

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



Applicant: LG Electronics USA, Inc.
111 Sylvan Avenue, North Building, Englewood Cliffs, New
Jersey 07632, United States

Product Name: Notebook Computer

Brand Name: LG or

Model No.: 16T90TP

Series Model: 16T90TP**, 16TD90TP**, 16TG90TP**, 16TB90TP**, 16TS90TP**
Remark "**" can be 0 to 9 or A to Z or dash or blank

Model Difference: For marketing purposes only

Report Number: TERF2409002608ER

FCC ID BEJNT-16T90TP

Date of EUT Received: September 3, 2024

Date of Test: September 4, 2024~November 15, 2024

Issue Date: November 15, 2024

Approved By

CHUN, CHIEH, CHEN

Chun Chieh Chen

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
TERF2409002608ER	00	Original	October 22, 2024	Karen Huang	
TERF2409002608ER	01	Add measurement data of 802.11 ax mode	November 14, 2024	Karen Huang	*
TERF2409002608ER	02	Update measurement data of 802.11 be mode	November 15, 2024	Karen Huang	*

Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.
- 2、Variant information of model numbers is provided by the applicant, test results of this report are applicable to the sample EUT(s) received.
And are assessed as electrically identical in RF characteristics, therefore, no further assessment required for the variant(s).

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1 GENERAL INFORMATION

1.1 Product Description

Product Name:	Notebook Computer
Brand Name:	LG or  LG
Model No.:	16T90TP
Series Model:	16T90TP**, 16TD90TP**, 16TG90TP**, 16TB90TP**, 16TS90TP** Remark "*" can be 0 to 9 or A to Z or dash or blank
Model Difference:	For marketing purposes only
Hardware Version:	N/A
Firmware Version:	N/A
EUT Series No.:	408PGRS937454, 408PGVC937455, 408PGWR937497
Power Supply:	15.52 Vdc from rechargeable battery or 5 / 9 / 15 / 20 Vdc from adapter
Test Software (Name/Version)	DRTU.06643.23.60.0

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1.2 Modulation & Data Rate

Modulation type:	64QAM, 16QAM, QPSK, BPSK for OFDM in
Transition Rate:	802.11 a: 6 - 54 Mbps
Modulation type:	64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11n
	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 n_HT20: up to 144.4 Mbps
	802.11 n_HT40: up to 300 Mbps
	802.11 ac_VHT20: up to 173.4 Mbps
	802.11 ac_VHT40: up to 400 Mbps
	802.11 ac_VHT80: up to 866.6 Mbps
	802.11 ac_VHT160: up to 1733.4 Mbps
	802.11 ax_HE20: up to 286.8 Mbps
	802.11 ax_HE40: up to 573.6 Mbps
	802.11 ax_HE80: up to 1201 Mbps
	802.11 ax_HE160: up to 2402 Mbps
	802.11 be_EHT20: up to 344.1 Mbps
	802.11 be_EHT40: up to 688.2 Mbps
	802.11 be_EHT80: up to 1441.2 Mbps
	802.11 be_EHT160: up to 2882.4 Mbps

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1.3 Antenna Designation

Antenna Type	Supplier	NB Mode / TB Mode	Main / Aux	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)
PIFA	AWAN	NB Mode	Main	AYF6Y-200008 (1415-0ADV000)	5150~5250	2.19
					5250~5350	1.92
					5470~5725	2.07
					5725~5850	2.40
					5850~5895	2.40
			Aux	AYF6Y-200008 (1415-0ADV000)	5150~5250	1.40
					5250~5350	1.96
					5470~5725	2.79
					5725~5850	2.79
					5850~5895	2.32
		TB Mode	Main	AYF6Y-200008 (1415-0ADV000)	5150~5250	1.99
					5250~5350	2.51
					5470~5725	3.04
					5725~5850	3.04
					5850~5895	2.38
			Aux	AYF6Y-200008 (1415-0ADV000)	5150~5250	0.13
					5250~5350	-0.13
					5470~5725	1.32
					5725~5850	1.32
					5850~5895	0.43

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PIFA	INPAQ	NB Mode	Main	1415-0ADT000 (WA-F-LELE-04-003)	5150~5250	2.13
					5250~5350	1.83
					5470~5725	1.99
					5725~5850	2.12
					5850~5895	2.28
			Aux	1415-0ADT000 (WA-F-LELE-04-003)	5150~5250	1.33
					5250~5350	1.93
					5470~5725	2.54
					5725~5850	2.49
					5850~5895	2.24
		TB Mode	Main	1415-0ADT000 (WA-F-LELE-04-003)	5150~5250	1.85
					5250~5350	2.39
					5470~5725	2.86
					5725~5850	2.65
					5850~5895	2.29
			Aux	1415-0ADT000 (WA-F-LELE-04-003)	5150~5250	0.11
					5250~5350	-0.19
					5470~5725	1.25
					5725~5850	1.27
					5850~5895	0.39

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.
3. Chain A = Aux antenna, Chain B = Main antenna.

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1.4 FCC

Mode: Chain A

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)	Modulation Technology
802.11a	5180~5240	4	10.86 dBm	OFDM
	5260~5320	4	10.93 dBm	OFDM
	5500~5720	12	10.50 dBm	OFDM
	5745-5825	5	11.01 dBm	OFDM
	5845~5885	3	13.06 dBm	OFDM

Mode: Chain B

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)	Modulation Technology
802.11a	5180~5240	4	10.96 dBm	OFDM
	5260~5320	4	11.03 dBm	OFDM
	5500~5720	12	10.64 dBm	OFDM
	5745-5825	5	11.03 dBm	OFDM
	5845~5885	3	13.17 dBm	OFDM

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Mode: Chain A + Chain B

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)	Modulation Technology
802.11n_HT20/ 802.11ac_VHT20/ 802.11ax_HE20/ 802.11be_EHT20	5180~5240	4	13.32 dBm	OFDMA
	5260~5320	4	13.36 dBm	OFDMA
	5500~5720	12	12.96 dBm	OFDMA
	5745-5825	5	13.47 dBm	OFDMA
	5845~5885	3	15.54 dBm	OFDMA
802.11n_HT40 802.11ac_VHT40/ 802.11ax_HE40/ 802.11be_EHT40	5190~5230	2	13.24 dBm	OFDMA
	5270~5310	2	13.34 dBm	OFDMA
	5510~5710	6	12.92 dBm	OFDMA
	5755-5795	2	13.49 dBm	OFDMA
	5835~5875	2	15.58 dBm	OFDMA
802.11ac_VHT80/ 802.11ax_HE80/ 802.11be_EHT80	5210	1	13.31 dBm	OFDMA
	5290	1	13.37 dBm	OFDMA
	5530~5690	3	12.96 dBm	OFDMA
	5775	1	13.44 dBm	OFDMA
	5855	1	13.16 dBm	OFDMA
802.11ac_VHT160/ 802.11ax_HE160/ 802.11be_EHT160	5250	1	13.37 dBm	OFDMA
	5570	1	13.08 dBm	OFDMA
	5815	1	12.09 dBm	OFDMA

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1.5 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

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	
		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.

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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 off-set compensation, the spectrum analyzer reading level is exactly EUT RF output level.

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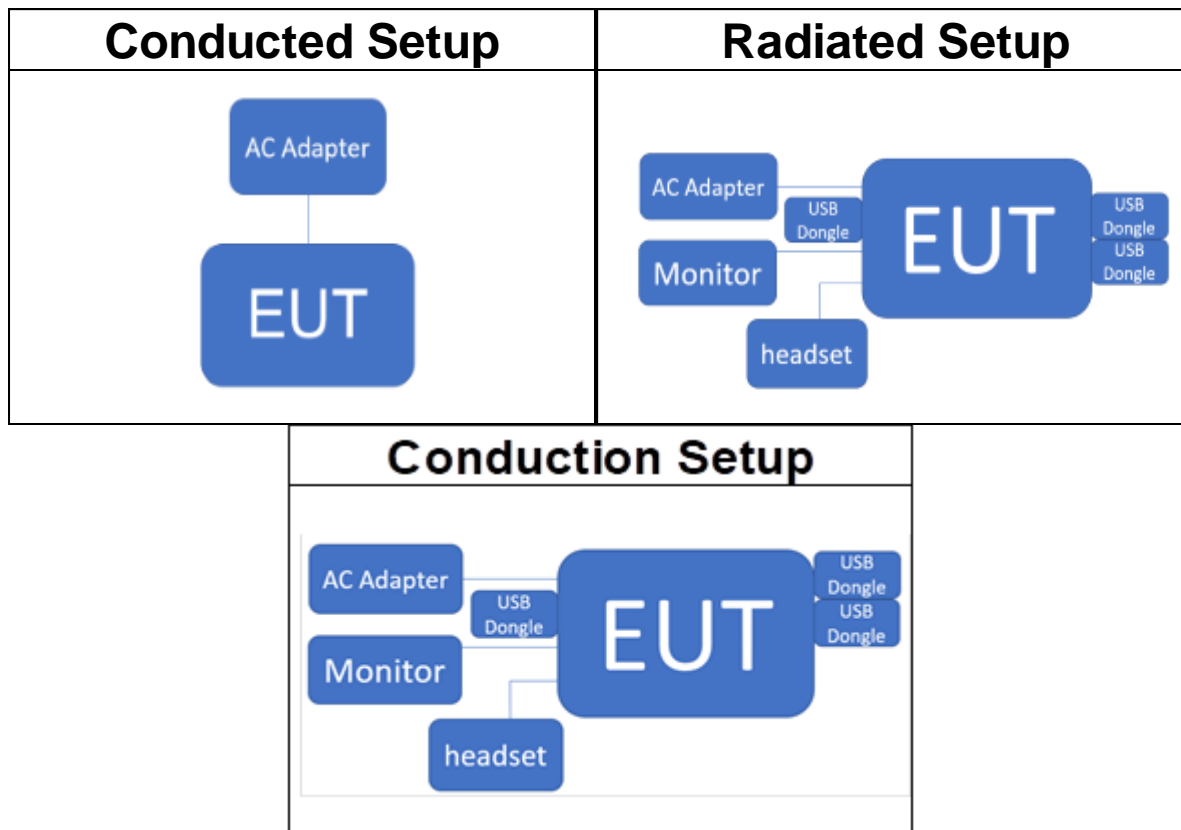
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2.5 Test Configuration



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.
AC Adapter	LG	LP65WFC20P-NJ	N/A	N/A	N/A
Type C to Type C cable	Luxshare	L1LUC022-CS-H	N/A	N/A	N/A
Monitor	Dell	U2413f	CN-06VNX5-72872-34D-A6YL	N/A	N/A
Headset	Apple	A1472	N/A	N/A	N/A
USB Dongle	SanDisk	SDCZ600-032G	N/A	N/A	N/A
USB Dongle	SanDisk	SDDDC4	N/A	N/A	N/A
USB Dongle	TEAMGROUP	C175	N/A	N/A	N/A
HDMI Cable	Hotron	E246588	N/A	N/A	N/A
Conducted Emission Test Site: Conducted 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
AC Adapter	LG	LP65WFC20P-NJ	N/A	N/A	N/A
Type C to Type C cable	Luxshare	L1LUC022-CS-H	N/A	N/A	N/A

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Radiated Emission Test Site: SAC 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
AC Adapter	LG	LP65WFC20P-NJ	N/A	N/A	N/A
Type C to Type C cable	Luxshare	L1LUC022-CS-H	N/A	N/A	N/A
Monitor	Dell	U2413f	CN-06VNX5-72872-34D-A6YL	N/A	N/A
Headset	Apple	A1472	N/A	N/A	N/A
USB Dongle	SanDisk	SDCZ600-032G	N/A	N/A	N/A
USB Dongle	SanDisk	SDDDC4	N/A	N/A	N/A
USB Dongle	TEAMGROUP	C175	N/A	N/A	N/A
HDMI Cable	Hotron	E246588	N/A	N/A	N/A

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3 SUMMARY OF TEST RESULT

FCC Rules	Description Of Test	Result
§15.207	AC Power Line Conducted Emission	Compliant
§15.407(e)	Emission Bandwidth	Compliant
§15.407(a)	Maximum Conducted Output Power	Compliant
§15.407(a)	Power Spectral Density	Compliant
§15.205 §15.209 §15.407(b)	Undesirable Radiated Emissions	Compliant
§15.407(c)	Transmission in case of Absence of Information	Compliant
§15.203	Antenna Requirement	Compliant

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4 DESCRIPTION OF TEST MODES

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				

UNII-4 5850 MHz ~ 5925MHz

20MHz		40MHz		80MHz		160MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
169	5845	167	5835	171	5885	163	5815
173	5865	175	5875				
177	5885						

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4.1 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	ChA		ChB		ChC	V Chain A	1TX

Modulation	Transmission Chain						Single Transmission Spatial	Multiple Transmission Spatial
V 802.11 a		ChA	V	ChB		ChC	V Chain B	1TX

Modulation	Transmission Chain						Single Transmission Spatial	Multiple Transmission Spatial
V 802.11 n	V	ChA	V	ChB		ChC	1TX	V Chain A + Chain B
V 802.11 ac	V	ChA	V	ChB		ChC	1TX	V Chain A + Chain B
V 802.11 ax	V	ChA	V	ChB		ChC	1TX	V Chain A + Chain B
V 802.11 be	V	ChA	V	ChB		ChC	1TX	V Chain A + Chain B

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	chA
	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			
	5845~5885	169 to 177	169,173,177			

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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	chB
	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			
	5845~5885	169 to 177	169,173,177			
CONDUCTED TEST						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11n_HT20	5180~5240	36 to 48	36,44,48	OFDM	MCS0	Chain A + Chain B
	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			
	5845~5885	169 to 177	169,173,177			
802.11n_HT40	5190~5230	38 to 46	38,46	OFDM	MCS0	Chain A + Chain B
	5270~5310	54 to 62	54,62			
	5510~5710	102 to 142	102,110,134,142			
	5755~5795	151 to 159	151,159			
	5835~5875	167 to 175	167,175			
802.11ac_VHT80	5210	42	42	OFDM	MCS0	Chain A + Chain B
	5290	58	58			
	5530~5690	106 to 138	106,122,138			
	5775	155	155			
	5855	171	171			
802.11ac_VHT160	5250	50	50	OFDM	MCS0	Chain A + Chain B
	5570	114	114			
	5815	163	163			

