

# ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



**Applicant:** silex technology, Inc.  
2-3-1 Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-0237,  
Japan

**Manufacturer:** silex technology, Inc.  
2-3-1 Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-0237,  
Japan

**Product Name:** SX-PCEAX-AP

**Brand Name:** Silex Technology

**Model No.:** SX-PCEAX-AP

**Model Difference:** N/A

**Report Number:** TERF2310002605ER

**FCC ID** N6C-PCEAXAP

**IC:** 4908A-PCEAXAP

**Date of EUT Received:** October 17, 2023

**Date of Test:** October 17, 2023~December 6, 2023

**Issue Date:** February 5, 2024

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

**Blue Yang**

## We hereby certify that:

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

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

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## Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2310002605ER	00	Original.	February 5, 2024	Susan Lin	

**Note:**

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

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## 1 GENERAL INFORMATION

### 1.1 Product Description

Product Name:	SX-PCEAX-AP
Brand Name:	Silex Technology
Model No.:	SX-PCEAX-AP
Model Difference:	N/A
Hardware Version:	N/A
Firmware Version:	N/A
EUT Series No.:	ES4-3
Power Supply:	3.3Vdc
Test Software (Name/Version):	QRCT / 4.0.00203.0

### 1.2 Modulation & Data Rate

Modulation type:	64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11a,11n
	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11ac
	1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11ax
Transition Rate:	802.11 a: 6 - 54 Mbps
	802.11 n_20MHz: up to 144.4 Mbps
	802.11 n_40MHz: up to 300 Mbps
	802.11 ac_20MHz: up to 173.4 Mbps
	802.11 ac_40MHz: up to 400 Mbps
	802.11 ac_80MHz: up to 866.6 Mbps
	802.11 ac_160MHz: up to 1733.4 Mbps
	802.11 ax_20MHz: up to 286.8 Mbps
	802.11 ax_40MHz: up to 573.6 Mbps
	802.11 ax_80MHz: up to 1201 Mbps
802.11 ax_160MHz: up to 2402 Mbps	

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### 1.3 Antenna Designation

Antenna Type	Supplier	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Directional Gain (dBi)
Dipole	Molex	146153	5150~5250	3.175	6.185
			5250~5350	2.975	5.985
			5470~5725	4.275	7.285
			5725~5850	3.775	6.785
Dipole	Unictron Technologies Corporation	AA258	5150~5250	3.22	6.23
			5250~5350	3.91	6.92
			5470~5725	2.77	5.78
			5725~5850	3.92	6.93

**Note:**

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

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1.4 FCC

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)	Modulation Technology
a/ n_HT/ ac_VHT/ ax_HE 20M	5180~5240	4	19.42 dBm	OFDM
	5260~5320	4	19.41 dBm	OFDM
	5500~5720	12	19.49 dBm	OFDM
	5745-5825	5	19.22 dBm	OFDM
n_HT ac_VHT/ ax_HE 40M	5190~5230	2	19.30 dBm	OFDMA
	5270~5310	2	19.48 dBm	OFDMA
	5510~5710	6	19.40 dBm	OFDMA
	5755-5795	2	19.28 dBm	OFDMA
ac_VHT/ ax_HE 80M	5210	1	10.90 dBm	OFDMA
	5290	1	15.48 dBm	OFDM
	5530~5690	3	18.17 dBm	OFDMA
	5775	1	17.43 dBm	OFDMA
ac_VHT/ ax_HE 160M	5250	1	12.11 dBm	OFDMA
	5570	1	14.93 dBm	OFDMA

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**Low Power**

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)	Modulation Technology
a/ n_HT/ ac_VHT/ ax_HE 20M	5180~5240	4	14.49 dBm	OFDM
n_HT ac_VHT/ ax_HE 40M	5190~5230	2	18.04 dBm	OFDMA
ac_VHT/ ax_HE 80M	5210	1	10.90 dBm	OFDMA
ac_VHT/ ax_HE 160M	5250	1	12.11 dBm	OFDMA

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1.5 ISED

WLAN 5 GHz for ISED

Wi-Fi	Frequency Range	Channels	EIRP/Avg	Rated Power(EIRP/Avg) (dBm) (Worst Case)	Modulation Technology
a/ n_HT/ ac_VHT/ ax_HE 20M	5180~5240	4	EIRP	17.71 dBm	OFDM
n_HT ac_VHT/ ax_HE 40M	5190~5230	2	EIRP	21.26 dBm	OFDMA
ac_VHT/ ax_HE 80M	5210	1	EIRP	14.12 dBm	OFDMA
ac_VHT/ ax_HE 160M	5250	1	Avg	15.33 dBm	OFDMA

WLAN 5 GHz for ISED

Wi-Fi	Frequency Range	Channels	EIRP/Avg	(Rated Power(EIRP/Avg) (dBm) (Worst Case)	Modulation Technology
a/ n_HT/ ac_VHT/ ax_HE 20M	5260~5320	4	Avg	19.41 dBm	OFDM
	(*5500~5700)	8	Avg	19.49 dBm	OFDM
	5720 (U-NII 2C)	1	Avg	18.08 dBm	OFDM
	5720 (U-NII 3)	1	Avg	13.36 dBm	OFDMA
	5745-5825	5	Avg	19.22 dBm	OFDM
n_HT ac_VHT/ ax_HE 40M	5270~5310	2	Avg	19.48 dBm	OFDMA
	(*5510~5670)	3	Avg	19.40 dBm	OFDMA
	5710 (U-NII 2C)	1	Avg	18.72 dBm	OFDMA
	5710 (U-NII 3)	1	Avg	10.31 dBm	OFDMA
	5755-5795	2	Avg	19.28 dBm	OFDMA
ac_VHT/ ax_HE 80M	5290	1	Avg	15.48 dBm	OFDM
	5530~5610	1	Avg	15.45 dBm	OFDMA
	5690 (U-NII 2C)	1	Avg	17.12 dBm	OFDM
	5690 (U-NII 3)	1	Avg	5.85 dBm	OFDM
	5775	1	Avg	17.43 dBm	OFDMA
ac_VHT/ ax_HE 160M	5250	1	Avg	12.11 dBm	OFDMA

\*Note : TDWR frequencies are not available in Canada.

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### 1.6 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407  
 FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01  
 FCC KDB 662911 D01 Multiple Transmitter Output v02r01  
 FCC KDB 291074 D02 EMC Measurement v01  
 RSS-247 issue 3 Aug. 2023  
 RSS-Gen, issue 5 April, 2018  
 ANSI C63.10:2013

### 1.7 Test Facility

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

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

### 1.8 Special Accessories

There are no special accessories used while test was conducted.

### 1.9 Equipment Modifications

There was no modification incorporated into the EUT.

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## 2 SYSTEM TEST CONFIGURATION

### 2.1 EUT Configuration

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.

### 2.2 EUT Exercise

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

### 2.3 Test Procedure

#### 2.3.1 Conducted Emissions

The EUT is placed on a table which is 0.8 m above ground plane. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz. The CISPR Quasi-Peak and Average detector mode is employed. The two LISNs provide 50uH/50 ohm of coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

#### 2.3.2 Conducted Test (RF)

The active antenna port of the unlicensed wireless device is connected to the spectrum analyzer with attenuator to protect the instrumentation. If a second antenna port is available, it is tested at one operating frequency, with other port(s) appropriately terminated, to verify it has similar output characteristics as the fully tested port.

#### 2.3.3 Radiated Emissions

The EUT is placed on a turn table. For emissions testing at or below 1 GHz, the table height shall be 0.8 m above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

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## 2.4 Measurement Results Explanation Example

### 2.4.1 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m\*6m\*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

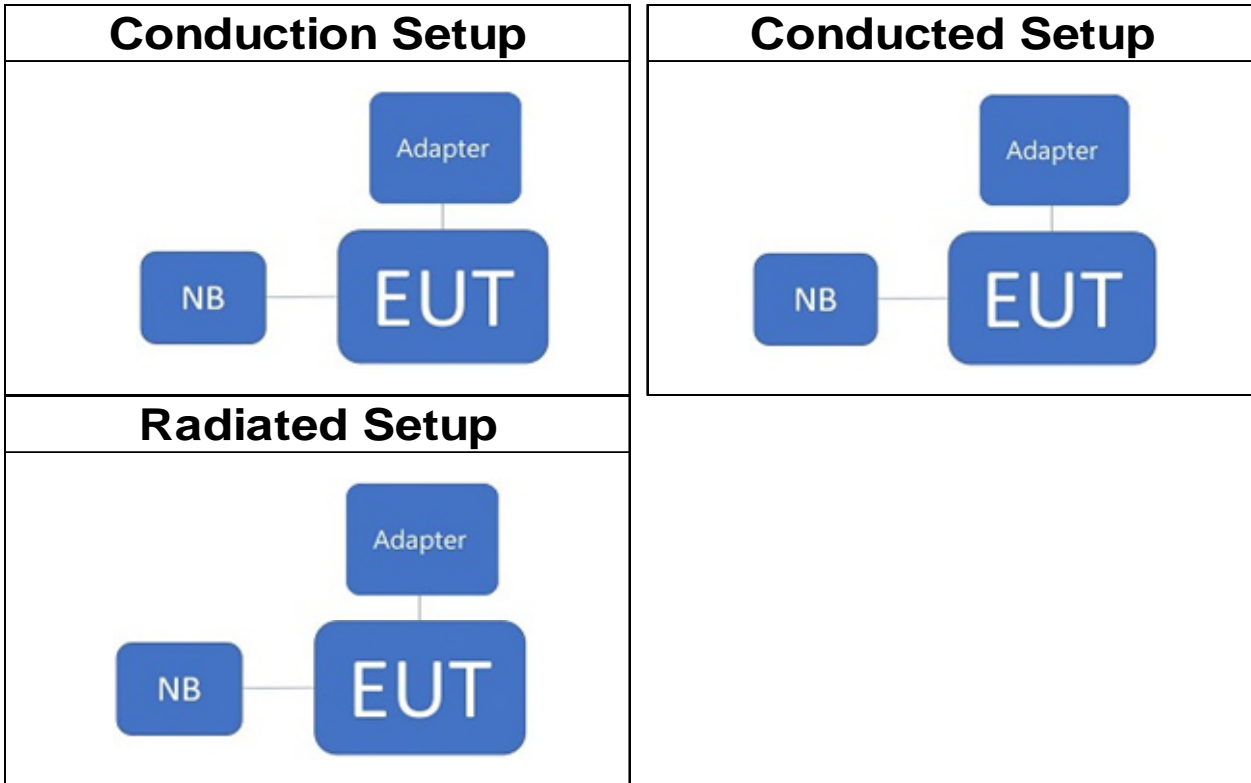
### 2.4.2 For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

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## 2.5 Test Configuration



## 2.6 Control Unit(s)

AC Power-Line Conducted Emission Test Site: Conduction 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Dell	Latitude 5590	BYJMN2	N/A	N/A
Adapter	EDAC	EA10682N-120	N/A	N/A	N/A

Conducted Emission Test Site: Conducted 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Dell	Latitude 5590	BYJMN2	N/A	N/A
Adapter	EDAC	EA10682N-120	N/A	N/A	N/A

Radiated Emission Test Site: SAC 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Dell	Latitude 5590	BYJMN2	N/A	N/A
Adapter	EDAC	EA10682N-120	N/A	N/A	N/A

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### 3 SUMMARY OF TEST RESULT

FCC Rules	ISED Rules	Description Of Test	Result
§15.207	RSS-Gen §8.8	AC Power Line Conducted Emission	Compliant
§15.407(e)	RSS-Gen §6.7	Emission Bandwidth	Compliant
§15.407(a)	RSS-247 §6.2.1~4 (1) RSS-247 §6.2.5 (2)	Maximum Conducted Output Power	Compliant
§15.407(a)	RSS-247 §6.2.1~ 4 (1) RSS-247 §6.2.5 (2)	Power Spectral Density	Compliant
§15.205 §15.209 §15.407(b)	RSS-247 §6.2.1~3 (2) §6.2.4 (3) RSS-247 §6.2.5 (3)	Undesirable Radiated Emissions	Compliant
§15.407(c)	RSS-247 §6.4	Transmission in case of Absence of Information	Compliant
§15.203	N/A	Antenna Requirement	Compliant

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## 4 DESCRIPTION OF TEST MODES

### 4.1 Operating Frequencies

#### UNII-1 5150 MHz ~ 5250MHz

20MHz		40MHz		80MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

#### UNII-2A 5250 MHz ~ 5350MHz

20MHz		40MHz		80MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

160MHz	
CH	Freq. (MHz)
50	5250

#### UNII-2C 5470 MHz ~ 5725MHz

20MHz		40MHz		80MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690
112	5560	126	5630		
116	5580	134	5670		
120	5600	142	5710		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				

160MHz	
CH	Freq. (MHz)
114	5570

#### UNII-3 5725 MHz ~ 5850MHz

20MHz		40MHz		80MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

**Note:**

1. Operating in 5600~5650MHz is prohibited in Canada for Master device.

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#### 4.2 The Worst Test Modes and Channel Details

1. The EUT has been tested under operating condition.
2. Test program used to control the EUT for staying in continuous transmitting mode is programmed.
3. Investigation has been done on all the possible configurations for searching the worst case. The given UE is pre-scanned among below modes.

Modulation		Transmission Chain						Single Transmission Spatial	Multiple Transmission Spatial			
v	802.11 a	v	Ch0	v	Ch1		Ch2		Ch3	1TX	v	2TX
v	802.11 n	v	Ch0	v	Ch1		Ch2		Ch3	1TX	v	2TX
v	802.11 ac	v	Ch0	v	Ch1		Ch2		Ch3	1TX	v	2TX
v	802.11 ax	v	Ch0	v	Ch1		Ch2		Ch3	1TX	v	2TX

4. Therefore, below summary is the modes of test configuration that yield the highest reading and generate the highest emission chosen to carry out the relevantly mandatory test items.

CONDUCTED TEST						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5180~5240	36 to 48	36,44,48	OFDM	6	2TX
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11n_HT20	5180~5240	36 to 48	36,44,48	OFDM	MCS0	2TX
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11n_HT40	5190~5230	38 to 46	38,46	OFDM	MCS0	2TX
	5270~5310	54 to 62	54,62			
	5510~5710	102 to 142	102,110,134,142			
	5755~5795	151 to 159	151,159			
802.11ac_VHT80	5210	42	42	OFDM	MCS0	2TX
	5290	58	58			
	5530~5690	106 to 138	106,122,138			
	5775	155	155			
802.11ac_VHT160	5250	50	50	OFDM	MCS0	2TX
	5570	114	114			

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CONDUCTED TEST							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11ax_HE20	5180~5240	36 to 48	36,44,48	OFDMA	FULL RU	MCS0	2TX
	5260~5320	52 to 64	52,60,64				
	5500~5720	100 to 144	100,116,140,144				
	5745~5825	149 to 165	149,157,165				
802.11ax_HE40	5190~5230	38 to 46	38,46	OFDMA	FULL RU	MCS0	2TX
	5270~5310	54 to 62	54,62				
	5510~5710	102 to 142	102,110,134,142				
	5755~5795	151 to 159	151,159				
802.11ax_HE80	5210	42	42	OFDMA	FULL RU	MCS0	2TX
	5290	58	58				
	5530~5690	106 to 138	106,122,138				
	5775	155	155				
802.11ax_HE160	5250	50	50	OFDMA	FULL RU	MCS0	2TX
	5570	114	114				

TRANSMIT RADIATED EMISSION TEST (BELOW 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5180~5240	36 to 48	44	OFDM	6	2TX
	5260~5320	52 to 64	60			
	5500~5720	100 to 144	116			
	5745~5825	149 to 165	157			

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TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5180~5240	36 to 48	36,44,48	OFDM	6	2TX
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11n_HT20	5180~5240	36 to 48	36,44,48	OFDM	MCS0	2TX
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11n_HT40	5190~5230	38 to 46	38,46	OFDM	MCS0	2TX
	5270~5310	54 to 62	54,62			
	5510~5710	102 to 142	102,110,134,142			
	5755~5795	151 to 159	151,159			
802.11ac_VHT80	5210	42	42	OFDM	MCS0	2TX
	5290	58	58			
	5530~5690	106 to 138	106,122,138			
	5775	155	155			
802.11ac_VHT160	5250	50	50	OFDM	MCS0	2TX
	5570	114	114			

TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11ax_HE20	5180~5240	36 to 48	36,44,48	OFDMA	FULL RU	MCS0	2TX
	5260~5320	52 to 64	52,60,64				
	5500~5720	100 to 144	100,116,140,144				
	5745~5825	149 to 165	149,157,165				
802.11ax_HE40	5190~5230	38 to 46	38,46	OFDMA	FULL RU	MCS0	2TX
	5270~5310	54 to 62	54,62				
	5510~5710	102 to 142	102,110,134,142				
	5755~5795	151 to 159	151,159				
802.11ax_HE80	5210	42	42	OFDMA	FULL RU	MCS0	2TX
	5290	58	58				
	5530~5690	106 to 138	106,122,138				
	5775	155	155				
802.11ax_HE160	5250	50	50	OFDMA	FULL RU	MCS0	2TX
	5570	114	114				

