

FCC Radio Test Report

FCC ID : UDX-600218020
Equipment : Cisco Wireless 9174E Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9174E
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 May 12, 2025, and testing was started from Jun. 11, 2025 and completed on Aug. 07, 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

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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: Daniel Hsu

Report Producer: Amber Chiu

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_1T1S_Full RU

Band	Mode	BWch (MHz)	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_2T1S_Full RU

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX(Port 1/3)
5.25-5.35GHz	802.11be EHT20	20	2TX(Port 1/3)
5.25-5.35GHz	802.11be EHT40	40	2TX(Port 1/3)
5.25-5.35GHz	802.11be EHT80	80	2TX(Port 1/3)
5.15-5.25GHz	802.11be EHT160	160	2TX(Port 1/3)
5.25-5.35GHz	802.11be EHT160	160	2TX(Port 1/3)

Non-Beamforming_Radio 2_4T1S_Full RU

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX

Non-Beamforming_Radio 2_1T1S_Multi-RU

Band	Mode	BWch (MHz)	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_2T1S_Multi-RU

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT80	80	2TX(Port 1/3)
5.15-5.25GHz	802.11be EHT160	160	2TX(Port 1/3)
5.25-5.35GHz	802.11be EHT160	160	2TX(Port 1/3)

Non-Beamforming_Radio 2_4T1S_Multi-RU

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX

Non-Beamforming_Radio 2_1T1S_Channel Puncturing

Band	Mode	BWch (MHz)	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_2T1S_Channel Puncturing

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT80	80	2TX(Port 1/3)
5.15-5.25GHz	802.11be EHT160	160	2TX(Port 1/3)
5.25-5.35GHz	802.11be EHT160	160	2TX(Port 1/3)

Non-Beamforming_Radio 2_4T1S_Channel Puncturing

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT160	160	4TX
5.25-5.35GHz	802.11be EHT160	160	4TX

Beamforming_Radio 2

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	4TX
5.25-5.35GHz	802.11be EHT40-BF	40	4TX
5.25-5.35GHz	802.11be EHT80-BF	80	4TX
5.15-5.25GHz	802.11be EHT160-BF	160	4TX
5.25-5.35GHz	802.11be EHT160-BF	160	4TX

Scan Radio

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]

Non-Beamforming_Scan Radio

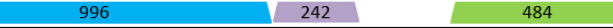
Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	1TX
5.25-5.35GHz	802.11ax HEW20	20	1TX

Note:

- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- EHT20, EHT40, EHT80, 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. (Radio 2)
- Evaluated HEW20 mode only due to the similar modulation. The power setting of HT20/ VHT20/ HEW20 mode are the same or lower than HEW20. (Scan Radio)

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	Cisco	C-ANT9101=	Omnidirectional	Octal DART	2.4G+5G+6G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
2	Cisco	C-ANT9102=	Omnidirectional	Octal DART	2.4G+5G+6G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
3	Cisco	C-ANT9103=	Directional Patch	Right angle octal DART	2.4G+5G+6G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
4	Cisco	CW-ANT-T-O2-D8	Omnidirectional	Octal DART	2.4G+5G+6G+BLE&IEEE 802.15.5	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
5	Cisco	CW-ANT-T-D2-D8	Directional Panel	Right angle octal DART	2.4G+5G+6G+BLE&IEEE 802.15.6	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
6	Cisco	MA-ANT-3-C6	Panel Omni	RP-TNC	2.4G+5G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
7	Cisco	MA-ANT-3-D6	Downtilt Panel Omni	RP-TNC	2.4G+5G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*2R BLE&IEEE 802.15.4 1T*1R
8	Cisco	MA-ANT-3-E6	Wide Patch	RP-TNC	2.4G+5G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R



Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
9	Cisco	MA-ANT-3-F6	Narrow Patch	RP-TNC	2.4G+5G+Scan+ BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
10	Cisco	AIR-ANT2524 V4C-R/RS=	Ceiling Mount Omni-Directional	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
11	Cisco	AIR-ANT2544 V4M-R/RS	Wall-Mounted Omnidirectional	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
12	Cisco	AIR-ANT2566 P4W-R/RS	4-Element Patch	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
13	Cisco	AIR-ANT2566 D4M-R/RS	Directional Array	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
14	Cisco	AIR-ANT2513 P4M-N	Patch Array	N-Female Bulkhead	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
15	Cisco	AIR-ANT2513 P4M-NS	Patch Array	N-Female Bulkhead	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
16	Cisco	CW-ANT-T-O4 -R	Omnidirectional	Reverse Polarity TNC	2.4G+5G+6G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4

