

TEST REPORT

Product Name : Vision Enhancement Imager
Model Number : TB650 2.0, TB650P 2.0
FCC ID : 2AKU5ZG59

Prepared for : Wuhan Guide Sensmart Tech Co., Ltd
Address : NO.29,Gaoxin 3rd Road,Donghu New-tech Development
Zone,Wuhan City,Hubei,P.R.China

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Report Number : ENS2506200031W00504R
Date(s) of Tests : June 30, 2025 to July 21, 2025
Date of issue : July 24, 2025

扫二维码

1 TEST RESULT CERTIFICATION

Applicant : Wuhan Guide Sensmart Tech Co., Ltd
Address : NO.29,Gaoxin 3rd Road,Donghu New-tech Development Zone,Wuhan City,Hubei,P.R.China
Manufacturer : Wuhan Guide Sensmart Tech Co., Ltd
Address : NO.29,Gaoxin 3rd Road,Donghu New-tech Development Zone,Wuhan City,Hubei,P.R.China
EUT : Vision Enhancement Imager
Model Name : TB650 2.0, TB650P 2.0
Trademark : Guide

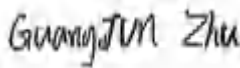
Measurement Procedure Used:

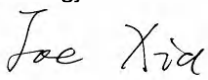
APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR Part 15, Subpart E	PASS

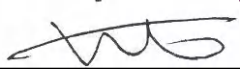
The above equipment was tested by EMTEK (SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Part 15.407

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

Date of Test : June 30, 2025 to July 21, 2025

Prepared by : 
Guangjun Zhu/Editor

Reviewer : 
Joe Xia /Supervisor

Approve & Authorized Signer : 
Lisa Wang/Manager

Modified History

Version	Report No.	Revision Date	Summary
V1.0	ENS2506200031W00504R	/	Original Report



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2 EUT TECHNICAL DESCRIPTION

Characteristics	Description
Product	Vision Enhancement Imager
Model Number	TB650 2.0, TB650P 2.0
Sample number	2#
Wifi Type	<input checked="" type="checkbox"/> UNII-1: 5150MHz-5250MHz Band <input checked="" type="checkbox"/> UNII-3: 5725MHz-5850MHz Band
WLAN Supported	<input checked="" type="checkbox"/> 802.11a <input checked="" type="checkbox"/> 802.11n(20MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11n(40MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11ac(20MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11ac(40MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11ax(20MHz channel bandwidth) <input checked="" type="checkbox"/> 802.11ax(40MHz channel bandwidth)
Data Rate	802.11a:54/48/36/24/18/12/9/6Mbps 802.11n:up to 170Mbps 802.11ac:up to 200Mbps 802.11ax:up to 260Mbps
Modulation	<input checked="" type="checkbox"/> OFDM with BPSK/QPSK/16QAM/64QAM for 802.11a/n <input checked="" type="checkbox"/> OFDM with BPSK/QPSK/16QAM/64QAM/256QAM for 802.11ac <input checked="" type="checkbox"/> OFDMA with BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM for 802.11ax
Frequency Range:	<input checked="" type="checkbox"/> 5150MHz-5250MHz Band: 5180-5240MHz for 802.11a 5180-5240MHz for 802.11n(20) 5190-5230MHz for 802.11n(40) 5180-5240MHz for 802.11ac(20) 5190-5230MHz for 802.11ac(40) 5180-5240MHz for 802.11ax(20) 5190-5230MHz for 802.11ax(40) <input checked="" type="checkbox"/> 5725MHz-5850MHz Band: 5745-5825MHz for 802.11a 5745-5825MHz for 802.11n(20) 5755-5795MHz for 802.11n(40) 5745-5825MHz for 802.11ac(20) 5755-5795MHz for 802.11ac(40) 5745-5825MHz for 802.11ax(20) 5755-5795MHz for 802.11ax(40)
TPC Function	<input type="checkbox"/> Applicable <input checked="" type="checkbox"/> Not Applicable
Antenna Type	Internal Antenna
Antenna Gain	4.90 dBi Note: The antenna information provided by the manufacturer will have a certain impact on the test results.

Transmit Power Max	11.79 dBm
Power supply	DC 5V from Adapter DC 3.6V from internal battery
Temperature Range	-25°C ~ +50°C

Note: for more details, please refer to the User's manual of the EUT.



3 SUMMARY OF TEST RESULT

FCC Part Clause	Test Parameter	Verdict	Remark
15.407 (a) 15.407 (e)	99% , 6dB and 26dB Bandwidth	PASS	
15.407 (a)	Maximum Conducted Output Power	PASS	
15.407 (a)	Peak Power Spectral Density	PASS	
15.407 (b)	Radiated Spurious Emission	PASS	
15.407 (b)(6) 15.207	Power Line Conducted Emission	PASS	
15.407(a) 15.203	Antenna Application	PASS	
NOTE1: N/A (Not Applicable) Remark: The test method refers to KDB 789033 and FCC 47 CFR Part 2, Subpart J			

RELATED SUBMITTAL(S) / GRANT(S):

This submittal(s) (test report) is intended for **FCC ID: 2AKU5ZG59** filing to comply with Section 15.407 of the FCC Part 15, Subpart E Rules.

4 TEST METHODOLOGY

4.1 GENERAL DESCRIPTION OF APPLIED STANDARDS

According to its specifications, the EUT must comply with the requirements of the following standards:

FCC 47 CFR Part 15, Subpart E

4.2 MEASUREMENT EQUIPMENT USED

For Conducted Emission Test Equipment

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde & Schwarz	ESCI	101045	2025/5/9	1Year
PULSE LIMTER	Rohde & Schwarz	ESH3-Z2	100107	2025/5/9	1Year
AMN	Rohde & Schwarz	ESH3-Z5	100191	2025/5/9	1Year
AMN	Schwarzbeck	NNLK 8129	8129203	2025/5/9	1Year
V-Network	Rohde & Schwarz	ESH3-Z6	100011	2025/5/9	1Year
V-Network	Rohde & Schwarz	ESH3-Z6	100253	2025/5/9	1Year

For Spurious Emissions Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Pre-Amplifier	HP	8447F	2944A07999	2025/5/9	1Year
EMI Test Receiver	Rohde & Schwarz	ESCI	101414	2025/5/9	1Year
Bilog Antenna	Schwarzbeck	VULB9163	712	2024/6/15	2 Year
Horn antenna	Schwarzbeck	BBHA9120D	9120D-1178	2025/5/17	2 Year
Pre-Amplifie	Bonn	BLMA 0118-5G	2213967B-01	2024/10/18	1Year
Spectrum Analyzer	Rohde & Schwarz	FSV40	100967	2025/5/9	1Year
Horn antenna	Schwarzbeck	BBHA9170	9170-399	2025/5/13	2 Year
Loop Antenna	Schwarzbeck	FMZB1519	1519-012	2025/5/13	2 Year

Cable:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Coaxial Cable	TIMES	NmNm-7-C1570 2	N/A	2025/5/22	1Year
Coaxial Cable	TIMES	HF290-NMSM-6. 5M	N/A	2025/5/22	1Year
Coaxial Cable	TIMES	LMR-240 N-N	N/A	2025/5/22	1Year

For other test items:

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Signal Analyzer	Agilent	N9010A	MY53470879	2025/5/10	1Year
Vector Signal Generater	Agilent	N5182B	MY53050878	2025/5/10	1Year
Analog Signal Generator	Agilent	N5171B	MY53050553	2025/5/10	1Year
RF Control Unit(Power Meter)	Tonscend	JS0806-2	\	2025/5/10	1Year
Temperature&Hum idity Chamber	ESPEC	EL-02KA	12107166	2025/5/10	1Year

4.3 DESCRIPTION OF TEST MODES

The EUT has been tested under its typical operating condition.

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

☒ Wifi 5G with U-NII - 1

Frequency and Channels list for 802.11a/n20/ac20/ax20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220		
40	5200	48	5240		

Frequency and Channels list for 802.11n40/ac40/ax40:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190				
46	5230				

Test Frequency and Channels for 802.11a/n20/ac20/ax20:

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	48	5240

Test Frequency and channels for 802.11n40/ac40/ax40:

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	N/A	N/A	46	5230

☑ Wifi 5G with U-NII - 3

Frequency and Channels list for 802.11a/n20/ac20/ax20:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785	165	5825
153	5765	161	5805	-	-

Frequency and Channels list for 802.11n40/ac40/ax40:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	-	-	-	-
159	5795	-	-	-	-

Test Frequency and Channels for 802.11a/n20/ac20/ax20:

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785	165	5825

Test Frequency and channels for 802.11n40/ac40/ax40:

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	-	-	159	5795

5 FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

Building 69, Majialong Industry Zone District, Nanshan District, Shenzhen, China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 22.

5.2 LABORATORY ACCREDITATIONS AND LISTINGS

Site Description

EMC Lab.

: **Accredited by CNAS**

The Certificate Registration Number is L2291

The Laboratory has been assessed and proved to be in compliance with
CNAS-CL01 (identical to ISO/IEC 17025:2017)

Accredited by FCC

Designation Number: CN1204

Test Firm Registration Number: 882943

Accredited by A2LA

The Certificate Number is 4321.01

Accredited by Industry Canada

The Conformity Assessment Body Identifier is CN0008

Name of Firm

: EMTEK (SHENZHEN) CO., LTD.

Site Location

: Building 69, Majialong Industry Zone, Nanshan District, Shenzhen,
Guangdong, China

6 TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

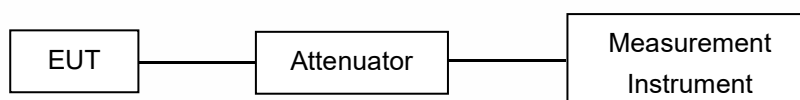
Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-5}$
Maximum Peak Output Power Test	$\pm 1.0\text{dB}$
Conducted Emissions Test	$\pm 2.0\text{dB}$
Radiated Emission Test	$\pm 2.0\text{dB}$
Power Density	$\pm 2.0\text{dB}$
Occupied Bandwidth Test	$\pm 1.0\text{dB}$
Band Edge Test	$\pm 3\text{dB}$
All emission, radiated	$\pm 3\text{dB}$
Antenna Port Emission	$\pm 3\text{dB}$
Temperature	$\pm 0.5^\circ\text{C}$
Humidity	$\pm 3\%$

Measurement Uncertainty for a level of Confidence of 95%

7 SETUP OF EQUIPMENT UNDER TEST

7.1 RADIO FREQUENCY TEST SETUP

The WLAN component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



7.2 RADIO FREQUENCY TEST SETUP

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10. The test distance is 3m. The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.

