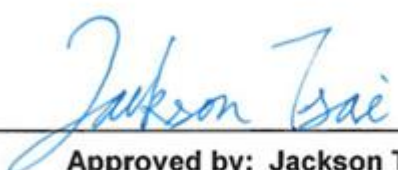


FCC Radio Test Report

FCC ID : UDX-600219010
Equipment : Cisco Wireless 9171I Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9171I
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Apr. 21, 2025, and testing was started from May 15, 2025 and completed on Aug. 13, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.4	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ryan Hsiao

Report Producer: Michelle Tsai



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5260-5320	52-64 [4]
5250-5350	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5270-5310	54-62 [2]
5250-5350	ac (VHT80), ax (HEW80) , be (EHT80)	5290	58 [1]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]

Non-Beamforming_Radio 2_Full RU_1T1S

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	1TX
5.25-5.35GHz	802.11be EHT20	20	1TX
5.25-5.35GHz	802.11be EHT40	40	1TX
5.25-5.35GHz	802.11be EHT80	80	1TX
5.15-5.25GHz	802.11be EHT160	160	1TX
5.25-5.35GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 2_Full RU_2T1S

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Multi-RU_1T1S

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT80	80	1TX
5.15-5.25GHz	802.11be EHT160	160	1TX
5.25-5.35GHz	802.11be EHT160	160	1TX

**Non-Beamforming_Radio 2_Multi-RU_2T1S**

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_Channel Puncturing_1T1S

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT80	80	1TX
5.15-5.25GHz	802.11be EHT160	160	1TX
5.25-5.35GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 2_Channel Puncturing_2T1S

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX

Non-Beamforming_Scan Radio

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	1TX
5.25-5.35GHz	802.11ax HEW20	20	1TX

Beamforming_Radio 2

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	2TX
5.25-5.35GHz	802.11be EHT40-BF	40	2TX
5.25-5.35GHz	802.11be EHT80-BF	80	2TX
5.15-5.25GHz	802.11be EHT160-BF	160	2TX
5.25-5.35GHz	802.11be EHT160-BF	160	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 and EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

1.1.2 MRU (static preamble puncturing)

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH						
		80	CH42	CH58	CH106	CH122	CH138	CH155	CH171
484+242	1		--	V	--	V	V	V	V
	2		V	V	V	V	V	V	V
	3		V	V	V	V	V	V	V
	4		V	--	V	V	--	V	--

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH		
		160	CH50	CH114	CH163
996+484	1		--	V	--
	2		V	V	V
	3		V	V	V
	4		V	--	V
996+484+242	1		--	V	V
	2		V	V	V
	3		V	V	V
	4		V	V	V
	5		V	V	V
	6		V	V	V
	7		V	V	V
	8		V	--	V

1.1.3 Worst case of MRU (static preamble puncturing) evaluation procedure

1. Complete test Full RU BE & PSD
2. Measure the PSD of each MRU(static preamble puncturing) by conducted method and it is less than the Full RU conducted PSD.
3. Measure the Band edge emission of each MRU(static preamble puncturing) by conducted method and find out the MRU(static preamble puncturing) worst case configuration
4. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated unwanted emission testing
5. Confirm whether the worst MRU(static preamble puncturing) configuration setting in steps 3 and step 4 is the same. If there is a channel where the setting drops due to the test in step 4, the PSD of MRU(static preamble puncturing) needs to be retested.



1.1.4 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Fii	363.00009	PIFA	I-Pex	2.4G+5G+6G	Radio1+2+3
2	Fii	363.00009	PIFA	I-Pex	2.4G+5G+6G	Radio1+2+3
3	Fii	363.00009	PIFA	I-Pex	2.4G+5G+6G	Radio 4 (Scan)
4	Fii	363.00009	PIFA	I-Pex	BT+802.15.4	-

Ant.	Port	Gain (dBi)									BLE& IEEE 802.15.4
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1	2	4.75	3.63	3.82	4.65	4.31	4.62	3.78	4.04	3.58	-
2	1	4.56	4.4	4.37	5.26	4.52	3.88	3.44	3.56	4.8	-
3	1	3.75	4.18	4.12	4.81	4.57	4.66	4.38	4.02	3.61	-
4	1	-	-	-	-	-	-	-	-	-	3.66

Wi-Fi Mode	Composite Gain (dBi)								
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
DG [1SS] (dBi)	6.97	5.74	5.95	6.89	6.56	6.65	5.87	5.77	5.67
DG [2SS] (dBi)	4.75	4.4	4.37	5.26	4.52	4.62	3.78	4.04	4.8

Note 1: The EUT has four antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v02 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP541819.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (1TX/2RX) (Radio 1)

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 1 (port 2) and it was recorded in this test report.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Radio 1)

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax mode(1TX/1RX) (Radio 4)

Ant. 3 (port 1) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/2RX) (Radio 2)

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2 (port 1) and it was recorded in this test report.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/2RX) (Radio 2)

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (1TX/1RX) (Radio 4)

Ant. 3 (port 1) could transmit/receive simultaneously.

**For 6GHz function:**

For IEEE 802.11 ax/be mode (1TX/2RX) (Radio 3)

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 1 (port 2) and it was recorded in this test report.

For IEEE 802.11 ax/be mode (2TX/2RX) (Radio 3)

Ant. 1 (port 2) and Ant. 2 (port 1) could transmit/receive.

For IEEE 802.11 ax mode (1TX/1RX) (Radio 4)

Ant. 3 (port 1) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 4 (port 1) could transmit/receive.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 4 (port 1) could transmit/receive.

1.1.5 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☐ Outdoor AP	☒ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
Resource Unit	☒ Full RU	☐ Partial RU	
	☒ MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)	
Channel Puncturing	☒ Support	☐ Not support	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.6 Table of Serial Number

Test item	Serial Number
RF	FVH2914A1E3

1.1.7 Mode Test Duty Cycle

Non-Beamforming_Radio 2_Full RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX(Port1)	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	0.997	0.01	5.454m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Full RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	5.453m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Multi-RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 MRU 3_1TX(Port1)	0.829	0.81	1.693m	1k
802.11be EHT160_Nss 1,(M0),RU484+3xRU242 MRU 1_1TX(Port1)	0.915	0.39	2.761m	500

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Multi-RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	0.829	0.81	1.693m	1k
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	0.901	0.45	2.761m	500

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Radio 2_Channel Puncturing_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)	0.997	0.01	5.454m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	0.997	0.01	5.454m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	0.997	0.01	5.454m	10

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

**Non-Beamforming_Radio 2_Channel Puncturing_2T1S**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 3_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP 5_2TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484 CP 2_2TX	0.997	0.01	5.453m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Non-Beamforming_Scan Radio

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.993	0.03	2.1m	10Hz (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.45m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming_Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.453m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024
- ♦ KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF:

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v02
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Lego Lin	22.8~24.7°C / 58~63%	30/May/2025
RF Conducted (Channel Puncturing)	TH07-HY	Yuna Lin	23.4~24.3°C / 53~60%	17/May/2025~12/Aug/2025
RF Conducted (Multi-RU)	TH07-HY	Yuna Lin	23.4~24.3°C / 53~58%	19/May/2025~13/Aug/2025
Radiated (Co-location)	03CH02-HY	Vasari Huang	21.6~22.1°C / 53~56%	11/Aug/2025
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
RF : Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted (Full RU+ Beamforming)	TH06-HY	Johnny Yu	23.2~24.3°C / 53~57%	15/May/2025~13/Aug/2025
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Full RU)	03CH09-HY	Lego Lin	23.1~23.4°C / 51~65%	20/May/2025~23/May/2025
Radiated (Multi-RU)	03CH09-HY	Lego Lin	22.3~23.4°C / 52~62%	28/May/2025
Radiated (Channel Puncturing)	03CH09-HY	Lego Lin	24.1~25.1°C / 54~66%	27/May/2025~07/Jul/2025
Radiated (Scan Radio)	03CH09-HY	Lego Lin	23.6~24.1°C / 55~67%	22/May/2025~11/Jun/2025

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	3.44 dB	Confidence levels of 95%
Conducted Output Power	1.48 dB	Confidence levels of 95%
Bandwidth	0.05 MHz	Confidence levels of 95%
Conducted Emission	1.48 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Qdart_conn_win.1.0_installer_00099.1
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Non-Beamforming_Radio 2_Full RU_1T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(Port1)	-
5260MHz	17
5300MHz	17
5320MHz	17
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-
5260MHz	17
5300MHz	17
5320MHz	17
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	-
5270MHz	17
5310MHz	17
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	-
5290MHz	17
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	-
5250MHz Straddle 5.15-5.25GHz	15
5250MHz Straddle 5.25-5.35GHz	15

Non-Beamforming_Radio 2_Full RU_2T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	17
802.11be EHT20_Nss1,(MCS0)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	16.5
802.11be EHT40_Nss1,(MCS0)_2TX	-
5270MHz	17
5310MHz	15
802.11be EHT80_Nss1,(MCS0)_2TX	-
5290MHz	15
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	12
5250MHz Straddle 5.25-5.35GHz	12

**Non-Beamforming_Radio 2_Multi-RU_1T1S**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)	-
5290MHz	13
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	-
5250MHz Straddle 5.15-5.25GHz	11
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	-
5250MHz Straddle 5.25-5.35GHz	11

Non-Beamforming_Radio 2_Multi-RU_2T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-
5290MHz	11.5
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-
5250MHz Straddle 5.15-5.25GHz	9.5
5250MHz Straddle 5.25-5.35GHz	9.5

Non-Beamforming_Radio 2_Channel Puncturing_1T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)	-
5290MHz	13
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	-
5250MHz Straddle 5.15-5.25GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	-
5250MHz Straddle 5.15-5.25GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	-
5250MHz Straddle 5.25-5.35GHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	-
5250MHz Straddle 5.25-5.35GHz	11

Non-Beamforming_Radio 2_Channel Puncturing_2T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5290MHz	12
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-
5250MHz Straddle 5.15-5.25GHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-
5250MHz Straddle 5.15-5.25GHz	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-
5250MHz Straddle 5.25-5.35GHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-
5250MHz Straddle 5.25-5.35GHz	10

**Non-Beamforming_Scan Radio**

Test Software Version	PuTTY Release 0.62
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Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	17
5300MHz	17
5320MHz	17
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	17
5300MHz	17
5320MHz	17

Beamforming_Radio 2

Test Software Version	Qdart_conn_win.1.0_installer_00099.1
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Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	16.5
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	17
5310MHz	15
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5290MHz	15
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	12
5250MHz Straddle 5.25-5.35GHz	12

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE Mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (Scan Radio)	V (Radio 2)	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	R1_2.4G(2*2)+R2_5G(2*2)+Scan:2.4G+5G+6G(1T*1R)+BT
2	R1_2.4G(2*2)+R3_6G(2*2)+Scan:2.4G+5G+6G(1T*1R)+BT
3	R1_2.4G(2*2)+R2_5G(2*2)+Scan:2.4G+5G+6G(1T*1R)+IEEE 802.15.4
4	R1_2.4G(2*2)+R3_6G(2*2)+Scan:2.4G+5G+6G(1T*1R)+IEEE 802.15.4
Refer to Sporton Test Report No.: FA541819 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Low Profile Mounting Bracket	Brand Name	Cisco	Model Name	AIR-AP-BRACKET-1
Ceiling grid clip	Brand Name	Cisco	Model Name	AIR-AP-T-RAIL-R

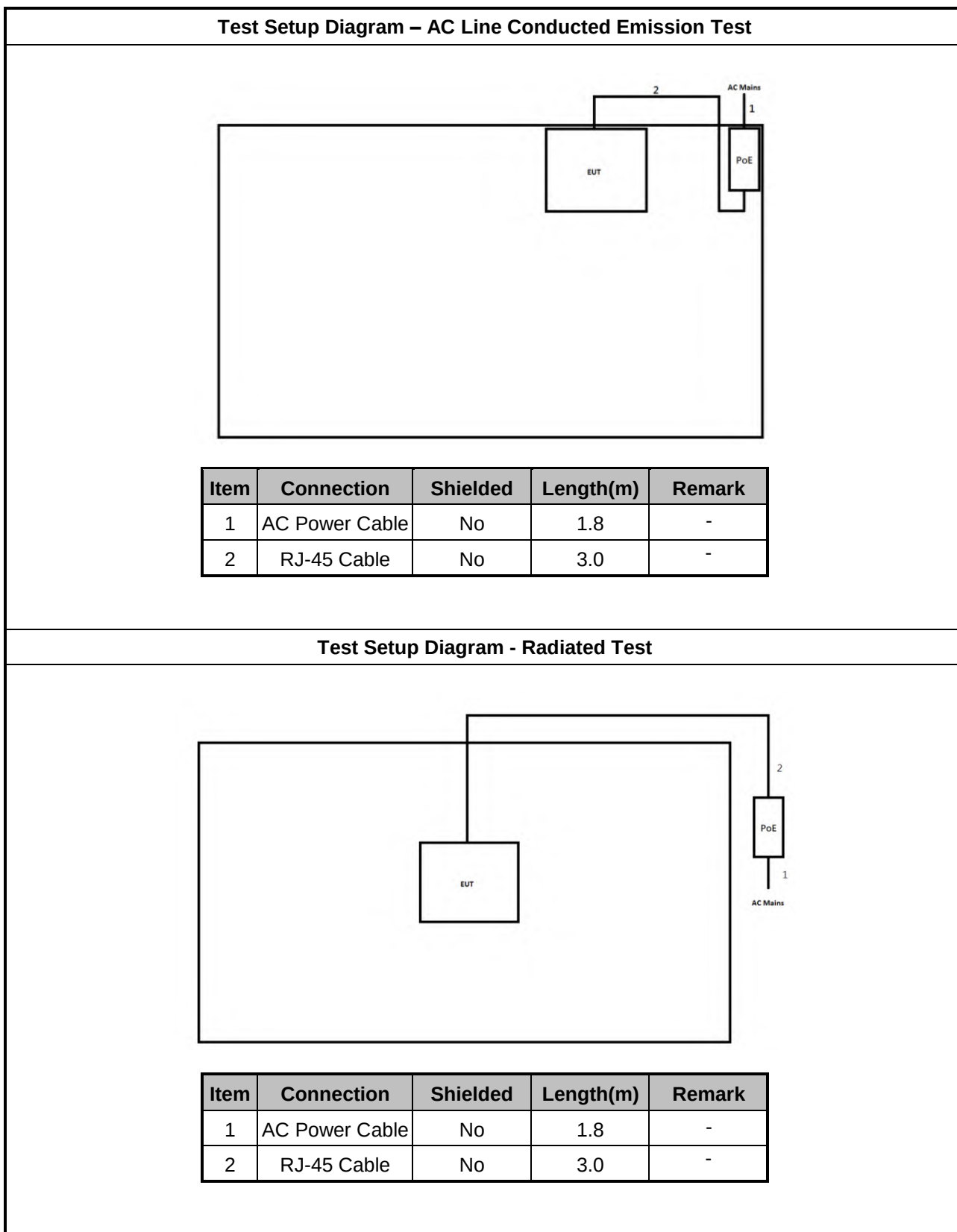
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	PoE	DELTA	ADH-65AR P(D)	-	Provided by Customer
3	AC Power Cable	Power sync	PW-GPC180-3	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE 1	DELTA	ADH-65AR B	-	Provided by Customer
4	PoE 2	PHIHONG	POE29U-1AT(PL)	-	Provided by Customer
5	Adapter 1	FSP	FSP050-DWAA1	-	Provided by Customer
6	Adapter 2	CISCO	MA-PWR-50WAC	-	Provided by Customer

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

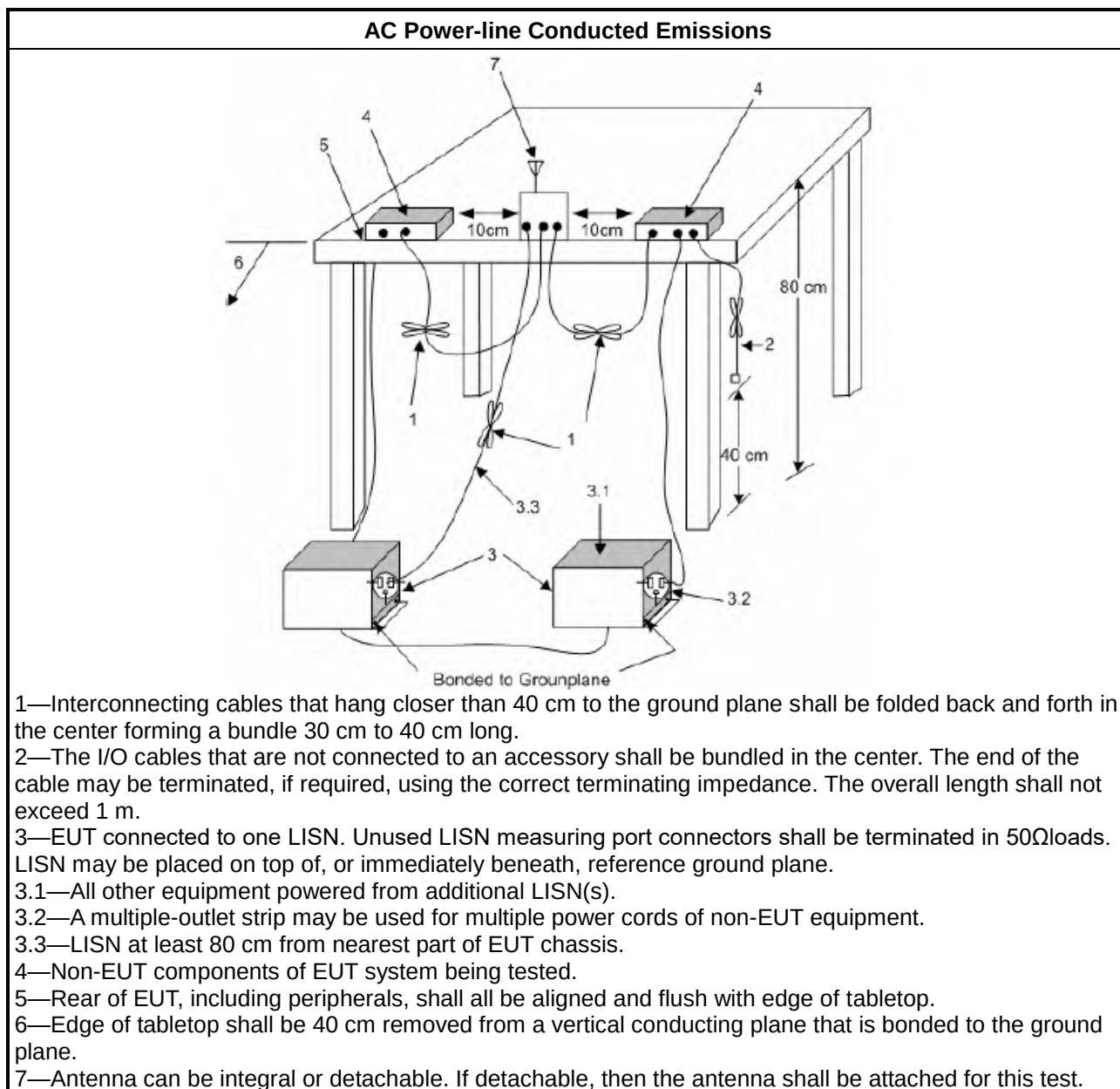
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, N/A
☐	For the 5.47-5.725 GHz band, N/A
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

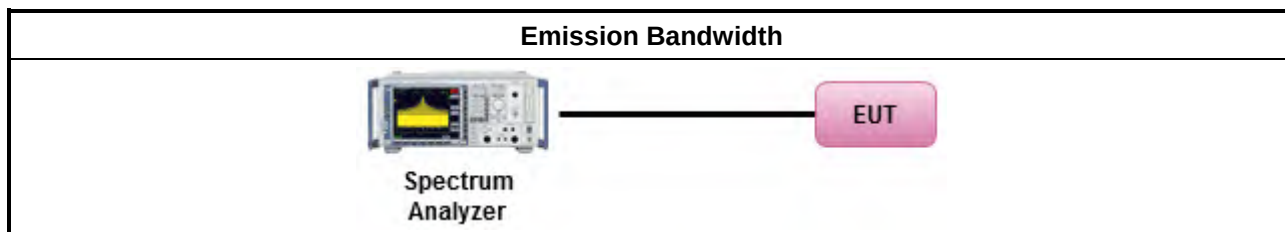
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125 mW [21 dBm]
☐	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
☐	Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
☐	Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☐	For the 5.725-5.85 GHz band:
☐	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

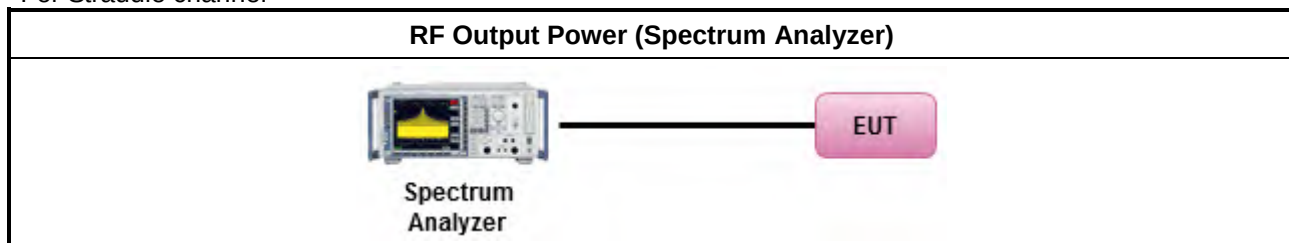
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

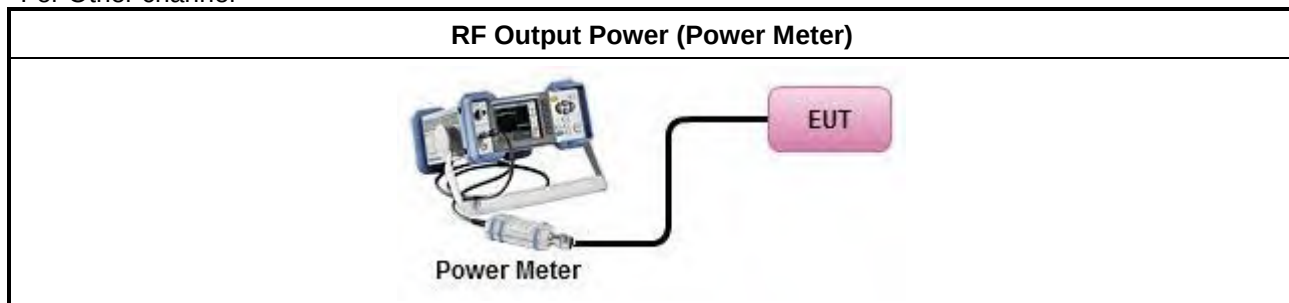
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup

For Straddle channel



For Other channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	Outdoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Indoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Point-to-point AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
	Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☐ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☐ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

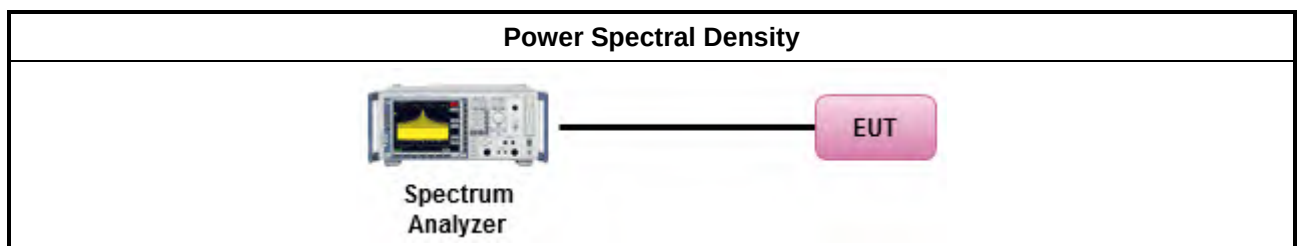
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth Duty cycle ≥ 98%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%	
☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
- Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.5.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.5.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

Test Method	
For conducted and cabinet radiation measurement, refer as KDB 789033, clause G)3).	
	For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

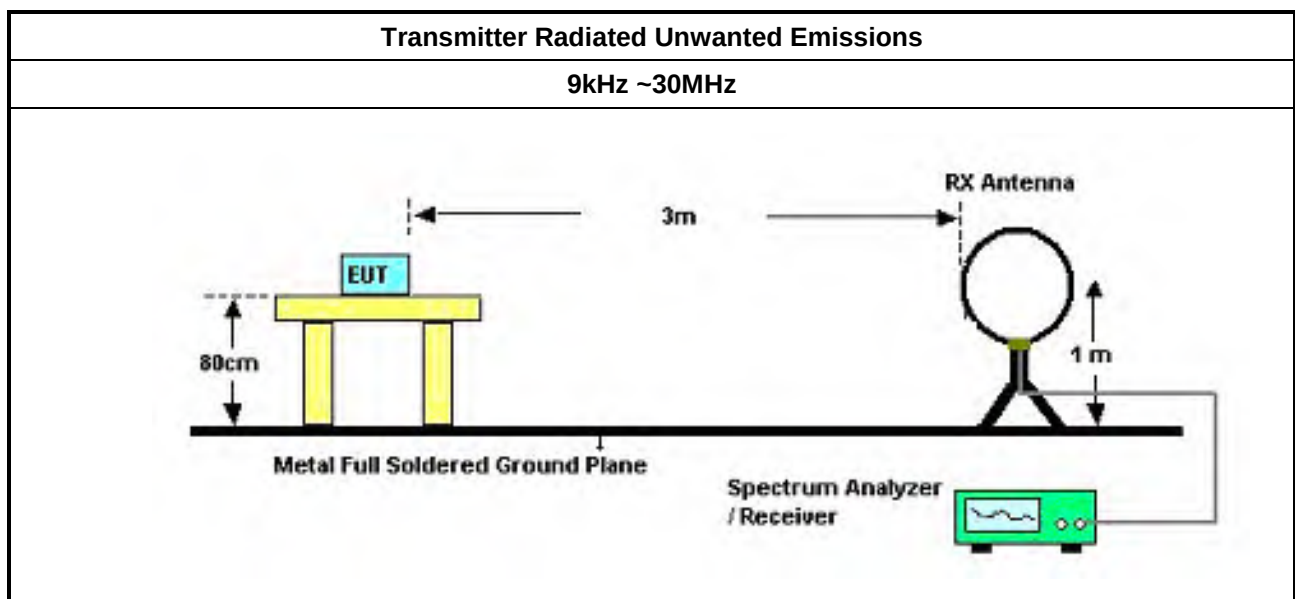
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

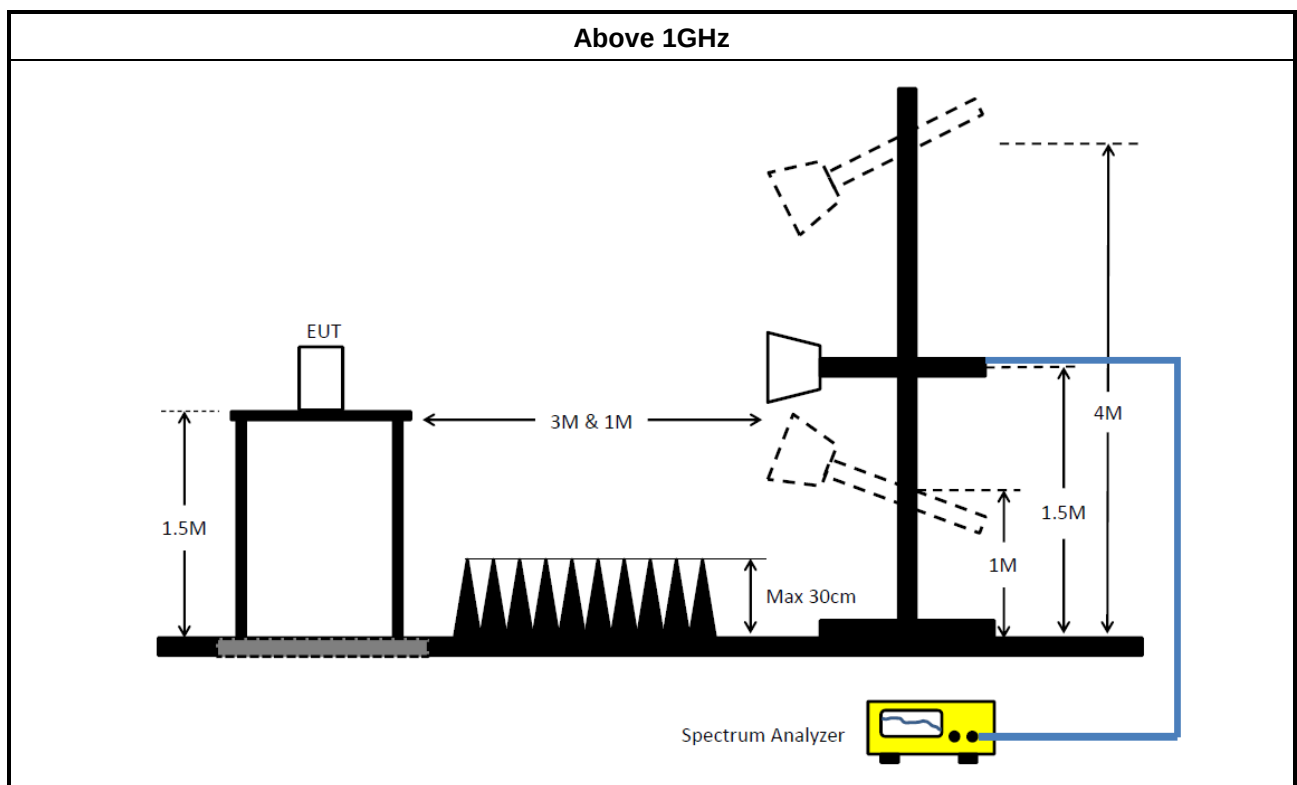
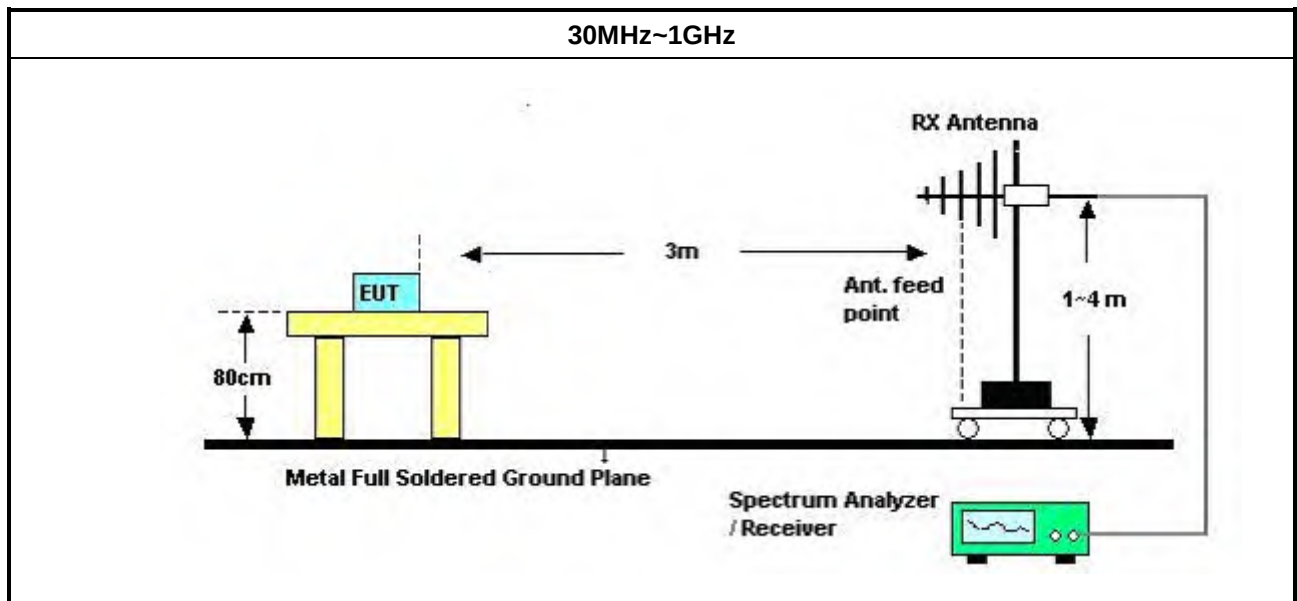
3.5.4 Measurement Results Calculation

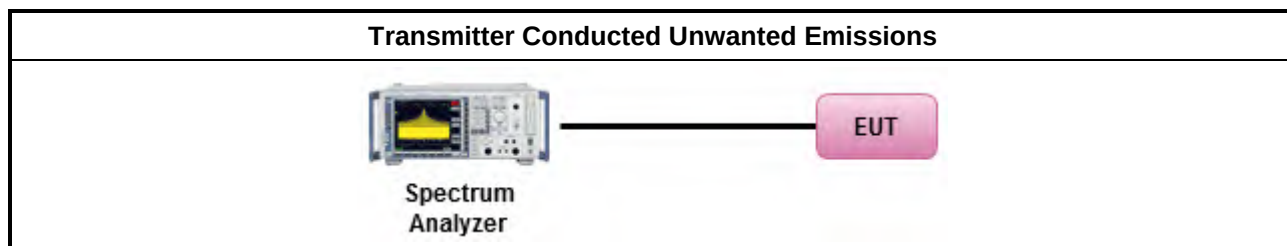
The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.5.5 Test Setup







3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	11/Oct/2024	10/Oct/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
SENSE-EMI	Sporton	V5.11.3	N/A	N/A	N/A	N/A

Instrument for Conducted Test (TH06-HY) (Full RU & Beamforming)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15407_NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

Instrument for Conducted Test (TH07-HY) (Multi-RU & Channel Puncturing)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	23/Jan/2025	22/Jan/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15407_NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH09-HY) (Full RU & Multi-RU & Channel Puncturing)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	07/Mar/2025	06/Mar/2026
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	06/Mar/2025	05/Mar/2026
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	09/Apr/2025	08/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	19/Jul/2024	18/Jul/2025
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	26/Aug/2024	25/Aug/2025
RF Cable-R03m	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	19/Feb/2025	18/Feb/2026
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	07/Oct/2024	06/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	18/Apr/2025	17/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
SENSE-15407_NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