Ant.	Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BLE& IEEE 802.15.4
1	2	6	6	6	6	6	6	6	6	3
2	4	4	4	4	4	4	4	4	4	4
3	6	6	6	6	6	6	6	6	6	6
4	3.25	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	3.25
5	6.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.6
6	4.9	4.9	4.9	4.9	4.9	-	-	-	-	4.9
7	2.9	3.7	3.7	3.7	3.7	-	-	-	-	2.9
8	7	6.3	6.3	6.3	6.3	-	-	-	-	7

Ant.	Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BLE& IEEE 802.15.4
9	11.2	10.8	10.8	10.8	10.8	-	-	-	-	11.2
10	2	4	4	4	4	-	-	-	-	-
11	4	4	4	4	4	-	-	-	-	-
12	6	6	6	6	6	-	-	-	-	-
13	6	6	6	6	6	-	-	-	-	-
14	13	13	13	13	13	-	-	-	-	-
15	13	13	13	13	13	-	-	-	-	-
16	1	2	2	2	2	4	4	4	4	-

Note 1: The EUT has sixteen antennas.

Note 2: Ant. 1 and Ant. 14 (for 2.4G), Ant. 7 and Ant. 14 (for 5G), Ant.2 and Ant.3 (for 6G), Ant.7 and Ant.9 (for IoT), which designated by the manufacturer, was used during the test.

For 2.4GHz function:

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

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 1 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~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (1TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive.

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

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 2)

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 3 and it was recorded in this test report.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/4RX) (Radio 2)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 2)

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive.

For 6GHz function:

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3)

Ant. 1~Ant. 5 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 3 and it was recorded in this test report.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive simultaneously.

For BT function:

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

Ant. 1~Ant. 9 could transmit/receive.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 1~Ant. 9 could transmit/receive.

Note 2: Directional gain information

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{BT}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

1.1.5 Table of Serial Number

Test item	Serial Number
RF	FVH2911ASZD

1.1.6 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:		

1.1.7 Mode Test Duty Cycle

Non-Beamforming_Radio 2_Downtilt Panel Omni_1T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX(Port3)	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	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_Downtilt Panel Omni_2T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

**Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Full RU**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_4TX	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_Patch Array_1T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX(Port3)	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	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_Patch Array_2T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Patch Array_4T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_4TX	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_Downtilt Panel Omni_1T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)	0.823	0.85	1.422m	1k
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	0.909	0.41	2.747m	500
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)	0.823	0.85	1.422m	1k

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_2T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX(Port1&Port3)	0.831	0.8	1.425m	1k
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	0.909	0.41	2.747m	500
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX(Port1&Port3)	0.831	0.8	1.425m	1k

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	0.891	0.5	2.745m	500
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	0.816	0.88	1.421m	1k

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

Non-Beamforming_Radio 2_Patch Array_1T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	0.909	0.41	2.747m	1k
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3)	0.897	0.47	2.766m	1k

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

**Non-Beamforming_Radio 2_Patch Array_2T1S_Multi-RU**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	0.901	0.45	2.745m	500
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	0.901	0.45	2.761m	500
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	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_Patch Array_4T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	0.817	0.88	1.421m	1k
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	0.891	0.5	2.745m	500
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	0.817	0.88	1.421m	1k

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_1T1S_Channel Puncturing

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	0.998	0.01	5.456m	10
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	0.998	0.01	5.456m	10
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	0.997	0.01	5.456m	10
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	0.998	0.01	5.456m	10
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	0.998	0.01	5.456m	10

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

**Non-Beamforming_Radio 2_Downtilt Panel Omni_2T1S_Channel Puncturing**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	0.997	0.01	5.456m	10

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Channel Puncturing

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	0.998	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	0.998	0.01	5.456m	10