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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 26/0,26/8 52/37,52/40 106/53,106/54	MCS0	Chain A + Chain B
	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				
	5845~5885	169 to 177	169,173,177				
802.11ax_HE40	5190~5230	38 to 46	38,46	OFDMA	FULL RU 242/61,242/62	MCS0	Chain A + Chain B
	5270~5310	54 to 62	54,62				
	5510~5710	102 to 142	102,110,134,142				
	5755~5795	151 to 159	151,159				
	5835~5875	167 to 175	167,175				
802.11ax_HE80	5210	42	42	OFDMA	FULL RU 484/65,484/66	MCS0	Chain A + Chain B
	5290	58	58				
	5530~5690	106 to 138	106,122,138				
	5775	155	155				
	5855	171	171				
802.11ax_HE160	5250	50	50	OFDMA	FULL RU 996/67,996/67	MCS0	Chain A + Chain B
	5570	114	114				
	5815	163	163				

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CONDUCTED TEST							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11be_EHT20	5180~5240	36 to 48	36,44,48	OFDMA	FULL RU 26/0,26/8 52/37,52/40 106/53,106/54, 52+26MRU1, 52+26MRU3, 106+26MRU1, 106+26MRU2	MCS0	Chain A + Chain B
	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				
	5845~5885	169 to 177	169,173,177				
802.11be_EHT40	5190~5230	38 to 46	38,46	OFDMA	FULL RU 242/61,242/62	MCS0	Chain A + Chain B
	5270~5310	54 to 62	54,62				
	5510~5710	102 to 142	102,110,134,142				
	5755~5795	151 to 159	151,159				
	5835~5875	167 to 175	167,175				
802.11be_EHT80	5210	42	42	OFDMA	FULL RU 484/65,484/66 484+242MRU1, 484+242MRU4	MCS0	Chain A + Chain B
	5290	58	58				
	5530~5690	106 to 138	106,122,138				
	5775	155	155				
	5855	171	171				
802.11be_EHT160	5250	50	50	OFDMA	FULL RU 996/67,996/S67, 996+484MRU1, 996+484MRU2, 996+484MRU3, 996+484MRU4, 996+484+242MRU1, 996+484+242MRU2, 996+484+242MRU7, 996+484+242MRU8	MCS0	Chain A + Chain B
	5570	114	114				
	5815	163	163				
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		Chain A
	5260~5320	52 to 64	60				
	5500~5720	100 to 144	116				
	5745~5825	149 to 165	157				
	5845~5885	169 to 177	173				
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		Chain A
	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				
	5845~5885	169 to 177	169,173,177				

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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	5180~5240	36 to 48	44	OFDM	6	Chain B
	5260~5320	52 to 64	60			
	5500~5720	100 to 144	116			
	5745~5825	149 to 165	157			
	5845~5885	169 to 177	173			
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	Chain B
	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			
	5845~5885	169 to 177	169,173,177			
TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11n_HT20	5180~5240	36 to 48	36,44,48	OFDM	MCS0	Chain A + Chain B
	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			
	5845~5885	169 to 177	169,173,177			
802.11n_HT40	5190~5230	38 to 46	38,46	OFDM	MCS0	Chain A + Chain B
	5270~5310	54 to 62	54,62			
	5510~5710	102 to 142	102,110,134,142			
	5755~5795	151 to 159	151,159			
	5835~5875	167 to 175	167,175			
802.11ac_VHT80	5210	42	42	OFDM	MCS0	Chain A + Chain B
	5290	58	58			
	5530~5690	106 to 138	106,122,138			
	5775	155	155			
	5855	171	171			
802.11ac_VHT160	5250	50	50	OFDM	MCS0	Chain A + Chain B
	5570	114	114			
	5815	163	163			

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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
802.11ax_HE20	5180~5240	36 to 48	36,44,48	OFDMA	FULL RU 26/0,26/8 52/37,52/40 106/53,106/54	MCS0	Chain A + Chain B
	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				
	5845~5885	169 to 177	169,173,177				
802.11ax_HE40	5190~5230	38 to 46	38,46	OFDMA	FULL RU 242/61,242/62	MCS0	Chain A + Chain B
	5270~5310	54 to 62	54,62				
	5510~5710	102 to 142	102,110,134,142				
	5755~5795	151 to 159	151,159				
	5835~5875	167 to 175	167,175				
802.11ax_HE80	5210	42	42	OFDMA	FULL RU 484/65,484/66	MCS0	Chain A + Chain B
	5290	58	58				
	5530~5690	106 to 138	106,122,138				
	5775	155	155				
	5855	171	171				
802.11ax_HE160	5250	50	50	OFDMA	FULL RU 996/67,996/S67	MCS0	Chain A + Chain B
	5570	114	114				
	5815	163	163				
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	5180~5240	36 to 48	36,44,48	OFDMA	FULL RU 26/0,26/8 52/37,52/40 106/53,106/54 52+26MRU1,MRU3 106+26MRU1,MRU2	MCS0	Chain A + Chain B
	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				
	5845~5885	169 to 177	169,173,177				
802.11be_EHT40	5190~5230	38 to 46	38,46	OFDMA	FULL RU 242/61,242/62	MCS0	Chain A + Chain B
	5270~5310	54 to 62	54,62				
	5510~5710	102 to 142	102,110,134,142				
	5755~5795	151 to 159	151,159				
	5835~5875	167 to 175	167,175				
802.11be_EHT80	5210	42	42	OFDMA	FULL RU 484/65,484/66 484+242 MRU1,MRU4	MCS0	Chain A + Chain B
	5290	58	58				
	5530~5690	106 to 138	106,122,138				
	5775	155	155				
	5855	171	171				
802.11be_EHT160	5250	50	50	OFDMA	FULL RU 996/67,996/S67 996+484 MRU1,MRU2 996+484 MRU3,MRU4 996+484+242 MRU1,MRU2 996+484+242 MRU7,MRU8	MCS0	Chain A + Chain B
	5570	114	114				
	5815	163	163				

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Note:

The field strength of radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for channel Low, Mid and High under TB mode, the worst case position was NB mode as reported.

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5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
AC Power Line Conducted Emission	+/- 1.54 dB
Output Power measurement	+/- 0.97 dB
Emission Bandwidth	+/- 1.38 Hz
Conducted emission measurement	+/- 0.77 dB
Peak Power Density	+/- 0.61 dB
Temperature	+/- 0.6 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/-	1.89 dB	9kHz~30MHz
	+/-	4.15 dB	30MHz - 1000MHz
	+/-	3.43 dB	1GHz - 18GHz
	+/-	3.86 dB	18GHz - 40GHz
Polarization: Horizontal	+/-	1.89 dB	9kHz~30MHz
	+/-	4.02 dB	30MHz - 1000MHz
	+/-	3.43 dB	1GHz - 18GHz
	+/-	3.86 dB	18GHz - 40GHz
Radiated Spurious Emission	+/-	2 dB	33GHz-50GHz
	+/-	1.59 dB	50GHz-60GHz
	+/-	1.7 dB	60GHz-90GHz
	+/-	1.64 dB	90GHz-140GHz
	+/-	3.83 dB	140GHz-220GHz

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.
Coaxial Cables	EMC Instruments Corp.	EMCCFD300-BM-BM-3000	161207	06/22/2024	06/21/2025
EMI Test Receiver	R&S	ESCI 7	100759	08/28/2024	08/27/2025
LISN	SCHWARZBECK	NSLK 8127	1040	09/07/2024	09/06/2025
LISN	SCHWARZBECK	NSLK 8127	1041	10/26/2023	10/25/2024
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	793	06/22/2024	06/21/2025
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

6.2 Conducted Measurement

Conducted Emission Test Site: Conducted 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Attenuator	Mini-Circuits	BW-S10W2+	28	12/12/2023	12/11/2024
DC Block	Mini-Circuits	BLK-18-S+	10	12/12/2023	12/11/2024
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071571	06/04/2024	06/03/2025
Power Meter	Anritsu	ML2496A	1804001	04/16/2024	04/15/2025
Power Sensor	Anritsu	MA2411B	1726104	04/16/2024	04/15/2025
Power Sensor	Anritsu	MA2411B	1726107	04/16/2024	04/15/2025
Test Software	SGS	Radio Test Software	Ver. 21	N.C.R	N.C.R

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6.3 Radiated Measurement

Radiated Emission Test Site: SAC 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
7G High Pass Filter	WI	WHKX7.0	45	12/12/2023	12/11/2024
Attenuator	Mini-Circuits	BW-S10W2+	16	12/12/2023	12/11/2024
Band Reject Filter 5150-5350	Micro-Tronics	BRM50703	1	12/12/2023	12/11/2024
Band Reject Filter 5470-5725	Micro-Tronics	BRM50704	1	12/12/2023	12/11/2024
Band Reject Filter 5725-5875	Micro-Tronics	BRC500705-01	1	12/12/2023	12/11/2024
Bi-log Antenna	SCHWARZBECK	VULB9168	378	08/09/2024	08/08/2025
Coaxial Cables	EMCI+Huber Suhner	EMC107-SM-SM- 1000 +SUCOFLEX 104PEA +EMC107-SM-SM- 1500 +SUCOFLEX 106	RX Cable 9K-18G (221110+MY4251/4 PEA+221106+76096 /6)	08/30/2024	08/29/2025
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/ 2	08/30/2024	08/29/2025
EMI Test Receiver	R&S	ESCI 7	100759	08/28/2024	08/27/2025
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY63440386	02/06/2024	02/05/2025
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	07/10/2024	07/09/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	1441	09/23/2023	09/22/2024
Horn Antenna	SCHWARZBECK	BBHA9120D	1441	09/23/2024	09/22/2025
Loop Antenna	COM-POWER	AL-130R	10160104	12/04/2023	12/03/2024
Pre-Amplifier	EMCI	EMC118A45SEE	980868	08/30/2024	08/29/2025
Pre-Amplifier	EMCI	EMC184045SEE	9080939	08/30/2024	08/29/2025
Pre-Amplifier	HP	8447D	2944A07676	08/30/2024	08/29/2025
Site Cal	SGS	SAC 3	N/A	08/30/2024	08/29/2025
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

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

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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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AC POWER LINE CONDUCTED EMISSION TEST DATA

Report Number :TERF2409002608ER

Test Site :Conduction 1

Operation Mode :WLAN 5G

Test Date :2024-09-11

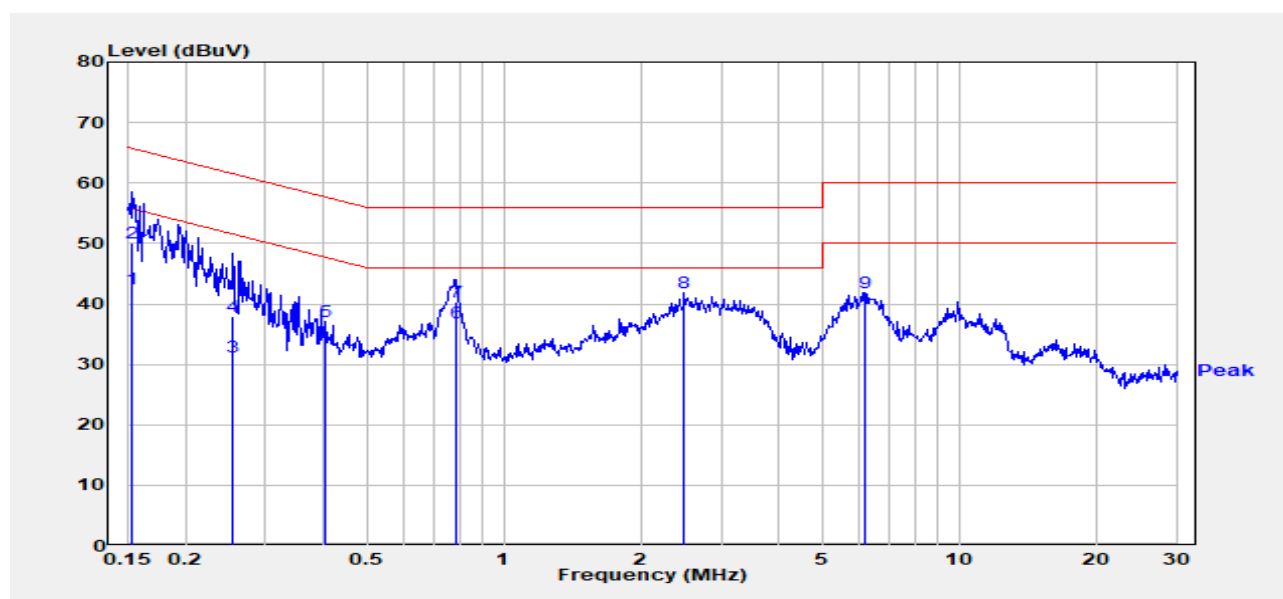
Power :120V/60Hz

Temp./Humi. :26.4°C/51%

Probe :L

Engineer :Nick Lin

Note: :



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS		
	PK/QP/AV	dBμV	dB	dBμV	dBμV	dB
0.152	Average	32.20	10.25	42.45	55.87	-13.42
0.152	QP	39.90	10.25	50.15	65.87	-15.72
0.255	Average	20.90	10.25	31.15	51.60	-20.45
0.255	QP	27.70	10.25	37.95	61.60	-23.65
0.404	Peak	26.89	10.25	37.14	57.77	-20.63
0.783	Average	26.50	10.32	36.82	46.00	-9.18
0.783	QP	30.00	10.32	40.32	56.00	-15.68
2.487	Peak	30.84	10.95	41.78	56.00	-14.22
6.186	Peak	31.29	10.57	41.86	60.00	-18.14

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Report Number :TERF2409002608ER