Instrument for Radiated Test (03CH09-HY) (Scan Radio)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	07/Mar/2025	06/Mar/2026
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	06/Mar/2025	05/Mar/2026
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	09/Apr/2025	08/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	19/Jul/2024	18/Jul/2025
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	26/Aug/2024	25/Aug/2025
RF Cable-R03m	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	19/Feb/2025	18/Feb/2026
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	07/Oct/2024	06/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	18/Apr/2025	17/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
SENSE-15407_NII	Sporton	V5.11.23	NA	NA	NA	NA

**Instrument for Radiated Test (03CH02-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	02/Jul/2025	01/Jul/2026
RF Cable-R03m	HUBER+ SUHNER	SUCOFLEX 104	03CH02-cable-04	1GHz~40GHz	17/Jul/2025	16/Jul/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	26/Apr/2025	25/Apr/2026
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline_Radio 2

Appendix A.1

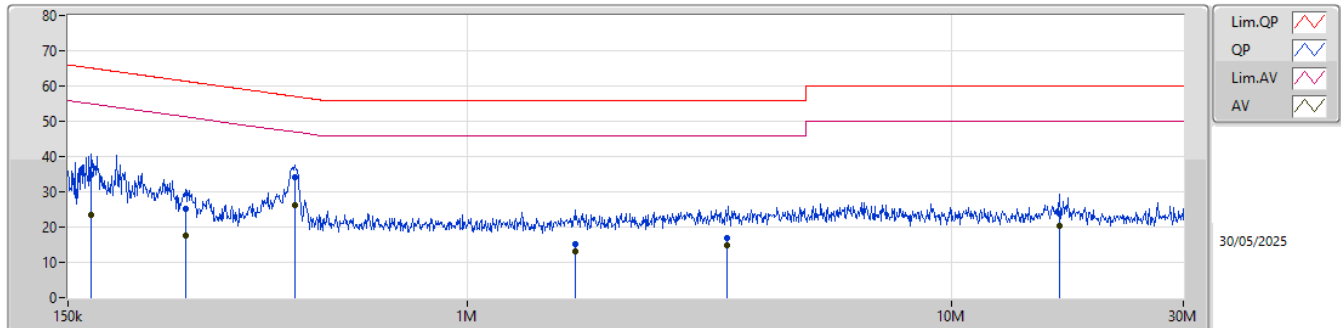
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	440.75k	26.23	47.05	-20.82	Line

Result

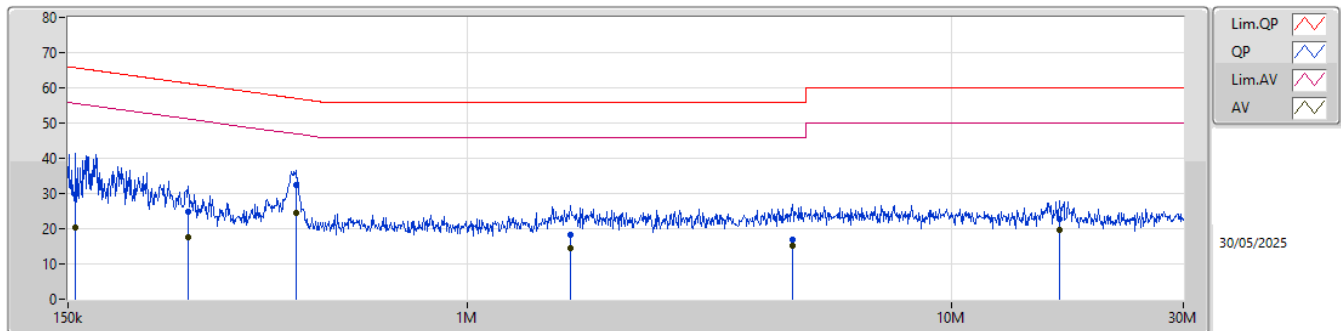
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	167.07k	34.69	65.10	-30.41	Line
Mode 1	Pass	AV	167.07k	23.51	55.10	-31.59	Line
Mode 1	Pass	QP	262.31k	25.03	61.35	-36.32	Line
Mode 1	Pass	AV	262.31k	17.64	51.35	-33.71	Line
Mode 1	Pass	QP	440.75k	34.20	57.05	-22.85	Line
Mode 1	Pass	AV	440.75k	26.23	47.05	-20.82	Line
Mode 1	Pass	QP	1.67M	15.18	56.00	-40.82	Line
Mode 1	Pass	AV	1.67M	13.18	46.00	-32.82	Line
Mode 1	Pass	QP	3.44M	16.85	56.00	-39.15	Line
Mode 1	Pass	AV	3.44M	14.77	46.00	-31.23	Line
Mode 1	Pass	QP	16.67M	23.68	60.00	-36.32	Line
Mode 1	Pass	AV	16.67M	20.47	50.00	-29.53	Line
Mode 1	Pass	QP	155.49k	29.76	65.69	-35.93	Neutral
Mode 1	Pass	AV	155.49k	20.20	55.69	-35.49	Neutral
Mode 1	Pass	QP	265.47k	24.73	61.26	-36.53	Neutral
Mode 1	Pass	AV	265.47k	17.57	51.26	-33.69	Neutral
Mode 1	Pass	QP	442.51k	32.40	57.01	-24.61	Neutral
Mode 1	Pass	AV	442.51k	24.54	47.01	-22.47	Neutral
Mode 1	Pass	QP	1.63M	18.26	56.00	-37.74	Neutral
Mode 1	Pass	AV	1.63M	14.53	46.00	-31.47	Neutral
Mode 1	Pass	QP	4.68M	16.96	56.00	-39.04	Neutral
Mode 1	Pass	AV	4.68M	15.11	46.00	-30.89	Neutral
Mode 1	Pass	QP	16.67M	22.63	60.00	-37.37	Neutral
Mode 1	Pass	AV	16.67M	19.57	50.00	-30.43	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	167.07k	34.69	65.10	-30.41	20.23	Line	-	14.46	10.25	0.01	9.97								
AV	167.07k	23.51	55.10	-31.59	20.23	Line	-	3.28	10.25	0.01	9.97								
QP	262.31k	25.03	61.35	-36.32	19.68	Line	-	5.35	9.69	0.02	9.97								
AV	262.31k	17.64	51.35	-33.71	19.68	Line	-	-2.04	9.69	0.02	9.97								
QP	440.75k	34.20	57.05	-22.85	20.04	Line	-	14.16	10.03	0.03	9.98								
AV	440.75k	26.23	47.05	-20.82	20.04	Line	-	6.19	10.03	0.03	9.98								
QP	1.67M	15.18	56.00	-40.82	19.75	Line	-	-4.57	9.74	0.04	9.97								
AV	1.67M	13.18	46.00	-32.82	19.75	Line	-	-6.57	9.74	0.04	9.97								
QP	3.44M	16.85	56.00	-39.15	19.72	Line	-	-2.87	9.69	0.05	9.98								
AV	3.44M	14.77	46.00	-31.23	19.72	Line	-	-4.95	9.69	0.05	9.98								
QP	16.67M	23.68	60.00	-36.32	19.97	Line	-	3.71	9.71	0.28	9.98								
AV	16.67M	20.47	50.00	-29.53	19.97	Line	-	0.50	9.71	0.28	9.98								

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	155.49k	29.76	65.69	-35.93	20.01	Neutral	-	9.75	10.03	0.01	9.97								
AV	155.49k	20.20	55.69	-35.49	20.01	Neutral	-	0.19	10.03	0.01	9.97								
QP	265.47k	24.73	61.26	-36.53	19.71	Neutral	-	5.02	9.72	0.02	9.97								
AV	265.47k	17.57	51.26	-33.69	19.71	Neutral	-	-2.14	9.72	0.02	9.97								
QP	442.51k	32.40	57.01	-24.61	20.05	Neutral	-	12.35	10.04	0.03	9.98								
AV	442.51k	24.54	47.01	-22.47	20.05	Neutral	-	4.49	10.04	0.03	9.98								
QP	1.63M	18.26	56.00	-37.74	19.74	Neutral	-	-1.48	9.73	0.04	9.97								
AV	1.63M	14.53	46.00	-31.47	19.74	Neutral	-	-5.21	9.73	0.04	9.97								
QP	4.68M	16.96	56.00	-39.04	19.75	Neutral	-	-2.79	9.69	0.08	9.98								
AV	4.68M	15.11	46.00	-30.89	19.75	Neutral	-	-4.64	9.69	0.08	9.98								
QP	16.67M	22.63	60.00	-37.37	20.02	Neutral	-	2.61	9.76	0.28	9.98								
AV	16.67M	19.57	50.00	-30.43	20.02	Neutral	-	-0.45	9.76	0.28	9.98								



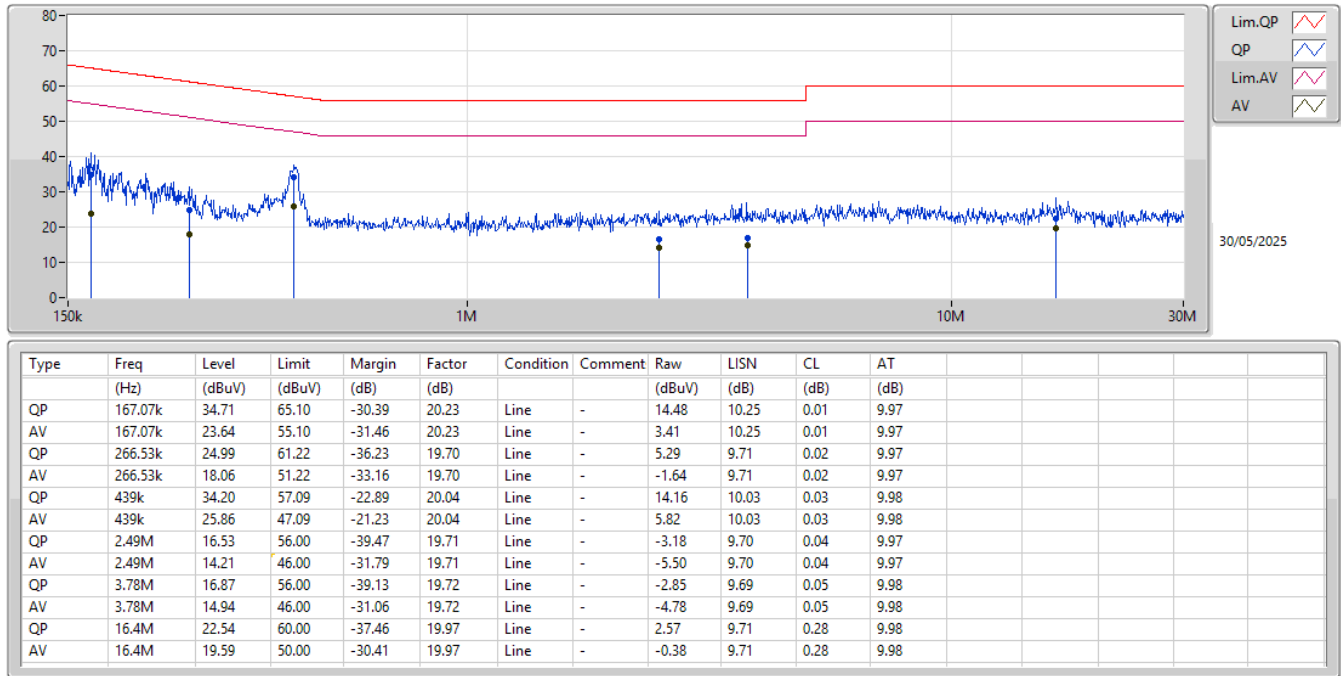
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	439k	25.86	47.09	-21.23	Line

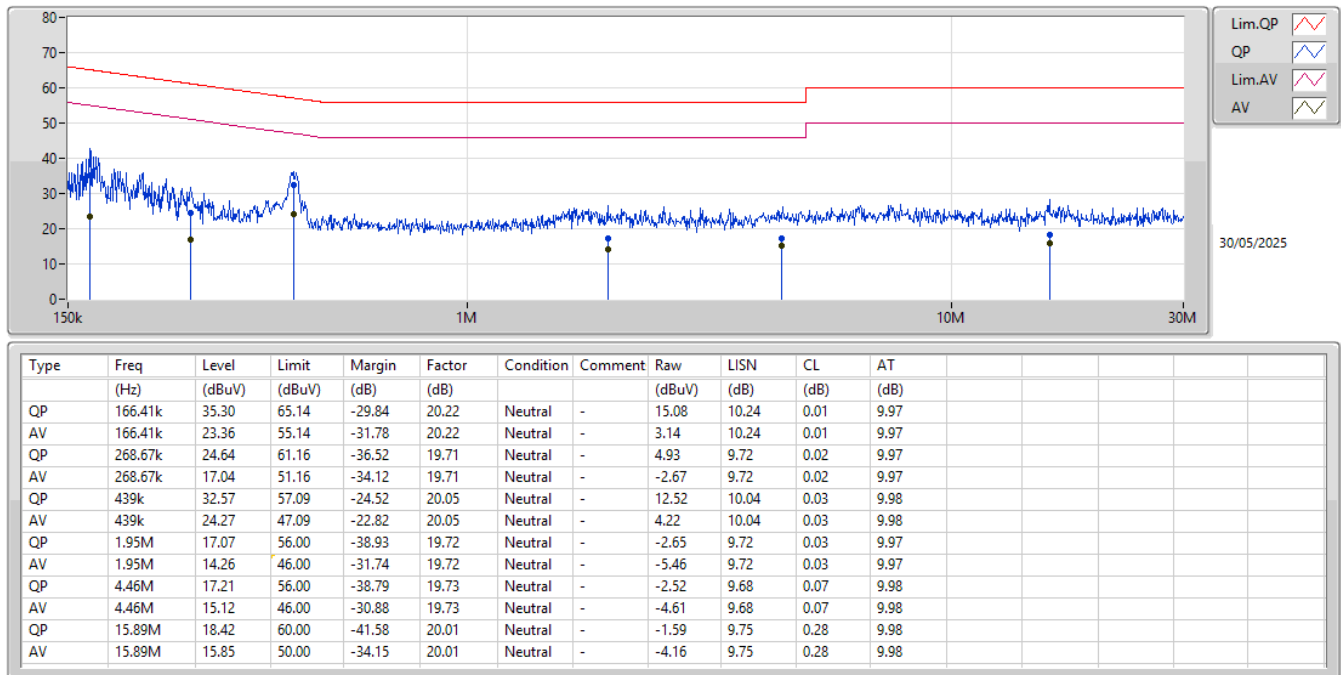
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	167.07k	34.71	65.10	-30.39	Line
Mode 1	Pass	AV	167.07k	23.64	55.10	-31.46	Line
Mode 1	Pass	QP	266.53k	24.99	61.22	-36.23	Line
Mode 1	Pass	AV	266.53k	18.06	51.22	-33.16	Line
Mode 1	Pass	QP	439k	34.20	57.09	-22.89	Line
Mode 1	Pass	AV	439k	25.86	47.09	-21.23	Line
Mode 1	Pass	QP	2.49M	16.53	56.00	-39.47	Line
Mode 1	Pass	AV	2.49M	14.21	46.00	-31.79	Line
Mode 1	Pass	QP	3.78M	16.87	56.00	-39.13	Line
Mode 1	Pass	AV	3.78M	14.94	46.00	-31.06	Line
Mode 1	Pass	QP	16.4M	22.54	60.00	-37.46	Line
Mode 1	Pass	AV	16.4M	19.59	50.00	-30.41	Line
Mode 1	Pass	QP	166.41k	35.30	65.14	-29.84	Neutral
Mode 1	Pass	AV	166.41k	23.36	55.14	-31.78	Neutral
Mode 1	Pass	QP	268.67k	24.64	61.16	-36.52	Neutral
Mode 1	Pass	AV	268.67k	17.04	51.16	-34.12	Neutral
Mode 1	Pass	QP	439k	32.57	57.09	-24.52	Neutral
Mode 1	Pass	AV	439k	24.27	47.09	-22.82	Neutral
Mode 1	Pass	QP	1.95M	17.07	56.00	-38.93	Neutral
Mode 1	Pass	AV	1.95M	14.26	46.00	-31.74	Neutral
Mode 1	Pass	QP	4.46M	17.21	56.00	-38.79	Neutral
Mode 1	Pass	AV	4.46M	15.12	46.00	-30.88	Neutral
Mode 1	Pass	QP	15.89M	18.42	60.00	-41.58	Neutral
Mode 1	Pass	AV	15.89M	15.85	50.00	-34.15	Neutral

Conducted Emissions at Powerline_Mode 2



Conducted Emissions at Powerline_Mode 2



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	83.6M	77.641M	77M6D1D	83.6M	77.641M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	22M	16.822M	16M8D1D	21.45M	16.558M
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	22.11M	19.115M	19M1D1D	20.955M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	42.24M	37.931M	37M9D1D	41.47M	37.881M
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	82.94M	77.461M	77M5D1D	82.94M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	82.96M	77.641M	77M6D1D	82.96M	77.641M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-
5260MHz	Pass	Inf	22M	16.602M
5300MHz	Pass	Inf	21.945M	16.822M
5320MHz	Pass	Inf	21.45M	16.558M
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-
5260MHz	Pass	Inf	22.11M	19.115M
5300MHz	Pass	Inf	21.67M	18.991M
5320MHz	Pass	Inf	20.955M	19.015M
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-
5270MHz	Pass	Inf	41.47M	37.881M
5310MHz	Pass	Inf	42.24M	37.931M
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	-	-	-	-
5290MHz	Pass	Inf	82.94M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.6M	77.641M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.96M	77.641M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

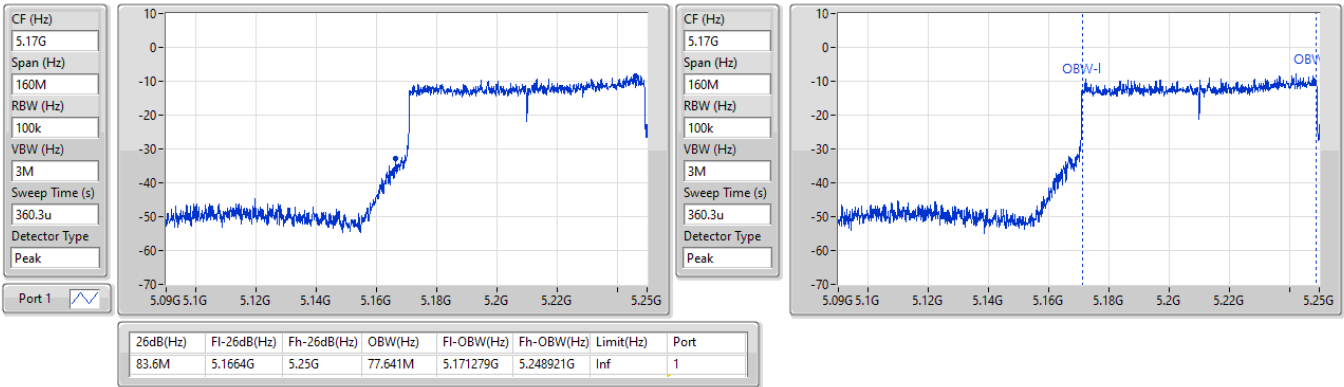
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port1)

EBW

5250MHz Straddle 5.15-5.25GHz

15/05/2025

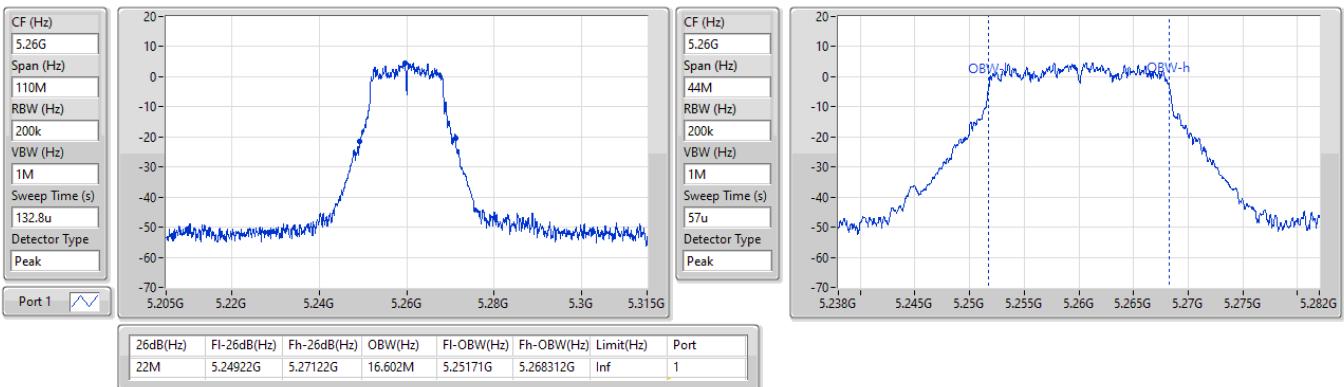


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

EBW

5260MHz

15/05/2025

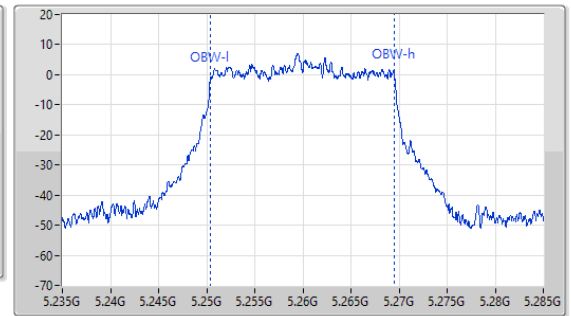
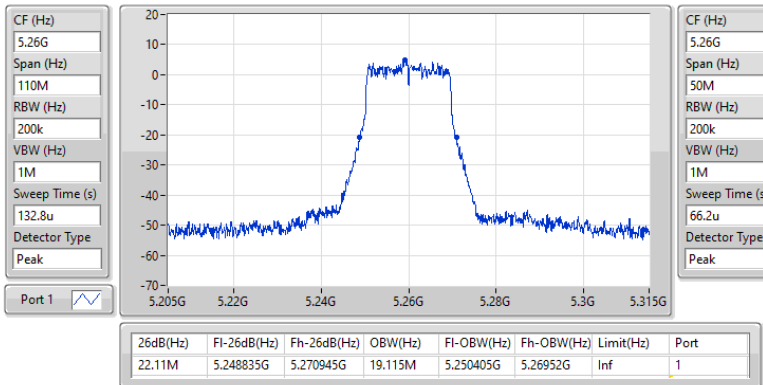


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

EBW

5260MHz

15/05/2025

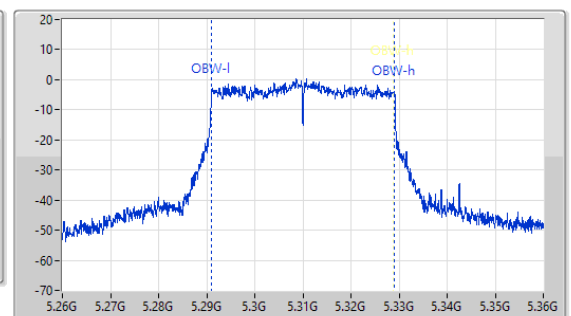
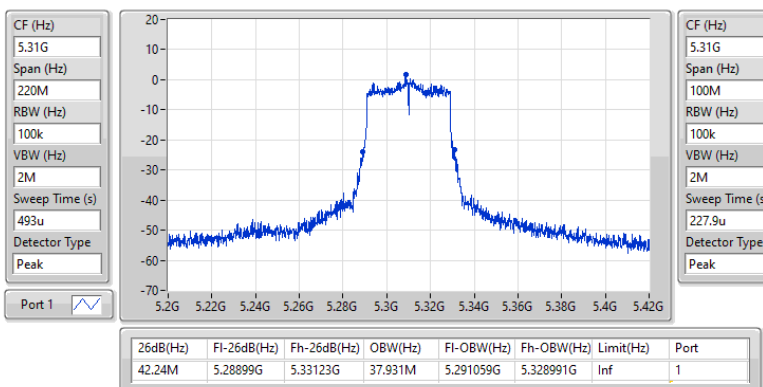


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port1)

EBW

5310MHz

15/05/2025

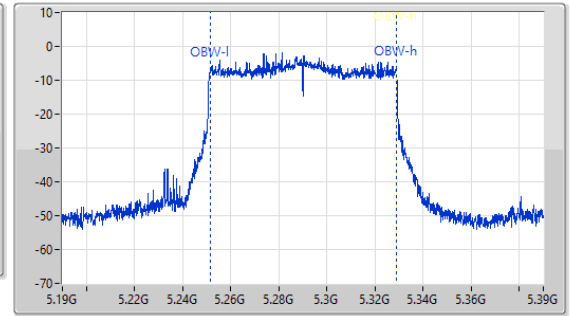
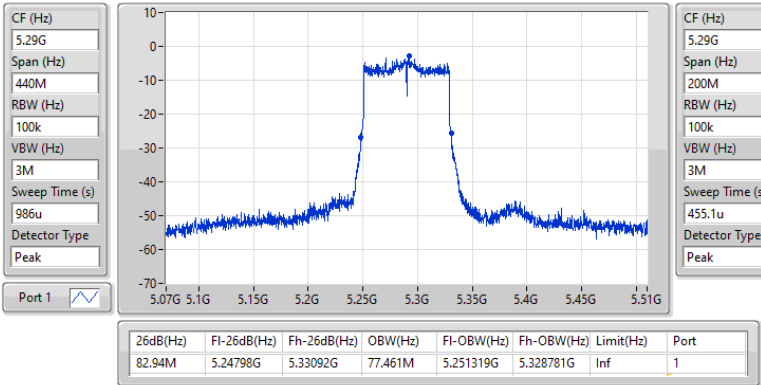


5.25-5.35GHz 802.11be EHT80_Nss1,(MCS0)_1TX(Port1)

EBW

5290MHz

15/05/2025

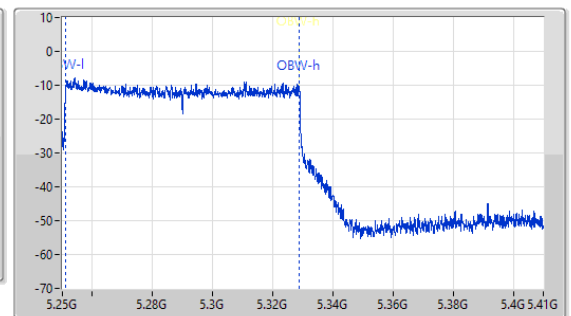
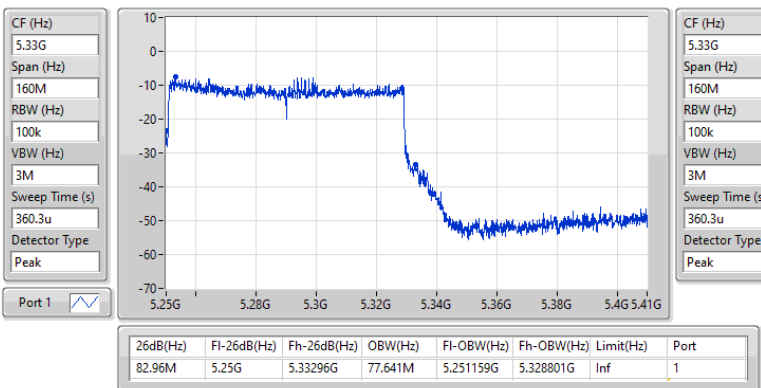


5.25-5.35GHz 802.11be EHT160_Nss1,(MCS0)_1TX(Port1)

EBW

5250MHz Straddle 5.25-5.35GHz

15/05/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	83.52M	77.561M	77M6D1D	82.8M	77.561M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.44M	16.844M	16M8D1D	21.395M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	21.835M	19.015M	19M0D1D	20.79M	18.941M
802.11be EHT40_Nss1,(MCS0)_2TX	42.79M	37.981M	38M0D1D	40.81M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX	83.38M	77.561M	77M6D1D	83.38M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX	85.44M	77.641M	77M6D1D	84.96M	77.561M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.89M	16.8M	22.275M	16.756M
5300MHz	Pass	Inf	21.395M	16.69M	21.505M	16.602M
5320MHz	Pass	Inf	22M	16.69M	22.44M	16.844M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.505M	18.941M	21.725M	18.991M
5300MHz	Pass	Inf	21.835M	19.015M	20.79M	18.966M
5320MHz	Pass	Inf	21.395M	18.991M	21.67M	18.966M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.81M	37.931M	41.14M	37.881M
5310MHz	Pass	Inf	41.91M	37.981M	42.79M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.38M	77.561M	83.38M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.8M	77.561M	83.52M	77.561M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	85.44M	77.641M	84.96M	77.561M

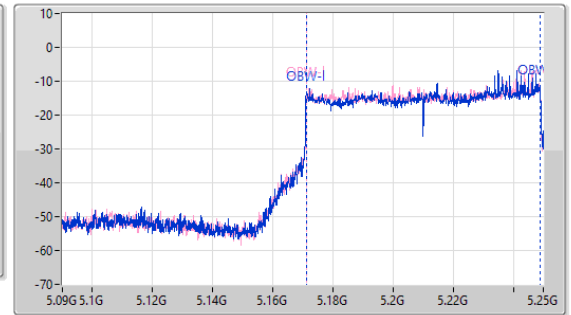
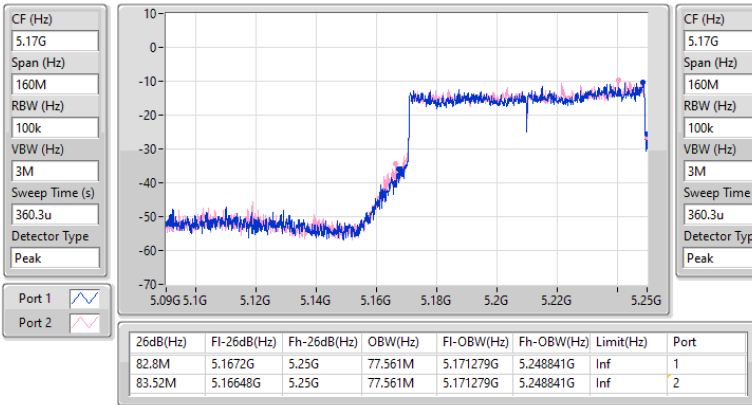
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

15/05/2025

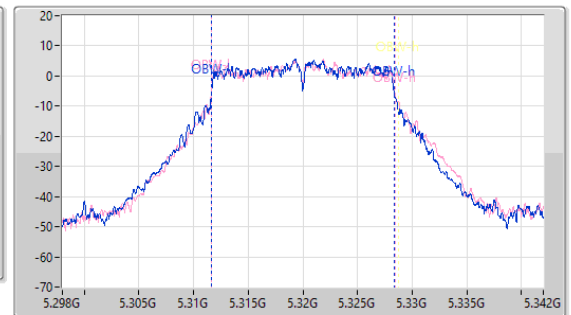
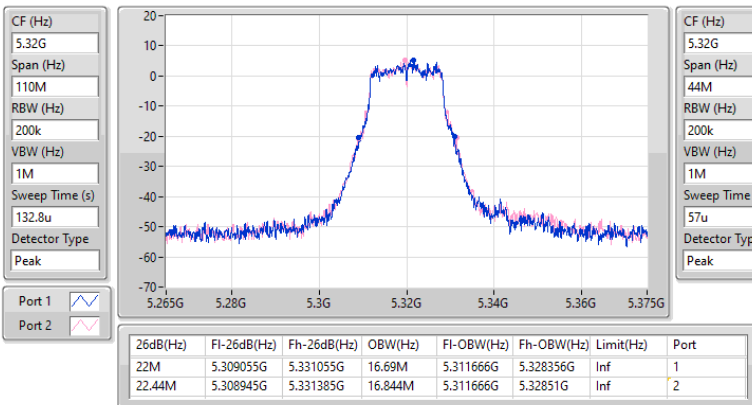


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5320MHz

15/05/2025

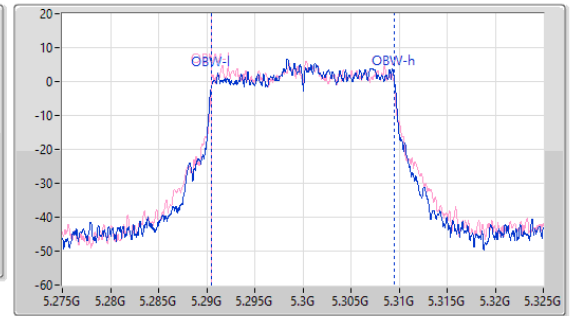
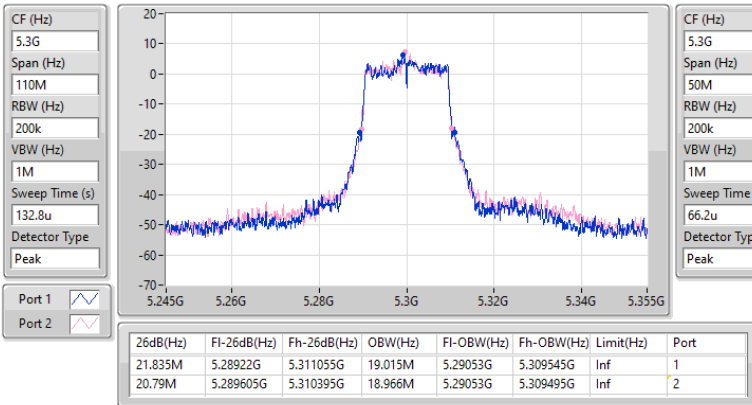


