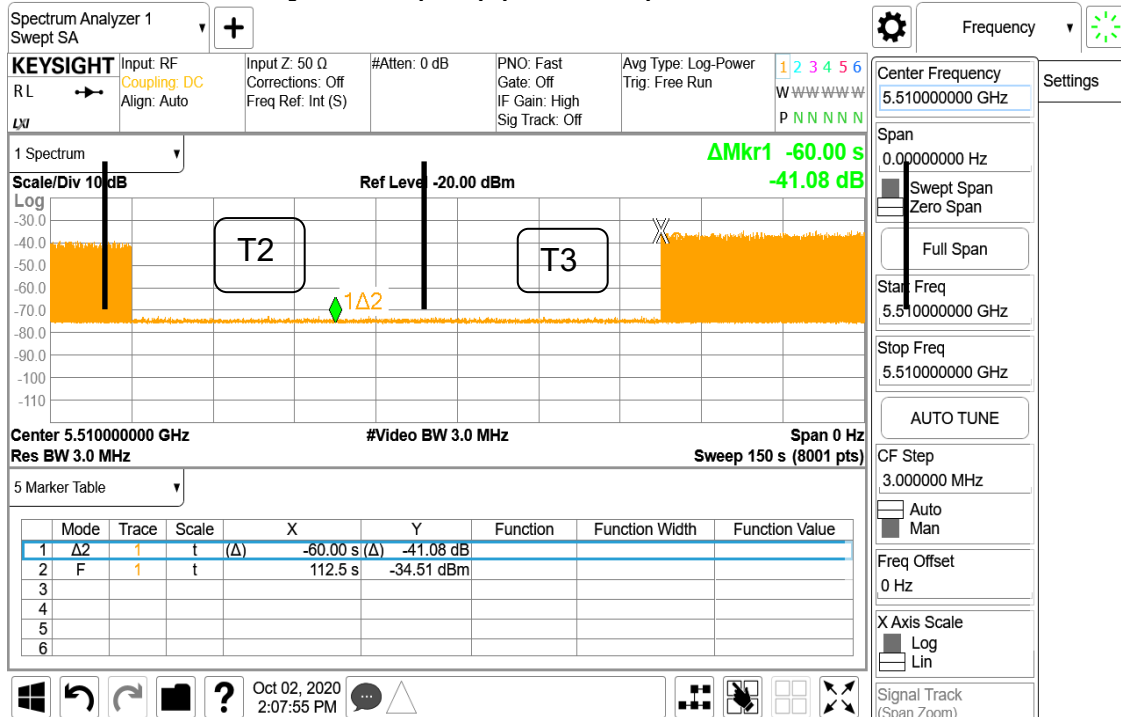


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The time of channel availability check (60s) (5510MHz)



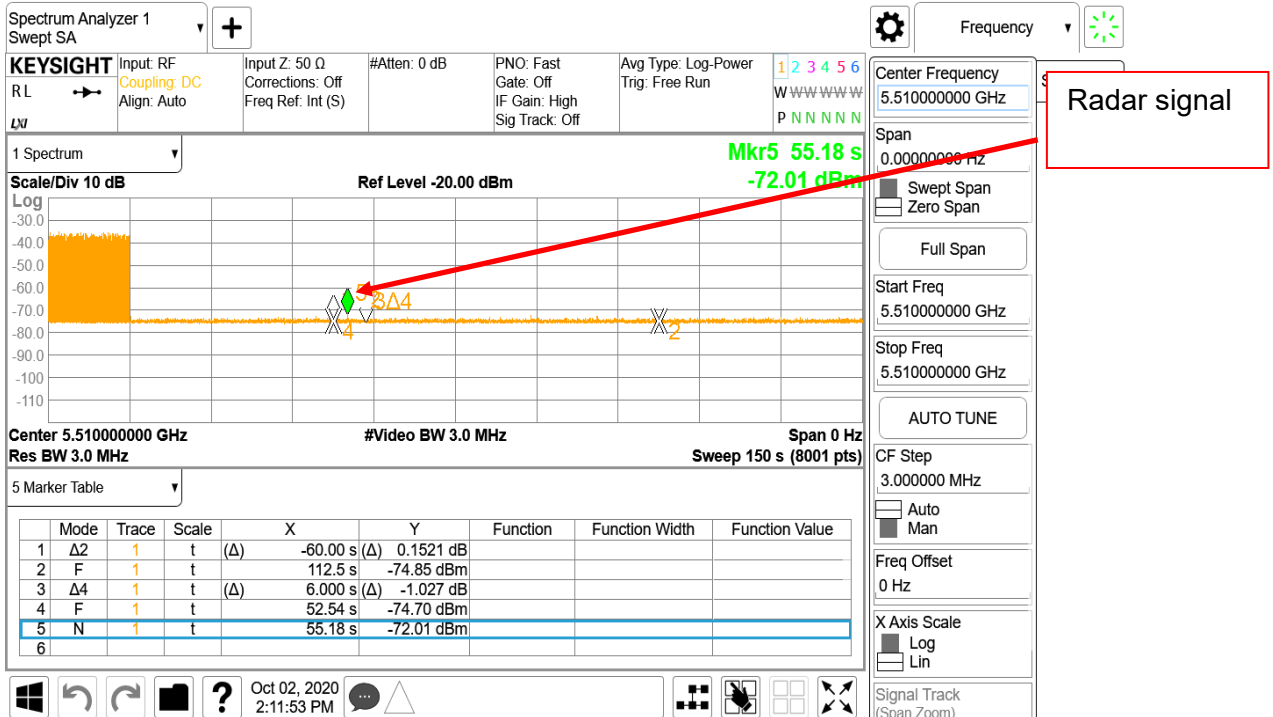
T2 represents the channel availability time.

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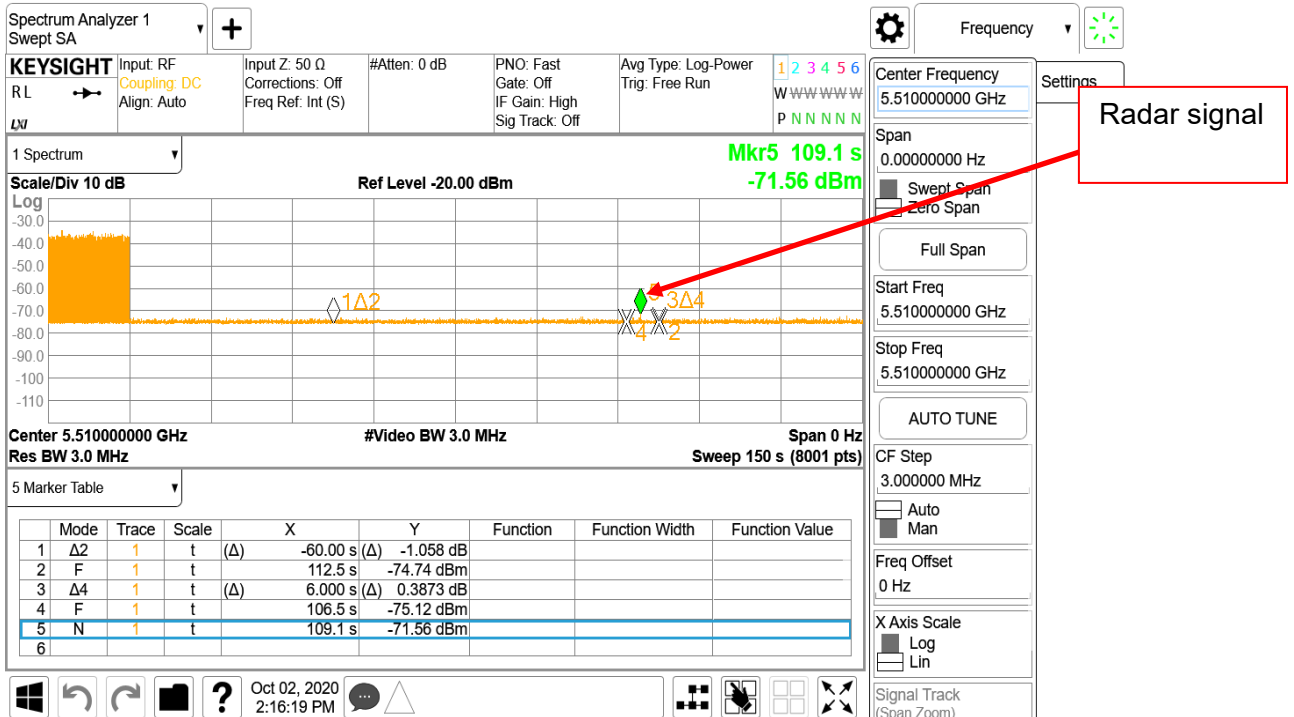
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Radar type 0 for 5510:



Radar type 0 for 5510:

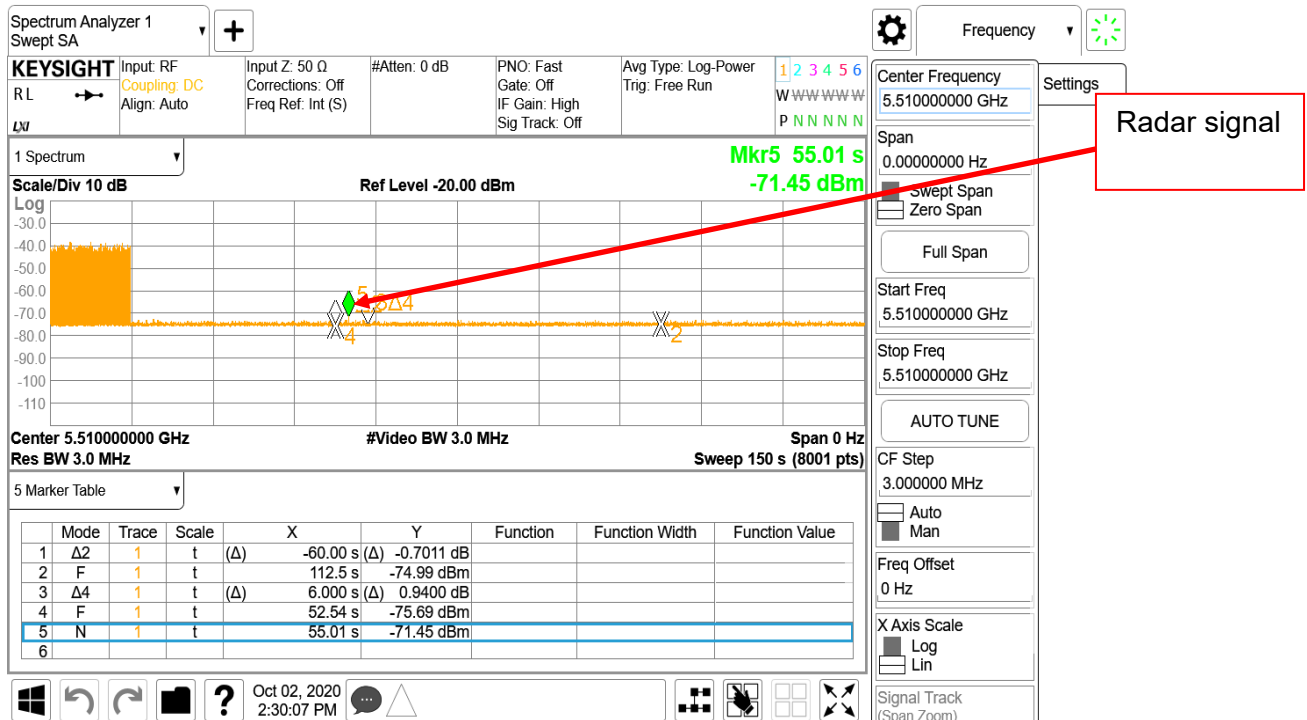


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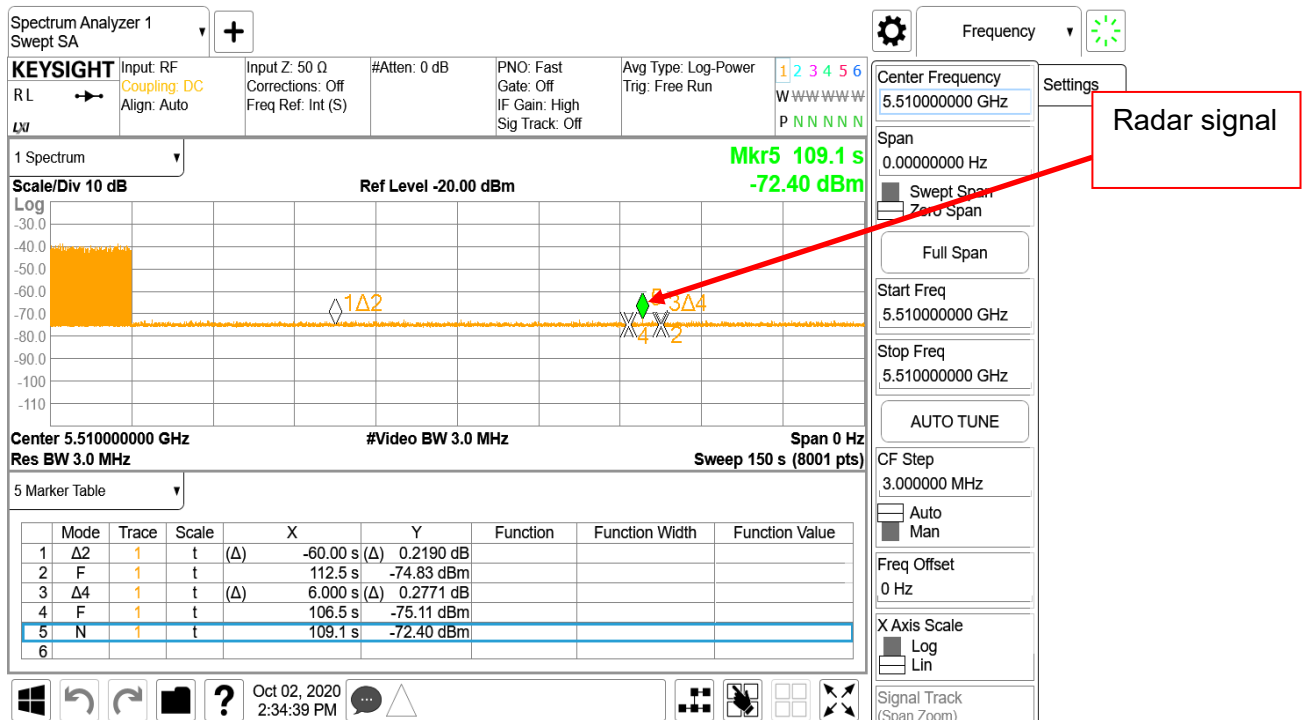
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Radar type 1 for 5510:



Radar type 1 for 5510:

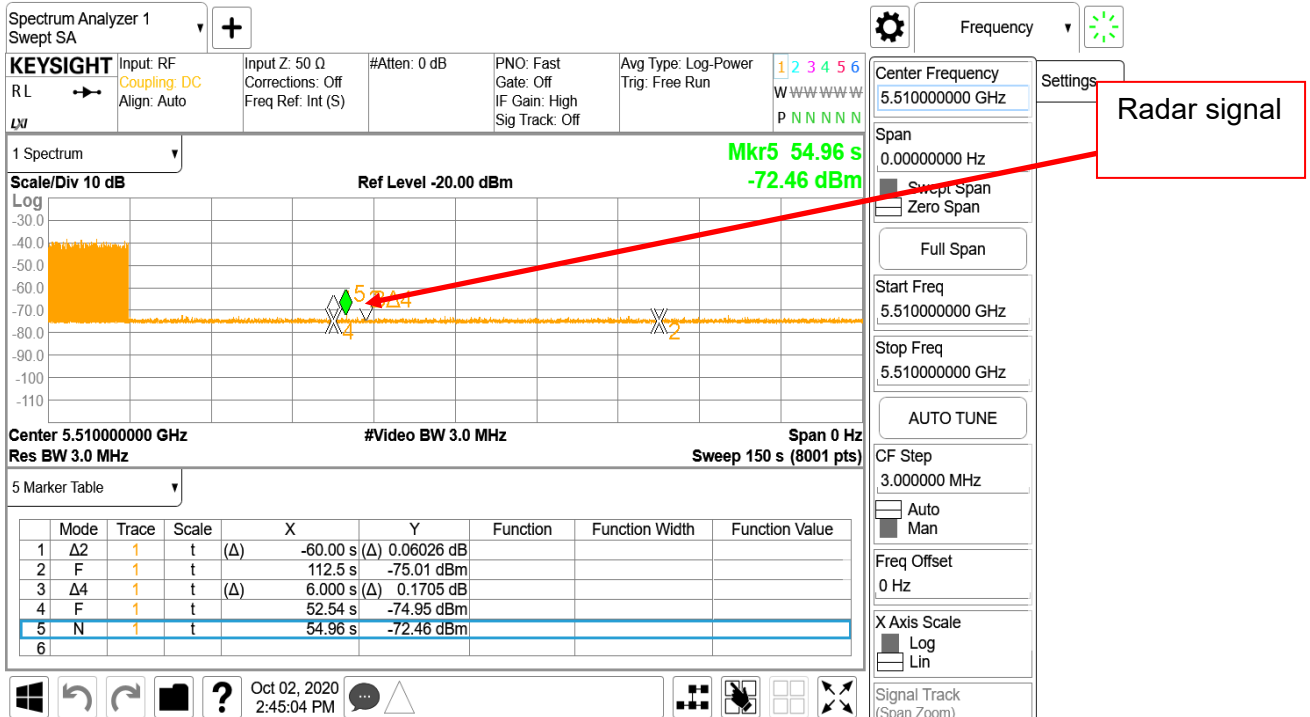


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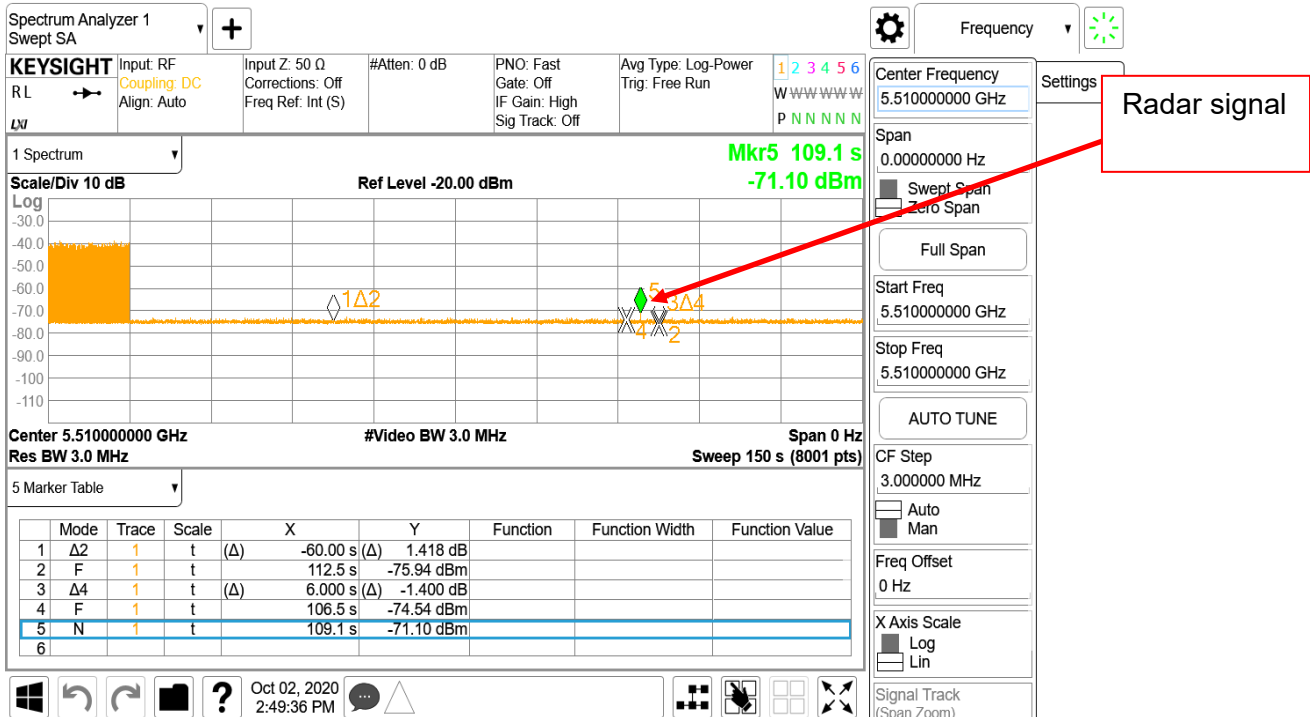
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Radar type 2 for 5510:



Radar type 2 for 5510:

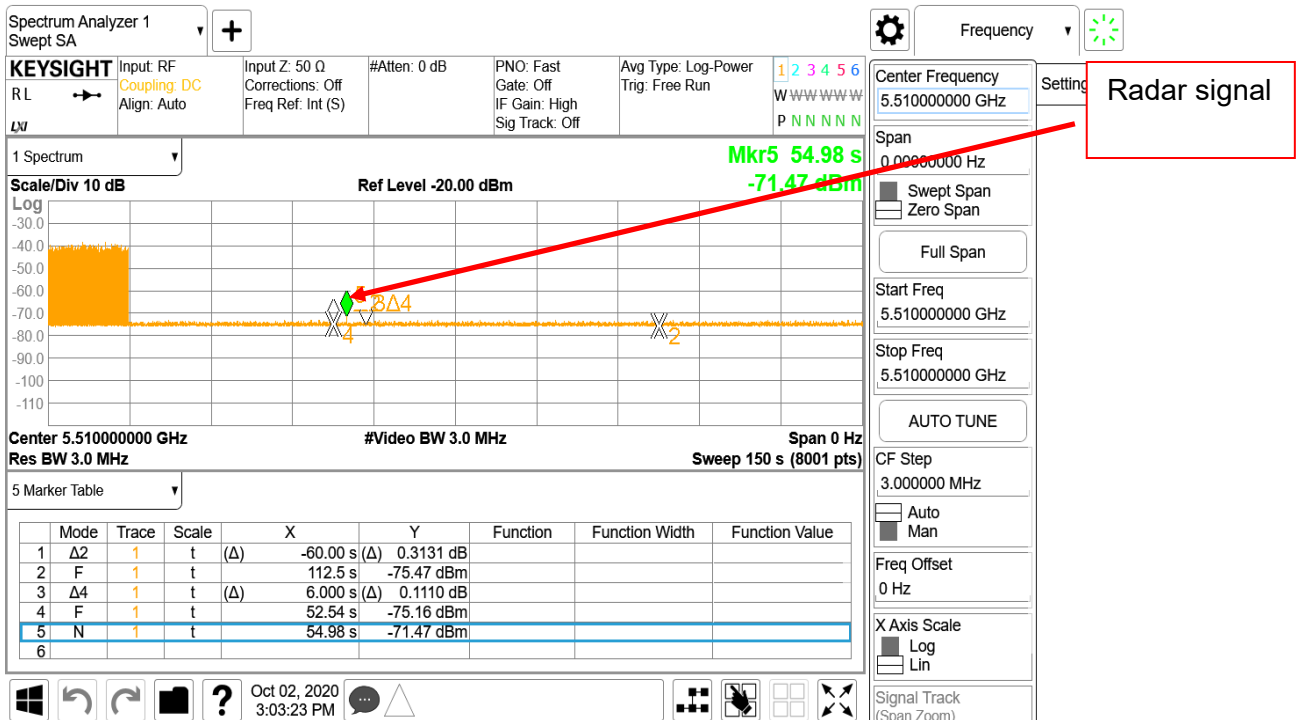


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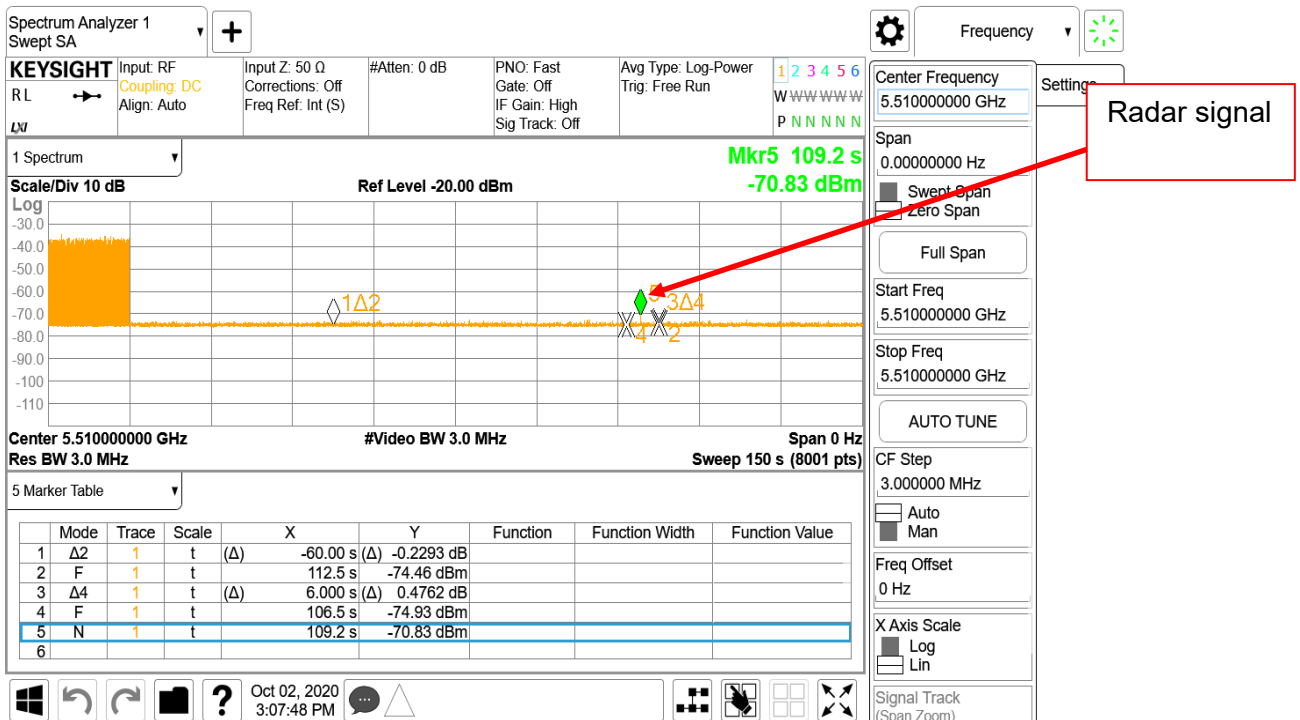
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Radar type 3 for 5510:



Radar type 3 for 5510:

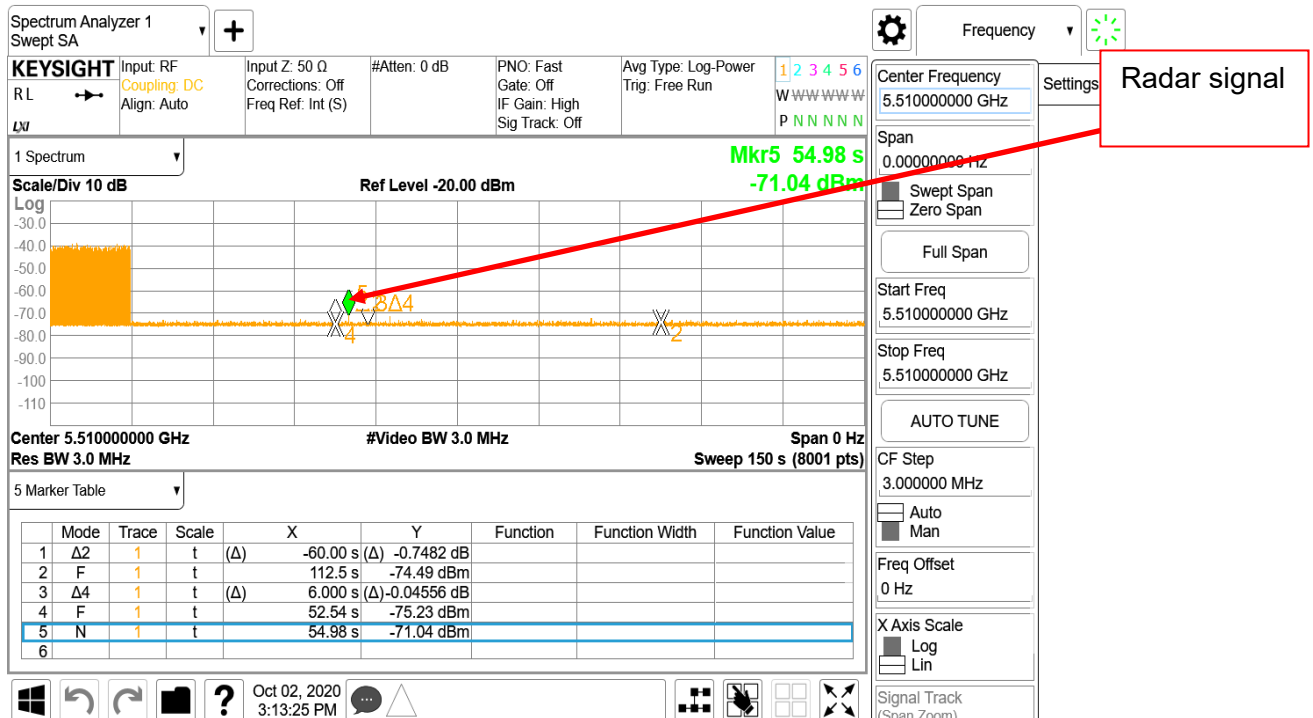


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

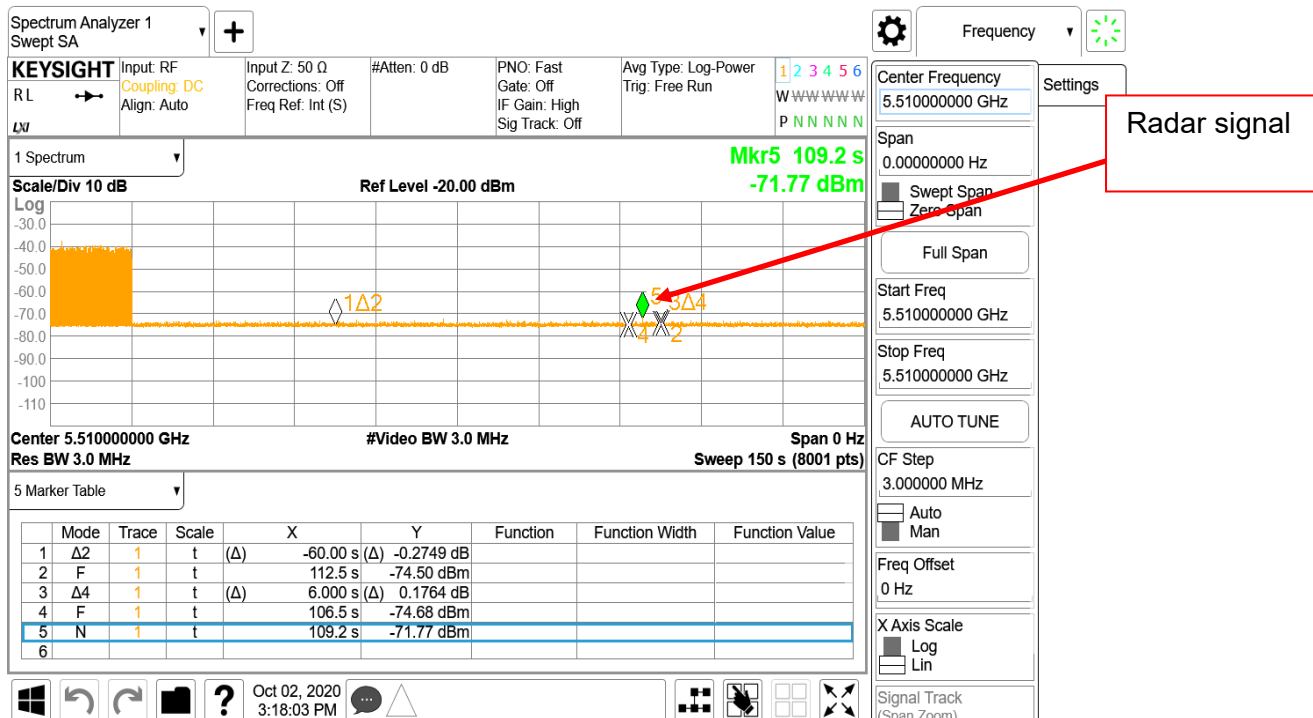
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Radar type 4 for 5510:



Radar type 4 for 5510:



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14 IN-SERVICE MONITORING:

5500 MHz:

Short Pulse Radar Type	Minimum Number of Trials	Detection(%)		Minmum Percentage of Successful Detection(%)	Pass/Fail
1	30	100		60	Pass
2	30	96.67		60	Pass
3	30	96.67		60	Pass
4	30	93.33		60	Pass
Aggregate (Radar Types 1-4)	120	96.6675		80	Pass
Long Pulse Radar Type	Minimum Number of Trials	Each Detection(%)	Total Detection(%)	Minmum Percentage of Successful Detection(%)	Pass/Fail
5	Center:10	100	100	80	Pass
	Low Edge:10	100			
	High Edge:10	100			
Frequency Hopping Radar Type	Minimum Number of Trials	Detection(%)		Minmum Percentage of Successful Detection(%)	Pass/Fail
6	30	100		70	Pass

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Radar Type 1 for 5500 MHz:

Data Sheet for FCC Radar Type 1

Trial	VSG Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency	PRI	Test A/B	Successful Detection
			(Pulses Per Second)	(μsec)	A/B	(Yes/No)
1	5500	1	1930.5	518	A	Yes
2	5500	5	1672.2	598	A	Yes
3	5500	12	1355	738	A	Yes
4	5500	23	326.2	3066	A	Yes
5	5500	9	1474.9	678	A	Yes
6	5500	11	1392.8	718	A	Yes
7	5500	19	1139	878	A	Yes
8	5500	21	1089.3	918	A	Yes
9	5500	2	1858.7	538	A	Yes
10	5500	14	1285.3	778	A	Yes
11	5500	4	1730.1	578	A	Yes
12	5500	7	1567.4	638	A	Yes
13	5500	22	1066.1	938	A	Yes
14	5500	20	1113.6	898	A	Yes
15	5500	8	1519.8	658	A	Yes
16	5500	-	348.2	2872	B	Yes
17	5500	-	762.2	1312	B	Yes
18	5500	-	634.5	1576	B	Yes
19	5500	-	827.1	1209	B	Yes
20	5500	-	501	1996	B	Yes
21	5500	-	901.7	1109	B	Yes
22	5500	-	371.7	2690	B	Yes
23	5500	-	718.4	1392	B	Yes
24	5500	-	428.4	2334	B	Yes
25	5500	-	551.6	1813	B	Yes
26	5500	-	444.8	2248	B	Yes
27	5500	-	423.2	2363	B	Yes
28	5500	-	487.3	2052	B	Yes
29	5500	-	368.1	2717	B	Yes
30	5500	-	442.7	2259	B	Yes

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Radar Type 2 for 5500 MHz:

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
			(μ sec)	(μ sec)	(Yes/No)
1	5500	23	1.5	166	Yes
2	5500	29	4.6	197	Yes
3	5500	24	1.6	196	Yes
4	5500	26	3	159	Yes
5	5500	28	4.3	208	Yes
6	5500	24	2	185	Yes
7	5500	23	1.1	194	Yes
8	5500	25	2.7	164	Yes
9	5500	23	1.2	223	Yes
10	5500	24	1.8	219	Yes
11	5500	25	2.2	163	Yes
12	5500	27	3.3	191	Yes
13	5500	26	2.8	167	Yes
14	5500	27	3.3	152	Yes
15	5500	23	1.5	153	Yes
16	5500	24	2.1	202	Yes
17	5500	27	3.8	160	No
18	5500	23	1.1	178	Yes
19	5500	25	2.5	176	Yes
20	5500	25	2.3	158	Yes
21	5500	25	2.2	190	Yes
22	5500	25	2.5	175	Yes
23	5500	28	4.2	225	Yes
24	5500	25	2.7	172	Yes
25	5500	24	1.6	186	Yes
26	5500	27	3.9	221	Yes
27	5500	29	4.9	206	Yes
28	5500	24	1.9	212	Yes
29	5500	27	3.5	230	Yes
30	5500	25	2.3	155	Yes

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Radar Type 3 for 5500 MHz:

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
			(μ sec)	(μ sec)	(Yes/No)
1	5500	16	6.5	414	Yes
2	5500	18	9.6	425	Yes
3	5500	16	6.6	380	Yes
4	5500	17	8	449	Yes
5	5500	18	9.3	475	Yes
6	5500	16	7	232	Yes
7	5500	16	6.1	211	Yes
8	5500	17	7.7	241	Yes
9	5500	16	6.2	302	Yes
10	5500	16	6.8	488	Yes
11	5500	16	7.2	368	Yes
12	5500	17	8.3	467	Yes
13	5500	17	7.8	499	Yes
14	5500	17	8.3	498	No
15	5500	16	6.5	243	Yes
16	5500	16	7.1	317	Yes
17	5500	18	8.8	298	Yes
18	5500	16	6.1	201	Yes
19	5500	17	7.5	418	Yes
20	5500	17	7.3	377	Yes
21	5500	16	7.2	386	Yes
22	5500	17	7.5	384	Yes
23	5500	18	9.2	430	Yes
24	5500	17	7.7	222	Yes
25	5500	16	6.6	283	Yes
26	5500	18	8.9	429	Yes
27	5500	18	9.9	210	Yes
28	5500	16	6.9	459	Yes
29	5500	17	8.5	268	Yes
30	5500	17	7.3	229	Yes

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Radar Type 4 for 5500 MHz:

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
			(μ sec)	(μ sec)	(Yes/No)
1	5500	12	12.2	414	Yes
2	5500	16	19.1	425	Yes
3	5500	12	12.5	380	Yes
4	5500	14	15.4	449	Yes
5	5500	16	18.4	475	Yes
6	5500	13	13.3	232	Yes
7	5500	12	11.2	211	Yes
8	5500	14	14.8	241	Yes
9	5500	12	11.6	302	Yes
10	5500	13	12.8	488	Yes
11	5500	13	13.7	368	Yes
12	5500	14	16.2	467	Yes
13	5500	14	15	499	Yes
14	5500	14	16.2	498	Yes
15	5500	12	12.2	243	Yes
16	5500	13	13.4	317	Yes
17	5500	15	17.3	298	Yes
18	5500	12	11.2	201	Yes
19	5500	13	14.5	418	Yes
20	5500	13	14	377	Yes
21	5500	13	13.7	386	Yes
22	5500	13	14.4	384	Yes
23	5500	15	18.1	430	Yes
24	5500	14	14.7	222	Yes
25	5500	12	12.5	283	Yes
26	5500	15	17.4	429	Yes
27	5500	16	19.7	210	No
28	5500	13	13.1	459	Yes
29	5500	15	16.7	268	Yes
30	5500	13	14	229	No

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Radar Type 5 for 5500 MHz:

Data Sheet for FCC Radar Type 5						
Trial Number:			1	VSG Frequency(MHz):		
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	56.6	7			0
2	3	94.8	7	1756.2	1785.2	1333333
3	1	58.4	7			2666667
4	2	74.6	7	1485.4		4000000
5	3	90.9	7	1082.1	1013.1	5333333
6	1	62.9	7			6666667
7	1	51.3	7			8000000
8	2	71	7	1825		9333333
9	1	53.3	7			10666667

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Data Sheet for FCC Radar Type 5						
Trial Number:			2	VSG Frequency(MHz):		5500
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	60.4	19			0
2	1	65	19			631579
3	2	79	19	1153		1263158
4	2	72.4	19	1399.6		1894737
5	2	79	19	1277		2526316
6	1	56.6	19			3157895
7	1	63.5	19			3789474
8	3	84.8	19	954.2	1384.2	4421053
9	1	51.4	19			5052632
10	2	69.3	19	1214.7		5684211
11	2	67	19	1210		6315789
12	1	65.1	19			6947368
13	2	69.1	19	1392.9		7578947
14	3	89.3	19	1658.7	932.7	8210526
15	2	70.8	19	1615.2		8842105
16	1	58.3	19			9473684
17	3	85.5	19	1667.5	1777.5	10105263
18	3	98.3	19	1145.7	1471.7	10736842
19	1	62.1	19			11368421

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Data Sheet for FCC Radar Type 5						
Trial Number:			3	VSG Frequency(MHz):		5500
Number of Bursts in Trial:			10	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	81.7	7	1293.3		0
2	2	66.9	7	1819.1		1200000
3	3	95.8	7	1543.2	1271.2	2400000
4	3	83.4	7	1430.6	1260.6	3600000
5	3	99.2	7	1819.8	973.8	4800000
6	3	95.9	7	1276.1	1357.1	6000000
7	2	77	7	1486		7200000
8	1	56.2	7			8400000
9	3	85.6	7	1506.4	1026.4	9600000
10	1	63.4	7			10800000

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Data Sheet for FCC Radar Type 5						
Trial Number:			4	VSG Frequency(MHz):		5500
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 Lo cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	55.7	12			0
2	3	93.2	12	1584.8	1703.8	857143
3	3	92.9	12	1315.1	1105.1	1714286
4	1	56.2	12			2571429
5	2	82.4	12	1139.6		3428571
6	2	76.4	12	999.6		4285714
7	1	54.4	12			5142857
8	2	72.2	12	1308.8		6000000
9	2	79.3	12	1404.7		6857143
10	3	87.9	12	1229.1	1725.1	7714286
11	3	92	12	1292	1035	8571429
12	2	73.6	12	1740.4		9428571
13	2	73.8	12	1105.2		10285714
14	2	67.3	12	1015.7		11142857

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Data Sheet for FCC Radar Type 5						
Trial Number:			5	VSG Frequency(MHz):		5500
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	97.4	18	1069.6	1333.6	0
2	1	51.3	18			666667
3	2	81.9	18	1363.1		1333333
4	3	87.5	18	1076.5	1354.5	2000000
5	1	55.5	18			2666667
6	3	87.7	18	1050.3	1283.3	3333333
7	1	66.3	18			4000000
8	1	55.3	18			4666667
9	1	64.7	18			5333333
10	3	89.3	18	950.7	1560.7	6000000
11	3	89.4	18	1460.6	1323.6	6666667
12	3	86.4	18	1320.6	1487.6	7333333
13	1	64.6	18			8000000
14	2	81.7	18	1266.3		8666667
15	2	79.8	18	1420.2		9333333
16	2	76.6	18	1241.4		10000000
17	1	52	18			10666667
18	1	50.3	18			11333333

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Data Sheet for FCC Radar Type 5						
Trial Number:			6	VSG Frequency(MHz):		5500
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	77.9	9	1075.1		0
2	2	71.3	9	944.7		1090909
3	3	95.8	9	1273.2	1227.2	2181818
4	2	76.2	9	925.8		3272727
5	2	74.1	9	1452.9		4363636
6	1	58.8	9			5454545
7	3	86.8	9	1216.2	1384.2	6545455
8	1	62.8	9			7636364
9	1	66.3	9			8727273
10	3	86.1	9	995.9	1723.9	9818182
11	1	56.2	9			10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			7	VSG Frequency(MHz):		5500
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	60.3	5			0
2	2	70.1	5	1287.9		1500000
3	1	58	5			3000000
4	3	93.1	5	1107.9	1326.9	4500000
5	2	78.4	5	1047.6		6000000
6	3	86	5	1645	1169	7500000
7	3	97.8	5	1300.2	1555.2	9000000
8	1	64	5			10500000

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Data Sheet for FCC Radar Type 5						
Trial Number:			8	VSG Frequency(MHz):		5500
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	89.5	11	1359.5	943.5	0
2	1	50.6	11			923077
3	3	98	11	1195	1725	1846154
4	3	97.2	11	1002.8	1381.8	2769231
5	1	50.3	11			3692308
6	2	78.4	11	1519.6		4615385
7	1	53.6	11			5538462
8	2	66.9	11	1733.1		6461538
9	3	96	11	1831	1033	7384615
10	1	61.7	11			8307692
11	2	72.8	11	1431.2		9230769
12	3	92.5	11	1727.5	984.5	10153846
13	1	52.7	11			11076923

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Data Sheet for FCC Radar Type 5						
Trial Number:			9	VSG Frequency(MHz):		5500
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	85.9	6	1802.1	942.1	0
2	3	91.6	6	1213.4	1445.4	1500000
3	3	95.7	6	1238.3	1477.3	3000000
4	1	52.5	6			4500000
5	2	71.6	6	1683.4		6000000
6	2	71.1	6	1453.9		7500000
7	2	77.2	6	1021.8		9000000
8	2	73	6	1489		10500000

