

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE REPORT**

Applicant: Askey Computer Corporation
10F, No. 119, Jiankang Rd., Zhonghe Dist., New Taipei City,
Taiwan

Manufacturer: Askey Computer Corporation
10F, No. 119, Jiankang Rd., Zhonghe Dist., New Taipei City,
Taiwan

Product Name: 5G NR Sub 6 WiFi 7 Router

Brand Name: Verizon

Model No.: ASK-NCM1100E

Model Difference: N/A

Report Number: TERF2310002503E2

FCC ID H8N-ASK-NCM1100E

Date of EUT Received: October 4, 2023

Date of Test: October 4, 2023~December 6, 2023

Issue Date: December 19, 2023

Approved By _____

Jay Lin

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.

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
TERF2310002503E2	00	Original.	December 13, 2023	Susan Lin	
TERF2310002503E2	01	Update page 31	December 19, 2023	Susan Lin	*

Note:

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

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Contents

1	GENERAL INFORMATION	4
2	SYSTEM TEST CONFIGURATION.....	16
3	SUMMARY OF TEST RESULT	20
4	DESCRIPTION OF TEST MODES	21
5	MEASUREMENT UNCERTAINTY	32
6	MEASUREMENT EQUIPMENT USED	33
7	CONDUCTED EMISSION TEST	35
8	EMISSION BANDWIDTH	41
9	MAXIMUM OUTPUT POWER.....	134
10	MAXIMUM POWER SPECTRAL DENSITY	153
11	IN-BAND EMISSION	198
12	UNDESIRABLE RADIATED EMISSIONS.....	335
13	CONTENTION BASED PROTOCOL	862
14	DEMONSTRATION OF PROPER POWER ADJUSTMENT BASED ON ASSOCIATED AP 880	
15	TRANSMISSION IN THE ABSENCE OF DATA.....	882
16	ANTENNA REQUIREMENT	883

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1 GENERAL INFORMATION

1.1 Product Description

Product Name:	5G NR Sub 6 WiFi 7 Router
Brand Name:	Verizon
Model No.:	ASK-NCM1100E
Model Difference:	N/A
Hardware Version:	Rev4
Firmware Version:	SDK 2.0.6
EUT Series No.:	ACC33200176
Power Supply:	12V
Test Software (Name/Version):	Tera Term 4,68,0,0

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1.2 Modulation & Data Rate

Mode: CDD

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
	4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11be
Transition Rate:	802.11 a: 6 - 54 Mbps
	802.11 n_20MHz: up to 288.8 Mbps
	802.11 n_40MHz: up to 600 Mbps
	802.11 ac_80MHz: up to 1733.2 Mbps
	802.11 ac_160MHz: up to 3466.8 Mbps
	802.11 be_20MHz: up to 688.2 Mbps
	802.11 be_40MHz: up to 1376.5 Mbps
	802.11 be_80MHz: up to 2882.4 Mbps
	802.11 be_160MHz: up to 5764.8 Mbps
	802.11 be_320MHz: up to 11529.6 Mbps

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Mode: Beamforming

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
	4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11be
Transition Rate:	802.11 a: 6 - 54 Mbps
	802.11 n_20MHz: up to 288.8 Mbps
	802.11 n_40MHz: up to 600 Mbps
	802.11 ac_20MHz: up to 346.8 Mbps
	802.11 ac_40MHz: up to 800 Mbps
	802.11 ac_80MHz: up to 1733.2 Mbps
	802.11 ac_160MHz: up to 3466.8 Mbps
	802.11 ax_20MHz: up to 573.6 Mbps
	802.11 ax_40MHz: up to 1147.2 Mbps
	802.11 ax_80MHz: up to 2402 Mbps
	802.11 ax_160MHz: up to 4804 Mbps
	802.11 be_20MHz: up to 688.2 Mbps
	802.11 be_40MHz: up to 1376.5 Mbps
	802.11 be_80MHz: up to 2882.4 Mbps
802.11 be_160MHz: up to 5764.8 Mbps	
802.11 be_320MHz: up to 11529.6 Mbps	

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Spot Check

Mode: CDD

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
	4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11be
Transition Rate:	802.11 a: 6 - 54 Mbps
	802.11 n_20MHz: up to 288.8 Mbps
	802.11 n_40MHz: up to 600 Mbps
	802.11 ac_20MHz: up to 346.8 Mbps
	802.11 ac_40MHz: up to 800 Mbps
	802.11 ac_80MHz: up to 1733.2 Mbps
	802.11 ac_160MHz: up to 3466.8 Mbps
	802.11 ax_20MHz: up to 573.6 Mbps
	802.11 ax_40MHz: up to 1147.2 Mbps
	802.11 ax_80MHz: up to 2402 Mbps
	802.11 ax_160MHz: up to 4804 Mbps
	802.11 be_20MHz: up to 688.2 Mbps
	802.11 be_40MHz: up to 1376.5 Mbps
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1.3 Antenna Designation

Antenna Type	Antenna No.	Freq. (MHz)	Peak Antenna Gain (dBi)
PCB	Antenna 21	5925~6425	4.53
		6425~6525	3.57
		6525~6875	4.28
		6875~7125	2.53
	Antenna 22	5925~6425	5.74
		6425~6525	4.54
		6525~6875	4.65
		6875~7125	3.36
	Antenna 23	5925~6425	5.01
		6425~6525	3.40
		6525~6875	3.39
		6875~7125	3.91
	Antenna 24	5925~6425	4.13
		6425~6525	4.08
		6525~6875	4.26
		6875~7125	5.52

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 Rated Power

Mode: CDD

WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
a n_HT ac_VHT 20MHz	5955~6415	24	15.19 dBm
	6435~6515	5	14.05 dBm
	6535~6875	18	14.32 dBm
	6895~7095	11	14.81 dBm
n_HT ac_VHT 40MHz	5965~6405	12	16.57 dBm
	6445~6525	3	17.48 dBm
	6565~6845	8	17.24 dBm
	6885~7085	6	16.78 dBm
ac_VHT 80MHz	5985~6385	6	20.48 dBm
	6465	1	20.45 dBm
	6545~6865	5	20.68 dBm
	6945~7025	2	20.30 dBm
ac_VHT 160MHz	6025~6345	3	22.49 dBm
	6505	1	22.41 dBm
	6665~6825	2	22.23 dBm
	6985	1	21.47 dBm

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WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
ax_HE be_EHT 20MHz	5955~6415	24	15.37 dBm
	6435~6515	5	14.21 dBm
	6535~6875	18	14.60 dBm
	6895~7095	11	15.05 dBm
ax_HE be_EHT 40MHz	5965~6405	12	17.01 dBm
	6445~6525	3	17.18 dBm
	6565~6845	8	17.33 dBm
	6885~7085	6	17.64 dBm
ax_HE be_EHT 80MHz	5985~6385	6	20.64 dBm
	6465	1	20.53 dBm
	6545~6865	5	20.68 dBm
	6945~7025	2	19.81 dBm
ax_HE be_EHT 160MHz	6025~6345	3	23.14 dBm
	6505	1	21.56 dBm
	6665~6825	2	23.01 dBm
	6985	1	22.21 dBm
be_EHT 320MHz	6105~6265	3	25.05 dBm
	6425	1	23.98 dBm
	6585~6745	2	25.08 dBm
	6905	1	23.86 dBm

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Mode: Beamforming

WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
n_HT ac_VHT 20MHz	5955~6415	24	16.19 dBm
	6435~6515	5	16.18 dBm
	6535~6875	18	16.32 dBm
	6895~7095	11	16.10 dBm
n_HT ac_VHT 40MHz	5965~6405	12	19.07 dBm
	6445~6525	3	19.26 dBm
	6565~6845	8	19.18 dBm
	6885~7085	6	19.02 dBm
ac_VHT 80MHz	5985~6385	6	21.47 dBm
	6465	1	21.27 dBm
	6545~6865	5	22.28 dBm
	6945~7025	2	21.85 dBm
ac_VHT 160MHz	6025~6345	3	24.39 dBm
	6505	1	24.93 dBm
	6665~6825	2	25.40 dBm
	6985	1	24.34 dBm

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WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
ax_HE be_EHT 20MHz	5955~6415	24	15.93 dBm
	6435~6515	5	14.15 dBm
	6535~6875	18	14.49 dBm
	6895~7095	11	14.29 dBm
ax_HE be_EHT 40MHz	5965~6405	12	16.55 dBm
	6445~6525	3	16.94 dBm
	6565~6845	8	16.52 dBm
	6885~7085	6	19.28 dBm
ax_HE be_EHT 80MHz	5985~6385	6	21.40 dBm
	6465	1	19.81 dBm
	6545~6865	5	20.24 dBm
	6945~7025	2	19.24 dBm
ax_HE be_EHT 160MHz	6025~6345	3	24.38 dBm
	6505	1	22.87 dBm
	6665~6825	2	22.58 dBm
	6985	1	21.80 dBm
be_EHT 320MHz	6105~6265	3	27.16 dBm
	6425	1	25.74 dBm
	6585~6745	2	25.09 dBm
	6905	1	25.22 dBm

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Spot Check
Mode: CDD

WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
a n_HT ac_VHT 20MHz	5955~6415	24	15.17 dBm
	6535~6875	18	12.39 dBm
n_HT ac_VHT 40MHz	6445~6525	3	17.16 dBm
ac_VHT 80MHz	6545~6865	5	20.35 dBm
ac_VHT 160MHz	6025~6345	3	22.07 dBm

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WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
ax_HE be_EHT 20MHz	5955~6415	24	15.15 dBm
ax_HE be_EHT 40MHz	6885~7085	6	17.57 dBm
ax_HE be_EHT 80MHz	6545~6865	5	20.50 dBm
ax_HE be_EHT 160MHz	6025~6345	3	22.71 dBm
be_EHT 320MHz	6585~6745	2	24.93 dBm

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1.5 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.10:2013

1.6 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	TW3702
		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.

1.7 Special Accessories

There are no special accessories used while test was conducted.

1.8 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.

2.3.4 CBP Test

The active antenna port of the unlicensed wireless device is connected to the spectrum analyzer and signal generator and companion device to perform the test.

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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

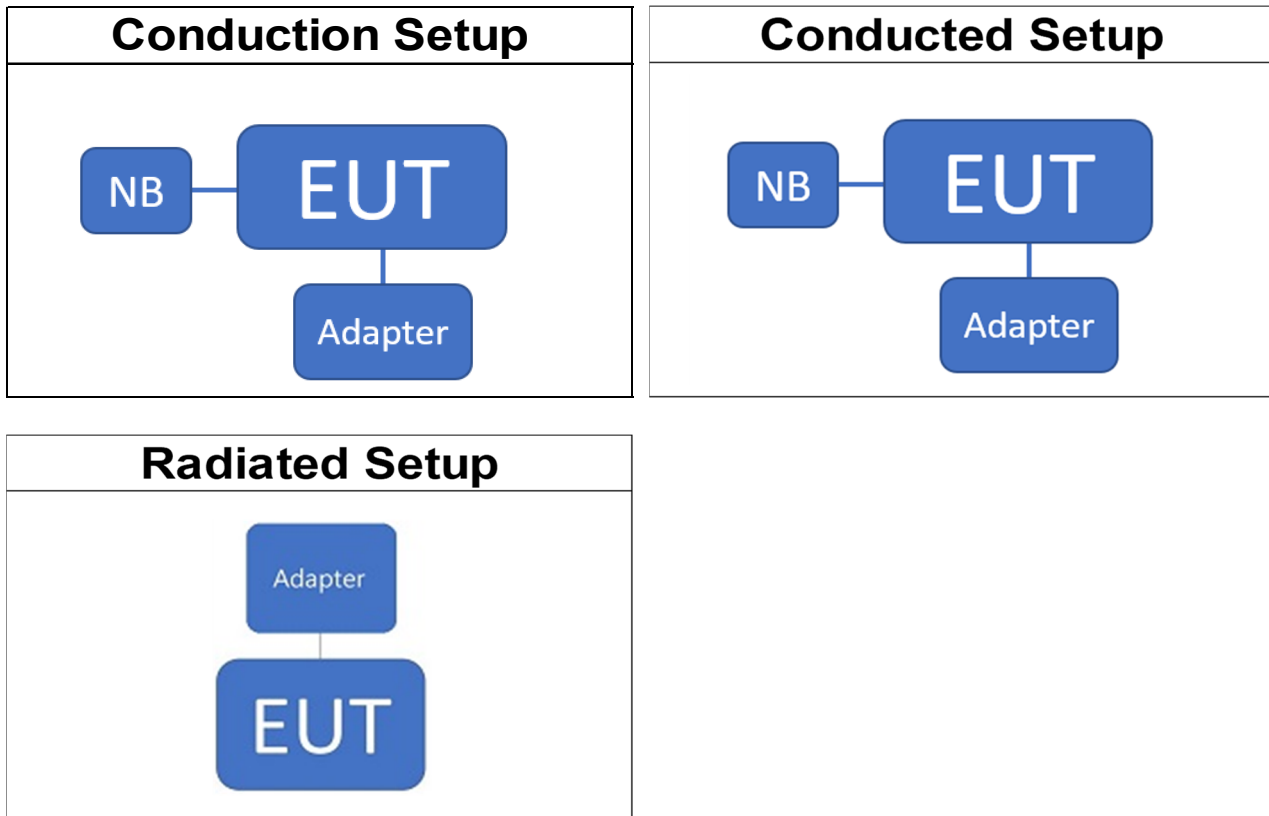
Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

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.

2.5 Test Configuration

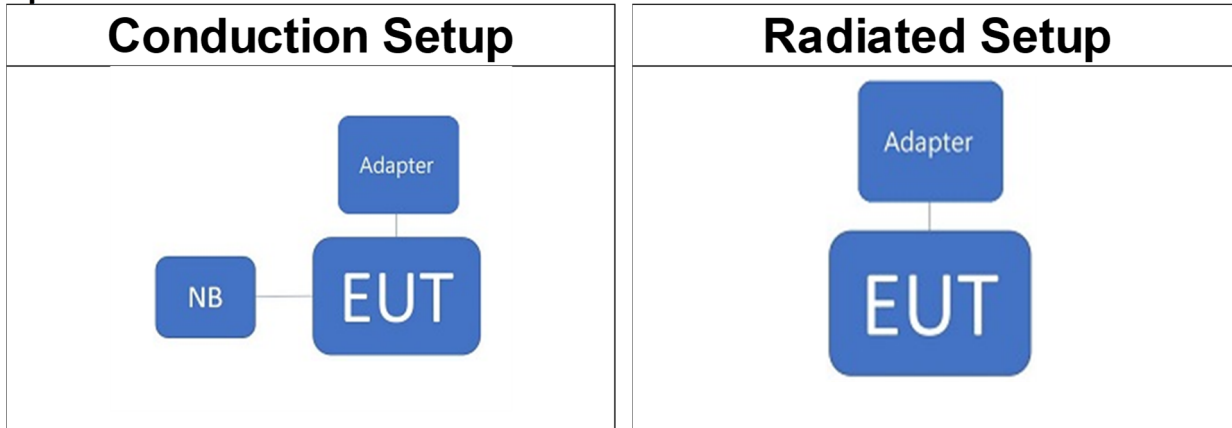


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Spot Check



2.6 Control Unit(s)

2.6.1 Conduction setup

AC Power-Line Conducted Emission Test Site: Conduction C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Lenovo	T470	P0001293	N/A	N/A

2.6.2 Conducted Setup

Conducted Emission Test Site: Conducted F					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Lenovo	L480	P0002332	N/A	N/A

2.6.3 Radiated Setup

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Adapter	MASS POWER	S065-1B120500VU	N/A	N/A	N/A
Notebook	Lenovo	T440p	P0000665	N/A	N/A

2.6.4 CBP Setup

Conducted Emission Test Site: Conducted B					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Companion EUT	ASKEY	N/A	N/A	N/A	N/A
Test Software	SGS Taiwan	Radio Test Software	Ver.23.10.23	N/A	N/A
Notebook	Lenovo	T14	P0002852	N/A	N/A
Notebook	Lenovo	T14	P0002721	N/A	N/A
Notebook	Lenovo	120S	N/A	N/A	N/A

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Spot Check

AC Power-Line Conducted Emission Test Site: Conduction C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Lenovo	L480	P0002332	N/A	N/A