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

Non-Beamforming_Radio 2_Patch Array_1T1S_Channel Puncturing

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	0.997	0.01	5.453m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3)	0.997	0.01	5.453m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	0.997	0.01	5.453m	10

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

Non-Beamforming_Radio 2_Patch Array_2T1S_Channel Puncturing

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	0.997	0.01	5.456m	10

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

**Non-Beamforming_Radio 2_Patch Array_4T1S_Channel Puncturing**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	0.998	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	0.997	0.01	5.456m	10

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

Non-Beamforming_Scan Radio_Downtilt Panel Omni

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.992	0.03	2.097m	10Hz (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.446m	10Hz (DC>=0.98)

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

Non-Beamforming_Scan Radio_Patch Array

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.992	0.03	2.097m	10Hz (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.446m	10Hz (DC>=0.98)

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

Beamforming_Radio 2_Downtilt Panel Omni

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_4TX	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.

Beamforming_Radio 2_Patch Array

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_4TX	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 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	Andy Wang	23.1~23.9°C / 56~62%	08/Jul/2025
Radiated (Co-location)	03CH02-HY	Vasari Huang	23.1~23.7°C / 53~59%	07/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			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	23.1~23.7°C / 54~63%	11/Jun/2025~18/Jul/2025
Radiated	03CH24-HY	Andy Wang	22.2~23.3°C / 50~51%	02/Jul/2025~05/Jul/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_Downtilt Panel Omni_1T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(Port3)	-
5260MHz	19
5300MHz	19
5320MHz	19
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-
5260MHz	19
5300MHz	19
5320MHz	19
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-
5270MHz	19
5310MHz	18
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-
5290MHz	18
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-
5250MHz Straddle 5.15-5.25GHz	16.5
5250MHz Straddle 5.25-5.35GHz	16.5

Non-Beamforming_Radio 2_Downtilt Panel Omni_2T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-
5260MHz	19
5300MHz	18.5
5320MHz	16.5
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-
5260MHz	19
5300MHz	18
5320MHz	16
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-
5270MHz	18
5310MHz	14.5



Mode	Power Setting
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-
5290MHz	14.5
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-
5250MHz Straddle 5.15-5.25GHz	11.5
5250MHz Straddle 5.25-5.35GHz	11.5

Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	15
5300MHz	15
5320MHz	15
802.11be EHT20_Nss1,(MCS0)_4TX	-
5260MHz	16
5300MHz	15.5
5320MHz	15.5
802.11be EHT40_Nss1,(MCS0)_4TX	-
5270MHz	17.5
5310MHz	11
802.11be EHT80_Nss1,(MCS0)_4TX	-
5290MHz	10.5
802.11be EHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	9.5
5250MHz Straddle 5.25-5.35GHz	9.5

Non-Beamforming_Radio 2_Patch Array_1T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(Port3)	-
5260MHz	17
5300MHz	17
5320MHz	17
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-
5260MHz	17
5300MHz	17
5320MHz	16.5
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-
5270MHz	17



Mode	Power Setting
5310MHz	13.5
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-
5290MHz	13
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-
5250MHz Straddle 5.15-5.25GHz	11
5250MHz Straddle 5.25-5.35GHz	11

Non-Beamforming_Radio 2_Patch Array_2T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-
5260MHz	11.5
5300MHz	11.5
5320MHz	11
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-
5260MHz	12
5300MHz	12
5320MHz	11.5
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-
5270MHz	13.5
5310MHz	9
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-
5290MHz	9
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-
5250MHz Straddle 5.15-5.25GHz	9
5250MHz Straddle 5.25-5.35GHz	9

Non-Beamforming_Radio 2_Patch Array_4T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	5.5
5300MHz	5.5
5320MHz	5.5
802.11be EHT20_Nss1,(MCS0)_4TX	-
5260MHz	6
5300MHz	6
5320MHz	6
802.11be EHT40_Nss1,(MCS0)_4TX	-



Mode	Power Setting
5270MHz	9.5
5310MHz	6
802.11be EHT80_Nss1,(MCS0)_4TX	-
5290MHz	5.5
802.11be EHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	4.5
5250MHz Straddle 5.25-5.35GHz	4.5