**Note:**

The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

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## 5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
AC Power Line Conducted Emission	+/- 2.32 dB
Output Power measurement	+/- 1 dB
Emission Bandwidth	+/- 1.53 Hz
Conducted emission measurement	+/- 1.68 dB
Peak Power Density	+/- 2.16 dB
Temperature	+/- 0.7 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/-	2.8 dB	9kHz~30MHz
	+/-	4.82 dB	30MHz - 1000MHz
	+/-	4.37 dB	1GHz - 18GHz
	+/-	4.21 dB	18GHz - 40GHz
Polarization: Horizontal	+/-	2.8 dB	9kHz~30MHz
	+/-	4.54 dB	30MHz - 1000MHz
	+/-	4.37 dB	1GHz - 18GHz
	+/-	4.21 dB	18GHz - 40GHz

### Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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## 6 MEASUREMENT EQUIPMENT USED

### 6.1 Emission from AC power line

AC Power-Line Conducted Emission Test Site: Conduction 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R
LISN	SCHWARZBECK	NSLK 8127	1040	09/06/2023	09/05/2024
Coaxial Cables	EMC Instruments Corp.	EMCCFD300-BM-BM-3000	161207	06/22/2023	06/21/2024
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	793	06/22/2023	06/21/2024
EMI Test Receiver	R&S	ESCI 7	100759	08/21/2023	08/20/2024

### 6.2 Condcuted Measurement

Conducted Emission Test Site: Conducted 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071571	06/07/2023	06/06/2024
Test Software	SGS	Radio Test Software	Ver. 21	N.C.R	N.C.R
Power Meter	Anritsu	ML2496A	1804001	03/16/2023	03/15/2024
Power Sensor	Anritsu	MA2411B	1726104	03/16/2023	03/15/2024
Power Sensor	Anritsu	MA2411B	1726107	03/16/2023	03/15/2024
Attenuator	Mini-Circuits	BW-S10W2+	2	12/13/2022	12/12/2023
DC Block	Mini-Circuits	BLK-18-S+	1	12/13/2022	12/12/2023

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### 6.3 Radiated Measurement

Radiated Emission Test Site: SAC 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Loop Antenna	ETS.LINDGREN	6502	148045	10/13/2023	10/12/2024
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	07/03/2023	07/02/2024
Horn Antenna	SCHWARZBECK	BBHA9120D	D803	12/30/2022	12/29/2023
Bi-log Antenna	TESEO	CBL 6112D	35242 & AT-N0555	12/27/2022	12/26/2023
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60242081	10/17/2023	10/16/2024
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R
EMI Test Receiver	R&S	ESR 7	102525	02/18/2023	02/17/2024
Site Cal	SGS	SAC 1	N/A	08/31/2023	08/30/2024
Pre-Amplifier	EMCI	EMC184045B	980135	08/31/2023	08/30/2024
Pre-Amplifier	HP	8447D	2944A09469	08/31/2023	08/30/2024
Pre-Amplifier	EMCI	EMC118A45SEE	980933	07/31/2023	07/30/2024
Bandreject Filter 5150-5350	Micro-Tronics	BRM50703	1	12/13/2022	12/12/2023
Bandreject Filter 5470-5725	Micro-Tronics	BRM50704	1	12/13/2022	12/12/2023
Bandreject Filter 5725-5875	Micro-Tronics	BRM50705	1	12/13/2022	12/12/2023
7GHz High Pass Filter	WI	WHKX10-6090-80SS	4	12/13/2022	12/12/2023
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062 /2	08/31/2023	08/30/2024
Coaxial Cable	EMCI	EMC104-SM-SM-8000+EMC106-SM-SM-7600	RX Cable 9K-18G(160125+150817)	09/12/2023	09/11/2024

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

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## 7 CONDUCTED EMISSION TEST

### 7.1 Standard Applicable

Frequency range within 150 kHz to 30 MHz shall not exceed the Limit table as below.

Frequency range MHz	Limits (dBuV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

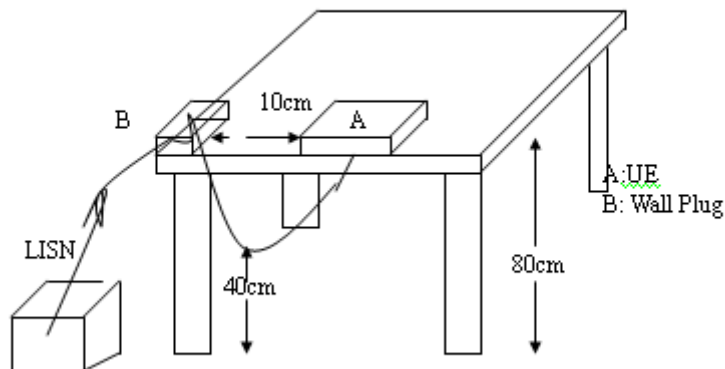
Note

- 1.The lower limit shall apply at the transition frequencies
- 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

### 7.2 EUT Setup:

1. The conducted emission tests were performed in the test site, using the setup in accordance with the ANSI C63.10:2013.
2. The AC/DC Power adaptor of EUT was plug-in LISN. The EUT was placed flushed with the rear of the table.
3. The LISN was connected with 120Vac/60Hz power source.

### 7.3 Test SET-UP



### 7.4 Measurement Procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all phases of power being supplied by given UE are completed.

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## 7.5 Measurement Result

Note: Refer to next page for measurement data and plots.

Note2: The \* reveals the worst-case results that closest to the limit.

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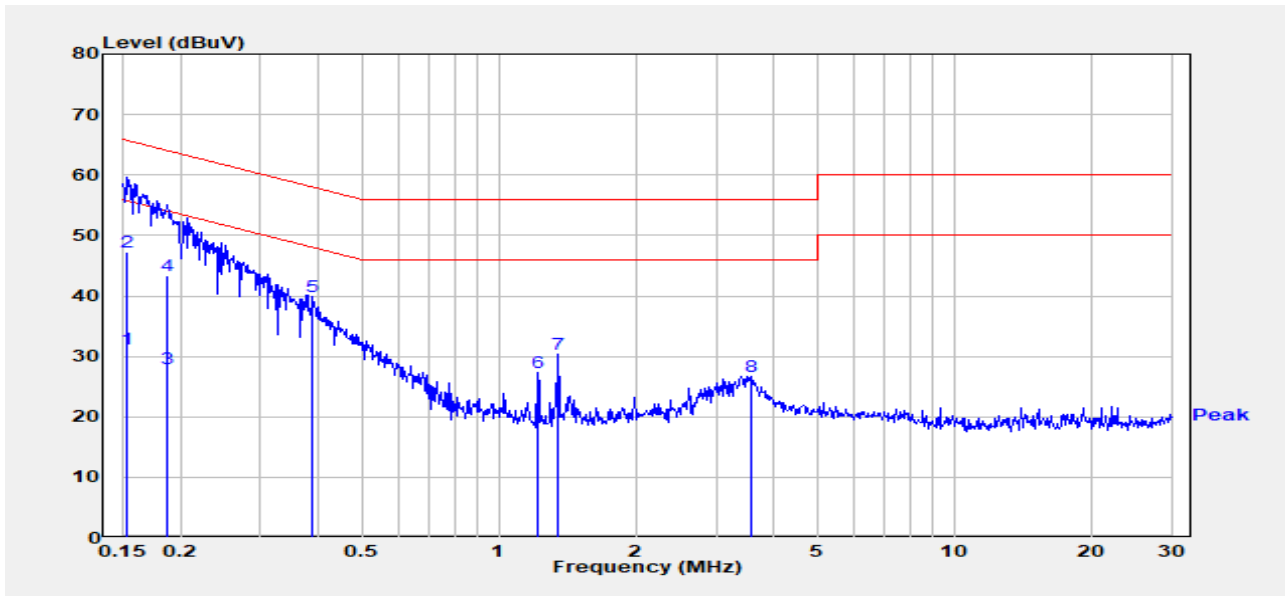
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### AC POWER LINE CONDUCTED EMISSION TEST DATA

Report Number	:TERF2310002605ER	Test Site	:Conduction 1
Operation Mode	:WLAN 5G	Test Date	:2023-11-21
Power	:120V/60Hz	Temp./Humi.	:25.1°C/64%
Probe	:L	Engineer	:Cooper Hsu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V	Limit dB $\mu$ V	Margin dB
0.153	Average	21.00	10.13	31.13	55.82	-24.69
0.153	QP	37.20	10.13	47.33	65.82	-18.49
0.186	Average	17.80	10.13	27.93	54.20	-26.27
0.186	QP	33.30	10.13	43.43	64.20	-20.77
0.389	Peak	29.69	10.15	39.84	58.08	-18.24
1.223	Peak	17.02	10.20	27.22	56.00	-28.78
1.352	Peak	20.10	10.20	30.30	56.00	-25.70
3.584	Peak	16.35	10.28	26.63	56.00	-29.37

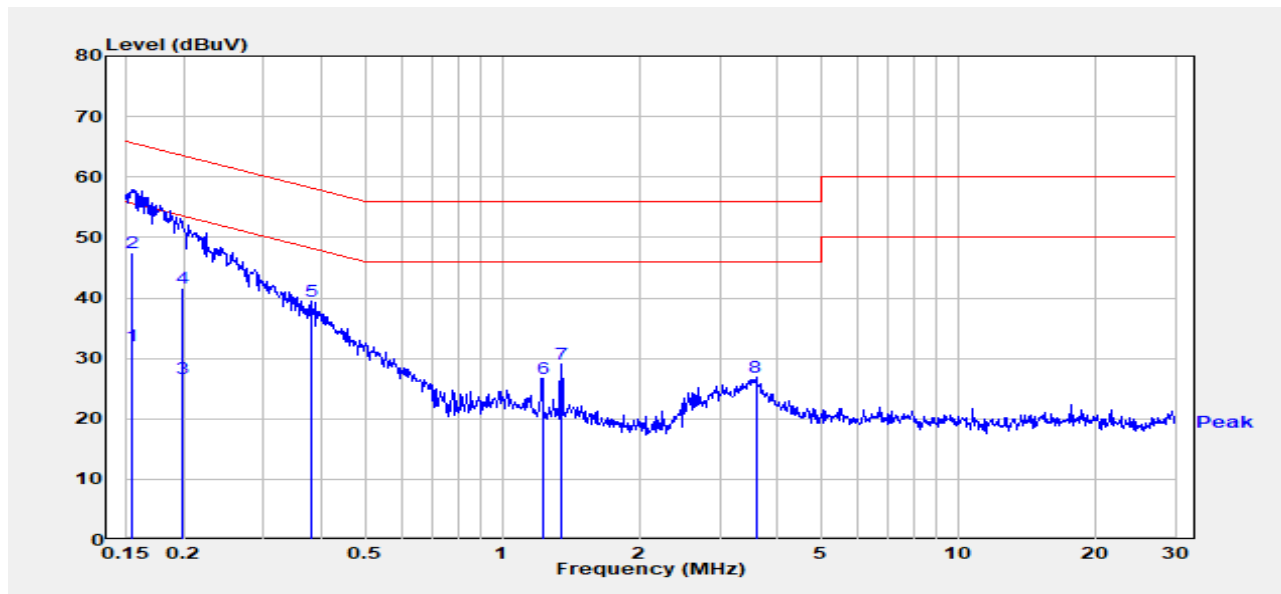
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Report Number :TERF2310002605ER  
 Operation Mode :WLAN 5G  
 Power :120V/60Hz  
 Probe :N

Test Site :Conduction 1  
 Test Date :2023-11-21  
 Temp./Humi. :25.1°C/64%  
 Engineer :Cooper Hsu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV	Limit dBμV	Margin dB
0.154	Average	21.90	10.12	32.02	55.78	-23.76
0.154	QP	37.40	10.12	47.52	65.78	-18.26
0.200	Average	16.60	10.12	26.72	53.62	-26.90
0.200	QP	31.50	10.12	41.62	63.62	-22.00
0.381	Peak	29.37	10.15	39.52	58.25	-18.73
1.229	Peak	16.51	10.19	26.70	56.00	-29.30
1.352	Peak	18.84	10.19	29.03	56.00	-26.97
3.603	Peak	16.61	10.29	26.90	56.00	-29.10

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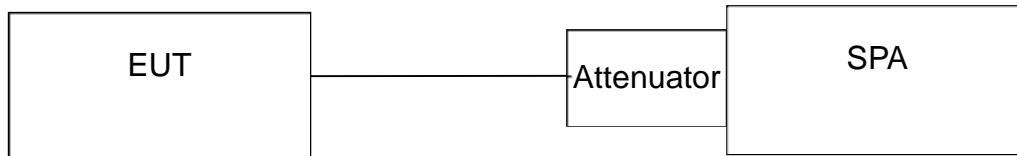


## 8 EMISSION BANDWIDTH MEASUREMENT

### 8.1 Standard Applicable

There is no limit bandwidth for U-NII-1, U-NII-2-A and U-NII-2-C.  
The minimum of 6dB Bandwidth measurement is 0.5 MHz for U-NII-3.

### 8.2 Test Setup



### 8.3 Measurement Procedure

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules.
3. Remove the antenna from the EUT and then connect a low loss RF cable from the Antenna port to the spectrum analyzer.
  - 3.a. 26dB Band width Measurement: Set the spectrum analyzer as 1% of emission BW  
Sweep=auto,  
Detector = Peak,  
Trace Mode = Max Hold,  
Manually readjust RBW until the RBW/EBW ratio is 1% based on EBW as observed on the result of pre-sequence measurement.
  - 3.b. Mark the peak frequency and -26dB (upper and lower) frequency.
4. Repeat the procedures as list above until all test default channels (low, middle, and high) are completed.
5. Minimum Emission Bandwidth for the band 5.725-5.850GHz.
  - a. Set the spectrum analyzer as  
RBW = 100 kHz,  
VBW = 3\*RBW,  
Span = large enough to capture all products of the modulation process,  
Detector=Peak,  
Sweep=auto
  - b. Mark the peak frequency and -6dB (upper and lower) frequency.
6. For 99% Bandwidth: Set the spectrum analyzer as  
RBW = 1%,  
VBW = 3\*RBW,  
Span = large enough to capture all products of the modulation process,  
Detector=Sample,  
Sweep=auto.
7. Turn on the 99% bandwidth function, max reading.
8. Repeat above procedures until all frequency of interest measured was complete.

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## 8.4 Measurement Result

### 8.4.1 FCC Occupied Bandwidth

802.11a\_Ch0

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)	Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5180	18.90	12.760	5180	19.01	12.790
5220	18.71	12.720	5220	18.93	12.770
5240	18.75	12.730	5240	18.82	12.750
5260	19.63	12.930	5260	19.32	12.860
5300	18.69	12.720	5300	18.87	12.760
5320	18.54	12.680	5320	18.88	12.760
5500	18.70	12.720	5500	18.56	12.690
5580	21.40	13.300	5580	20.95	13.210
5700	18.99	12.790	5700	19.77	12.960
5720(U-NII 2C)	14.44	11.600	5720(U-NII 2C)	14.89	11.730
5720(U-NII 3)	4.44	6.480	5720(U-NII 3)	4.89	6.890

802.11a\_Ch1

802.11a\_Ch0

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)	Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5745	16.06	12.060	5745	16.04	12.050
5785	16.33	12.130	5785	16.31	12.120
5825	16.33	12.130	5825	16.36	12.140

802.11a\_Ch1

802.11a\_Ch0

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5248.17	< 5250
5745	5736.81	> 5725

802.11a\_Ch1

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5248.18	< 5250
5745	5736.80	> 5725

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802.11n\_HT20\_Ch0

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5180	20.12	13.040
5220	19.93	13.000
5240	20.21	13.060
<b>5260</b>	20.80	13.180
5300	19.94	13.000
5320	19.99	13.010
5500	19.86	12.980
<b>5580</b>	22.87	13.590
5700	20.71	13.160
5720(U-NII 2C)	15.27	11.840
5720(U-NII 3)	5.27	7.210

802.11n\_HT20\_Ch1

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5180	19.72	12.950
5220	20.19	13.050
5240	19.95	13.000
<b>5260</b>	19.79	12.960
5300	20.32	13.080
5320	19.77	12.960
5500	19.88	12.980
<b>5580</b>	22.27	13.480
5700	20.57	13.130
5720(U-NII 2C)	15.48	11.900
5720(U-NII 3)	5.48	7.390

802.11n\_HT20\_Ch0

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5745	17.60	12.460
5785	16.64	12.210
5825	17.68	12.470

802.11n\_HT20\_Ch1

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5745	16.34	12.130
5785	17.63	12.460
5825	17.69	12.480

802.11n\_HT20\_Ch0

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5248.76	< 5250
5745	5736.17	> 5725

802.11n\_HT20\_Ch1

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5248.78	< 5250
5745	5736.16	> 5725