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3 SUMMARY OF TEST RESULT

FCC Rules	Description Of Test	Result	Note
§15.207	AC Power Line Conducted Emission	Compliant	S
§15.407(a)(10) §2.1049	Emission Bandwidth	Compliant	
§15.407(a)(4~8)	Maximum Conducted Output Power	Compliant	S
§15.407(a)(4~8)	Power Spectral Density	Compliant	
§15.407(b)(6)	In-band emission	Compliant	
§15.205 §15.209 §15.407(b)(5),(b)(8), (b)(9)	Undesirable Radiated Emissions	Compliant	S
§15.407(d)(6)	contention-based protocol	Compliant	
§15.407(a)(7)(8)	Test Demonstration of Proper Power Adjustment based on Associated AP	NA Device only associates with indoor AP	
§15.407(c)	Transmission in case of Absence of Information	Compliant	
§15.203	Antenna Requirement	Compliant	

Note

1. N/S Indicates whether item(s) being newly tested [N] or spot checked [S].
2. Items other than newly tested [N] are leveraged from test report TERF2308001924E2, FCC ID: H8N-ASK-NCM1100.
3. Summary of the spot check:

Frequency Bnad	Original FCC ID: H8N-ASK-NCM1100 (dBm)	Variant FCC ID: H8N-ASK-NCM1100E (dBm)	Deviation <=25%
WIFI 6G 802.11a	12.82	12.39	-9%
WIFI 6G 802.11n_HT20	15.19	15.17	0%
WIFI 6G 802.11n_HT40	17.48	17.16	-7%
WIFI 6G 802.11n_VHT80	20.68	20.35	-7%
WIFI 6G 802.11n_VHT160	22.49	22.07	-9%
WIFI 6G 802.11n_EHT20	15.37	15.15	-5%
WIFI 6G 802.11n_EHT40	17.64	17.57	-2%
WIFI 6G 802.11n_EHT80	20.68	20.50	-4%
WIFI 6G 802.11n_EHT160	23.14	22.71	-9%
WIFI 6G 802.11n_EHT320	25.08	24.93	-3%

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4 DESCRIPTION OF TEST MODES

4.1 Operating Frequencies

UNII-5 5925~6425 MHz

20MHz				40MHz		80MHz		160MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
1	5955	49	6195	3	5965	7	5985	15	6025
5	5975	53	6215	11	6005	23	6065	47	6185
9	5995	57	6235	19	6045	39	6145	79	6345
13	6015	61	6255	27	6085	55	6225		
17	6035	65	6275	35	6125	71	6305		
21	6055	69	6295	43	6165	87	6385		
25	6075	73	6315	51	6205				
29	6095	77	6335	59	6245				
33	6115	81	6355	67	6285				
37	6135	85	6375	75	6325				
41	6155	89	6395	83	6365				
45	6175	93	6415	91	6405				

320MHz	
CH	Freq. (MHz)
31	6105
63	6265
95	6425

UNII-6 6425~6525 MHz

20MHz		40MHz		80MHz		160MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
97	6435	99	6445	103	6465	111	6505
101	6455	107	6485				
105	6475	115	6525				
109	6495						
113	6515						

UNII-7 6525~6875 MHz

20MHz				40MHz		80MHz		160MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
117	6535	153	6715	123	6565	119	6545	143	6665
121	6555	157	6735	131	6605	135	6625	175	6825
125	6575	161	6755	139	6645	151	6705		
129	6595	165	6775	147	6685	167	6785		
133	6615	169	6795	155	6725	183	6865		
137	6635	173	6815	163	6765				
141	6655	177	6835	171	6805				
145	6675	181	6855	179	6845				
149	6695	185	6875						

320MHz	
CH	Freq. (MHz)
127	6585
159	6745

UNII-8 6875~7125 MHz

20MHz		40MHz		80MHz		160MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
189	6895	187	6885	199	6945	207	6985
193	6915	195	6925	215	7025		
197	6935	203	6965				
201	6955	211	7005				
205	6975	219	7045				
209	6995	227	7085				
213	7015						
217	7035						
221	7055						
225	7075						
229	7095						

320MHz	
CH	Freq. (MHz)
191	6905

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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.

Mode: CDD

Modulation		Transmission Chain								Single Transmission Spatial	Multiple Transmission Spatial	
v	802.11 a	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX
v	802.11 n	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX
v	802.11 ac	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX
v	802.11 ax	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX
v	802.11 be	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX

Mode: Beamforming

Modulation		Transmission Chain								Single Transmission Spatial	Multiple Transmission Spatial	
v	802.11 a	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX
v	802.11 n	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX
v	802.11 ac	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX
v	802.11 ax	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX
v	802.11 be	v	Ch0	v	Ch1	v	Ch2	v	Ch3	1TX	v	4TX

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.

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Mode: CDD

CONDUCTED TEST						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5955~6415	1 to 93	1,45,93	OFDM	6	4TX
	6435~6515	97 to 113	97,105,113			
	6535~6875	117 to 185	117,149,181,185			
	6895~7095	189 to 229	189,209			
802.11n_HT20	5955~6415	1 to 93	1,45,93	OFDM	MCS0	4TX
	6435~6515	97 to 113	97,105,113			
	6535~6875	117 to 185	117,149,181,185			
802.11n_HT40	5965~6405	3 to 91	3,43,91	OFDM	MCS0	4TX
	6445~6525	99 to 115	99,107,115			
	6565~6845	123 to 179	123,147,179			
802.11ac_VHT80	5985~6385	7 to 87	7,39,87	OFDM	MCS0	4TX
	6465	111	103			
	6545~6865	119 to 183	119,135,151,167,183			
	6945~7025	199 to 215	199,215			
802.11ac_VHT160	6025~6345	15 to 79	15,47,79	OFDM	MCS0	4TX
	6505	111	111			
	6665~6825	143 to 175	143,175			
	6985	207	207			

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CONDUCTED TEST							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	MRU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11be_EHT20	5955~6415	1 to 93	1,45,93	OFDMA	FULL RU	MCS0	4TX
	6435~6515	97 to 113	97,105,113				
	6535~6875	117 to 185	117,149,181,185				
	6895~7095	189 to 229	189,209				
802.11be_EHT40	5965~6405	3 to 91	3,43,91	OFDMA	FULL RU	MCS0	4TX
	6445~6525	99 to 115	99,107,115				
	6565~6845	123 to 179	123,147,179				
	6885~7085	187 to 227	187,195,211,227				
802.11be_EHT80	5985~6385	7 to 87	7,39,87	OFDMA	FULL RU	MCS0	4TX
	6465	111	103				
	6545~6865	119 to 183	119,135,151,167,183				
	6945~7025	199 to 215	199,215				
802.11be_EHT160	6025~6345	15 to 79	15,47,79	OFDMA	FULL RU	MCS0	4TX
	6505	111	111				
	6665~6825	143 to 175	143,175				
	6985	207	207				
802.11be_EHT320	6105~6265	31 to 63	31,63	OFDMA	FULL RU	MCS0	4TX
	6425	95	95				
	6585~6745	127 to 159	127,159				
	6905	191	191				

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TRANSMIT RADIATED EMISSION TEST (BELOW 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5955~6415	1 to 93	45	OFDM	6	4TX
	6435~6515	97 to 113	105			
	6535~6875	117 to 185	181			
	6895~7095	189 to 229	229			
802.11be_EHT320	6105~6265	31 to 63	31	OFDMA	MCS0	4TX
	6425	95	95			
	6585~6745	127 to 159	127			
	6905	191	191			

TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5955~6415	1 to 93	1,45,93	OFDM	6	4TX
	6435~6515	97 to 113	97,105,113			
	6535~6875	117 to 185	117,149,181,185			
	6895~7095	189 to 229	189,209,229			
802.11n_HT20	5955~6415	1 to 93	1,45,93	OFDM	MCS0	4TX
	6435~6515	97 to 113	97,105,113			
	6535~6875	117 to 185	117,149,181,185			
	6895~7095	189 to 229	189,209,229			
802.11n_HT40	5965~6405	3 to 91	3,43,91	OFDM	MCS0	4TX
	6445~6525	99 to 115	99,107,115			
	6565~6845	123 to 179	123,147,179			
	6885~7085	187 to 227	187,195,211,227			
802.11ac_VHT80	5985~6385	7 to 87	7,39,87	OFDM	MCS0	4TX
	6465	103	103			
	6545~6865	119 to 183	119,135,151,167,183			
	6945~7025	199 to 215	199,215			
802.11ac_VHT160	6025~6345	15 to 79	15,47,79	OFDM	MCS0	4TX
	6505	111	111			
	6665~6825	143 to 175	143,175			
	6985	207	207			

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TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11be_EHT20	5955~6415	1 to 93	1,45,93	OFDMA	FULL RU	MCS0	4TX
	6435~6515	97 to 113	97,105,113				
	6535~6875	117 to 185	117,149,181,185				
	6895~7095	189 to 229	189,209,229				
802.11be_EHT40	5965~6405	3 to 91	3,43,91	OFDMA	FULL RU	MCS0	4TX
	6445~6525	99 to 115	99,107,115				
	6565~6845	123 to 179	123,147,179				
	6885~7085	187 to 227	187,195,211,227				
802.11be_EHT80	5985~6385	7 to 87	7,39,87	OFDMA	FULL RU	MCS0	4TX
	6465	103	103				
	6545~6865	119 to 183	119,135,151,167,183				
	6945~7025	199 to 215	199,215				
802.11be_EHT160	6025~6345	15 to 79	15,47,79	OFDMA	FULL RU	MCS0	4TX
	6505	111	111				
	6665~6825	143 to 175	143,175				
	6985	207	207				
802.11be_EHT320	6105~6265	31 to 63	31,63	OFDMA	FULL RU	MCS0	4TX
	6425	95	95				
	6585~6745	127 to 159	127,159				
	6905	191	191				

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Mode: Beamforming

CONDUCTED TEST						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE	ANTENNA
					(Mbps)	PORT
802.11n_HT20	5955~6415	1 to 93	1,45,93	OFDM	MCS0	4TX
	6435~6515	97 to 113	97,105,113			
	6535~6875	117 to 185	117,149,181,185			
	6895~7095	189 to 229	189,209			
802.11n_HT40	5965~6405	3 to 91	3,43,91	OFDM	MCS0	4TX
	6445~6525	99 to 115	99,107,115			
	6565~6845	123 to 179	123,147,179			
	6885~7085	187 to 227	187,195,211,227			
802.11ac_VHT80	5985~6385	7 to 87	7,39,87	OFDM	MCS0	4TX
	6465	111	103			
	6545~6865	119 to 183	119,135,151,167,183			
	6945~7025	199 to 215	199,215			
802.11ac_VHT160	6025~6345	15 to 79	15,47,79	OFDM	MCS0	4TX
	6505	111	111			
	6665~6825	143 to 175	143,175			
	6985	207	207			

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CONDUCTED TEST							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	MRU CONFIGURATION	DATA RATE	ANTENNA
						(Mbps)	PORT
802.11be_EHT20	5955~6415	1 to 93	1,45,93	OFDMA	FULL RU	MCS0	4TX
	6435~6515	97 to 113	97,105,113				
	6535~6875	117 to 185	117,149,181,185				
	6895~7095	189 to 229	189,209				
802.11be_EHT40	5965~6405	3 to 91	3,43,91	OFDMA	FULL RU	MCS0	4TX
	6445~6525	99 to 115	99,107,115				
	6565~6845	123 to 179	123,147,179				
	6885~7085	187 to 227	187,195,211,227				
802.11be_EHT80	5985~6385	7 to 87	7,39,87	OFDMA	FULL RU	MCS0	4TX
	6465	111	103				
	6545~6865	119 to 183	119,135,151,167,183				
	6945~7025	199 to 215	199,215				
802.11be_EHT160	6025~6345	15 to 79	15,47,79	OFDMA	FULL RU	MCS0	4TX
	6505	111	111				
	6665~6825	143 to 175	143,175				
	6985	207	207				
802.11be_EHT320	6105~6265	31 to 63	31,63	OFDMA	FULL RU	MCS0	4TX
	6425	95	95				
	6585~6745	127 to 159	127,159				
	6905	191	191				

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TRANSMIT RADIATED EMISSION TEST (BELOW 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11n_HT20	5955~6415	1 to 93	45	OFDM	MCS0	4TX
	6435~6515	97 to 113	105			
	6535~6875	117 to 185	181			
	6895~7095	189 to 229	229			
802.11be_EHT320	6105~6265	31 to 63	31	OFDMA	MCS0	4TX
	6425	95	95			
	6585~6745	127 to 159	127			
	6905	191	191			

TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11n_HT20	5955~6415	1 to 93	1,45,93	OFDM	MCS0	4TX
	6435~6515	97 to 113	97,105,113			
	6535~6875	117 to 185	117,149,181,185			
	6895~7095	189 to 229	189,209,229			
802.11n_HT40	5965~6405	3 to 91	3,43,91	OFDM	MCS0	4TX
	6445~6525	99 to 115	99,107,115			
	6565~6845	123 to 179	123,147,179			
	6885~7085	187 to 227	187,195,211,227			
802.11ac_VHT80	5985~6385	7 to 87	7,39,87	OFDM	MCS0	4TX
	6465	103	103			
	6545~6865	119 to 183	119,135,151,167,183			
	6945~7025	199 to 215	199,215			
802.11ac_VHT160	6025~6345	15 to 79	15,47,79	OFDM	MCS0	4TX
	6505	111	111			
	6665~6825	143 to 175	143,175			
	6985	207	207			

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TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11be_EHT20	5955~6415	1 to 93	1,45,93	OFDMA	FULL RU	MCS0	4TX
	6435~6515	97 to 113	97,105,113				
	6535~6875	117 to 185	117,149,181,185				
	6895~7095	189 to 229	189,209,229				
802.11be_EHT40	5965~6405	3 to 91	3,43,91	OFDMA	FULL RU	MCS0	4TX
	6445~6525	99 to 115	99,107,115				
	6565~6845	123 to 179	123,147,179				
	6885~7085	187 to 227	187,195,211,227				
802.11be_EHT80	5985~6385	7 to 87	7,39,87	OFDMA	FULL RU	MCS0	4TX
	6465	103	103				
	6545~6865	119 to 183	119,135,151,167,183				
	6945~7025	199 to 215	199,215				
802.11be_EHT160	6025~6345	15 to 79	15,47,79	OFDMA	FULL RU	MCS0	4TX
	6505	111	111				
	6665~6825	143 to 175	143,175				
	6985	207	207				
802.11be_EHT320	6105~6265	31 to 63	31,63	OFDMA	FULL RU	MCS0	4TX
	6425	95	95				
	6585~6745	127 to 159	127,159				
	6905	191	191				

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Spot Check

Mode: CDD

TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11be_EHT80	6545~6865	119 to 183	135	OFDMA	FULL RU	MCS0	4TX

Mode: Beamforming

TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11be_EHT20	5955~6415	1 to 93	1	OFDMA	FULL RU	MCS0	4TX
	6895~7115	189 to 233	229				
802.11be_EHT320	6105~6265	31 to 63	31	OFDMA	FULL RU	MCS0	4TX
	6905	191	191				

Note:

1. 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.
2. The EUT does not support Partial RU.