Non-Beamforming Radio 2 Downtilt Panel Omni 1T1S Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5290MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)	-
5250MHz Straddle 5.15-5.25GHz	14
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)	-
5250MHz Straddle 5.25-5.35GHz	14

Non-Beamforming Radio 2 Downtilt Panel Omni 2T1S Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-
5290MHz	12.5
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX(Port1&Port3)	-
5250MHz Straddle 5.15-5.25GHz	8.5
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX(Port1&Port3)	-
5250MHz Straddle 5.25-5.35GHz	8.5

Non-Beamforming Radio 2 Downtilt Panel Omni 4T1S Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5290MHz	6.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-
5250MHz Straddle 5.15-5.25GHz	7.5



Mode	Power Setting
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-
5250MHz Straddle 5.25-5.35GHz	7.5

Non-Beamforming_Radio 2_Patch Array_1T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5290MHz	11
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3)	-
5250MHz Straddle 5.15-5.25GHz	8.5
5250MHz Straddle 5.25-5.35GHz	8.5

Non-Beamforming_Radio 2_Patch Array_2T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-
5290MHz	6
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	-
5250MHz Straddle 5.15-5.25GHz	5.5
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	-
5250MHz Straddle 5.25-5.35GHz	5.5

Non-Beamforming_Radio 2_Patch Array_4T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5290MHz	2
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-
5250MHz Straddle 5.15-5.25GHz	2
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-
5250MHz Straddle 5.25-5.35GHz	2

**Non-Beamforming_Radio 2_Downtilt Panel Omni_1T1S_Channel Puncturing**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	-
5290MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	-
5250MHz Straddle 5.15-5.25GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-
5250MHz Straddle 5.15-5.25GHz	14.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	-
5250MHz Straddle 5.25-5.35GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-
5250MHz Straddle 5.25-5.35GHz	14.5

Non-Beamforming_Radio 2_Downtilt Panel Omni_2T1S_Channel Puncturing

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-
5290MHz	13
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	-
5250MHz Straddle 5.15-5.25GHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-
5250MHz Straddle 5.15-5.25GHz	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	-
5250MHz Straddle 5.25-5.35GHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-
5250MHz Straddle 5.25-5.35GHz	10

**Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Channel Puncturing**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5290MHz	8.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5250MHz Straddle 5.15-5.25GHz	7.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-
5250MHz Straddle 5.15-5.25GHz	7.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5250MHz Straddle 5.25-5.35GHz	7.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-
5250MHz Straddle 5.25-5.35GHz	7.5

Non-Beamforming_Radio 2_Patch Array_1T1S_Channel Puncturing

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	-
5290MHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3)	-
5250MHz Straddle 5.15-5.25GHz	9.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-
5250MHz Straddle 5.15-5.25GHz	9
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3)	-
5250MHz Straddle 5.25-5.35GHz	9.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-
5250MHz Straddle 5.25-5.35GHz	9

**Non-Beamforming_Radio 2_Patch Array_2T1S_Channel Puncturing**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-
5290MHz	7
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	-
5250MHz Straddle 5.15-5.25GHz	7
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-
5250MHz Straddle 5.15-5.25GHz	7
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	-
5250MHz Straddle 5.25-5.35GHz	7
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-
5250MHz Straddle 5.25-5.35GHz	7

Non-Beamforming_Radio 2_Patch Array_4T1S_Channel Puncturing

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5290MHz	3.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5250MHz Straddle 5.15-5.25GHz	3
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5250MHz Straddle 5.15-5.25GHz	3
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5250MHz Straddle 5.25-5.35GHz	3
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5250MHz Straddle 5.25-5.35GHz	3

**Non-Beamforming_Scan Radio_Downtilt Panel Omni**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	14
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	14

Non-Beamforming_Scan Radio_Patch Array

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	13
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	12.5

Beamforming_Radio 2_Downtilt Panel Omni

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	14.5
5300MHz	14.5
5320MHz	14
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	14.5
5310MHz	11
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	10.5
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	9.5
5250MHz Straddle 5.25-5.35GHz	9.5

**Beamforming_Radio 2_Patch Array**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	4.5
5300MHz	4
5320MHz	4
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	4.5
5310MHz	4
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	4
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	4.5
5250MHz Straddle 5.25-5.35GHz	4.5