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802.11n\_HT40\_Ch0

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)	Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5190	39.33	15.950	5190	39.16	15.930
5230	39.13	15.930	5230	39.37	15.950
5270	39.21	15.930	5270	38.98	15.910
<b>5310</b>	39.14	15.930	<b>5310</b>	39.10	15.920
5510	39.40	15.950	5510	39.16	15.930
5550	<b>43.95</b>	16.430	5550	<b>41.59</b>	16.190
5670	40.11	16.030	5670	39.08	15.920
5710(U-NII 2C)	34.63	15.390	5710(U-NII 2C)	35.13	15.460
5710(U-NII 3)	4.63	6.650	5710(U-NII 3)	5.13	7.100

802.11n\_HT40\_Ch1

802.11n\_HT40\_Ch0

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)	Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5755	33.96	15.310	5755	36.38	15.610
5795	35.75	15.530	5795	36.33	15.600

802.11n\_HT40\_Ch1

802.11n\_HT40\_Ch0

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5247.94	< 5250
5755	5736.98	> 5725

802.11n\_HT40\_Ch1

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5247.97	< 5250
5755	5736.88	> 5725

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802.11ac\_VHT80\_Ch0

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5210	81.51	19.110
5290	80.40	19.050
<b>5530</b>	81.83	19.130
5610	83.46	19.210
5690(U-NII 2C)	75.63	18.790
5690(U-NII 3)	5.63	7.510

802.11ac\_VHT80\_Ch1

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5210	80.39	19.050
5290	80.73	19.070
<b>5530</b>	80.58	19.060
5610	82.72	19.180
5690(U-NII 2C)	75.68	18.790
5690(U-NII 3)	5.68	7.540

802.11ac\_VHT80\_Ch0

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5775	68.48	18.360

802.11ac\_VHT80\_Ch1

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5775	69.07	18.390

802.11ac\_VHT80\_Ch0

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5247.67	< 5250
5775	5737.19	> 5725

802.11ac\_VHT80\_Ch1

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5247.64	< 5250
5775	5737.05	> 5725

802.11ac\_VHT160\_Ch0

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5250	162.80	22.120
<b>5570</b>	163.10	22.120

802.11ac\_VHT160\_Ch1

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5250	162.30	22.100
<b>5570</b>	162.50	22.110

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802.11ax\_HE20\_Ch0

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5180	full	20.59	13.140
5220	full	20.33	13.080
5240	full	20.73	13.170
5260	full	20.80	13.180
5300	full	20.60	13.140
5320	full	20.47	13.110
5500	full	20.80	13.180
5580	full	20.87	13.200
5700	full	20.50	13.120
5720 (U-NII 2C)	full	15.54	11.910
5720 (U-NII 3)	full	5.54	7.440

802.11ax\_HE20\_Ch1

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5180	full	20.43	13.100
5220	full	20.61	13.140
5240	full	20.53	13.120
5260	full	21.07	13.240
5300	full	20.61	13.140
5320	full	20.72	13.160
5500	full	20.71	13.160
5580	full	22.81	13.580
5700	full	20.63	13.140
5720 (U-NII 2C)	full	15.37	11.870
5720 (U-NII 3)	full	5.37	7.300

802.11ax\_HE20\_Ch0

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5745	full	18.97	12.780
5785	full	18.17	12.590
5825	full	16.90	12.280

802.11ax\_HE20\_Ch1

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5745	full	18.51	12.670
5785	full	18.20	12.600
5825	full	17.67	12.470

802.11ax\_HE20\_Ch0

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5249.43	< 5250
5745	5735.53	> 5725

802.11ax\_HE20\_Ch1

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5249.44	< 5250
5745	5735.49	> 5725

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802.11ax\_HE40\_Ch0

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5190	full	40.10	16.030
5230	full	40.19	16.040
5270	full	39.73	15.990
5310	full	39.81	16.000
5510	full	39.54	15.970
5550	full	<b>41.26</b>	16.160
5670	full	40.28	16.050
5710 (U-NII 2C)	full	34.93	15.430
5710 (U-NII 3)	full	4.93	6.920

802.11ax\_HE40\_Ch1

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5190	full	39.88	16.010
5230	full	39.76	15.990
5270	full	40.12	16.030
5310	full	39.84	16.000
5510	full	39.89	16.010
5550	full	<b>42.70</b>	16.300
5670	full	40.16	16.040
5710 (U-NII 2C)	full	35.18	15.460
5710 (U-NII 3)	full	5.18	7.140

802.11ax\_HE40\_Ch0

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5755	full	37.69	15.760
5795	full	37.66	15.760

802.11ax\_HE40\_Ch1

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5755	full	37.80	15.770
5795	full	37.03	15.690

802.11ax\_HE40\_Ch0

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5248.78	< 5250
5755	5736.12	> 5725

802.11ax\_HE40\_Ch1

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5248.81	< 5250
5755	5736.03	> 5725

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802.11ax\_HE80\_Ch0

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5210	full	81.11	19.090
5290	full	81.72	19.120
5530	full	80.79	19.070
5610	full	82.51	19.170
5690 (U-NII 2C)	full	75.47	18.780
5690 (U-NII 3)	full	5.47	7.380

802.11ax\_HE80\_Ch1

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5210	full	80.86	19.080
5290	full	81.11	19.090
5530	full	81.91	19.130
5610	full	82.74	19.180
5690 (U-NII 2C)	full	75.60	18.790
5690 (U-NII 3)	full	5.60	7.490

802.11ax\_HE80\_Ch0

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5775	full	73.35	18.650

802.11ax\_HE80\_Ch1

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5775	full	72.93	18.630

802.11ax\_HE80\_Ch0

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5248.41	< 5250
5775	5736.25	> 5725

802.11ax\_HE80\_Ch1

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5248.53	< 5250
5775	5736.20	> 5725

802.11ax\_HE160\_Ch0

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5250	full	163.10	22.120
5570	full	163.86	22.140

802.11ax\_HE160\_Ch1

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5250	full	162.87	22.120
5570	full	162.68	22.110

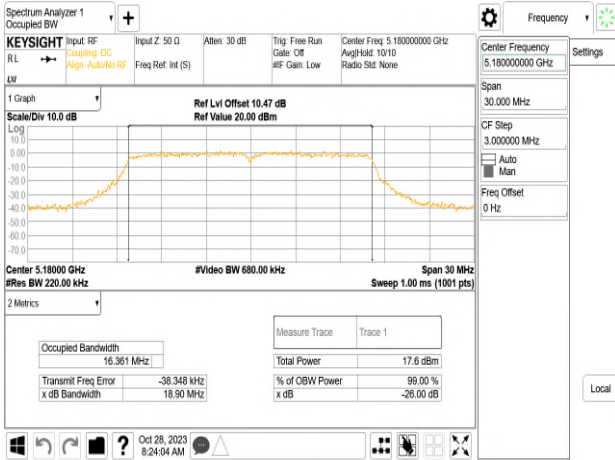
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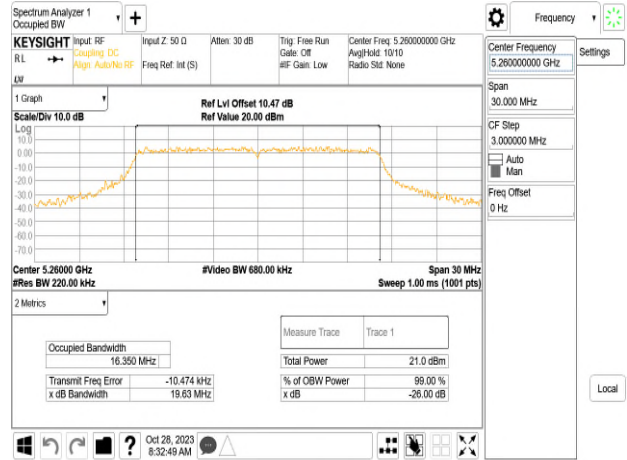
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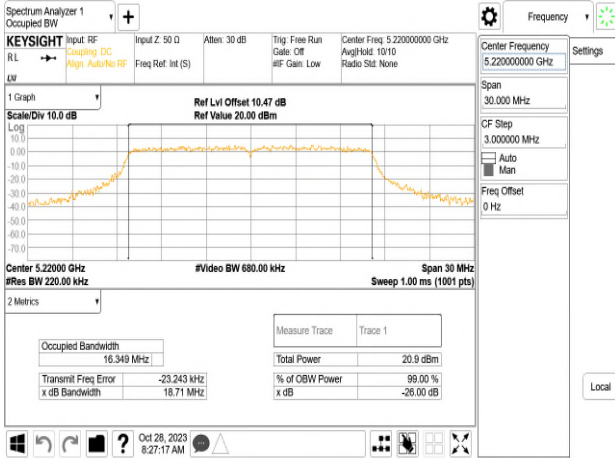
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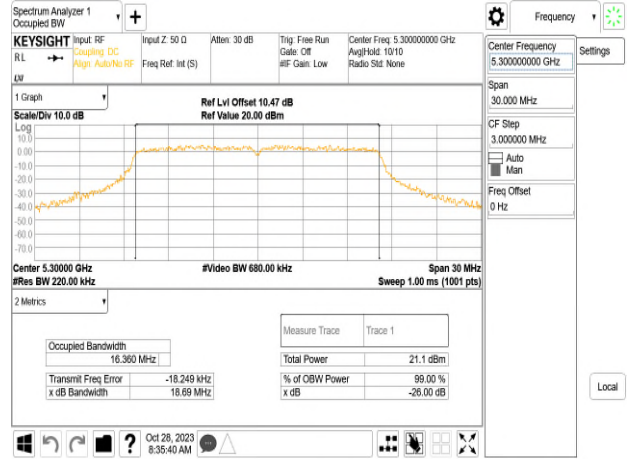
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802.11a\_20MHz\_Chain0\_5220MHz



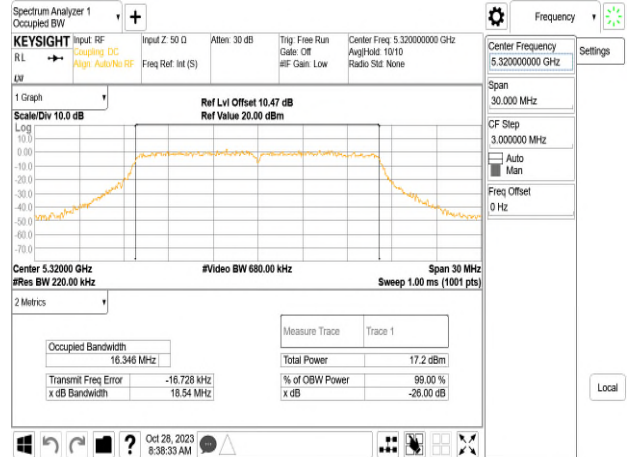
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802.11a\_20MHz\_Chain0\_5240MHz



802.11a\_20MHz\_Chain0\_5320MHz

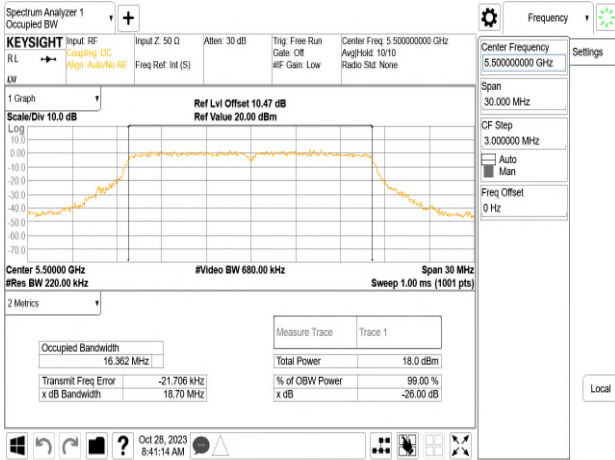


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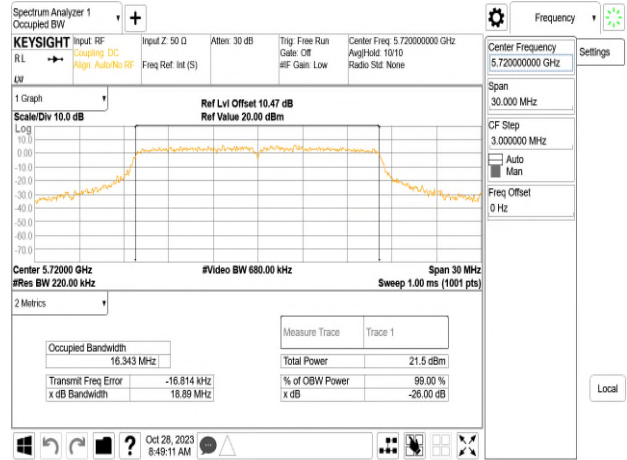
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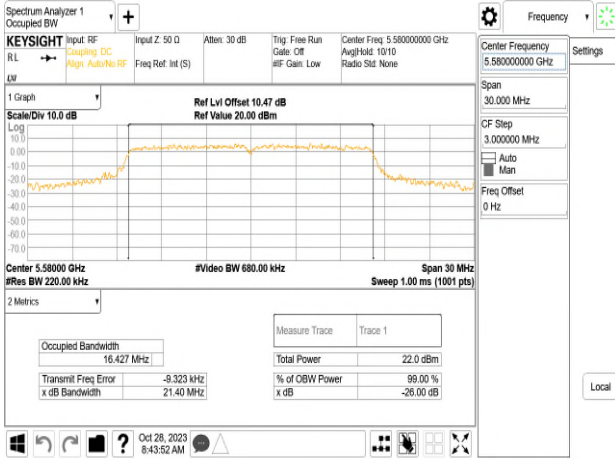
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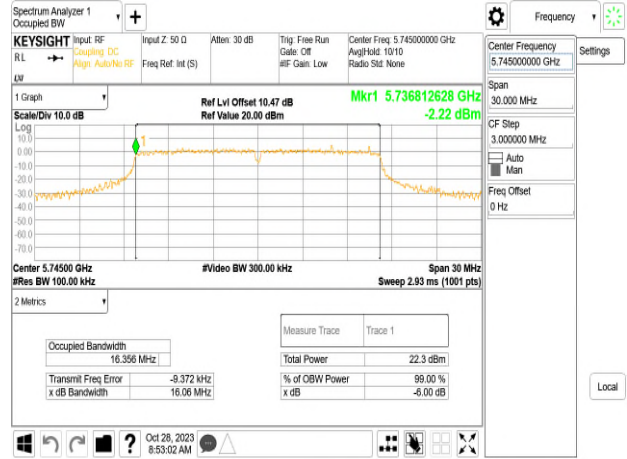
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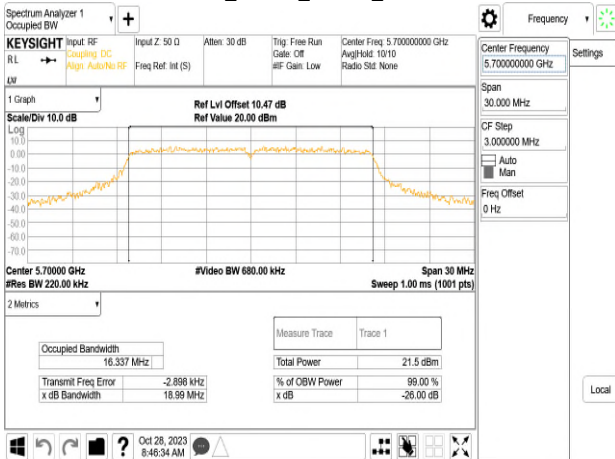
802.11a\_20MHz\_Chain0\_5580MHz



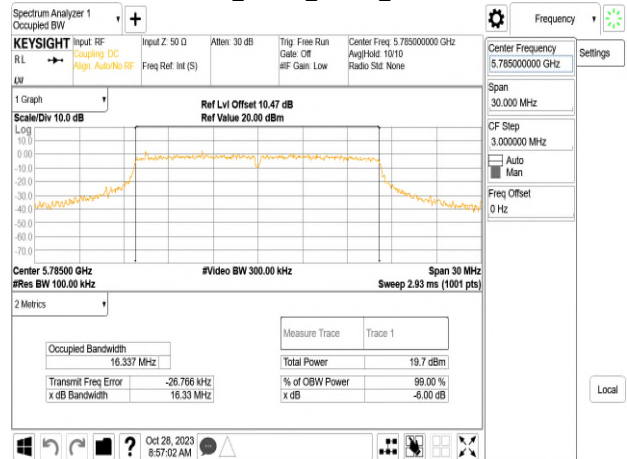
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802.11a\_20MHz\_Chain0\_5700MHz