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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
Undesignable radiated 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
Polarization: Horizontal	+/-	4.37	dB
			1GHz - 18GHz
	+/-	4.21	dB
			18GHz - 40GHz
Polarization: Horizontal	+/-	2.8	dB
			9kHz~30MHz
	+/-	4.54	dB
			30MHz - 1000MHz
Polarization: Horizontal	+/-	4.37	dB
			1GHz - 18GHz
Polarization: Horizontal	+/-	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 C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
LISN	SCHWARZBECK Mess-Elektronik	NSLK8127	974	06/19/2023	06/18/2024
EMI Test Receiver	R&S	ESCI	101342	04/24/2023	04/23/2024
Coaxial Cable	EC Lab	RF-HY-CAB-250	RF-HY-CAB-250-01	03/27/2023	03/26/2024
Pulse Limiter	EC Lab	VTSD 9561F-N	485	03/27/2023	03/26/2024
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R

Spot Check

AC Power-Line Conducted Emission Test Site: Conduction C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
LISN	SCHWARZBECK Mess-Elektronik	NSLK8127	974	06/19/2023	06/18/2024
EMI Test Receiver	R&S	ESCI	101342	04/24/2023	04/23/2024
Coaxial Cable	EC Lab	RF-HY-CAB-250	RF-HY-CAB-250-01	03/27/2023	03/26/2024
Pulse Limiter	EC Lab	VTSD 9561F-N	485	03/27/2023	03/26/2024
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R

6.2 Conducted Measurement

Conducted Emission Test Site: Conducted F					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071574	06/29/2023	06/28/2024
Power Meter	Anritsu	ML2496A	1326001	08/22/2023	08/21/2024
Power Sensor	Anritsu	MA2411B	1315048	08/22/2023	08/21/2024
Power Sensor	Anritsu	MA2411B	1315049	08/22/2023	08/21/2024
Power Meter	Anritsu	ML2496A	2138005	09/25/2023	09/24/2024
Power Sensor	Anritsu	MA2411B	1911395	09/25/2023	09/24/2024
Power Sensor	Anritsu	MA2411B	1911396	09/25/2023	09/24/2024
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N.C.R
Attenuator	Marvelous	MVE2213-10	RF06	11/16/2022	11/15/2023
Attenuator	Woken	WATT-218FS-10	RF16	11/16/2022	11/15/2023
Attenuator	Woken	WATT-218FS-10	RF22	11/16/2022	11/15/2023
Attenuator	Woken	WATT-218FS-10	RF23	11/16/2022	11/15/2023
DC Block	PASTERNAK	PE8210	RF153	11/16/2022	11/15/2023
Coaxial Cables	Woken	00100A1F2A196C	RF53	11/16/2022	11/15/2023

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6.3 Contention based protocol measurement

Conducted Emission Test Site: Conducted B					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EMI Test Receiver	Anritsu	N9038A	MY52260216	11/28/2022	11/27/2023
Signal Generator	KEYSIGHT	N5182B	MY59100873	03/02/2023	03/01/2024
Frequency Extender	Keysight	N5182BX07	MY59360223	03/02/2023	03/01/2024
Attenuator	KEYSIGHT	11716C	8494B TH60075458+8496 B TH60075263	11/16/2022	11/15/2023
Power Divider	Titan	T0510E2W118Q	22015159	11/16/2022	11/15/2023
Power Divider	Titan	T0510E2W118Q	22015160	11/16/2022	11/15/2023
Power Divider	Titan	T0510E4W118Q	22015175	11/16/2022	11/15/2023

6.4 Radiated Measurement

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Broadband Antenna	SCHWARZBECK	VULB 9168	1206	01/17/2023	01/16/2024
Horn Antenna	Schwarzbeck	BBHA9170	184	12/30/2022	12/29/2023
Horn Antenna	RF SPIN	DRH18-E	210105A18E	04/18/2023	04/17/2024
Loop Antenna	ETS.LINDGREN	6502	14303	05/23/2023	05/22/2024
3m Site NSA	SGS	966 chamber G	N/A	03/30/2023	03/29/2024
Spectrum Analyzer	KEYSIGHT	N9010A	MY51440113	07/17/2023	07/16/2024
Pre-Amplifier	EMC Instruments	EMC18405SEE	980881	10/27/2022	10/26/2023
Pre-Amplifier	EMC Instruments	EMC18405SEE	980881	10/25/2023	10/24/2024
Pre-Amplifier	EMC Instruments	EMC330N	980781	03/15/2023	03/14/2024
Pre-Amplifier	EMC Instruments	EMC118A45SE	980815	03/15/2023	03/14/2024
Coaxial Cable	EMC Instruments	EMCCFD400-NM- NM-8000-5000- 2000	210216、 210217、210218	03/15/2023	03/14/2024
Coaxial Cable	EMC Instruments	EMC104-SM-SM- 8000-5000-5000	210219、 210220、210221	03/15/2023	03/14/2024

Spot Check

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Horn Antenna	Schwarzbeck	BBHA9170	184	12/30/2022	12/29/2023
Horn Antenna	RF SPIN	DRH18-E	210105A18E	04/18/2023	04/17/2024
3m Site NSA	SGS	966 chamber G	N/A	03/30/2023	03/29/2024
Spectrum Analyzer	KEYSIGHT	N9010A	MY51440113	07/17/2023	07/16/2024
Pre-Amplifier	EMC Instruments	EMC118A45SE	980815	03/15/2023	03/14/2024
Pre-Amplifier	EMC Instruments	EMC184945SEE	980938	11/15/2023	11/14/2024
Coaxial Cable	EMC Instruments	EMC104-SM-SM- 8000-5000-5000	210219、 210220、210221	03/15/2023	03/14/2024

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

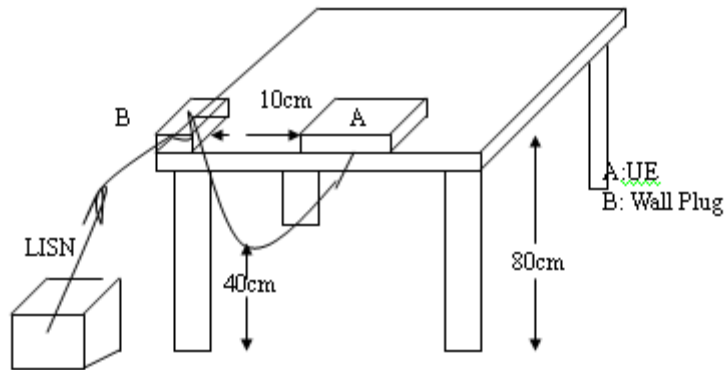
Note

- 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 Setup



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.

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3. Repeat above procedures until all phases of power being supplied by given UE are completed.

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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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

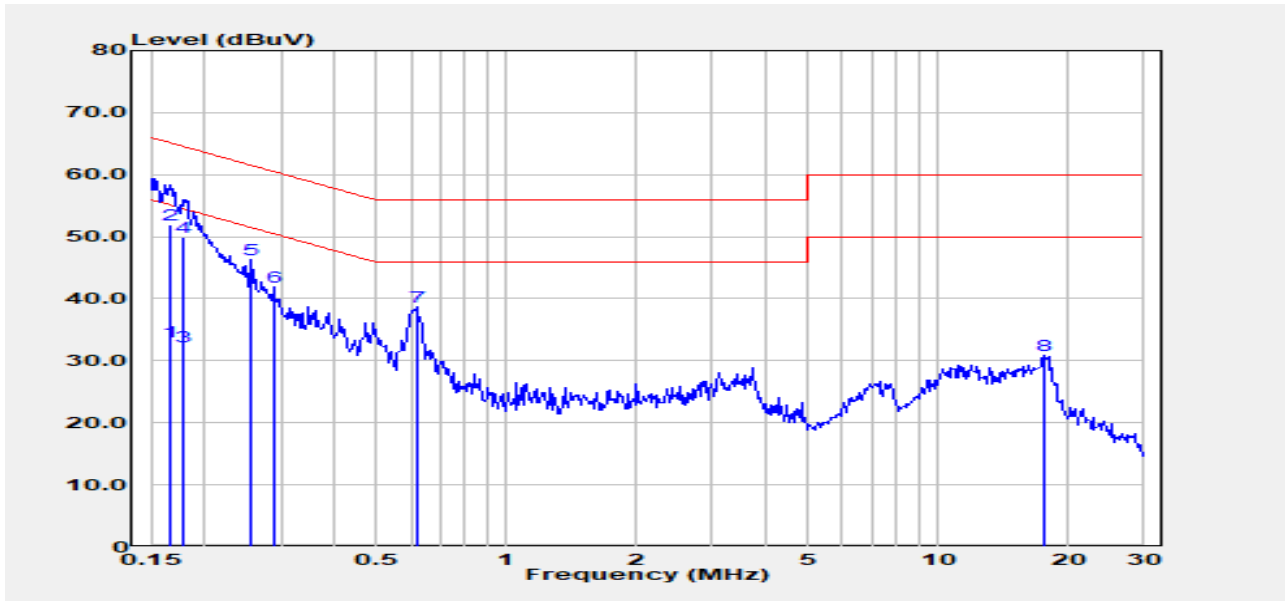
f (886-2) 2298-0488

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Member of SGS Group

AC POWER LINE CONDUCTED EMISSION TEST DATA

Report Number	:TERF2308001924E2	Test Site	:Conduction C
Test Mode	:6E	Test Date	:2023-10-11
Power	:120V60Hz	Temp./Humi.	:22.5°C/54%
Probe	:L1	Engineer	:Temo Chen



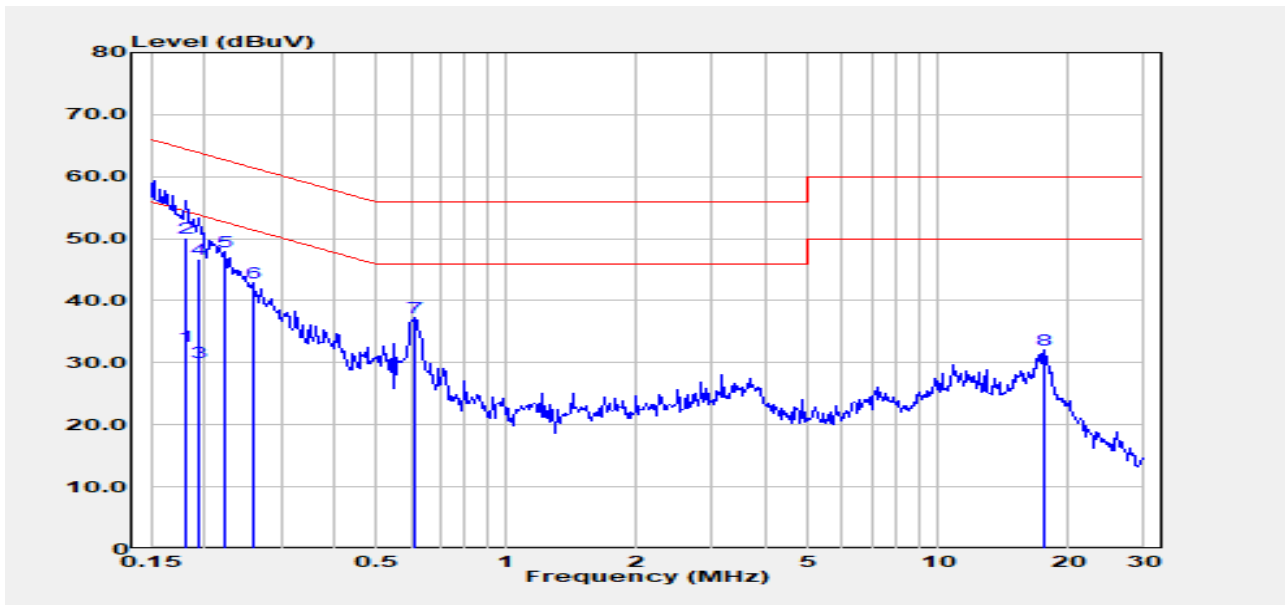
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV	Limit dBuV	Margin dB
0.166	Average	22.40	10.65	33.05	55.15	-22.10
0.166	QP	41.30	10.65	51.95	65.15	-13.20
0.178	Average	21.60	10.65	32.25	54.59	-22.34
0.178	QP	39.30	10.65	49.95	64.59	-14.64
0.254	Peak	35.73	10.64	46.37	61.63	-15.26
0.288	Peak	31.21	10.64	41.85	60.57	-18.72
0.619	Peak	28.06	10.64	38.69	56.00	-17.31
17.571	Peak	19.79	11.12	30.91	60.00	-29.09

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Report Number	:TERF2308001924E2	Test Site	:Conduction C
Test Mode	:6E	Test Date	:2023-10-11
Power	:120V60Hz	Temp./Humi.	:22.5°C/54%
Probe	:N	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V	Limit dB μ V	Margin dB
0.181	Average	22.00	10.65	32.65	54.45	-21.79
0.181	QP	39.40	10.65	50.05	64.45	-14.39
0.194	Average	19.50	10.65	30.15	53.88	-23.73
0.194	QP	36.10	10.65	46.75	63.88	-17.13
0.222	Peak	37.24	10.64	47.89	62.76	-14.87
0.258	Peak	32.25	10.64	42.88	61.49	-18.60
0.614	Peak	26.60	10.62	37.23	56.00	-18.77
17.721	Peak	20.97	11.12	32.10	60.00	-27.90

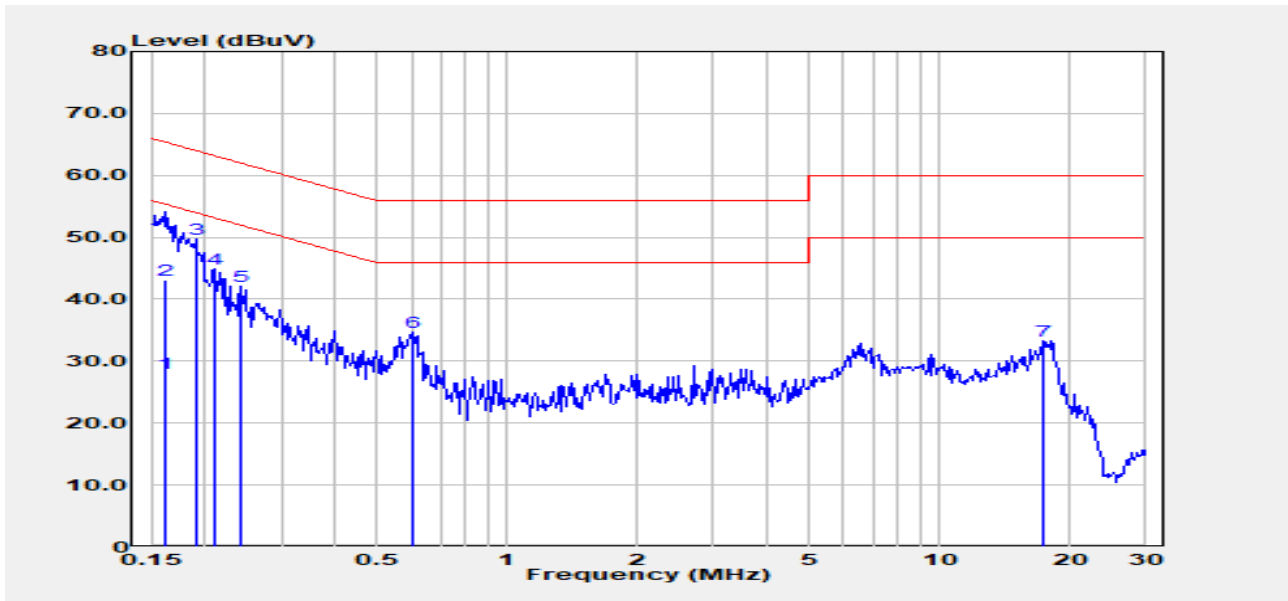
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Spot Check

Report Number	:TERF2310002503E2	Test Site	:Conduction C
Test Mode	:6E	Test Date	:2023-12-04
Power	:120/60Hz	Temp./Humi.	:22.6/70
Probe	:L1	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V	Limit dB μ V	Margin dB
0.162	Average	17.70	10.28	27.98	55.37	-27.39
0.162	QP	32.90	10.28	43.18	65.37	-22.19
0.190	Peak	39.36	10.28	49.64	64.03	-14.38
0.211	Peak	34.57	10.28	44.85	63.18	-18.33
0.241	Peak	31.88	10.29	42.16	62.05	-19.89
0.604	Peak	24.39	10.33	34.72	56.00	-21.28
17.276	Peak	22.55	10.76	33.31	60.00	-26.69