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Data Sheet for FCC Radar Type 5						
Trial Number:			10	VSG Frequency(MHz):		5500
Number of Bursts in Trial:			10	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	50.7	8			0
2	3	92.8	8	1841.2	1154.2	1200000
3	2	71.3	8	1817.7		2400000
4	2	80.2	8	1134.8		3600000
5	3	99.2	8	1434.8	1224.8	4800000
6	1	54.4	8			6000000
7	2	69.1	8	1432.9		7200000
8	2	81.3	8	1503.7		8400000
9	3	93.4	8	1202.6	1259.6	9600000
10	3	86.2	8	1336.8	1275.8	10800000

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Data Sheet for FCC Radar Type 5						
Trial Number:			11	VSG Frequency(MHz):		5503.6
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	95.7	9	1147.3	1897.3	0
2	2	82.1	9	1119.9		1090909
3	1	62.5	9			2181818
4	1	62.6	9			3272727
5	3	99.7	9	1863.3	1312.3	4363636
6	2	79.9	9	1519.1		5454545
7	2	74.2	9	1173.8		6545455
8	3	95.4	9	955.6	1851.6	7636364
9	3	97.9	9	937.1	1137.1	8727273
10	2	70.5	9	1728.5		9818182
11	3	91.9	9	1272.1	1301.1	10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			12	VSG Frequency(MHz):		5505.6
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 Lo cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	90.8	14	1834.2	1069.2	0
2	1	51	14			800000
3	3	93.6	14	938.4	1210.4	1600000
4	3	93.7	14	1697.3	1200.3	2400000
5	1	53.5	14			3200000
6	2	74.4	14	1124.6		4000000
7	2	78.5	14	979.5		4800000
8	1	62.4	14			5600000
9	3	90.6	14	1758.4	1802.4	6400000
10	1	56.7	14			7200000
11	1	64.8	14			8000000
12	2	70.5	14	1573.5		8800000
13	3	91	14	1143	1457	9600000
14	3	88.7	14	1242.3	1661.3	10400000
15	1	57.9	14			11200000

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Data Sheet for FCC Radar Type 5						
Trial Number:			13	VSG Frequency(MHz):		5504.8
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	76.7	12	1011.3		0
2	2	66.9	12	1373.1		923077
3	1	51.2	12			1846154
4	2	74	12	1685		2769231
5	3	84.6	12	1693.4	1205.4	3692308
6	3	85.7	12	1614.3	1685.3	4615385
7	1	52.6	12			5538462
8	2	75.5	12	1839.5		6461538
9	2	77.1	12	982.9		7384615
10	1	60.3	12			8307692
11	3	90.2	12	1756.8	1235.8	9230769
12	2	73.3	12	1719.7		10153846
13	3	91.9	12	1416.1	1139.1	11076923

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Data Sheet for FCC Radar Type 5						
Trial Number:			14	VSG Frequency(MHz):		5505.6
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	65.7	14			0
2	2	78.3	14	1781.7		800000
3	2	76.3	14	1042.7		1600000
4	2	73.3	14	1666.7		2400000
5	1	56.7	14			3200000
6	2	81.2	14	1698.8		4000000
7	1	60	14			4800000
8	3	91.7	14	994.3	1060.3	5600000
9	2	77.8	14	1633.2		6400000
10	3	86.6	14	1378.4	1310.4	7200000
11	3	95.7	14	1061.3	1892.3	8000000
12	2	80	14	1025		8800000
13	3	90.6	14	1234.4	1705.4	9600000
14	2	68.9	14	1760.1		10400000
15	1	52.7	14			11200000

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Data Sheet for FCC Radar Type 5						
Trial Number:			15	VSG Frequency(MHz):		5502.8
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	79.5	7	1650.5		0
2	2	80.9	7	1842.1		1333333
3	1	61.5	7			2666667
4	2	71.6	7	1320.4		4000000
5	2	73.9	7	1253.1		5333333
6	3	91.8	7	1869.2	1631.2	6666667
7	1	53.2	7			8000000
8	1	57.3	7			9333333
9	3	94.2	7	1265.8	970.8	10666667

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Data Sheet for FCC Radar Type 5						
Trial Number:			16	VSG Frequency(MHz):		5503.6
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	73.8	9	1912.2		0
2	3	86	9	1138	1852	1090909
3	1	56.2	9			2181818
4	3	88.1	9	1593.9	1408.9	3272727
5	2	75.6	9	1872.4		4363636
6	1	66.4	9			5454545
7	2	83.3	9	1511.7		6545455
8	1	63.3	9			7636364
9	1	51	9			8727273
10	3	86.6	9	1601.4	1525.4	9818182
11	3	96.7	9	1654.3	1195.3	10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			17	VSG Frequency(MHz):		5506.4
Number of Bursts in Trial:			17	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	62.2	16			0
2	2	80.5	16	1903.5		705882
3	3	91.5	16	1112.5	1843.5	1411765
4	1	63.8	16			2117647
5	1	59.7	16			2823529
6	2	78.6	16	1646.4		3529412
7	1	66.3	16			4235294
8	3	98.9	16	1822.1	1222.1	4941176
9	2	80.4	16	1910.6		5647059
10	1	55.5	16			6352941
11	3	94	16	1294	1635	7058824
12	3	94	16	1517	1764	7764706
13	2	66.7	16	1816.3		8470588
14	3	100	16	1833	1008	9176471
15	3	96.1	16	1288.9	1785.9	9882353
16	3	96.3	16	1890.7	1191.7	10588235
17	3	98.9	16	1396.1	1702.1	11294118

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Data Sheet for FCC Radar Type 5						
Trial Number:			18	VSG Frequency(MHz):		5502
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	68.5	5	1762.5		0
2	3	99.5	5	1547.5	1509.5	1500000
3	1	50.1	5			3000000
4	1	62.5	5			4500000
5	2	71	5	1921		6000000
6	2	82.2	5	1365.8		7500000
7	3	99.6	5	1883.4	1626.4	9000000
8	2	70.8	5	1392.2		10500000

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Data Sheet for FCC Radar Type 5						
Trial Number:			19	VSG Frequency(MHz):		5504.4
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	74.9	11	995.1		0
2	2	71.9	11	1773.1		923077
3	1	66	11			1846154
4	1	61.4	11			2769231
5	1	53.2	11			3692308
6	2	82.3	11	1307.7		4615385
7	2	79	11	1354		5538462
8	1	53.9	11			6461538
9	2	72.3	11	1802.7		7384615
10	3	90.5	11	1701.5	1759.5	8307692
11	3	99	11	1248	1220	9230769
12	3	89.5	11	1608.5	965.5	10153846
13	3	97.7	11	1721.3	1527.3	11076923

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Data Sheet for FCC Radar Type 5						
Trial Number:			20	VSG Frequency(MHz):		5504
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	61.8	10			0
2	3	95.3	10	1379.7	1089.7	1000000
3	2	75.4	10	1078.6		2000000
4	1	54.4	10			3000000
5	2	76.9	10	1769.1		4000000
6	3	88.6	10	1805.4	1127.4	5000000
7	2	79.9	10	1376.1		6000000
8	3	92.1	10	1644.9	1621.9	7000000
9	3	89.5	10	1617.5	1265.5	8000000
10	3	88.2	10	1449.8	1828.8	9000000
11	2	79.5	10	1091.5		10000000
12	2	70.2	10	937.8		11000000

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Data Sheet for FCC Radar Type 5						
Trial Number:			21	VSG Frequency(MHz):		5496.4
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	84.4	9	936.6	1776.6	0
2	3	94.9	9	1720.1	1610.1	1090909
3	1	51.6	9			2181818
4	3	86.5	9	1178.5	1615.5	3272727
5	3	84.1	9	1109.9	1684.9	4363636
6	3	91.3	9	1244.7	1276.7	5454545
7	3	98.3	9	1570.7	1420.7	6545455
8	3	92	9	1040	1551	7636364
9	3	93.1	9	1065.9	1057.9	8727273
10	3	84.9	9	920.1	960.1	9818182
11	1	56.7	9			10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			22	VSG Frequency(MHz):		5495.6
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	50.2	11			0
2	3	87.5	11	1201.5	1453.5	1000000
3	2	77.1	11	1564.9		2000000
4	2	73.2	11	1635.8		3000000
5	1	65	11			4000000
6	3	90	11	1511	951	5000000
7	3	94.5	11	1618.5	1322.5	6000000
8	1	59.4	11			7000000
9	3	97.1	11	1068.9	1619.9	8000000
10	1	56.7	11			9000000
11	1	51.2	11			10000000
12	1	56.6	11			11000000

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Data Sheet for FCC Radar Type 5						
Trial Number:			23	VSG Frequency(MHz):		5493.2
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	54.1	17			0
2	2	74.7	17	1327.3		666667
3	1	58.1	17			1333333
4	3	94.1	17	1349.9	1797.9	2000000
5	3	93.6	17	1722.4	907.4	2666667
6	2	69.7	17	1263.3		3333333
7	2	78.7	17	1034.3		4000000
8	3	85.4	17	1103.6	1024.6	4666667
9	3	83.8	17	1578.2	1869.2	5333333
10	3	86.6	17	955.4	1136.4	6000000
11	3	91.3	17	1848.7	1396.7	6666667
12	2	68.9	17	1585.1		7333333
13	3	87.5	17	1799.5	1225.5	8000000
14	2	77.3	17	922.7		8666667
15	2	67.5	17	982.5		9333333
16	3	88.2	17	937.8	1310.8	10000000
17	3	99.3	17	1241.7	1100.7	10666667
18	1	50.6	17			11333333

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Data Sheet for FCC Radar Type 5						
Trial Number:			24	VSG Frequency(MHz):		5495.6
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	97.6	11	1559.4	1499.4	0
2	1	54.6	11			923077
3	2	77	11	1034		1846154
4	3	88.6	11	1825.4	1191.4	2769231
5	2	75.2	11	1185.8		3692308
6	2	66.9	11	1627.1		4615385
7	3	99.9	11	1676.1	1507.1	5538462
8	1	65.3	11			6461538
9	1	64.8	11			7384615
10	1	52	11			8307692
11	3	95.1	11	1858.9	1034.9	9230769
12	2	78.7	11	1843.3		10153846
13	2	82.4	11	1649.6		11076923

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Data Sheet for FCC Radar Type 5						
Trial Number:			25	VSG Frequency(MHz):		5497.2
Number of Bursts in Trial:			10	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	63.4	7			0
2	2	83.2	7	965.8		1200000
3	3	88.3	7	1683.7	1855.7	2400000
4	3	97.6	7	1470.4	1610.4	3600000
5	1	61.8	7			4800000
6	2	76	7	1895		6000000
7	3	97.2	7	1348.8	1165.8	7200000
8	1	54.6	7			8400000
9	2	72.2	7	989.8		9600000
10	1	64.3	7			10800000

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Data Sheet for FCC Radar Type 5						
Trial Number:			26	VSG Frequency(MHz):		5493.6
Number of Bursts in Trial:			17	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	99.5	16	994.5	974.5	0
2	2	72.9	16	1356.1		705882
3	1	63.6	16			1411765
4	3	96.3	16	1113.7	1535.7	2117647
5	1	58.2	16			2823529
6	3	85.8	16	1582.2	1284.2	3529412
7	3	87.7	16	1317.3	1176.3	4235294
8	2	72.5	16	1859.5		4941176
9	1	56.3	16			5647059
10	1	60.2	16			6352941
11	3	96.5	16	1708.5	1855.5	7058824
12	1	59.2	16			7764706
13	3	96.6	16	1162.4	1493.4	8470588
14	2	79.6	16	1758.4		9176471
15	1	65.5	16			9882353
16	3	99.5	16	1505.5	1114.5	10588235
17	3	91.2	16	1857.8	1598.8	11294118