Operation Mode :WLAN 5G

Power :120V/60Hz

Probe :N

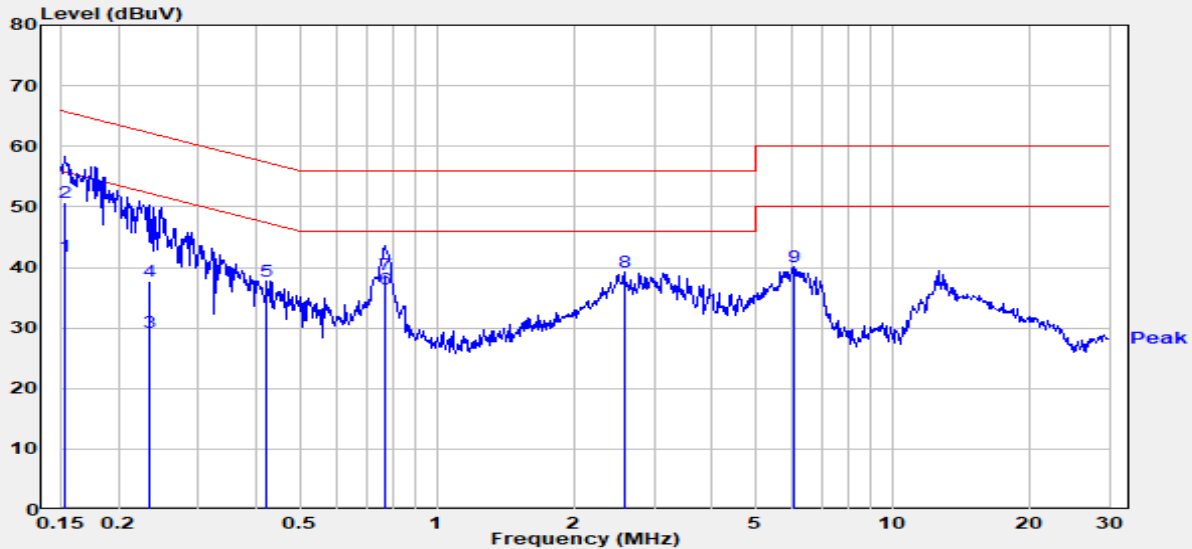
Note: :

Test Site :Conduction 1

Test Date :2024-09-11

Temp./Humi. :26.4°C/51%

Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS		
	PK/QP/AV	dBμV	dB	dBμV	dBμV	dB
0.152	Average	31.70	10.25	41.95	55.87	-13.92
0.152	QP	40.50	10.25	50.75	65.87	-15.12
0.233	Average	19.00	10.25	29.25	52.35	-23.10
0.233	QP	27.40	10.25	37.65	62.35	-24.70
0.424	Peak	27.50	10.25	37.75	57.37	-19.62
0.767	Average	26.10	10.32	36.42	46.00	-9.58
0.767	QP	28.40	10.32	38.72	56.00	-17.28
2.581	Peak	28.23	10.93	39.16	56.00	-16.84
6.089	Peak	29.43	10.58	40.00	60.00	-20.00

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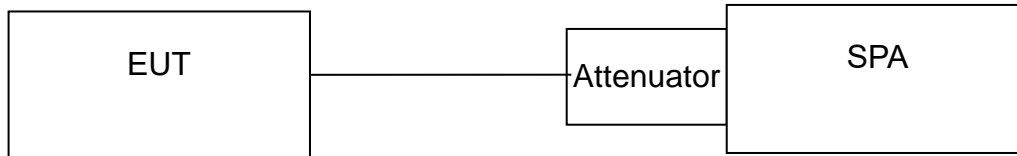
8 EMISSION BANDWIDTH MEASUREMENT

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 & UNII-4.

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.& 5.850~5.895GHz
 - 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

Mode: Chain A

802.11a_ChA

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5180	23.37	13.690
5220	23.36	13.680
5240	22.81	13.580
5260	23.16	13.650
5300	23.22	13.660
5320	22.59	13.540
5500	22.86	13.590
5580	22.21	13.470
5700	22.62	13.540
5720(U-NII 2C)	16.40	12.150
5720(U-NII 3)	6.40	8.070

802.11a_ChA

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5745	16.36	12.140
5785	12.20	10.860
5825	13.17	11.200
5845(U-NII 3)	11.20	10.490
5845(U-NII 4)	1.20	0.790
5865	16.03	12.050
5885	13.25	11.220

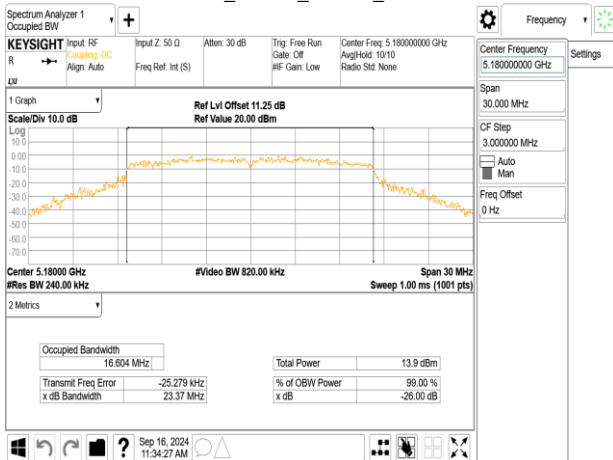
802.11a_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5248.36	< 5250
5745	5736.75	> 5725

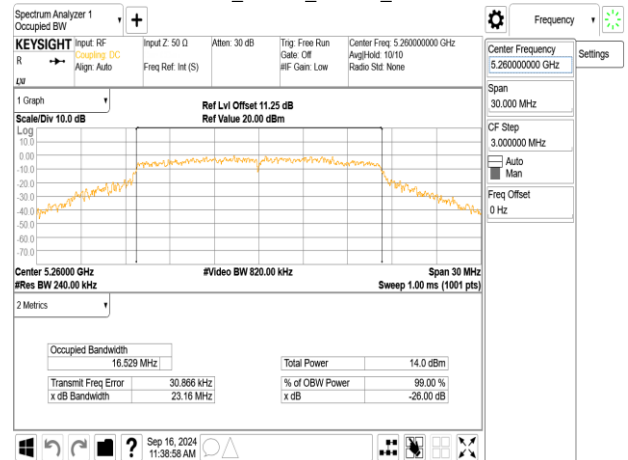
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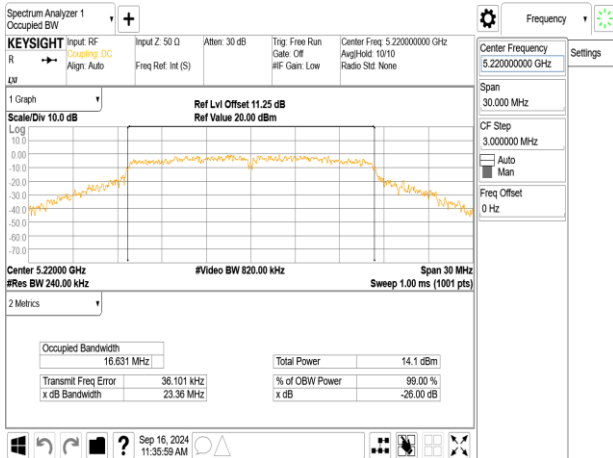
802.11a_20MHz_ChainA_5180MHz



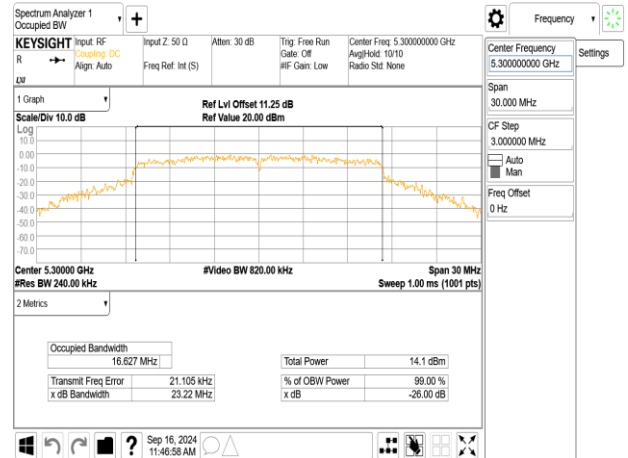
802.11a_20MHz_ChainA_5260MHz



802.11a_20MHz_ChainA_5220MHz



802.11a_20MHz_ChainA_5300MHz



802.11a_20MHz_ChainA_5240MHz



802.11a_20MHz_ChainA_5320MHz

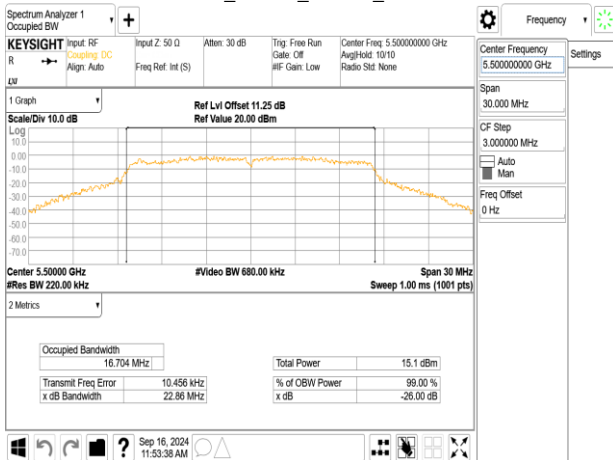


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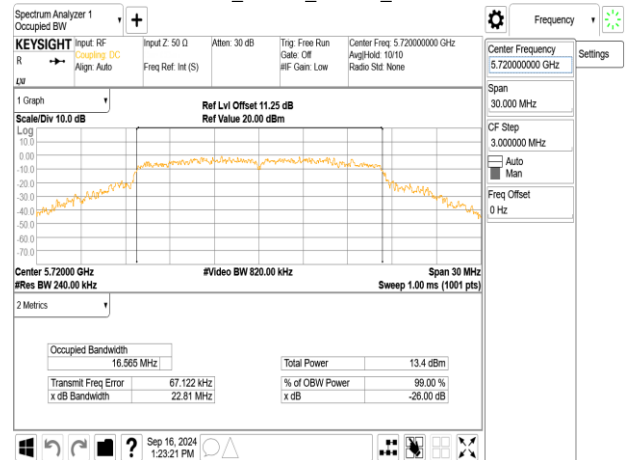
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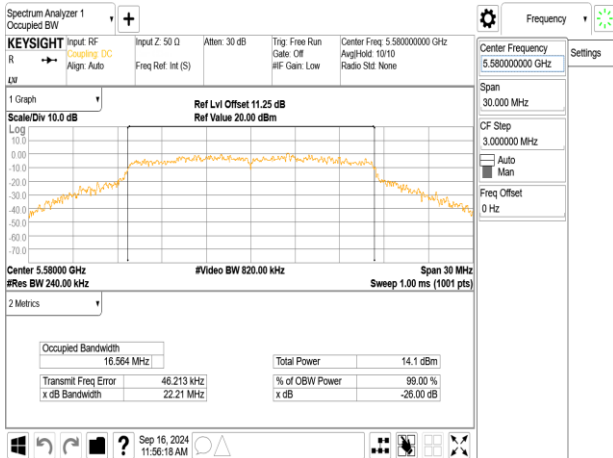
802.11a_20MHz_ChainA_5500MHz



802.11a_20MHz_ChainA_5720MHz



802.11a_20MHz_ChainA_5580MHz



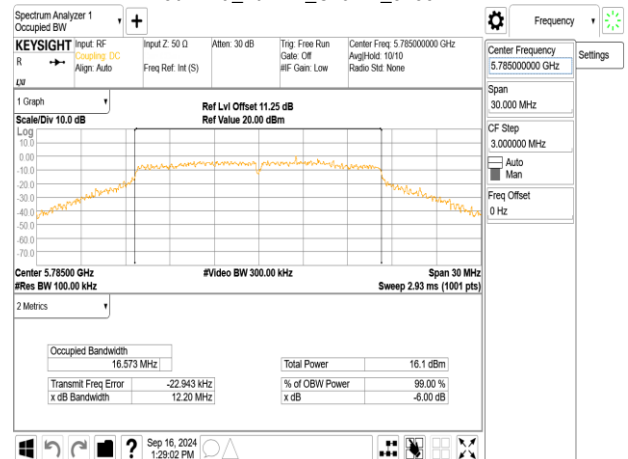
802.11a_20MHz_ChainA_5745MHz



802.11a_20MHz_ChainA_5700MHz



802.11a_20MHz_ChainA_5785MHz

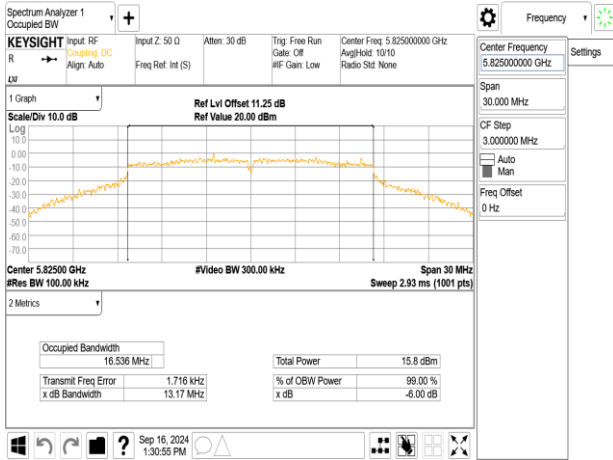


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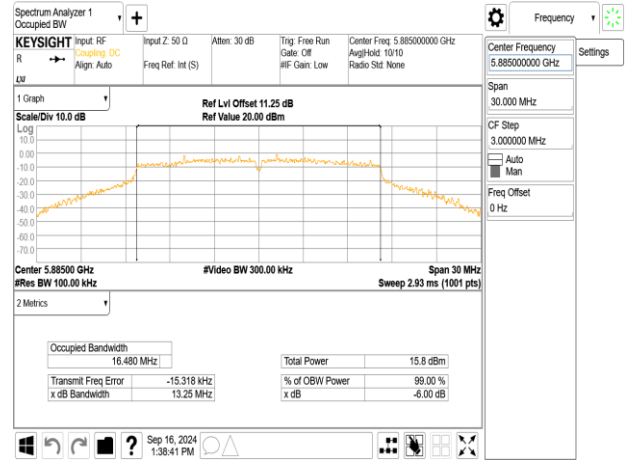
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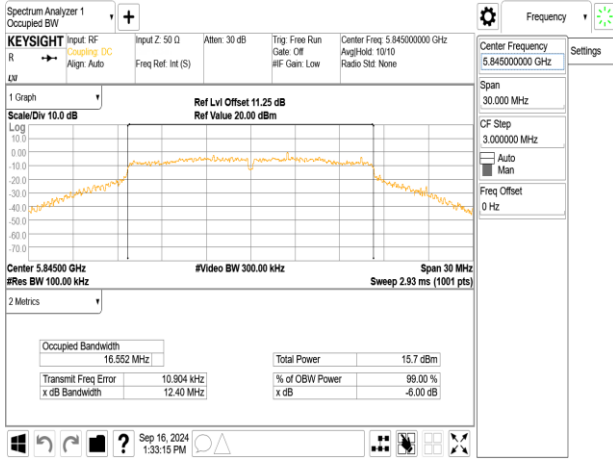
802.11a_20MHz_ChainA_5825MHz