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	Z Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement
Operating Mode	CTX
1	R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+BT
2	R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+BT
3	R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4
4	R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4
Refer to Sporton Test Report No.: FA550854 for Co-location RF Exposure Evaluation and Appendix F 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

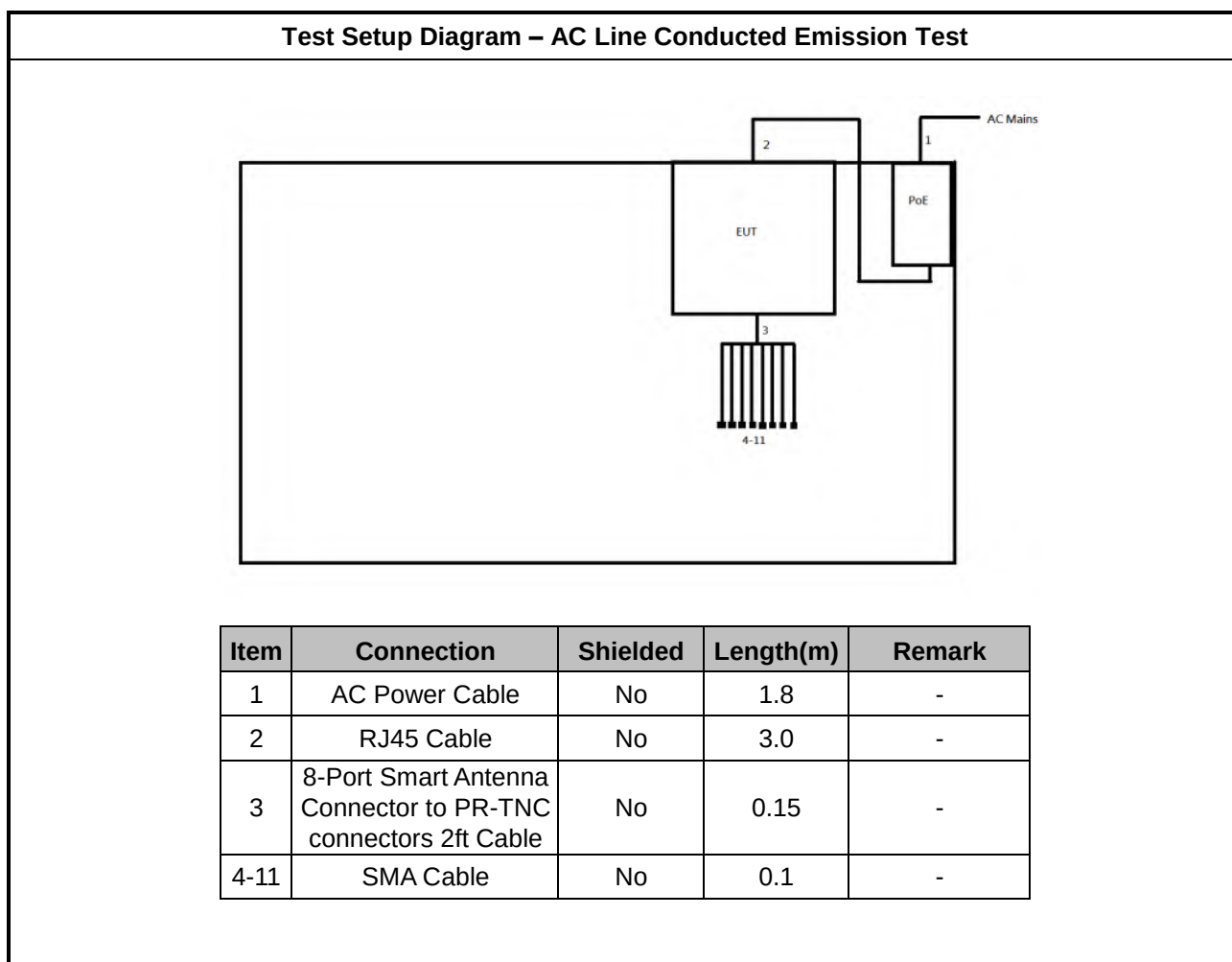
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	CISCO	AIR-CAB002-D8-R	-	Provided by Customer
2	SMA Cable * 8	Amphenol RF Asia Ltd	95-668-45449-1	-	Provided by Customer
3	AC Power Cable	Power Sync	PW-GPC180-3	-	-
4	RJ45 Cable	Power sync	CAT-6E-03	-	-
5	PoE	PHIHONG	POE60U-BTA	-	Provided by Customer