802.11a\_20MHz\_Chain0\_5785MHz

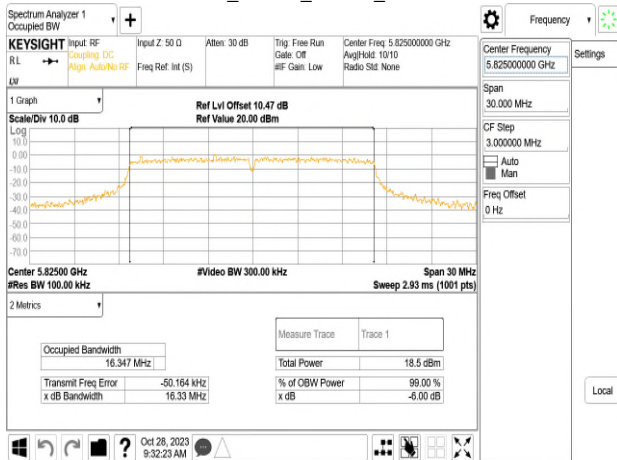


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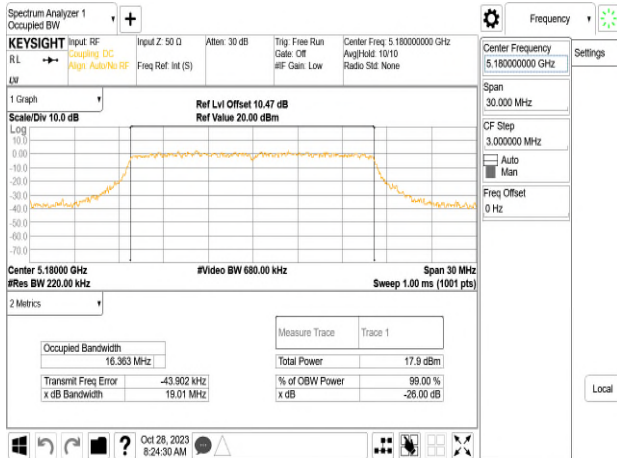
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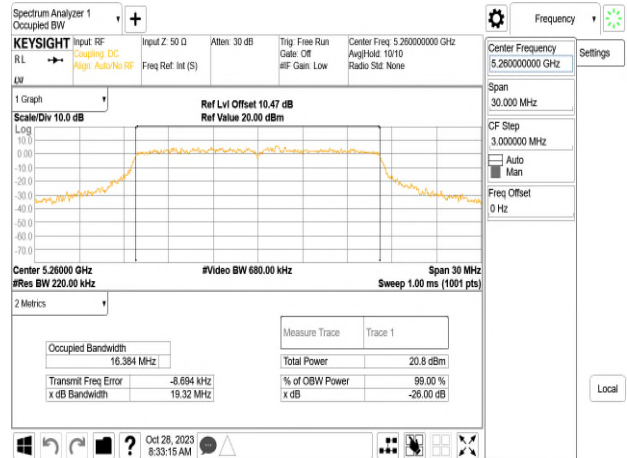
802.11a\_20MHz\_Chain1\_5240MHz



802.11a\_20MHz\_Chain1\_5180MHz



802.11a\_20MHz\_Chain1\_5260MHz



802.11a\_20MHz\_Chain1\_5220MHz



802.11a\_20MHz\_Chain1\_5300MHz

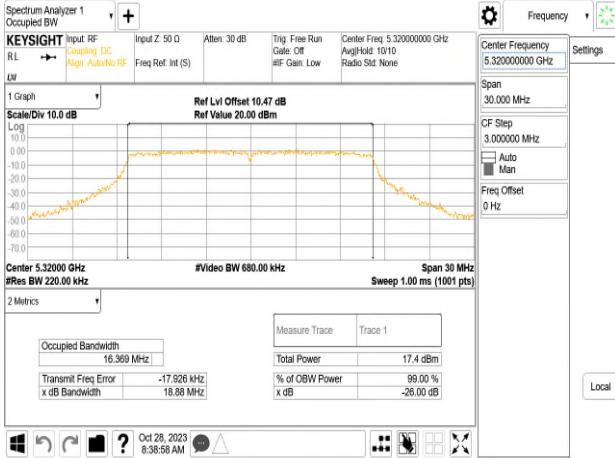


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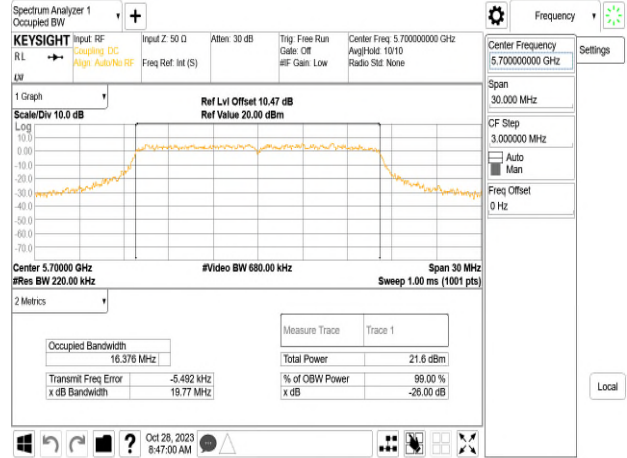
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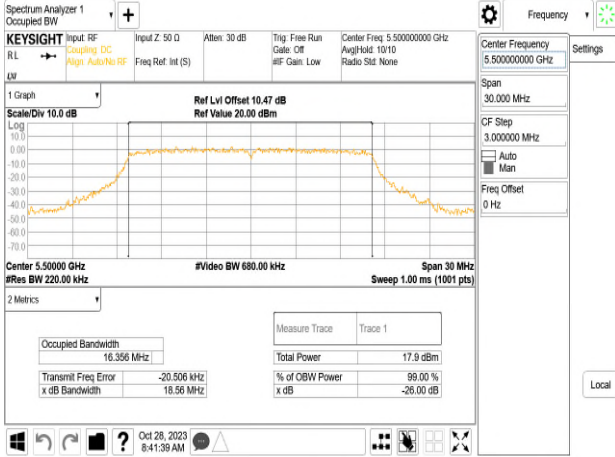
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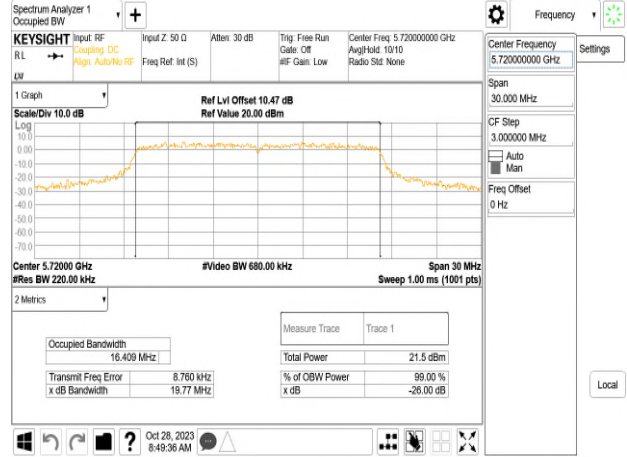
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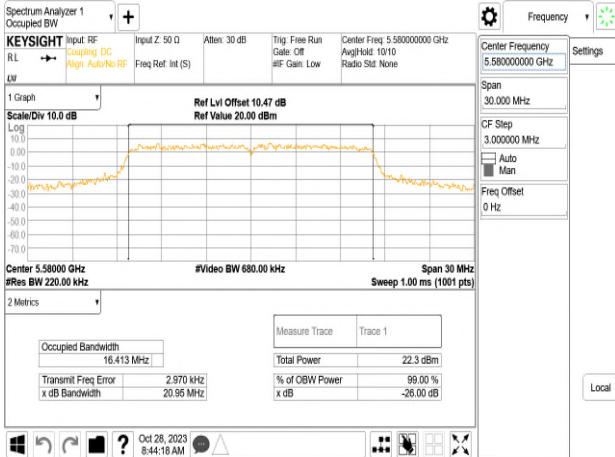
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802.11a\_20MHz\_Chain1\_5720MHz



802.11a\_20MHz\_Chain1\_5580MHz



802.11a\_20MHz\_Chain1\_5745MHz

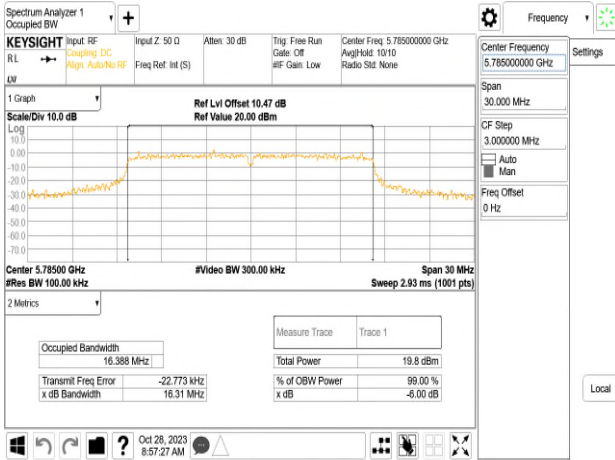


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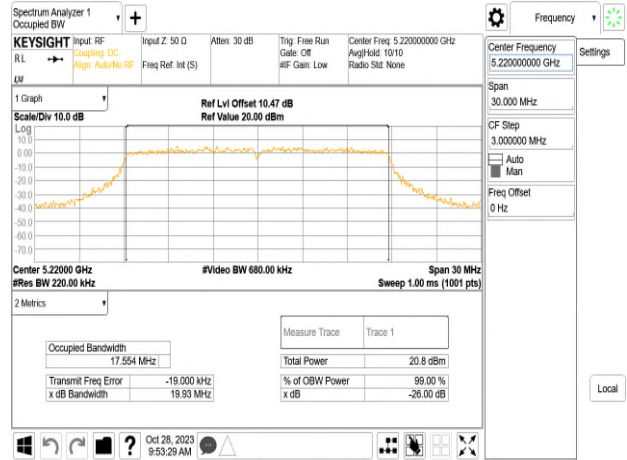
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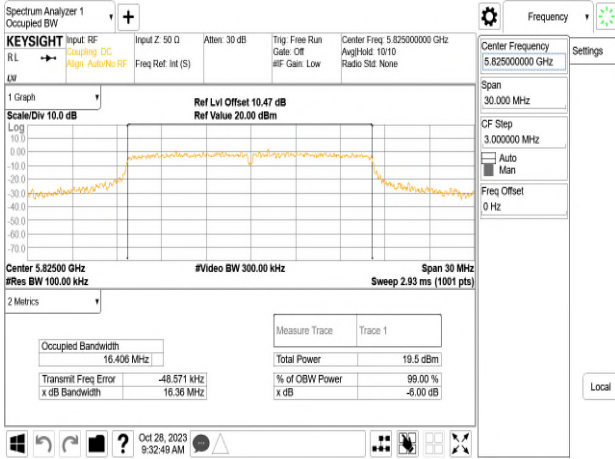
802.11a\_20MHz\_Chain1\_5785MHz



802.11n\_20MHz\_Chain0\_5220MHz



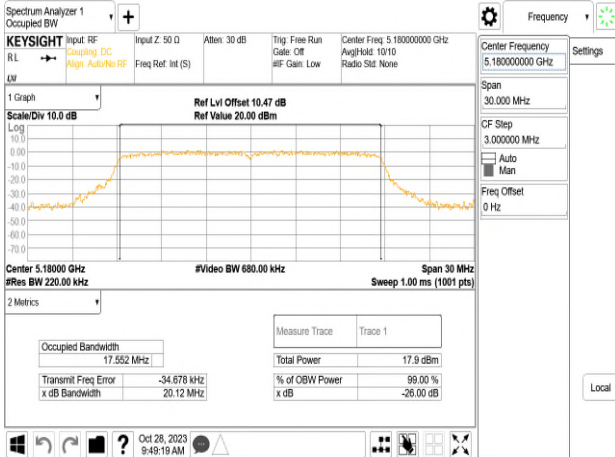
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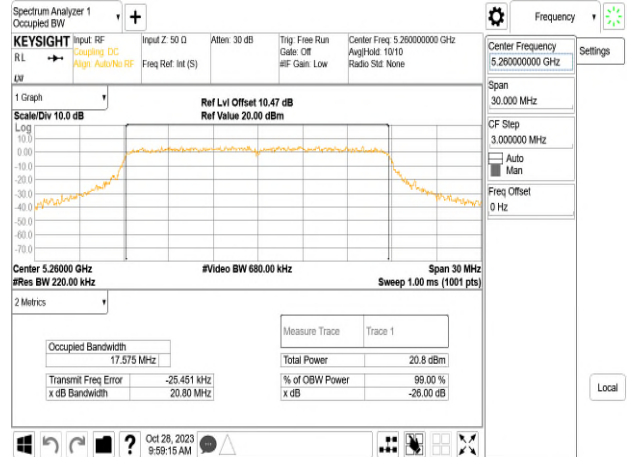
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802.11n\_20MHz\_Chain0\_5180MHz



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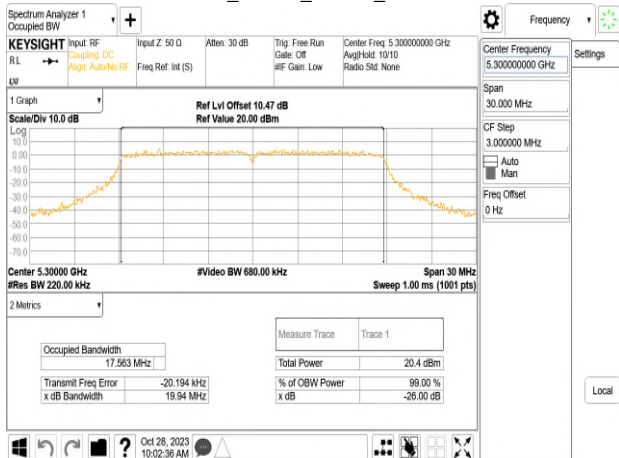


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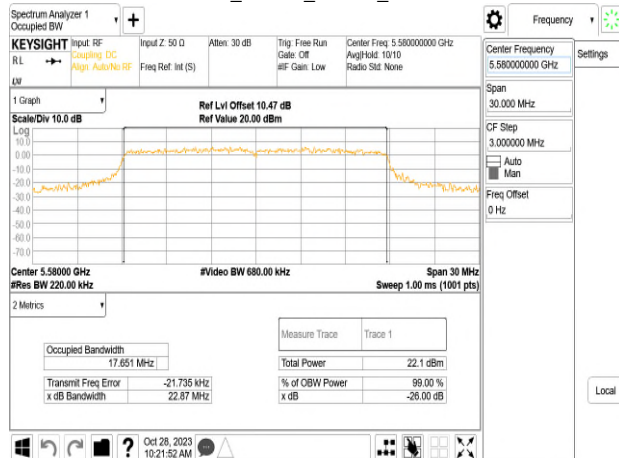
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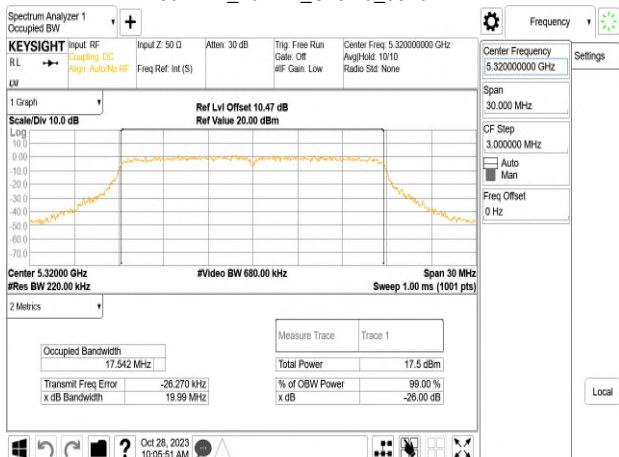
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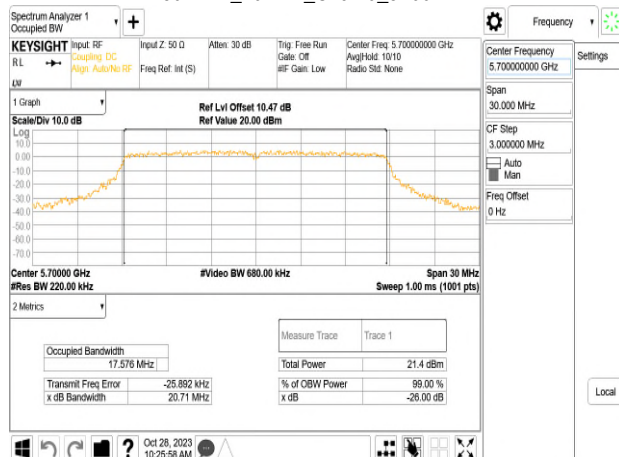
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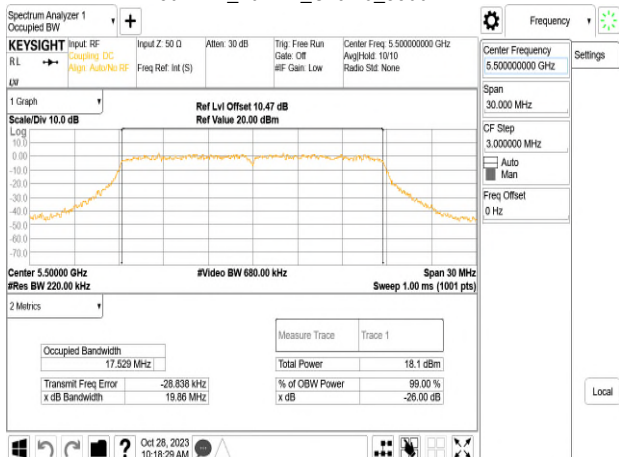
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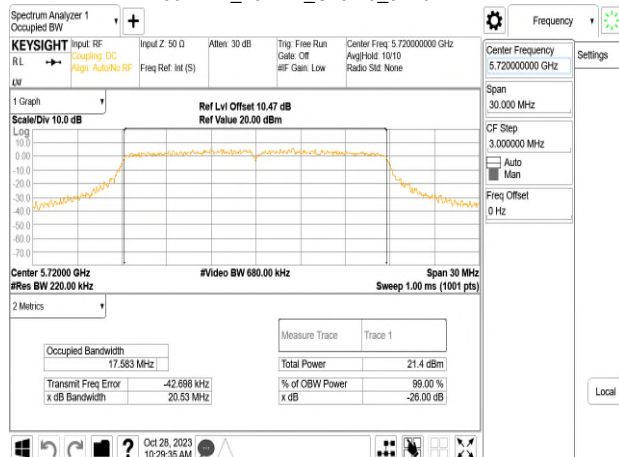
802.11n\_20MHz\_Chain0\_5700MHz