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

15/05/2025

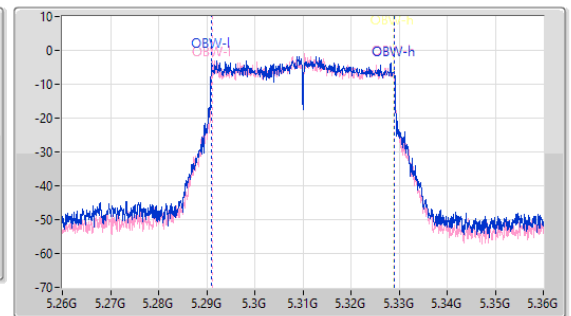
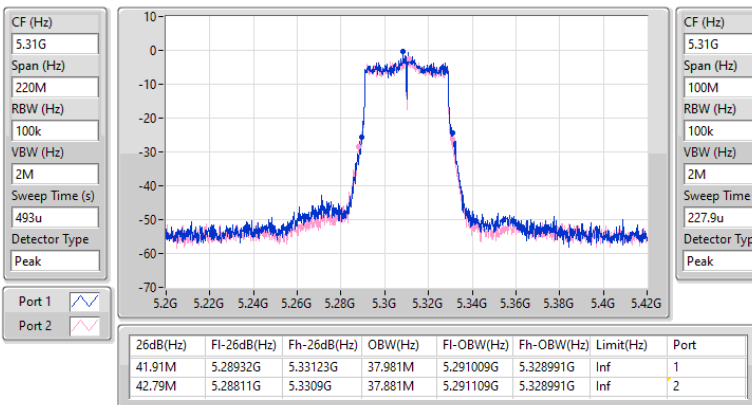


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5310MHz

15/05/2025

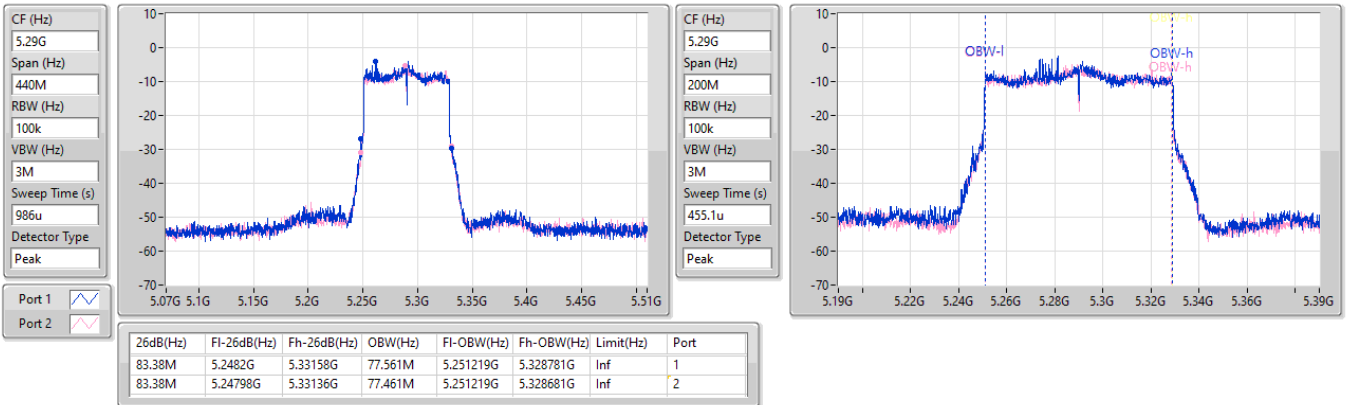


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

15/05/2025

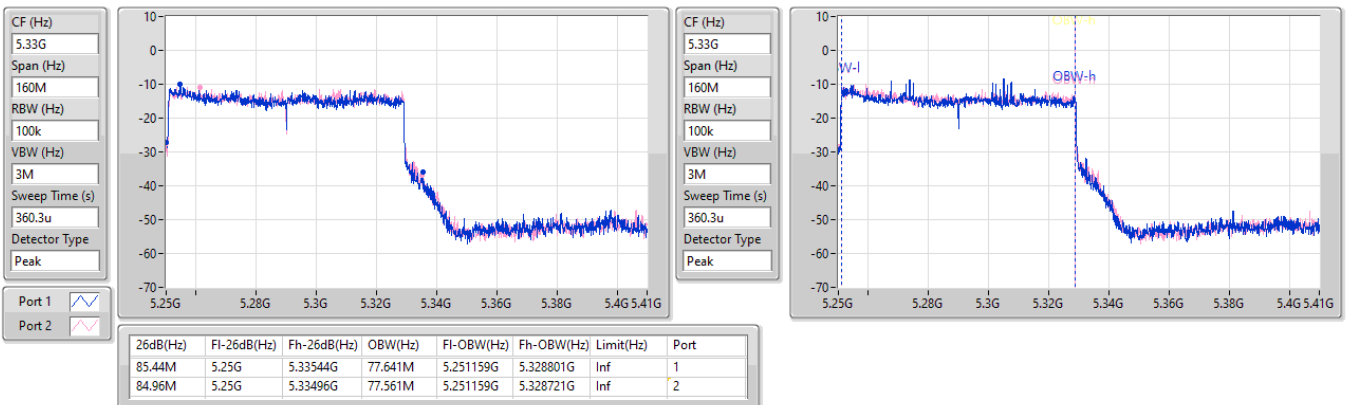


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

15/05/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.275M	16.345M	16M3D1D	18.04M	16.303M
802.11ax HEW20_Nss1,(MCS0)_1TX	20.24M	18.933M	18M9D1D	19.91M	18.752M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5260MHz	Pass	Inf	22.275M	16.345M
5300MHz	Pass	Inf	20.9M	16.303M
5320MHz	Pass	Inf	18.04M	16.312M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	20.24M	18.752M
5300MHz	Pass	Inf	19.91M	18.883M
5320MHz	Pass	Inf	20.185M	18.933M

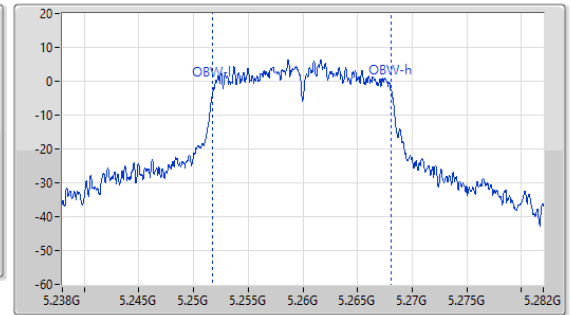
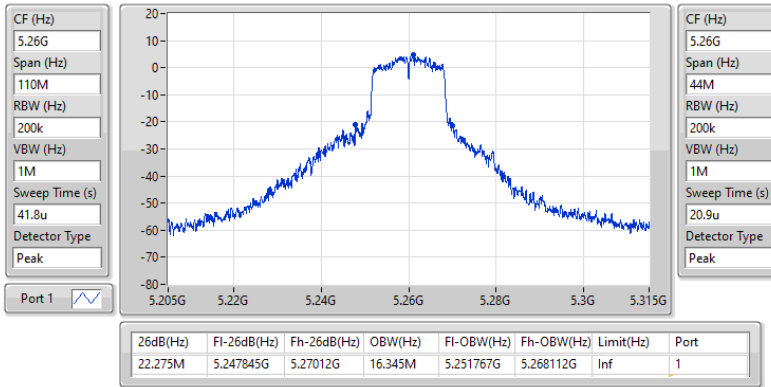
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

07/06/2025

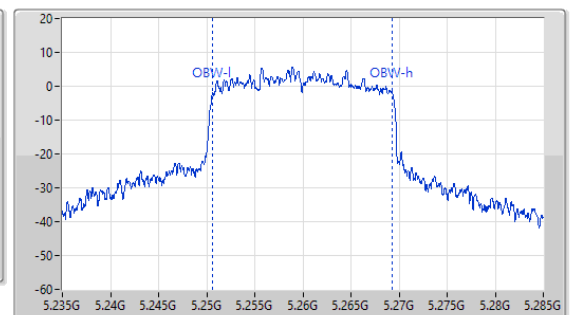
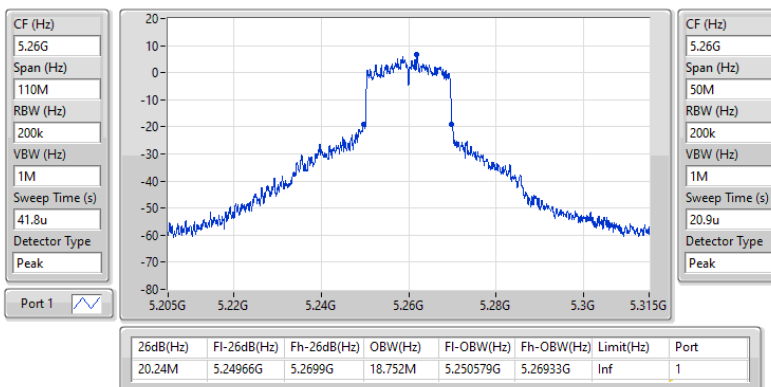


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5260MHz

07/06/2025



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	11.68	0.01472
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	16.44	0.04406
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	16.62	0.04592
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	17.18	0.05224
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	16.65	0.04624
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	11.93	0.01560

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
5260MHz	Pass	4.37	16.11	16.11	23.98
5300MHz	Pass	4.37	16.44	16.44	23.98
5320MHz	Pass	4.37	16.44	16.44	23.98
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5260MHz	Pass	4.37	16.25	16.25	23.98
5300MHz	Pass	4.37	16.60	16.60	23.98
5320MHz	Pass	4.37	16.62	16.62	23.98
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5270MHz	Pass	4.37	16.99	16.99	23.98
5310MHz	Pass	4.37	17.18	17.18	23.98
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5290MHz	Pass	4.37	16.65	16.65	23.98
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	11.68	11.68	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	11.93	11.93	23.98

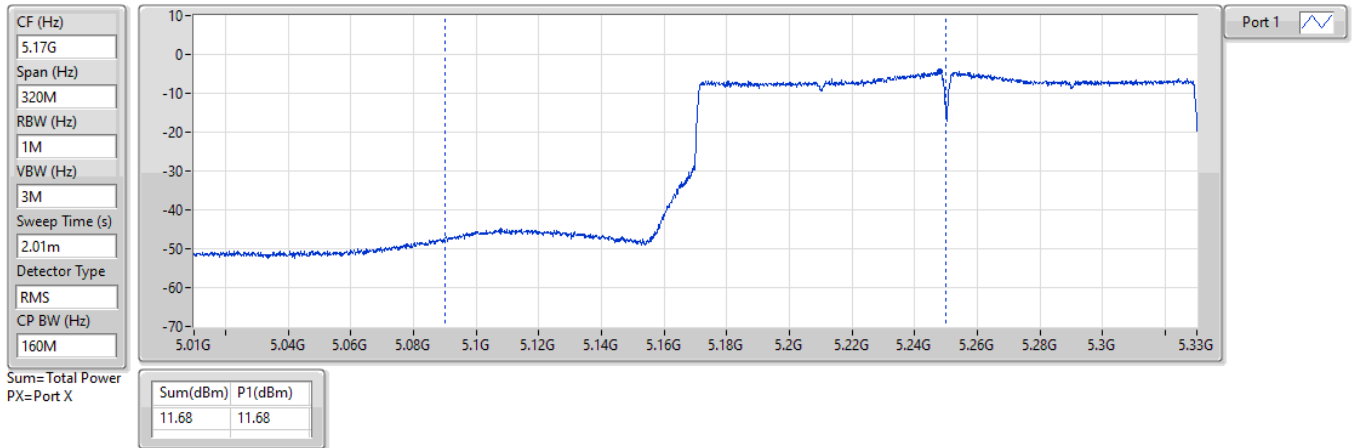
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port1)

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

15/05/2025

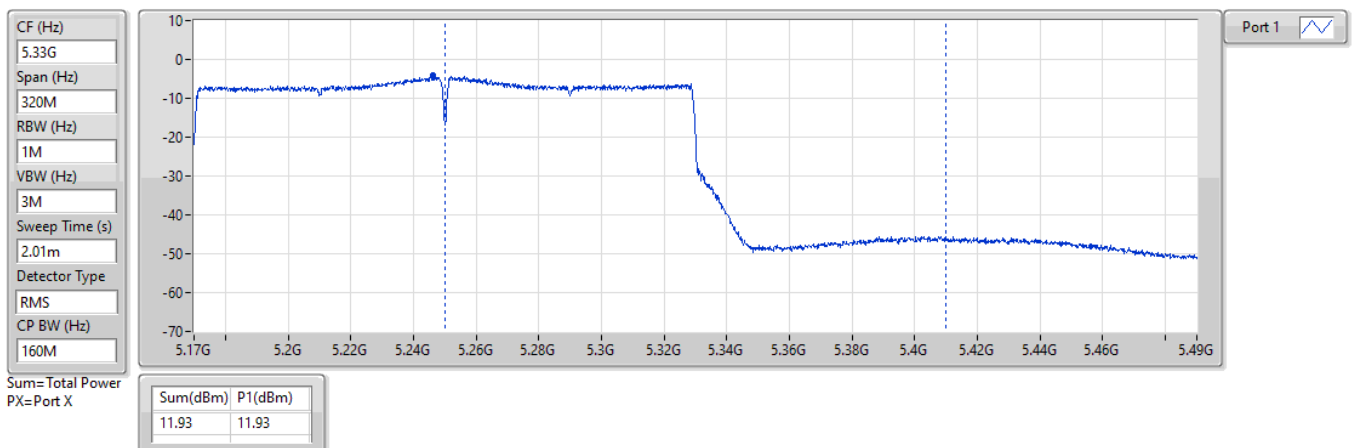


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port1)

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

15/05/2025



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	12.13	0.01633	16.53	0.04498
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.52	0.08954	23.89	0.24491
802.11be EHT20_Nss1,(MCS0)_2TX	19.62	0.09162	23.99	0.25061
802.11be EHT40_Nss1,(MCS0)_2TX	20.24	0.10568	24.61	0.28907
802.11be EHT80_Nss1,(MCS0)_2TX	17.92	0.06194	22.29	0.16943
802.11be EHT160_Nss1,(MCS0)_2TX	12.37	0.01726	16.74	0.04721



Average Power_Non-Beamforming_Radio 2_2T1S_Full RU

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.37	16.31	16.67	19.50	23.98	23.87	Inf
5300MHz	Pass	4.37	16.45	16.54	19.51	23.98	23.88	Inf
5320MHz	Pass	4.37	16.55	16.47	19.52	23.98	23.89	Inf
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.37	16.46	16.76	19.62	23.98	23.99	Inf
5300MHz	Pass	4.37	16.56	16.64	19.61	23.98	23.98	Inf
5320MHz	Pass	4.37	16.03	16.04	19.05	23.98	23.42	Inf
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.37	17.09	17.36	20.24	23.98	24.61	Inf
5310MHz	Pass	4.37	15.43	15.07	18.26	23.98	22.63	Inf
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.37	14.97	14.84	17.92	23.98	22.29	Inf
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	8.91	9.32	12.13	30.00	16.53	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	9.27	9.44	12.37	23.98	16.74	Inf

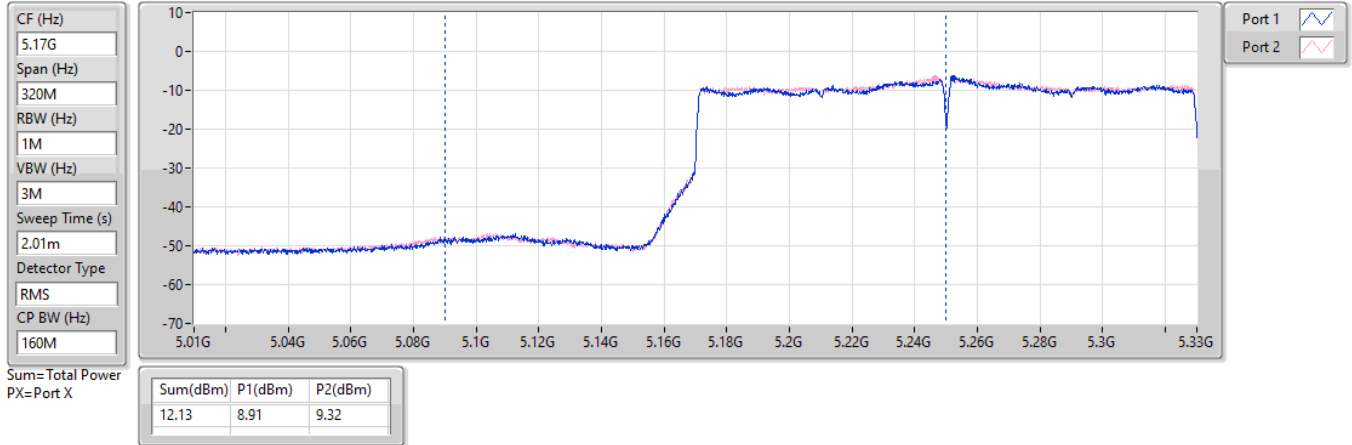
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

15/05/2025

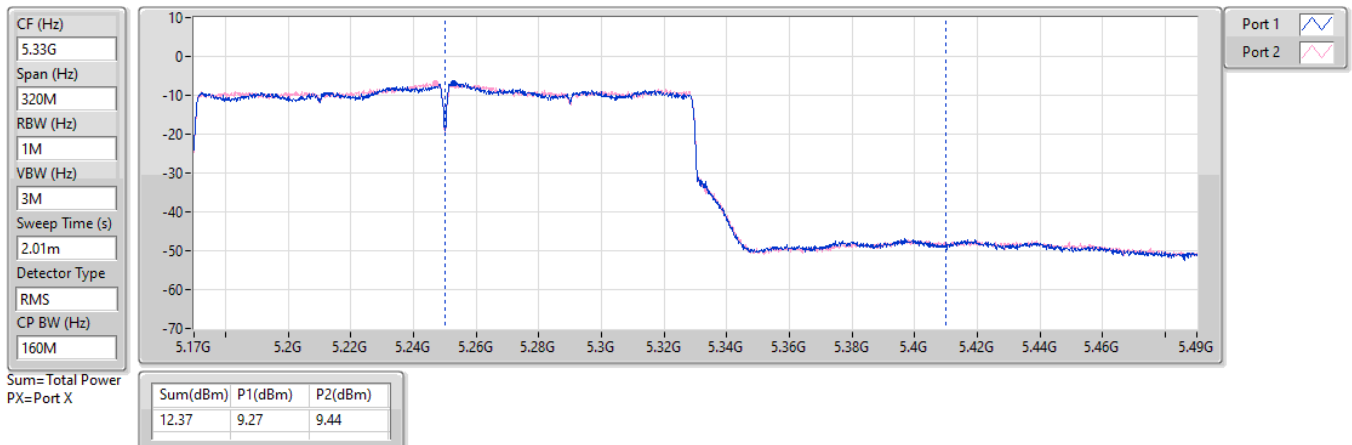


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

15/05/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	9.33	0.00857
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)	13.44	0.02208
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	8.46	0.00701

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)	-	-	-	-	-
5290MHz	Pass	4.37	13.44	13.44	23.98
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	9.33	9.33	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	8.46	8.46	23.98

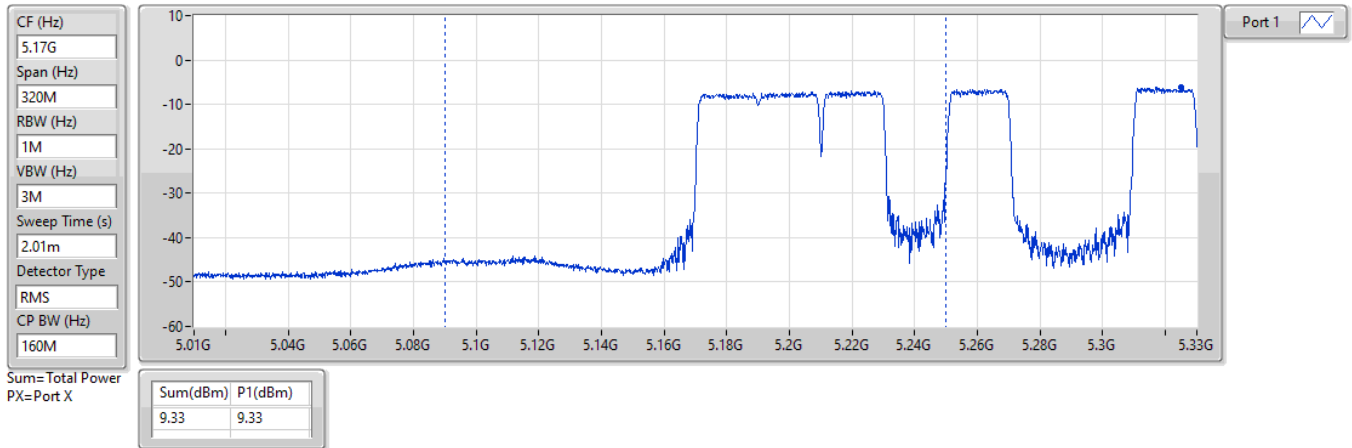
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

20/05/2025

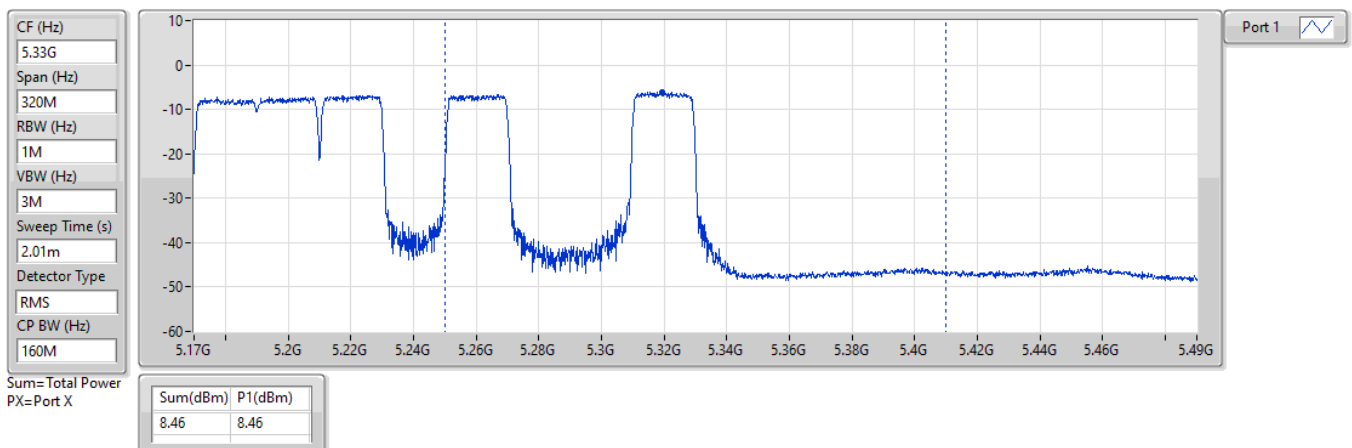


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

20/05/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	10.60	0.01148
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	14.98	0.03148
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	9.34	0.00859

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5290MHz	Pass	4.37	12.04	11.90	14.98	23.98
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	7.93	7.22	10.60	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	6.95	5.61	9.34	23.98

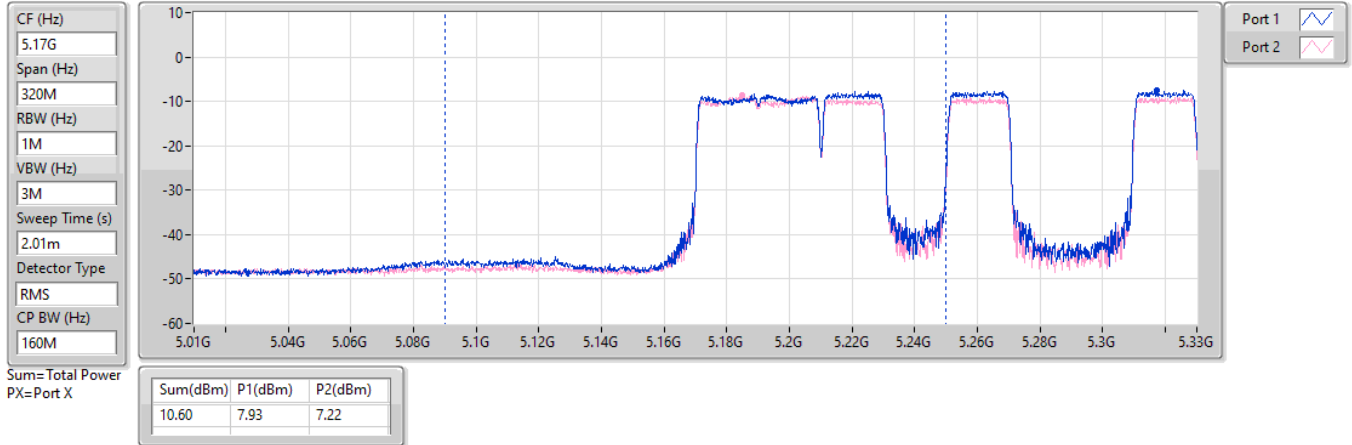
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

20/05/2025

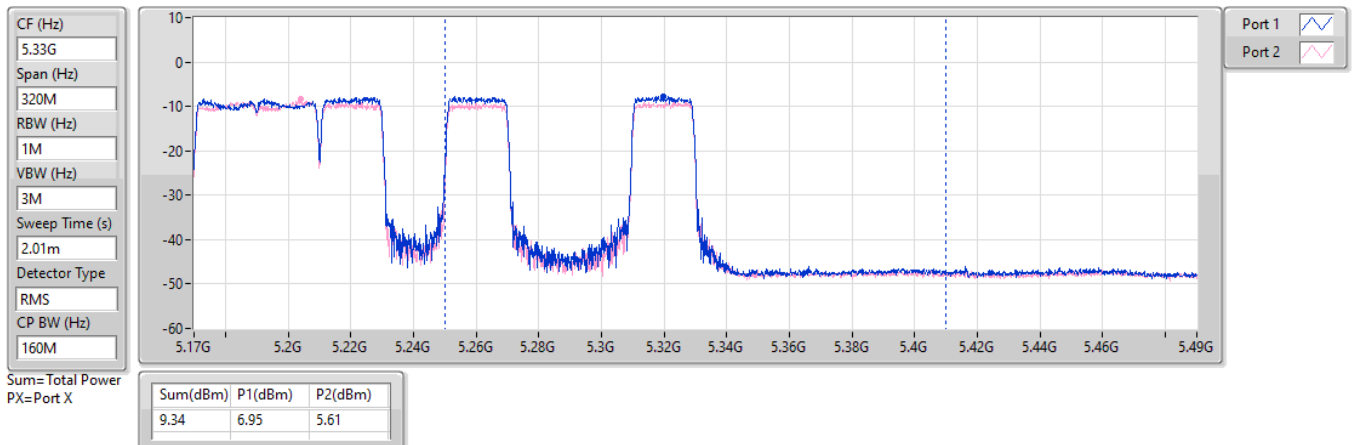


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

20/05/2025





Average_Non-Beamforming_Radio 2_1T1S_Channel Puncturing Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	9.51	0.00893
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)	13.59	0.02286
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	8.65	0.00733



Average_Non-Beamforming_Radio 2_1T1S_Channel Puncturing Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)	-	-	-	-	-
5290MHz	Pass	4.37	13.59	13.59	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	9.12	9.12	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	9.51	9.51	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	8.65	8.65	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	7.72	7.72	23.98

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



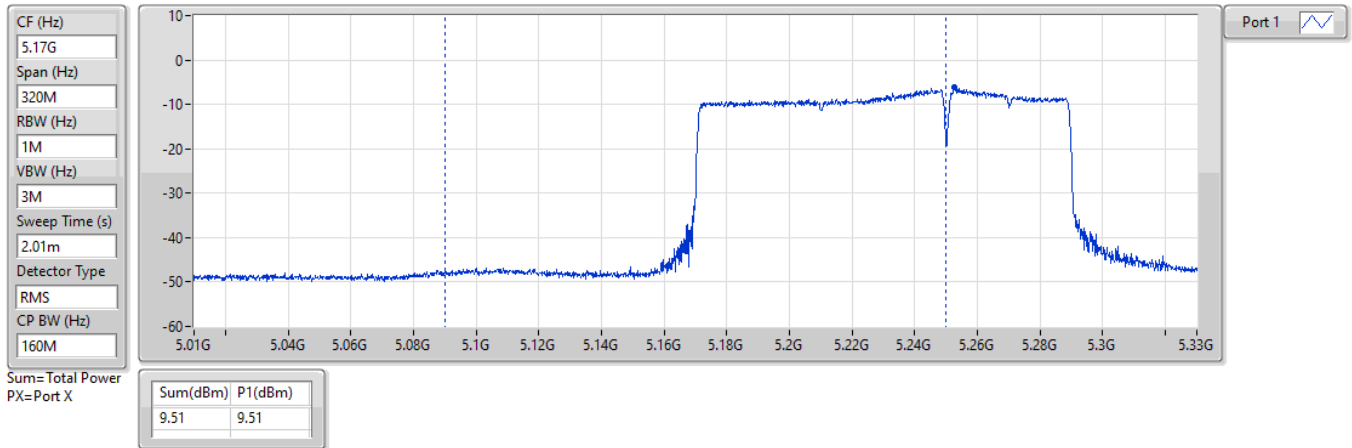
Average_Non-Beamforming_Radio 2_1T1S_Channel Puncturing Appendix C.5

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

17/05/2025

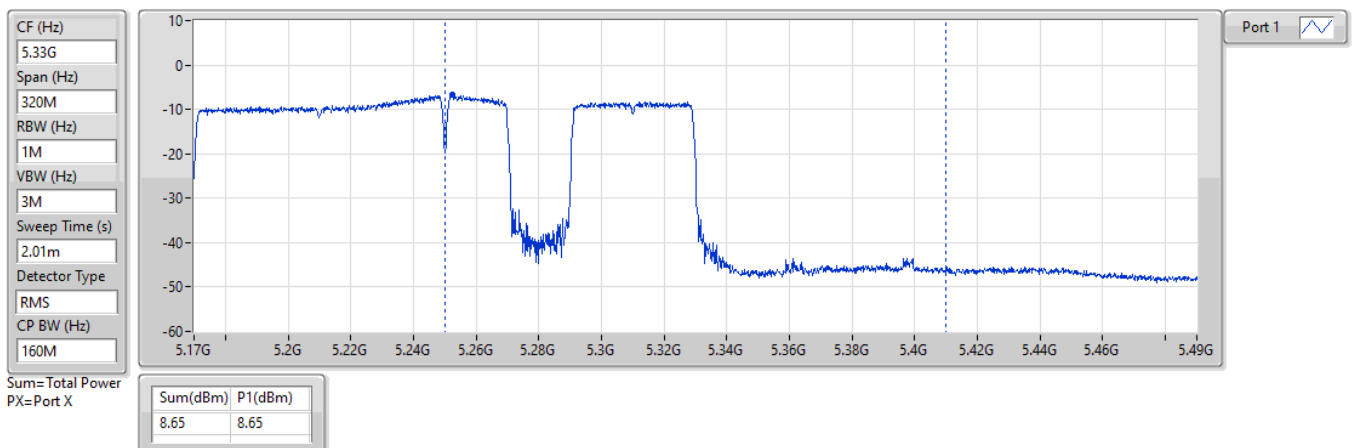


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

17/05/2025





Average Power Non-Beamforming_Radio 2_2T1S_ Channel Puncturing

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	10.56	0.01138
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	14.38	0.02742
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	10.88	0.01225



Average Power_Non-Beamforming_Radio 2_2T1S_ Channel Puncturing

Appendix C.6

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5290MHz	Pass	4.37	11.26	11.47	14.38	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	7.43	7.66	10.56	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	3.44	3.65	6.56	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	6.42	6.30	9.37	23.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	8.05	7.68	10.88	23.98

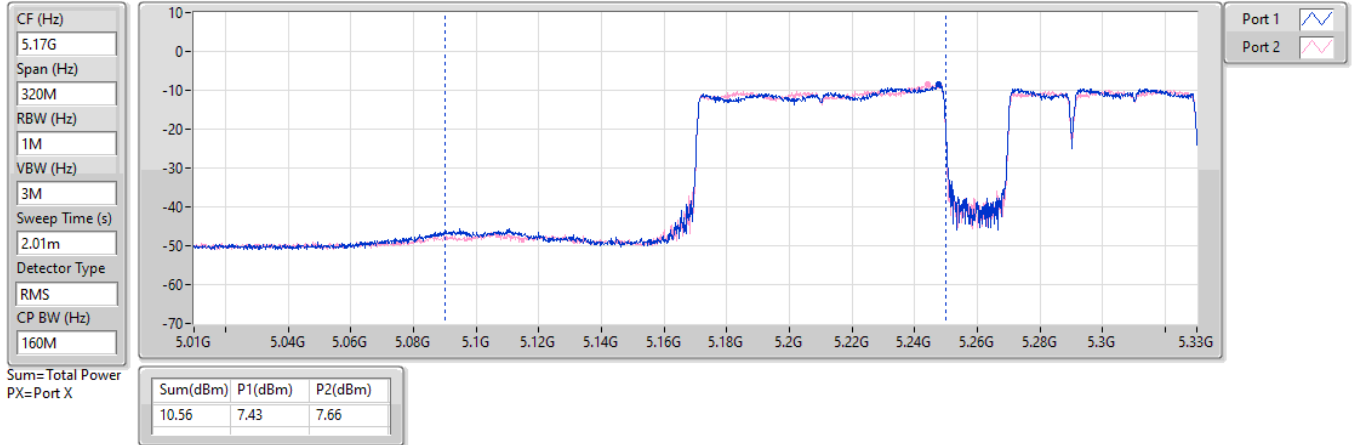
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