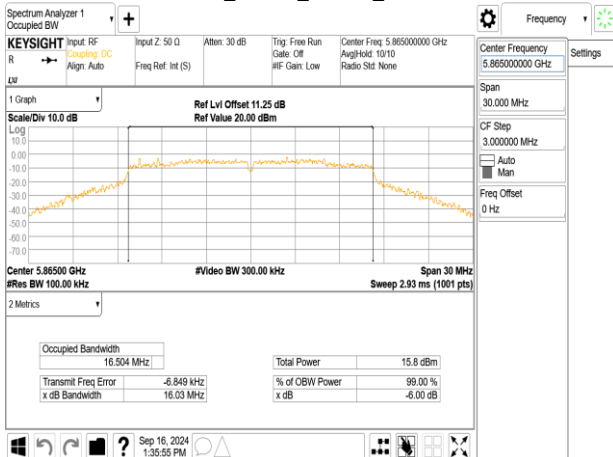
802.11a_20MHz_ChainA_5885MHz



802.11a_20MHz_ChainA_5845MHz



802.11a_20MHz_ChainA_5865MHz



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Mode: Chain B

802.11a_ChB

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5180	22.62	13.540
5220	24.01	13.800
5240	23.32	13.680
5260	23.70	13.750
5300	21.52	13.330
5320	21.68	13.360
5500	22.37	13.500
5580	23.56	13.720
5700	22.34	13.490
5720(U-NII 2C)	16.98	12.300
5720(U-NII 3)	6.98	8.440

802.11a_ChB

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5745	11.58	10.640
5785	14.04	11.470
5825	12.96	11.130
5845(U-NII 3)	12.03	10.800
5845(U-NII 4)	2.03	3.070
5865	15.08	11.780
5885	16.39	12.150

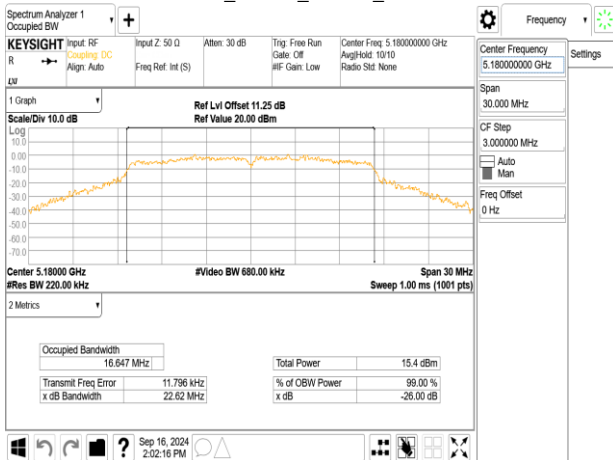
802.11a_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5248.33	< 5250
5745	5736.75	> 5725

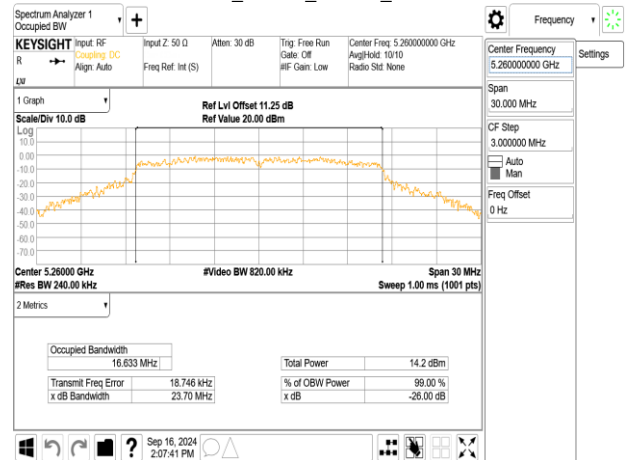
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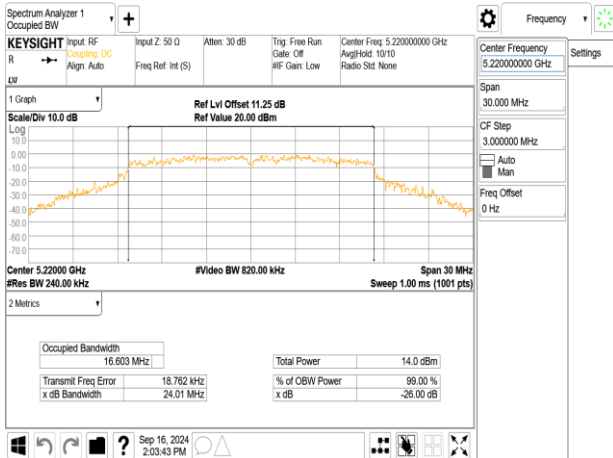
802.11a_20MHz_ChainB_5180MHz



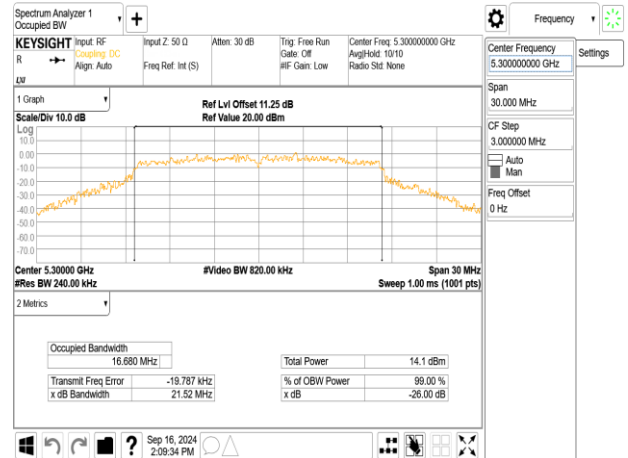
802.11a_20MHz_ChainB_5260MHz



802.11a_20MHz_ChainB_5220MHz



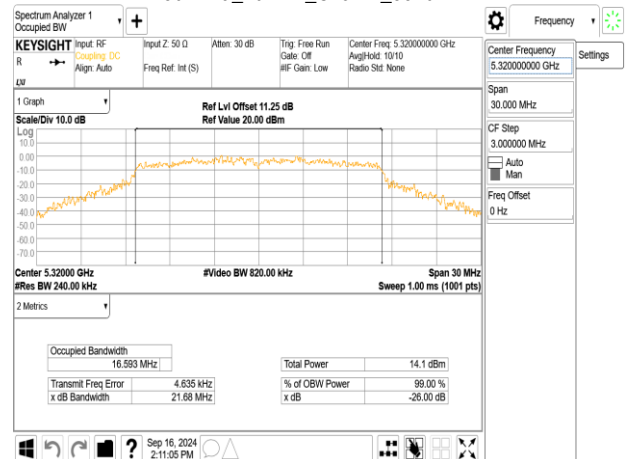
802.11a_20MHz_ChainB_5300MHz



802.11a_20MHz_ChainB_5240MHz



802.11a_20MHz_ChainB_5320MHz

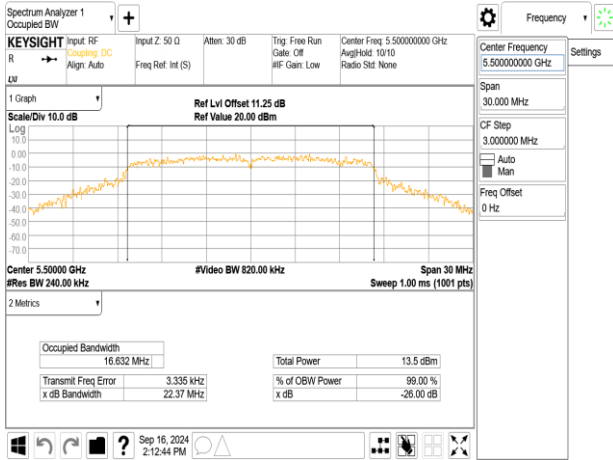


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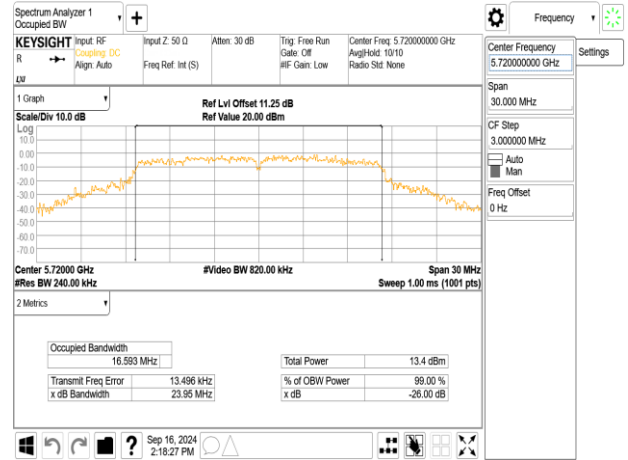
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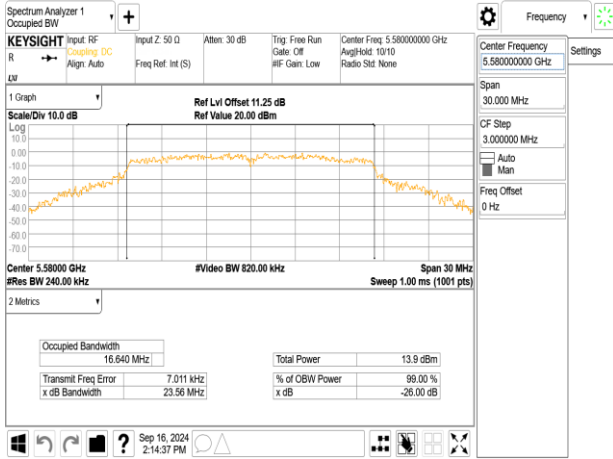
802.11a_20MHz_ChainB_5500MHz