802.11n\_20MHz\_Chain0\_5500MHz



802.11n\_20MHz\_Chain0\_5720MHz



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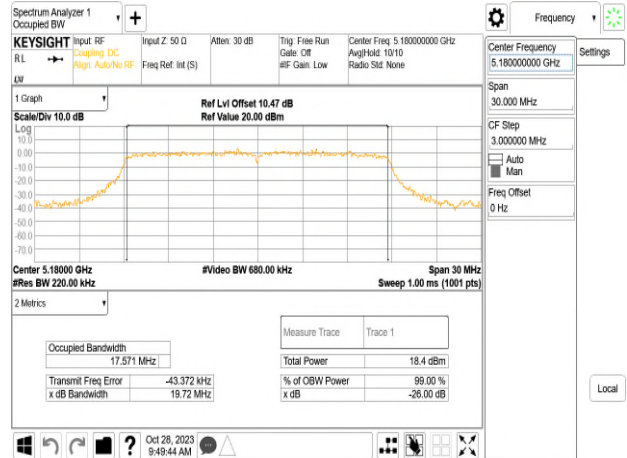
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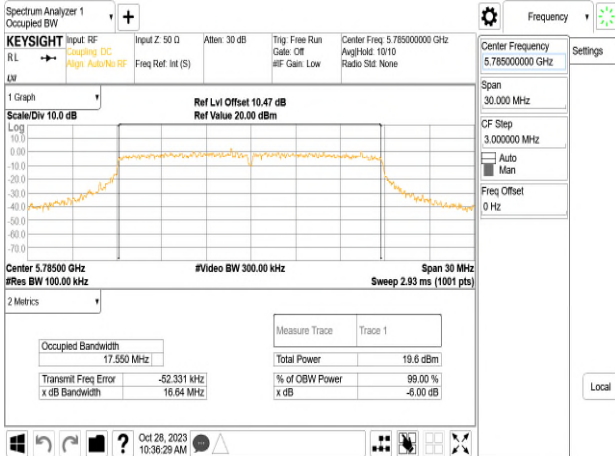
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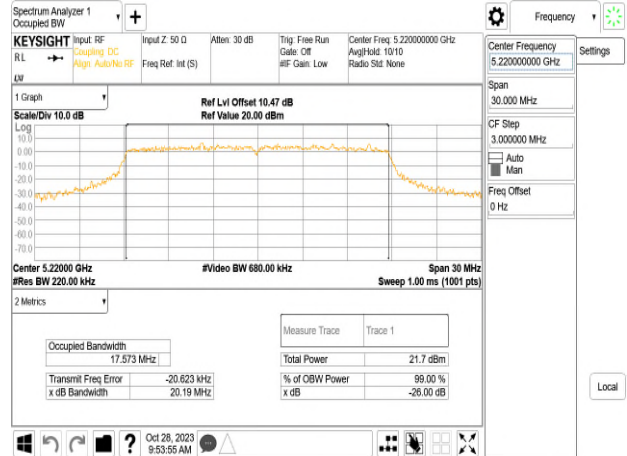
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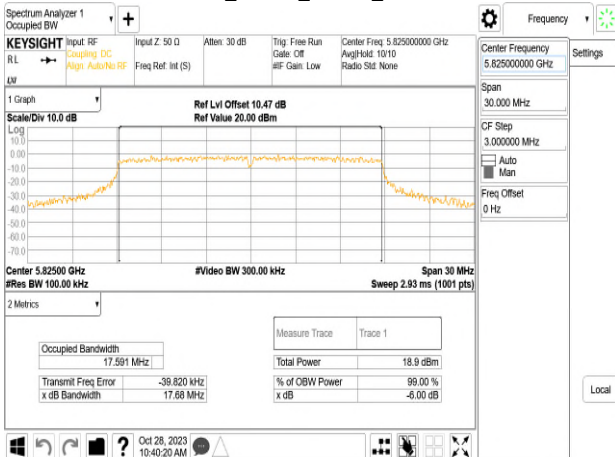
802.11n\_20MHz\_Chain0\_5785MHz



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802.11n\_20MHz\_Chain0\_5825MHz



802.11n\_20MHz\_Chain1\_5240MHz

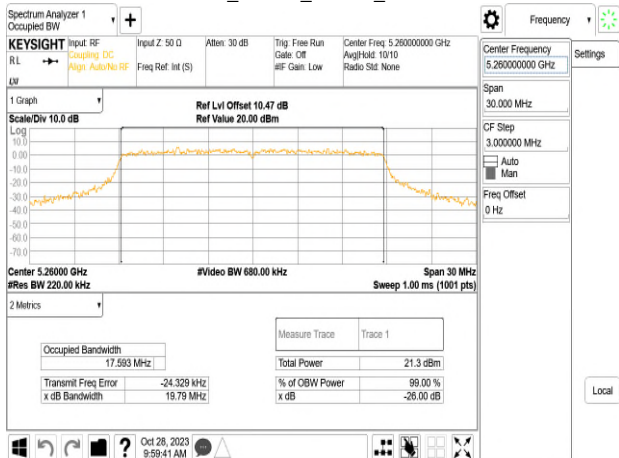


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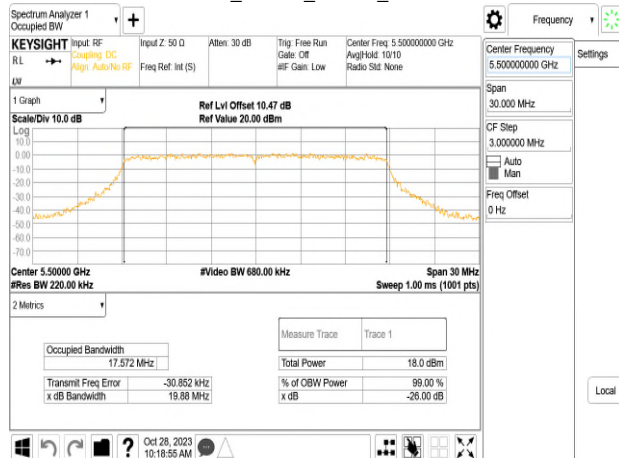
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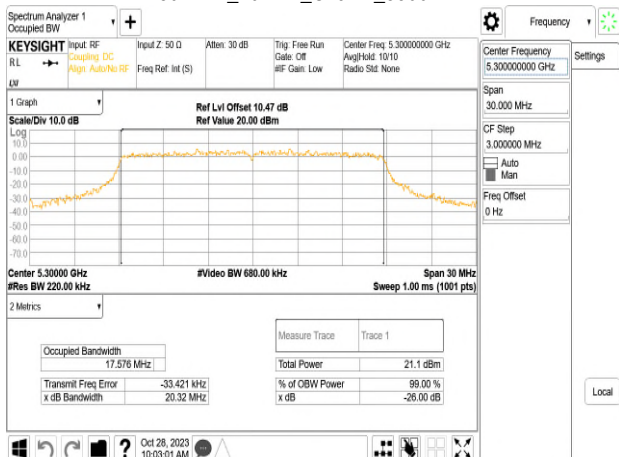
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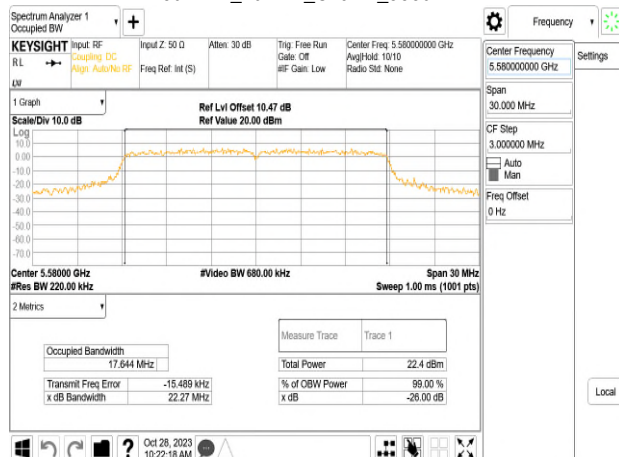
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802.11n\_20MHz\_Chain1\_5300MHz



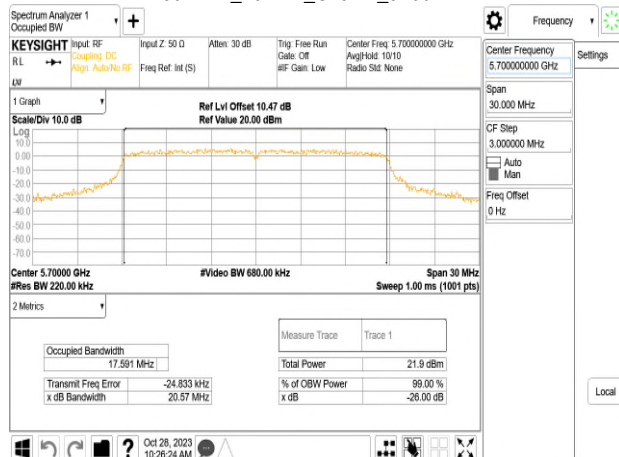
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802.11n\_20MHz\_Chain1\_5320MHz



802.11n\_20MHz\_Chain1\_5700MHz



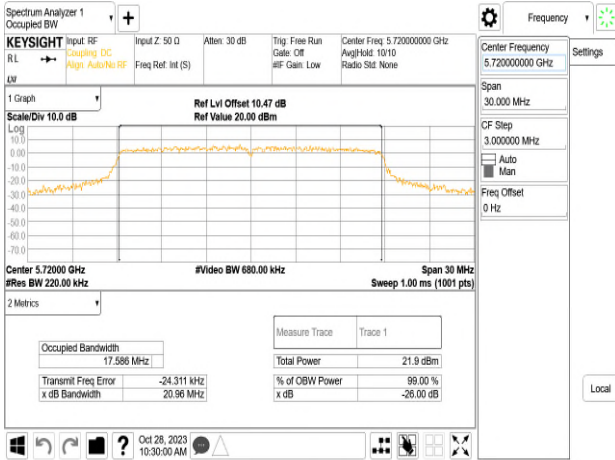
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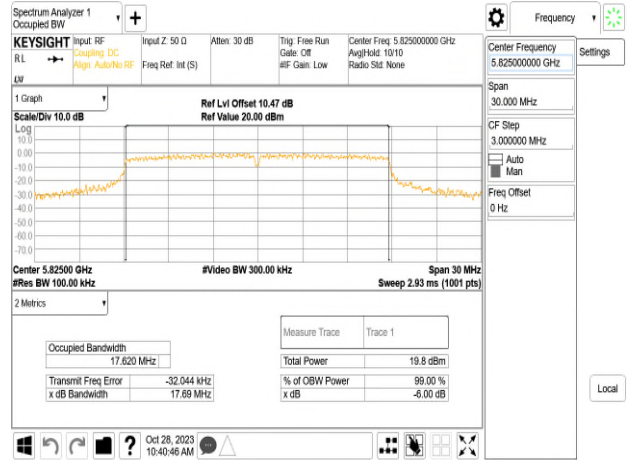
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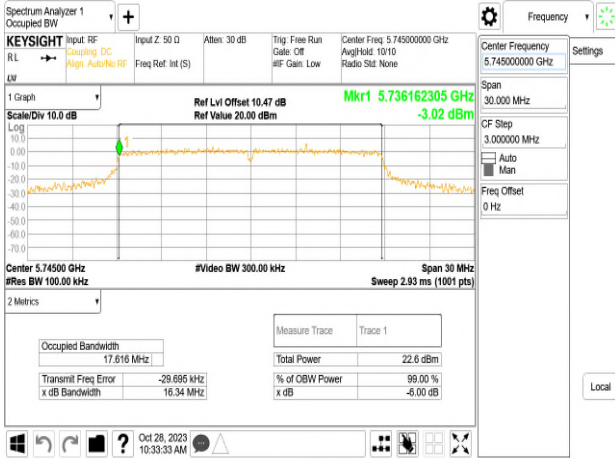
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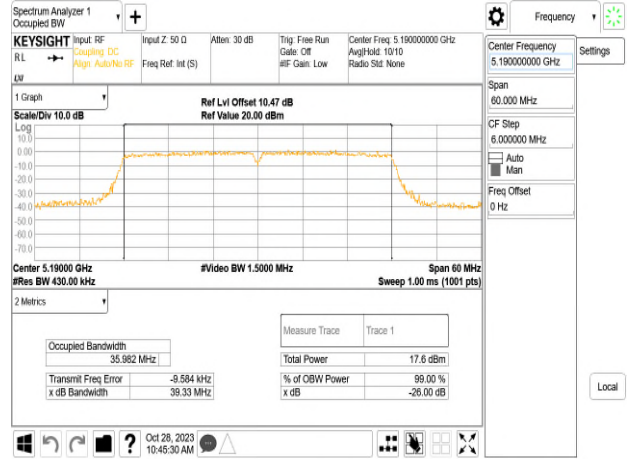
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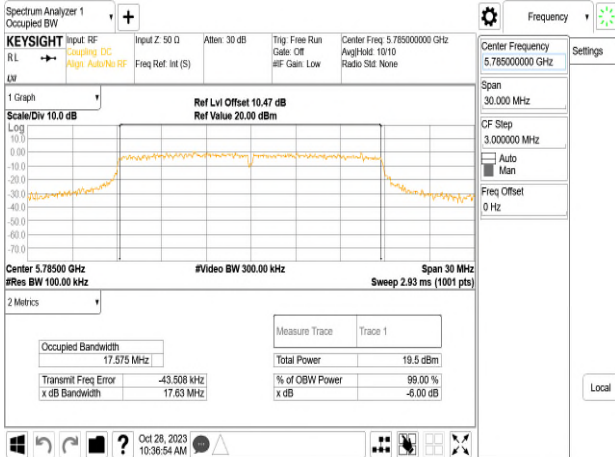
802.11n\_20MHz\_Chain1\_5745MHz