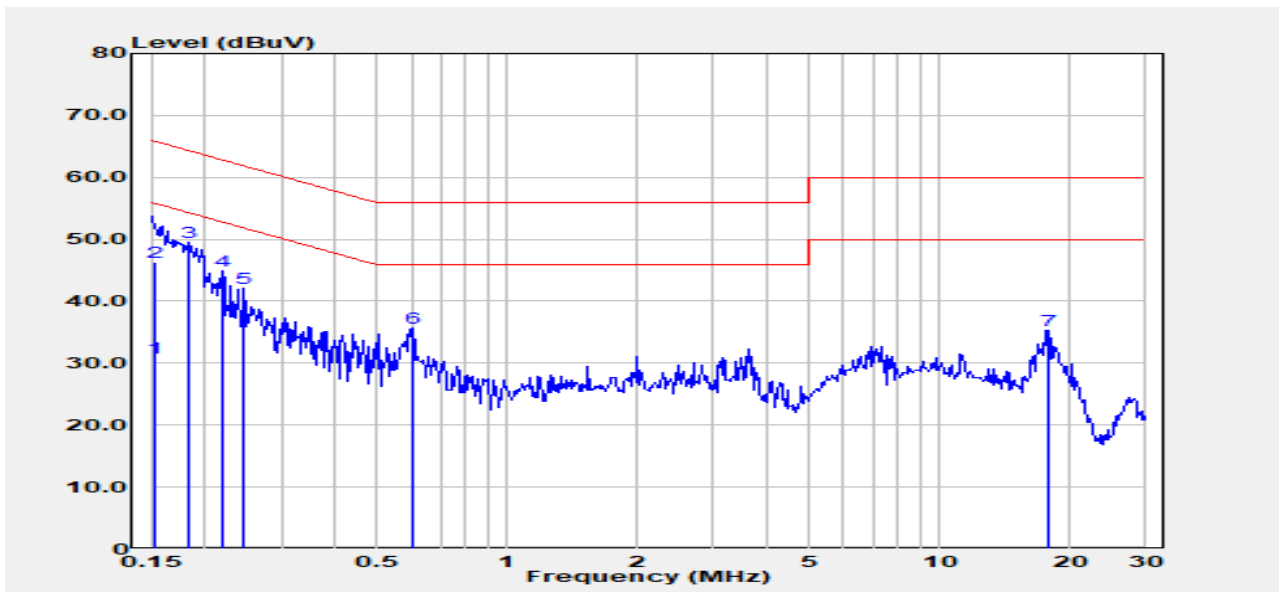
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Report Number	:TERF2310002503E2	Test Site	:Conduction C
Test Mode	:6E	Test Date	:2023-12-04
Power	:120/60Hz	Temp./Humi.	:22.6/70
Probe	:N	Engineer	:Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV	Limit dBuV	Margin dB
0.154	Average	20.50	10.29	30.79	55.79	-25.00
0.154	QP	36.10	10.29	46.39	65.79	-19.40
0.182	Peak	39.25	10.28	49.53	64.38	-14.85
0.220	Peak	34.66	10.28	44.94	62.83	-17.88
0.245	Peak	31.83	10.28	42.12	61.91	-19.79
0.604	Peak	25.32	10.31	35.63	56.00	-20.37
17.872	Peak	24.53	10.77	35.30	60.00	-24.70

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8 EMISSION BANDWIDTH

8.1 Standard Applicable

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

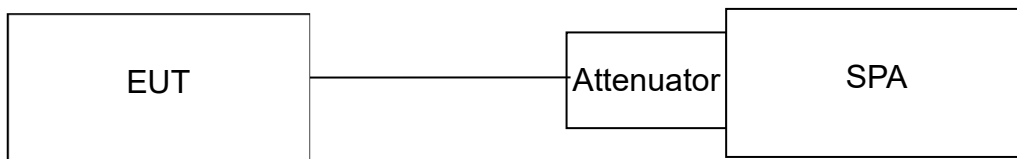
8.2 Measurement Procedure

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. 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.
6. Turn on the 99% bandwidth function, max reading.
7. Repeat above procedures until all frequency of interest measured was complete.

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8.3 Test Setup



8.4 Measurement Result

8.4.1 Bandwidth

Mode: CDD

802.11a_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	16.401	18.400
45	6175	16.423	18.400
93	6415	16.450	18.310
97	6435	16.426	18.450
105	6475	16.428	18.460
113	6515	16.433	18.480
117	6535	16.446	18.420
149	6695	16.471	18.420
181	6855	16.420	18.500
185	6875(U-NII 7)	8.211	9.195
185	6875(U-NII 8)	8.211	9.195
189	6895	16.413	18.360
209	6995	16.434	18.440
229	7095	16.410	18.310

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802.11a_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	16.422	18.430
45	6175	16.440	18.300
93	6415	16.411	18.310
97	6435	16.423	18.170
105	6475	16.412	18.510
113	6515	16.432	18.320
117	6535	16.428	18.160
149	6695	16.428	18.320
181	6855	16.439	18.380
185	6875(U-NII 7)	8.220	9.210
185	6875(U-NII 8)	8.220	9.210
189	6895	16.443	18.380
209	6995	16.458	18.530
229	7095	16.428	18.280

802.11a_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	16.431	18.320
45	6175	16.397	18.300
93	6415	16.444	18.290
97	6435	16.447	18.250
105	6475	16.426	18.280
113	6515	16.432	18.230
117	6535	16.444	18.420
149	6695	16.434	18.420
181	6855	16.440	18.440
185	6875(U-NII 7)	8.200	9.165
185	6875(U-NII 8)	8.200	9.165
189	6895	16.428	18.340
209	6995	16.433	18.240
229	7095	16.416	18.420

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802.11a_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	16.408	18.300
45	6175	16.420	18.410
93	6415	16.415	18.340
97	6435	16.428	18.300
105	6475	16.432	18.390
113	6515	16.406	18.340
117	6535	16.429	18.360
149	6695	16.425	18.360
181	6855	16.411	18.260
185	6875(U-NII 7)	8.201	9.230
185	6875(U-NII 8)	8.201	9.230
189	6895	16.424	18.360
209	6995	16.424	18.290
229	7095	16.433	18.310

802.11n_HT20_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	17.588	19.000
45	6175	17.579	19.010
93	6415	17.573	18.970
97	6435	17.555	18.940
105	6475	17.567	18.990
113	6515	17.566	18.880
117	6535	17.562	19.020
149	6695	17.570	18.980
181	6855	17.565	19.060
185	6875(U-NII 7)	8.788	9.535
185	6875(U-NII 8)	8.788	9.535
189	6895	17.578	18.920
209	6995	17.552	19.090
229	7095	17.577	18.960

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802.11n_HT20_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	17.598	18.970
45	6175	17.589	18.990
93	6415	17.603	18.990
97	6435	17.590	18.910
105	6475	17.586	18.960
113	6515	17.595	18.990
117	6535	17.571	18.880
149	6695	17.574	18.930
181	6855	17.583	19.020
185	6875(U-NII 7)	8.793	9.455
185	6875(U-NII 8)	8.793	9.455
189	6895	17.587	18.910
209	6995	17.566	19.100
229	7095	17.593	18.940

802.11n_HT20_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	17.574	19.000
45	6175	17.587	18.970
93	6415	17.573	18.970
97	6435	17.576	19.100
105	6475	17.576	18.890
113	6515	17.570	18.970
117	6535	17.578	18.980
149	6695	17.580	19.070
181	6855	17.591	18.970
185	6875(U-NII 7)	8.782	9.465
185	6875(U-NII 8)	8.782	9.465
189	6895	17.588	18.940
209	6995	17.594	18.920
229	7095	17.584	18.960

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802.11n_HT20_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	17.562	19.040
45	6175	17.573	19.040
93	6415	17.579	18.950
97	6435	17.585	18.940
105	6475	17.586	18.920
113	6515	17.567	18.930
117	6535	17.570	18.970
149	6695	17.567	18.990
181	6855	17.587	19.040
185	6875(U-NII 7)	8.789	9.470
185	6875(U-NII 8)	8.789	9.470
189	6895	17.566	18.980
209	6995	17.589	18.960
229	7095	17.560	18.960

802.11n_HT40_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	36.124	38.580
43	6165	36.105	38.530
91	6405	36.130	38.530
99	6445	36.093	38.570
107	6485	36.121	38.660
115	6525(U-NII 6)	18.057	19.250
115	6525(U-NII 7)	18.057	19.250
123	6565	36.161	38.560
147	6685	36.132	38.580
179	6845	36.158	38.540
187	6885(U-NII 7)	8.106	9.335
187	6885(U-NII 8)	28.106	29.335
195	6925	36.104	38.540
211	7005	36.091	38.750
227	7085	36.143	38.430

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802.11n_HT40_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	36.166	38.380
43	6165	36.128	38.340
91	6405	36.163	38.470
99	6445	36.176	38.290
107	6485	36.103	38.280
115	6525(U-NII 6)	18.041	19.185
115	6525(U-NII 7)	18.041	19.185
123	6565	36.172	38.380
147	6685	36.086	38.400
179	6845	36.125	38.290
187	6885(U-NII 7)	8.070	9.145
187	6885(U-NII 8)	28.070	29.145
195	6925	36.101	38.390
211	7005	36.160	38.280
227	7085	36.143	38.170

802.11n_HT40_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	36.051	38.270
43	6165	36.143	38.360
91	6405	36.079	38.440
99	6445	36.130	38.530
107	6485	36.116	38.500
115	6525(U-NII 6)	18.047	19.165
115	6525(U-NII 7)	18.047	19.165
123	6565	36.107	38.380
147	6685	36.125	38.370
179	6845	36.122	38.410
187	6885(U-NII 7)	8.049	9.155
187	6885(U-NII 8)	28.049	29.155
195	6925	36.189	38.460
211	7005	36.151	38.310
227	7085	36.134	38.450

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802.11n_HT40_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	36.177	38.360
43	6165	36.141	38.450
91	6405	36.118	38.320
99	6445	36.132	38.470
107	6485	36.163	38.350
115	6525(U-NII 6)	18.037	19.225
115	6525(U-NII 7)	18.037	19.225
123	6565	36.212	38.410
147	6685	36.122	38.340
179	6845	36.144	38.400
187	6885(U-NII 7)	8.052	9.255
187	6885(U-NII 8)	28.052	29.255
195	6925	36.091	38.350
211	7005	36.145	38.280
227	7085	36.176	38.560

802.11ac_VHT80_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	75.70	79.210
39	6145	75.62	78.980
87	6385	75.65	79.270
103	6465	75.65	79.140
119	6545(U-NII 6)	17.83	19.655
119	6545(U-NII 7)	57.83	59.655
135	6625	75.62	79.390
151	6705	75.73	79.400
167	6785	75.60	79.170
183	6865(U-NII 7)	47.85	49.625
183	6865(U-NII 8)	27.85	29.625
199	6945	75.54	79.130
215	7025	75.60	79.200

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802.11ac_VHT80_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	75.75	79.100
39	6145	75.51	79.090
87	6385	75.62	79.110
103	6465	75.59	79.140
119	6545(U-NII 6)	17.81	19.495
119	6545(U-NII 7)	57.81	59.495
135	6625	75.54	79.000
151	6705	75.73	79.310
167	6785	75.53	79.100
183	6865(U-NII 7)	47.87	49.555
183	6865(U-NII 8)	27.87	29.555
199	6945	75.68	79.050
215	7025	75.56	79.120

802.11ac_VHT80_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	75.49	78.920
39	6145	75.90	79.190
87	6385	75.57	78.900
103	6465	75.62	79.030
119	6545(U-NII 6)	17.78	19.515
119	6545(U-NII 7)	57.78	59.515
135	6625	75.74	79.160
151	6705	75.69	79.060
167	6785	75.64	79.170
183	6865(U-NII 7)	47.83	49.435
183	6865(U-NII 8)	27.83	29.435
199	6945	75.73	79.080
215	7025	75.81	79.080

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802.11ac_VHT80_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	75.61	78.890
39	6145	75.63	79.040
87	6385	75.75	79.040
103	6465	75.67	78.920
119	6545(U-NII 6)	17.81	19.555
119	6545(U-NII 7)	57.81	59.555
135	6625	75.68	78.980
151	6705	75.80	79.130
167	6785	75.68	78.920
183	6865(U-NII 7)	47.86	49.535
183	6865(U-NII 8)	27.86	29.535
199	6945	75.58	79.160
215	7025	75.61	79.030

802.11ac_VHT160_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	154.80	160.490
47	6185	154.90	160.630
79	6345	155.25	160.710
111	6505(U-NII 6)	97.57	100.295
111	6505(U-NII 7)	57.57	60.295
143	6665	154.70	160.460
175	6825(U-NII 7)	127.35	130.170
175	6825(U-NII 8)	27.35	30.170
207	6985	154.42	160.410

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802.11ac_VHT160_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	154.69	160.570
47	6185	155.13	160.530
79	6345	155.43	160.590
111	6505(U-NII 6)	97.63	100.305
111	6505(U-NII 7)	57.63	60.305
143	6665	154.79	160.410
175	6825(U-NII 7)	127.35	130.285
175	6825(U-NII 8)	27.35	30.285
207	6985	154.46	160.410

802.11ac_VHT160_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	154.80	160.480
47	6185	154.76	160.570
79	6345	154.54	160.260
111	6505(U-NII 6)	97.39	100.270
111	6505(U-NII 7)	57.39	60.270
143	6665	154.97	160.750
175	6825(U-NII 7)	127.60	130.355
175	6825(U-NII 8)	27.60	30.355
207	6985	154.96	160.520

802.11ac_VHT160_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	155.08	160.590
47	6185	154.85	160.650
79	6345	154.64	160.610
111	6505(U-NII 6)	97.48	100.350
111	6505(U-NII 7)	57.48	60.350
143	6665	154.87	160.630
175	6825(U-NII 7)	127.46	130.340
175	6825(U-NII 8)	27.46	30.340
207	6985	154.98	160.660

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802.11be_EHT20_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	18.935	19.910
45	6175	18.942	19.880
93	6415	18.948	19.840
97	6435	18.906	19.880
105	6475	18.902	19.770
113	6515	18.919	19.800
117	6535	18.901	19.860
149	6695	18.926	19.850
181	6855	18.928	19.890
185	6875(U-NII 7)	9.462	9.925
185	6875(U-NII 8)	9.462	9.925
189	6895	18.951	19.870
209	6995	18.911	19.830
229	7095	18.925	19.850

802.11be_EHT20_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	18.930	19.850
45	6175	18.920	19.880
93	6415	18.947	19.800
97	6435	18.945	19.900
105	6475	18.942	19.860
113	6515	18.948	19.890
117	6535	18.960	19.860
149	6695	18.945	19.910
181	6855	18.924	19.780
185	6875(U-NII 7)	9.461	9.960
185	6875(U-NII 8)	9.461	9.960
189	6895	18.938	19.970
209	6995	18.907	19.880
229	7095	18.925	19.840

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802.11be_EHT20_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	18.923	19.800
45	6175	18.928	19.850
93	6415	18.916	19.910
97	6435	18.929	19.890
105	6475	18.933	19.790
113	6515	18.881	19.850
117	6535	18.940	19.790
149	6695	18.920	19.900
181	6855	18.952	19.820
185	6875(U-NII 7)	9.475	9.950
185	6875(U-NII 8)	9.475	9.950
189	6895	18.949	19.840
209	6995	18.896	19.830
229	7095	18.931	19.820

802.11be_EHT20_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	18.949	19.890
45	6175	18.936	19.850
93	6415	18.925	19.850
97	6435	18.916	19.820
105	6475	18.932	19.890
113	6515	18.935	19.840
117	6535	18.932	19.930
149	6695	18.925	19.840
181	6855	18.909	19.720
185	6875(U-NII 7)	9.449	9.910
185	6875(U-NII 8)	9.449	9.910
189	6895	18.922	19.850
209	6995	18.938	19.900
229	7095	18.921	19.880

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802.11be_EHT40_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	37.869	39.520
43	6165	37.868	39.550
91	6405	37.835	39.630
99	6445	37.812	39.530
107	6485	37.871	39.750
115	6525(U-NII 6)	18.879	19.680
115	6525(U-NII 7)	18.879	19.680
123	6565	37.708	39.390
147	6685	37.812	39.460
179	6845	37.773	39.470
187	6885(U-NII 7)	8.898	9.765
187	6885(U-NII 8)	28.898	29.765
195	6925	37.787	39.390
211	7005	37.783	39.570
227	7085	37.845	39.420

802.11be_EHT40_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	37.845	39.550
43	6165	37.860	39.660
91	6405	37.785	39.410
99	6445	37.788	39.550
107	6485	37.808	39.380
115	6525(U-NII 6)	18.924	19.725
115	6525(U-NII 7)	18.924	19.725
123	6565	37.748	39.480
147	6685	37.848	39.490
179	6845	37.801	39.340
187	6885(U-NII 7)	8.891	9.800
187	6885(U-NII 8)	28.891	29.800
195	6925	37.767	39.600
211	7005	37.837	39.640
227	7085	37.828	39.490