18/05/2025

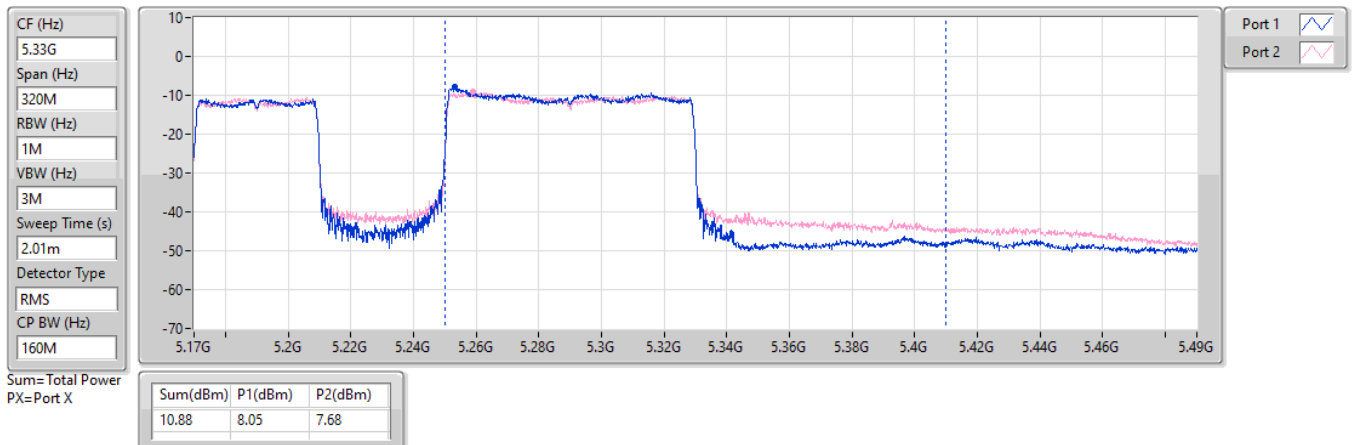


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

18/05/2025





Average Power_Non-Beamforming_Scan Radio

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	17.01	0.05023
802.11ax HEW20_Nss1,(MCS0)_1TX	16.51	0.04477



Average Power_Non-Beamforming_Scan Radio

Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	4.12	16.15	16.15	23.98
5300MHz	Pass	4.12	16.63	16.63	23.98
5320MHz	Pass	4.12	17.01	17.01	23.56
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	4.12	15.79	15.79	23.98
5300MHz	Pass	4.12	16.21	16.21	23.98
5320MHz	Pass	4.12	16.51	16.51	23.98

DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160-BF_Nss1,(MCS0)_2TX	12.13	0.01633
5.25-5.35GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	19.62	0.09162
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.24	0.10568
802.11be EHT80-BF_Nss1,(MCS0)_2TX	17.92	0.06194
802.11be EHT160-BF_Nss1,(MCS0)_2TX	12.37	0.01726

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.95	16.46	16.76	19.62	23.98
5300MHz	Pass	5.95	16.56	16.64	19.61	23.98
5320MHz	Pass	5.95	16.03	16.04	19.05	23.98
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.95	17.09	17.36	20.24	23.98
5310MHz	Pass	5.95	15.43	15.07	18.26	23.98
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.95	14.97	14.84	17.92	23.98
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.74	8.91	9.32	12.13	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.95	9.27	9.44	12.37	23.98

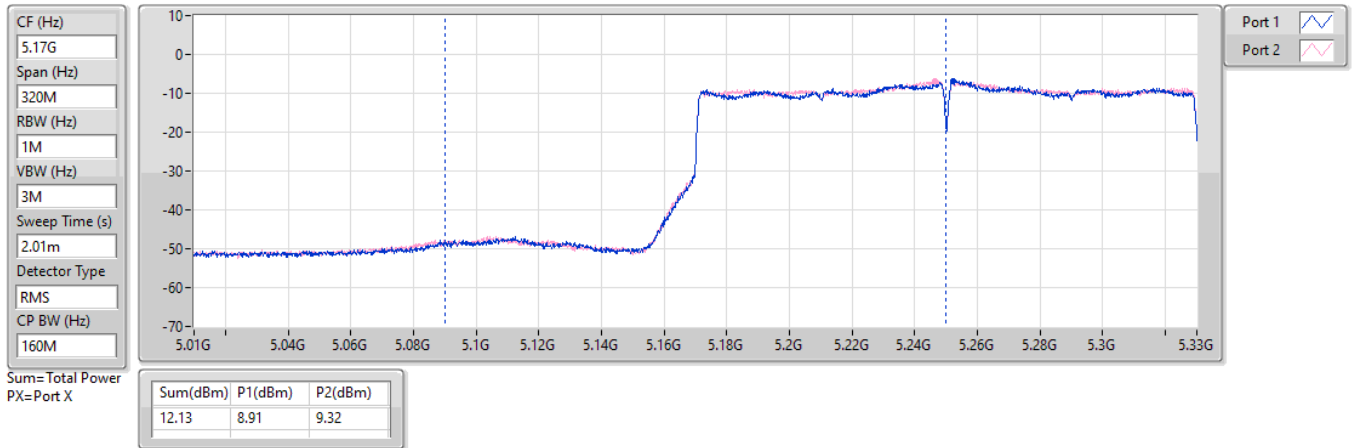
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

15/05/2025

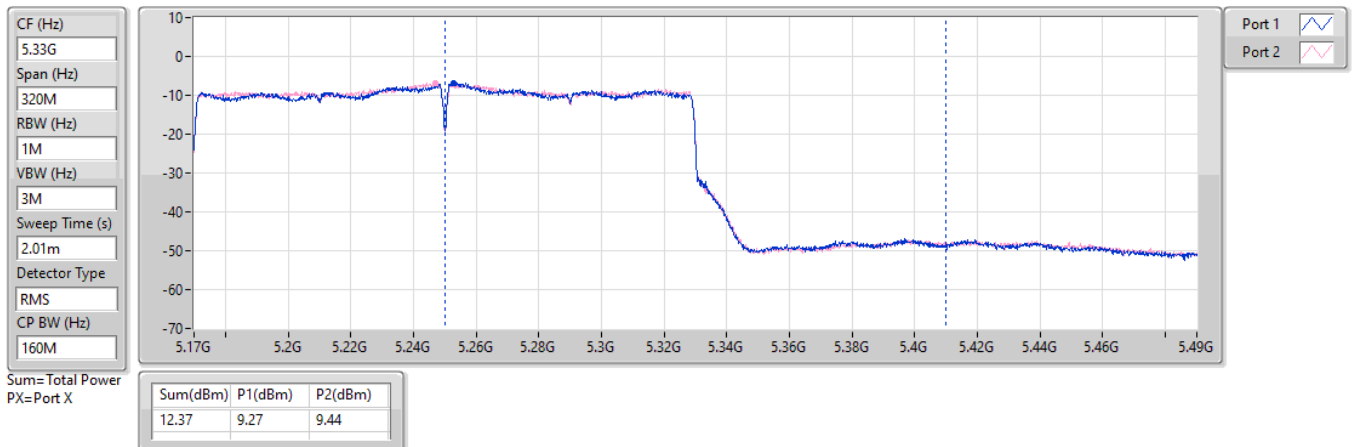


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

15/05/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	-6.37
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	4.80
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	4.39
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	2.22
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	-1.26
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	-6.40

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-
5260MHz	Pass	4.37	4.46	4.46	11.00
5300MHz	Pass	4.37	4.78	4.78	11.00
5320MHz	Pass	4.37	4.80	4.80	11.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5260MHz	Pass	4.37	3.97	3.97	11.00
5300MHz	Pass	4.37	4.37	4.37	11.00
5320MHz	Pass	4.37	4.39	4.39	11.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5270MHz	Pass	4.37	2.05	2.05	11.00
5310MHz	Pass	4.37	2.22	2.22	11.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5290MHz	Pass	4.37	-1.26	-1.26	11.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	-6.37	-6.37	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	-6.40	-6.40	11.00

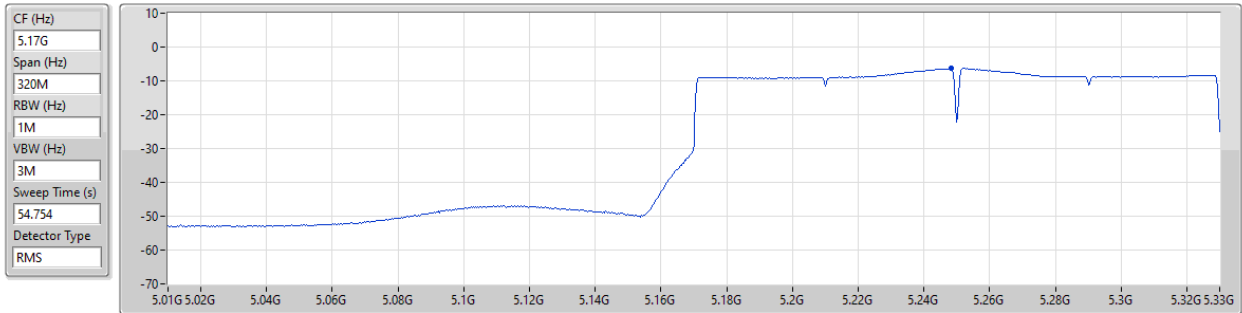
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port1)

PSD

5250MHz Straddle 5.15-5.25GHz

15/05/2025

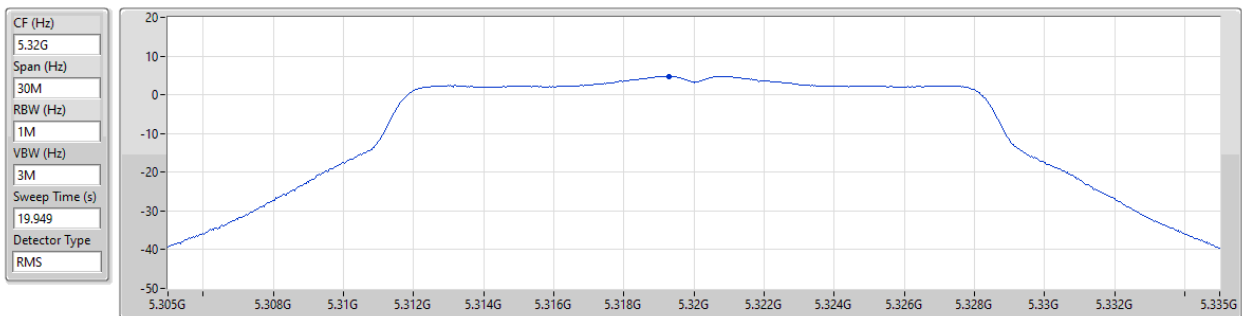


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

PSD

5320MHz

15/05/2025



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

PSD

5320MHz

15/05/2025

CF (Hz)
5.32G

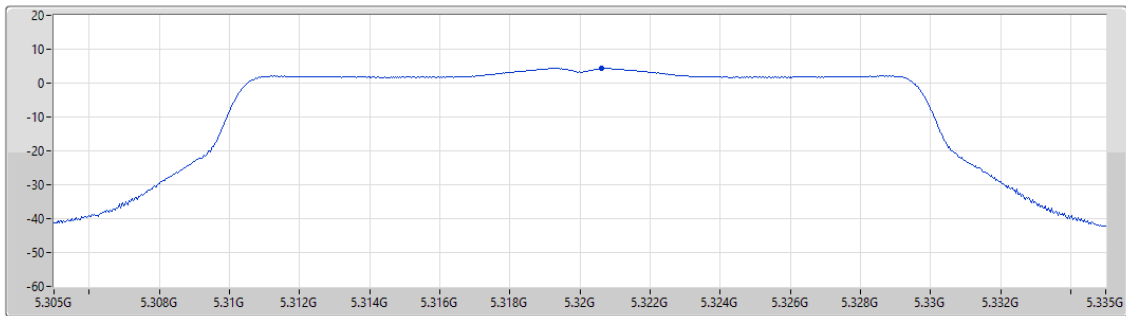
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.763

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.39	4.39	4.39

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port1)

PSD

5310MHz

15/05/2025

CF (Hz)
5.31G

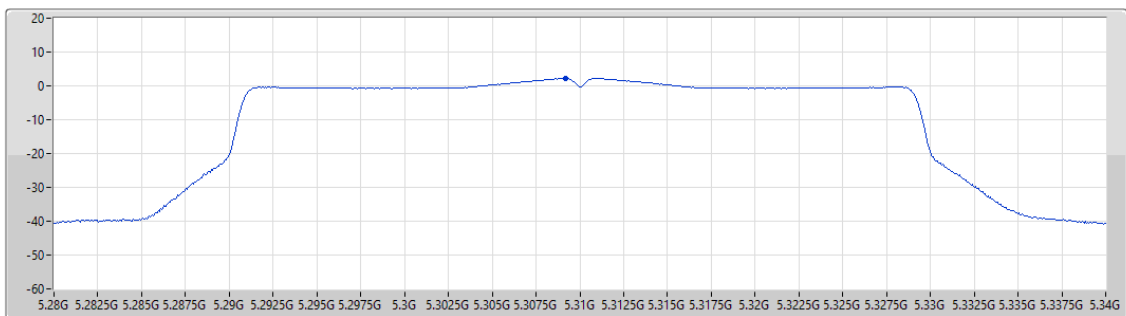
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.22	2.22	2.22

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port1)

PSD

5290MHz

23/05/2025

CF (Hz)
5.29G

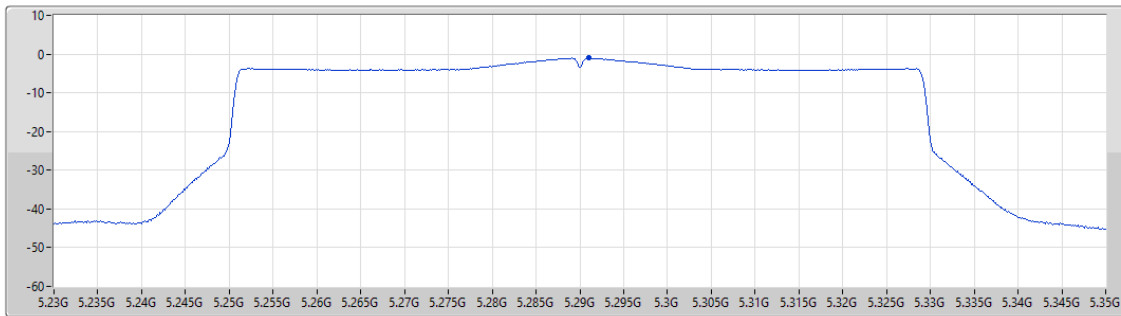
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.754

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.01	-1.01	-1.01

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port1)

PSD

5250MHz Straddle 5.25-5.35GHz

15/05/2025

CF (Hz)
5.33G

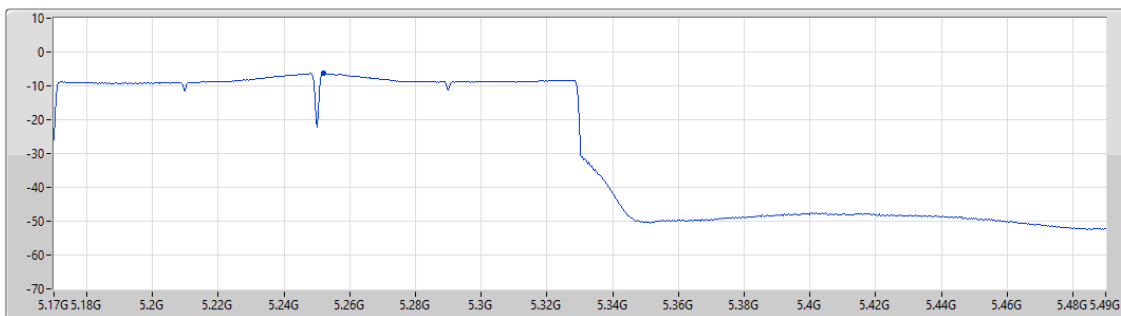
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.754

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.40	-6.40	-6.40



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	-6.02	-0.28
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.07	14.02
802.11be EHT20_Nss1,(MCS0)_2TX	7.40	13.35
802.11be EHT40_Nss1,(MCS0)_2TX	5.42	11.37
802.11be EHT80_Nss1,(MCS0)_2TX	-0.19	5.76
802.11be EHT160_Nss1,(MCS0)_2TX	-5.81	0.14

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.95	5.01	5.16	8.03	11.00	13.98	Inf
5300MHz	Pass	5.95	5.07	4.84	7.95	11.00	13.90	Inf
5320MHz	Pass	5.95	5.19	4.99	8.07	11.00	14.02	Inf
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.95	4.47	4.36	7.40	11.00	13.35	Inf
5300MHz	Pass	5.95	4.36	4.19	7.28	11.00	13.23	Inf
5320MHz	Pass	5.95	3.80	3.60	6.69	11.00	12.64	Inf
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.95	2.54	2.39	5.42	11.00	11.37	Inf
5310MHz	Pass	5.95	0.51	-0.21	3.14	11.00	9.09	Inf
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.95	-2.84	-3.55	-0.19	11.00	5.76	Inf
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.74	-9.19	-8.79	-6.02	17.00	-0.28	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	5.95	-8.62	-8.95	-5.81	11.00	0.14	Inf

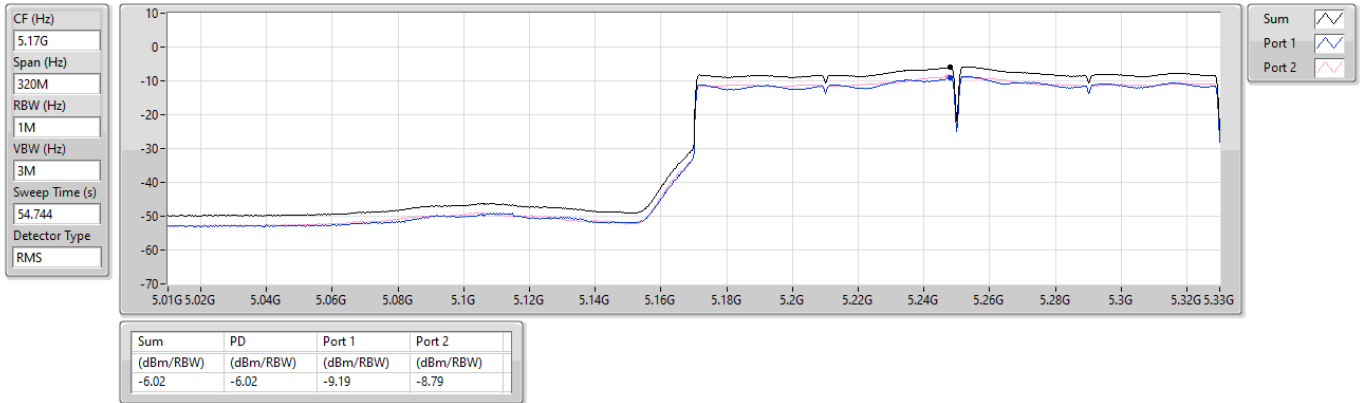
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

15/05/2025

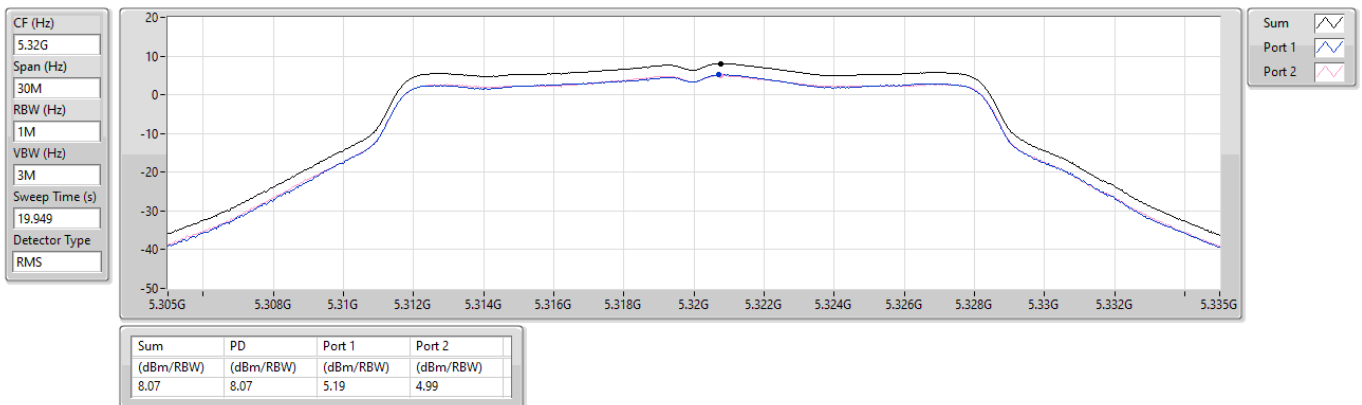


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

15/05/2025



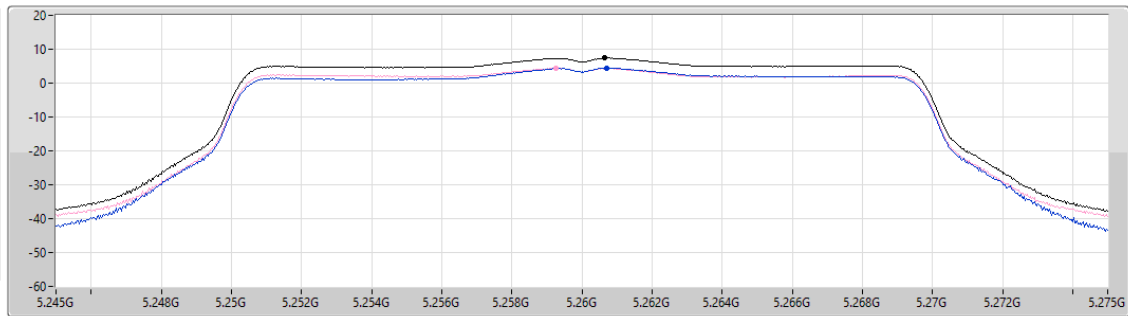
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

15/05/2025

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.763
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.40	7.40	4.47	4.36

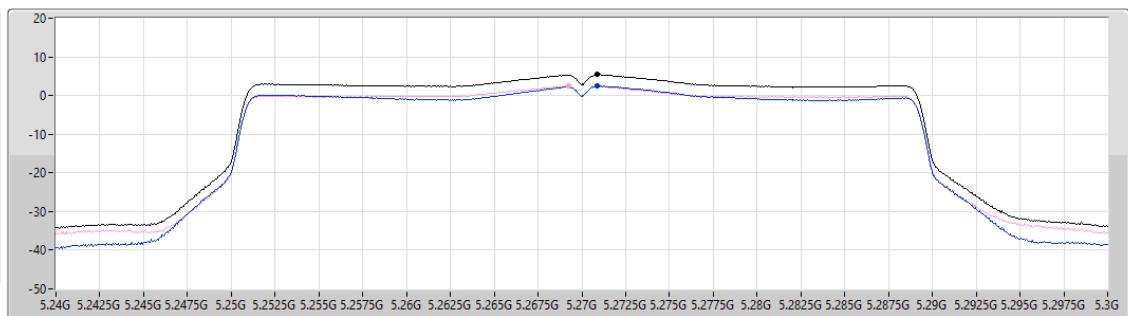
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

15/05/2025

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.753
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.42	5.42	2.54	2.39

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

15/05/2025

CF (Hz)
5.29G

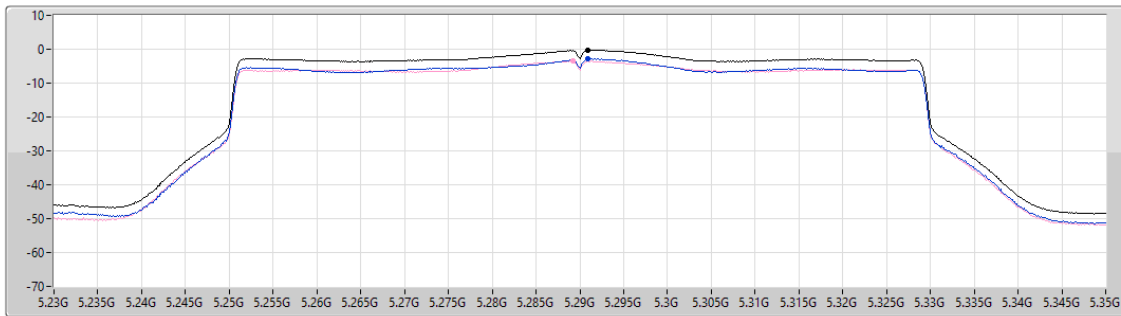
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.754

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.19	-0.19	-2.84	-3.55

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

15/05/2025

CF (Hz)
5.33G

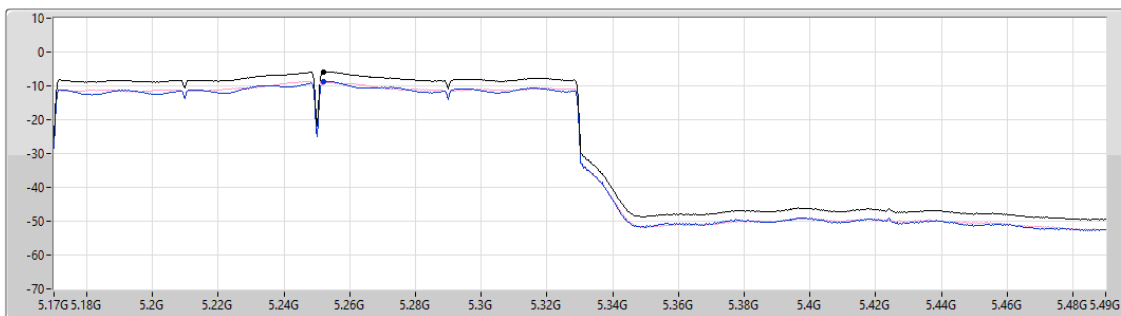
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.81	-5.81	-8.62	-8.95



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	-8.53	-4.13
5.25-5.35GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)	-3.64	0.73
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	-7.82	-3.45

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)	Port 1 (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)	-	-	-	-	-	-	-
5290MHz	Pass	4.37	-3.64	11.00	0.73	Inf	-3.64
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	-8.53	17.00	-4.13	Inf	-8.53
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	-7.82	11.00	-3.45	Inf	-7.82

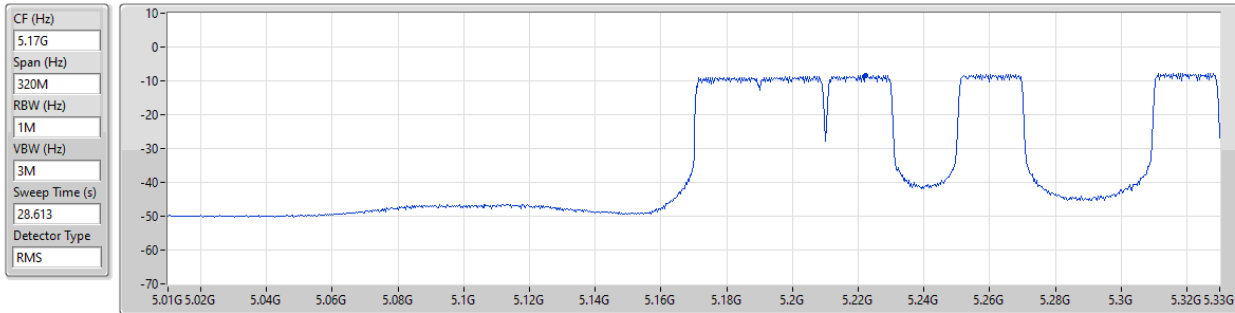
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)

PSD

5250MHz Straddle 5.15-5.25GHz

20/05/2025



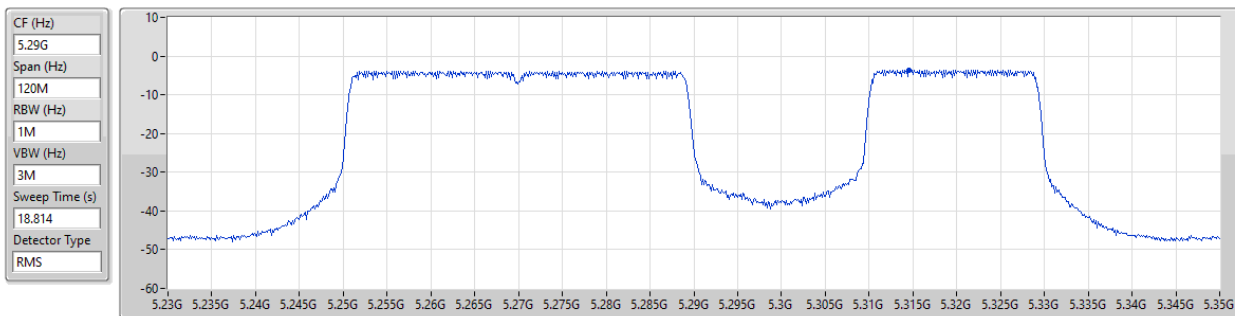
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.53	-8.53	-8.53

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)

PSD

5290MHz

20/05/2025



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.64	-3.64	-3.64

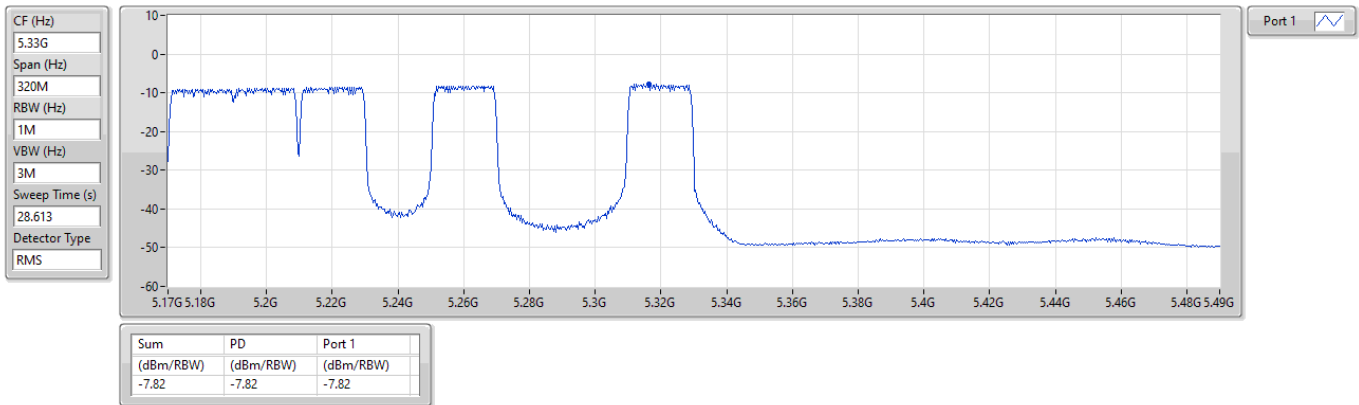


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)

PSD

5250MHz Straddle 5.25-5.35GHz

20/05/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-7.29
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-2.55
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-6.97

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5290MHz	Pass	5.95	-4.99	-5.23	-2.55	11.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.74	-9.63	-10.24	-7.29	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.95	-9.32	-10.58	-6.97	11.00

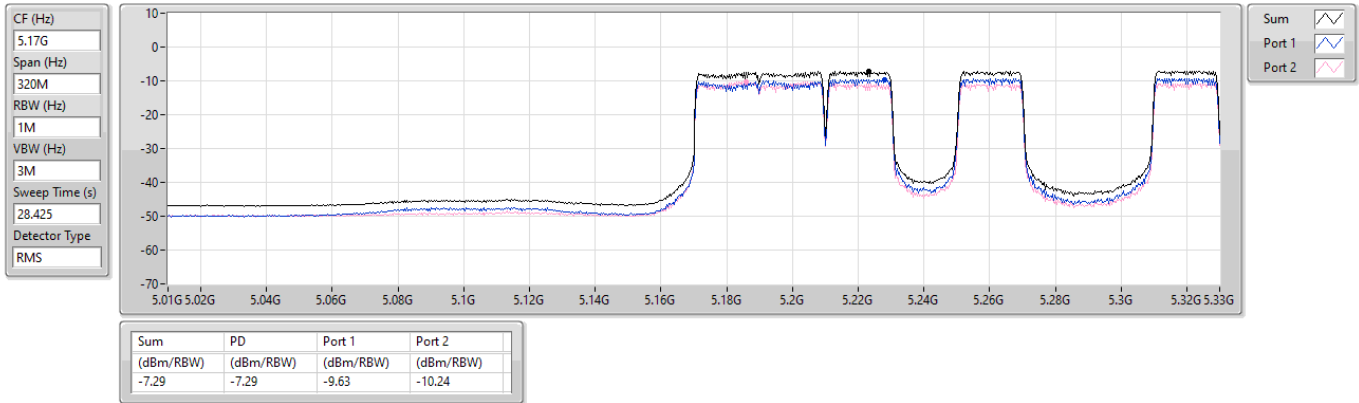
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