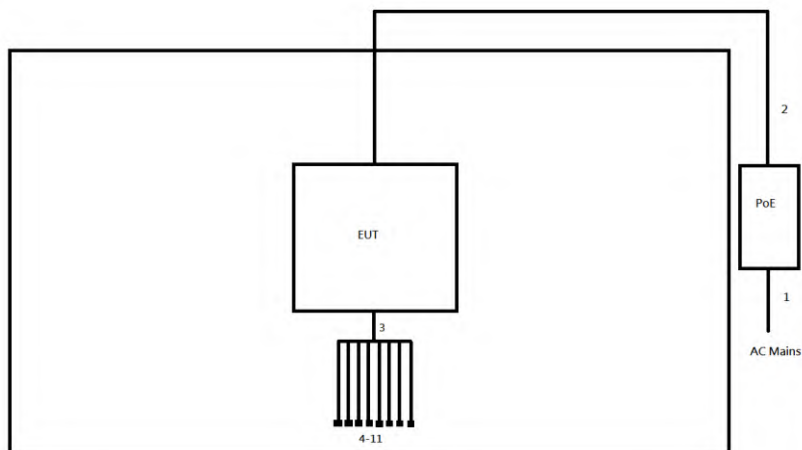
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	PHIHONG	POE60U-BTA	-	Provided by Customer
4	AC Power Cable X2	Power Sync	PW-GPC180-3	-	-
5	SMA Cable	Amphenol RF Asia Ltd	95-668-45449-1	-	Provided by Customer
6	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	CISCO	AIR-CAB002-D8-R	-	Provided by Customer



Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	CISCO	AIR-CAB002-D8-R	-	Provided by Customer
2	SMA Cable * 8	Amphenol RF Asia Ltd	95-668-45449-1	-	Provided by Customer
3	RJ45 Cable	Power sync	CAT-6E-03	-	-
4	PoE (Remote)	PHIHONG	POE60U-BTA	-	Provided by Customer
5	AC Power Cable (Remote)	Power Sync	PW-GPC180-3	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test_PoE Mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ45 Cable	No	3.0	-
3	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	No	0.15	-
4-11	SMA Cable	No	0.1	-