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802.11be_EHT40_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	37.688	39.420
43	6165	37.790	39.320
91	6405	37.833	39.400
99	6445	37.839	39.610
107	6485	37.772	39.390
115	6525(U-NII 6)	18.888	19.685
115	6525(U-NII 7)	18.888	19.685
123	6565	37.809	39.440
147	6685	37.831	39.320
179	6845	37.829	39.640
187	6885(U-NII 7)	8.873	9.790
187	6885(U-NII 8)	28.873	29.790
195	6925	37.743	39.400
211	7005	37.856	39.430
227	7085	37.851	39.600

802.11be_EHT40_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	37.810	39.570
43	6165	37.747	39.640
91	6405	37.824	39.410
99	6445	37.767	39.560
107	6485	37.784	39.610
115	6525(U-NII 6)	18.900	19.820
115	6525(U-NII 7)	18.900	19.820
123	6565	37.822	39.470
147	6685	37.758	39.500
179	6845	37.857	39.440
187	6885(U-NII 7)	8.873	9.660
187	6885(U-NII 8)	28.873	29.660
195	6925	37.829	39.280
211	7005	37.811	39.460
227	7085	37.896	39.450

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802.11be_EHT80_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	77.28	80.090
39	6145	77.29	80.030
87	6385	77.42	80.210
103	6465	77.36	80.070
119	6545(U-NII 6)	18.69	20.010
119	6545(U-NII 7)	58.69	60.010
135	6625	77.30	80.010
151	6705	77.43	80.050
167	6785	77.38	80.090
183	6865(U-NII 7)	48.72	50.105
183	6865(U-NII 8)	28.72	30.105
199	6945	77.30	80.150
215	7025	77.38	80.170

802.11be_EHT80_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	77.33	80.080
39	6145	77.42	80.070
87	6385	77.46	80.290
103	6465	77.52	80.160
119	6545(U-NII 6)	18.70	20.055
119	6545(U-NII 7)	58.70	60.055
135	6625	77.26	80.060
151	6705	77.51	80.130
167	6785	77.34	80.110
183	6865(U-NII 7)	48.77	50.095
183	6865(U-NII 8)	28.77	30.095
199	6945	77.35	80.130
215	7025	77.30	80.010

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802.11be_EHT80_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	77.27	80.090
39	6145	77.52	80.020
87	6385	77.35	80.070
103	6465	77.35	80.160
119	6545(U-NII 6)	18.70	20.100
119	6545(U-NII 7)	58.70	60.100
135	6625	77.46	80.170
151	6705	77.42	80.010
167	6785	77.38	80.100
183	6865(U-NII 7)	48.73	50.030
183	6865(U-NII 8)	28.73	30.030
199	6945	77.37	80.030
215	7025	77.37	80.120

802.11be_EHT80_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	77.28	80.220
39	6145	77.54	80.140
87	6385	77.51	80.300
103	6465	77.35	80.130
119	6545(U-NII 6)	18.69	20.070
119	6545(U-NII 7)	58.69	60.070
135	6625	77.33	80.110
151	6705	77.53	80.220
167	6785	77.30	80.210
183	6865(U-NII 7)	48.72	50.060
183	6865(U-NII 8)	28.72	30.060
199	6945	77.44	80.210
215	7025	77.37	80.100

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802.11be_EHT160_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	156.73	162.380
47	6185	156.84	162.250
79	6345	157.06	162.550
111	6505(U-NII 6)	98.53	101.215
111	6505(U-NII 7)	58.53	61.215
143	6665	156.68	162.170
175	6825(U-NII 7)	128.19	131.225
175	6825(U-NII 8)	28.19	31.225
207	6985	156.17	162.130

802.11be_EHT160_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	156.76	162.340
47	6185	156.86	162.520
79	6345	157.10	162.730
111	6505(U-NII 6)	98.53	101.170
111	6505(U-NII 7)	58.53	61.170
143	6665	156.57	162.540
175	6825(U-NII 7)	128.32	131.180
175	6825(U-NII 8)	28.32	31.180
207	6985	156.00	162.020

802.11be_EHT160_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	156.74	162.280
47	6185	156.50	162.350
79	6345	156.40	162.140
111	6505(U-NII 6)	98.35	101.230
111	6505(U-NII 7)	58.35	61.230
143	6665	156.69	162.530
175	6825(U-NII 7)	128.32	131.215
175	6825(U-NII 8)	28.32	31.215
207	6985	156.75	162.270

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802.11be_EHT160_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	156.76	162.210
47	6185	156.20	162.230
79	6345	156.54	162.260
111	6505(U-NII 6)	98.16	101.095
111	6505(U-NII 7)	58.16	61.095
143	6665	156.39	162.150
175	6825(U-NII 7)	128.14	131.245
175	6825(U-NII 8)	28.14	31.245
207	6985	156.61	162.350

802.11be_EHT320_Ch0

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
31	6105	314.31	326.700
63	6185	315.13	326.300
95	6425(U-NII 5)	157.73	163.250
95	6425(U-NII 6)	100.00	100.000
95	6425(U-NII 7)	57.73	63.250
127	6585(U-NII 6)	97.25	103.065
127	6585(U-NII 7)	217.25	223.065
159	6745(U-NII 7)	287.22	292.925
159	6745(U-NII 8)	27.22	32.925
191	6905(U-NII 7)	127.17	133.230
191	6905(U-NII 8)	187.17	193.230

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802.11be_EHT320_Ch1

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
31	6105	314.55	326.260
63	6185	315.07	326.100
95	6425(U-NII 5)	157.88	163.480
95	6425(U-NII 6)	100.00	100.000
95	6425(U-NII 7)	57.88	63.480
127	6585(U-NII 6)	97.14	103.135
127	6585(U-NII 7)	217.14	223.135
159	6745(U-NII 7)	287.27	293.090
159	6745(U-NII 8)	27.27	33.090
191	6905(U-NII 7)	126.68	133.400
191	6905(U-NII 8)	186.68	193.400

802.11be_EHT320_Ch2

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
31	6105	314.36	326.560
63	6185	315.05	326.510
95	6425(U-NII 5)	156.98	163.190
95	6425(U-NII 6)	100.00	100.000
95	6425(U-NII 7)	56.98	63.190
127	6585(U-NII 6)	97.33	103.170
127	6585(U-NII 7)	217.33	223.170
159	6745(U-NII 7)	287.48	293.205
159	6745(U-NII 8)	27.48	33.205
191	6905(U-NII 7)	127.25	133.020
191	6905(U-NII 8)	187.25	193.020

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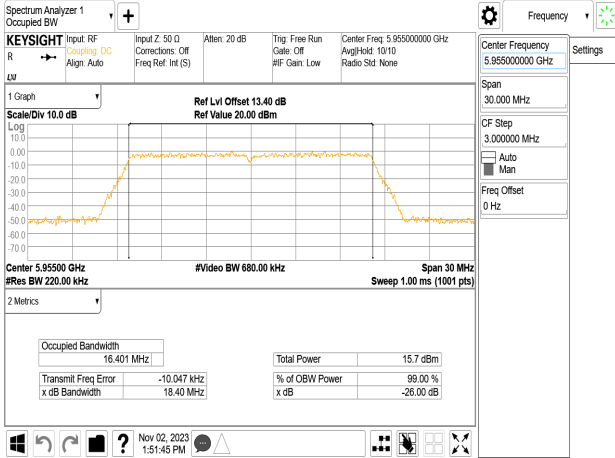
802.11be_EHT320_Ch3

CH	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
31	6105	314.90	326.260
63	6185	314.96	326.360
95	6425(U-NII 5)	157.23	163.205
95	6425(U-NII 6)	100.00	100.000
95	6425(U-NII 7)	57.23	63.205
127	6585(U-NII 6)	97.30	103.160
127	6585(U-NII 7)	217.30	223.160
159	6745(U-NII 7)	287.48	293.190
159	6745(U-NII 8)	27.48	33.190
191	6905(U-NII 7)	126.86	133.000
191	6905(U-NII 8)	186.86	193.000

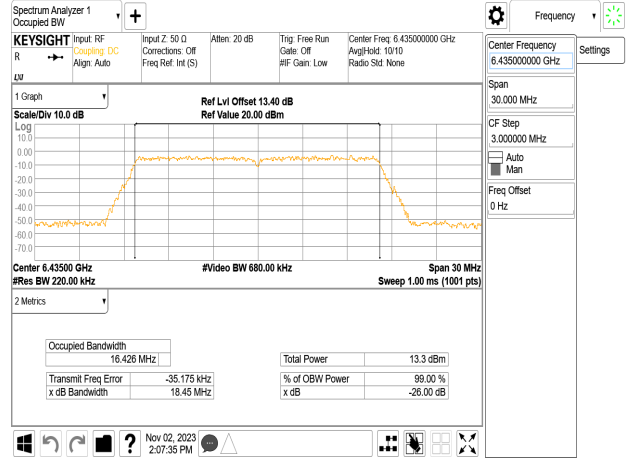
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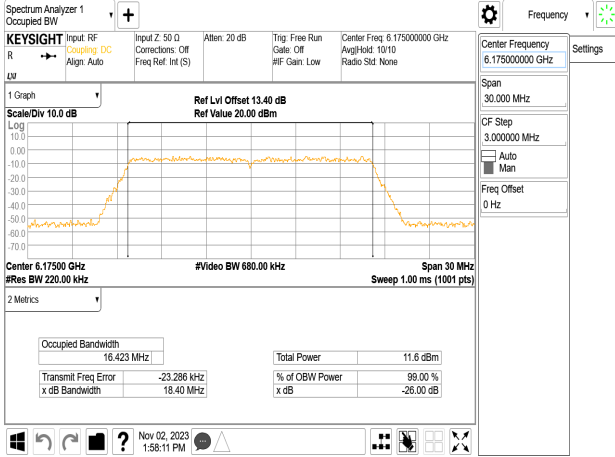
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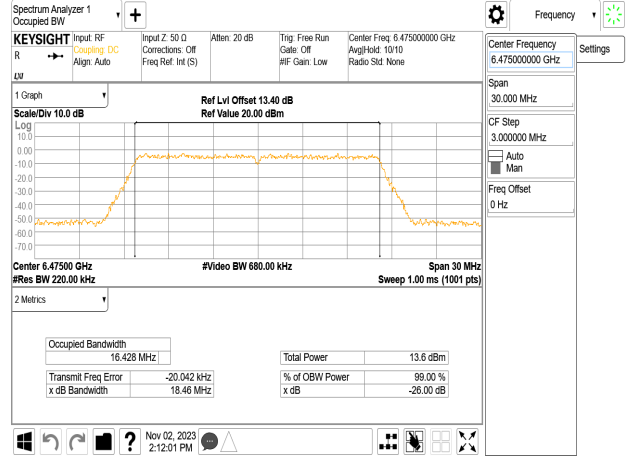
802.11a_20MHz_Chain0_6435MHz



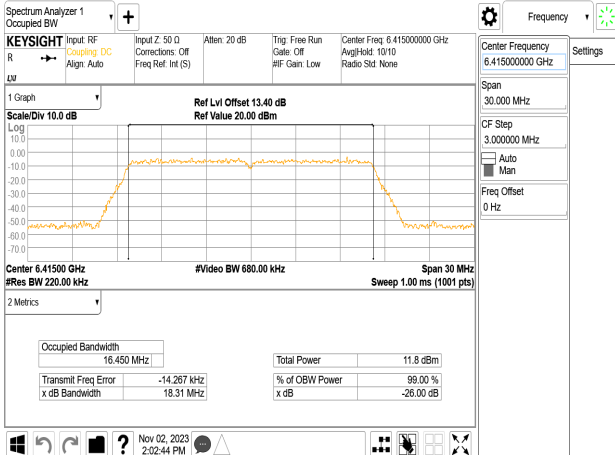
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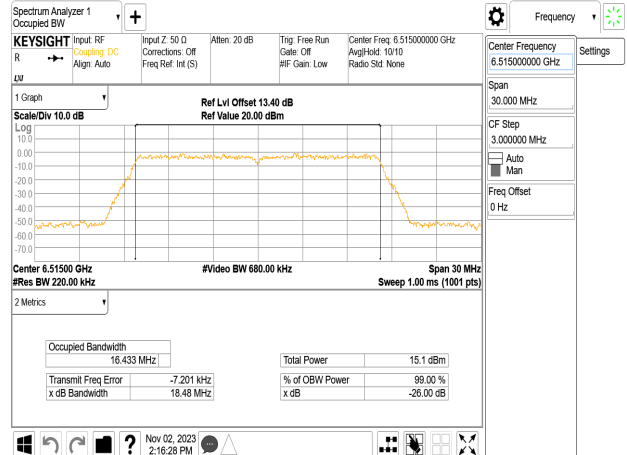
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802.11a_20MHz_Chain0_6415MHz



802.11a_20MHz_Chain0_6515MHz

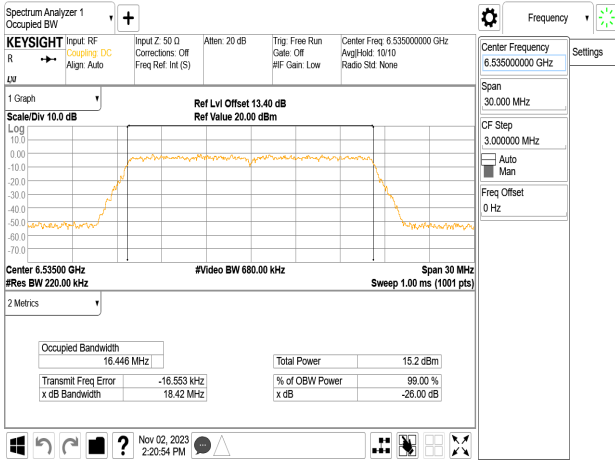


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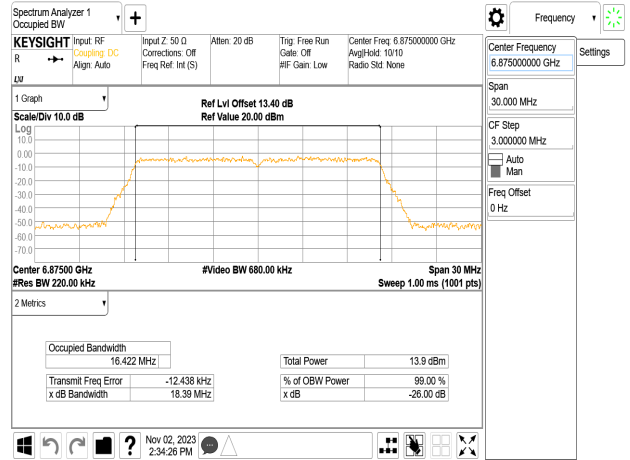
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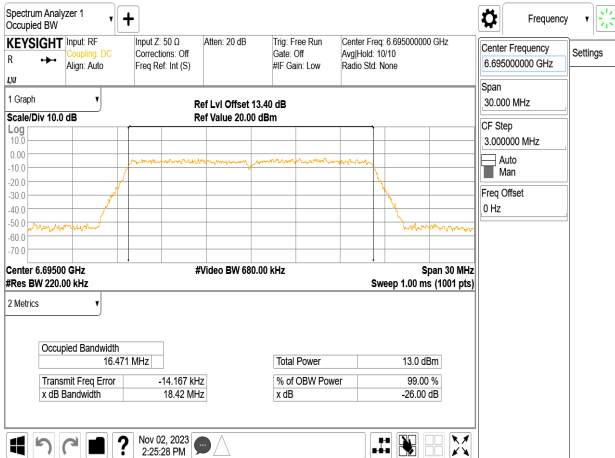
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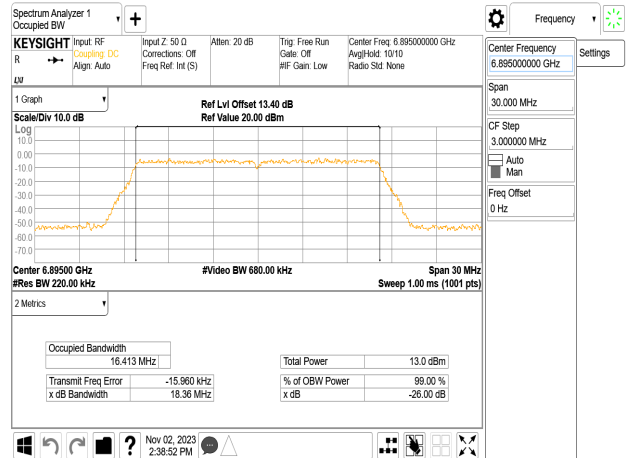
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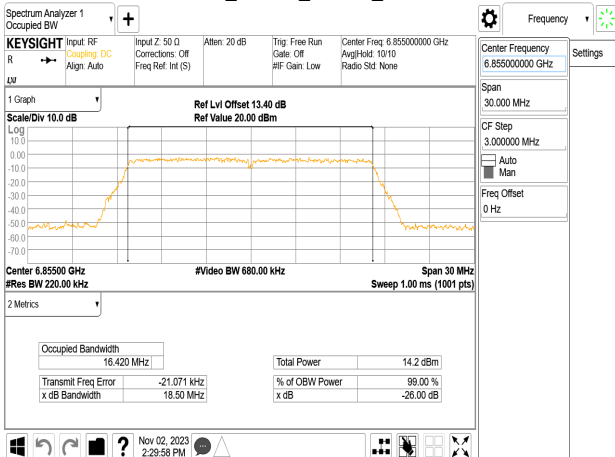
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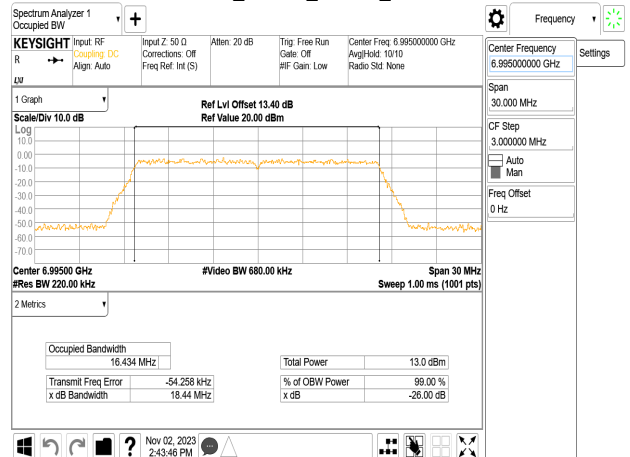
802.11a_20MHz_Chain0_6895MHz