20/05/2025

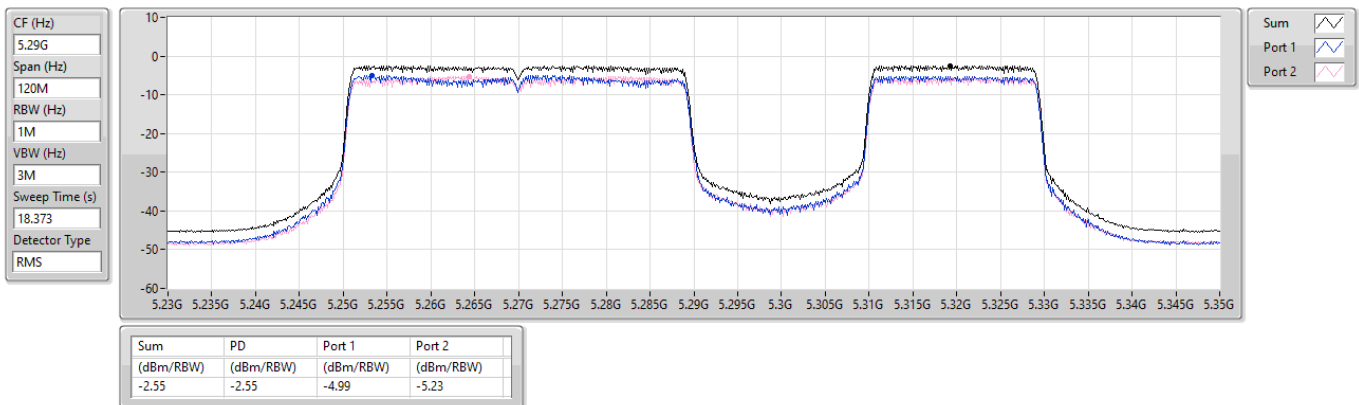


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX

PSD

5290MHz

20/05/2025

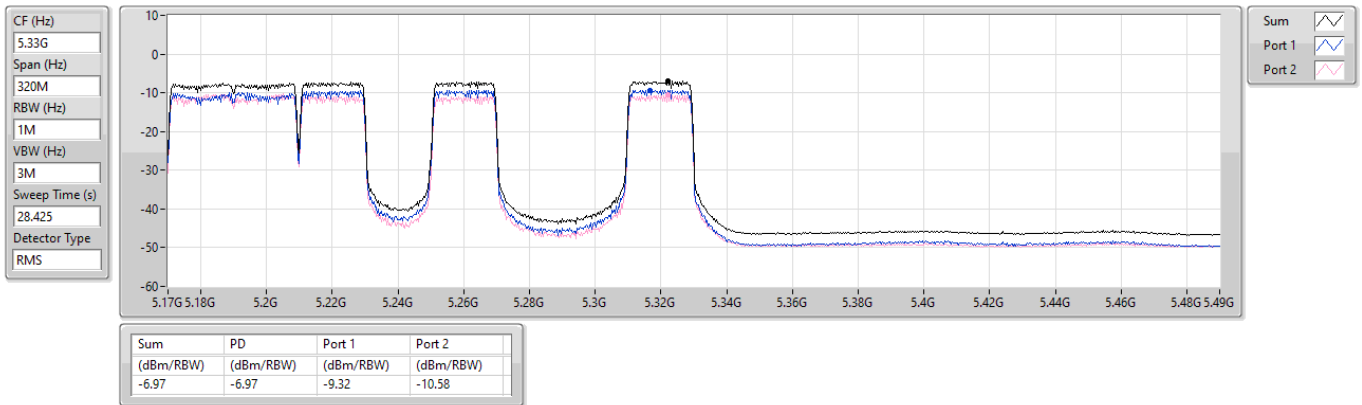


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

20/05/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	-8.42
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)	-2.61
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	-8.12

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)	-	-	-	-	-
5290MHz	Pass	4.37	-2.61	-2.61	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	-8.85	-8.85	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.40	-8.42	-8.42	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	-8.65	-8.65	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	-8.12	-8.12	11.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

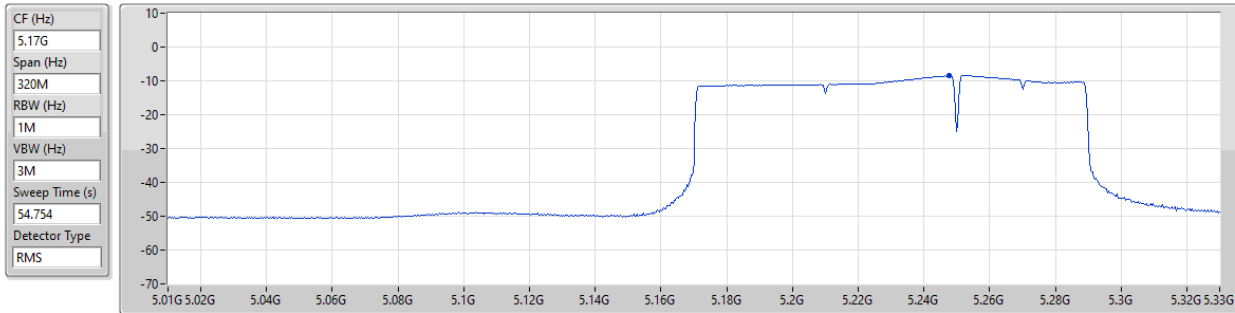


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)

PSD

5250MHz Straddle 5.15-5.25GHz

17/05/2025



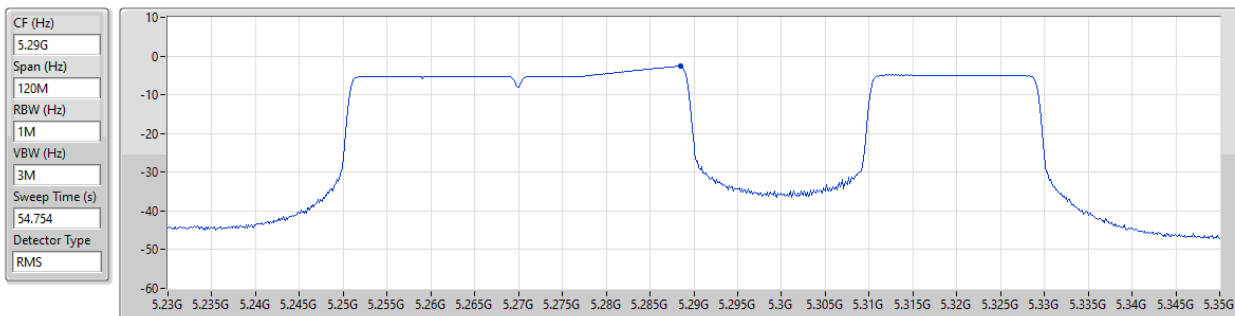
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.42	-8.42	-8.42

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)

PSD

5290MHz

17/05/2025



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.61	-2.61	-2.61

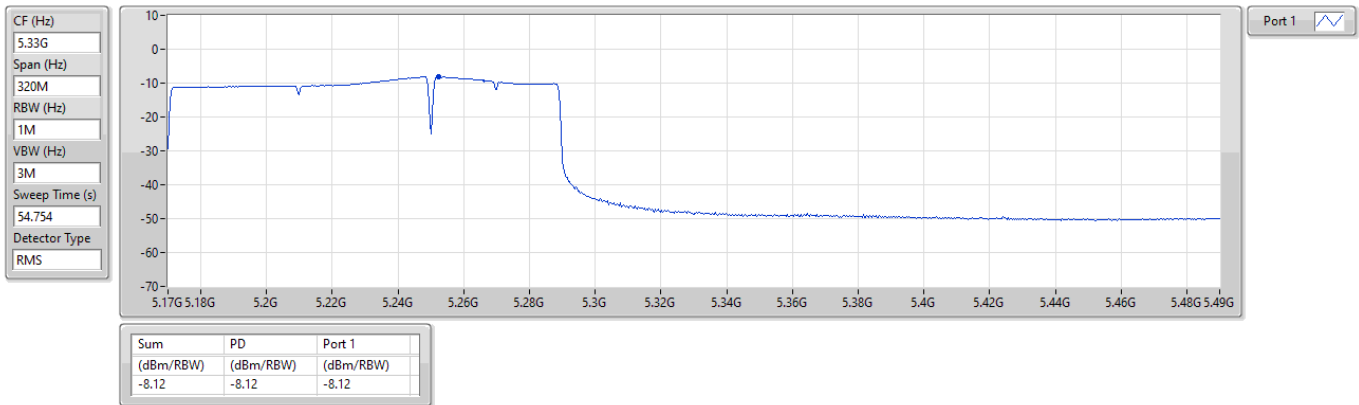


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)

PSD

5250MHz Straddle 5.25-5.35GHz

17/05/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-7.50
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-2.24
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-7.57

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5290MHz	Pass	5.95	-5.16	-5.26	-2.24	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.74	-10.39	-10.39	-7.50	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.74	-12.80	-12.69	-10.00	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.95	-11.56	-11.85	-8.85	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.95	-9.83	-11.17	-7.57	11.00

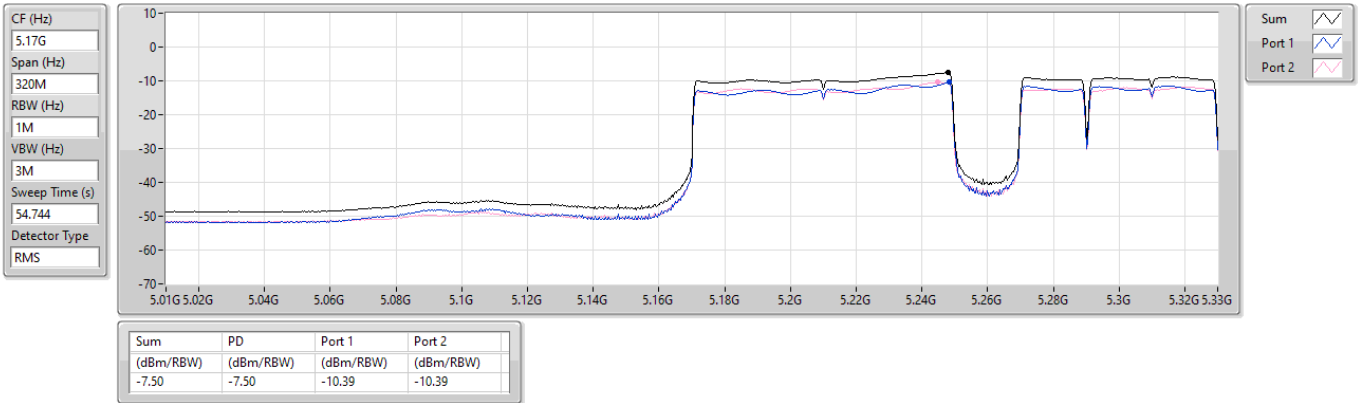
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

18/05/2025

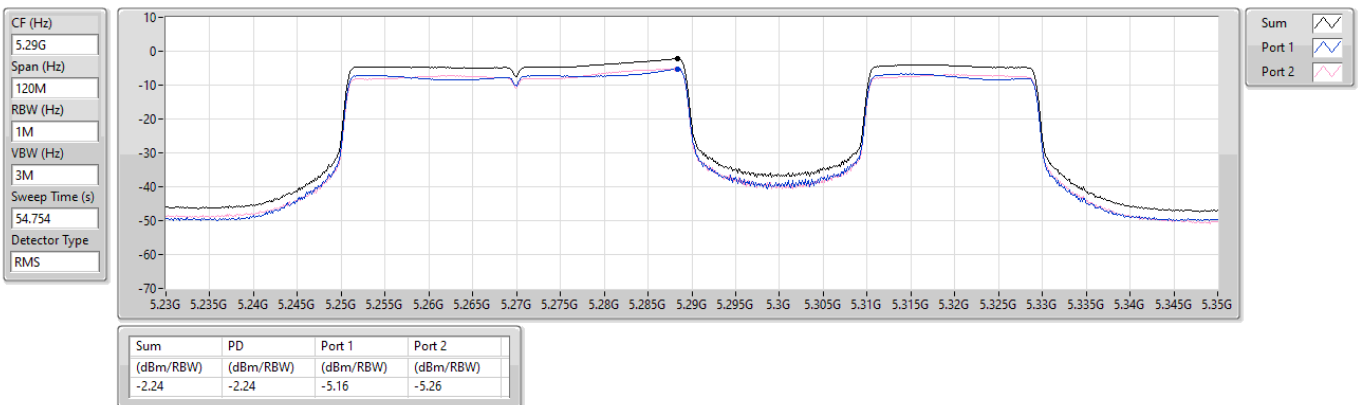


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX

PSD

5290MHz

18/05/2025



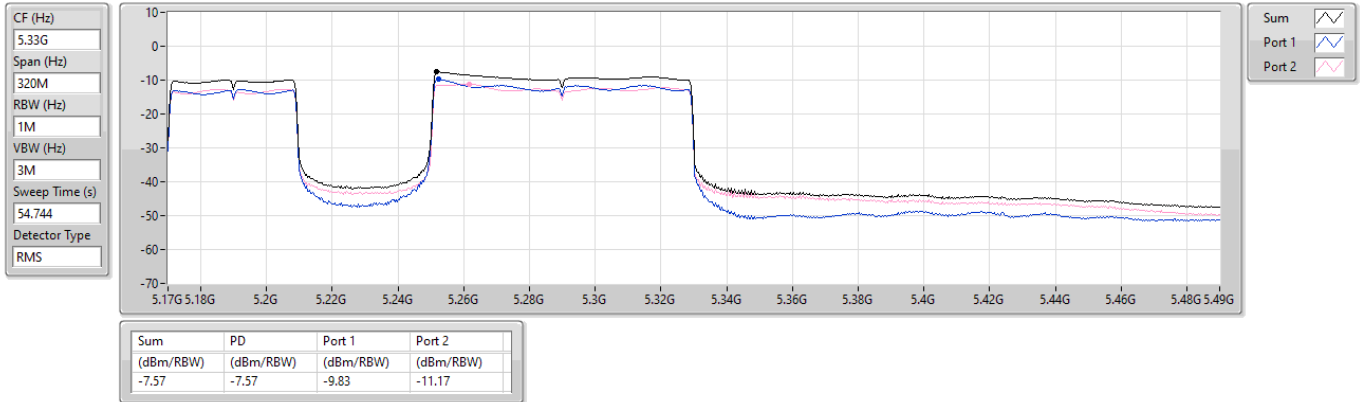


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

18/05/2025





Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.35
802.11ax HEW20_Nss1,(MCS0)_1TX	4.52

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	4.12	4.64	4.64	11.00
5300MHz	Pass	4.12	5.08	5.08	11.00
5320MHz	Pass	4.12	5.35	5.35	11.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	4.12	3.81	3.81	11.00
5300MHz	Pass	4.12	4.22	4.22	11.00
5320MHz	Pass	4.12	4.52	4.52	11.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

07/06/2025

CF (Hz)
5.32G

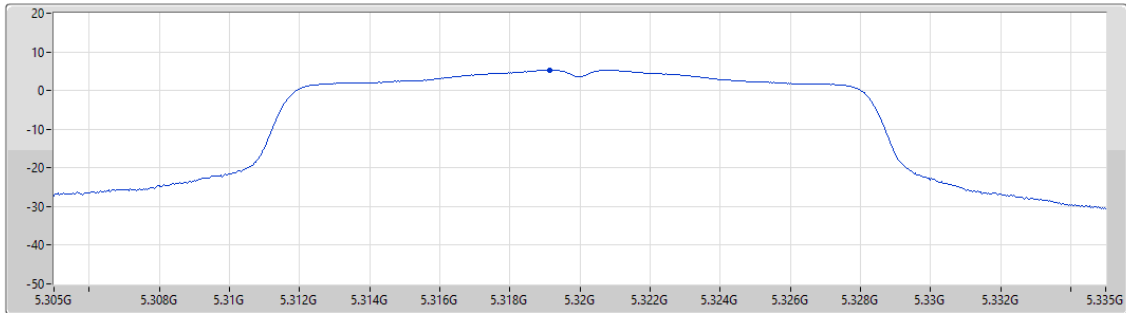
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.146

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.35	5.35	5.35

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

07/06/2025

CF (Hz)
5.32G

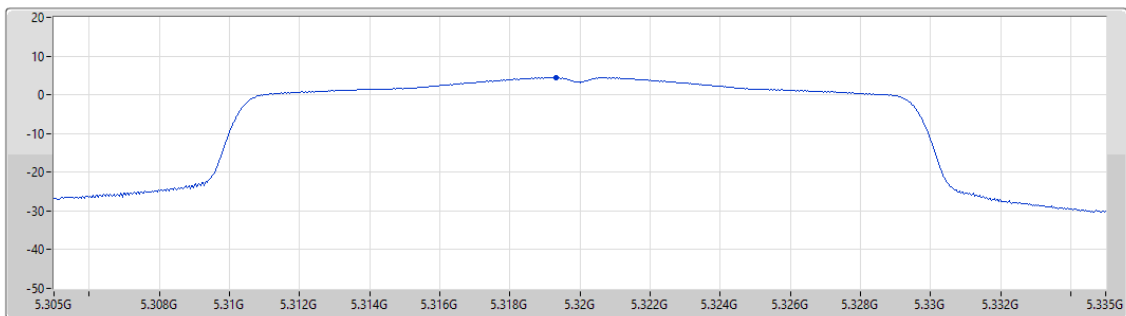
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.679

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.52	4.52	4.52



RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.1

Summary

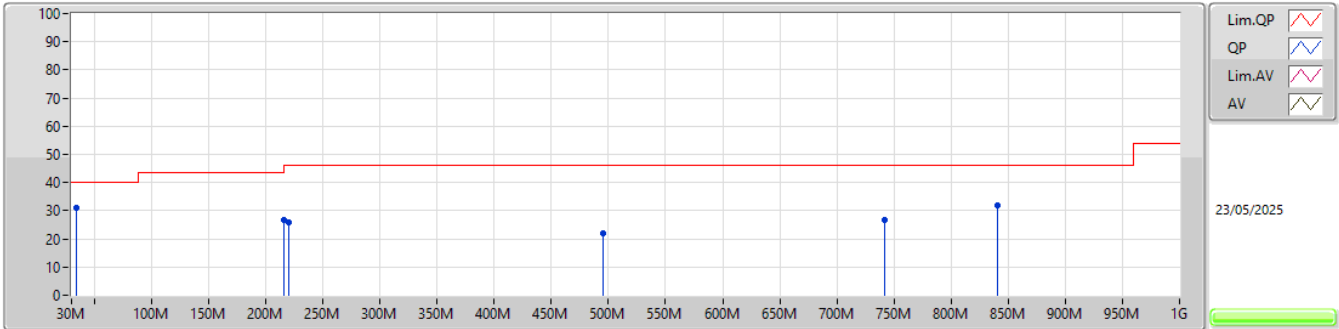
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	Pass	PK	33.88M	30.91	40.00	-9.09	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
5290MHz_PoE	Pass	PK	33.88M	30.91	40.00	-9.09	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	216.24M	26.86	46.00	-19.14	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	220.12M	26.04	46.00	-19.96	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	495.6M	22.11	46.00	-23.89	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	741.98M	26.83	46.00	-19.17	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	840.92M	31.89	46.00	-14.11	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	31.94M	27.65	40.00	-12.35	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	214.3M	29.36	43.50	-14.14	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	220.12M	29.23	46.00	-16.77	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	522.76M	22.50	46.00	-23.50	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	747.8M	26.99	46.00	-19.01	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	840.92M	33.03	46.00	-12.97	3	Horizontal	0	1.00

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

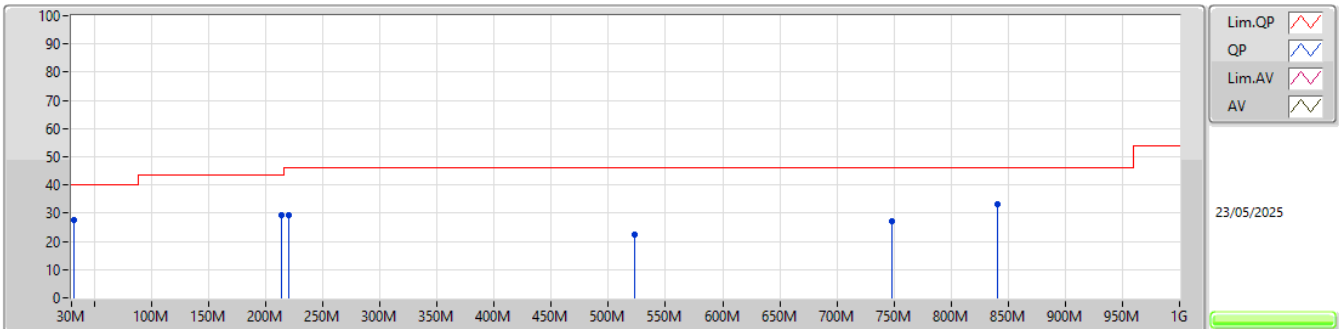
5290MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.88M	30.91	40.00	-9.09	-14.94	3	Vertical	360	1.00	45.85	21.60	0.66	37.20
PK	216.24M	26.86	46.00	-19.14	-20.71	3	Vertical	360	1.00	47.57	13.81	1.72	36.24
PK	220.12M	26.04	46.00	-19.96	-20.26	3	Vertical	360	1.00	46.30	14.24	1.74	36.24
PK	495.6M	22.11	46.00	-23.89	-11.38	3	Vertical	360	1.00	33.49	22.77	2.76	36.91
PK	741.98M	26.83	46.00	-19.17	-7.10	3	Vertical	360	1.00	33.93	26.82	3.45	37.37
PK	840.92M	31.89	46.00	-14.11	-5.61	3	Vertical	360	1.00	37.50	28.09	3.75	37.45

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5290MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.94M	27.65	40.00	-12.35	-14.06	3	Horizontal	0	1.00	41.71	22.53	0.63	37.22
PK	214.3M	29.36	43.50	-14.14	-20.71	3	Horizontal	0	1.00	50.07	13.81	1.72	36.24
PK	220.12M	29.23	46.00	-16.77	-20.26	3	Horizontal	0	1.00	49.49	14.24	1.74	36.24
PK	522.76M	22.50	46.00	-23.50	-11.04	3	Horizontal	0	1.00	33.54	23.08	2.84	36.96
PK	747.8M	26.99	46.00	-19.01	-6.91	3	Horizontal	0	1.00	33.90	27.01	3.46	37.38
PK	840.92M	33.03	46.00	-12.97	-5.61	3	Horizontal	0	1.00	38.64	28.09	3.75	37.45



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	Pass	AV	10.63432G	44.96	54.00	-9.04	3	Horizontal	218	1.50



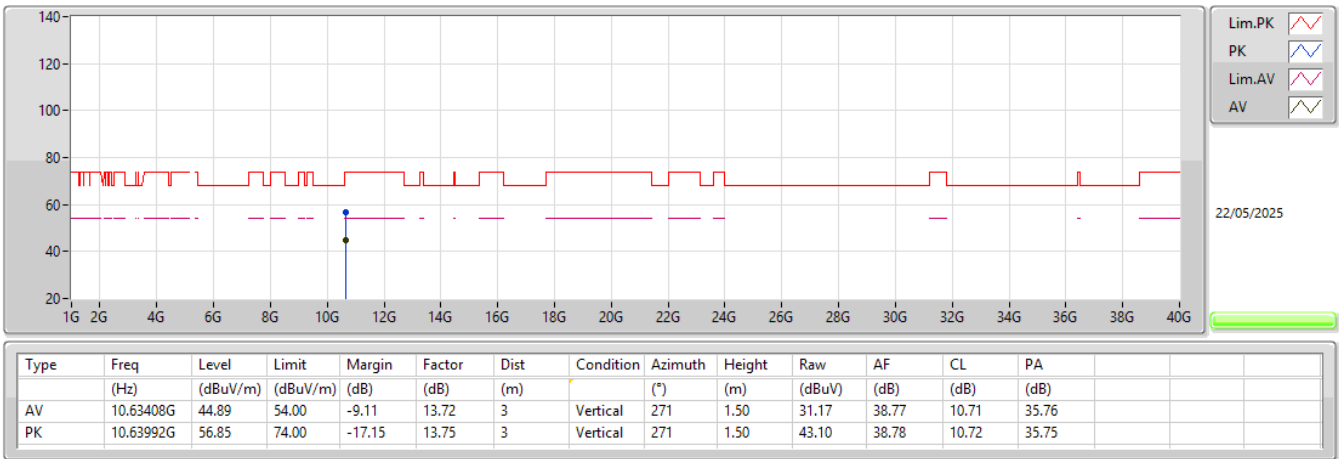
RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.2

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
5310MHz_TX	Pass	AV	10.63408G	44.89	54.00	-9.11	3	Vertical	271	1.50
5310MHz_TX	Pass	PK	10.63992G	56.85	74.00	-17.15	3	Vertical	271	1.50
5310MHz_TX	Pass	AV	10.63432G	44.96	54.00	-9.04	3	Horizontal	218	1.50
5310MHz_TX	Pass	PK	10.6268G	57.10	74.00	-16.90	3	Horizontal	218	1.50

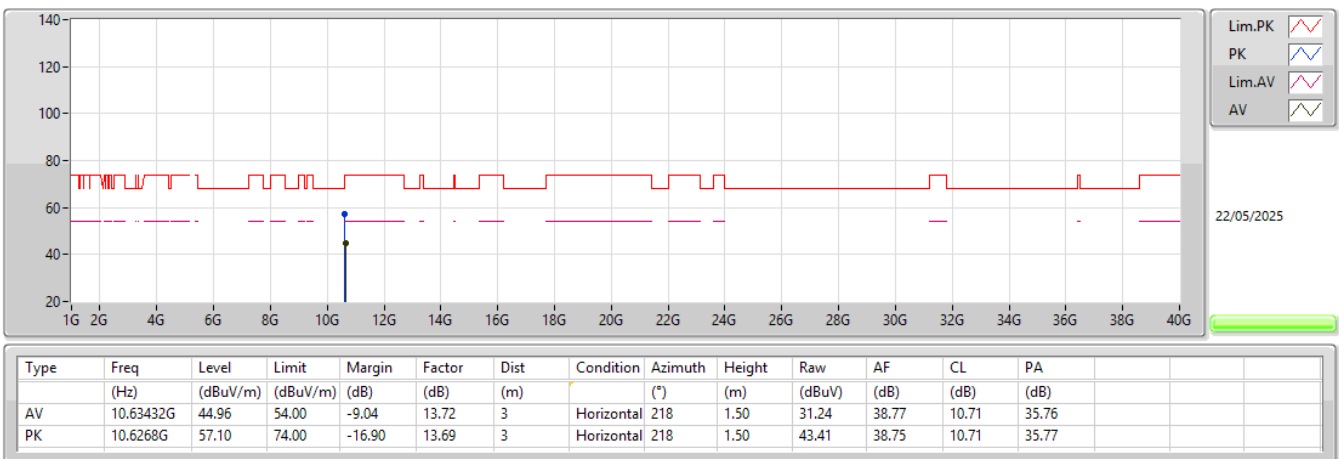
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port1)

5310MHz_TX



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port1)

5310MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.3

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	33.88M	32.44	40.00	-7.56	3	Vertical	360	1.00



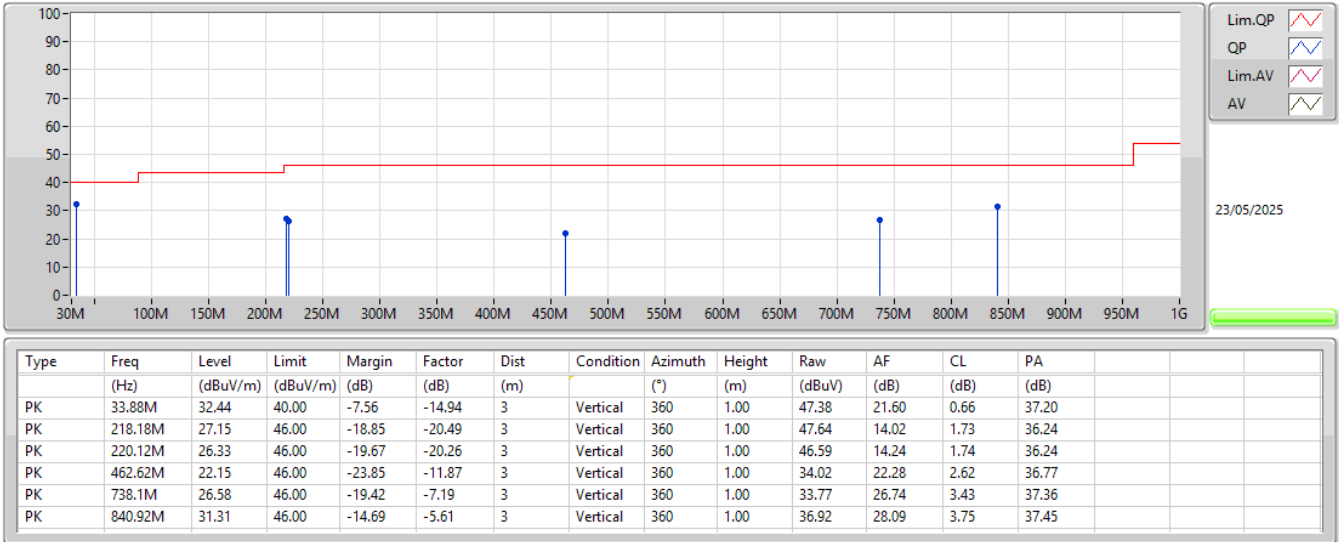
RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.3

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz_PoE	Pass	PK	33.88M	32.44	40.00	-7.56	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	218.18M	27.15	46.00	-18.85	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	220.12M	26.33	46.00	-19.67	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	462.62M	22.15	46.00	-23.85	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	738.1M	26.58	46.00	-19.42	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	840.92M	31.31	46.00	-14.69	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	31.94M	28.41	40.00	-11.59	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	218.18M	29.76	46.00	-16.24	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	220.12M	28.80	46.00	-17.20	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	491.72M	22.21	46.00	-23.79	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	710.94M	27.13	46.00	-18.87	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	840.92M	30.73	46.00	-15.27	3	Horizontal	0	1.00

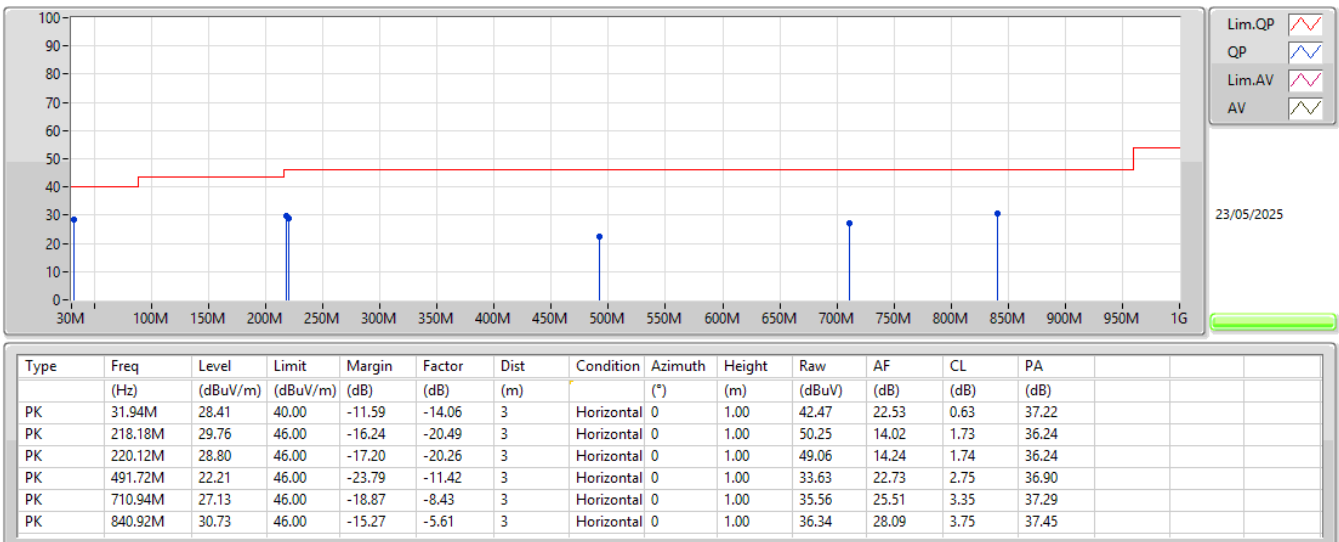
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5290MHz_PoE



5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5290MHz_PoE





RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.4

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	10.55896G	57.38	68.20	-10.82	3	Vertical	244	2.66



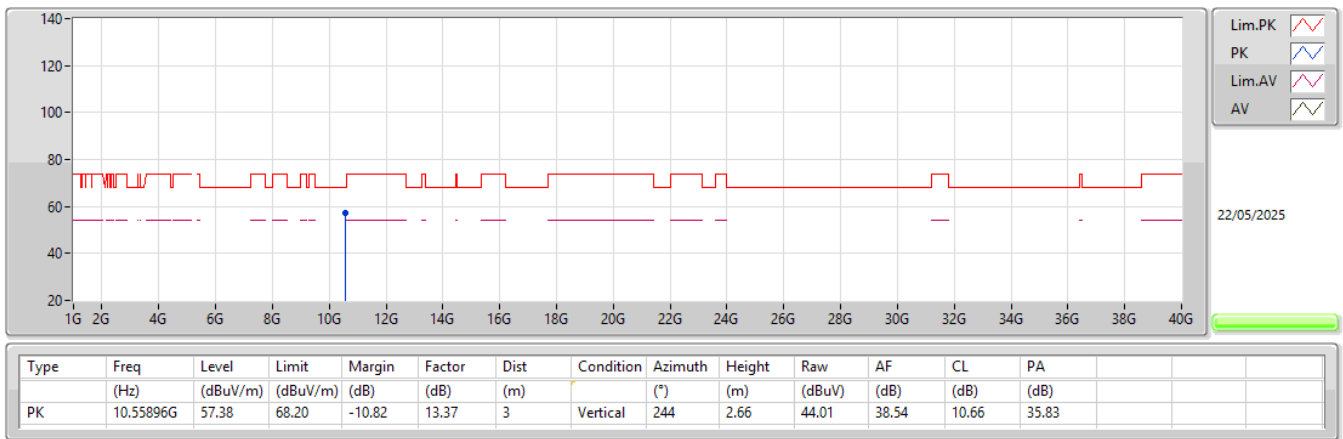
RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.4

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TX	Pass	PK	10.55896G	57.38	68.20	-10.82	3	Vertical	244	2.66
5270MHz_TX	Pass	PK	10.5224G	57.04	68.20	-11.16	3	Horizontal	103	1.50