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Data Sheet for FCC Radar Type 5						
Trial Number:			27	VSG Frequency(MHz):		5492
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	94.3	20	1428.7	1040.7	0
2	2	78.3	20	1523.7		600000
3	1	54.8	20			1200000
4	2	76.7	20	1230.3		1800000
5	3	90.4	20	1207.6	1379.6	2400000
6	1	55	20			3000000
7	1	54.1	20			3600000
8	2	77.8	20	1438.2		4200000
9	3	85.7	20	1038.3	1368.3	4800000
10	3	99.2	20	1718.8	1021.8	5400000
11	2	79.8	20	1166.2		6000000
12	1	55.7	20			6600000
13	1	62.1	20			7200000
14	1	52	20			7800000
15	3	96.1	20	1223.9	1706.9	8400000
16	2	75.3	20	1767.7		9000000
17	3	90.3	20	1744.7	1209.7	9600000
18	2	77.5	20	994.5		10200000
19	1	65.6	20			10800000
20	1	61.5	20			11400000

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Data Sheet for FCC Radar Type 5						
Trial Number:			28	VSG Frequency(MHz):		5496.8
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	70.7	8	1762.3		0
2	3	91.6	8	932.4	1100.4	1090909
3	2	79.5	8	1787.5		2181818
4	2	77.2	8	1483.8		3272727
5	2	79.6	8	1784.4		4363636
6	3	88.7	8	1149.3	1451.3	5454545
7	2	68.5	8	1033.5		6545455
8	3	86	8	1011	1110	7636364
9	1	54.1	8			8727273
10	3	86.6	8	1707.4	1091.4	9818182
11	1	58.6	8			10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			29	VSG Frequency(MHz):		5494
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	82	15	1098		0
2	1	62.3	15			750000
3	3	84.9	15	1342.1	1590.1	1500000
4	1	52.9	15			2250000
5	2	76.4	15	1753.6		3000000
6	2	67.4	15	1595.6		3750000
7	3	87.7	15	1278.3	942.3	4500000
8	1	59.1	15			5250000
9	2	67.9	15	1011.1		6000000
10	1	59.5	15			6750000
11	2	68.4	15	1357.6		7500000
12	2	72.6	15	1279.4		8250000
13	3	86.6	15	1185.4	1272.4	9000000
14	1	57.8	15			9750000
15	2	66.8	15	1333.2		10500000
16	3	94.3	15	1123.7	1023.7	11250000

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Data Sheet for FCC Radar Type 5						
Trial Number:			30	VSG Frequency(MHz):		5496
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	58.1	10			0
2	1	50.3	10			1000000
3	3	84	10	977	1686	2000000
4	1	56.3	10			3000000
5	1	52	10			4000000
6	3	99.9	10	1584.1	1476.1	5000000
7	3	88	10	1857	1738	6000000
8	2	70.4	10	1073.6		7000000
9	1	52.6	10			8000000
10	3	98.8	10	1825.2	1753.2	9000000
11	2	77.6	10	1623.4		10000000
12	3	97.1	10	1378.9	1605.9	11000000

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Radar Type 6 for 5500 MHz:

Data Sheet for FCC Radar Type 6

Trial	VSG Frequency (MHz)	Pulses per Hop	Hopping Sequence Length	Hopping Rate	Pulse Width	PRI	Successful Detection
			(msec)	(kHz)	(μ sec)	(μ sec)	(Yes/No)
1	5510	9	300	0.333	1	333	Yes
2	5510	9	300	0.333	1	333	Yes
3	5510	9	300	0.333	1	333	Yes
4	5510	9	300	0.333	1	333	Yes
5	5510	9	300	0.333	1	333	Yes
6	5510	9	300	0.333	1	333	Yes
7	5510	9	300	0.333	1	333	Yes
8	5510	9	300	0.333	1	333	Yes
9	5510	9	300	0.333	1	333	Yes
10	5510	9	300	0.333	1	333	Yes
11	5510	9	300	0.333	1	333	Yes
12	5510	9	300	0.333	1	333	Yes
13	5510	9	300	0.333	1	333	Yes
14	5510	9	300	0.333	1	333	Yes
15	5510	9	300	0.333	1	333	Yes
16	5510	9	300	0.333	1	333	Yes
17	5510	9	300	0.333	1	333	Yes
18	5510	9	300	0.333	1	333	Yes
19	5510	9	300	0.333	1	333	Yes
20	5510	9	300	0.333	1	333	Yes
21	5510	9	300	0.333	1	333	Yes
22	5510	9	300	0.333	1	333	Yes
23	5510	9	300	0.333	1	333	Yes
24	5510	9	300	0.333	1	333	Yes
25	5510	9	300	0.333	1	333	Yes
26	5510	9	300	0.333	1	333	Yes
27	5510	9	300	0.333	1	333	Yes
28	5510	9	300	0.333	1	333	Yes
29	5510	9	300	0.333	1	333	Yes
30	5510	9	300	0.333	1	333	Yes

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5510 MHz:

Short Pulse Radar Type	Minimum Number of Trials	Detection(%)		Minmum Percentage of Successful Detection(%)	Pass/Fail
1	30	100		60	Pass
2	30	96.67		60	Pass
3	30	90		60	Pass
4	30	86.67		60	Pass
Aggregate (Radar Types 1-4)	120	93.335		80	Pass
Long Pulse Radar Type	Minimum Number of Trials	Each Detection(%)	Total Detection(%)	Minmum Percentage of Successful Detection(%)	Pass/Fail
5	Center:10	100	100	80	Pass
	Low Edge:10	100			
	High Edge:10	100			
Frequency Hop-ping Radar Type	Minimum Number of Trials	Detection(%)		Minmum Percentage of Successful Detection(%)	Pass/Fail
6	30	100		70	Pass

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Radar Type 1 for 5510 MHz:

Data Sheet for FCC Radar Type 1

Trial	VSG Frequency (MHz)	Pulse Repetition Frequency Number (1 to 23)	Pulse Repetition Frequency	PRI	Test A/B	Successful Detection
			(Pulses Per Second)	(μsec)	A/B	(Yes/No)
1	5510	1	1930.5	518	A	Yes
2	5510	5	1672.2	598	A	Yes
3	5510	12	1355	738	A	Yes
4	5510	23	326.2	3066	A	Yes
5	5510	9	1474.9	678	A	Yes
6	5510	11	1392.8	718	A	Yes
7	5510	19	1139	878	A	Yes
8	5510	21	1089.3	918	A	Yes
9	5510	2	1858.7	538	A	Yes
10	5510	14	1285.3	778	A	Yes
11	5510	4	1730.1	578	A	Yes
12	5510	7	1567.4	638	A	Yes
13	5510	22	1066.1	938	A	Yes
14	5510	20	1113.6	898	A	Yes
15	5510	8	1519.8	658	A	Yes
16	5510	-	348.2	2872	B	Yes
17	5510	-	762.2	1312	B	Yes
18	5510	-	634.5	1576	B	Yes
19	5510	-	827.1	1209	B	Yes
20	5510	-	501	1996	B	Yes
21	5510	-	901.7	1109	B	Yes
22	5510	-	371.7	2690	B	Yes
23	5510	-	718.4	1392	B	Yes
24	5510	-	428.4	2334	B	Yes
25	5510	-	551.6	1813	B	Yes
26	5510	-	444.8	2248	B	Yes
27	5510	-	423.2	2363	B	Yes
28	5510	-	487.3	2052	B	Yes
29	5510	-	368.1	2717	B	Yes
30	5510	-	442.7	2259	B	Yes

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Radar Type 2 for 5510 MHz:

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
			(μ sec)	(μ sec)	(Yes/No)
1	5510	23	1.5	166	Yes
2	5510	29	4.6	197	Yes
3	5510	24	1.6	196	Yes
4	5510	26	3	159	Yes
5	5510	28	4.3	208	Yes
6	5510	24	2	185	Yes
7	5510	23	1.1	194	Yes
8	5510	25	2.7	164	No
9	5510	23	1.2	223	Yes
10	5510	24	1.8	219	Yes
11	5510	25	2.2	163	Yes
12	5510	27	3.3	191	Yes
13	5510	26	2.8	167	Yes
14	5510	27	3.3	152	Yes
15	5510	23	1.5	153	Yes
16	5510	24	2.1	202	Yes
17	5510	27	3.8	160	Yes
18	5510	23	1.1	178	Yes
19	5510	25	2.5	176	Yes
20	5510	25	2.3	158	Yes
21	5510	25	2.2	190	Yes
22	5510	25	2.5	175	Yes
23	5510	28	4.2	225	Yes
24	5510	25	2.7	172	Yes
25	5510	24	1.6	186	Yes
26	5510	27	3.9	221	Yes
27	5510	29	4.9	206	Yes
28	5510	24	1.9	212	Yes
29	5510	27	3.5	230	Yes
30	5510	25	2.3	155	Yes

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Radar Type 3 for 5510 MHz:

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
			(μ sec)	(μ sec)	(Yes/No)
1	5510	16	6.5	414	Yes
2	5510	18	9.6	425	Yes
3	5510	16	6.6	380	Yes
4	5510	17	8	449	Yes
5	5510	18	9.3	475	Yes
6	5510	16	7	232	Yes
7	5510	16	6.1	211	Yes
8	5510	17	7.7	241	Yes
9	5510	16	6.2	302	Yes
10	5510	16	6.8	488	Yes
11	5510	16	7.2	368	No
12	5510	17	8.3	467	Yes
13	5510	17	7.8	499	Yes
14	5510	17	8.3	498	Yes
15	5510	16	6.5	243	Yes
16	5510	16	7.1	317	Yes
17	5510	18	8.8	298	Yes
18	5510	16	6.1	201	Yes
19	5510	17	7.5	418	Yes
20	5510	17	7.3	377	No
21	5510	16	7.2	386	Yes
22	5510	17	7.5	384	Yes
23	5510	18	9.2	430	Yes
24	5510	17	7.7	222	No
25	5510	16	6.6	283	Yes
26	5510	18	8.9	429	Yes
27	5510	18	9.9	210	Yes
28	5510	16	6.9	459	Yes
29	5510	17	8.5	268	Yes
30	5510	17	7.3	229	Yes

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Radar Type 4 for 5510 MHz:

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
			(μ sec)	(μ sec)	(Yes/No)
1	5510	12	12.2	414	Yes
2	5510	16	19.1	425	Yes
3	5510	12	12.5	380	Yes
4	5510	14	15.4	449	Yes
5	5510	16	18.4	475	No
6	5510	13	13.3	232	Yes
7	5510	12	11.2	211	Yes
8	5510	14	14.8	241	Yes
9	5510	12	11.6	302	Yes
10	5510	13	12.8	488	Yes
11	5510	13	13.7	368	Yes
12	5510	14	16.2	467	No
13	5510	14	15	499	Yes
14	5510	14	16.2	498	Yes
15	5510	12	12.2	243	Yes
16	5510	13	13.4	317	Yes
17	5510	15	17.3	298	Yes
18	5510	12	11.2	201	No
19	5510	13	14.5	418	Yes
20	5510	13	14	377	Yes
21	5510	13	13.7	386	Yes
22	5510	13	14.4	384	Yes
23	5510	15	18.1	430	No
24	5510	14	14.7	222	Yes
25	5510	12	12.5	283	Yes
26	5510	15	17.4	429	Yes
27	5510	16	19.7	210	Yes
28	5510	13	13.1	459	Yes
29	5510	15	16.7	268	Yes
30	5510	13	14	229	Yes