802.11a_20MHz_Chain0_6855MHz



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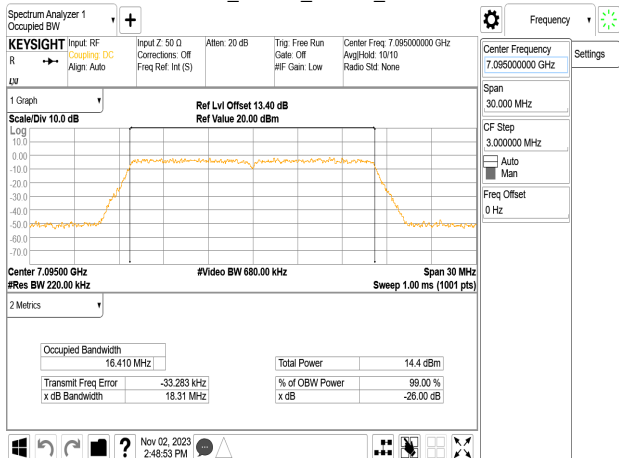


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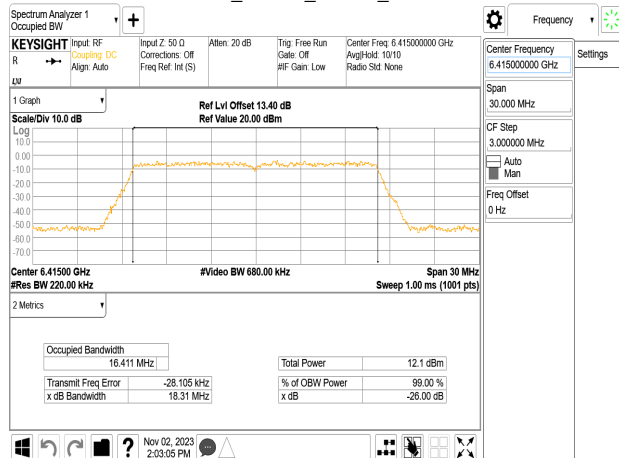
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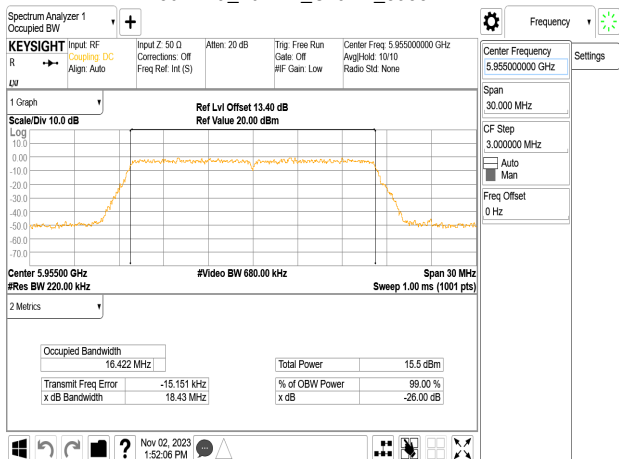
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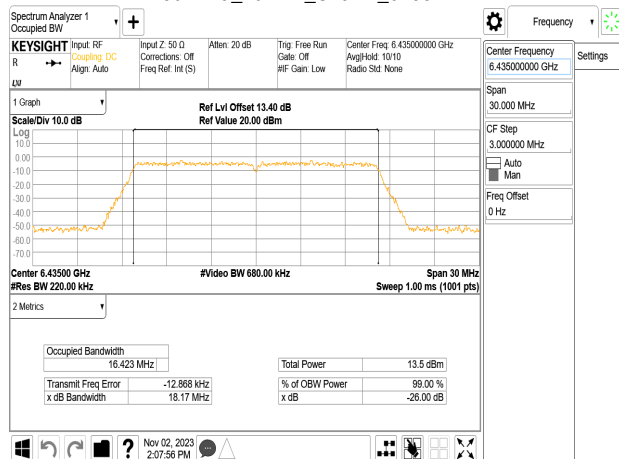
802.11a_20MHz_Chain1_6415MHz



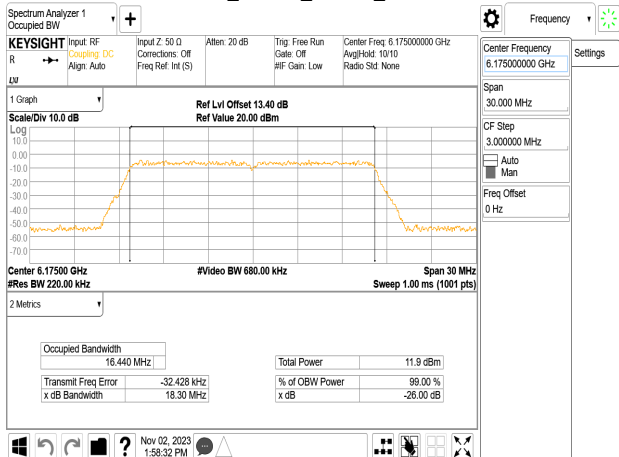
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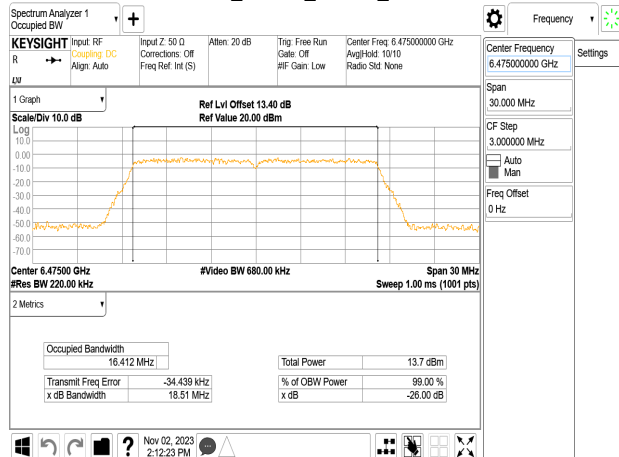
802.11a_20MHz_Chain1_6435MHz



802.11a_20MHz_Chain1_6175MHz



802.11a_20MHz_Chain1_6475MHz

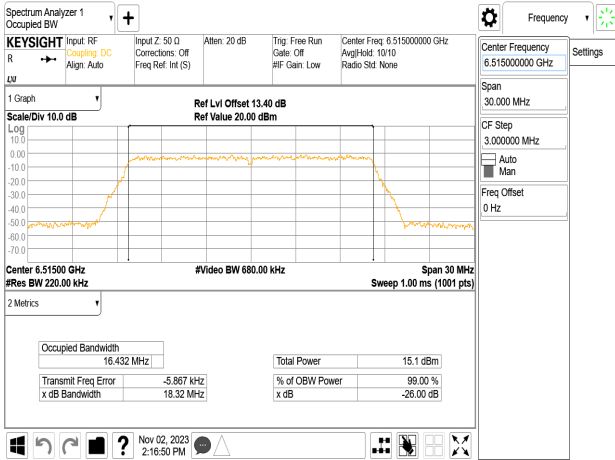


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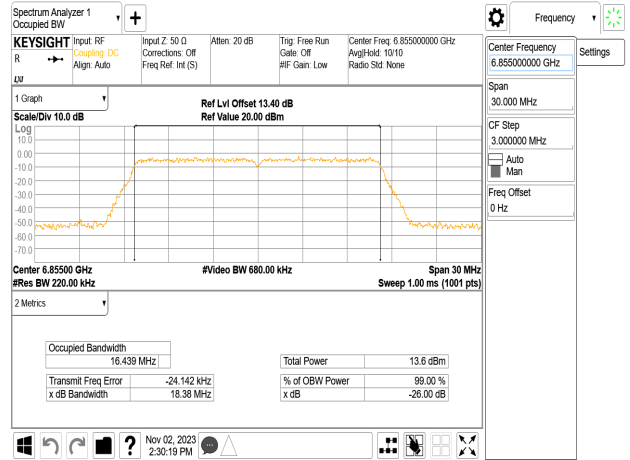
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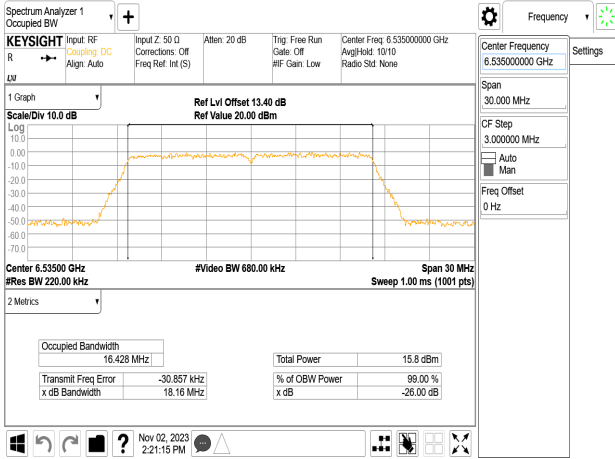
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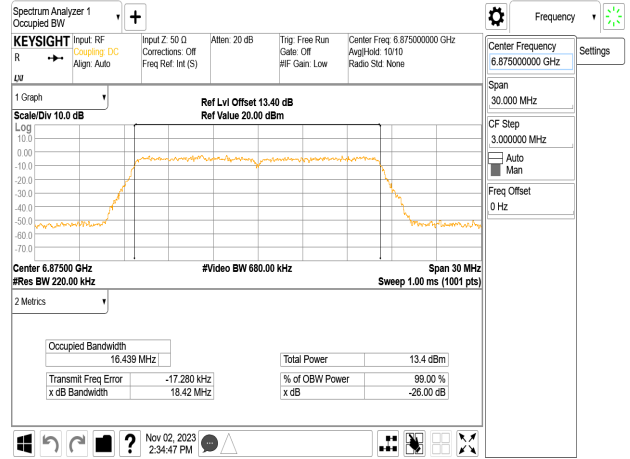
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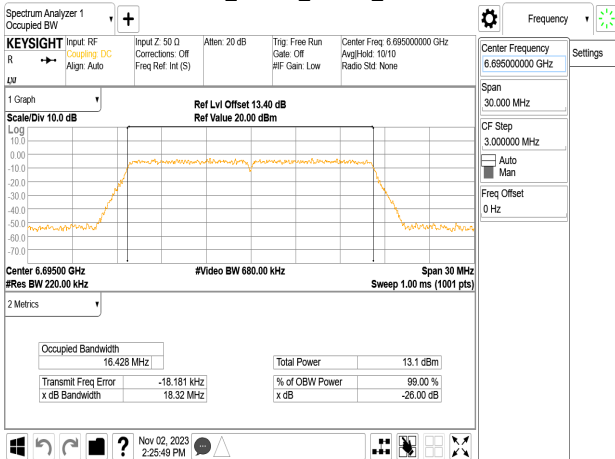
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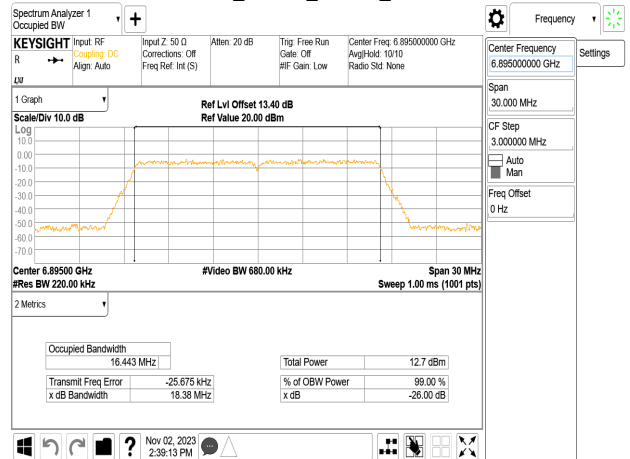
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802.11a_20MHz_Chain1_6695MHz