802.11n\_40MHz\_Chain0\_5190MHz



802.11n\_20MHz\_Chain1\_5785MHz



802.11n\_40MHz\_Chain0\_5230MHz

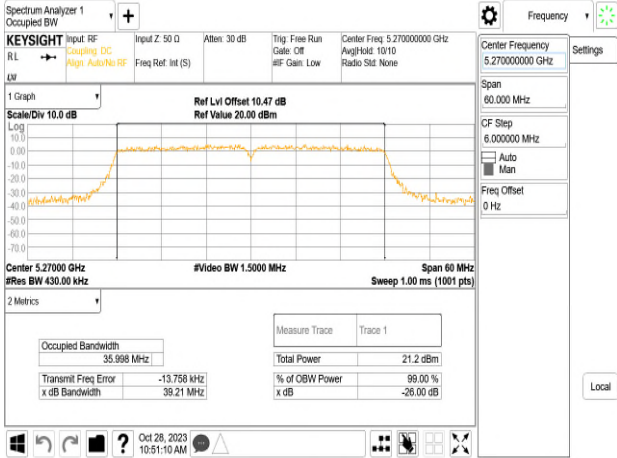


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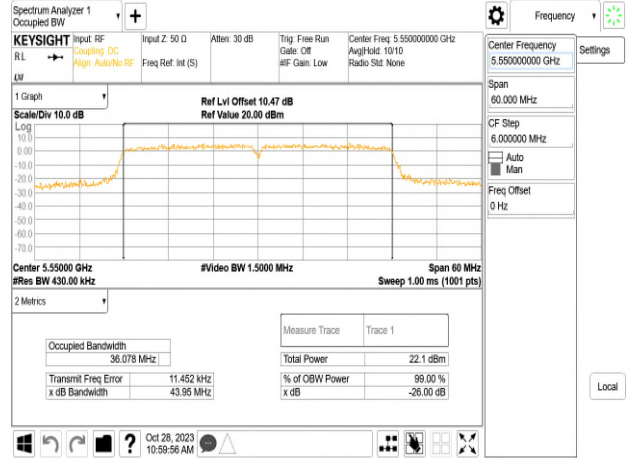
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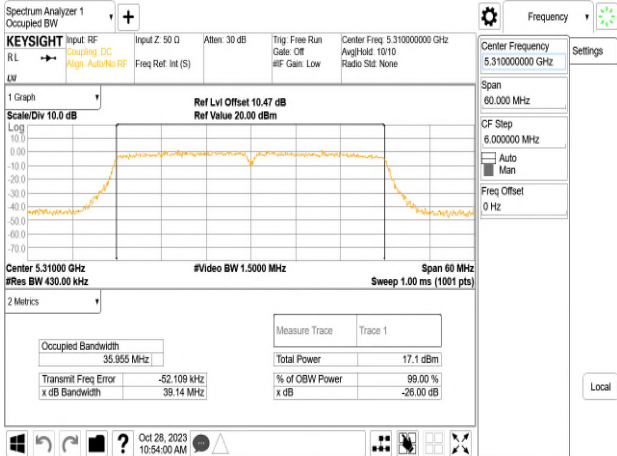
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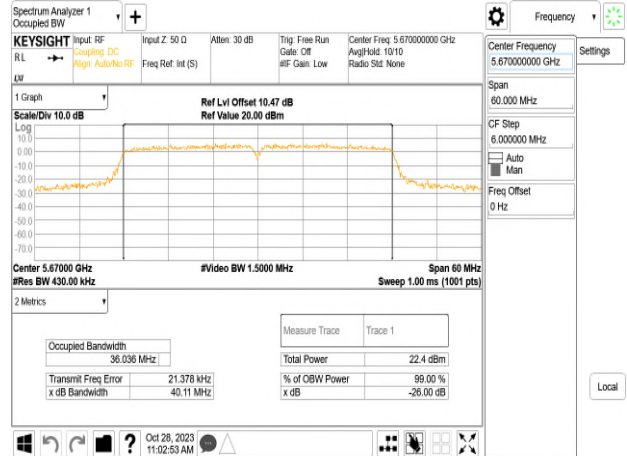
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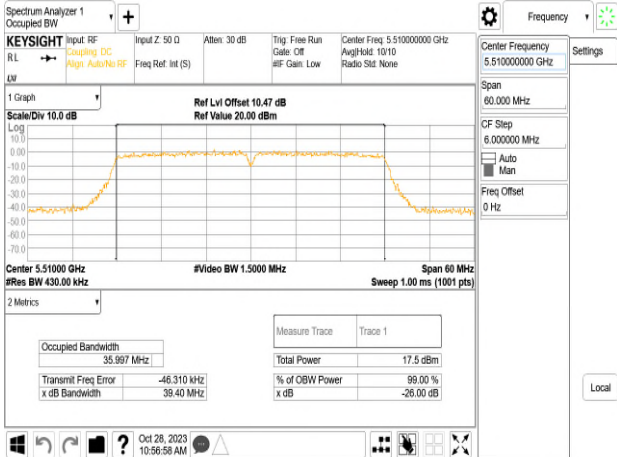
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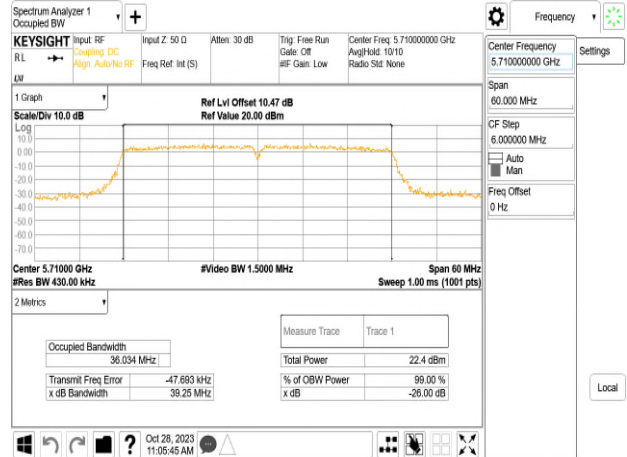
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802.11n\_40MHz\_Chain0\_5510MHz



802.11n\_40MHz\_Chain0\_5710MHz

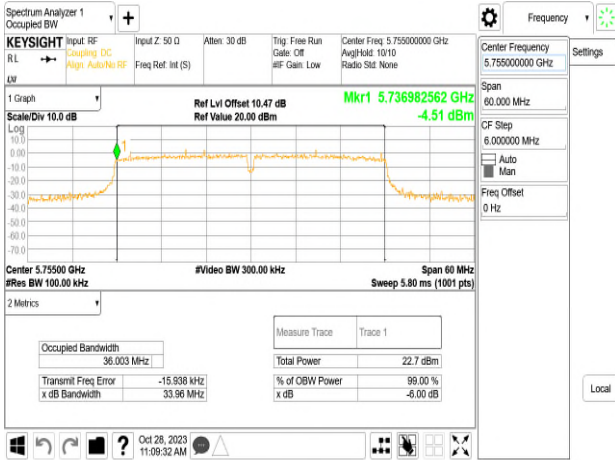


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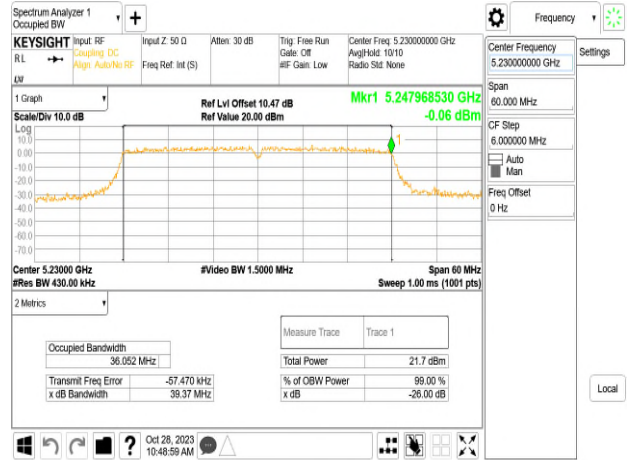
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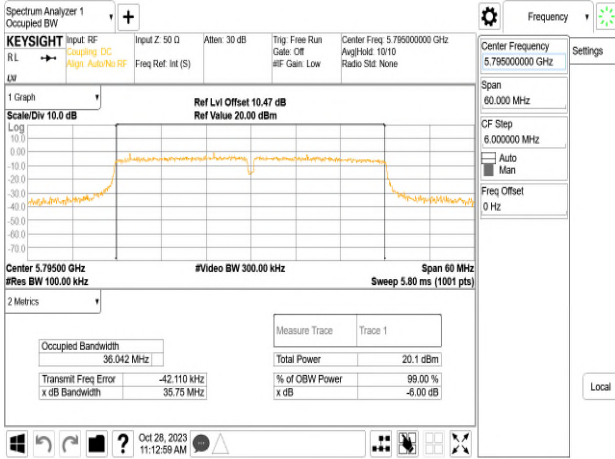
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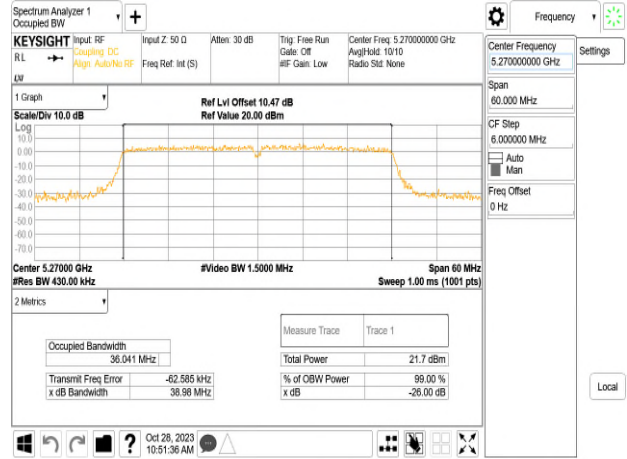
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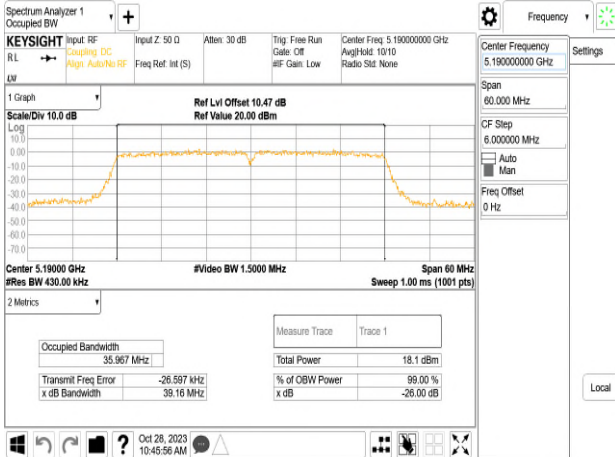
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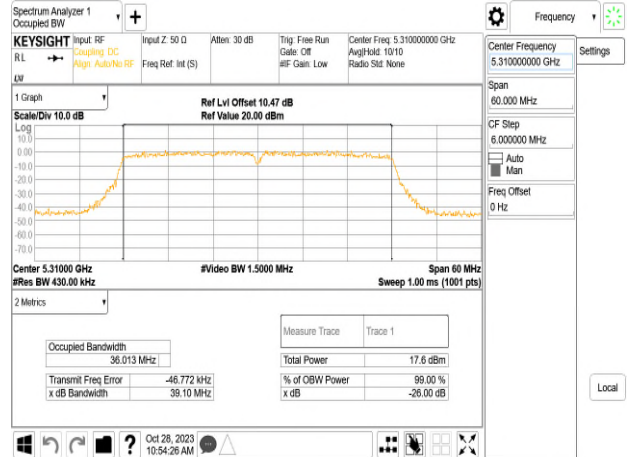
802.11n\_40MHz\_Chain1\_5270MHz



802.11n\_40MHz\_Chain1\_5190MHz



802.11n\_40MHz\_Chain1\_5310MHz

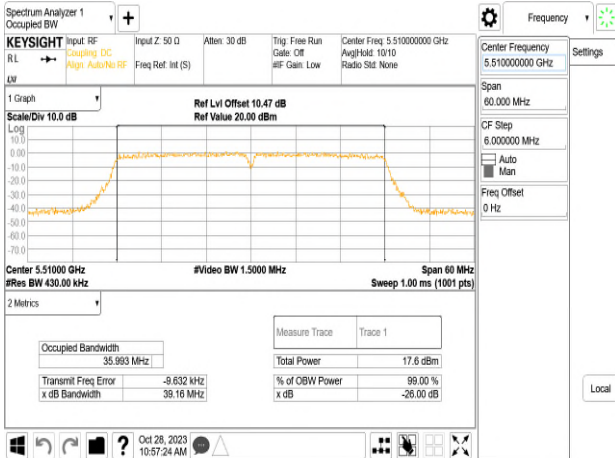


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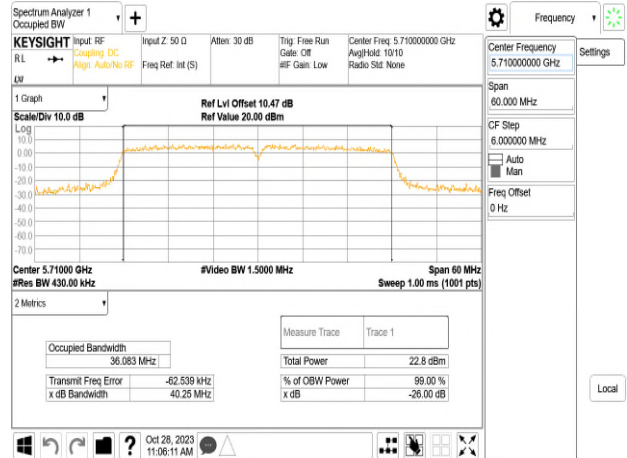
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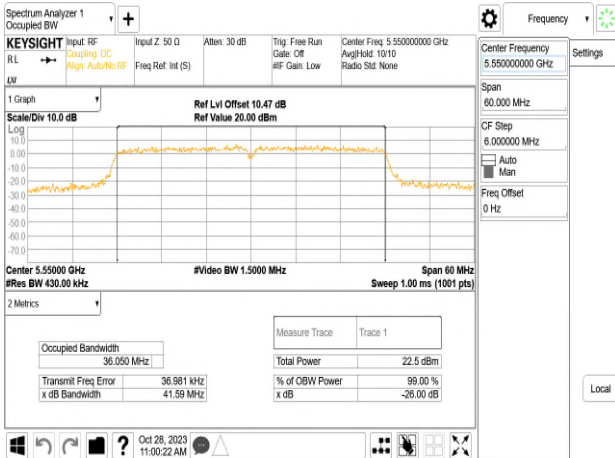
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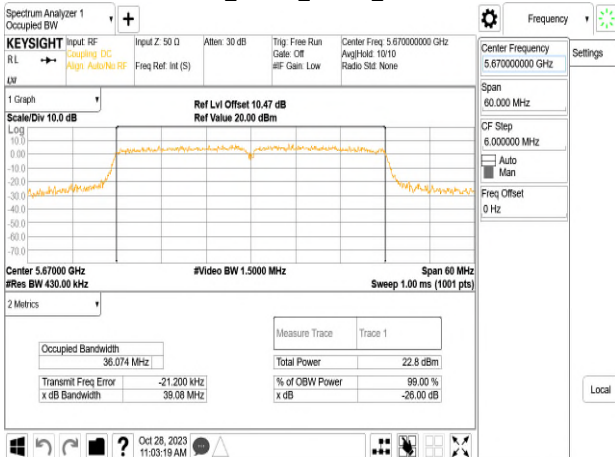
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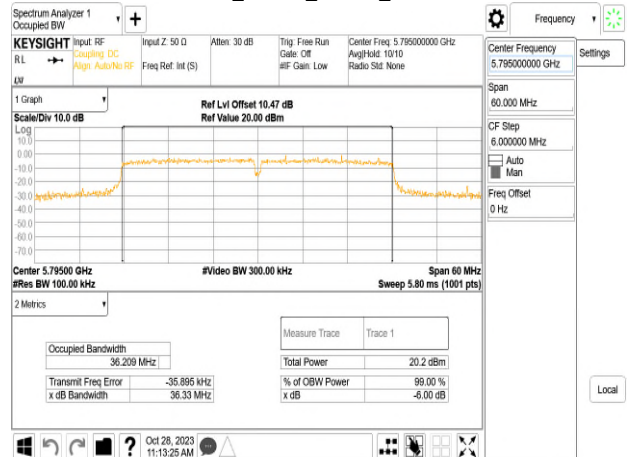
802.11n\_40MHz\_Chain1\_5755MHz



802.11n\_40MHz\_Chain1\_5670MHz



802.11n\_40MHz\_Chain1\_5795MHz



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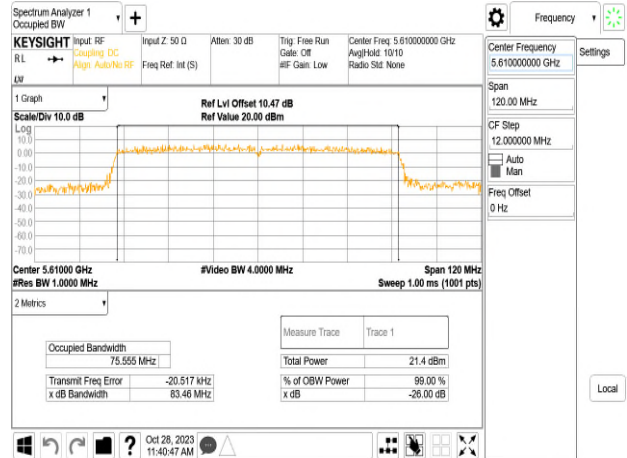
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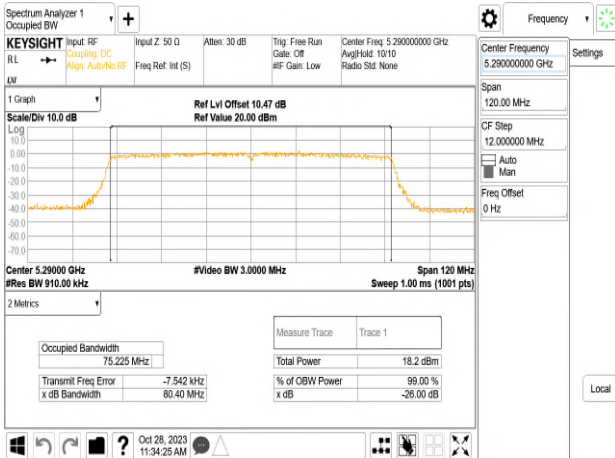
802.11ac\_80MHz\_Chain0\_5210MHz