Below 30MHz:

The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna (loop antenna). The Antenna should be positioned with its plane vertical at the specified distance from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. The center of the loop shall be 1 m above the ground. For certain applications, the loop antenna plane may also need to be positioned horizontally at the specified distance from the EUT.

Above 30MHz:

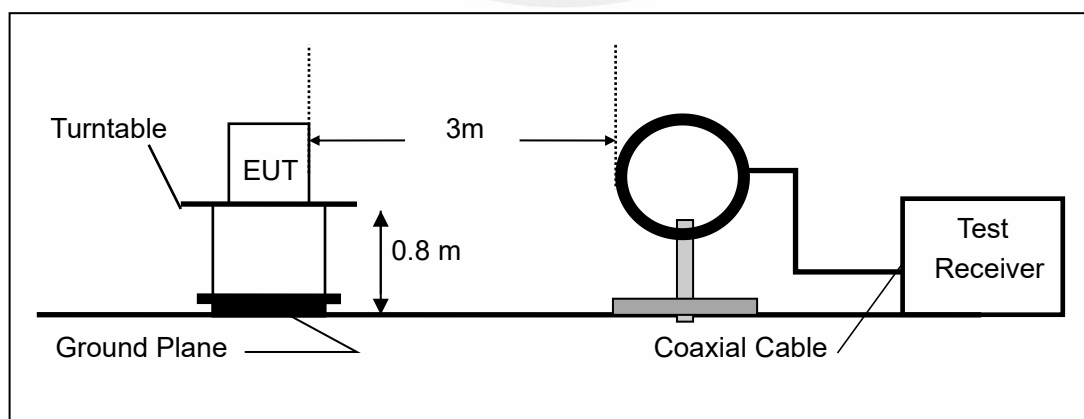
The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

Above 1GHz:

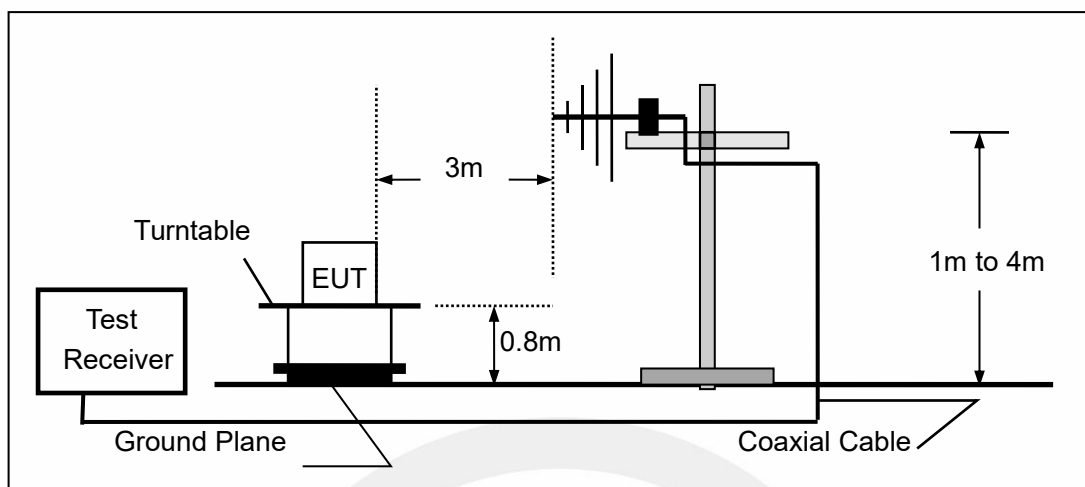
(Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.)

The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

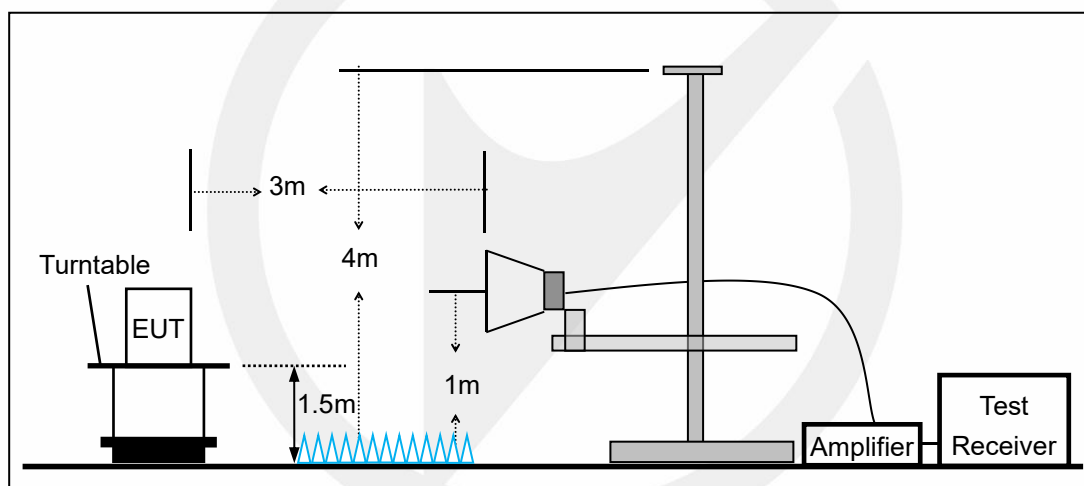
(a) Radiated Emission Test Set-Up, Frequency Below 30MHz



(b) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(c) Radiated Emission Test Set-Up, Frequency above 1000MHz

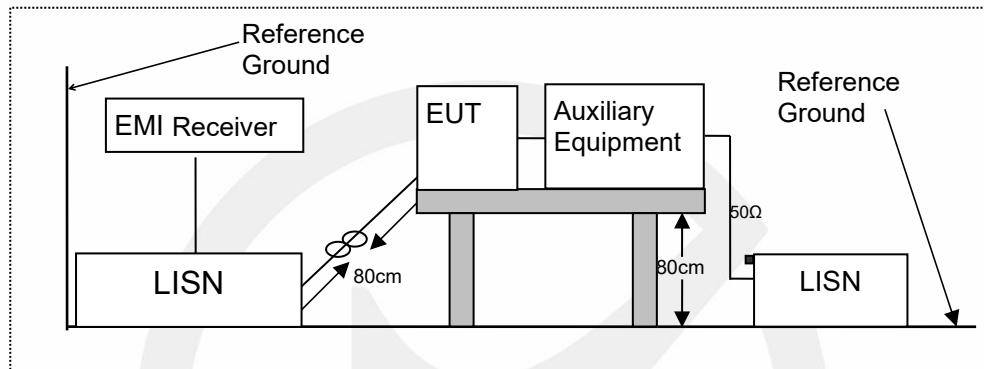


7.3 CONDUCTED EMISSION TEST SETUP

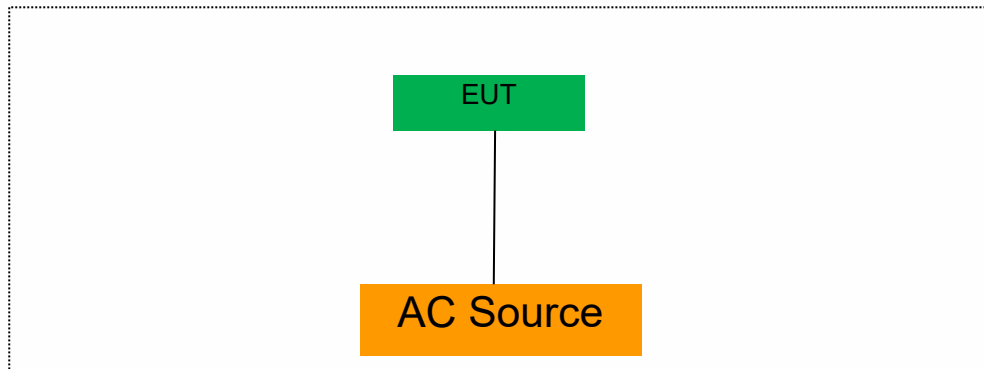
The mains cable of the EUT (maybe per AC/DC Adapter) must be connected to LISN. The LISN shall be placed 0.8 m from the boundary of EUT and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance is between the closest points of the LISN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8m from the LISN.

Ground connections, where required for safety purposes, shall be connected to the reference ground point of the LISN and, where not otherwise provided or specified by the manufacturer, shall be of same length as the mains cable and run parallel to the mains connection at a separation distance of not more than 0.1 m.

According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.



7.4 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM



7.5 SUPPORT EQUIPMENT

EUT Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Cable List and Details			
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite
/	/	/	/

Auxiliary Equipment List and Details			
Description	Manufacturer	Model	Serial Number
/	/	/	/

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

8 TEST REQUIREMENTS

8.1 BANDWIDTH MEASUREMENT

8.1.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I
According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C
According to FCC Part 15.407(a)(3) for UNII Band III
According to FCC Part 15.407(e) for UNII Band III
According to 789033 D02 Section II(C)
According to 789033 D02 Section II(D)

8.1.2 Conformance Limit

(1) For the band 5.15-5.25 GHz.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(e) Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

8.1.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

8.1.4 Test Procedure

According to 789033 D02 v02r01 section C&D, the following is the measurement procedure.

1. Emission Bandwidth (EBW)

a) Set RBW = approximately 1% of the emission bandwidth.

b) Set the VBW > RBW.

c) Detector = Peak.

d) Trace mode = max hold.

e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.

Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

2. Minimum Emission Bandwidth for the band 5.725-5.85 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

D. 99 Percent Occupied Bandwidth

The 99-percent occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5 % of the total mean power of the given emission. Measurement of the 99-percent occupied bandwidth is required only as a condition for using the optional band-edge measurement techniques described in section II.G.3.d). Measurements of 99-percent occupied bandwidth may also optionally be used in lieu of the EBW to 789033 D02 v01r02 General UNII Test Procedures New Rules v01 define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in section II.E. However, the EBW must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with 15.407(a).