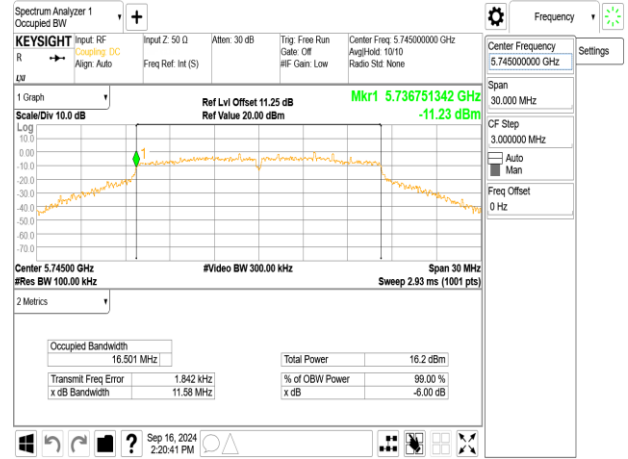
802.11a_20MHz_ChainB_5720MHz



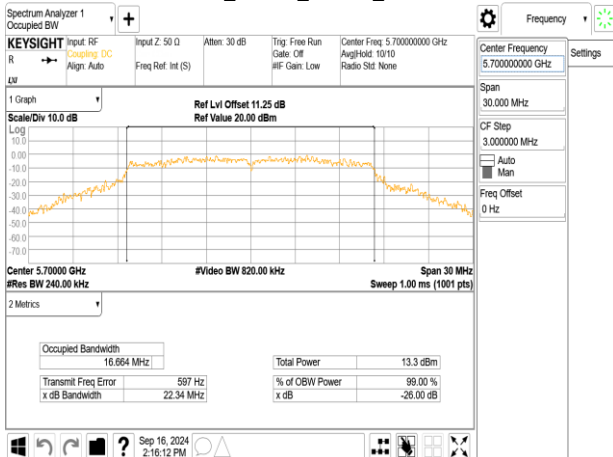
802.11a_20MHz_ChainB_5580MHz



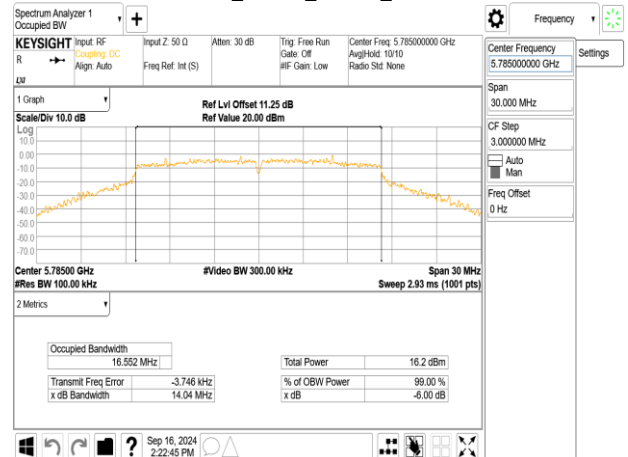
802.11a_20MHz_ChainB_5745MHz



802.11a_20MHz_ChainB_5700MHz



802.11a_20MHz_ChainB_5785MHz

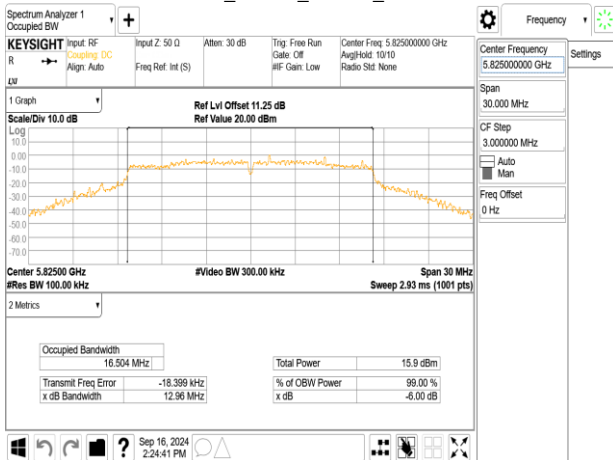


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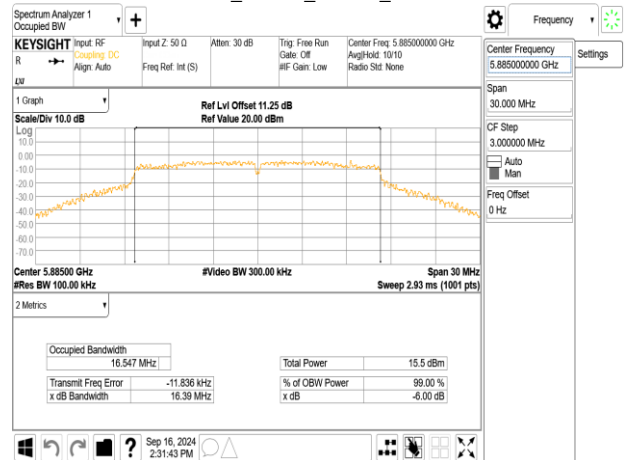
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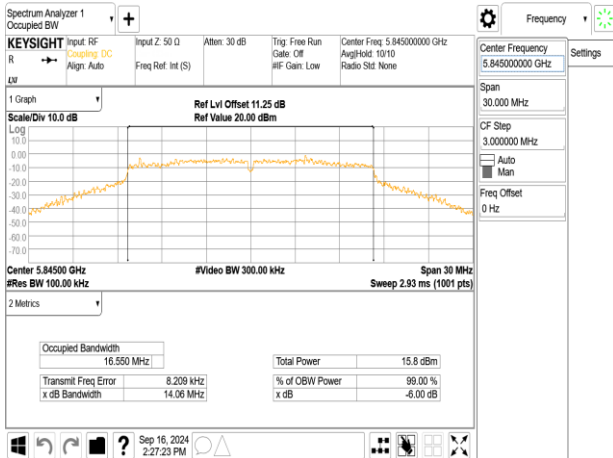
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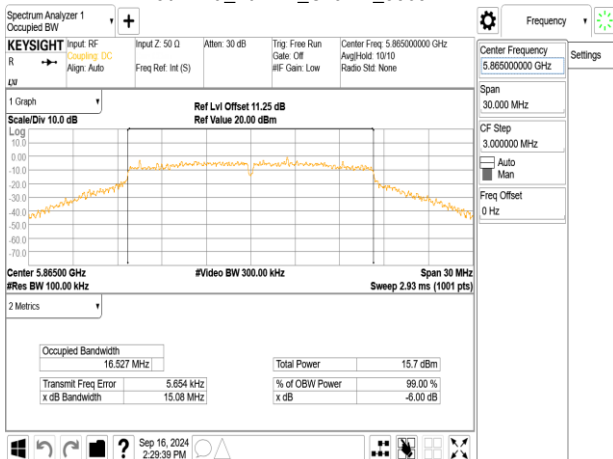
802.11a_20MHz_ChainB_5885MHz



802.11a_20MHz_ChainB_5845MHz



802.11a_20MHz_ChainB_5865MHz



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Mode: Chain A + Chain B

802.11n_HT20_ChA

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5180	23.00	13.620
5220	24.41	13.880
5240	24.72	13.930
5260	23.81	13.770
5300	22.93	13.600
5320	23.46	13.700
5500	23.76	13.760
5580	22.16	13.460
5700	22.77	13.570
5720(U-NII 2C)	16.94	12.290
5720(U-NII 3)	6.94	8.420

802.11n_HT20_ChA

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5745	16.61	12.200
5785	11.67	10.670
5825	16.54	12.190
5845(U-NII 3)	13.81	11.400
5845(U-NII 4)	3.81	5.810
5865	17.63	12.460
5885	16.07	12.060

802.11n_HT20_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5248.89	< 5250
5745	5736.14	> 5725

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802.11n_HT20_ChB

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5180	22.96	13.610
5220	21.62	13.350
5240	23.35	13.680
5260	23.72	13.750
5300	23.16	13.650
5320	22.45	13.510
5500	23.39	13.690
5580	24.15	13.830
5700	22.54	13.530
5720(U-NII 2C)	16.85	12.260
5720(U-NII 3)	6.85	8.350

802.11n_HT20_ChB

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5745	17.19	12.350
5785	13.73	11.380
5825	17.19	12.350
5845(U-NII 3)	13.84	11.410
5845(U-NII 4)	3.84	5.840
5865	17.60	12.460
5885	17.63	12.460

802.11n_HT20_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5248.83	< 5250
5745	5736.14	> 5725

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802.11n_HT40_ChA

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5190	41.84	16.220
5230	42.53	16.290
5270	41.80	16.210
5310	42.28	16.260
5510	43.08	16.340
5550	42.34	16.270
5670	42.54	16.290
5710(U-NII 2C)	36.48	15.620
5710(U-NII 3)	6.48	8.120

802.11n_HT40_ChA

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5755	35.85	15.540
5795	31.68	15.010
5835(U-NII 3)	33.48	15.250
5835(U-NII 4)	3.48	5.420
5875	33.13	15.200

802.11n_HT40_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5248.01	< 5250
5755	5736.98	> 5725

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802.11n_HT40_ChB

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5190	42.45	16.280
5230	41.88	16.220
5270	42.99	16.330
5310	42.21	16.250
5510	42.31	16.260
5550	42.14	16.250
5670	41.74	16.210
5710(U-NII 2C)	36.67	15.640
5710(U-NII 3)	6.67	8.240

802.11n_HT40_ChB

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5755	26.96	14.310
5795	36.35	15.610
5835(U-NII 3)	33.59	15.260
5835(U-NII 4)	3.59	5.540
5875	26.12	14.170

802.11n_HT40_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5247.98	< 5250
5755	5736.97	> 5725

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802.11ac_VHT80_ChA

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5210	84.29	19.260
5290	84.20	19.250
5530	83.73	19.230
5610	86.31	19.360
5690(U-NII 2C)	76.67	18.850
5690(U-NII 3)	6.67	8.240

802.11ac_VHT80_ChA

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5775	61.96	17.920
5855(U-NII 3)	22.24	13.470
5855(U-NII 4)	32.24	15.080

802.11ac_VHT80_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5247.62	< 5250
5775	5737.37	> 5725

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802.11ac_VHT80_ChB

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5210	83.00	19.190
5290	82.62	19.170
5530	83.86	19.240
5610	85.41	19.320
5690(U-NII 2C)	76.69	18.850
5690(U-NII 3)	6.69	8.250

802.11ac_VHT80_ChB

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5775	75.11	18.760
5855(U-NII 3)	32.50	15.120
5855(U-NII 4)	42.50	16.280

802.11ac_VHT80_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5247.51	< 5250
5775	5737.41	> 5725

802.11ac_VHT160_ChA

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5250	163.1	22.120
5570	163.3	22.130

802.11ac_VHT160_ChA

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5815(U-NII 3)	108.3	20.350
5815(U-NII 4)	38.3	15.830

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802.11ac_VHT160_ChB

Freq. (MHz)	26dB BW (MHz)	10 Log (B) (dB)
5250	163.2	22.130
5570	162.9	22.120

802.11ac_VHT160_ChB

Freq. (MHz)	6dB BW (MHz)	10 Log (B) (dB)
5815(U-NII 3)	107.1	20.300
5815(U-NII 4)	37.1	15.690

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802.11ax_HE20_ChA

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5180	full	23.42	13.700
5180	26/0	19.64	12.930
5180	52/37	19.35	12.870
5180	106/53	19.96	13.000
5220	full	23.43	13.700
5240	full	22.29	13.480
5260	full	22.87	13.590
5300	full	23.92	13.790
5320	full	23.18	13.650
5320	26/8	19.96	13.000
5320	52/40	19.03	12.790
5320	106/54	18.93	12.770
5500	full	22.12	13.450
5500	26/0	19.67	12.940
5500	52/37	18.67	12.710
5500	106/53	20.29	13.070
5580	full	22.13	13.450
5700	full	22.53	13.530
5700	26/8	18.78	12.740
5700	52/40	19.73	12.950
5700	106/54	19.93	13.000
5720 (U-NII 2C)	full	16.26	12.110
5720 (U-NII 3)	full	6.26	7.970

802.11ax_HE20_ChA

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5745	full	16.30	12.120
5745	26/0	2.05	3.110
5745	52/37	4.03	6.050
5745	106/53	8.32	9.200
5785	full	18.47	12.660
5825	full	15.01	11.760
5825	26/8	2.04	3.090
5825	52/40	4.11	6.140
5825	106/54	17.07	12.320
5845 (U-NII 3)	full	14.09	11.490
5845 (U-NII 4)	full	4.09	6.120
5865	full	17.18	12.350
5865	26/0	2.05	3.120
5865	52/37	4.06	6.080
5865	106/53	8.13	9.100
5885	full	14.92	11.740
5885	26/8	2.05	3.110
5885	52/40	4.05	6.070
5885	106/54	8.24	9.160

802.11ax_HE20_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5249.42	< 5250
5745	5735.53	> 5725

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802.11ax_HE20_ChB

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5180	full	22.09	13.440
5180	26/0	19.47	12.890
5180	52/37	18.23	12.610
5180	106/53	18.53	12.680
5220	full	22.69	13.560
5240	full	23.40	13.690
5260	full	22.57	13.540
5300	full	22.72	13.560
5320	full	23.14	13.640
5320	26/8	19.74	12.950
5320	52/40	19.32	12.860
5320	106/54	20.29	13.070
5500	full	23.75	13.760
5500	26/0	17.85	12.520
5500	52/37	19.65	12.930
5500	106/53	18.76	12.730
5580	full	23.51	13.710
5700	full	20.89	13.200
5700	26/8	18.53	12.680
5700	52/40	19.87	12.980
5700	106/54	19.55	12.910
5720 (U-NII 2C)	full	15.94	12.030
5720 (U-NII 3)	full	5.94	7.740

802.11ax_HE20_ChB

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5745	full	16.91	12.280
5745	26/0	2.12	3.250
5745	52/37	4.05	6.070
5745	106/53	8.32	9.200
5785	full	18.67	12.710
5825	full	16.70	12.230
5825	26/8	2.10	3.210
5825	52/40	3.95	5.960
5825	106/54	16.46	12.160
5845 (U-NII 3)	full	13.79	11.400
5845 (U-NII 4)	full	3.79	5.790
5865	full	11.04	10.430
5865	26/0	2.01	3.040
5865	52/37	4.06	6.080
5865	106/53	8.22	9.150
5885	full	18.32	12.630
5885	26/8	2.08	3.180
5885	52/40	3.96	5.970
5885	106/54	8.21	9.140

802.11ax_HE20_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5249.40	< 5250
5745	5735.54	> 5725

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802.11ax_HE40_ChA

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5190	full	43.15	16.350
5190	242/61	20.22	13.060
5230	full	41.50	16.180
5270	full	42.23	16.260
5310	full	41.25	16.150
5310	242/62	20.20	13.050
5510	full	40.92	16.120
5510	242/61	20.13	13.040
5550	full	41.44	16.170
5670	full	42.86	16.320
5670	242/62	20.58	13.130
5710 (U-NII 2C)	full	36.48	15.620
5710 (U-NII 3)	full	6.48	8.120

802.11ax_HE40_ChA

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5755	full	34.20	15.340
5755	242/61	18.17	12.590
5795	full	36.80	15.660
5795	242/62	18.77	12.730
5835 (U-NII 3)	full	33.02	15.190
5835 (U-NII 4)	full	3.02	4.810
5875	full	36.99	15.680
5875	242/61	17.71	12.480
5875	242/62	17.93	12.540

802.11ax_HE40_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5248.81	< 5250
5755	5736.27	> 5725

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802.11ax_HE40_ChB

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5190	full	42.62	16.300
5190	242/61	20.26	13.070
5230	full	41.37	16.170
5270	full	42.70	16.300
5310	full	41.08	16.140
5310	242/62	19.89	12.990
5510	full	40.78	16.100
5510	242/61	20.28	13.070
5550	full	42.10	16.240
5670	full	42.25	16.260
5670	242/62	20.33	13.080
5710 (U-NII 2C)	full	35.88	15.550
5710 (U-NII 3)	full	5.88	7.690

802.11ax_HE40_ChB

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5755	full	33.81	15.290
5755	242/61	17.75	12.490
5795	full	33.86	15.300
5795	242/62	18.75	12.730
5835 (U-NII 3)	full	31.93	15.040
5835 (U-NII 4)	full	1.93	2.860
5875	full	32.29	15.090
5875	242/61	18.42	12.650
5875	242/62	18.54	12.680

802.11ax_HE40_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5248.71	< 5250
5755	5736.28	> 5725

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802.11ax_HE80_ChA

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5210	full	82.60	19.170
5210	484/65	38.94	15.900
5290	full	81.53	19.110
5290	484/66	39.43	15.960
5530	full	82.12	19.140
5530	484/65	39.36	15.950
5610	full	82.91	19.190
5610	484/66	39.62	15.980
5690 (U-NII 2C)	full	75.59	18.780
5690 (U-NII 3)	full	5.59	7.470

802.11ax_HE80_ChA

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5775	full	69.05	18.390
5775	484/65	36.65	15.640
5775	484/66	35.27	15.470
5855 (U-NII 3)	full	32.06	15.060
5855 (U-NII 4)	full	42.06	16.240

802.11ax_HE80_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5248.38	< 5250
5775	5736.73	> 5725

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802.11ax_HE80_ChB

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5210	full	84.06	19.250
5210	484/65	39.20	15.930
5290	full	82.85	19.180
5290	484/66	39.27	15.940
5530	full	82.04	19.140
5530	484/65	38.76	15.880
5610	full	83.18	19.200
5610	484/66	39.88	16.010
5690 (U-NII 2C)	full	75.81	18.800
5690 (U-NII 3)	full	5.81	7.640