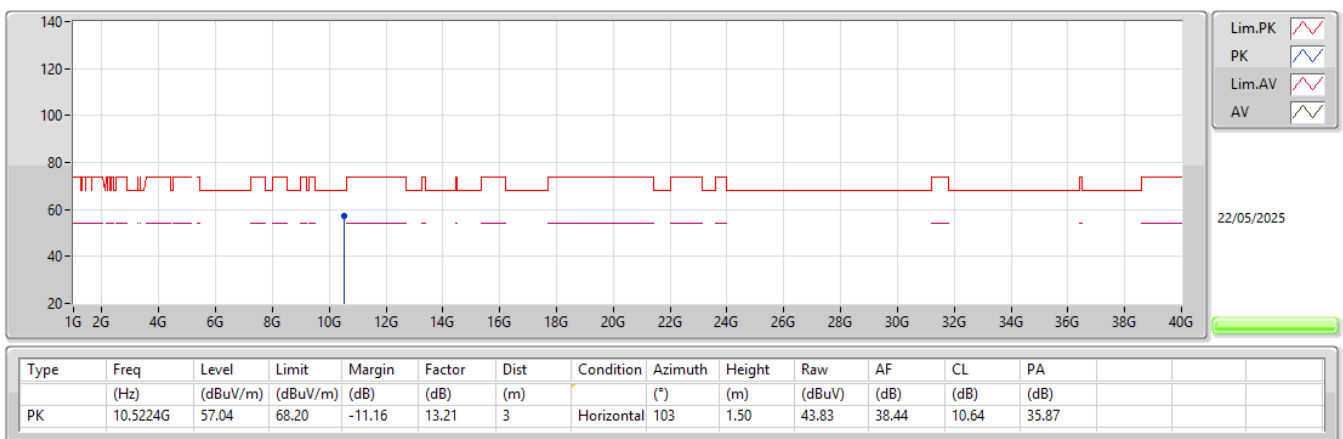
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5270MHz_TX



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5270MHz_TX





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	Pass	PK	10.5736G	57.23	68.20	-10.97	3	Horizontal	63	1.50



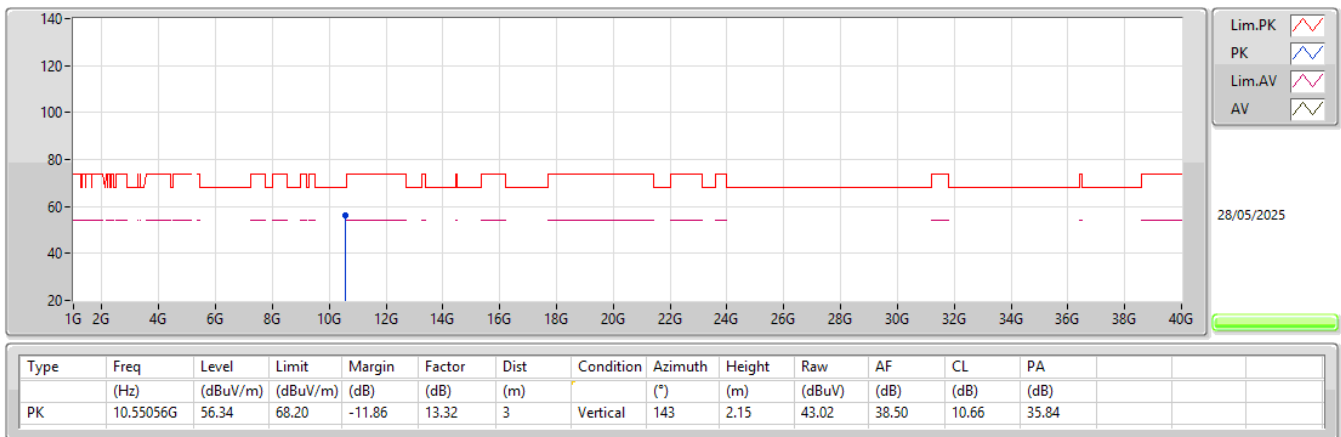
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.55056G	56.34	68.20	-11.86	3	Vertical	143	2.15
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.5736G	57.23	68.20	-10.97	3	Horizontal	63	1.50



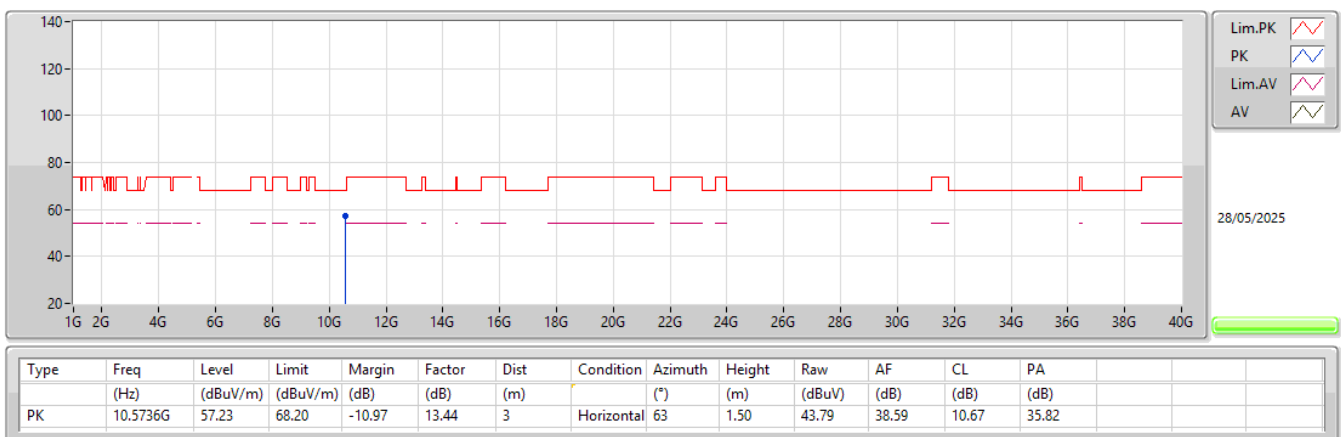
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)

5250MHz Straddle 5.25-5.35GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)

5250MHz Straddle 5.25-5.35GHz_TX





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	Pass	PK	10.58916G	57.77	68.20	-10.43	3	Vertical	148	1.58



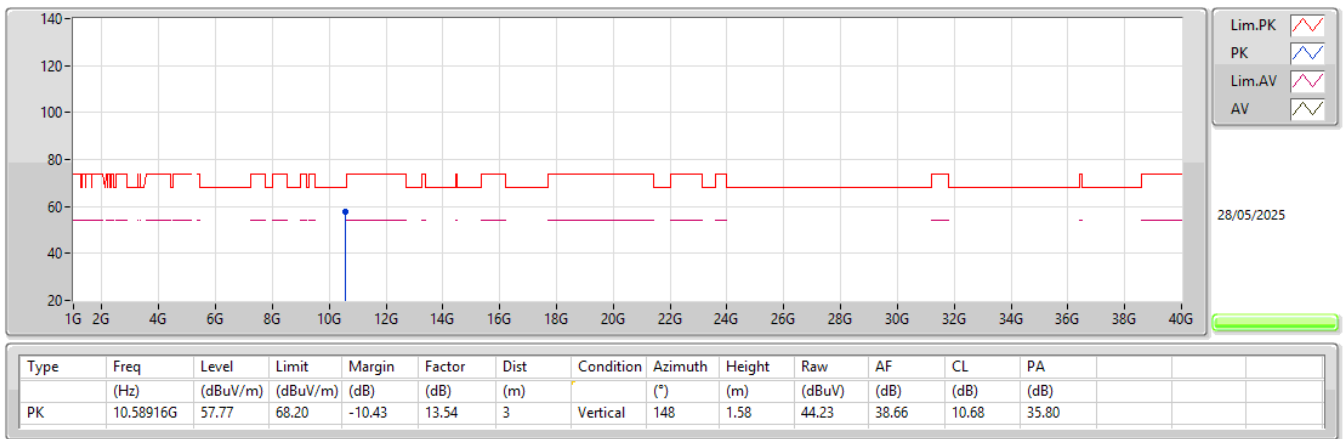
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	PK	10.58916G	57.77	68.20	-10.43	3	Vertical	148	1.58
5290MHz	Pass	PK	10.58392G	57.61	68.20	-10.59	3	Horizontal	266	1.50



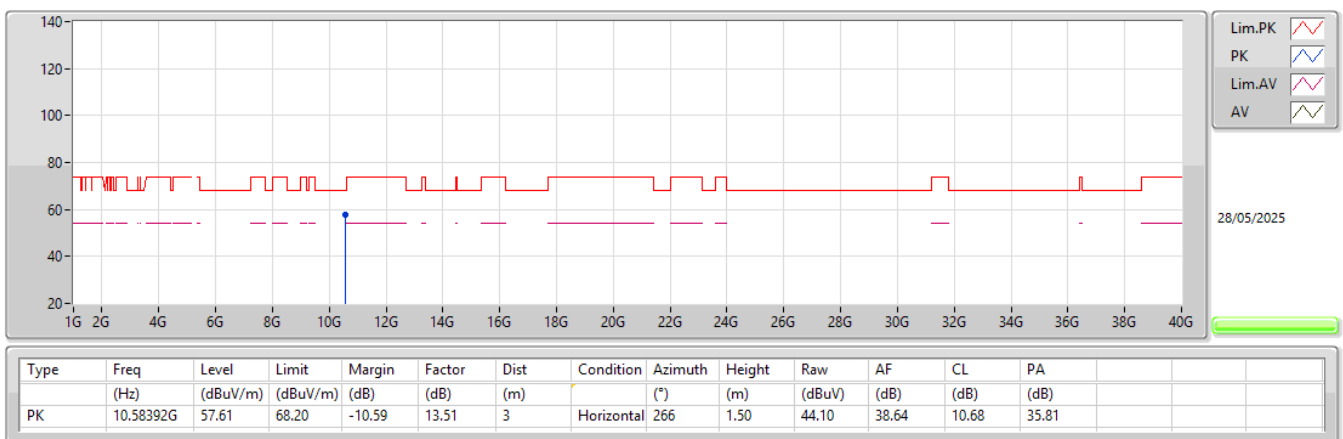
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX

5290MHz_TX



5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX

5290MHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_ Channel Puncturing

Appendix E.7

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	Pass	PK	10.5048G	57.28	68.20	-10.92	3	Vertical	176.1	1.51



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_ Channel Puncturing

Appendix E.7

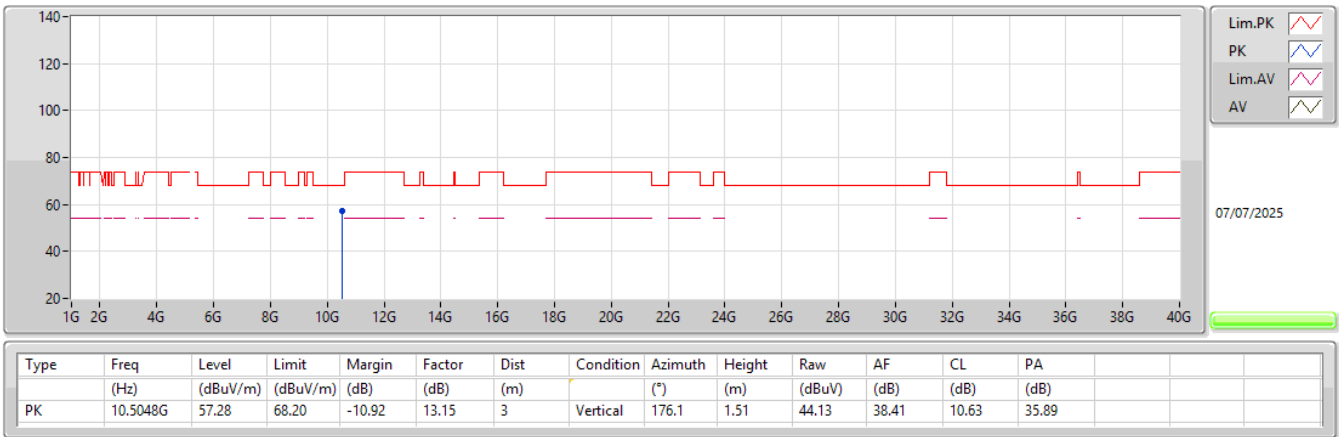
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.5048G	57.28	68.20	-10.92	3	Vertical	176.1	1.51
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.498G	57.03	68.20	-11.17	3	Horizontal	109.1	1.50



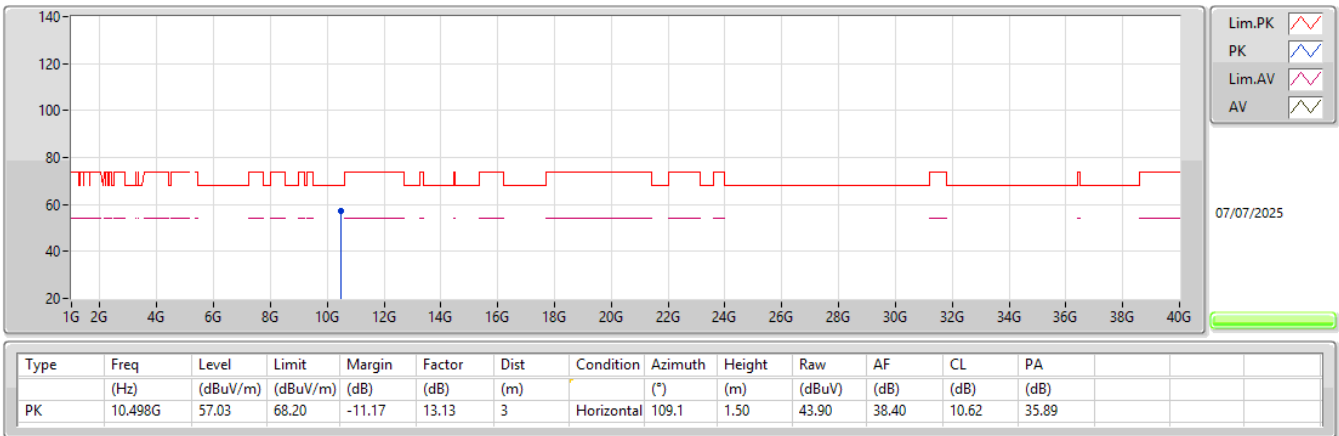
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)

5250MHz Straddle 5.25-5.35GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)

5250MHz Straddle 5.25-5.35GHz_TX





RSE TX above 1GHz _Non-Beamforming_Radio 2_2T1S_ Channel Puncturing

Appendix E.8

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	Pass	PK	10.4995G	57.46	68.20	-10.74	3	Horizontal	254	1.50



RSE TX above 1GHz _Non-Beamforming_Radio 2_2T1S_ Channel Puncturing

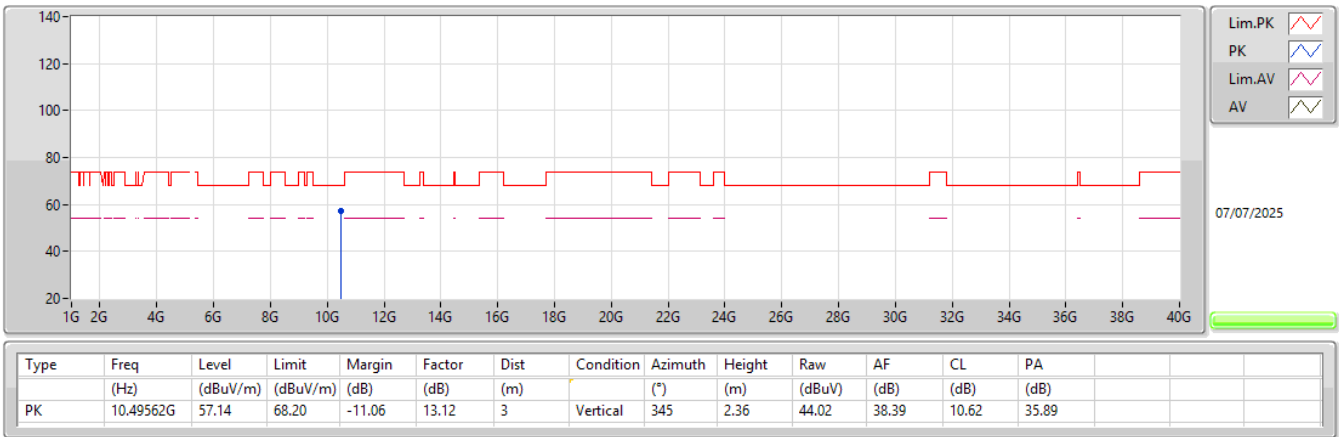
Appendix E.8

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.49562G	57.14	68.20	-11.06	3	Vertical	345	2.36
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.4995G	57.46	68.20	-10.74	3	Horizontal	254	1.50

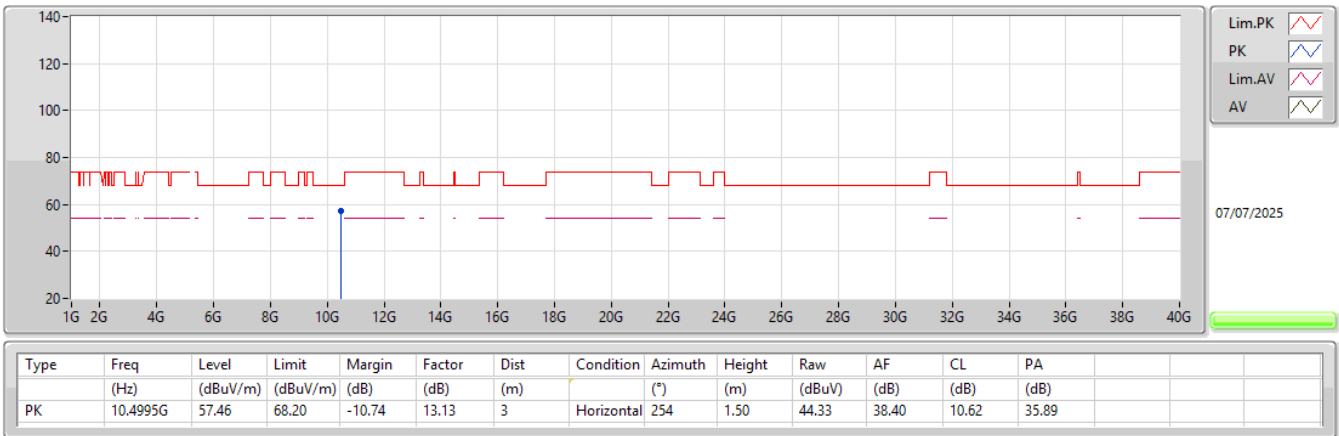
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX

5250MHz Straddle 5.25-5.35GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX

5250MHz Straddle 5.25-5.35GHz_TX



**Summary**

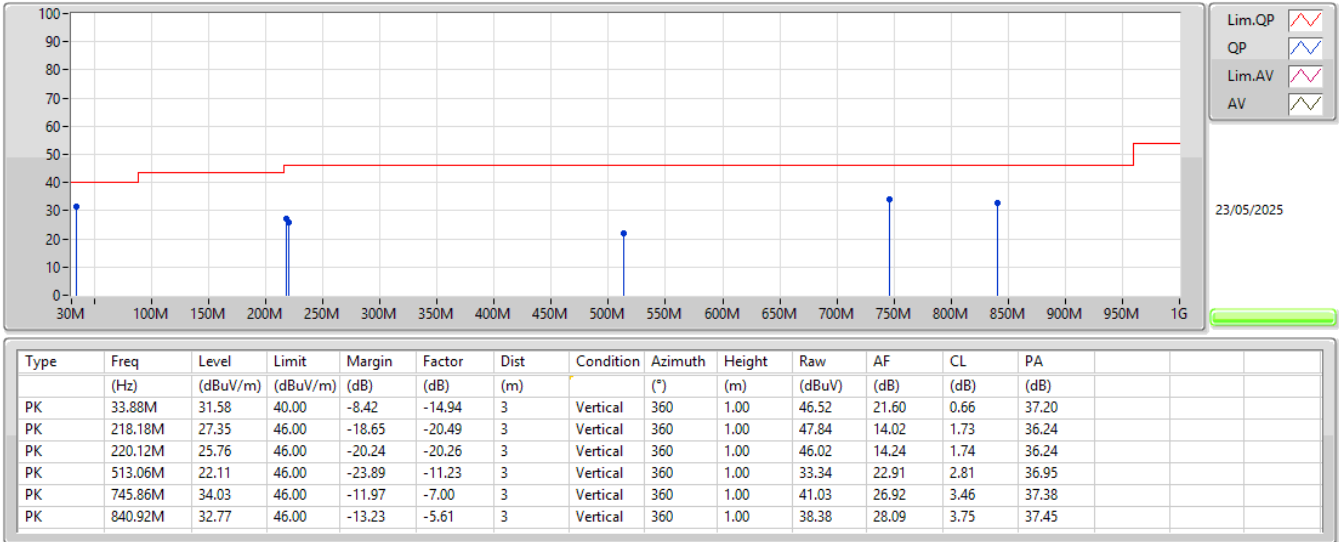
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11ax.HEW80_Nss1,(MCS0)_1TX	Pass	PK	33.88M	31.58	40.00	-8.42	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz_PoE	Pass	PK	33.88M	31.58	40.00	-8.42	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	218.18M	27.35	46.00	-18.65	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	220.12M	25.76	46.00	-20.24	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	513.06M	22.11	46.00	-23.89	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	745.86M	34.03	46.00	-11.97	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	840.92M	32.77	46.00	-13.23	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	33.88M	27.43	40.00	-12.57	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	216.24M	29.10	46.00	-16.90	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	220.12M	28.20	46.00	-17.80	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	476.2M	22.01	46.00	-23.99	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	732.28M	27.94	46.00	-18.06	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	840.92M	31.96	46.00	-14.04	3	Horizontal	0	1.00

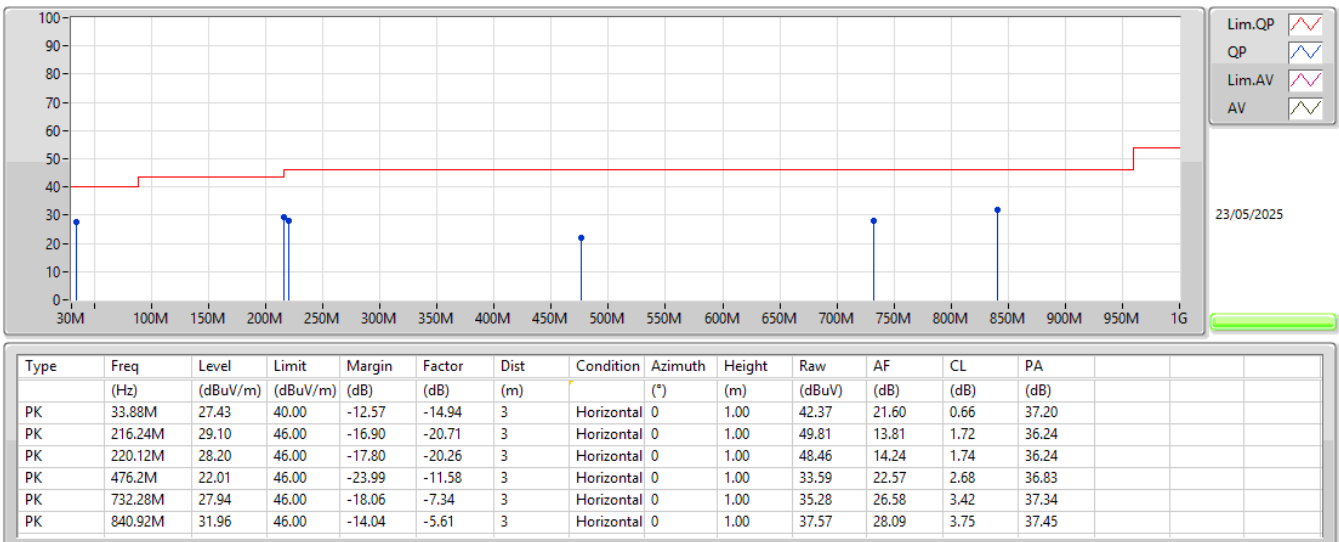
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5290MHz_PoE



5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

5290MHz_PoE





Summary

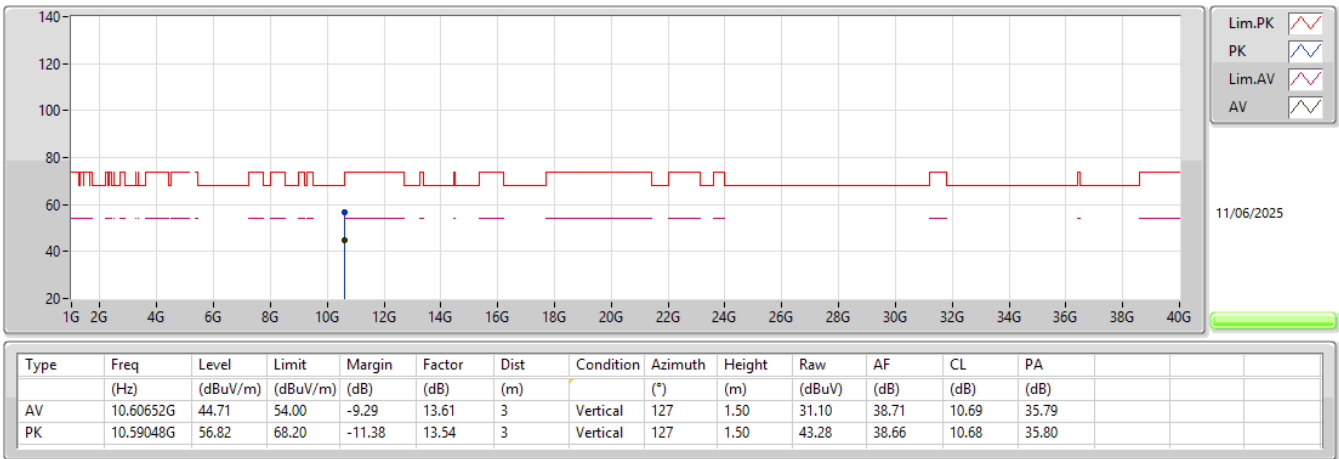
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	10.60652G	44.71	54.00	-9.29	3	Vertical	127	1.50

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1.(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5300MHz	Pass	AV	10.60652G	44.71	54.00	-9.29	3	Vertical	127	1.50
5300MHz	Pass	PK	10.59048G	56.82	68.20	-11.38	3	Vertical	127	1.50
5300MHz	Pass	AV	10.60836G	44.47	54.00	-9.53	3	Horizontal	267	1.87
5300MHz	Pass	PK	10.59624G	56.35	68.20	-11.85	3	Horizontal	267	1.87

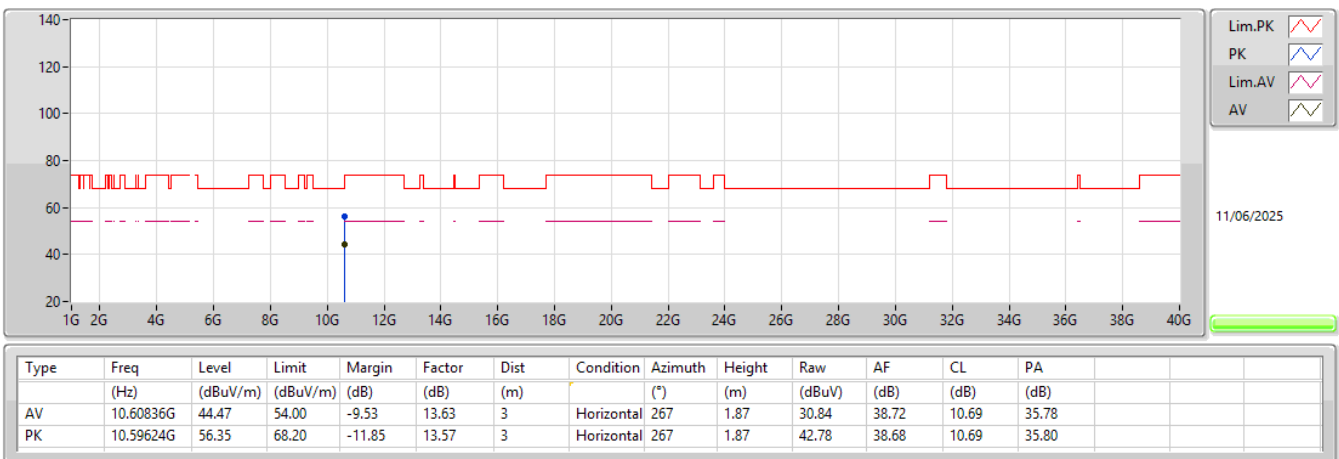
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	Pass	4.83G	5.67G	AV	5.11728G	4.40	-47.21	-47.21	-42.81	-41.20	-1.61
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port1)	Pass	5.11G	5.39G	AV	5.12736G	4.37	-49.93	-49.93	-45.56	-41.20	-4.36
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	Pass	5.11G	5.39G	AV	5.35122G	4.37	-49.61	-49.61	-45.24	-41.20	-4.04
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	Pass	5.07G	5.43G	AV	5.35008G	4.37	-46.94	-46.94	-42.57	-41.20	-1.37
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	Pass	4.99G	5.51G	AV	5.3501G	4.37	-46.20	-46.20	-41.83	-41.20	-0.63

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.11G	5.39G	AV	5.1359G	4.37	-60.27	-60.27	-55.90	-41.20	-14.70
5260MHz	Pass	5.11G	5.39G	AV	5.3571G	4.37	-59.18	-59.18	-54.81	-41.20	-13.61
5260MHz	Pass	5.11G	5.39G	PK	5.12008G	4.37	-49.40	-49.40	-45.03	-21.20	-23.83
5260MHz	Pass	5.11G	5.39G	PK	5.35528G	4.37	-48.39	-48.39	-44.02	-21.20	-22.82
5300MHz	Pass	5.11G	5.39G	AV	5.11G	4.37	-51.56	-51.56	-47.19	-41.20	-5.99
5300MHz	Pass	5.11G	5.39G	AV	5.35234G	4.37	-57.94	-57.94	-53.57	-41.20	-12.37
5300MHz	Pass	5.11G	5.39G	PK	5.11014G	4.37	-42.62	-42.62	-38.25	-21.20	-17.05
5300MHz	Pass	5.11G	5.39G	PK	5.36074G	4.37	-45.98	-45.98	-41.61	-21.20	-20.41
5320MHz	Pass	5.11G	5.39G	AV	5.12736G	4.37	-49.93	-49.93	-45.56	-41.20	-4.36
5320MHz	Pass	5.11G	5.39G	AV	5.3501G	4.37	-53.57	-53.57	-49.20	-41.20	-8.00
5320MHz	Pass	5.11G	5.39G	PK	5.12736G	4.37	-41.33	-41.33	-36.96	-21.20	-15.76
5320MHz	Pass	5.11G	5.39G	PK	5.35304G	4.37	-40.16	-40.16	-35.79	-21.20	-14.59
802.11be EHT20_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.11G	5.39G	AV	5.1359G	4.37	-60.11	-60.11	-55.74	-41.20	-14.54
5260MHz	Pass	5.11G	5.39G	AV	5.35836G	4.37	-59.48	-59.48	-55.11	-41.20	-13.91
5260MHz	Pass	5.11G	5.39G	PK	5.12484G	4.37	-49.54	-49.54	-45.17	-21.20	-23.97
5260MHz	Pass	5.11G	5.39G	PK	5.35738G	4.37	-48.64	-48.64	-44.27	-21.20	-23.07
5300MHz	Pass	5.11G	5.39G	AV	5.11G	4.37	-52.23	-52.23	-47.86	-41.20	-6.66
5300MHz	Pass	5.11G	5.39G	AV	5.3508G	4.37	-56.63	-56.63	-52.26	-41.20	-11.06
5300MHz	Pass	5.11G	5.39G	PK	5.11G	4.37	-40.97	-40.97	-36.60	-21.20	-15.40
5300MHz	Pass	5.11G	5.39G	PK	5.35318G	4.37	-42.77	-42.77	-38.40	-21.20	-17.20
5320MHz	Pass	5.11G	5.39G	AV	5.12736G	4.37	-50.53	-50.53	-46.16	-41.20	-4.96
5320MHz	Pass	5.11G	5.39G	AV	5.35122G	4.37	-49.61	-49.61	-45.24	-41.20	-4.04
5320MHz	Pass	5.11G	5.39G	PK	5.12778G	4.37	-39.84	-39.84	-35.47	-21.20	-14.27
5320MHz	Pass	5.11G	5.39G	PK	5.3522G	4.37	-34.21	-34.21	-29.84	-21.20	-8.64
802.11be EHT40_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.07G	5.43G	AV	5.0961G	4.37	-55.70	-55.70	-51.33	-41.20	-10.13
5270MHz	Pass	5.07G	5.43G	AV	5.35026G	4.37	-55.10	-55.10	-50.73	-41.20	-9.53
5270MHz	Pass	5.07G	5.43G	PK	5.0934G	4.37	-44.52	-44.52	-40.15	-21.20	-18.95
5270MHz	Pass	5.07G	5.43G	PK	5.35458G	4.37	-42.28	-42.28	-37.91	-21.20	-16.71
5310MHz	Pass	5.07G	5.43G	AV	5.11698G	4.37	-52.35	-52.35	-47.98	-41.20	-6.78
5310MHz	Pass	5.07G	5.43G	AV	5.35008G	4.37	-46.94	-46.94	-42.57	-41.20	-1.37
5310MHz	Pass	5.07G	5.43G	PK	5.11554G	4.37	-40.36	-40.36	-35.99	-21.20	-14.79
5310MHz	Pass	5.07G	5.43G	PK	5.3526G	4.37	-34.18	-34.18	-29.81	-21.20	-8.61
802.11be EHT80_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.99G	5.51G	AV	5.14964G	4.37	-50.84	-50.84	-46.47	-41.20	-5.27
5290MHz	Pass	4.99G	5.51G	AV	5.3501G	4.37	-46.20	-46.20	-41.83	-41.20	-0.63
5290MHz	Pass	4.99G	5.51G	PK	5.13846G	4.37	-39.38	-39.38	-35.01	-21.20	-13.81
5290MHz	Pass	4.99G	5.51G	PK	5.39014G	4.37	-33.87	-33.87	-29.50	-21.20	-8.30
5290MHz	Pass	4.99G	5.51G	PK	5.46528G	4.37	-42.59	-42.59	-38.22	-27.00	-11.22
802.11be EHT160_Nss1,(MCS0)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.11728G	4.40	-47.21	-47.21	-42.81	-41.20	-1.61
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.40246G	4.40	-48.63	-48.63	-44.23	-41.20	-3.03
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.11392G	4.40	-33.74	-33.74	-29.34	-21.20	-8.14
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.3571G	4.40	-33.67	-33.67	-29.27	-21.20	-8.07
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.46294G	4.40	-40.76	-40.76	-36.36	-27.00	-9.36