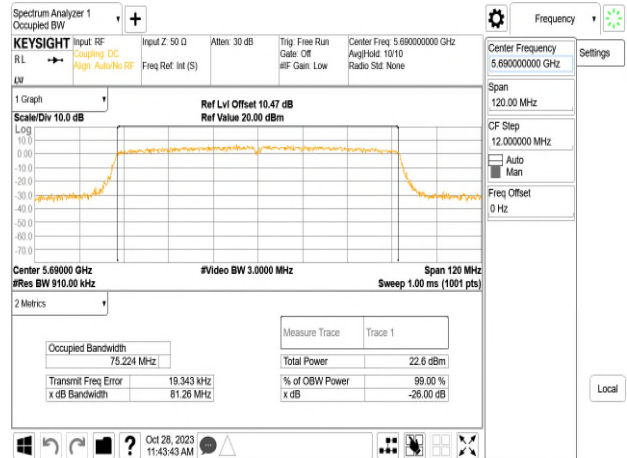
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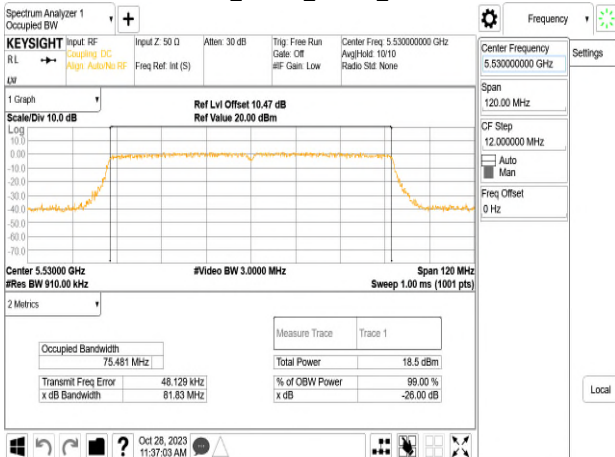
802.11ac\_80MHz\_Chain0\_5290MHz



802.11ac\_80MHz\_Chain0\_5690MHz



802.11ac\_80MHz\_Chain0\_5530MHz



802.11ac\_80MHz\_Chain0\_5775MHz

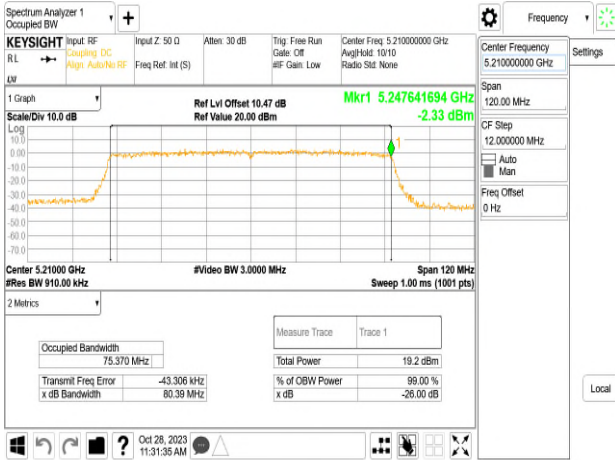


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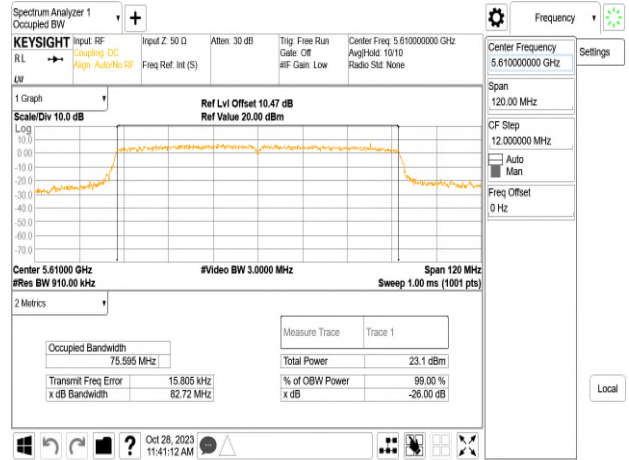
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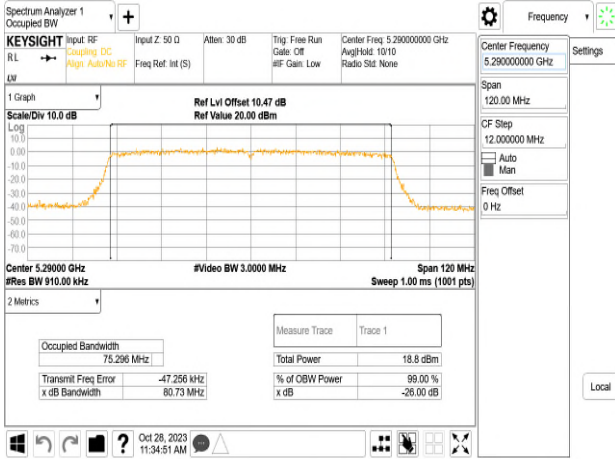
802.11ac\_80MHz\_Chain1\_5210MHz



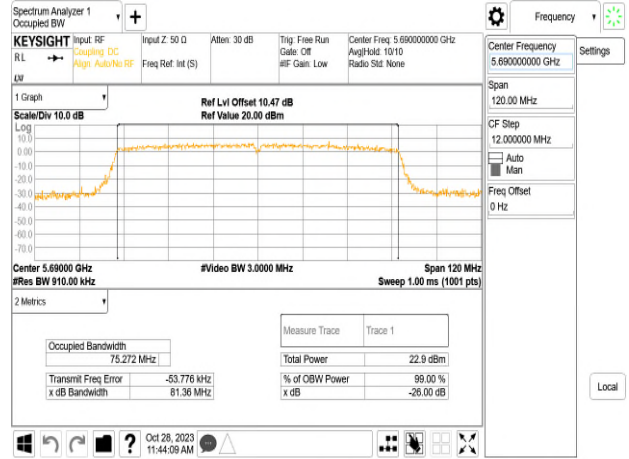
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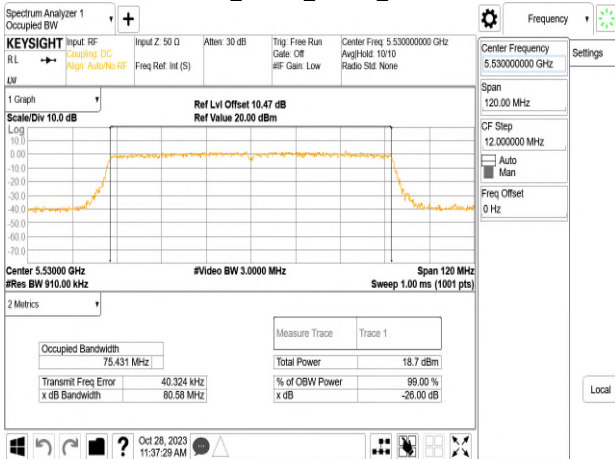
802.11ac\_80MHz\_Chain1\_5290MHz



802.11ac\_80MHz\_Chain1\_5690MHz



802.11ac\_80MHz\_Chain1\_5530MHz



802.11ac\_80MHz\_Chain1\_5775MHz

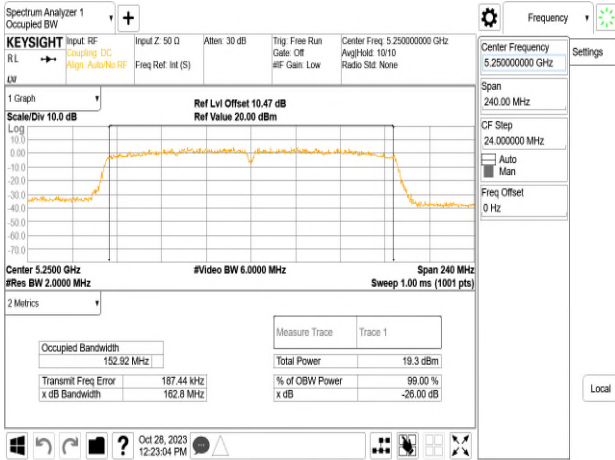


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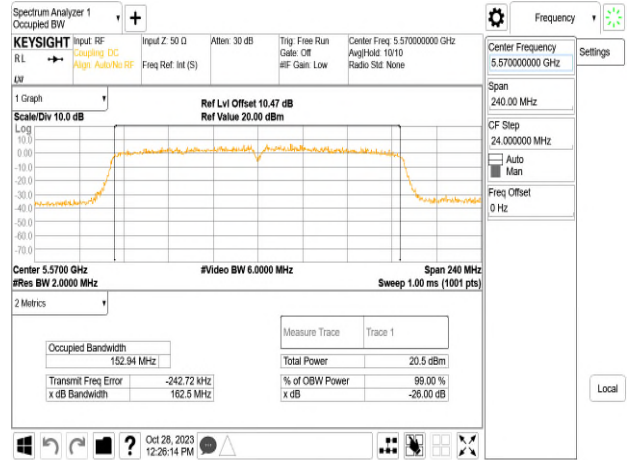
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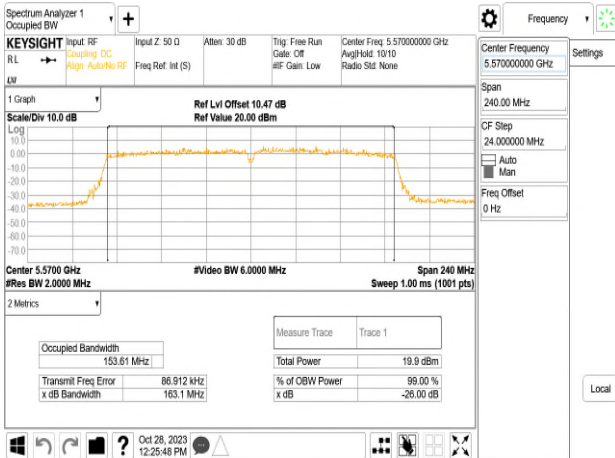
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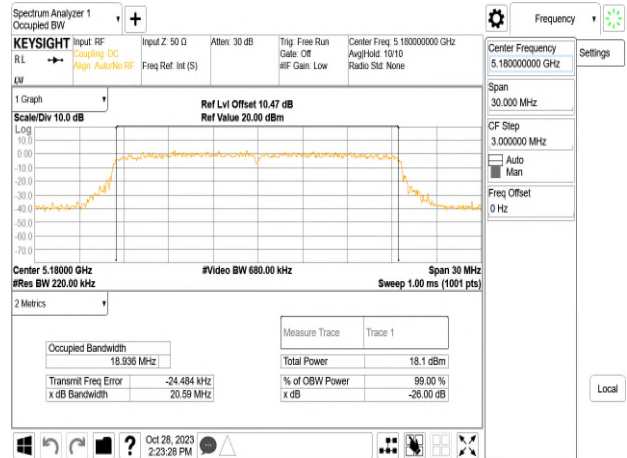
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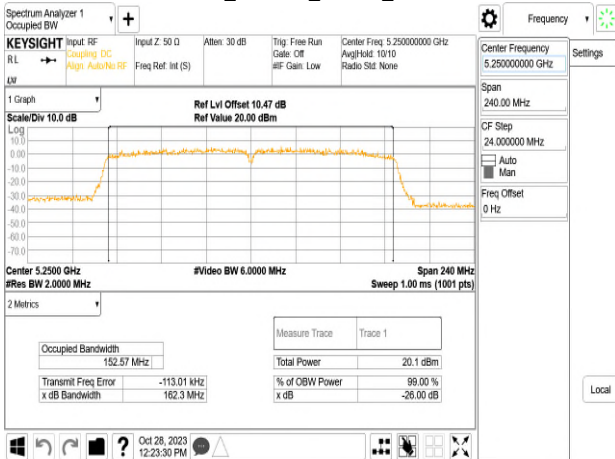
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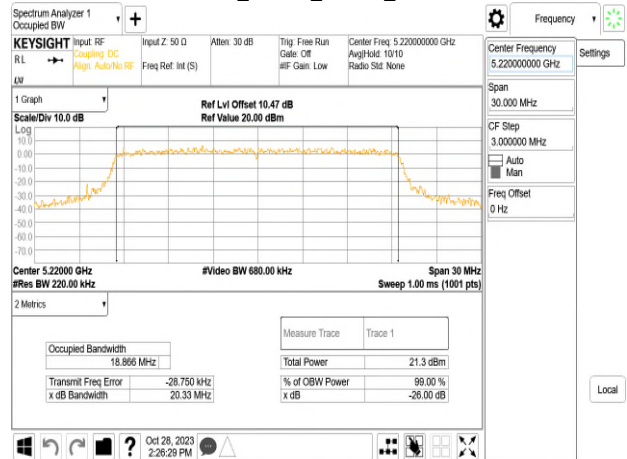
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802.11ac\_160MHz\_Chain1\_5250MHz



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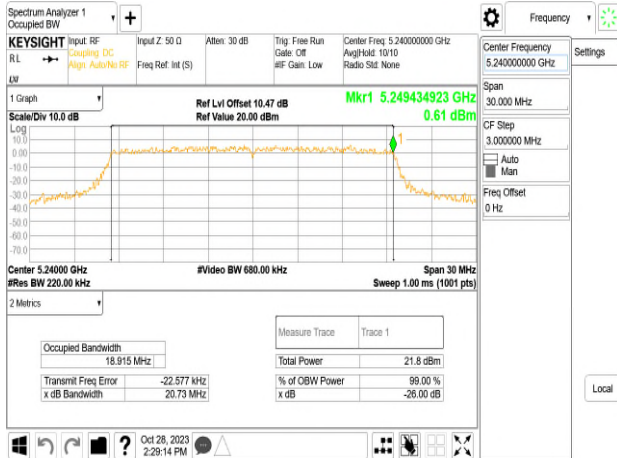