802.11a_20MHz_Chain1_6895MHz

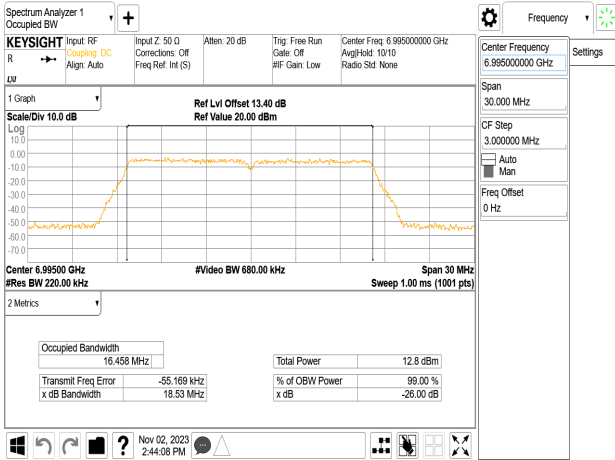


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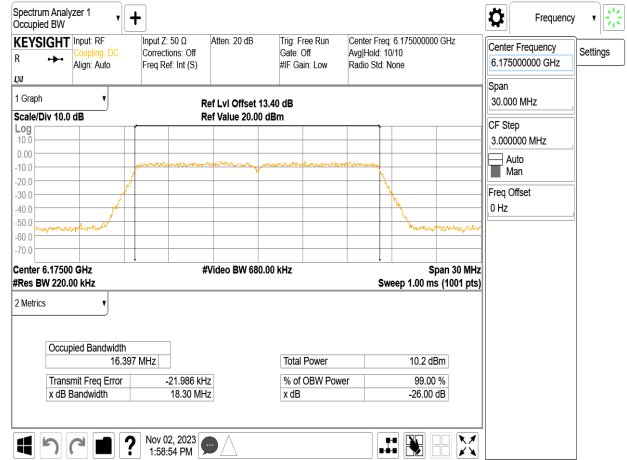
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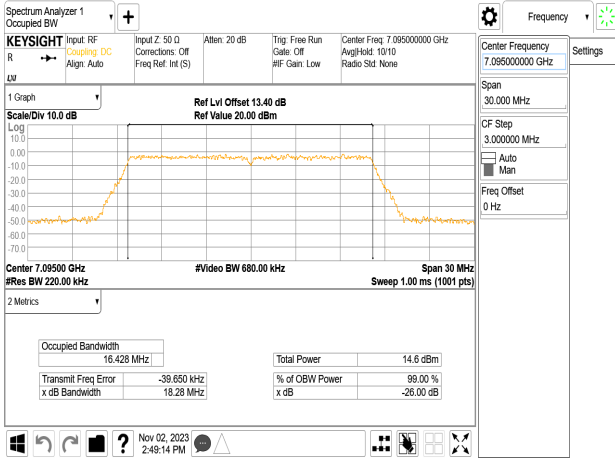
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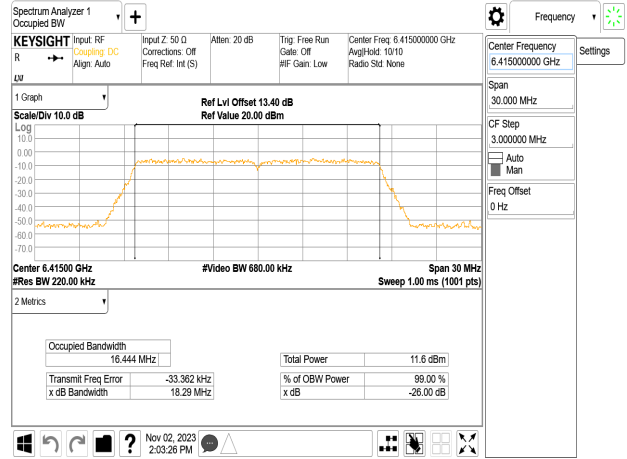
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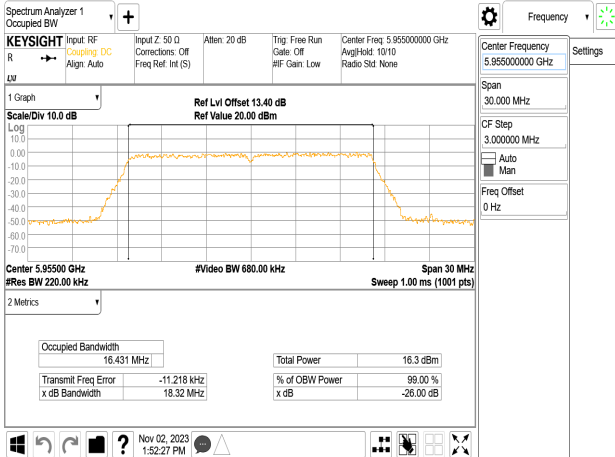
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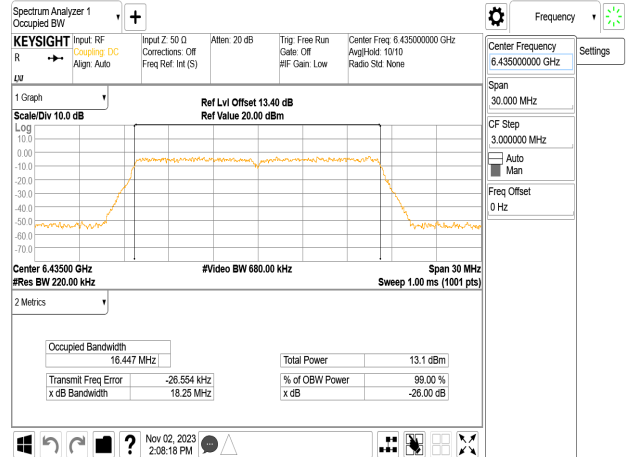
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802.11a_20MHz_Chain2_5955MHz



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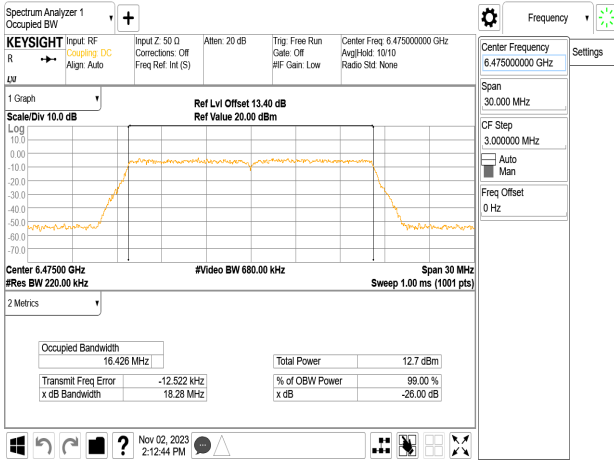


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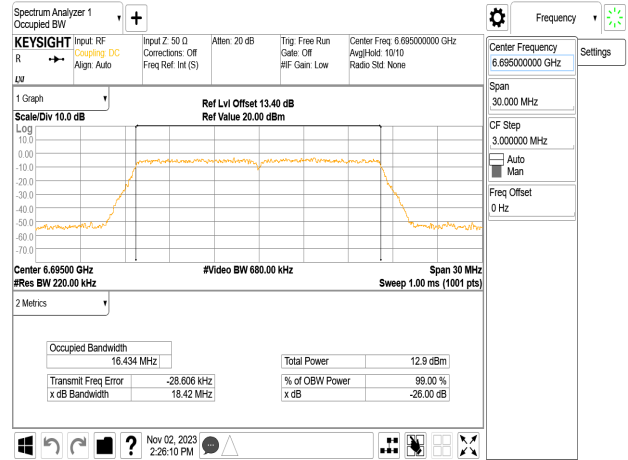
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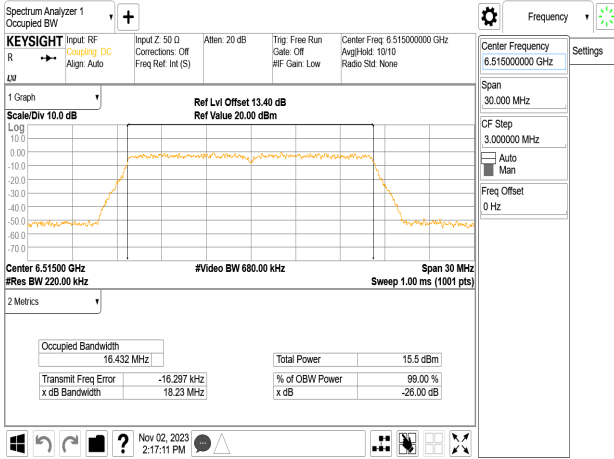
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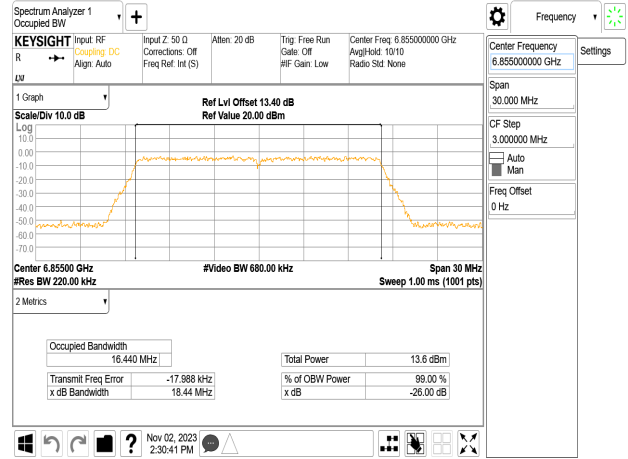
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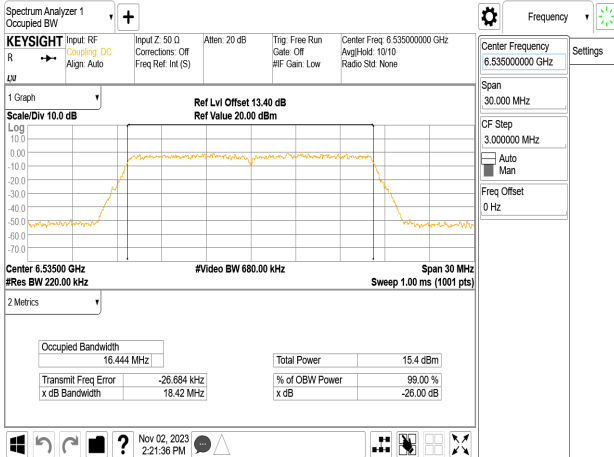
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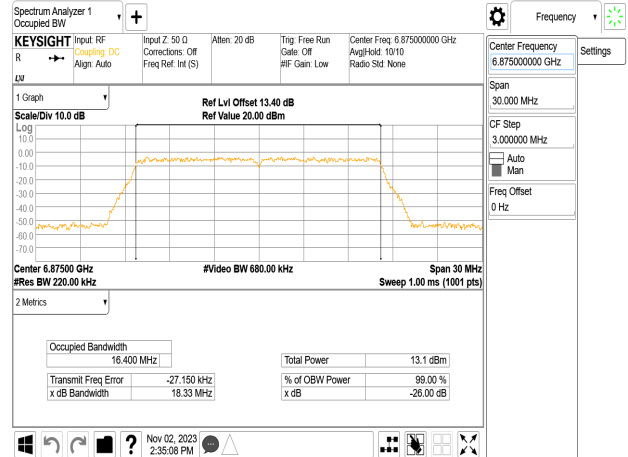
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802.11a_20MHz_Chain2_6535MHz



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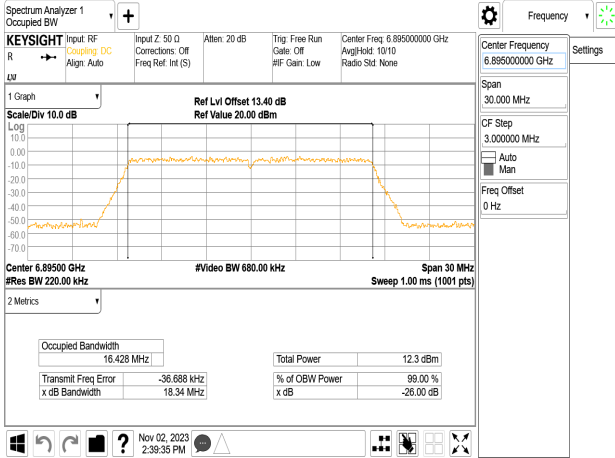


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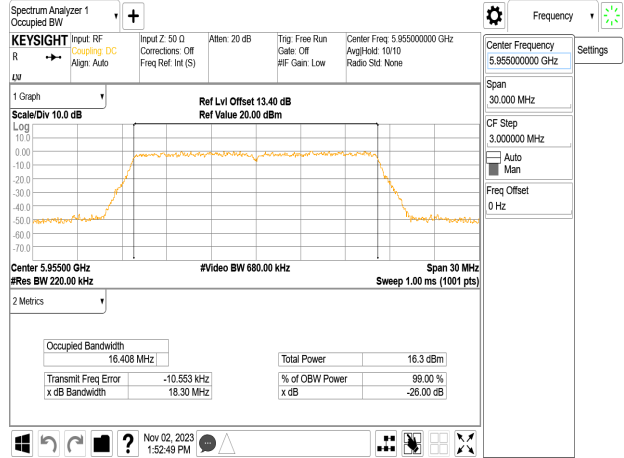
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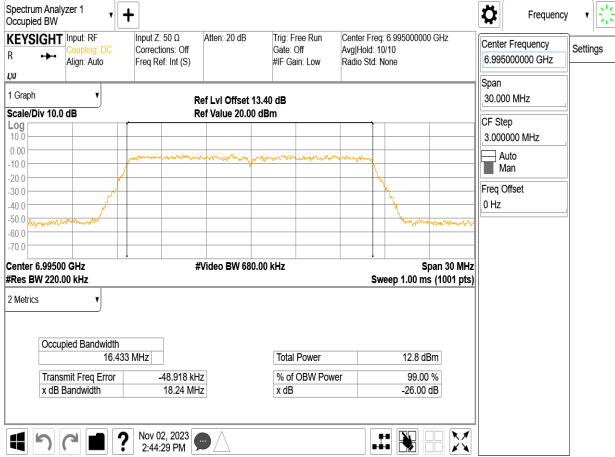
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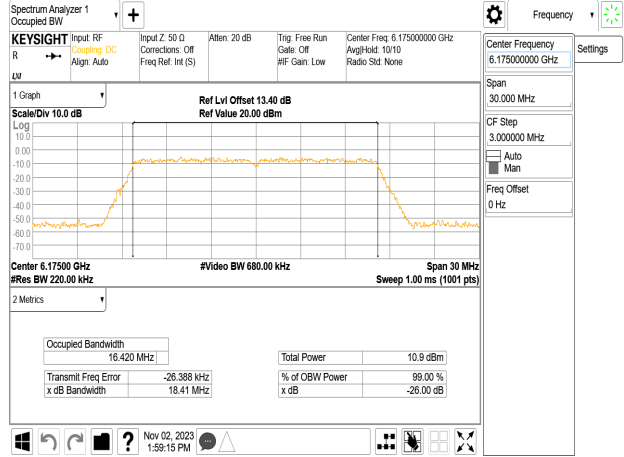
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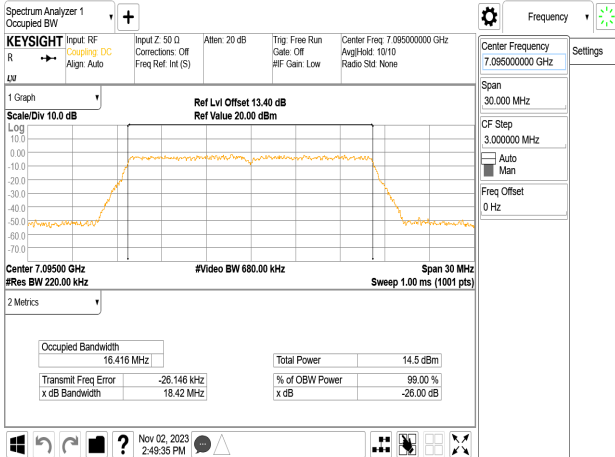
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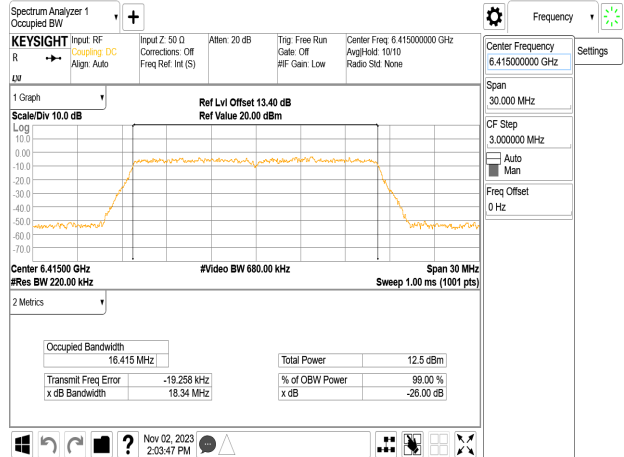
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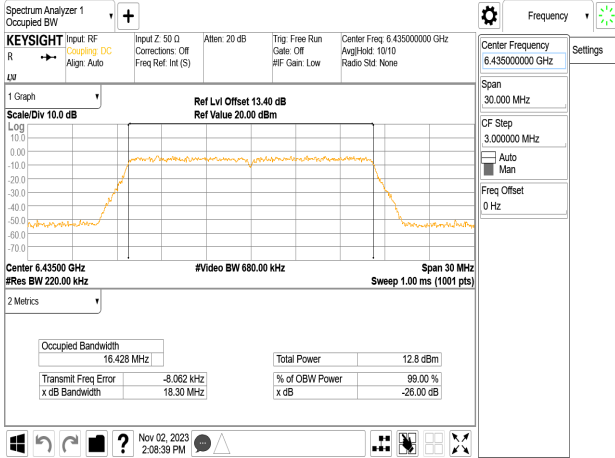