802.11ax_HE80_ChB

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5775	full	63.82	18.050
5775	484/65	35.66	15.520
5775	484/66	37.41	15.730
5855 (U-NII 3)	full	32.64	15.140
5855 (U-NII 4)	full	42.64	16.300

802.11ax_HE80_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5248.19	< 5250
5775	5736.61	> 5725

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802.11ax_HE160_ChA

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5250	full	163.30	22.130
5250	996/67	80.47	19.060
5250	996/S67	80.01	19.030
5570	full	163.70	22.140
5570	996/67	80.84	19.080
5570	996/S67	80.44	19.050

802.11ax_HE160_ChA

Freq. (MHz)		6dB BW (MHz)	10 Log (B) (dB)
5815 (U-NII 3)	full	109.0	20.370
5815 (U-NII 4)	full	39.0	15.910

802.11ax_HE160_ChB

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5250	full	163.50	22.140
5250	996/67	80.41	19.050
5250	996/S67	80.23	19.040
5570	full	163.80	22.140
5570	996/67	80.47	19.060
5570	996/S67	81.30	19.100

802.11ax_HE160_ChB

Freq. (MHz)		6dB BW (MHz)	10 Log (B) (dB)
5815 (U-NII 3)	full	106.6	20.280
5815 (U-NII 4)	full	36.6	15.640

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802.11be EHT20_ChA

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5180	full	22.06	13.440
5180	26/0	18.73	12.730
5180	52/37	19.39	12.880
5180	106/53	18.82	12.750
5180	52+26 MRU1	18.63	12.700
5180	106+26 MRU1	21.01	13.220
5220	full	23.07	13.630
5240	full	22.88	13.590
5260	full	23.45	13.700
5300	full	23.02	13.620
5320	full	21.35	13.290
5320	26/8	19.06	12.800
5320	52/40	18.59	12.690
5320	106/54	19.02	12.790
5320	52+26 MRU3	18.86	12.760
5320	106+26 MRU2	19.68	12.940
5500	full	21.95	13.410
5500	26/0	18.37	12.640
5500	52/37	18.74	12.730
5500	106/53	18.68	12.710
5500	52+26 MRU1	15.88	12.010
5500	106+26 MRU1	21.05	13.230
5580	full	22.99	13.620
5700	full	22.93	13.600
5700	26/8	19.80	12.970
5700	52/40	19.97	13.000
5700	106/54	19.23	12.840
5700	52+26 MRU3	16.98	12.300
5700	106+26 MRU2	20.90	13.200
5720 (U-NII 2C)	full	16.06	12.060
5720 (U-NII 3)	full	6.06	7.820

802.11be EHT20_ChA

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5745	full	16.74	12.240
5745	26/0	2.01	3.040
5745	52/37	4.02	6.040
5745	106/53	8.23	9.150
5745	52+26 MRU1	6.16	7.900
5745	106+26 MRU1	10.80	10.330
5785	full	18.49	12.670
5825	full	18.21	12.600
5825	26/8	1.99	2.990
5825	52/40	4.03	6.060
5825	106/54	8.21	9.140
5825	52+26 MRU3	6.17	7.900
5825	106+26 MRU2	10.79	10.330
5845 (U-NII 3)	full	13.31	11.240
5845 (U-NII 4)	full	3.31	5.200
5865	full	14.91	11.730
5865	26/0	2.00	3.000
5865	52/37	3.98	6.000
5865	106/53	8.20	9.140
5865	52+26 MRU1	6.22	7.940
5865	106+26 MRU1	10.81	10.340
5885	full	18.17	12.590
5885	26/8	2.03	3.060
5885	52/40	4.53	6.560
5885	106/54	8.26	9.170
5885	52+26 MRU3	6.19	7.910
5885	106+26 MRU2	10.85	10.350

802.11be EHT20_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5249.46	< 5250
5745	5735.53	> 5725

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802.11be_EHT20_ChB

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5180	full	22.85	13.590
5180	26/0	19.75	12.960
5180	52/37	18.06	12.570
5180	106/53	17.51	12.430
5180	52+26 MRU1	17.90	12.530
5180	106+26 MRU1	22.15	13.450
5220	full	22.15	13.450
5240	full	22.70	13.560
5260	full	22.48	13.520
5300	full	22.41	13.500
5320	full	22.69	13.560
5320	26/8	18.42	12.650
5320	52/40	19.60	12.920
5320	106/54	20.24	13.060
5320	52+26 MRU3	17.60	12.460
5320	106+26 MRU2	19.69	12.940
5500	full	23.76	13.760
5500	26/0	18.32	12.630
5500	52/37	18.99	12.790
5500	106/53	18.46	12.660
5500	52+26 MRU1	16.36	12.140
5500	106+26 MRU1	20.13	13.040
5580	full	22.18	13.460
5700	full	22.87	13.590
5700	26/8	19.32	12.860
5700	52/40	19.92	12.990
5700	106/54	19.72	12.950
5700	52+26 MRU3	17.99	12.550
5700	106+26 MRU2	19.85	12.980
5720 (U-NII 2C)	full	16.39	12.140
5720 (U-NII 3)	full	6.39	8.050

802.11be_EHT20_ChB

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5745	full	17.08	12.320
5745	26/0	2.15	3.320
5745	52/37	4.00	6.020
5745	106/53	8.13	9.100
5745	52+26 MRU1	6.16	7.890
5745	106+26 MRU1	10.83	10.350
5785	full	17.85	12.520
5825	full	18.22	12.610
5825	26/8	2.01	3.030
5825	52/40	4.51	6.540
5825	106/54	8.30	9.190
5825	52+26 MRU3	6.26	7.960
5825	106+26 MRU2	10.89	10.370
5845 (U-NII 3)	full	11.35	10.550
5845 (U-NII 4)	full	1.35	1.320
5865	full	14.63	11.650
5865	26/0	2.07	3.160
5865	52/37	4.04	6.060
5865	106/53	8.22	9.150
5865	52+26 MRU1	6.09	7.850
5865	106+26 MRU1	10.88	10.370
5885	full	12.36	10.920
5885	26/8	2.07	3.160
5885	52/40	4.12	6.150
5885	106/54	8.33	9.200
5885	52+26 MRU3	6.15	7.890
5885	106+26 MRU2	10.76	10.320

802.11be_EHT20_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5240	5249.44	< 5250
5745	5735.51	> 5725

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802.11be_EHT40_ChA

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5190	full	41.41	16.170
5190	242/61	19.79	12.960
5230	full	41.73	16.200
5270	full	40.99	16.130
5310	full	42.09	16.240
5310	242/62	20.81	13.180
5510	full	41.17	16.150
5510	242/61	20.47	13.110
5550	full	42.32	16.270
5670	full	41.90	16.220
5670	242/62	20.13	13.040
5710 (U-NII 2C)	full	35.77	15.530
5710 (U-NII 3)	full	5.77	7.610

802.11be_EHT40_ChA

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5755	full	35.78	15.540
5755	242/61	18.07	12.570
5795	full	37.14	15.700
5795	242/62	15.33	11.860
5835 (U-NII 3)	full	32.80	15.160
5835 (U-NII 4)	full	2.80	4.470
5875	full	36.00	15.560
5875	242/61	17.13	12.340
5875	242/62	18.28	12.620

802.11be_EHT40_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5248.71	< 5250
5755	5736.25	> 5725

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802.11be_EHT40_ChB

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5190	full	42.73	16.310
5190	242/61	19.66	12.940
5230	full	40.87	16.110
5270	full	42.62	16.300
5310	full	42.19	16.250
5310	242/62	20.11	13.030
5510	full	41.73	16.200
5510	242/61	20.29	13.070
5550	full	42.30	16.260
5670	full	42.31	16.260
5670	242/62	20.10	13.030
5710 (U-NII 2C)	full	35.67	15.520
5710 (U-NII 3)	full	5.66	7.530

802.11be_EHT40_ChB

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5755	full	30.10	14.790
5755	242/61	18.38	12.640
5795	full	36.14	15.580
5795	242/62	18.01	12.560
5835 (U-NII 3)	full	31.90	15.040
5835 (U-NII 4)	full	1.90	2.800
5875	full	32.62	15.130
5875	242/61	18.08	12.570
5875	242/62	17.33	12.390

802.11be_EHT40_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5230	5248.72	< 5250
5755	5736.23	> 5725

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802.11be_EHT80_ChA

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5210	full	82.15	19.150
5210	484/65	40.25	16.050
5210	484+242 MRU4	63.77	18.050
5290	full	82.27	19.150
5290	484/66	39.92	16.010
5290	484+242 MRU1	69.26	18.400
5530	full	82.53	19.170
5530	484/65	39.37	15.950
5530	484+242 MRU4	62.70	17.970
5610	full	83.29	19.210
5610	484/66	39.73	15.990
5610	484+242 MRU1	74.01	18.690
5690 (U-NII 2C)	full	76.28	18.820
5690 (U-NII 3)	full	6.28	7.980

802.11be_EHT80_ChA

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5775	full	73.76	18.680
5775	484/65	36.08	15.570
5775	484/66	36.51	15.620
5775	484+242 MRU1	58.83	17.700
5775	484+242 MRU4	58.87	17.700
5855 (U-NII 3)	full	33.10	15.200
5855 (U-NII 4)	full	43.10	16.340

802.11be_EHT80_ChA

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5248.41	< 5250
5775	5736.64	> 5725

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802.11be_EHT80_ChB

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5210	full	82.07	19.140
5210	484/65	40.01	16.020
5210	484+242 MRU4	65.52	18.160
5290	full	82.01	19.140
5290	484/66	40.12	16.030
5290	484+242 MRU1	71.85	18.560
5530	full	80.59	19.060
5530	484/65	39.31	15.950
5530	484+242 MRU4	62.94	17.990
5610	full	81.65	19.120
5610	484/66	39.95	16.020
5610	484+242 MRU1	75.01	18.750
5690 (U-NII 2C)	full	76.67	18.850
5690 (U-NII 3)	full	6.66	8.240

802.11be_EHT80_ChB

Freq. (MHz)	RU config	6dB BW (MHz)	10 Log (B) (dB)
5775	full	64.09	18.070
5775	484/65	35.02	15.440
5775	484/66	36.05	15.570
5775	484+242 MRU1	58.74	17.690
5775	484+242 MRU4	58.81	17.690
5855 (U-NII 3)	full	30.68	14.870
5855 (U-NII 4)	full	40.68	16.090

802.11be_EHT80_ChB

Freq. (MHz)	Measured Freq. (MHz)	Limit (MHz)
5210	5248.42	< 5250
5775	5736.69	> 5725

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802.11be_EHT160_ChA

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5250	full	162.7	22.110
5250	996/67	80.1	19.040
5250	996/S67	80.8	19.070
5250	996+484 MRU1	122.8	20.890
5250	996+484 MRU2	163.6	22.140
5250	996+484+242 MRU1	145.8	21.640
5250	996+484+242 MRU2	163.9	22.150
5570	full	164.1	22.150
5570	996/67	80.5	19.060
5570	996/S67	80.3	19.050
5570	996+484 MRU3	166.0	22.200
5570	996+484 MRU4	122.8	20.890
5570	996+484+242 MRU7	164.0	22.150
5570	996+484+242 MRU8	145.8	21.640

802.11be_EHT160_ChA

Freq. (MHz)		6dB BW (MHz)	10 Log (B) (dB)
5815 (U-NII 3)	full	111.4	20.470
5815 (U-NII 4)	full	41.4	16.170

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802.11be_EHT160_ChB

Freq. (MHz)	RU config	26dB BW (MHz)	10 Log (B) (dB)
5250	full	163.8	22.140
5250	996/67	80.1	19.030
5250	996/S67	81.1	19.090
5250	996+484 MRU1	123.1	20.900
5250	996+484 MRU2	164.7	22.170
5250	996+484+242 MRU1	146.8	21.670
5250	996+484+242 MRU2	164.4	22.160
5570	full	164.8	22.170
5570	996/67	80.4	19.050
5570	996/S67	79.8	19.020
5570	996+484 MRU3	165.1	22.180
5570	996+484 MRU4	122.7	20.890
5570	996+484+242 MRU7	164.7	22.170
5570	996+484+242 MRU8	146.3	21.650

802.11be_EHT160_ChB

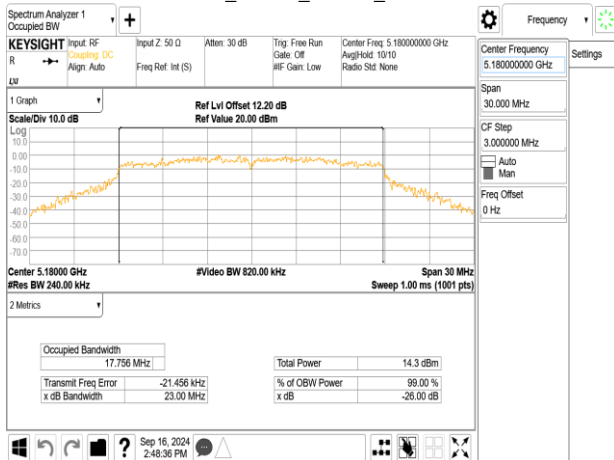
Freq. (MHz)		6dB BW (MHz)	10 Log (B) (dB)
5815 (U-NII 3)	full	109.1	20.380
5815 (U-NII 4)	full	39.1	15.920