The following procedure shall be used for measuring (99 %) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW $\geq 3 \cdot$ RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

8.1.5 Test Results

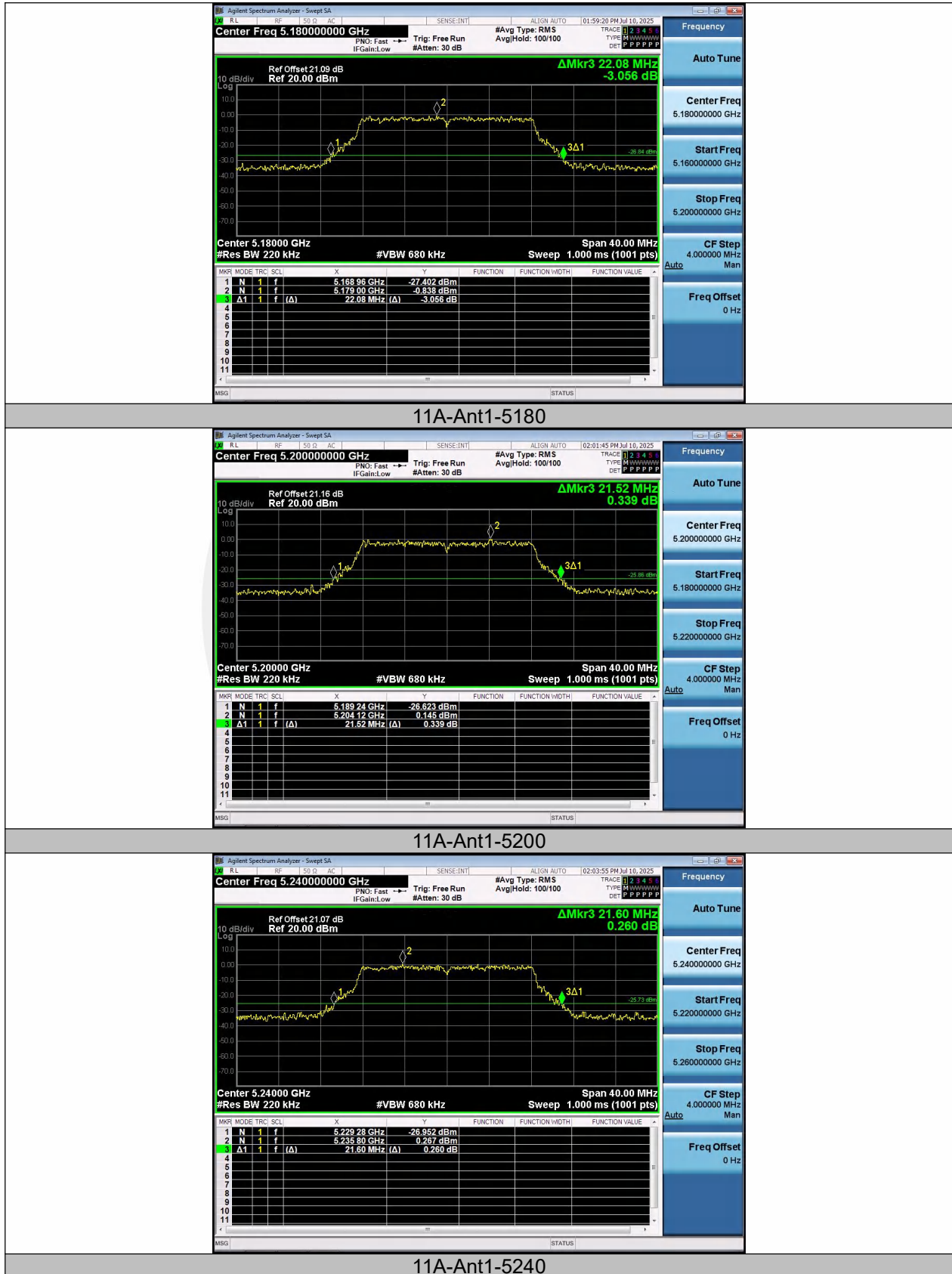
Emission Bandwidth

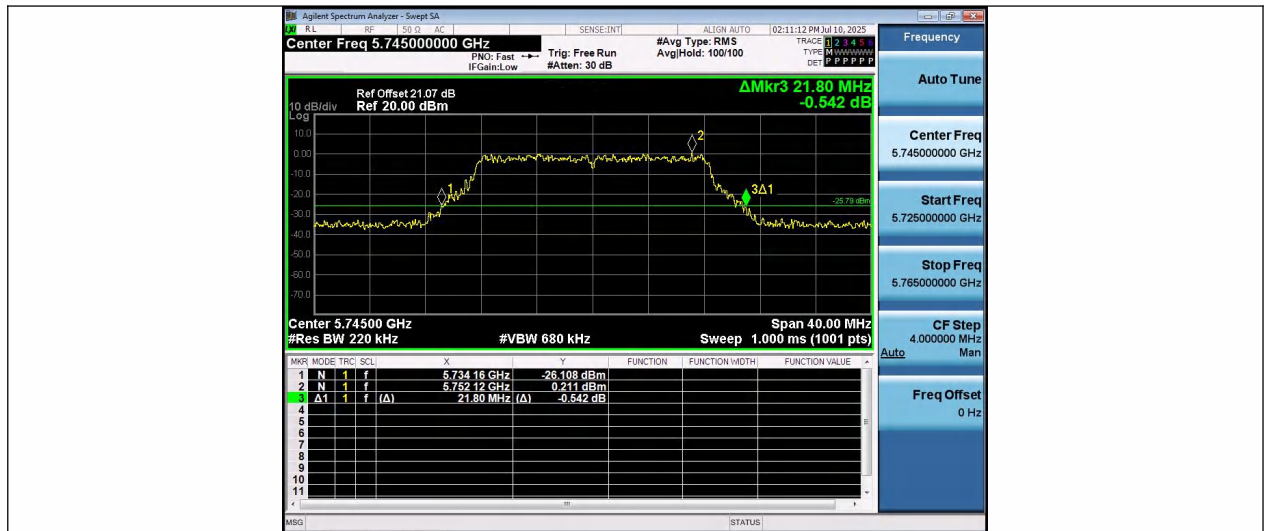
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.080	5168.960	5191.040	---	---
11A	Ant1	5200	21.520	5189.240	5210.760	---	---
11A	Ant1	5240	21.600	5229.280	5250.880	---	---
11A	Ant1	5745	21.800	5734.160	5755.960	---	---
11A	Ant1	5785	21.920	5773.920	5795.840	---	---
11A	Ant1	5825	22.120	5814.080	5836.200	---	---
11N20SISO	Ant1	5180	22.080	5168.960	5191.040	---	---
11N20SISO	Ant1	5200	21.920	5189.040	5210.960	---	---
11N20SISO	Ant1	5240	21.920	5229.160	5251.080	---	---
11N20SISO	Ant1	5745	21.720	5734.080	5755.800	---	---
11N20SISO	Ant1	5785	22.120	5773.880	5796.000	---	---
11N20SISO	Ant1	5825	21.480	5814.280	5835.760	---	---
11N40SISO	Ant1	5190	41.120	5169.520	5210.640	---	---
11N40SISO	Ant1	5230	40.800	5209.840	5250.640	---	---
11N40SISO	Ant1	5755	40.480	5734.760	5775.240	---	---
11N40SISO	Ant1	5795	40.560	5774.760	5815.320	---	---
11AC20SISO	Ant1	5180	22.160	5168.880	5191.040	---	---
11AC20SISO	Ant1	5200	22.480	5188.880	5211.360	---	---
11AC20SISO	Ant1	5240	21.320	5229.440	5250.760	---	---
11AC20SISO	Ant1	5745	22.040	5733.960	5756.000	---	---
11AC20SISO	Ant1	5785	22.000	5774.040	5796.040	---	---
11AC20SISO	Ant1	5825	21.360	5814.280	5835.640	---	---
11AC40SISO	Ant1	5190	40.880	5169.520	5210.400	---	---
11AC40SISO	Ant1	5230	40.480	5209.760	5250.240	---	---
11AC40SISO	Ant1	5755	40.480	5734.840	5775.320	---	---
11AC40SISO	Ant1	5795	40.160	5774.920	5815.080	---	---
11AX20SISO	Ant1	5180	21.680	5169.320	5191.000	---	---
11AX20SISO	Ant1	5200	21.960	5188.960	5210.920	---	---
11AX20SISO	Ant1	5240	21.640	5228.960	5250.600	---	---
11AX20SISO	Ant1	5745	21.720	5734.160	5755.880	---	---
11AX20SISO	Ant1	5785	21.880	5774.160	5796.040	---	---
11AX20SISO	Ant1	5825	22.000	5813.840	5835.840	---	---
11AX40SISO	Ant1	5190	40.960	5169.760	5210.720	---	---
11AX40SISO	Ant1	5230	40.800	5209.520	5250.320	---	---
11AX40SISO	Ant1	5755	41.360	5734.280	5775.640	---	---
11AX40SISO	Ant1	5795	40.880	5774.280	5815.160	---	---

Occupied channel bandwidth

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.727	5171.0979	5188.8249	---	---
11A	Ant1	5200	17.779	5191.0983	5208.8773	---	---
11A	Ant1	5240	17.856	5231.0197	5248.8757	---	---
11A	Ant1	5745	17.778	5736.0406	5753.8186	---	---
11A	Ant1	5785	17.760	5776.0861	5793.8461	---	---
11A	Ant1	5825	17.740	5816.0647	5833.8047	---	---
11N20SISO	Ant1	5180	18.587	5170.7201	5189.3071	---	---
11N20SISO	Ant1	5200	18.508	5190.7762	5209.2842	---	---
11N20SISO	Ant1	5240	18.546	5230.7838	5249.3298	---	---
11N20SISO	Ant1	5745	18.586	5735.7088	5754.2948	---	---
11N20SISO	Ant1	5785	18.513	5775.7086	5794.2216	---	---
11N20SISO	Ant1	5825	18.522	5815.7614	5834.2834	---	---
11N40SISO	Ant1	5190	37.043	5171.4787	5208.5217	---	---
11N40SISO	Ant1	5230	36.894	5211.5693	5248.4633	---	---
11N40SISO	Ant1	5755	36.935	5736.5170	5773.4520	---	---
11N40SISO	Ant1	5795	36.958	5776.4588	5813.4168	---	---
11AC20SISO	Ant1	5180	18.531	5170.7583	5189.2893	---	---
11AC20SISO	Ant1	5200	18.562	5190.7344	5209.2964	---	---
11AC20SISO	Ant1	5240	18.537	5230.7612	5249.2982	---	---
11AC20SISO	Ant1	5745	18.507	5735.7545	5754.2615	---	---
11AC20SISO	Ant1	5785	18.509	5775.7102	5794.2192	---	---
11AC20SISO	Ant1	5825	18.519	5815.7331	5834.2521	---	---
11AC40SISO	Ant1	5190	37.025	5171.5724	5208.5974	---	---
11AC40SISO	Ant1	5230	36.889	5211.6196	5248.5086	---	---
11AC40SISO	Ant1	5755	36.928	5736.5663	5773.4943	---	---
11AC40SISO	Ant1	5795	36.981	5776.5338	5813.5148	---	---
11AX20SISO	Ant1	5180	19.464	5170.2767	5189.7407	---	---
11AX20SISO	Ant1	5200	19.411	5190.2991	5209.7101	---	---
11AX20SISO	Ant1	5240	19.353	5230.3195	5249.6725	---	---
11AX20SISO	Ant1	5745	19.350	5735.2950	5754.6450	---	---
11AX20SISO	Ant1	5785	19.452	5775.2562	5794.7082	---	---
11AX20SISO	Ant1	5825	19.378	5815.2830	5834.6610	---	---
11AX40SISO	Ant1	5190	38.066	5170.9786	5209.0446	---	---
11AX40SISO	Ant1	5230	38.031	5211.0190	5249.0500	---	---
11AX40SISO	Ant1	5755	38.065	5735.9698	5774.0348	---	---
11AX40SISO	Ant1	5795	38.105	5775.8855	5813.9905	---	---