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port1)

CSE Bandedge [PK]

5250MHz Straddle 5.15-5.25GHz

15/05/2025



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port1)

CSE Bandedge [AV]

5250MHz Straddle 5.15-5.25GHz

15/05/2025

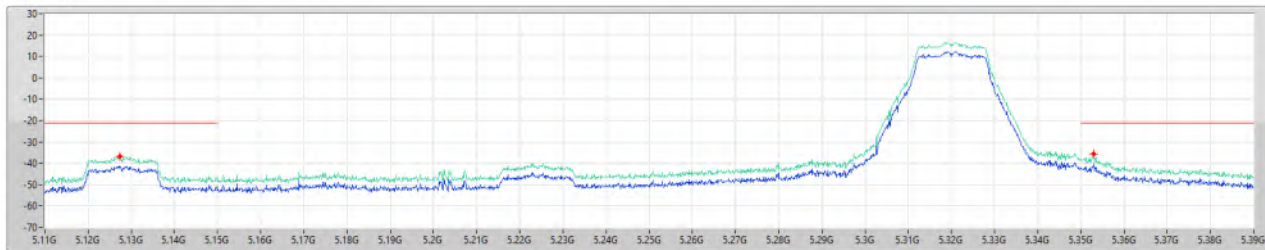


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

CSE Bandedge [PK]

5320MHz

15/05/2025



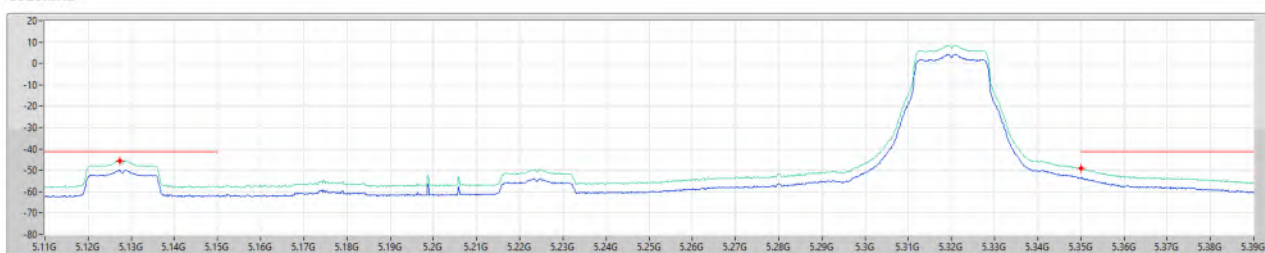
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5.11G	5.39G	1M	PK	5.12736G	-36.96	-21.20	-15.76	4.37	-41.33	-41.33
5.11G	5.39G	1M	PK	5.35304G	-35.79	-21.20	-14.59	4.37	-40.16	-40.16

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port1)

CSE Bandedge [AV]

5320MHz

15/05/2025



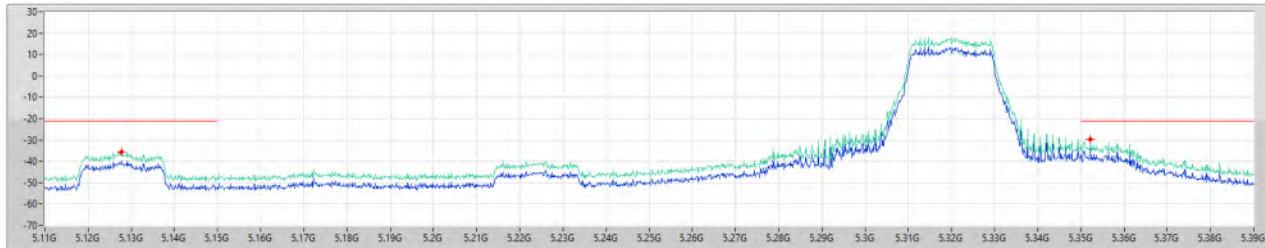
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5.11G	5.39G	1M	AV	5.12736G	-45.56	-41.20	-4.36	4.37	-49.93	-49.93
5.11G	5.39G	1M	AV	5.3501G	-49.20	-41.20	-8.00	4.37	-53.57	-53.57

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

CSE Bandedge [PK]

5320MHz

15/05/2025



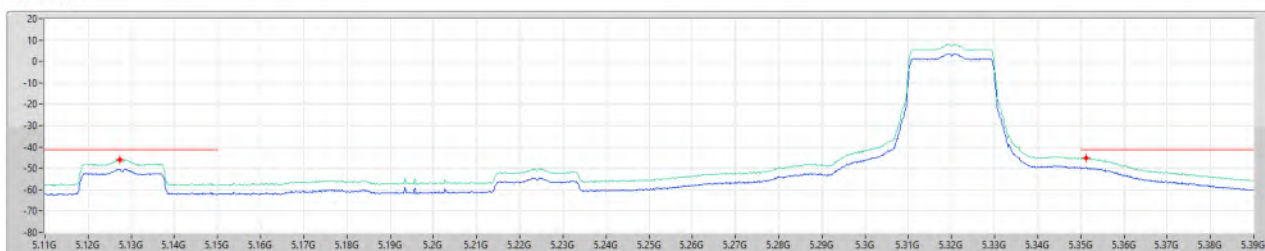
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	ERP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.11G	5.39G	1M	PK	5.12778G	-35.47	-21.20	-14.27	4.37	-39.84	-39.84
5.11G	5.39G	1M	PK	5.3522G	-29.84	-21.20	-8.64	4.37	-34.21	-34.21

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port1)

CSE Bandedge [AV]

5320MHz

15/05/2025



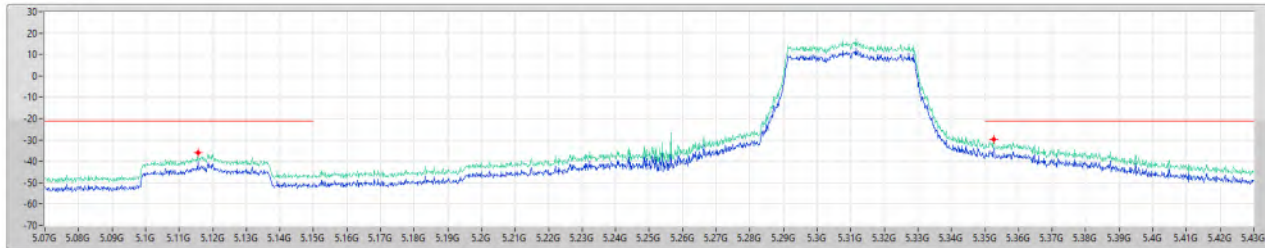
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	ERP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.11G	5.39G	1M	AV	5.12736G	-46.16	-41.20	-4.96	4.37	-50.53	-50.53
5.11G	5.39G	1M	AV	5.35122G	-45.24	-41.20	-4.04	4.37	-49.61	-49.61

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port1)

CSE Bandedge [PK]

5310MHz

15/05/2025



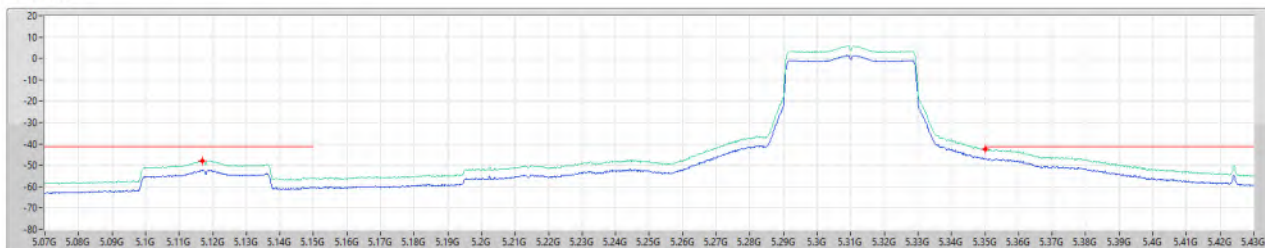
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.07G	5.43G	1M	PK	5.11554G	-35.99	-21.20	-14.79	4.37	-40.36	-40.36
5.07G	5.43G	1M	PK	5.3526G	-29.81	-21.20	-8.61	4.37	-34.18	-34.18

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port1)

CSE Bandedge [AV]

5310MHz

15/05/2025



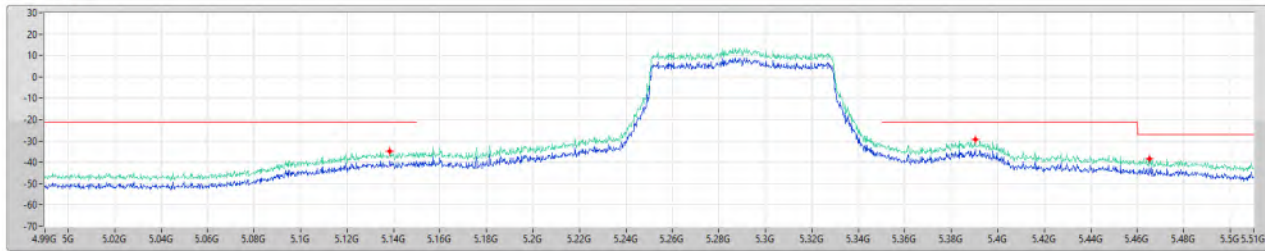
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.07G	5.43G	1M	AV	5.11698G	-47.98	-41.20	-6.78	4.37	-52.35	-52.35
5.07G	5.43G	1M	AV	5.35008G	-42.57	-41.20	-1.37	4.37	-46.94	-46.94

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port1)

CSE Bandedge [PK]

5290MHz

24/05/2025



Limit PK
EIRP PK
Port 1

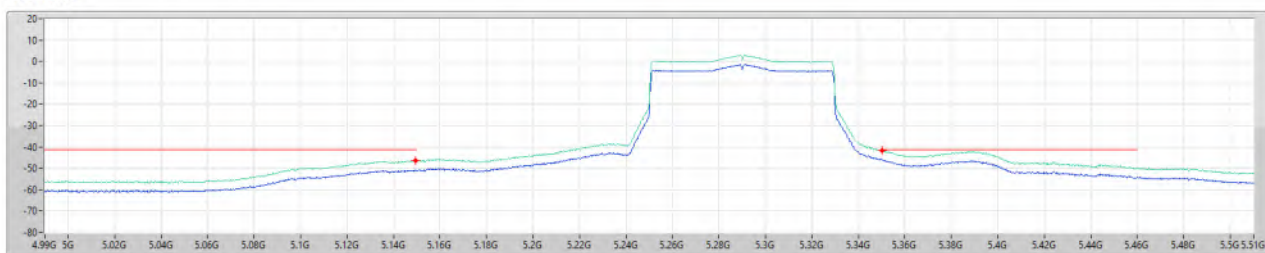
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
4.99G	5.31G	1M	PK	5.13846G	-35.01	-21.20	-13.81	4.37	-39.38	-39.38
4.99G	5.31G	1M	PK	5.19014G	-39.50	-21.20	-8.30	4.37	-33.87	-33.87
4.99G	5.31G	1M	PK	5.46528G	-38.22	-27.00	-11.22	4.37	-42.59	-42.59

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port1)

CSE Bandedge [AV]

5290MHz

24/05/2025



Limit AV
EIRP AV
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
4.99G	5.31G	1M	AV	5.14964G	-46.47	-41.20	-5.27	4.37	-50.84	-50.84
4.99G	5.31G	1M	AV	5.3501G	-41.83	-41.20	-0.63	4.37	-46.20	-46.20

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	4.83G	5.67G	AV	5.11476G	5.74	-50.87	-51.49	-48.16	-42.42	-41.20	-1.22
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	5.11G	5.39G	AV	5.12722G	5.95	-49.78	-52.33	-47.86	-41.91	-41.20	-0.71
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	5.11G	5.39G	AV	5.35038G	5.95	-50.95	-50.18	-47.54	-41.59	-41.20	-0.39
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	5.07G	5.43G	AV	5.35584G	5.95	-49.90	-53.39	-48.29	-42.34	-41.20	-1.14
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	4.99G	5.51G	AV	5.37844G	5.95	-50.18	-51.95	-47.97	-42.02	-41.20	-0.82

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.11G	5.39G	AV	5.1359G	5.95	-60.11	-60.94	-57.49	-51.54	-41.20	-10.34
5260MHz	Pass	5.11G	5.39G	AV	5.35654G	5.95	-59.18	-60.30	-56.69	-50.74	-41.20	-9.54
5260MHz	Pass	5.11G	5.39G	PK	5.11756G	5.95	-49.65	-50.43	-47.01	-41.06	-21.20	-19.86
5260MHz	Pass	5.11G	5.39G	PK	5.35486G	5.95	-48.52	-49.99	-46.18	-40.23	-21.20	-19.03
5300MHz	Pass	5.11G	5.39G	AV	5.11042G	5.95	-52.29	-54.37	-50.20	-44.25	-41.20	-3.05
5300MHz	Pass	5.11G	5.39G	AV	5.3543G	5.95	-57.81	-58.61	-55.18	-49.23	-41.20	-8.03
5300MHz	Pass	5.11G	5.39G	PK	5.11252G	5.95	-43.26	-44.84	-40.97	-35.02	-21.20	-13.82
5300MHz	Pass	5.11G	5.39G	PK	5.35626G	5.95	-46.57	-48.17	-44.29	-38.34	-21.20	-17.14
5320MHz	Pass	5.11G	5.39G	AV	5.12722G	5.95	-49.78	-52.33	-47.86	-41.91	-41.20	-0.71
5320MHz	Pass	5.11G	5.39G	AV	5.35052G	5.95	-52.67	-52.60	-49.62	-43.67	-41.20	-2.47
5320MHz	Pass	5.11G	5.39G	PK	5.12694G	5.95	-41.31	-43.28	-39.17	-33.22	-21.20	-12.02
5320MHz	Pass	5.11G	5.39G	PK	5.35278G	5.95	-39.97	-39.04	-36.47	-30.52	-21.20	-9.32
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.11G	5.39G	AV	5.13604G	5.95	-59.65	-60.94	-57.24	-51.29	-41.20	-10.09
5260MHz	Pass	5.11G	5.39G	AV	5.35402G	5.95	-59.50	-59.97	-56.72	-50.77	-41.20	-9.57
5260MHz	Pass	5.11G	5.39G	PK	5.14486G	5.95	-48.86	-52.09	-47.17	-41.22	-21.20	-20.02
5260MHz	Pass	5.11G	5.39G	PK	5.3585G	5.95	-49.47	-49.28	-46.36	-40.41	-21.20	-19.21
5300MHz	Pass	5.11G	5.39G	AV	5.11G	5.95	-51.98	-54.62	-50.09	-44.14	-41.20	-2.94
5300MHz	Pass	5.11G	5.39G	AV	5.35052G	5.95	-56.97	-55.99	-53.44	-47.49	-41.20	-6.29
5300MHz	Pass	5.11G	5.39G	PK	5.11644G	5.95	-42.44	-45.31	-40.63	-34.68	-21.20	-13.48
5300MHz	Pass	5.11G	5.39G	PK	5.35024G	5.95	-46.73	-41.12	-40.07	-34.12	-21.20	-12.92
5320MHz	Pass	5.11G	5.39G	AV	5.12708G	5.95	-50.64	-53.72	-48.90	-42.95	-41.20	-1.75
5320MHz	Pass	5.11G	5.39G	AV	5.35038G	5.95	-50.95	-50.18	-47.54	-41.59	-41.20	-0.39
5320MHz	Pass	5.11G	5.39G	PK	5.12918G	5.95	-41.36	-43.28	-39.20	-33.25	-21.20	-12.05
5320MHz	Pass	5.11G	5.39G	PK	5.35248G	5.95	-37.44	-38.63	-34.98	-29.03	-21.20	-7.83
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.07G	5.43G	AV	5.0961G	5.95	-55.51	-57.40	-53.34	-47.39	-41.20	-6.19
5270MHz	Pass	5.07G	5.43G	AV	5.35008G	5.95	-55.20	-51.80	-50.17	-44.22	-41.20	-3.02
5270MHz	Pass	5.07G	5.43G	PK	5.09376G	5.95	-45.72	-47.01	-43.31	-37.36	-21.20	-16.16
5270MHz	Pass	5.07G	5.43G	PK	5.35962G	5.95	-46.73	-38.50	-37.89	-31.94	-21.20	-10.74
5310MHz	Pass	5.07G	5.43G	AV	5.11698G	5.95	-53.59	-56.78	-51.89	-45.94	-41.20	-4.74
5310MHz	Pass	5.07G	5.43G	AV	5.35584G	5.95	-49.90	-53.39	-48.29	-42.34	-41.20	-1.14
5310MHz	Pass	5.07G	5.43G	PK	5.11698G	5.95	-42.26	-45.31	-40.51	-34.56	-21.20	-13.36
5310MHz	Pass	5.07G	5.43G	PK	5.3553G	5.95	-40.51	-35.40	-34.23	-28.28	-21.20	-7.08
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.99G	5.51G	AV	5.13612G	5.95	-55.74	-57.77	-53.63	-47.68	-41.20	-6.48
5290MHz	Pass	4.99G	5.51G	AV	5.37844G	5.95	-50.18	-51.95	-47.97	-42.02	-41.20	-0.82
5290MHz	Pass	4.99G	5.51G	PK	5.13352G	5.95	-45.57	-45.72	-42.63	-36.68	-21.20	-15.48
5290MHz	Pass	4.99G	5.51G	PK	5.39794G	5.95	-36.04	-38.99	-34.26	-28.31	-21.20	-7.11
5290MHz	Pass	4.99G	5.51G	PK	5.46216G	5.95	-46.29	-48.69	-44.32	-38.37	-27.00	-11.37
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.11476G	5.74	-50.87	-51.49	-48.16	-42.42	-41.20	-1.22
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.39616G	5.74	-50.85	-51.69	-48.24	-42.50	-41.20	-1.30
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.14962G	5.74	-43.58	-36.70	-35.89	-30.15	-21.20	-8.95
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.3508G	5.74	-36.86	-37.91	-34.34	-28.60	-21.20	-7.40
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.46252G	5.74	-45.22	-42.34	-40.54	-34.80	-27.00	-7.80

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5250MHz Straddle 5.15-5.25GHz

15/05/2025

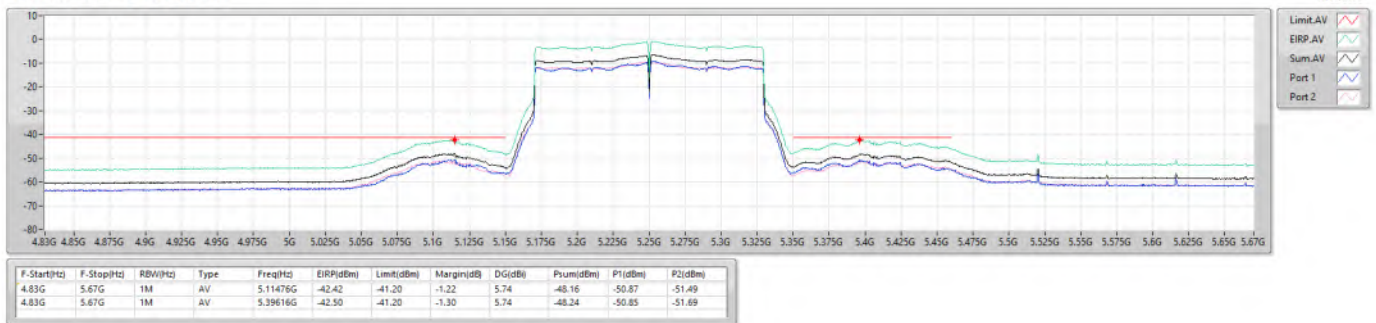


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5250MHz Straddle 5.15-5.25GHz

15/05/2025

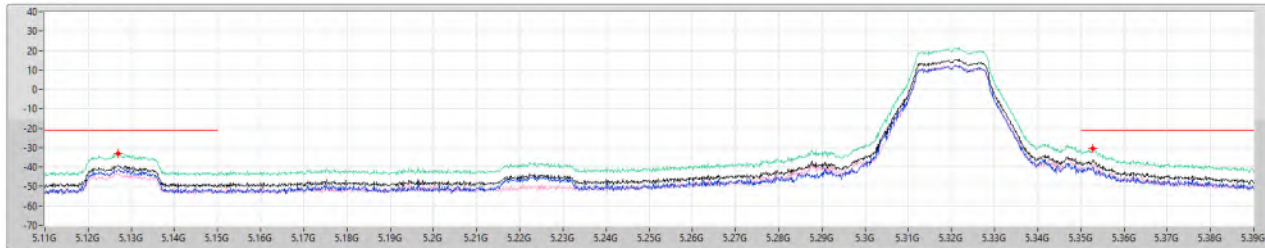


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

5320MHz

15/05/2025



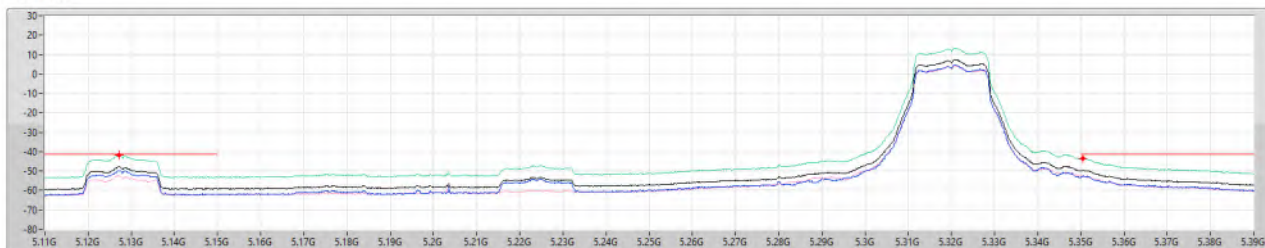
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5.11G	5.39G	1M	PK	5.12694G	-33.22	-21.20	-12.02	5.95	-39.17	-41.31	-43.28
5.11G	5.39G	1M	PK	5.35276G	-30.52	-21.20	-9.32	5.95	-36.47	-39.97	-39.04

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

5320MHz

15/05/2025



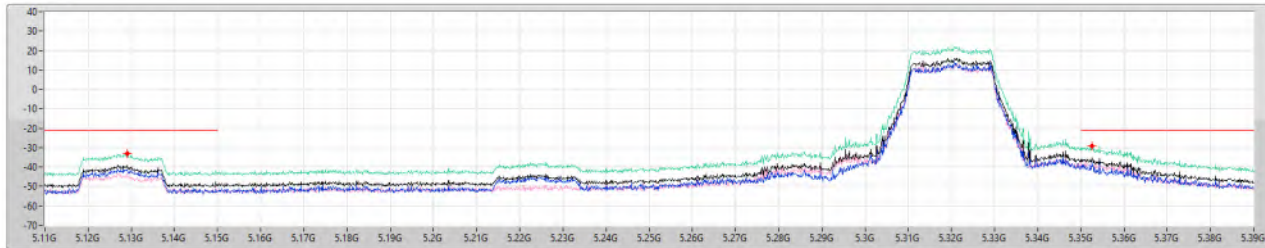
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5.11G	5.39G	1M	AV	5.12722G	-41.91	-41.20	-0.71	5.95	-47.86	-49.78	-52.33
5.11G	5.39G	1M	AV	5.35052G	-43.67	-41.20	-2.47	5.95	-49.62	-52.67	-52.60

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5320MHz

15/05/2025



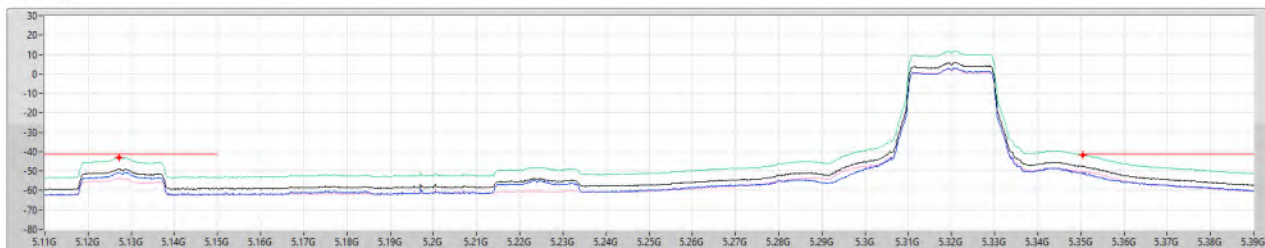
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5.11G	5.39G	1M	PK	5.12918G	-33.25	-21.20	-12.05	5.95	-39.20	-41.36	-43.28
5.11G	5.39G	1M	PK	5.35248G	-29.03	-21.20	-7.83	5.95	-34.98	-37.44	-38.63

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5320MHz

15/05/2025



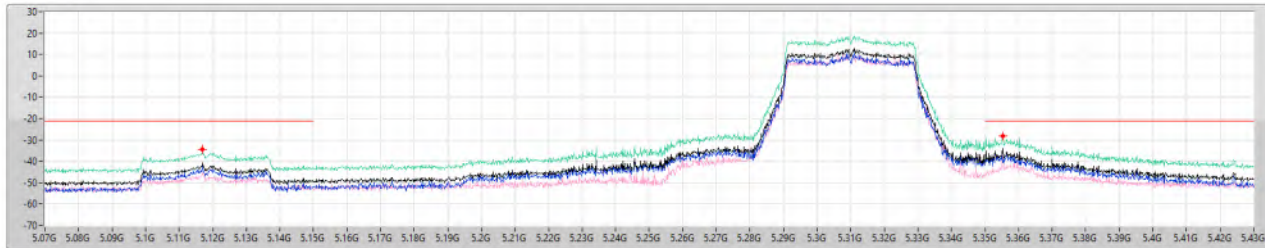
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5.11G	5.39G	1M	AV	5.12708G	-42.95	-41.20	-1.75	5.95	-48.90	-50.64	-53.72
5.11G	5.39G	1M	AV	5.35038G	-41.59	-41.20	-0.39	5.95	-47.54	-50.95	-50.18

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5310MHz

15/05/2025



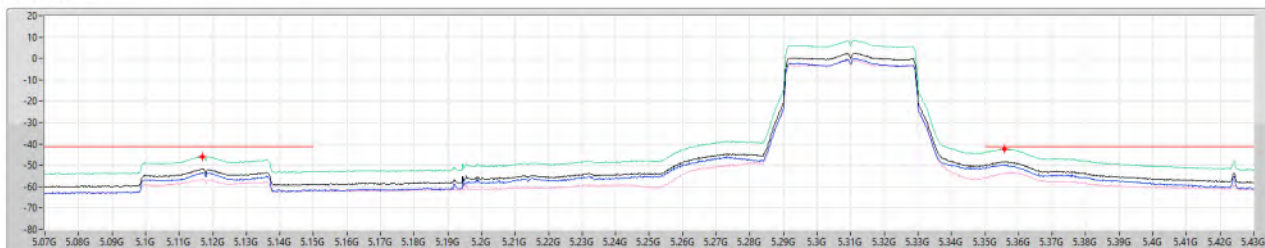
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5.07G	5.43G	1M	PK	5.11698G	-34.56	-21.20	-13.36	5.95	-40.51	-42.26	-45.31
5.07G	5.43G	1M	PK	5.3553G	-28.28	-21.20	-7.08	5.95	-34.23	-40.51	-35.40

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5310MHz

15/05/2025



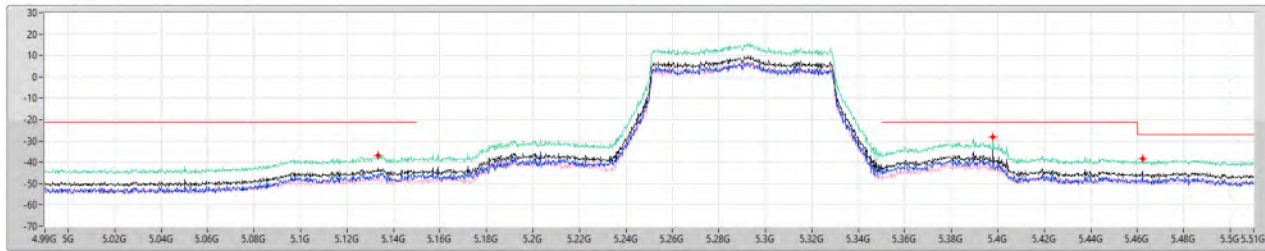
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5.07G	5.43G	1M	AV	5.11698G	-45.94	-41.20	-4.74	5.95	-51.89	-53.59	-56.78
5.07G	5.43G	1M	AV	5.35504G	-42.34	-41.20	-1.14	5.95	-48.29	-49.90	-53.39

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

5290MHz

15/05/2025



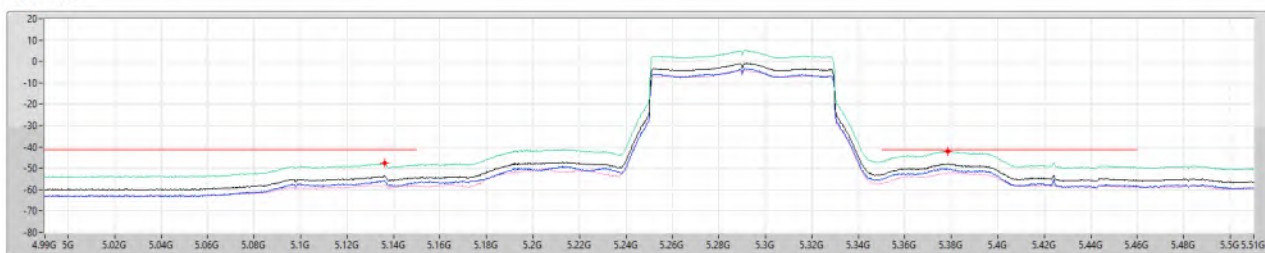
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
4.99G	5.31G	1M	PK	5.13352G	-36.68	-21.20	-15.48	5.95	-42.63	-45.57	-45.72
4.99G	5.31G	1M	PK	5.39794G	-38.31	-21.20	-17.11	5.95	-34.26	-36.04	-38.99
4.99G	5.31G	1M	PK	5.46216G	-38.37	-27.00	-11.37	5.95	-44.32	-46.29	-46.69

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

5290MHz

15/05/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
4.99G	5.31G	1M	AV	5.13612G	-47.68	-41.20	-6.48	5.95	-53.63	-55.74	-57.77
4.99G	5.31G	1M	AV	5.37844G	-42.02	-41.20	-0.82	5.95	-47.97	-50.18	-51.95

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)	P1 (dBm)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	Pass	4.83G	5.67G	PK	5.46672G	4.40	-34.07	-29.67	-27.00	-2.67	-34.07
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)	Pass	4.99G	5.51G	AV	5.38312G	4.37	-46.37	-42.00	-41.20	-0.80	-46.37

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)	P1 (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.99G	5.51G	AV	5.14886G	4.37	-52.72	-48.35	-41.20	-7.15	-52.72
5290MHz	Pass	4.99G	5.51G	AV	5.38312G	4.37	-46.37	-42.00	-41.20	-0.80	-46.37
5290MHz	Pass	4.99G	5.51G	PK	5.13482G	4.37	-37.92	-33.55	-21.20	-12.35	-37.92
5290MHz	Pass	4.99G	5.51G	PK	5.37428G	4.37	-27.02	-22.65	-21.20	-1.45	-27.02
5290MHz	Pass	4.99G	5.51G	PK	5.47854G	4.37	-39.89	-35.52	-27.00	-8.52	-39.89
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.11896G	4.40	-49.06	-44.66	-41.20	-3.46	-49.06
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.46G	4.40	-50.81	-46.41	-41.20	-5.21	-50.81
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.11224G	4.40	-30.22	-25.82	-21.20	-4.62	-30.22
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.4537G	4.40	-31.94	-27.54	-21.20	-6.34	-31.94
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.46672G	4.40	-34.07	-29.67	-27.00	-2.67	-34.07

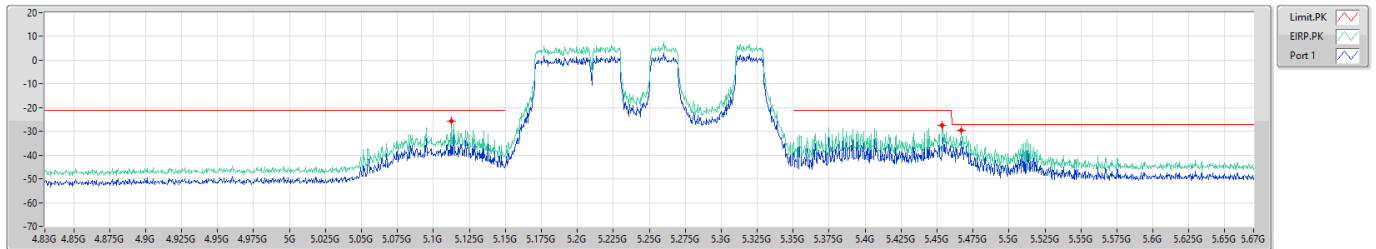
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)

CSE Bandedge [PK]

5250MHz Straddle 5.15-5.25GHz

20/05/2025



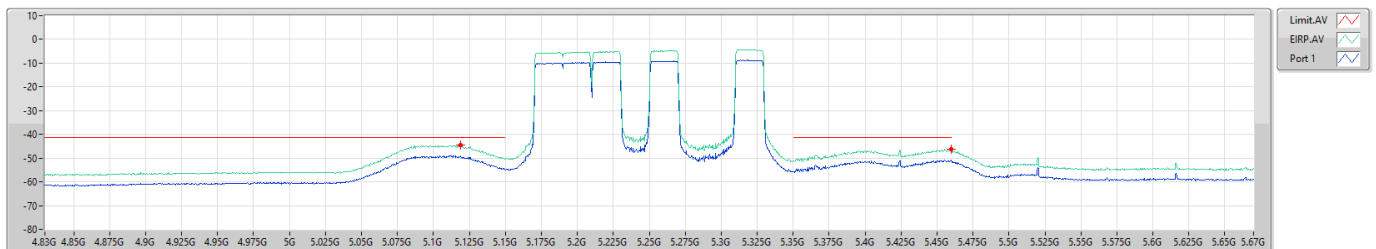
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
4.83G	5.67G	1M	PK	5.11224G	-25.82	-21.20	-4.62	4.40	-30.22	-30.22
4.83G	5.67G	1M	PK	5.4537G	-27.54	-21.20	-6.34	4.40	-31.94	-31.94
4.83G	5.67G	1M	PK	5.46672G	-29.67	-27.00	-2.67	4.40	-34.07	-34.07