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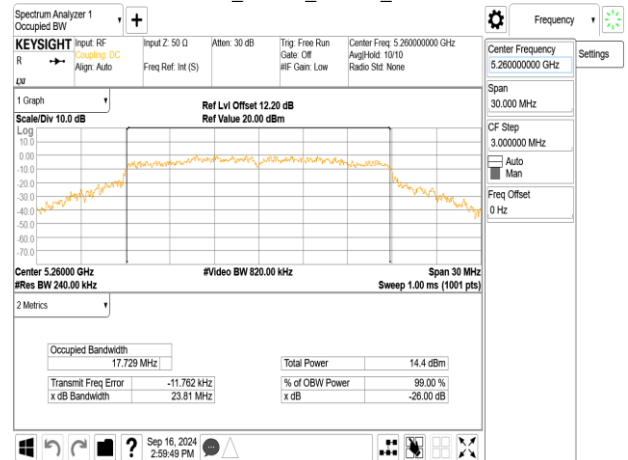
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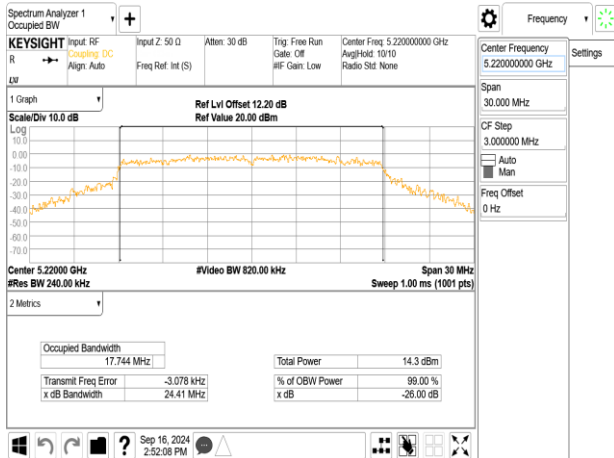
802.11n_20MHz_ChainA_5180MHz



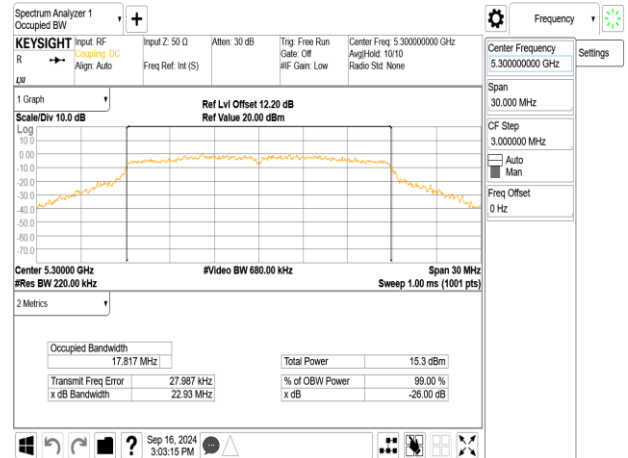
802.11n_20MHz_ChainA_5260MHz



802.11n_20MHz_ChainA_5220MHz



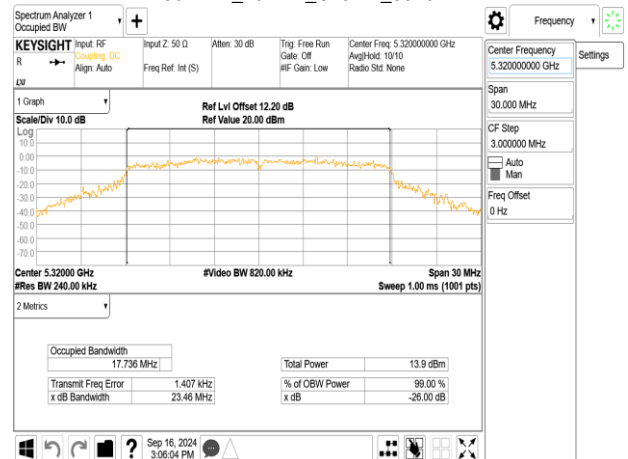
802.11n_20MHz_ChainA_5300MHz



802.11n_20MHz_ChainA_5240MHz



802.11n_20MHz_ChainA_5320MHz

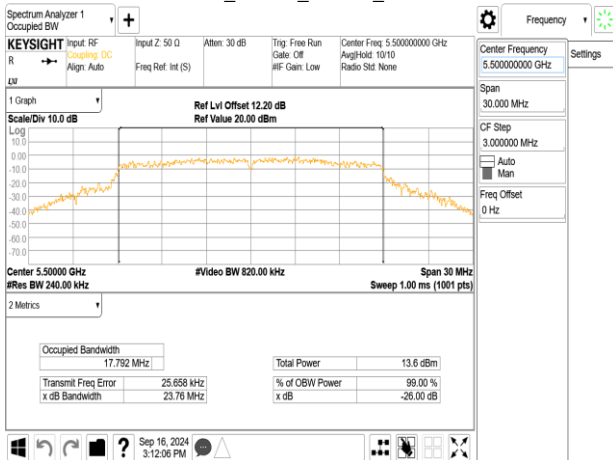


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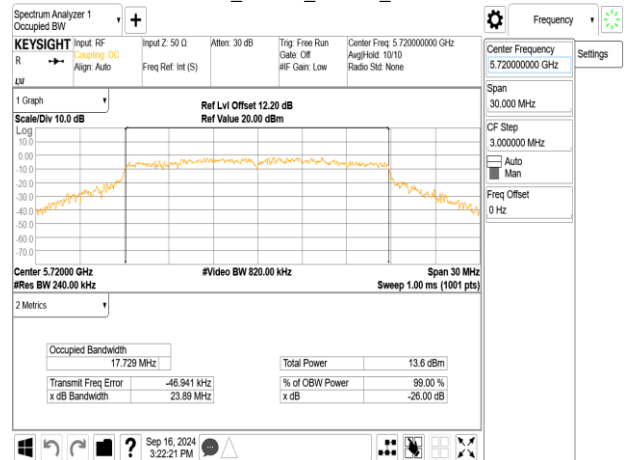
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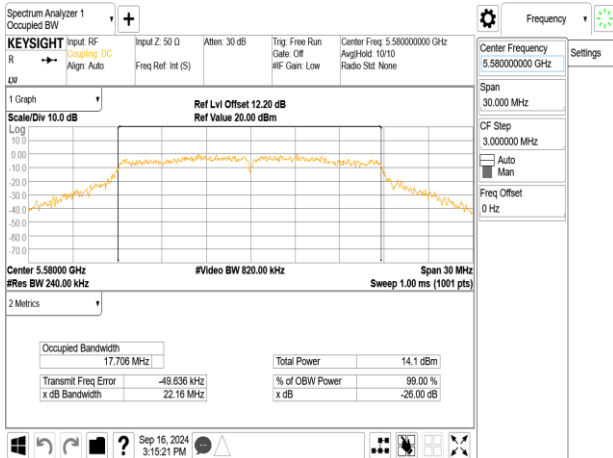
802.11n_20MHz_ChainA_5500MHz



802.11n_20MHz_ChainA_5720MHz



802.11n_20MHz_ChainA_5580MHz



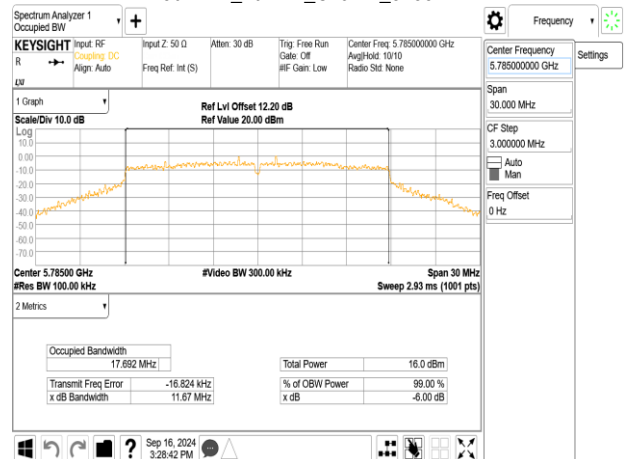
802.11n_20MHz_ChainA_5745MHz



802.11n_20MHz_ChainA_5700MHz



802.11n_20MHz_ChainA_5785MHz

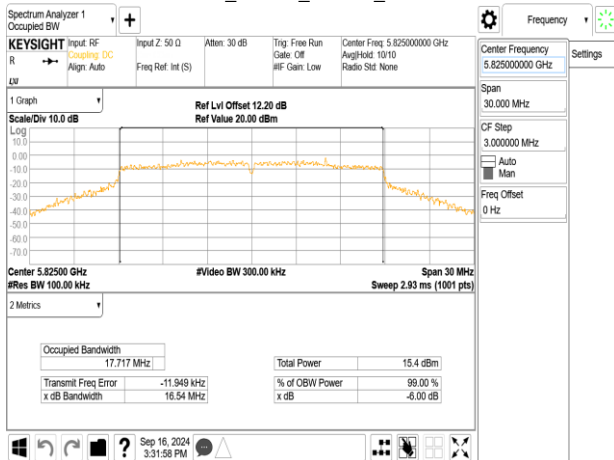


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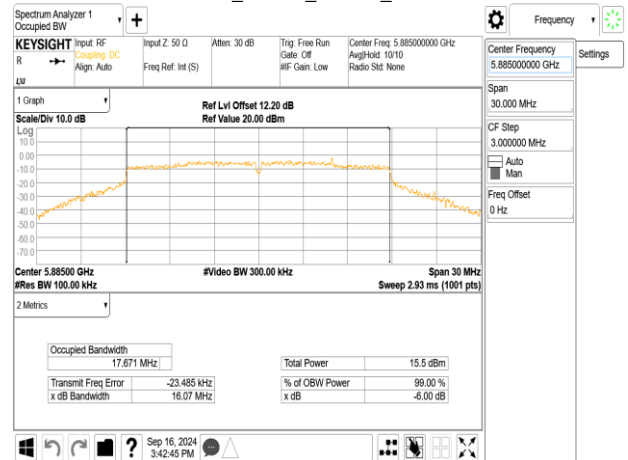
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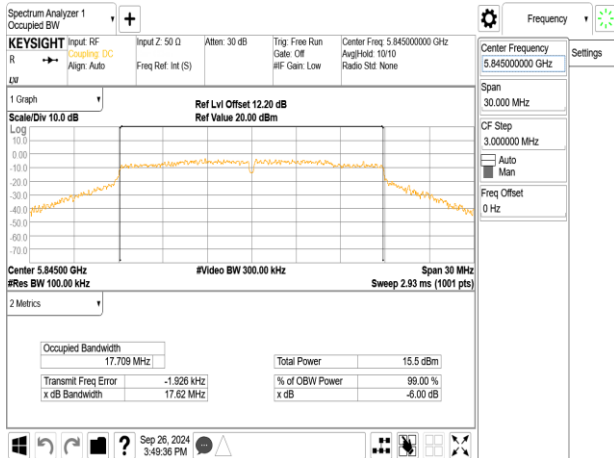
802.11n_20MHz_ChainA_5825MHz



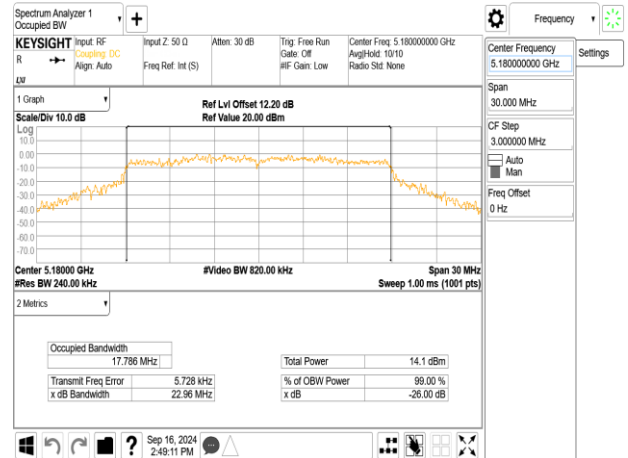
802.11n_20MHz_ChainA_5885MHz



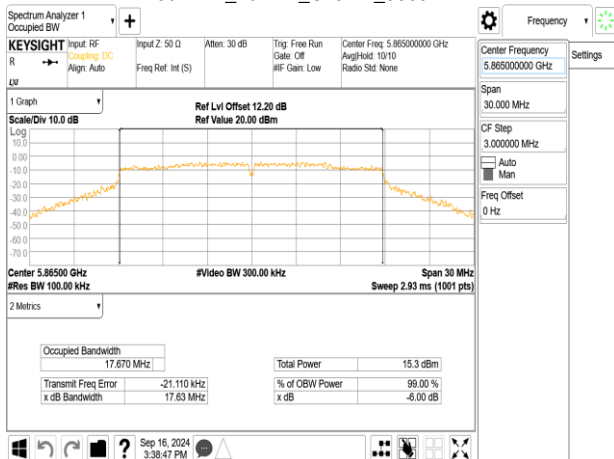
802.11n_20MHz_ChainA_5845MHz



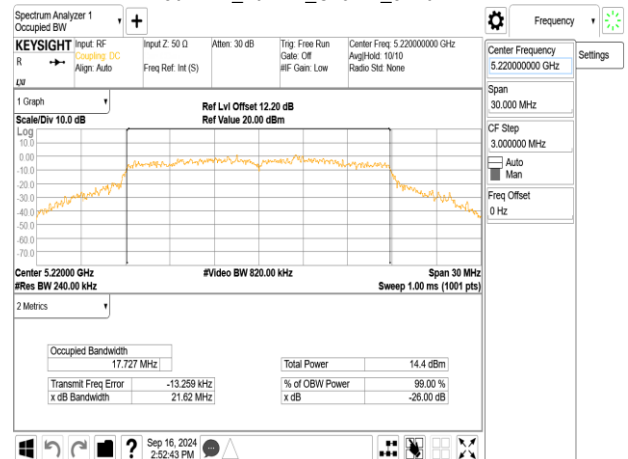
802.11n_20MHz_ChainB_5180MHz



802.11n_20MHz_ChainA_5865MHz



802.11n_20MHz_ChainB_5220MHz



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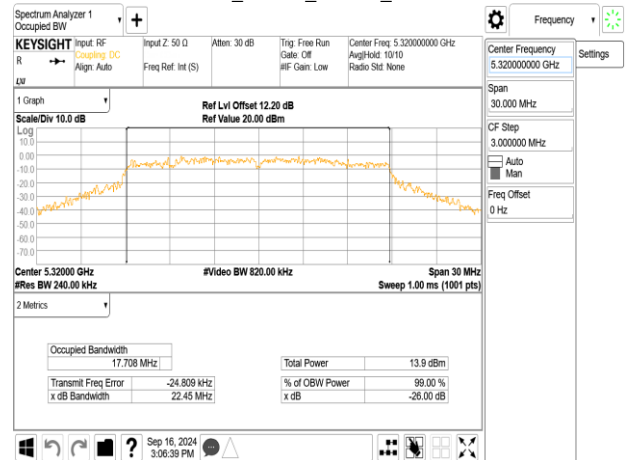
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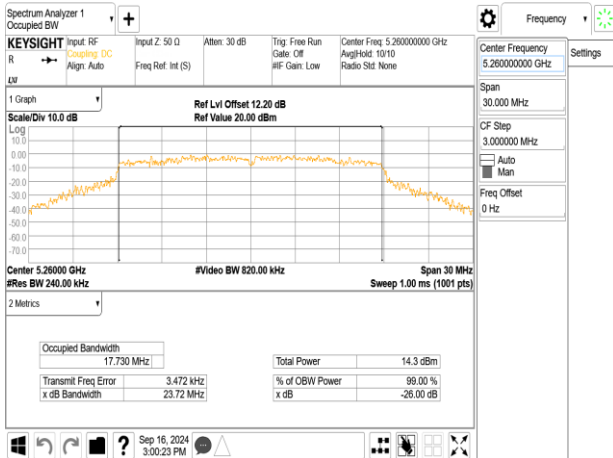
802.11n_20MHz_ChainB_5240MHz