Emission Bandwidth





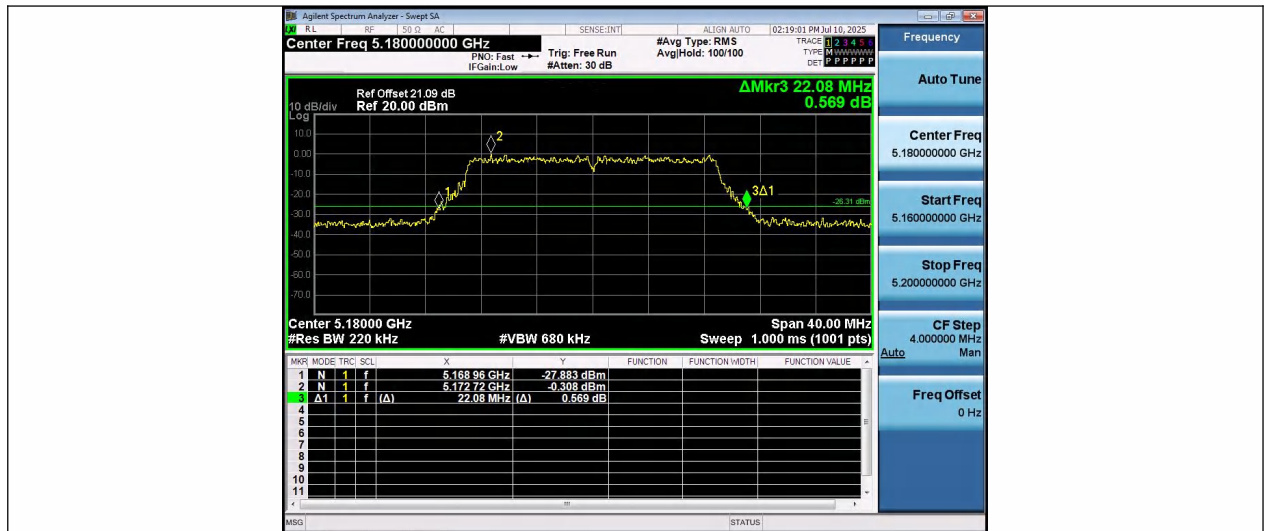
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11A-Ant1-5785



11A-Ant1-5825



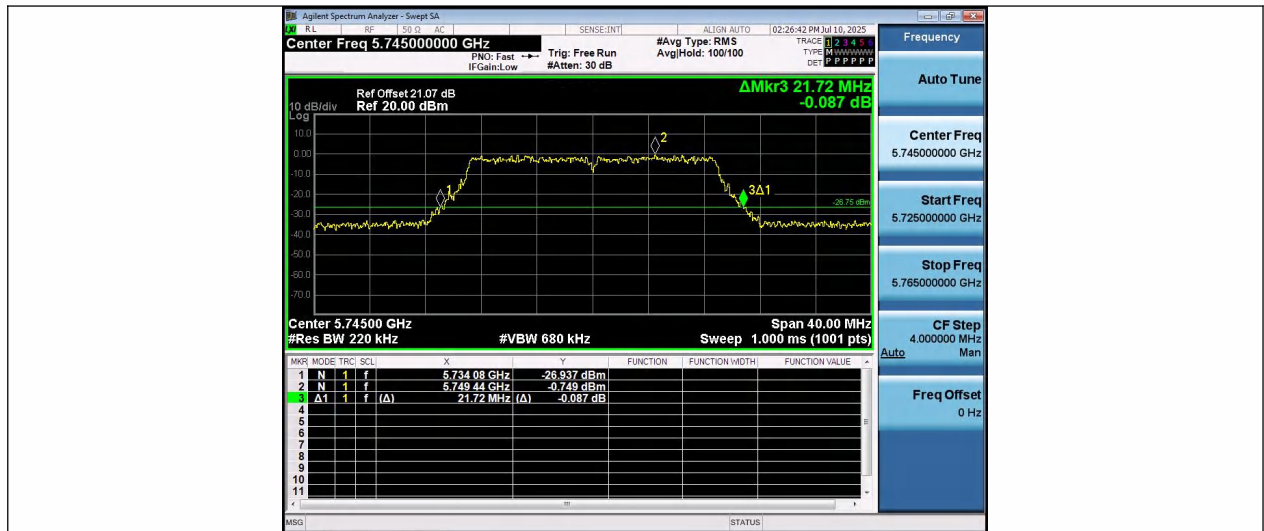
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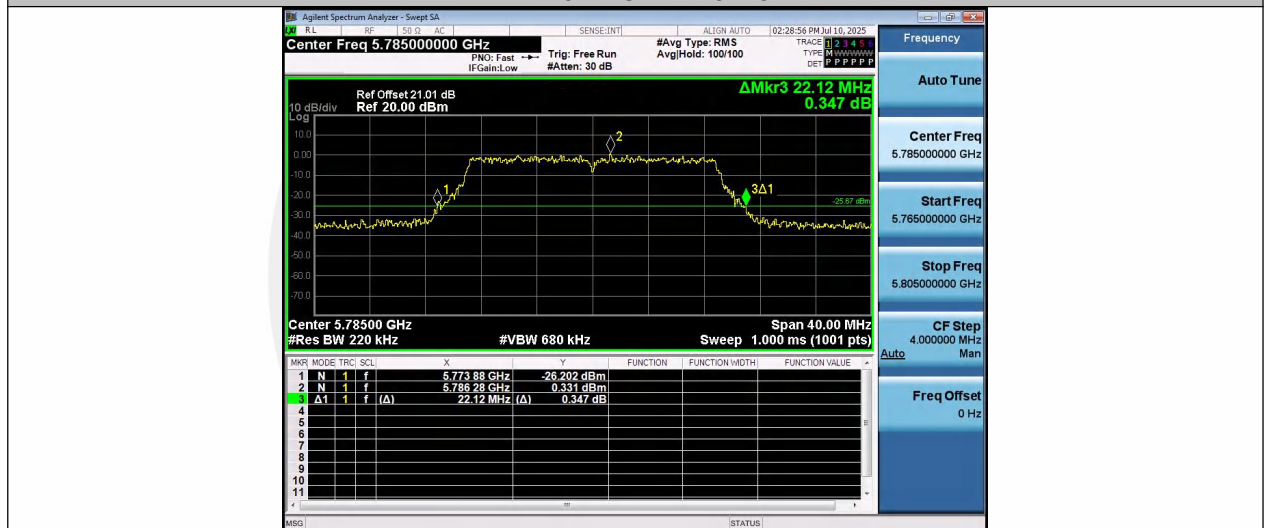
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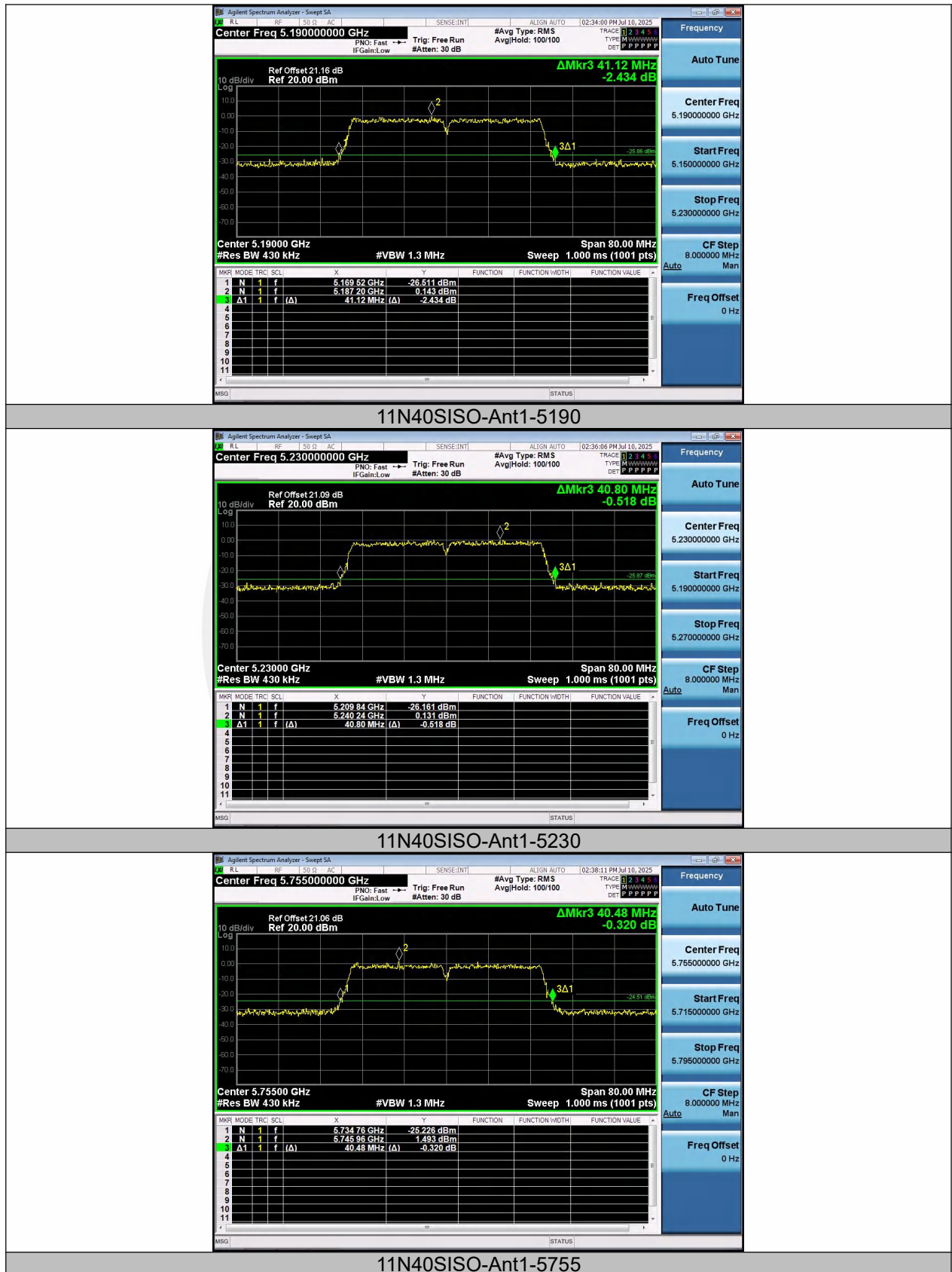
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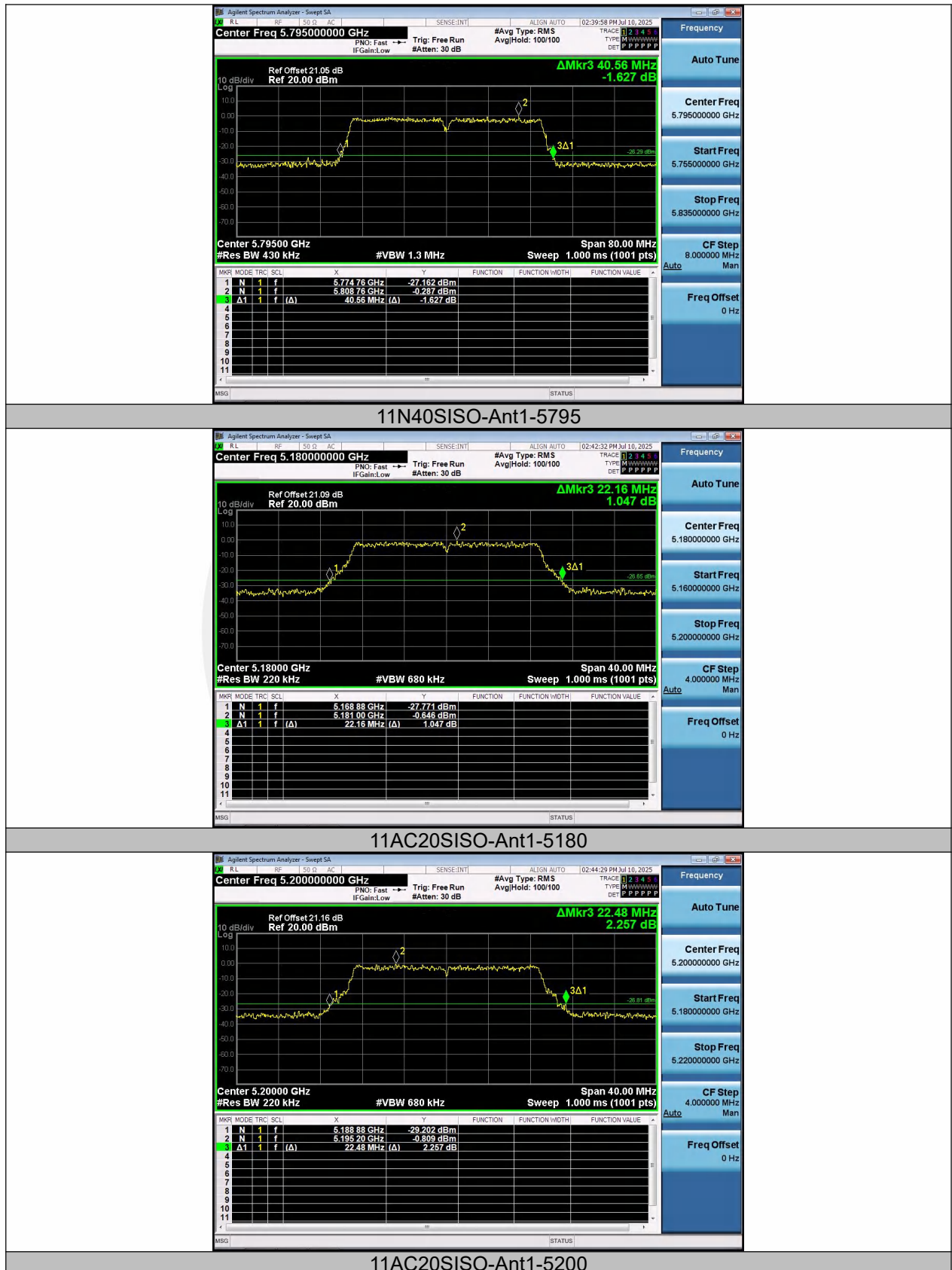