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

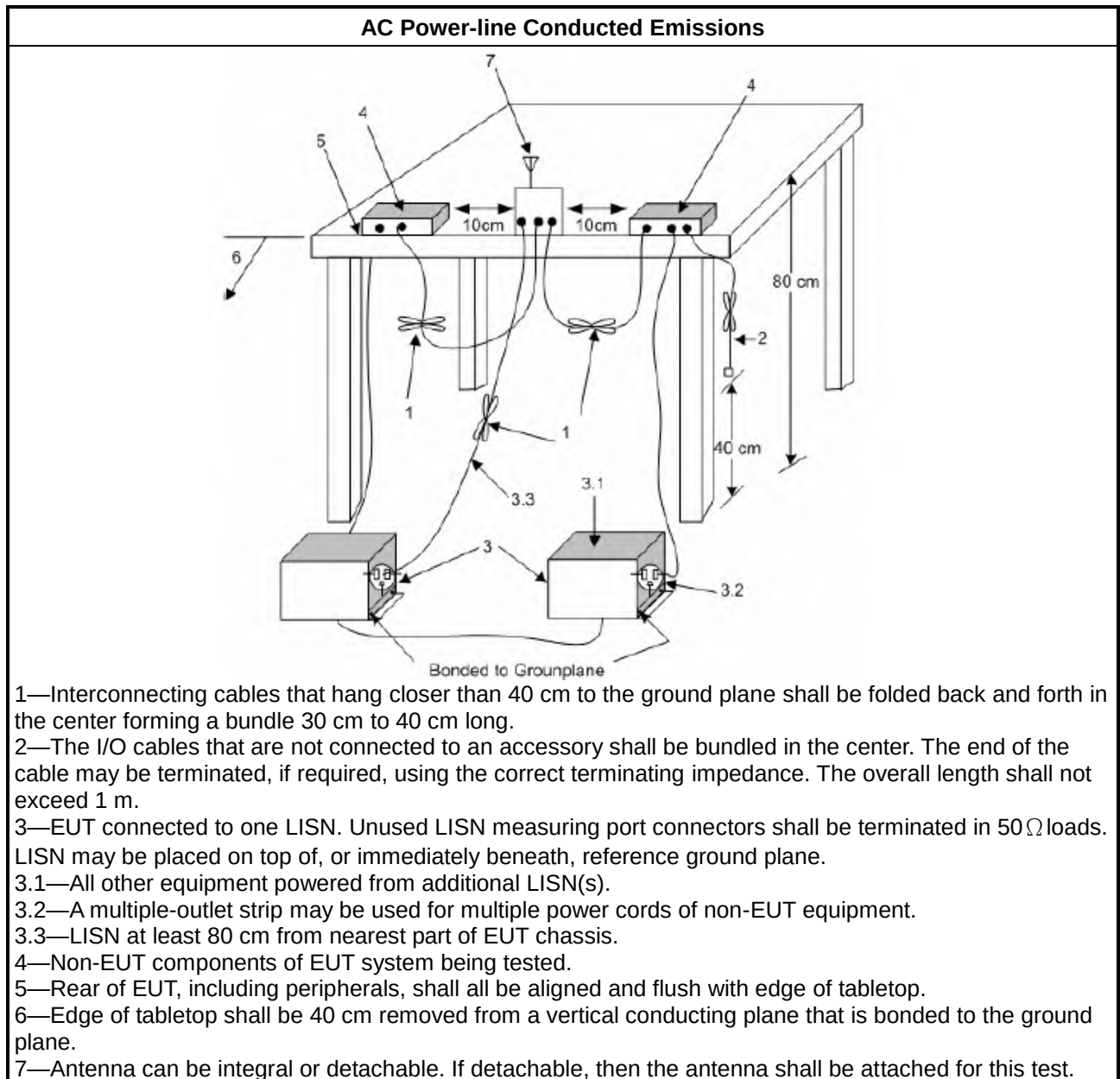
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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.

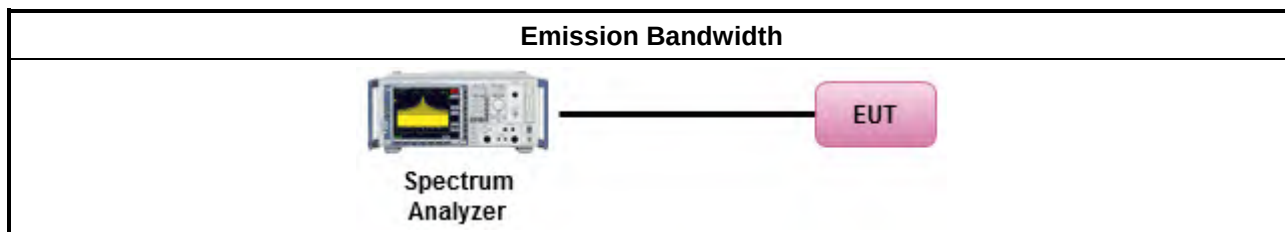
3.2.2 Measuring Instruments

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 ≤ 125mW [21dBm]
	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.	

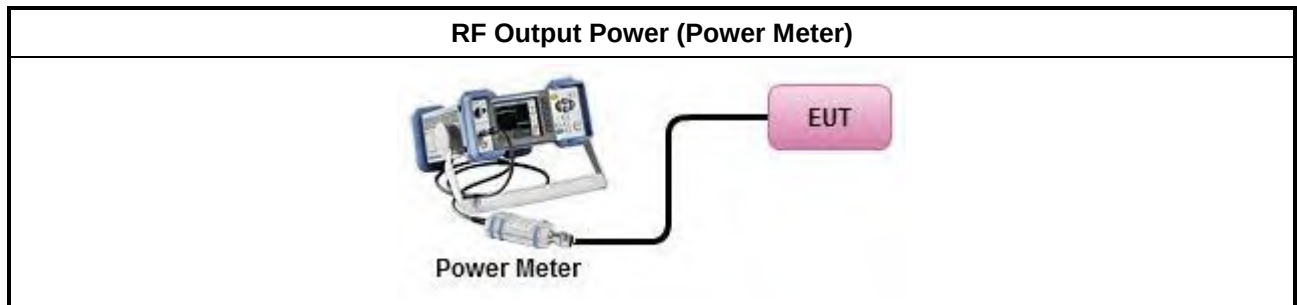
3.3.2 Measuring Instruments

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



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.	