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Radar Type 5 for 5510 MHz:

Data Sheet for FCC Radar Type 5						
Trial Number:			1	VSG Frequency(MHz):		5510
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	56.6	7			0
2	3	94.8	7	1756.2	1785.2	1333333
3	1	58.4	7			2666667
4	2	74.6	7	1485.4		4000000
5	3	90.9	7	1082.1	1013.1	5333333
6	1	62.9	7			6666667
7	1	51.3	7			8000000
8	2	71	7	1825		9333333
9	1	53.3	7			10666667

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Data Sheet for FCC Radar Type 5						
Trial Number:			2	VSG Frequency(MHz):		5510
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	60.4	19			0
2	1	65	19			631579
3	2	79	19	1153		1263158
4	2	72.4	19	1399.6		1894737
5	2	79	19	1277		2526316
6	1	56.6	19			3157895
7	1	63.5	19			3789474
8	3	84.8	19	954.2	1384.2	4421053
9	1	51.4	19			5052632
10	2	69.3	19	1214.7		5684211
11	2	67	19	1210		6315789
12	1	65.1	19			6947368
13	2	69.1	19	1392.9		7578947
14	3	89.3	19	1658.7	932.7	8210526
15	2	70.8	19	1615.2		8842105
16	1	58.3	19			9473684
17	3	85.5	19	1667.5	1777.5	10105263
18	3	98.3	19	1145.7	1471.7	10736842
19	1	62.1	19			11368421

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Data Sheet for FCC Radar Type 5						
Trial Number:			3	VSG Frequency(MHz):		5510
Number of Bursts in Trial:			10	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	81.7	7	1293.3		0
2	2	66.9	7	1819.1		1200000
3	3	95.8	7	1543.2	1271.2	2400000
4	3	83.4	7	1430.6	1260.6	3600000
5	3	99.2	7	1819.8	973.8	4800000
6	3	95.9	7	1276.1	1357.1	6000000
7	2	77	7	1486		7200000
8	1	56.2	7			8400000
9	3	85.6	7	1506.4	1026.4	9600000
10	1	63.4	7			10800000

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Data Sheet for FCC Radar Type 5						
Trial Number:			4	VSG Frequency(MHz):		5510
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	55.7	12			0
2	3	93.2	12	1584.8	1703.8	857143
3	3	92.9	12	1315.1	1105.1	1714286
4	1	56.2	12			2571429
5	2	82.4	12	1139.6		3428571
6	2	76.4	12	999.6		4285714
7	1	54.4	12			5142857
8	2	72.2	12	1308.8		6000000
9	2	79.3	12	1404.7		6857143
10	3	87.9	12	1229.1	1725.1	7714286
11	3	92	12	1292	1035	8571429
12	2	73.6	12	1740.4		9428571
13	2	73.8	12	1105.2		10285714
14	2	67.3	12	1015.7		11142857

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Data Sheet for FCC Radar Type 5						
Trial Number:			5	VSG Frequency(MHz):		5510
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	97.4	18	1069.6	1333.6	0
2	1	51.3	18			666667
3	2	81.9	18	1363.1		1333333
4	3	87.5	18	1076.5	1354.5	2000000
5	1	55.5	18			2666667
6	3	87.7	18	1050.3	1283.3	3333333
7	1	66.3	18			4000000
8	1	55.3	18			4666667
9	1	64.7	18			5333333
10	3	89.3	18	950.7	1560.7	6000000
11	3	89.4	18	1460.6	1323.6	6666667
12	3	86.4	18	1320.6	1487.6	7333333
13	1	64.6	18			8000000
14	2	81.7	18	1266.3		8666667
15	2	79.8	18	1420.2		9333333
16	2	76.6	18	1241.4		10000000
17	1	52	18			10666667
18	1	50.3	18			11333333

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Data Sheet for FCC Radar Type 5						
Trial Number:			6	VSG Frequency(MHz):		5510
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	77.9	9	1075.1		0
2	2	71.3	9	944.7		1090909
3	3	95.8	9	1273.2	1227.2	2181818
4	2	76.2	9	925.8		3272727
5	2	74.1	9	1452.9		4363636
6	1	58.8	9			5454545
7	3	86.8	9	1216.2	1384.2	6545455
8	1	62.8	9			7636364
9	1	66.3	9			8727273
10	3	86.1	9	995.9	1723.9	9818182
11	1	56.2	9			10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			7	VSG Frequency(MHz):		5510
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	60.3	5			0
2	2	70.1	5	1287.9		1500000
3	1	58	5			3000000
4	3	93.1	5	1107.9	1326.9	4500000
5	2	78.4	5	1047.6		6000000
6	3	86	5	1645	1169	7500000
7	3	97.8	5	1300.2	1555.2	9000000
8	1	64	5			10500000

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Data Sheet for FCC Radar Type 5						
Trial Number:			8	VSG Frequency(MHz):		5510
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	89.5	11	1359.5	943.5	0
2	1	50.6	11			923077
3	3	98	11	1195	1725	1846154
4	3	97.2	11	1002.8	1381.8	2769231
5	1	50.3	11			3692308
6	2	78.4	11	1519.6		4615385
7	1	53.6	11			5538462
8	2	66.9	11	1733.1		6461538
9	3	96	11	1831	1033	7384615
10	1	61.7	11			8307692
11	2	72.8	11	1431.2		9230769
12	3	92.5	11	1727.5	984.5	10153846
13	1	52.7	11			11076923

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Data Sheet for FCC Radar Type 5						
Trial Number:			9	VSG Frequency(MHz):		5510
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	85.9	6	1802.1	942.1	0
2	3	91.6	6	1213.4	1445.4	1500000
3	3	95.7	6	1238.3	1477.3	3000000
4	1	52.5	6			4500000
5	2	71.6	6	1683.4		6000000
6	2	71.1	6	1453.9		7500000
7	2	77.2	6	1021.8		9000000
8	2	73	6	1489		10500000

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Data Sheet for FCC Radar Type 5						
Trial Number:			10	VSG Frequency(MHz):		5510
Number of Bursts in Trial:			10	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	50.7	8			0
2	3	92.8	8	1841.2	1154.2	1200000
3	2	71.3	8	1817.7		2400000
4	2	80.2	8	1134.8		3600000
5	3	99.2	8	1434.8	1224.8	4800000
6	1	54.4	8			6000000
7	2	69.1	8	1432.9		7200000
8	2	81.3	8	1503.7		8400000
9	3	93.4	8	1202.6	1259.6	9600000
10	3	86.2	8	1336.8	1275.8	10800000

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Data Sheet for FCC Radar Type 5						
Trial Number:			11	VSG Frequency(MHz):		5495.454
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	95.7	9	1147.3	1897.3	0
2	2	82.1	9	1119.9		1090909
3	1	62.5	9			2181818
4	1	62.6	9			3272727
5	3	99.7	9	1863.3	1312.3	4363636
6	2	79.9	9	1519.1		5454545
7	2	74.2	9	1173.8		6545455
8	3	95.4	9	955.6	1851.6	7636364
9	3	97.9	9	937.1	1137.1	8727273
10	2	70.5	9	1728.5		9818182
11	3	91.9	9	1272.1	1301.1	10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			12	VSG Frequency(MHz):		5497.454
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 Lo cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	90.8	14	1834.2	1069.2	0
2	1	51	14			800000
3	3	93.6	14	938.4	1210.4	1600000
4	3	93.7	14	1697.3	1200.3	2400000
5	1	53.5	14			3200000
6	2	74.4	14	1124.6		4000000
7	2	78.5	14	979.5		4800000
8	1	62.4	14			5600000
9	3	90.6	14	1758.4	1802.4	6400000
10	1	56.7	14			7200000
11	1	64.8	14			8000000
12	2	70.5	14	1573.5		8800000
13	3	91	14	1143	1457	9600000
14	3	88.7	14	1242.3	1661.3	10400000
15	1	57.9	14			11200000

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Data Sheet for FCC Radar Type 5						
Trial Number:			13	VSG Frequency(MHz):		5496.654
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	76.7	12	1011.3		0
2	2	66.9	12	1373.1		923077
3	1	51.2	12			1846154
4	2	74	12	1685		2769231
5	3	84.6	12	1693.4	1205.4	3692308
6	3	85.7	12	1614.3	1685.3	4615385
7	1	52.6	12			5538462
8	2	75.5	12	1839.5		6461538
9	2	77.1	12	982.9		7384615
10	1	60.3	12			8307692
11	3	90.2	12	1756.8	1235.8	9230769
12	2	73.3	12	1719.7		10153846
13	3	91.9	12	1416.1	1139.1	11076923

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Data Sheet for FCC Radar Type 5						
Trial Number:			14	VSG Frequency(MHz):		5497.454
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 Lo cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	65.7	14			0
2	2	78.3	14	1781.7		800000
3	2	76.3	14	1042.7		1600000
4	2	73.3	14	1666.7		2400000
5	1	56.7	14			3200000
6	2	81.2	14	1698.8		4000000
7	1	60	14			4800000
8	3	91.7	14	994.3	1060.3	5600000
9	2	77.8	14	1633.2		6400000
10	3	86.6	14	1378.4	1310.4	7200000
11	3	95.7	14	1061.3	1892.3	8000000
12	2	80	14	1025		8800000
13	3	90.6	14	1234.4	1705.4	9600000
14	2	68.9	14	1760.1		10400000
15	1	52.7	14			11200000

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Data Sheet for FCC Radar Type 5						
Trial Number:			15	VSG Frequency(MHz):		5494.654
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	79.5	7	1650.5		0
2	2	80.9	7	1842.1		1333333
3	1	61.5	7			2666667
4	2	71.6	7	1320.4		4000000
5	2	73.9	7	1253.1		5333333
6	3	91.8	7	1869.2	1631.2	6666667
7	1	53.2	7			8000000
8	1	57.3	7			9333333
9	3	94.2	7	1265.8	970.8	10666667

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Data Sheet for FCC Radar Type 5						
Trial Number:			16	VSG Frequency(MHz):		5495.454
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	73.8	9	1912.2		0
2	3	86	9	1138	1852	1090909
3	1	56.2	9			2181818
4	3	88.1	9	1593.9	1408.9	3272727
5	2	75.6	9	1872.4		4363636
6	1	66.4	9			5454545
7	2	83.3	9	1511.7		6545455
8	1	63.3	9			7636364
9	1	51	9			8727273
10	3	86.6	9	1601.4	1525.4	9818182
11	3	96.7	9	1654.3	1195.3	10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			17	VSG Frequency(MHz):		5498.254
Number of Bursts in Trial:			17	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	62.2	16			0
2	2	80.5	16	1903.5		705882
3	3	91.5	16	1112.5	1843.5	1411765
4	1	63.8	16			2117647
5	1	59.7	16			2823529
6	2	78.6	16	1646.4		3529412
7	1	66.3	16			4235294
8	3	98.9	16	1822.1	1222.1	4941176
9	2	80.4	16	1910.6		5647059
10	1	55.5	16			6352941
11	3	94	16	1294	1635	7058824
12	3	94	16	1517	1764	7764706
13	2	66.7	16	1816.3		8470588
14	3	100	16	1833	1008	9176471
15	3	96.1	16	1288.9	1785.9	9882353
16	3	96.3	16	1890.7	1191.7	10588235
17	3	98.9	16	1396.1	1702.1	11294118