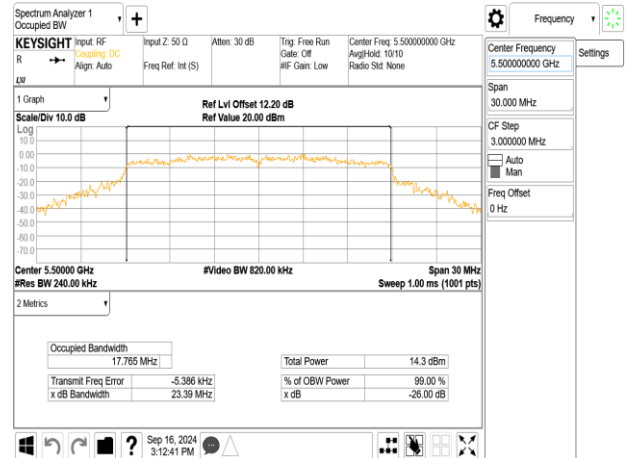
802.11n_20MHz_ChainB_5320MHz



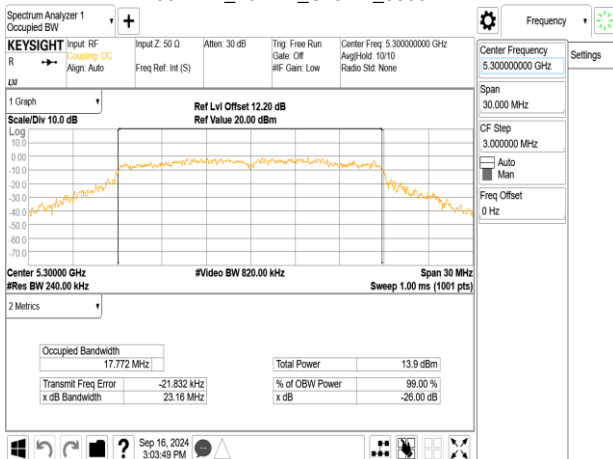
802.11n_20MHz_ChainB_5260MHz



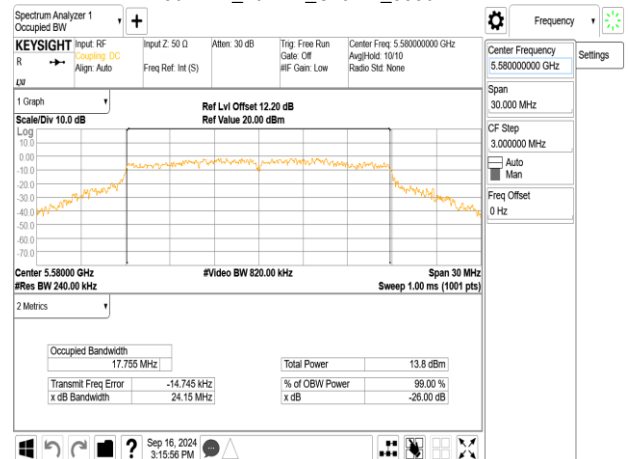
802.11n_20MHz_ChainB_5500MHz



802.11n_20MHz_ChainB_5300MHz



802.11n_20MHz_ChainB_5580MHz

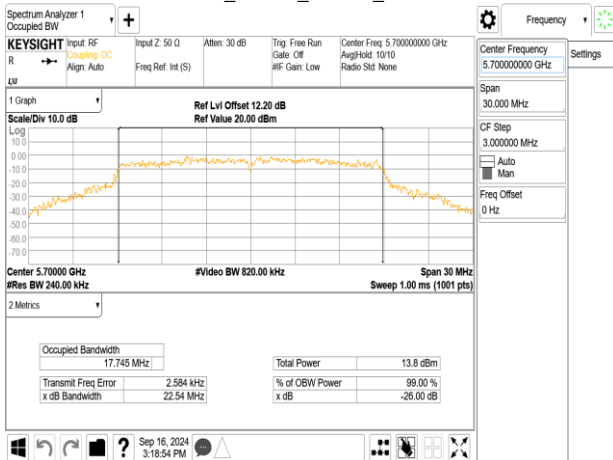


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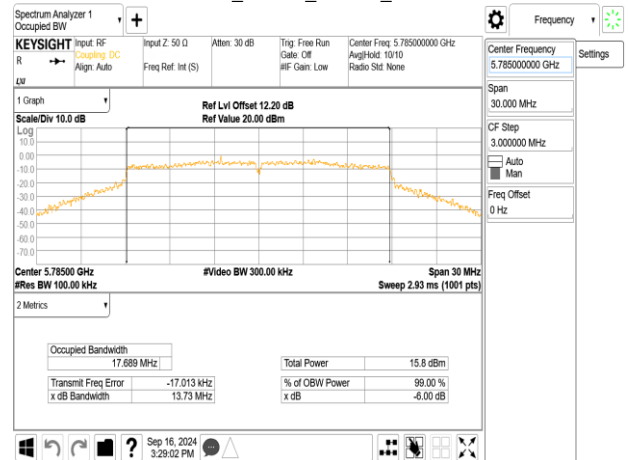
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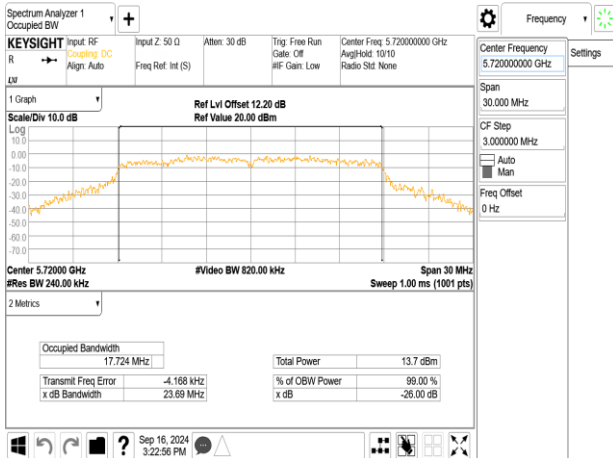
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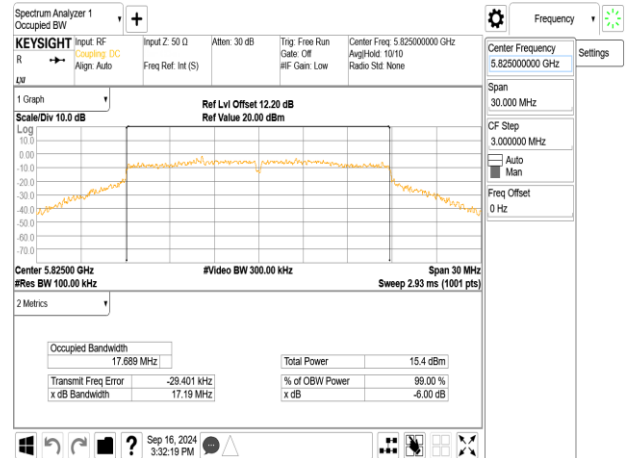
802.11n_20MHz_ChainB_5785MHz



802.11n_20MHz_ChainB_5720MHz



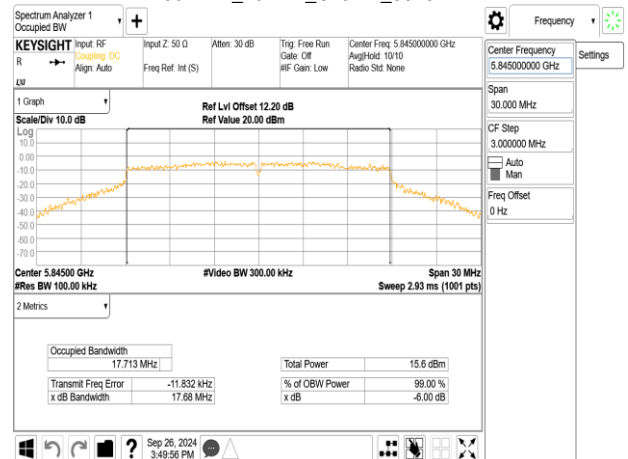
802.11n_20MHz_ChainB_5825MHz



802.11n_20MHz_ChainB_5745MHz



802.11n_20MHz_ChainB_5845MHz

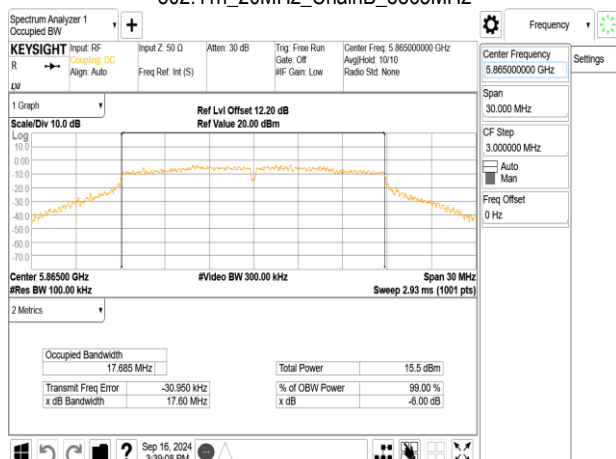


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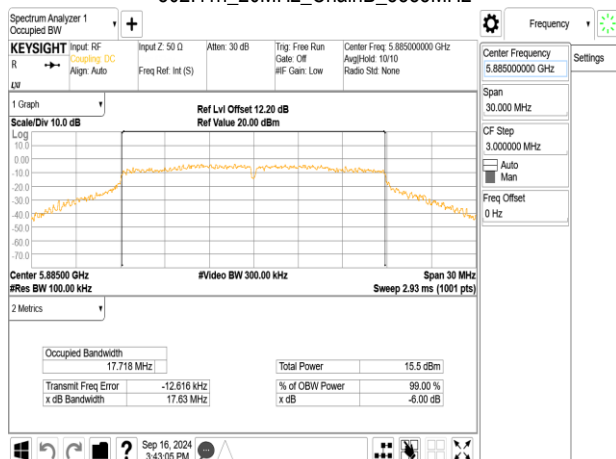
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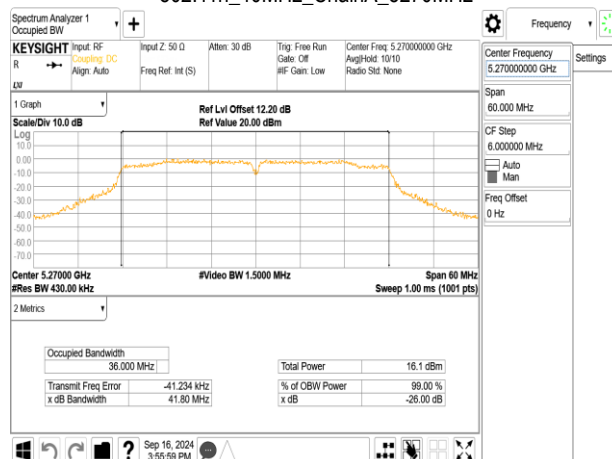
802.11n_40MHz_ChainA_5230MHz



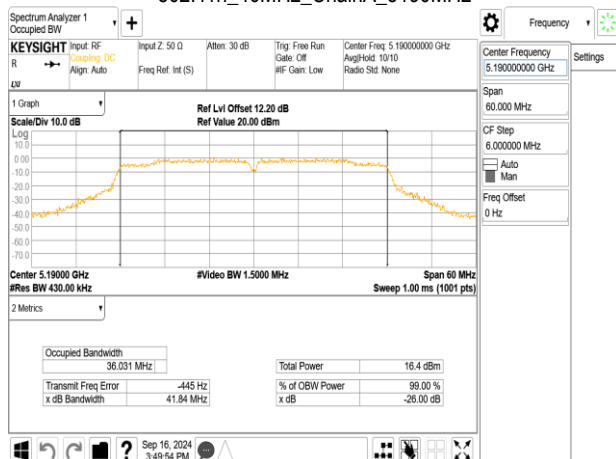
802.11n_20MHz_ChainB_5885MHz



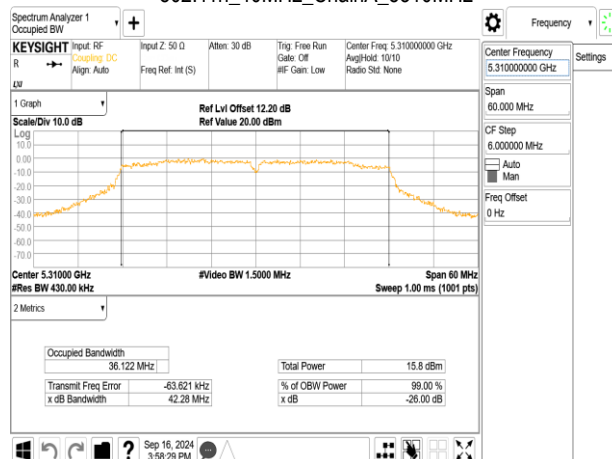
802.11n_40MHz_ChainA_5270MHz



802.11n_40MHz_ChainA_5190MHz



802.11n_40MHz_ChainA_5310MHz



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