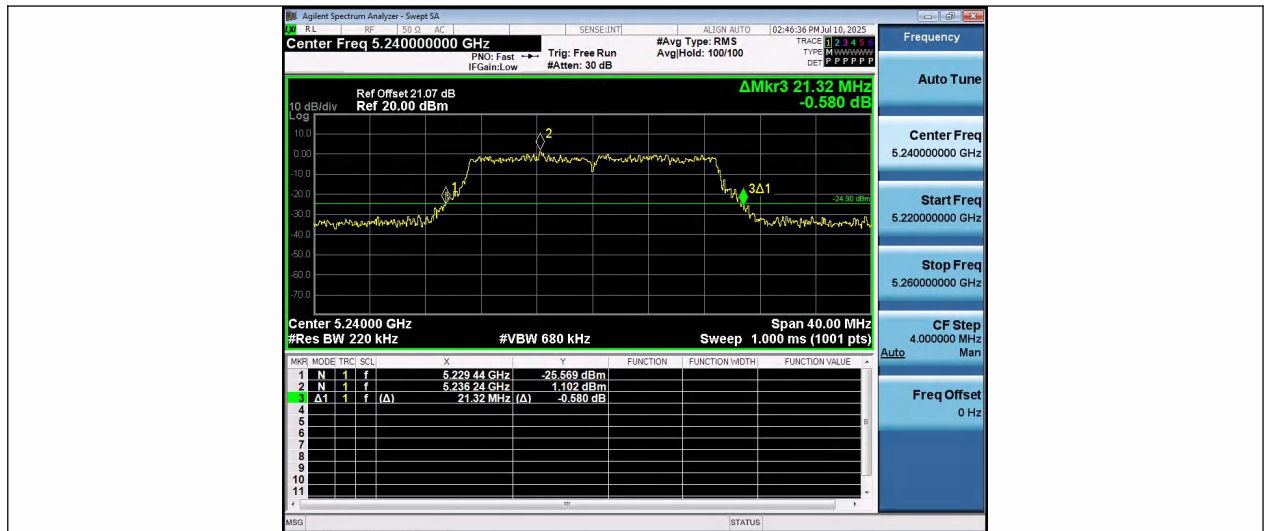
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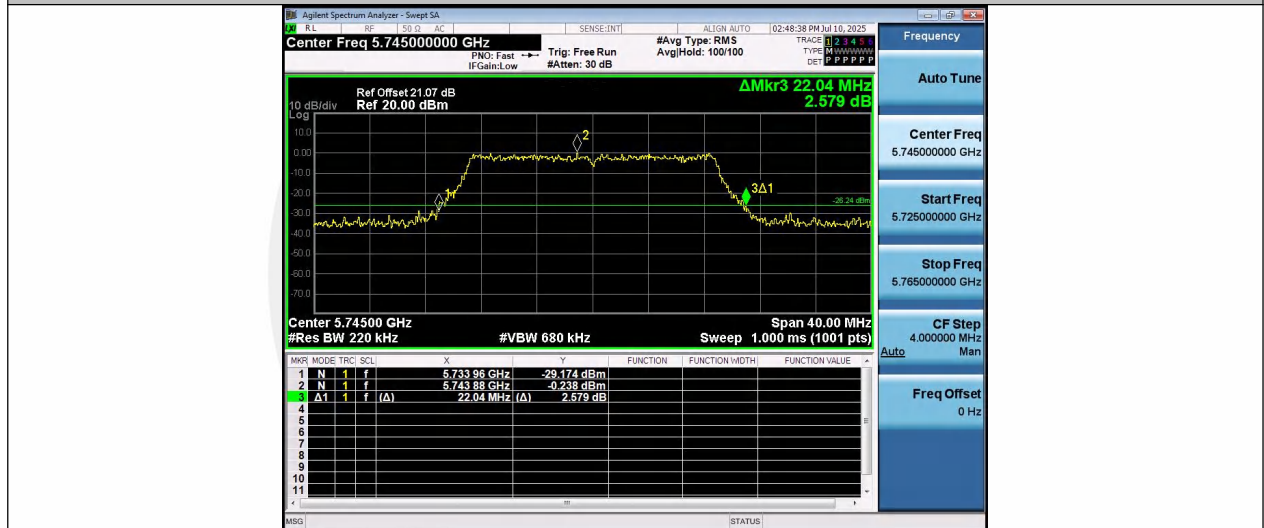
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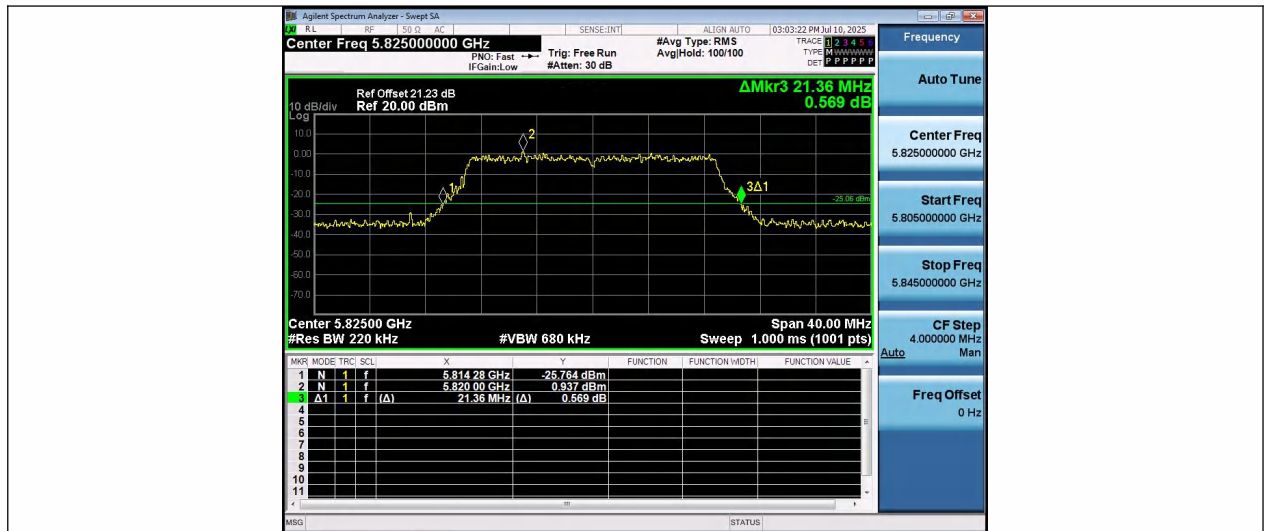
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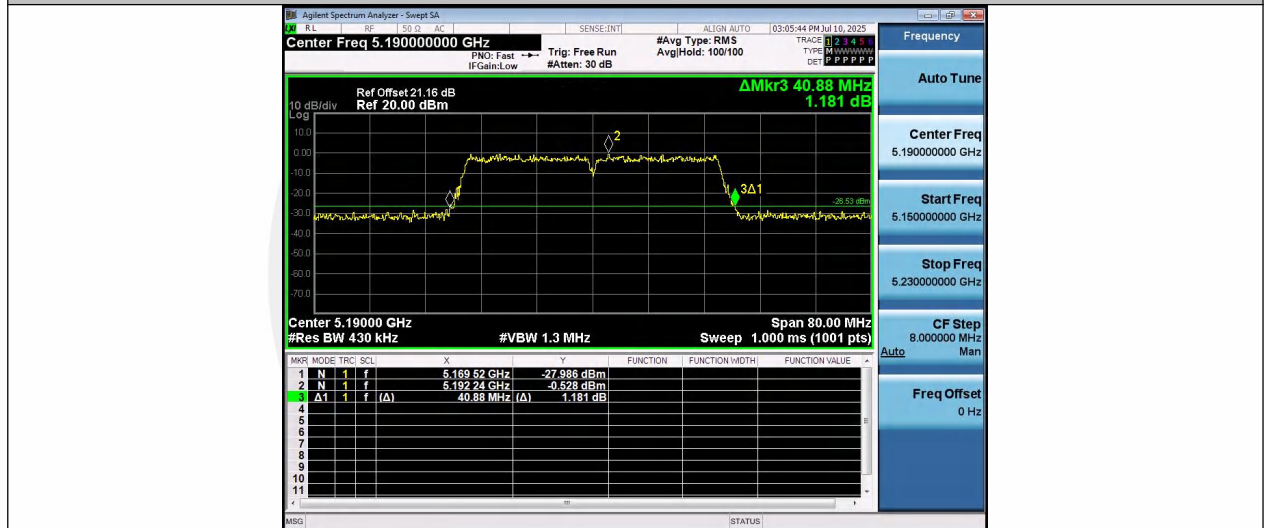
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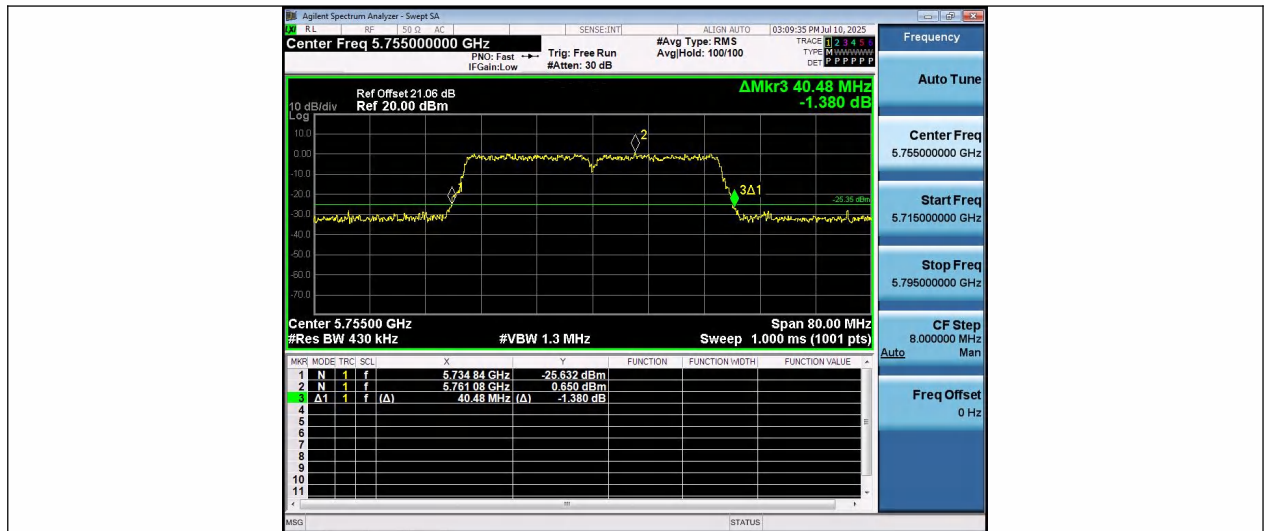
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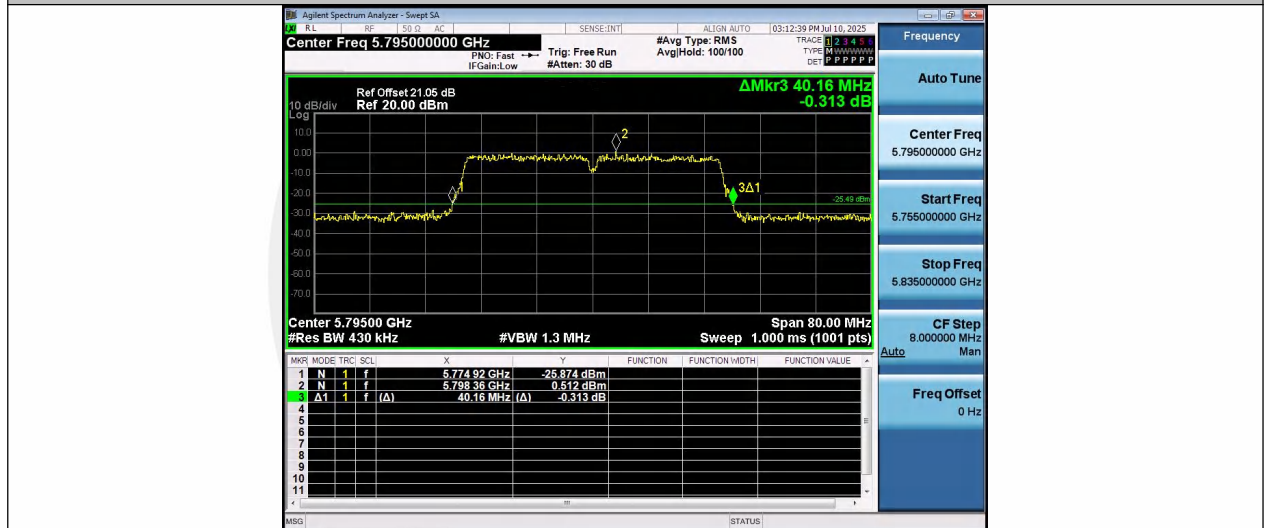
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11AC40SISO-Ant1-5230