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Data Sheet for FCC Radar Type 5						
Trial Number:			18	VSG Frequency(MHz):		5493.854
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	68.5	5	1762.5		0
2	3	99.5	5	1547.5	1509.5	1500000
3	1	50.1	5			3000000
4	1	62.5	5			4500000
5	2	71	5	1921		6000000
6	2	82.2	5	1365.8		7500000
7	3	99.6	5	1883.4	1626.4	9000000
8	2	70.8	5	1392.2		10500000

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Data Sheet for FCC Radar Type 5						
Trial Number:			19	VSG Frequency(MHz):		5496.254
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	74.9	11	995.1		0
2	2	71.9	11	1773.1		923077
3	1	66	11			1846154
4	1	61.4	11			2769231
5	1	53.2	11			3692308
6	2	82.3	11	1307.7		4615385
7	2	79	11	1354		5538462
8	1	53.9	11			6461538
9	2	72.3	11	1802.7		7384615
10	3	90.5	11	1701.5	1759.5	8307692
11	3	99	11	1248	1220	9230769
12	3	89.5	11	1608.5	965.5	10153846
13	3	97.7	11	1721.3	1527.3	11076923

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Data Sheet for FCC Radar Type 5						
Trial Number:			20	VSG Frequency(MHz):		5495.854
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	61.8	10			0
2	3	95.3	10	1379.7	1089.7	1000000
3	2	75.4	10	1078.6		2000000
4	1	54.4	10			3000000
5	2	76.9	10	1769.1		4000000
6	3	88.6	10	1805.4	1127.4	5000000
7	2	79.9	10	1376.1		6000000
8	3	92.1	10	1644.9	1621.9	7000000
9	3	89.5	10	1617.5	1265.5	8000000
10	3	88.2	10	1449.8	1828.8	9000000
11	2	79.5	10	1091.5		10000000
12	2	70.2	10	937.8		11000000

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Data Sheet for FCC Radar Type 5						
Trial Number:			21	VSG Frequency(MHz):		5524.546
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	84.4	9	936.6	1776.6	0
2	3	94.9	9	1720.1	1610.1	1090909
3	1	51.6	9			2181818
4	3	86.5	9	1178.5	1615.5	3272727
5	3	84.1	9	1109.9	1684.9	4363636
6	3	91.3	9	1244.7	1276.7	5454545
7	3	98.3	9	1570.7	1420.7	6545455
8	3	92	9	1040	1551	7636364
9	3	93.1	9	1065.9	1057.9	8727273
10	3	84.9	9	920.1	960.1	9818182
11	1	56.7	9			10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			22	VSG Frequency(MHz):		5523.746
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	50.2	11			0
2	3	87.5	11	1201.5	1453.5	1000000
3	2	77.1	11	1564.9		2000000
4	2	73.2	11	1635.8		3000000
5	1	65	11			4000000
6	3	90	11	1511	951	5000000
7	3	94.5	11	1618.5	1322.5	6000000
8	1	59.4	11			7000000
9	3	97.1	11	1068.9	1619.9	8000000
10	1	56.7	11			9000000
11	1	51.2	11			10000000
12	1	56.6	11			11000000

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Data Sheet for FCC Radar Type 5						
Trial Number:			23	VSG Frequency(MHz):		5521.346
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	54.1	17			0
2	2	74.7	17	1327.3		666667
3	1	58.1	17			1333333
4	3	94.1	17	1349.9	1797.9	2000000
5	3	93.6	17	1722.4	907.4	2666667
6	2	69.7	17	1263.3		3333333
7	2	78.7	17	1034.3		4000000
8	3	85.4	17	1103.6	1024.6	4666667
9	3	83.8	17	1578.2	1869.2	5333333
10	3	86.6	17	955.4	1136.4	6000000
11	3	91.3	17	1848.7	1396.7	6666667
12	2	68.9	17	1585.1		7333333
13	3	87.5	17	1799.5	1225.5	8000000
14	2	77.3	17	922.7		8666667
15	2	67.5	17	982.5		9333333
16	3	88.2	17	937.8	1310.8	10000000
17	3	99.3	17	1241.7	1100.7	10666667
18	1	50.6	17			11333333

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Data Sheet for FCC Radar Type 5						
Trial Number:			24	VSG Frequency(MHz):		5523.746
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	97.6	11	1559.4	1499.4	0
2	1	54.6	11			923077
3	2	77	11	1034		1846154
4	3	88.6	11	1825.4	1191.4	2769231
5	2	75.2	11	1185.8		3692308
6	2	66.9	11	1627.1		4615385
7	3	99.9	11	1676.1	1507.1	5538462
8	1	65.3	11			6461538
9	1	64.8	11			7384615
10	1	52	11			8307692
11	3	95.1	11	1858.9	1034.9	9230769
12	2	78.7	11	1843.3		10153846
13	2	82.4	11	1649.6		11076923

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Data Sheet for FCC Radar Type 5						
Trial Number:			25	VSG Frequency(MHz):		5525.346
Number of Bursts in Trial:			10	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	63.4	7			0
2	2	83.2	7	965.8		1200000
3	3	88.3	7	1683.7	1855.7	2400000
4	3	97.6	7	1470.4	1610.4	3600000
5	1	61.8	7			4800000
6	2	76	7	1895		6000000
7	3	97.2	7	1348.8	1165.8	7200000
8	1	54.6	7			8400000
9	2	72.2	7	989.8		9600000
10	1	64.3	7			10800000

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Data Sheet for FCC Radar Type 5						
Trial Number:			26	VSG Frequency(MHz):		5521.746
Number of Bursts in Trial:			17	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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	99.5	16	994.5	974.5	0
2	2	72.9	16	1356.1		705882
3	1	63.6	16			1411765
4	3	96.3	16	1113.7	1535.7	2117647
5	1	58.2	16			2823529
6	3	85.8	16	1582.2	1284.2	3529412
7	3	87.7	16	1317.3	1176.3	4235294
8	2	72.5	16	1859.5		4941176
9	1	56.3	16			5647059
10	1	60.2	16			6352941
11	3	96.5	16	1708.5	1855.5	7058824
12	1	59.2	16			7764706
13	3	96.6	16	1162.4	1493.4	8470588
14	2	79.6	16	1758.4		9176471
15	1	65.5	16			9882353
16	3	99.5	16	1505.5	1114.5	10588235
17	3	91.2	16	1857.8	1598.8	11294118

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Data Sheet for FCC Radar Type 5						
Trial Number:			27	VSG Frequency(MHz):		5520.146
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	3	94.3	20	1428.7	1040.7	0
2	2	78.3	20	1523.7		600000
3	1	54.8	20			1200000
4	2	76.7	20	1230.3		1800000
5	3	90.4	20	1207.6	1379.6	2400000
6	1	55	20			3000000
7	1	54.1	20			3600000
8	2	77.8	20	1438.2		4200000
9	3	85.7	20	1038.3	1368.3	4800000
10	3	99.2	20	1718.8	1021.8	5400000
11	2	79.8	20	1166.2		6000000
12	1	55.7	20			6600000
13	1	62.1	20			7200000
14	1	52	20			7800000
15	3	96.1	20	1223.9	1706.9	8400000
16	2	75.3	20	1767.7		9000000
17	3	90.3	20	1744.7	1209.7	9600000
18	2	77.5	20	994.5		10200000
19	1	65.6	20			10800000
20	1	61.5	20			11400000

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Data Sheet for FCC Radar Type 5						
Trial Number:			28	VSG Frequency(MHz):		5524.946
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	70.7	8	1762.3		0
2	3	91.6	8	932.4	1100.4	1090909
3	2	79.5	8	1787.5		2181818
4	2	77.2	8	1483.8		3272727
5	2	79.6	8	1784.4		4363636
6	3	88.7	8	1149.3	1451.3	5454545
7	2	68.5	8	1033.5		6545455
8	3	86	8	1011	1110	7636364
9	1	54.1	8			8727273
10	3	86.6	8	1707.4	1091.4	9818182
11	1	58.6	8			10909091

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Data Sheet for FCC Radar Type 5						
Trial Number:			29	VSG Frequency(MHz):		5522.146
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	2	82	15	1098		0
2	1	62.3	15			750000
3	3	84.9	15	1342.1	1590.1	1500000
4	1	52.9	15			2250000
5	2	76.4	15	1753.6		3000000
6	2	67.4	15	1595.6		3750000
7	3	87.7	15	1278.3	942.3	4500000
8	1	59.1	15			5250000
9	2	67.9	15	1011.1		6000000
10	1	59.5	15			6750000
11	2	68.4	15	1357.6		7500000
12	2	72.6	15	1279.4		8250000
13	3	86.6	15	1185.4	1272.4	9000000
14	1	57.8	15			9750000
15	2	66.8	15	1333.2		10500000
16	3	94.3	15	1123.7	1023.7	11250000

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Data Sheet for FCC Radar Type 5						
Trial Number:			30	VSG Frequency(MHz):		5524.146
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 Lo- cation Within Inter- val
		(μ sec)	(MHz)	(μ sec)	(μ sec)	(μ sec)
1	1	58.1	10			0
2	1	50.3	10			1000000
3	3	84	10	977	1686	2000000
4	1	56.3	10			3000000
5	1	52	10			4000000
6	3	99.9	10	1584.1	1476.1	5000000
7	3	88	10	1857	1738	6000000
8	2	70.4	10	1073.6		7000000
9	1	52.6	10			8000000
10	3	98.8	10	1825.2	1753.2	9000000
11	2	77.6	10	1623.4		10000000
12	3	97.1	10	1378.9	1605.9	11000000

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Radar Type 6 for 5510 MHz:

Data Sheet for FCC Radar Type 6

Trial	VSG Frequency (MHz)	Pulses per Hop	Hopping Sequence Length	Hopping Rate	Pulse Width	PRI	Successful Detection
			(msec)	(kHz)	(μ sec)	(μ sec)	(Yes/No)
1	5510	9	300	0.333	1	333	Yes
2	5510	9	300	0.333	1	333	Yes
3	5510	9	300	0.333	1	333	Yes
4	5510	9	300	0.333	1	333	Yes
5	5510	9	300	0.333	1	333	Yes
6	5510	9	300	0.333	1	333	Yes
7	5510	9	300	0.333	1	333	Yes
8	5510	9	300	0.333	1	333	Yes
9	5510	9	300	0.333	1	333	Yes
10	5510	9	300	0.333	1	333	Yes
11	5510	9	300	0.333	1	333	Yes
12	5510	9	300	0.333	1	333	Yes
13	5510	9	300	0.333	1	333	Yes
14	5510	9	300	0.333	1	333	Yes
15	5510	9	300	0.333	1	333	Yes
16	5510	9	300	0.333	1	333	Yes
17	5510	9	300	0.333	1	333	Yes
18	5510	9	300	0.333	1	333	Yes
19	5510	9	300	0.333	1	333	Yes
20	5510	9	300	0.333	1	333	Yes
21	5510	9	300	0.333	1	333	Yes
22	5510	9	300	0.333	1	333	Yes
23	5510	9	300	0.333	1	333	Yes
24	5510	9	300	0.333	1	333	Yes
25	5510	9	300	0.333	1	333	Yes
26	5510	9	300	0.333	1	333	Yes
27	5510	9	300	0.333	1	333	Yes
28	5510	9	300	0.333	1	333	Yes
29	5510	9	300	0.333	1	333	Yes
30	5510	9	300	0.333	1	333	Yes

~End of Report~

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