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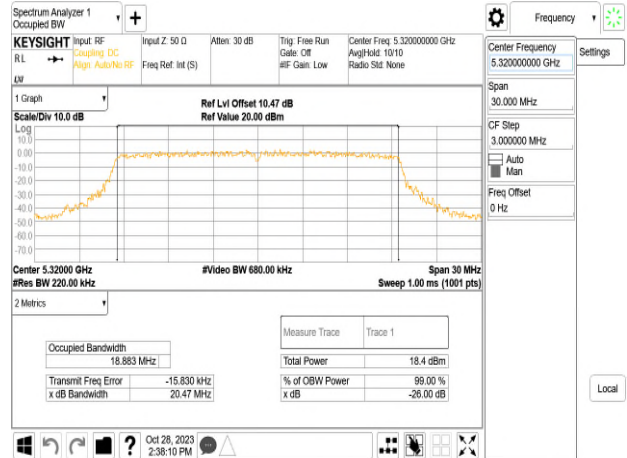
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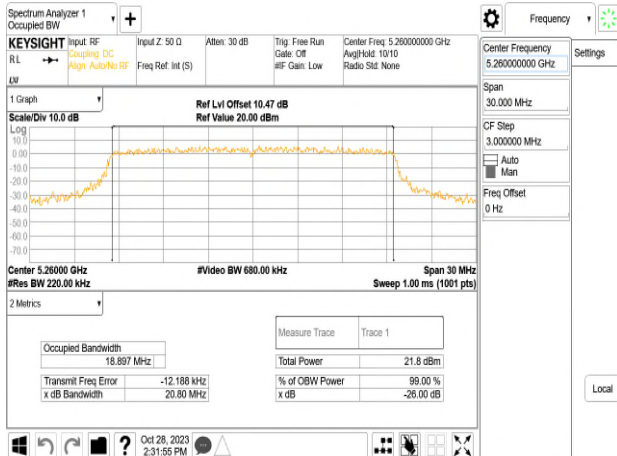
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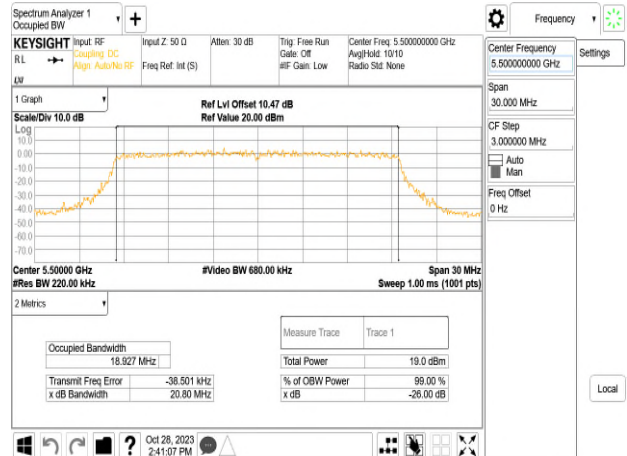
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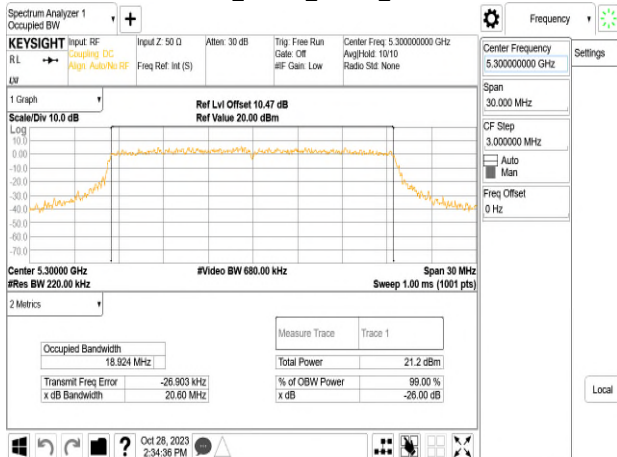
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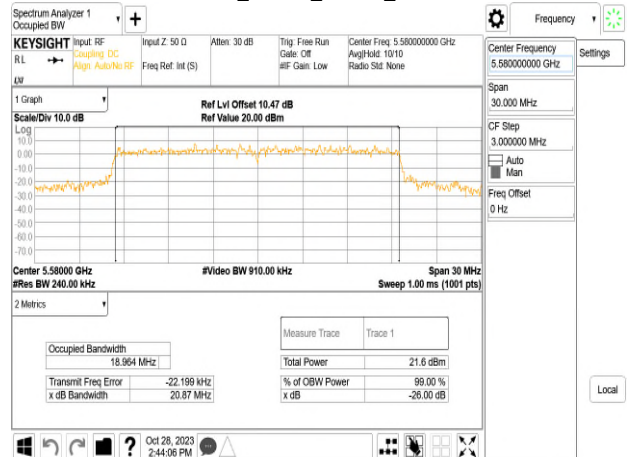
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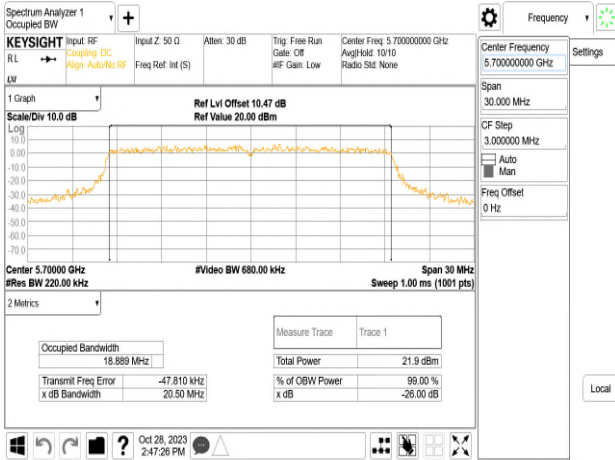
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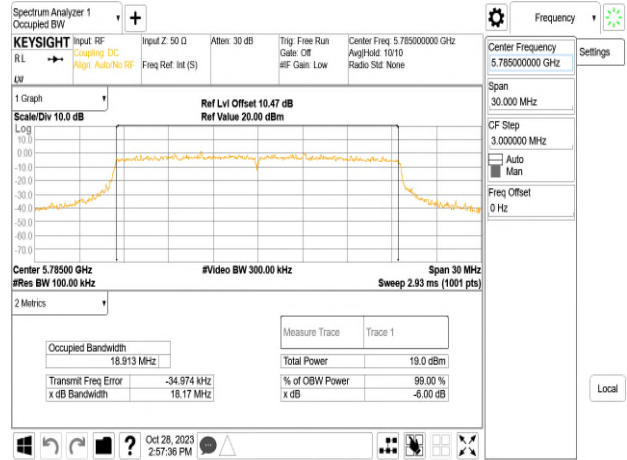
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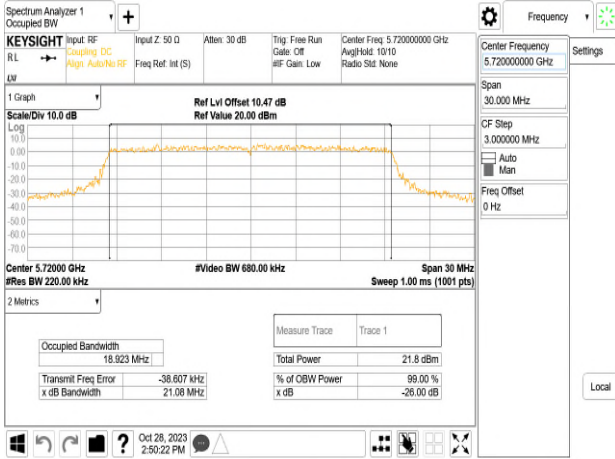
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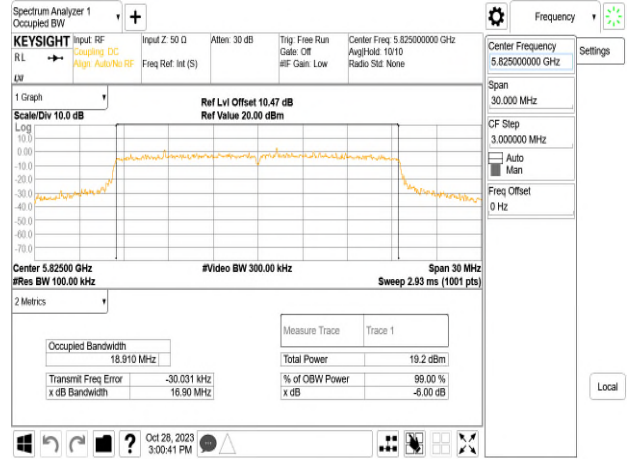
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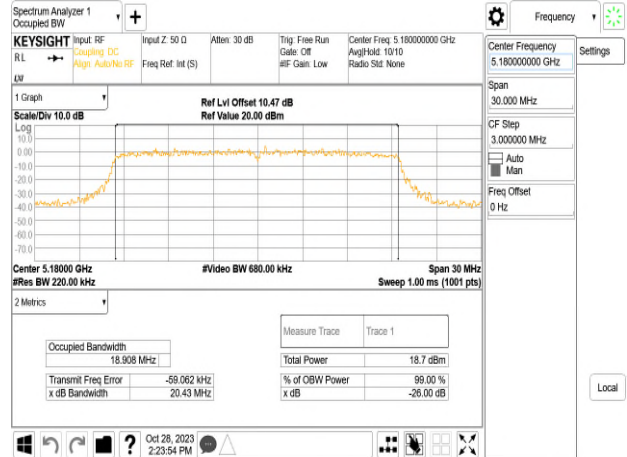
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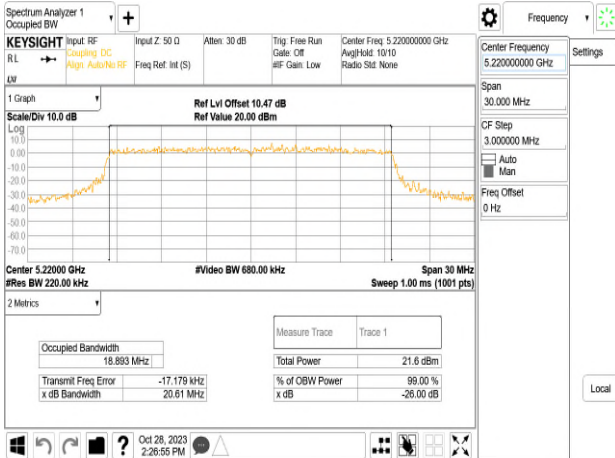


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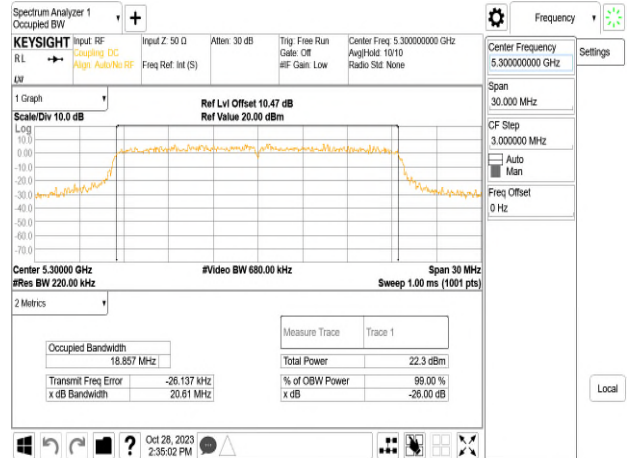
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802.11ax\_20MHz\_Chain1\_5220MHz



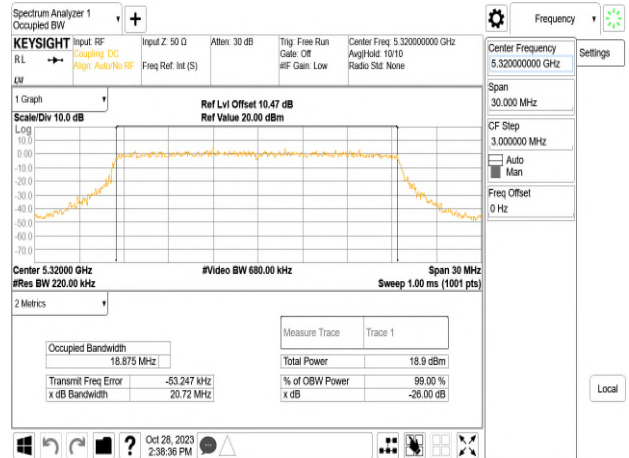
802.11ax\_20MHz\_Chain1\_5300MHz



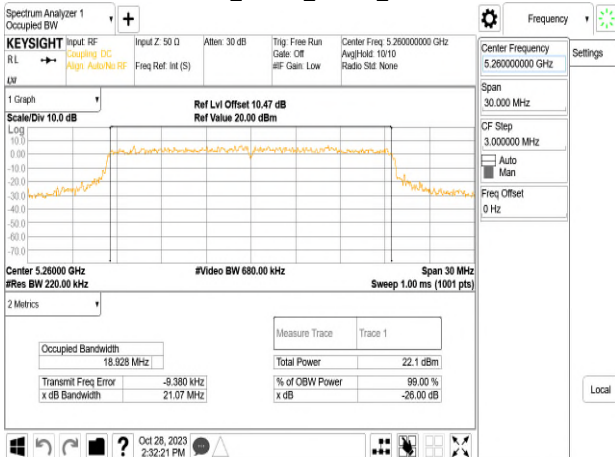
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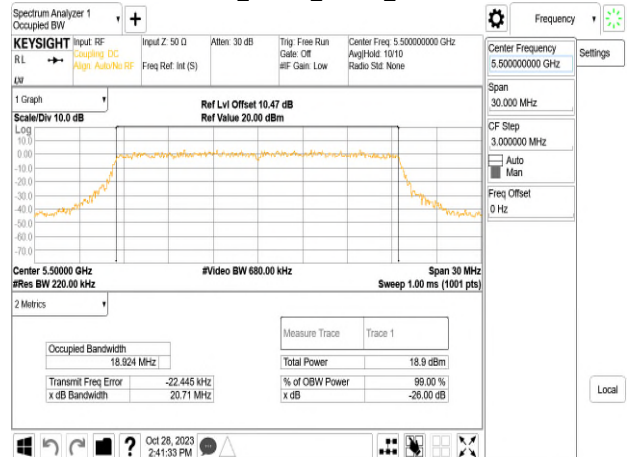
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802.11ax\_20MHz\_Chain1\_5260MHz



802.11ax\_20MHz\_Chain1\_5500MHz

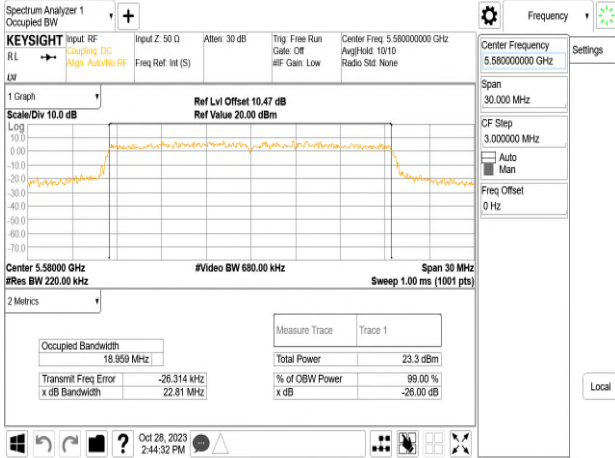


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

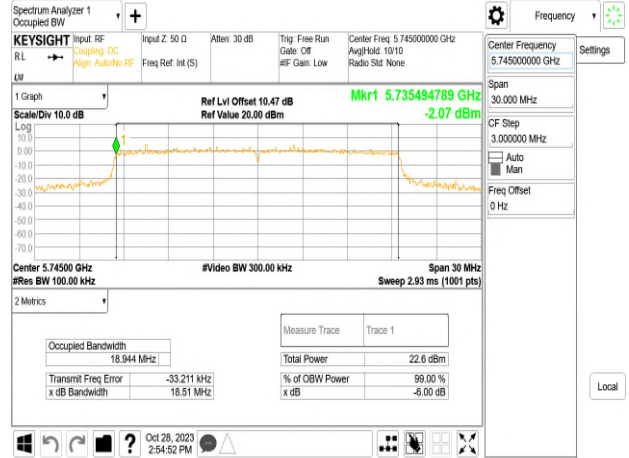
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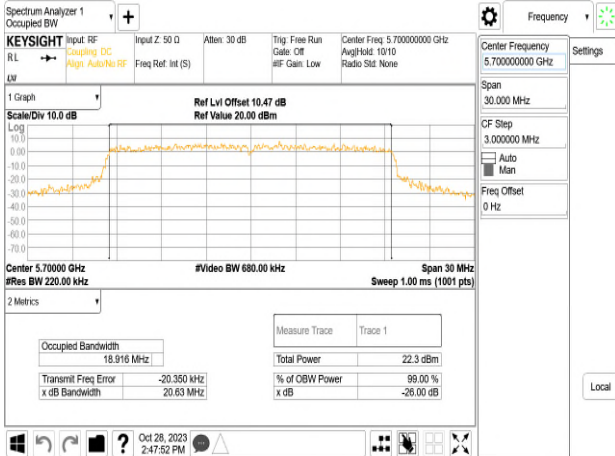
802.11ax\_20MHz\_Chain1\_5580MHz



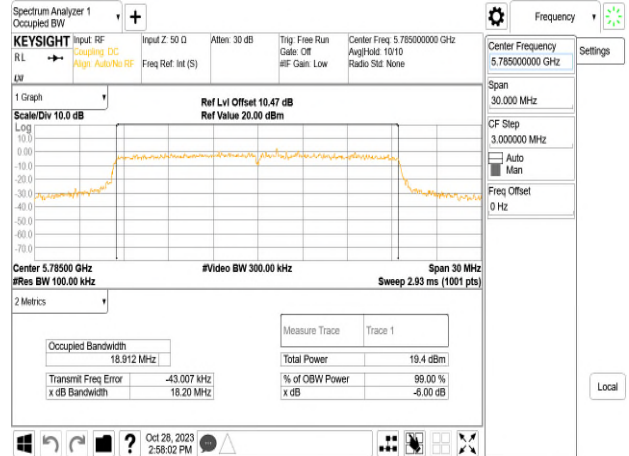
802.11ax\_20MHz\_Chain1\_5745MHz



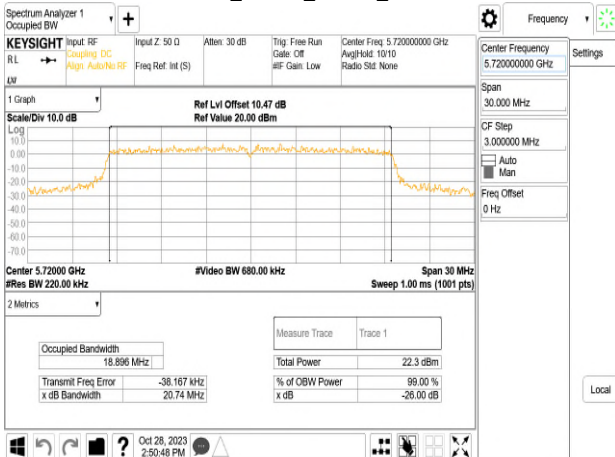
802.11ax\_20MHz\_Chain1\_5700MHz



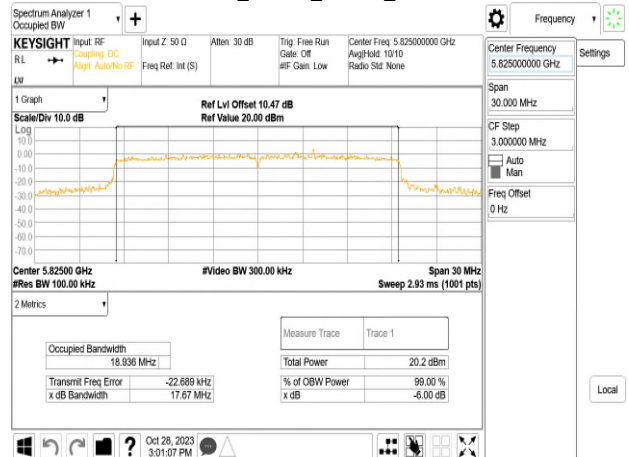
802.11ax\_20MHz\_Chain1\_5785MHz



802.11ax\_20MHz\_Chain1\_5720MHz



802.11ax\_20MHz\_Chain1\_5825MHz



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