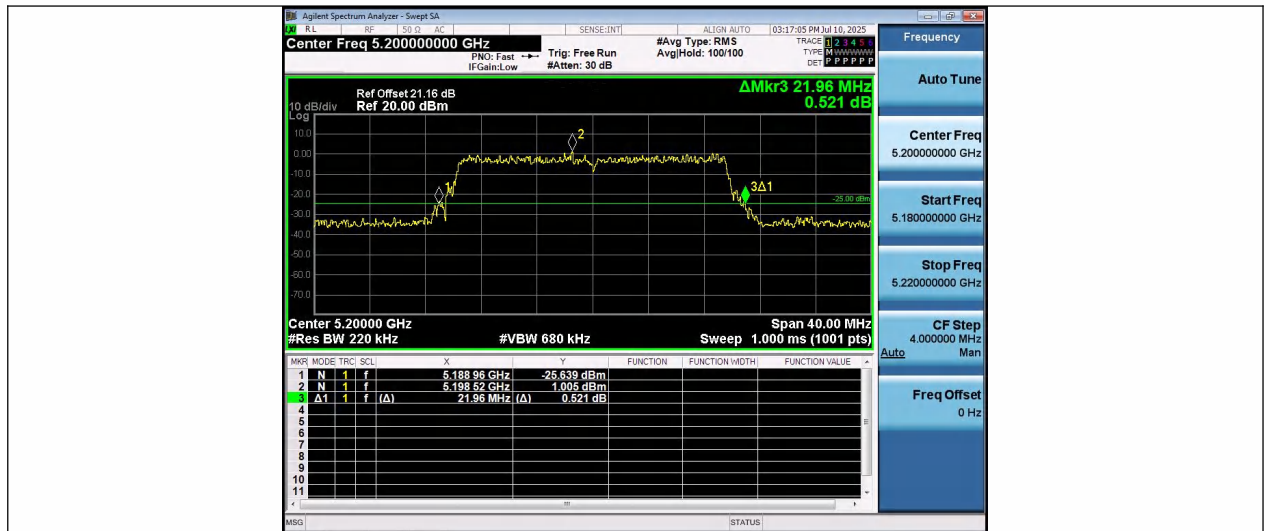
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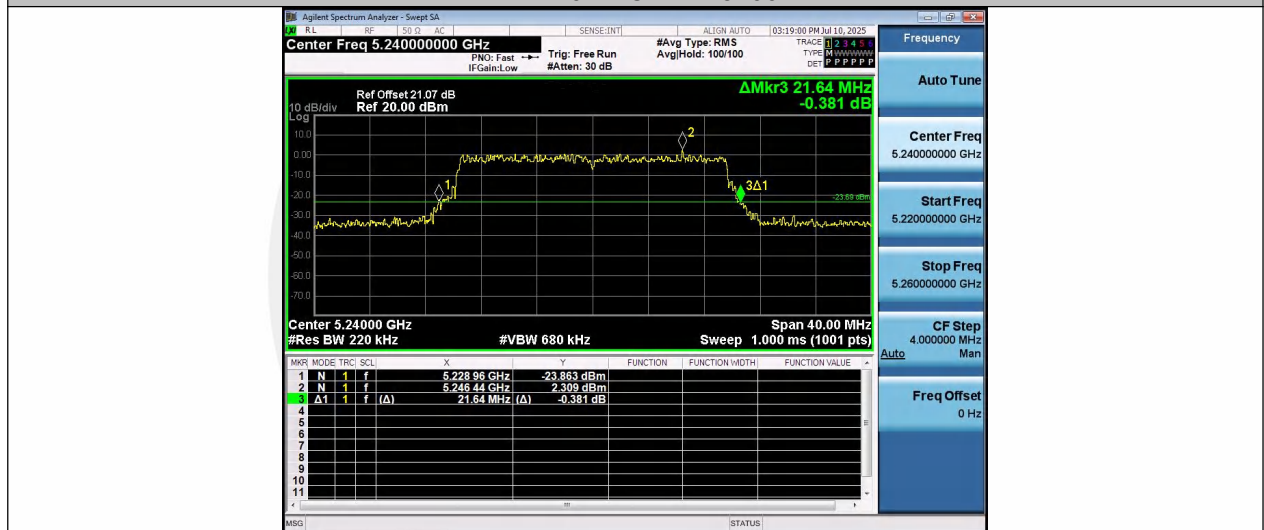
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11AX20SISO-Ant1-5180