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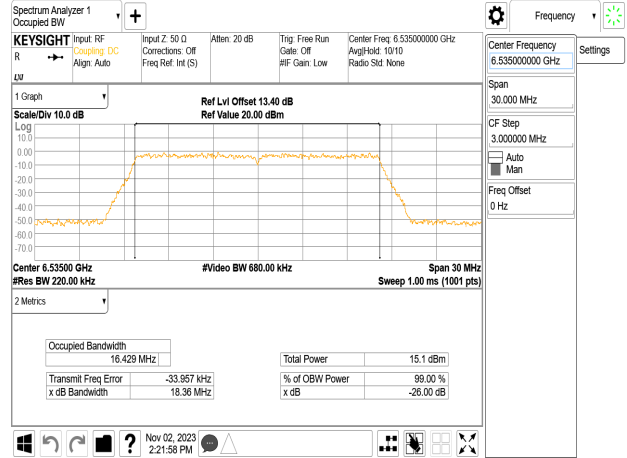
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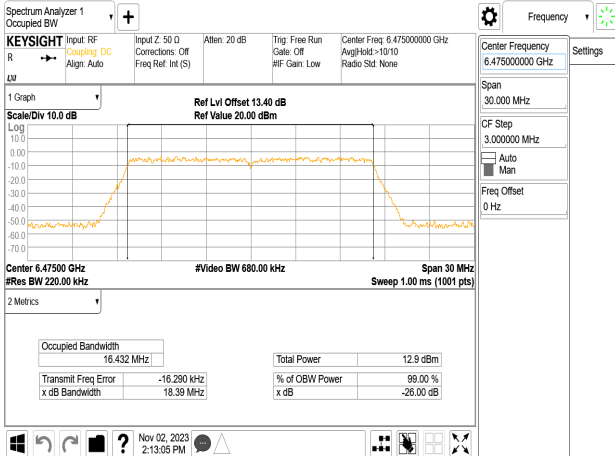
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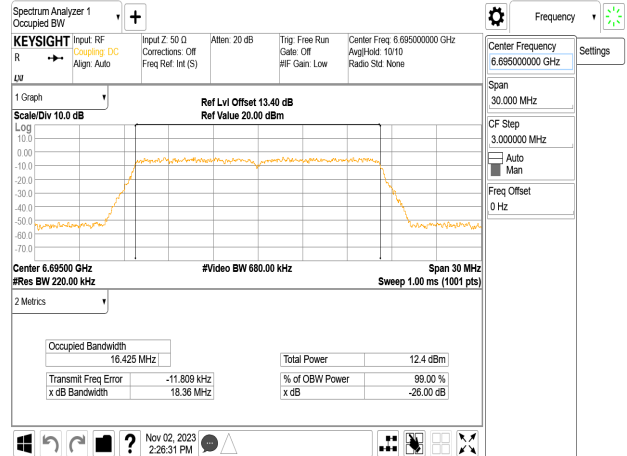
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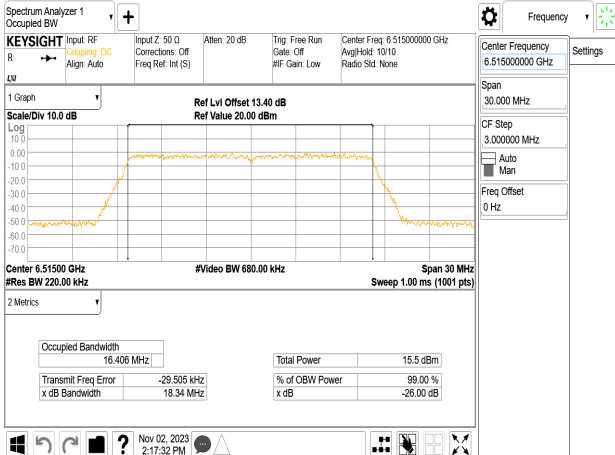
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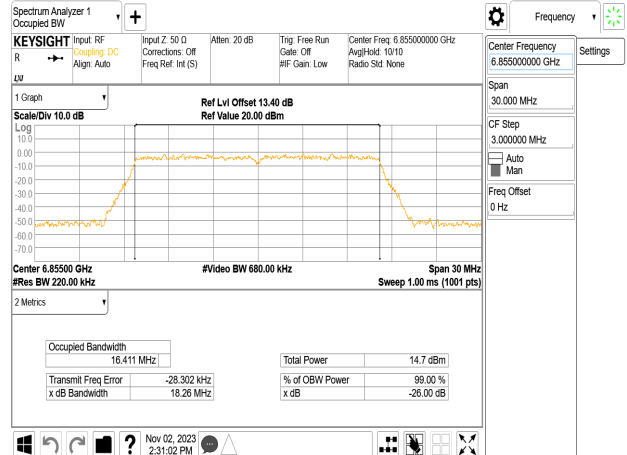
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802.11a_20MHz_Chain3_6515MHz



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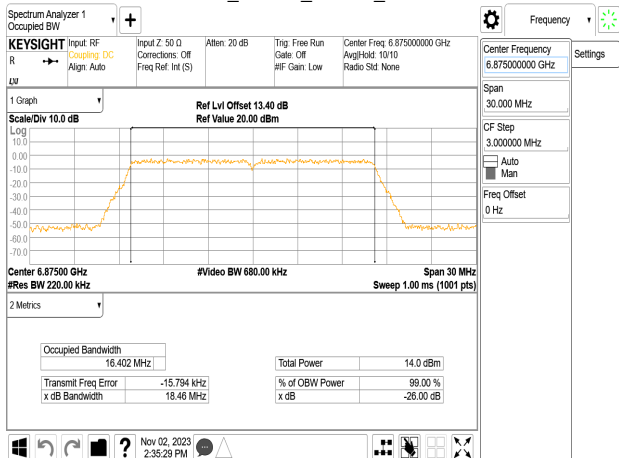


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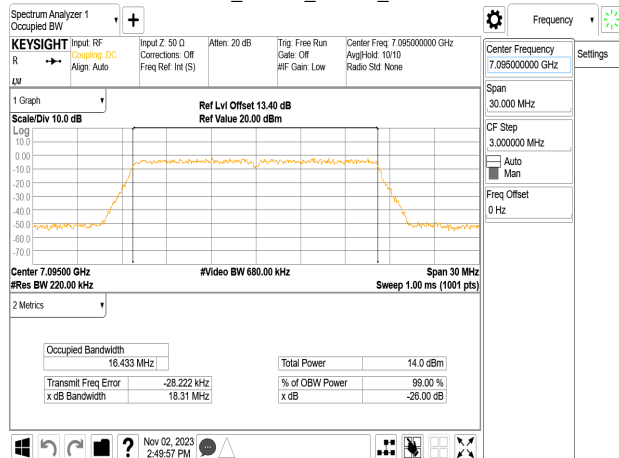
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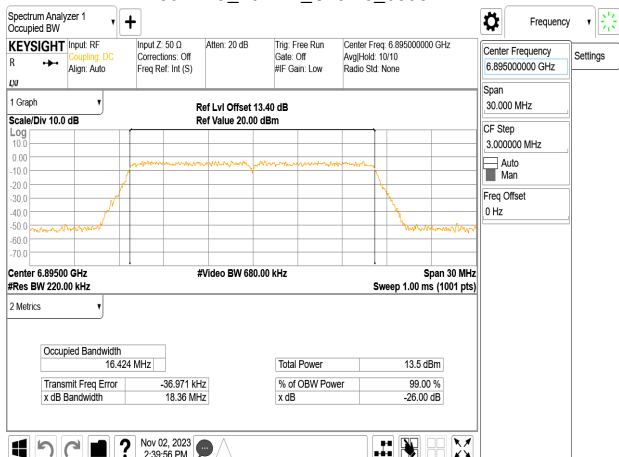
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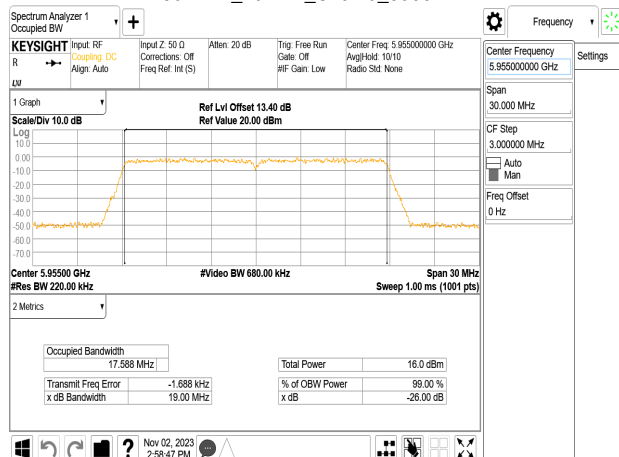
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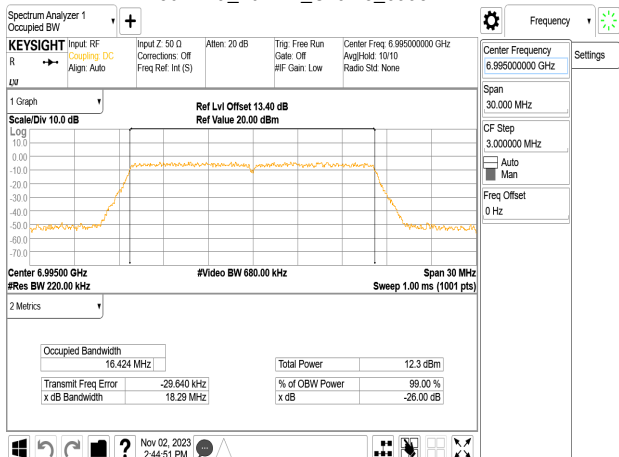
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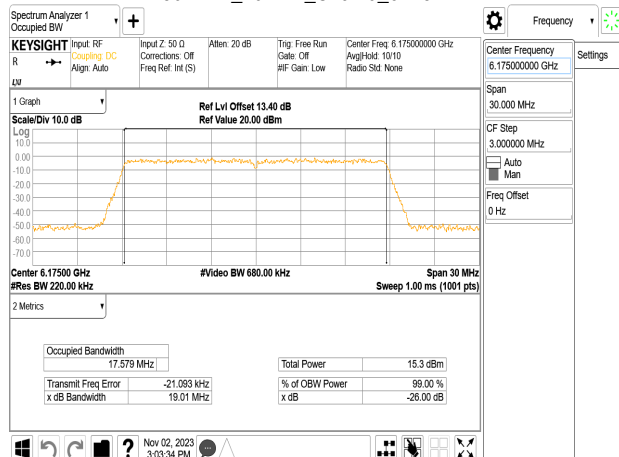
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802.11a_20MHz_Chain3_6995MHz



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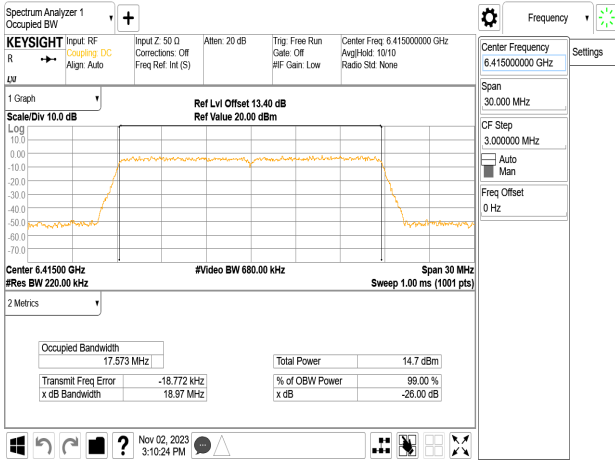


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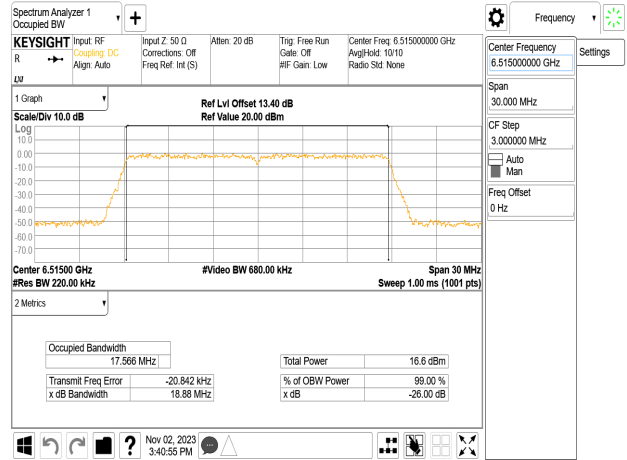
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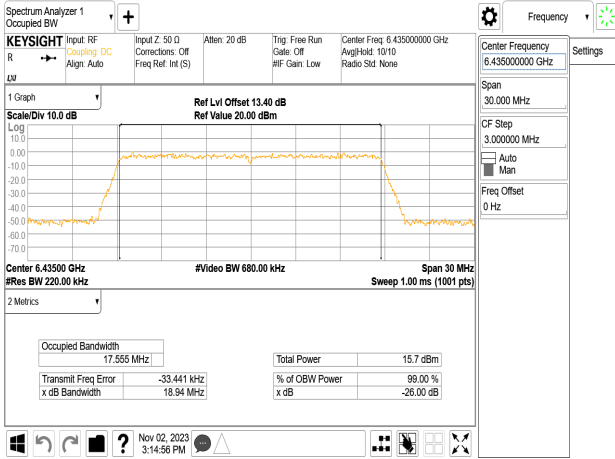
802.11n_20MHz_Chain0_6415MHz



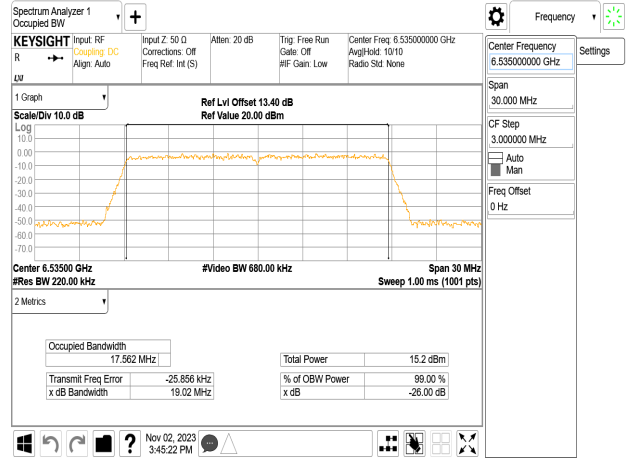
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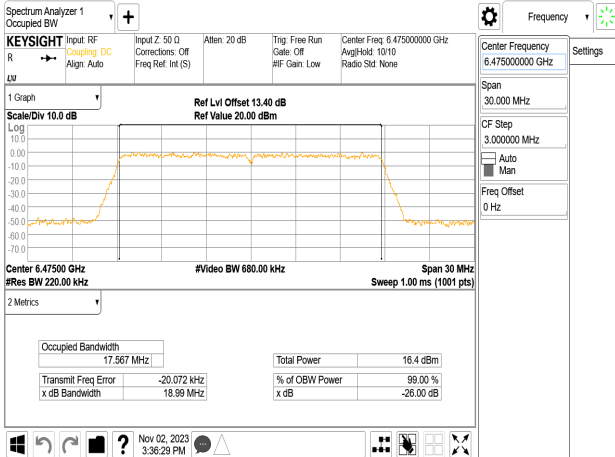
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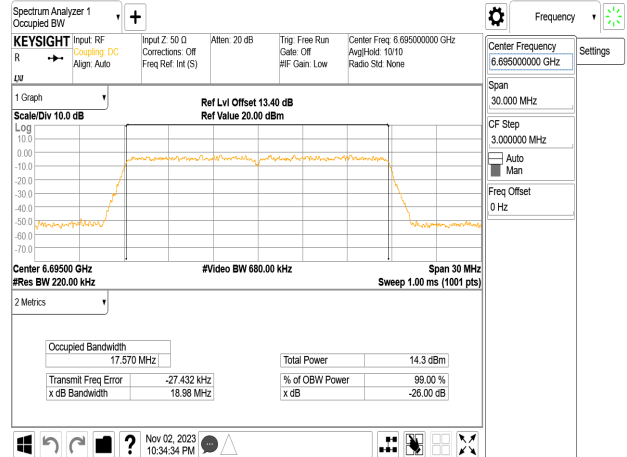
802.11n_20MHz_Chain0_6535MHz



802.11n_20MHz_Chain0_6475MHz



802.11n_20MHz_Chain0_6695MHz



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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