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port1)

CSE Bandedge [AV]

5250MHz Straddle 5.15-5.25GHz

20/05/2025



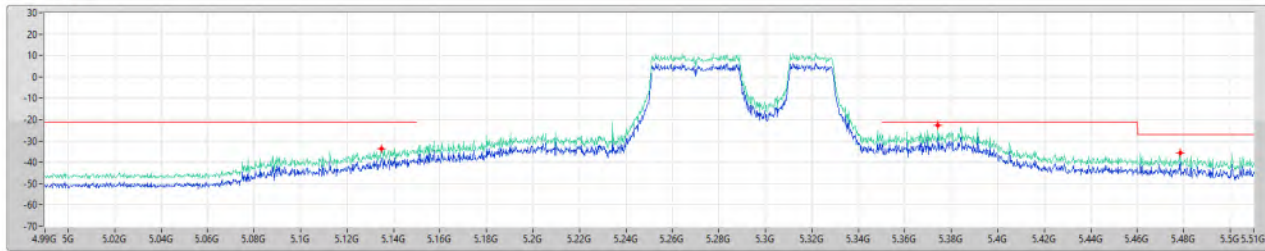
F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
4.83G	5.67G	1M	AV	5.11896G	-44.66	-41.20	-3.46	4.40	-49.06	-49.06
4.83G	5.67G	1M	AV	5.46G	-46.41	-41.20	-5.21	4.40	-50.81	-50.81

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)

CSE Bandedge [PK]

5290MHz

20/05/2025



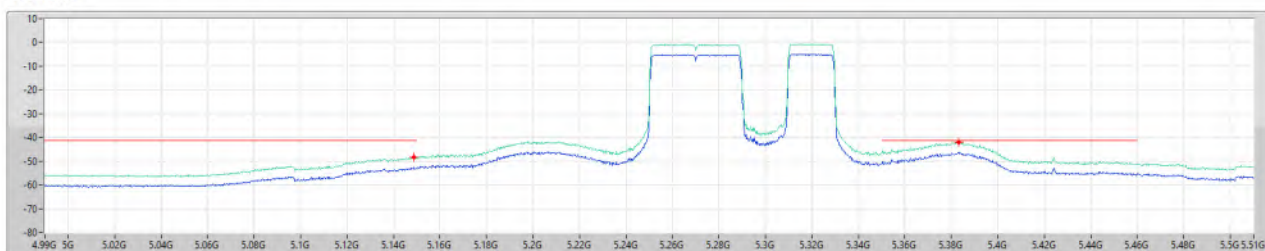
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
4.99G	5.51G	1M	PK	5.13482G	-33.55	-21.20	-12.35	4.37	-37.92	-37.92
4.99G	5.51G	1M	PK	5.37428G	-22.65	-21.20	-1.45	4.37	-27.02	-27.02
4.99G	5.51G	1M	PK	5.47854G	-35.52	-27.00	-8.52	4.37	-39.89	-39.89

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port1)

CSE Bandedge [AV]

5290MHz

20/05/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
4.99G	5.51G	1M	AV	5.14886G	-48.35	-41.20	-7.15	4.37	-52.72	-52.72
4.99G	5.51G	1M	AV	5.38312G	-42.00	-41.20	-0.80	4.37	-46.37	-46.37

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	Pass	4.83G	5.67G	PK	5.1114G	5.74	-29.71	-34.52	-28.47	-22.73	-21.20	-1.53
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	Pass	4.99G	5.51G	AV	5.38676G	5.95	-50.63	-51.23	-47.91	-41.96	-41.20	-0.76

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

**Result**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.99G	5.51G	AV	5.13586G	5.95	-58.09	-58.90	-55.47	-49.52	-41.20	-8.32
5290MHz	Pass	4.99G	5.51G	AV	5.38676G	5.95	-50.63	-51.23	-47.91	-41.96	-41.20	-0.76
5290MHz	Pass	4.99G	5.51G	PK	5.1486G	5.95	-40.56	-47.80	-39.81	-33.86	-21.20	-12.66
5290MHz	Pass	4.99G	5.51G	PK	5.38442G	5.95	-32.72	-33.71	-30.18	-24.23	-21.20	-3.03
5290MHz	Pass	4.99G	5.51G	PK	5.46138G	5.95	-50.38	-45.50	-44.28	-38.33	-27.00	-11.33
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.1135G	5.74	-52.00	-52.52	-49.24	-43.50	-41.20	-2.30
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.42388G	5.74	-52.23	-56.26	-50.78	-45.04	-41.20	-3.84
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.1114G	5.74	-29.71	-34.52	-28.47	-22.73	-21.20	-1.53
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.3655G	5.74	-33.79	-46.92	-33.58	-27.84	-21.20	-6.64
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.46672G	5.74	-34.72	-46.21	-34.42	-28.68	-27.00	-1.68

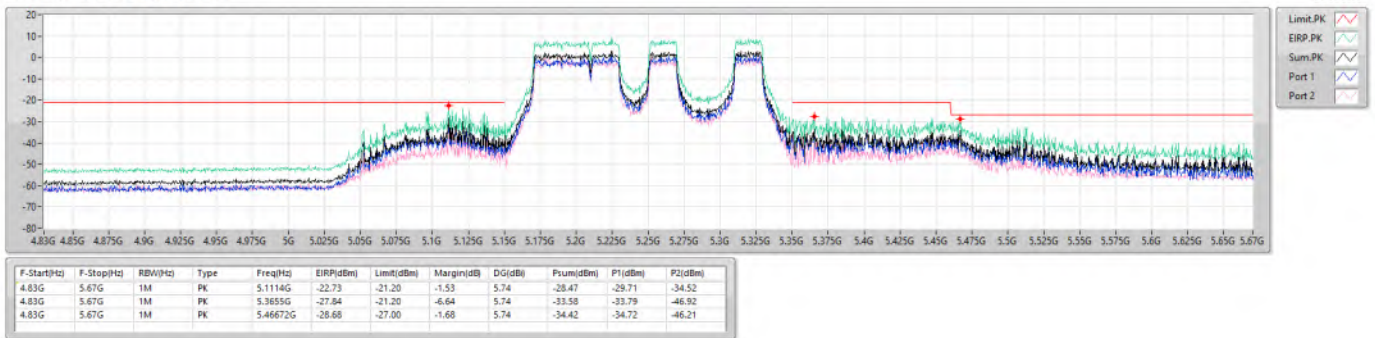
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX

CSE Bandedge [PK]

5250MHz Straddle 5.15-5.25GHz

20/05/2025

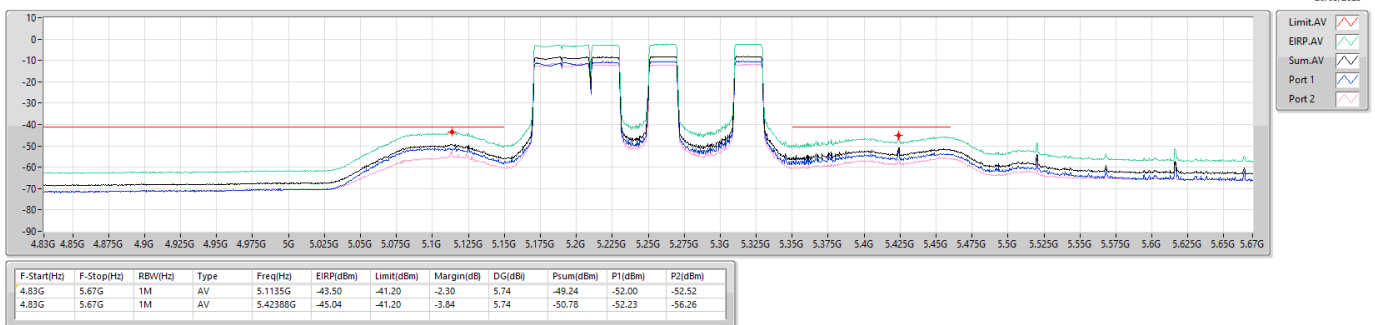


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX

CSE Bandedge [AV]

5250MHz Straddle 5.15-5.25GHz

20/05/2025

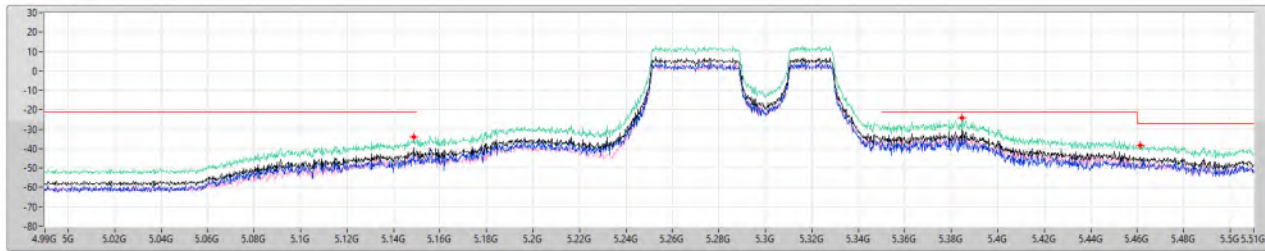


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX

CSE Bandedge [PK]

5290MHz

20/05/2025



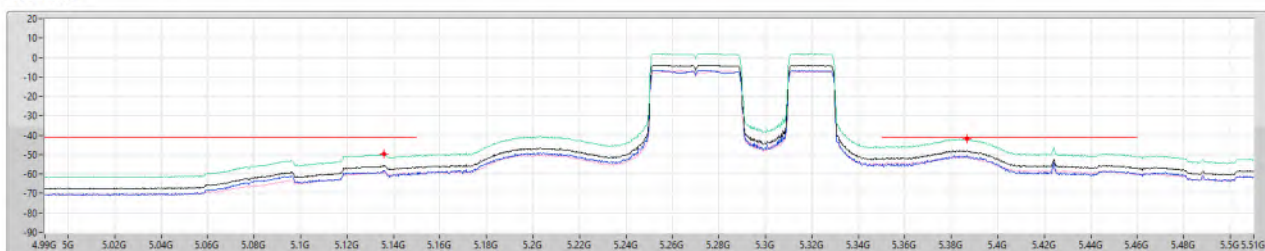
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
4.99G	5.51G	1M	PK	5.1486G	-33.86	-21.20	-12.66	5.95	-39.81	-40.56	-47.80
4.99G	5.51G	1M	PK	5.3944G	-24.23	-21.20	-3.03	5.95	-30.18	-32.72	-33.71
4.99G	5.51G	1M	PK	5.4613G	-38.33	-27.00	-11.33	5.95	-44.28	-50.38	-45.50

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX

CSE Bandedge [AV]

5290MHz

20/05/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
4.99G	5.51G	1M	AV	5.13586G	-49.52	-41.20	-8.32	5.95	-55.47	-58.09	-58.90
4.99G	5.51G	1M	AV	5.38676G	-41.96	-41.20	-0.76	5.95	-47.91	-50.63	-51.23



CSE Bandedge_Non-Beamforming_Radio 2_1T1S_ Channel Puncturing

Appendix E.15

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	Pass	4.83G	5.67G	PK	5.36172G	4.40	-27.33	-27.33	-22.93	-21.20	-1.73
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)	Pass	4.99G	5.51G	PK	5.36466G	4.37	-26.69	-26.69	-22.32	-21.20	-1.12

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



CSE Bandedge_Non-Beamforming_Radio 2_1T1S_ Channel Puncturing

Appendix E.15

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.99G	5.51G	AV	5.14964G	4.37	-53.78	-53.78	-49.41	-41.20	-8.21
5290MHz	Pass	4.99G	5.51G	AV	5.38338G	4.37	-46.86	-46.86	-42.49	-41.20	-1.29
5290MHz	Pass	4.99G	5.51G	PK	5.14236G	4.37	-34.20	-34.20	-29.83	-21.20	-8.63
5290MHz	Pass	4.99G	5.51G	PK	5.36466G	4.37	-26.69	-26.69	-22.32	-21.20	-1.12
5290MHz	Pass	4.99G	5.51G	PK	5.46554G	4.37	-40.11	-40.11	-35.74	-27.00	-8.74
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.11476G	4.40	-47.48	-47.48	-43.08	-41.20	-1.88
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.4075G	4.40	-48.99	-48.99	-44.59	-41.20	-3.39
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.13786G	4.40	-30.28	-30.28	-25.88	-21.20	-4.68
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.36844G	4.40	-28.45	-28.45	-24.05	-21.20	-2.85
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.46378G	4.40	-37.04	-37.04	-32.64	-27.00	-5.64
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.0925G	4.40	-49.70	-49.70	-45.30	-41.20	-4.10
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.36592G	4.40	-51.08	-51.08	-46.68	-41.20	-5.48
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.10594G	4.40	-32.15	-32.15	-27.75	-21.20	-6.55
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.36172G	4.40	-27.33	-27.33	-22.93	-21.20	-1.73
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.46252G	4.40	-39.41	-39.41	-35.01	-27.00	-8.01

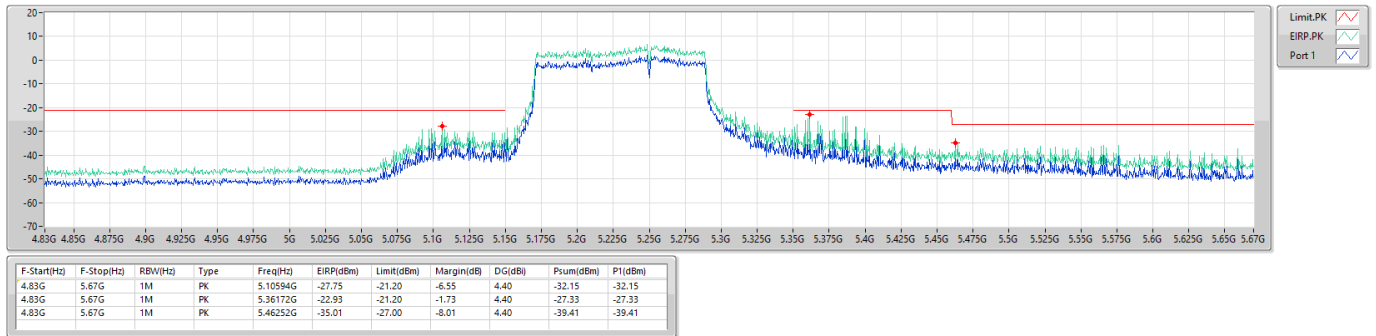
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)

CSE Bandedge [PK]

5250MHz Straddle 5.15-5.25GHz

17/05/2025

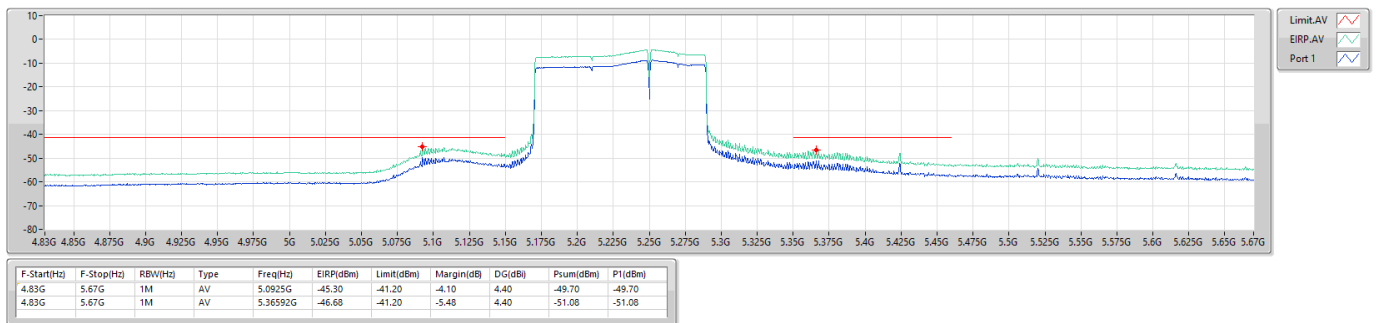


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX(Port1)

CSE Bandedge [AV]

5250MHz Straddle 5.15-5.25GHz

17/05/2025

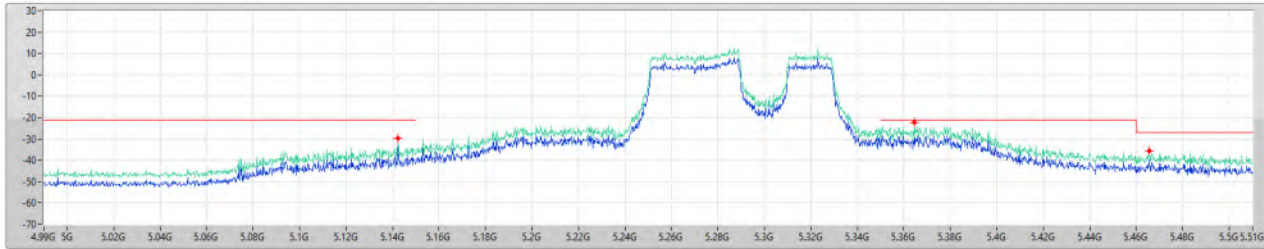


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)

CSE Bandedge [PK]

5290MHz

17/05/2025



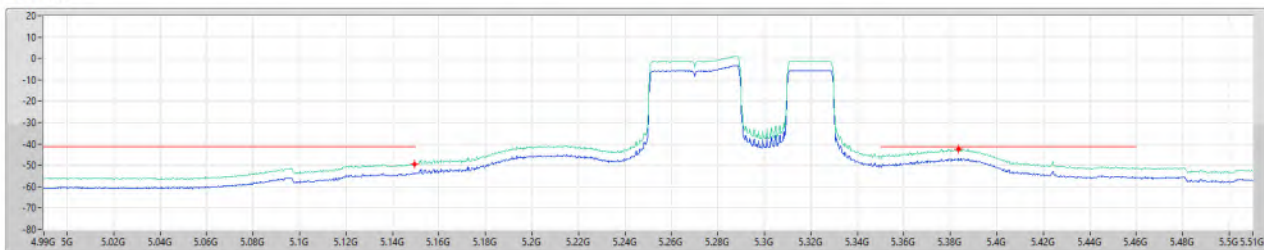
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
4.99G	5.51G	1M	PK	5.14236G	-29.83	-21.20	-8.63	4.37	-34.20	-34.20
4.99G	5.51G	1M	PK	5.30466G	-22.32	-21.20	-1.12	4.37	-26.69	-26.69
4.99G	5.51G	1M	PK	5.46554G	-35.74	-27.00	-8.74	4.37	-40.11	-40.11

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port1)

CSE Bandedge [AV]

5290MHz

17/05/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
4.99G	5.51G	1M	AV	5.14964G	-49.41	-41.20	-8.21	4.37	-53.78	-53.78
4.99G	5.51G	1M	AV	5.30338G	-42.49	-41.20	-1.29	4.37	-46.86	-46.86



CSE Bandedge _Non-Beamforming_Radio 2_2T1S_ Channel Puncturing

Appendix E.16

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)	P1 (dBm)	P2 (dBm)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	Pass	4.83G	5.67G	AV	5.40162G	5.74	-47.53	-41.79	-41.20	-0.59	-49.94	-51.24
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	Pass	4.99G	5.51G	AV	5.37896G	5.95	-47.51	-41.56	-41.20	-0.36	-50.75	-50.30

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)	P1 (dBm)	P2 (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.99G	5.51G	AV	5.13612G	5.95	-54.11	-48.16	-41.20	-6.96	-57.84	-56.50
5290MHz	Pass	4.99G	5.51G	AV	5.37896G	5.95	-47.51	-41.56	-41.20	-0.36	-50.75	-50.30
5290MHz	Pass	4.99G	5.51G	PK	5.14496G	5.95	-34.54	-28.59	-21.20	-7.39	-49.18	-34.69
5290MHz	Pass	4.99G	5.51G	PK	5.38494G	5.95	-27.52	-21.57	-21.20	-0.37	-40.18	-27.76
5290MHz	Pass	4.99G	5.51G	PK	5.46684G	5.95	-42.82	-36.87	-27.00	-9.87	-48.47	-44.20
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.11644G	5.74	-47.88	-42.14	-41.20	-0.94	-50.61	-51.19
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.40162G	5.74	-47.53	-41.79	-41.20	-0.59	-49.94	-51.24
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.1492G	5.74	-30.15	-24.41	-21.20	-3.21	-38.96	-30.76
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.4075G	5.74	-30.33	-24.59	-21.20	-3.39	-30.65	-41.86
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.46252G	5.74	-35.48	-29.74	-27.00	-2.74	-36.11	-44.20
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.11266G	5.74	-49.28	-43.54	-41.20	-2.34	-52.89	-51.76
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.4012G	5.74	-48.57	-42.83	-41.20	-1.63	-51.16	-52.04
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.13912G	5.74	-31.65	-25.91	-21.20	-4.71	-49.28	-31.73
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.42598G	5.74	-32.94	-27.20	-21.20	-6.00	-43.80	-33.31
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.46126G	5.74	-36.93	-31.19	-27.00	-4.19	-45.87	-37.52

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX

CSE Bandedge [PK]

5250MHz Straddle 5.15-5.25GHz

18/05/2025

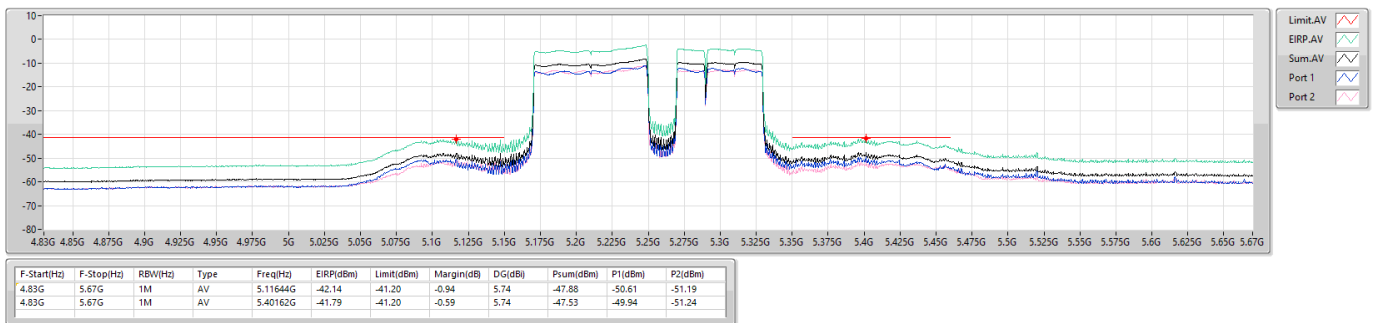


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX

CSE Bandedge [AV]

5250MHz Straddle 5.15-5.25GHz

18/05/2025

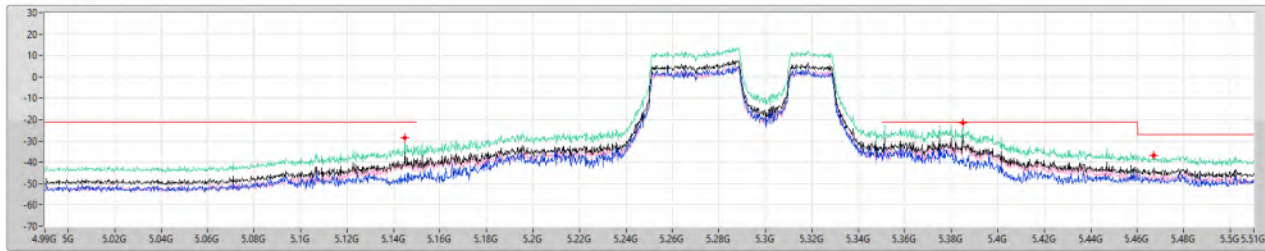


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX

CSE Bandedge [PK]

5290MHz

18/05/2025



Limit.PK
EIRP.PK
Sum.PK
Port 1
Port 2

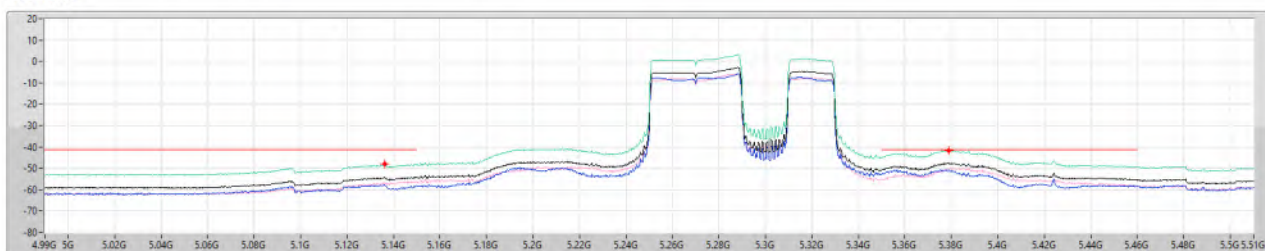
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
4.99G	5.51G	1M	PK	5.14496G	-28.59	-21.20	-7.39	5.95	-34.54	-49.18	-34.69
4.99G	5.51G	1M	PK	5.30494G	-21.57	-21.20	-0.37	5.95	-27.52	-40.18	-27.76
4.99G	5.51G	1M	PK	5.46684G	-36.87	-27.00	-9.87	5.95	-42.82	-48.47	-44.20

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX

CSE Bandedge [AV]

5290MHz

18/05/2025



Limit.AV
EIRP.AV
Sum.AV
Port 1
Port 2

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)
4.99G	5.51G	1M	AV	5.13612G	-48.16	-41.20	-6.96	5.95	-54.11	-57.84	-56.50
4.99G	5.51G	1M	AV	5.37896G	-41.56	-41.20	-0.36	5.95	-47.51	-50.75	-50.30

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	5.11G	5.39G	AV	5.3501G	4.12	-50.07	-50.07	-45.95	-41.20	-4.75
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	5.11G	5.39G	AV	5.35038G	4.12	-48.68	-48.68	-44.56	-41.20	-3.36

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Result

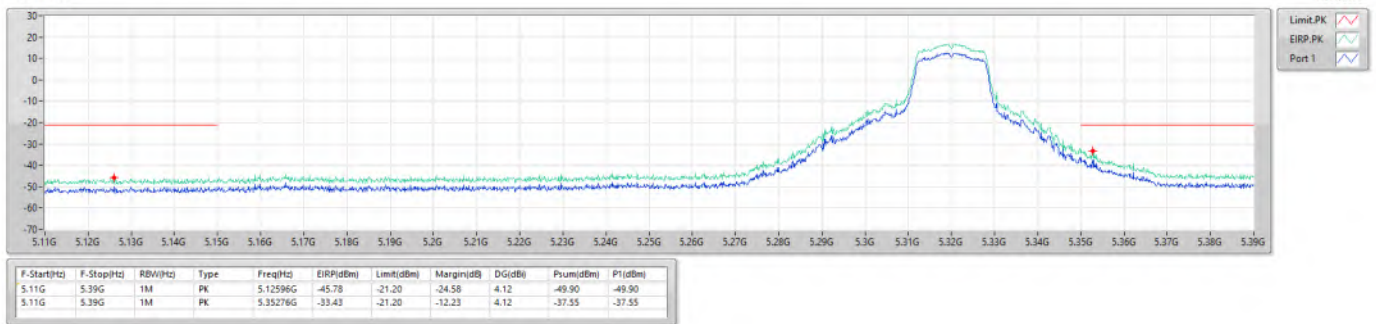
Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.11G	5.39G	AV	5.11126G	4.12	-61.78	-61.78	-57.66	-41.20	-16.46
5260MHz	Pass	5.11G	5.39G	AV	5.38832G	4.12	-60.15	-60.15	-56.03	-41.20	-14.83
5260MHz	Pass	5.11G	5.39G	PK	5.11672G	4.12	-50.15	-50.15	-46.03	-21.20	-24.83
5260MHz	Pass	5.11G	5.39G	PK	5.38426G	4.12	-47.74	-47.74	-43.62	-21.20	-22.42
5300MHz	Pass	5.11G	5.39G	AV	5.14542G	4.12	-60.63	-60.63	-56.51	-41.20	-15.31
5300MHz	Pass	5.11G	5.39G	AV	5.37824G	4.12	-59.26	-59.26	-55.14	-41.20	-13.94
5300MHz	Pass	5.11G	5.39G	PK	5.13954G	4.12	-48.74	-48.74	-44.62	-21.20	-23.42
5300MHz	Pass	5.11G	5.39G	PK	5.3711G	4.12	-48.15	-48.15	-44.03	-21.20	-22.83
5320MHz	Pass	5.11G	5.39G	AV	5.1359G	4.12	-61.09	-61.09	-56.97	-41.20	-15.77
5320MHz	Pass	5.11G	5.39G	AV	5.3501G	4.12	-50.07	-50.07	-45.95	-41.20	-4.75
5320MHz	Pass	5.11G	5.39G	AV	5.35024G	4.12	-50.07	-50.07	-45.95	-41.20	-4.75
5320MHz	Pass	5.11G	5.39G	PK	5.12596G	4.12	-49.90	-49.90	-45.78	-21.20	-24.58
5320MHz	Pass	5.11G	5.39G	PK	5.35276G	4.12	-37.55	-37.55	-33.43	-21.20	-12.23
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.11G	5.39G	AV	5.13926G	4.12	-61.80	-61.80	-57.68	-41.20	-16.48
5260MHz	Pass	5.11G	5.39G	AV	5.38314G	4.12	-60.02	-60.02	-55.90	-41.20	-14.70
5260MHz	Pass	5.11G	5.39G	PK	5.11098G	4.12	-49.62	-49.62	-45.50	-21.20	-24.30
5260MHz	Pass	5.11G	5.39G	PK	5.35752G	4.12	-48.32	-48.32	-44.20	-21.20	-23.00
5300MHz	Pass	5.11G	5.39G	AV	5.14598G	4.12	-60.87	-60.87	-56.75	-41.20	-15.55
5300MHz	Pass	5.11G	5.39G	AV	5.37754G	4.12	-59.33	-59.33	-55.21	-41.20	-14.01
5300MHz	Pass	5.11G	5.39G	PK	5.12078G	4.12	-49.81	-49.81	-45.69	-21.20	-24.49
5300MHz	Pass	5.11G	5.39G	PK	5.38426G	4.12	-47.25	-47.25	-43.13	-21.20	-21.93
5320MHz	Pass	5.11G	5.39G	AV	5.14892G	4.12	-61.39	-61.39	-57.27	-41.20	-16.07
5320MHz	Pass	5.11G	5.39G	AV	5.35038G	4.12	-48.68	-48.68	-44.56	-41.20	-3.36
5320MHz	Pass	5.11G	5.39G	PK	5.1261G	4.12	-50.02	-50.02	-45.90	-21.20	-24.70
5320MHz	Pass	5.11G	5.39G	PK	5.3501G	4.12	-36.07	-36.07	-31.95	-21.20	-10.75

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

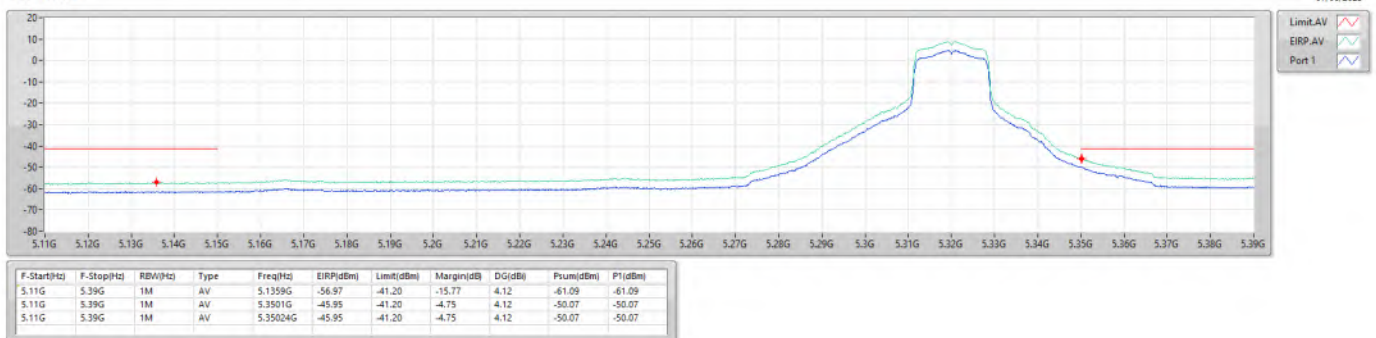
5320MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

5320MHz

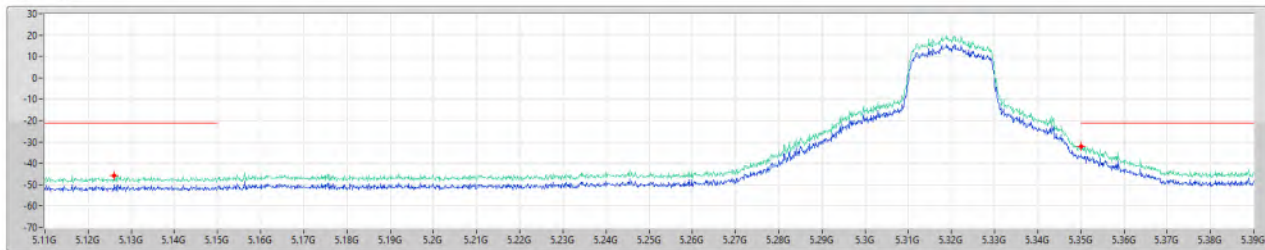


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

5320MHz

07/06/2025



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

5320MHz

07/06/2025