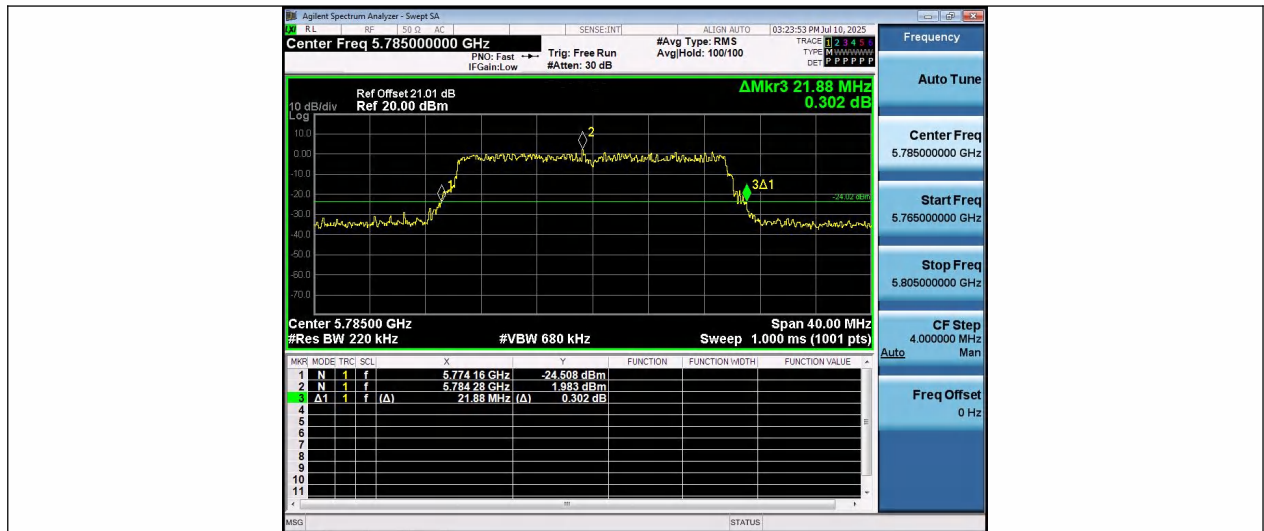
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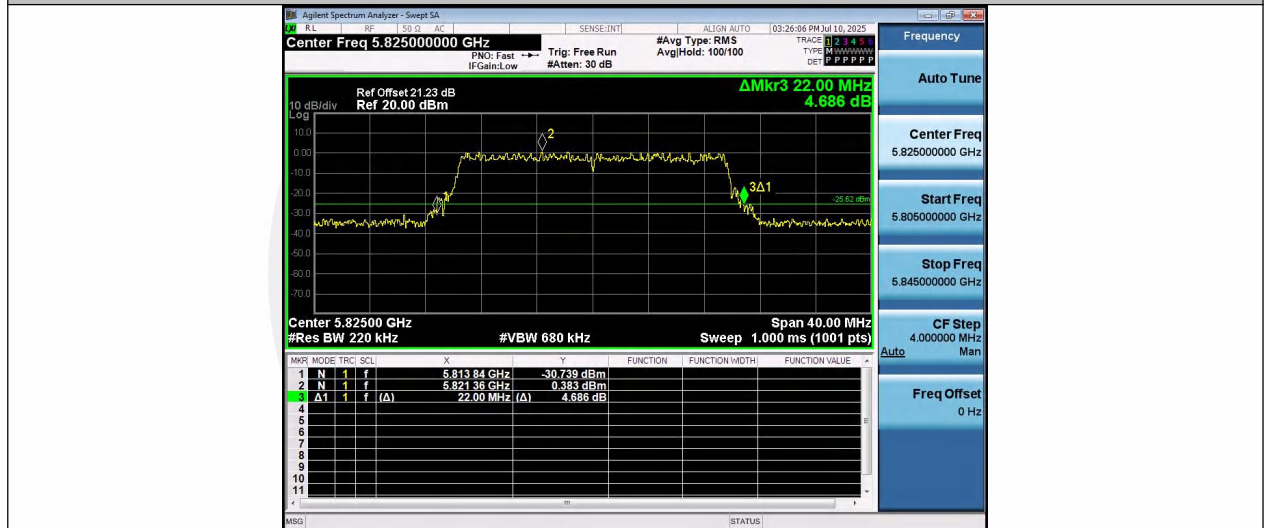
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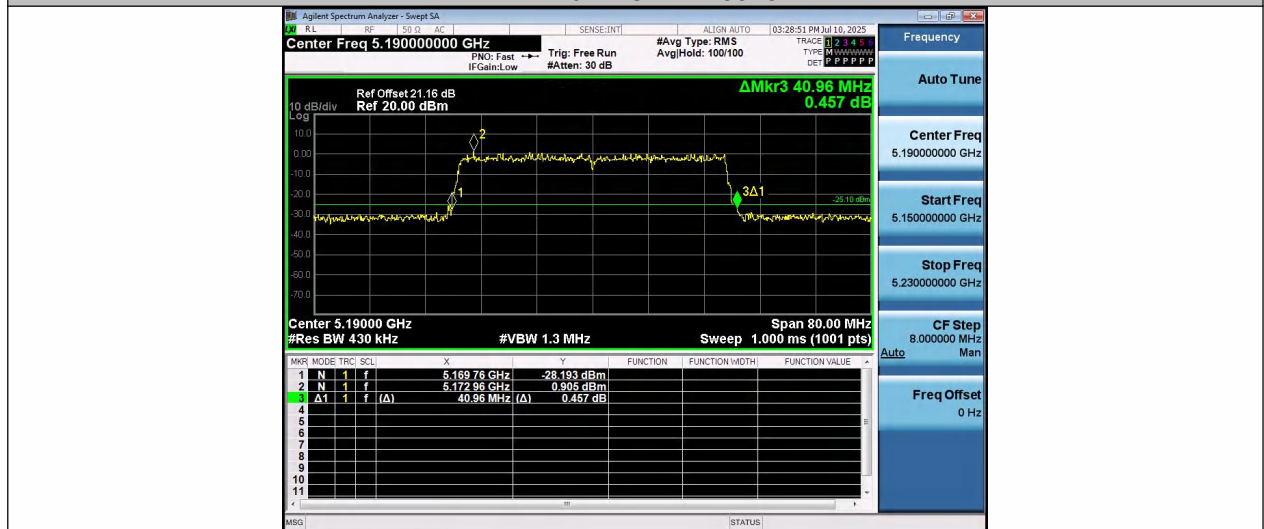
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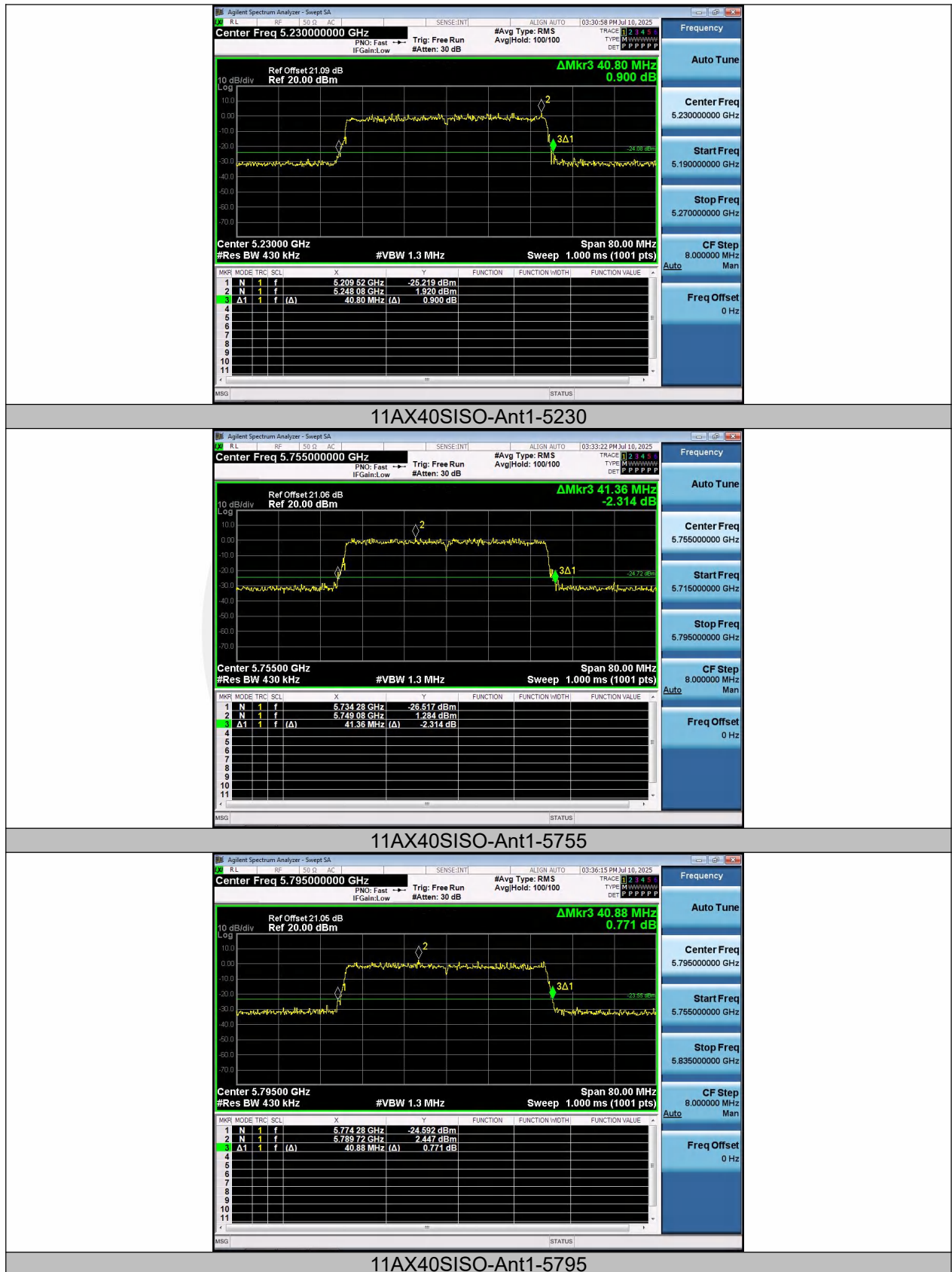
11AX20SISO-Ant1-5785



11AX20SISO-Ant1-5825

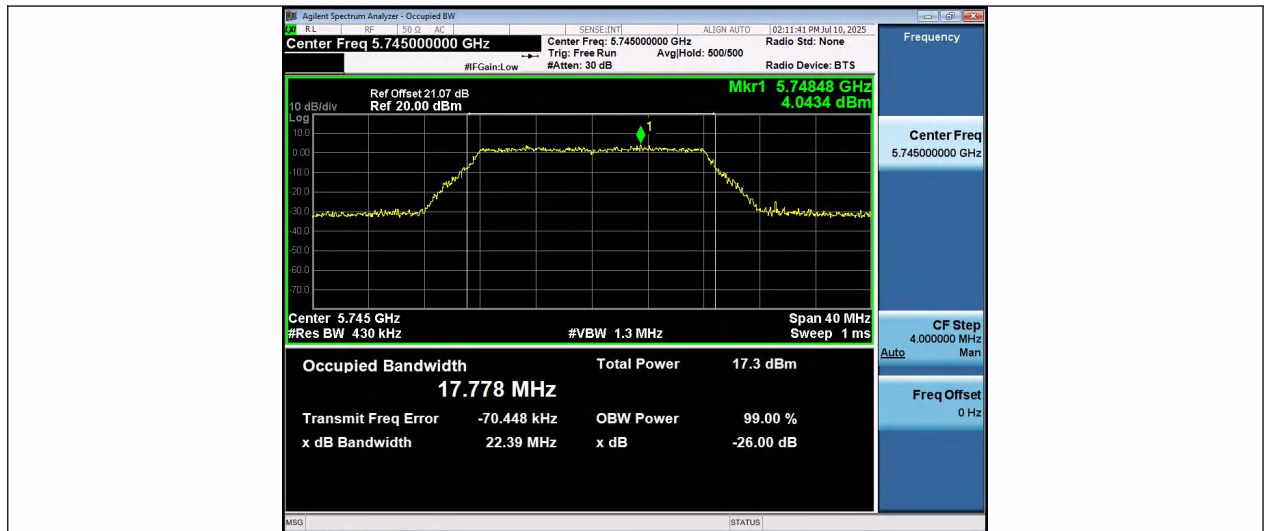


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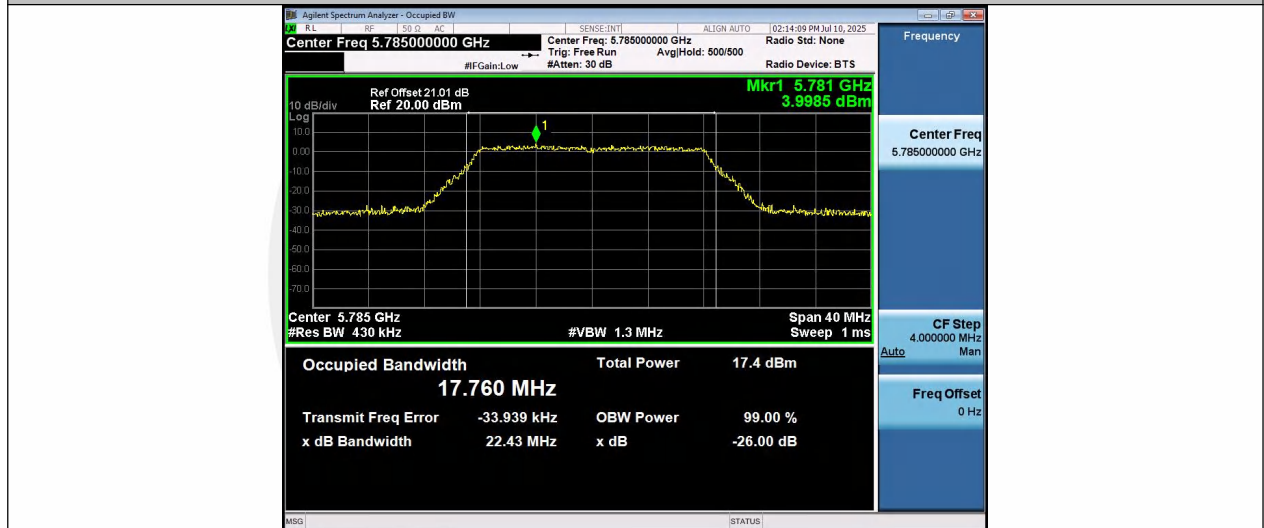


Occupied channel bandwidth

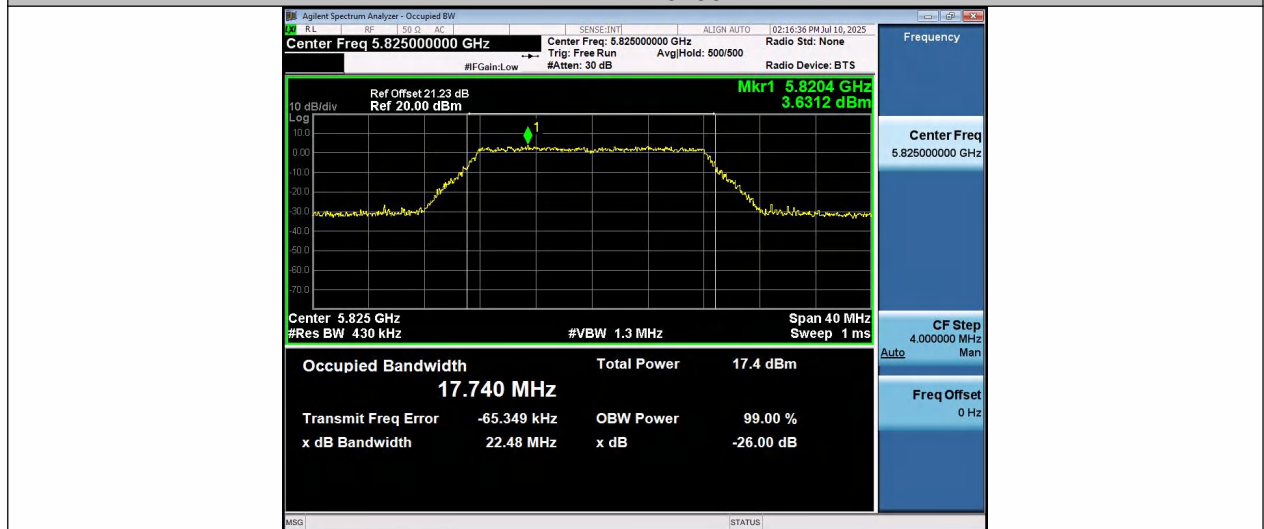




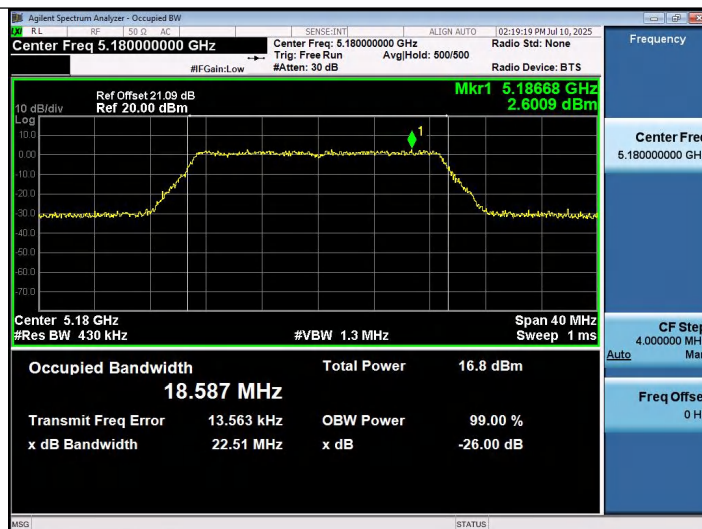
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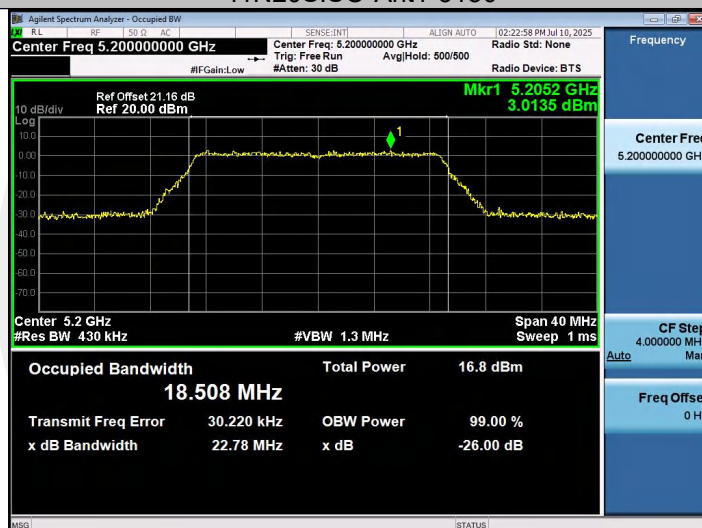
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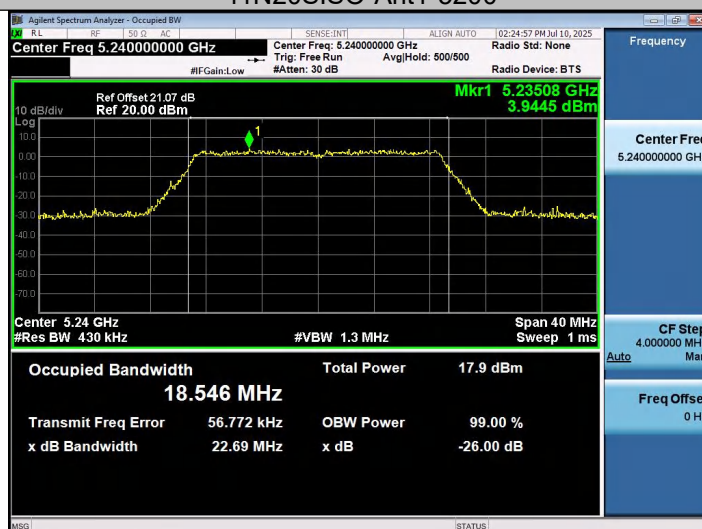
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11N20SISO-Ant1-5180



11N20SISO-Ant1-5200



11N20SISO-Ant1-5240