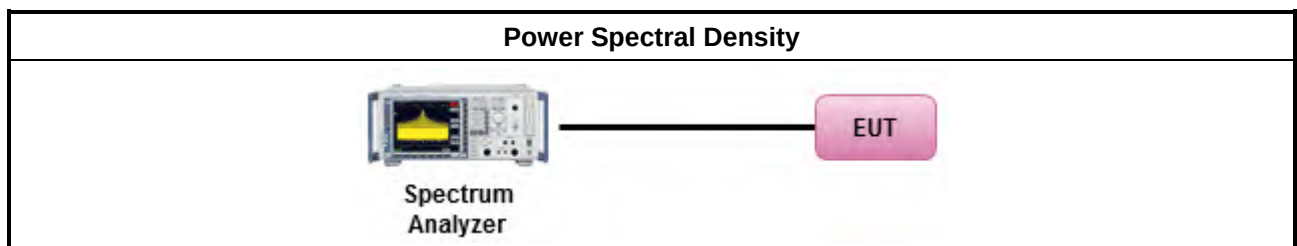
3.4.2 Measuring Instruments

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.

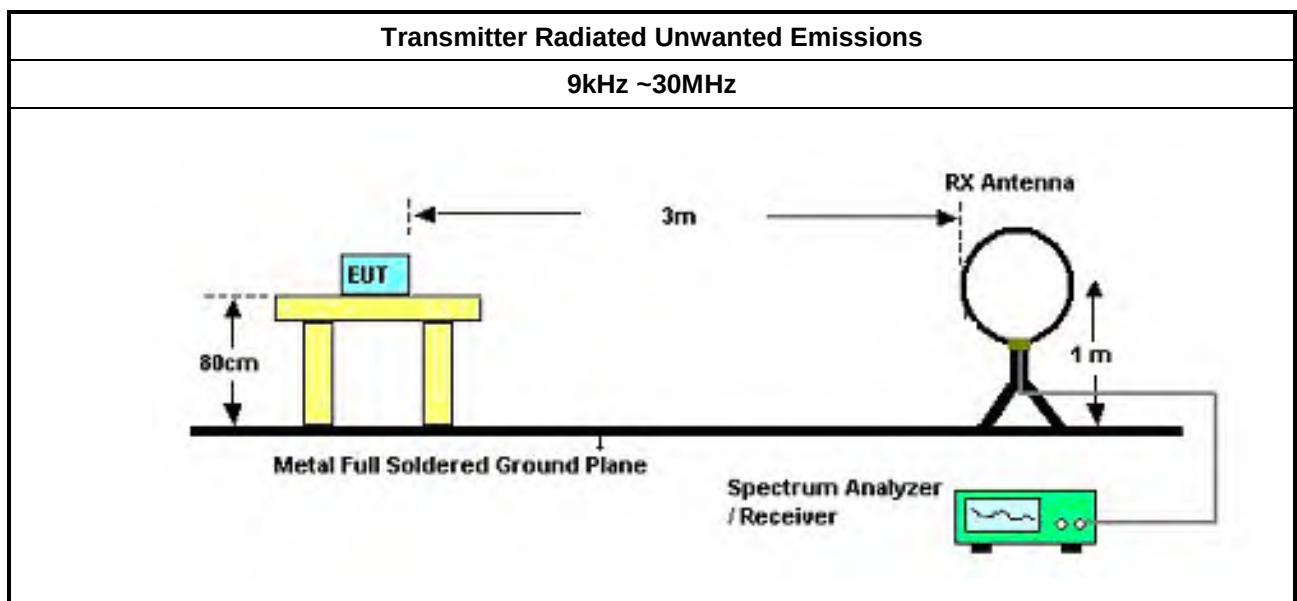
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber 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.

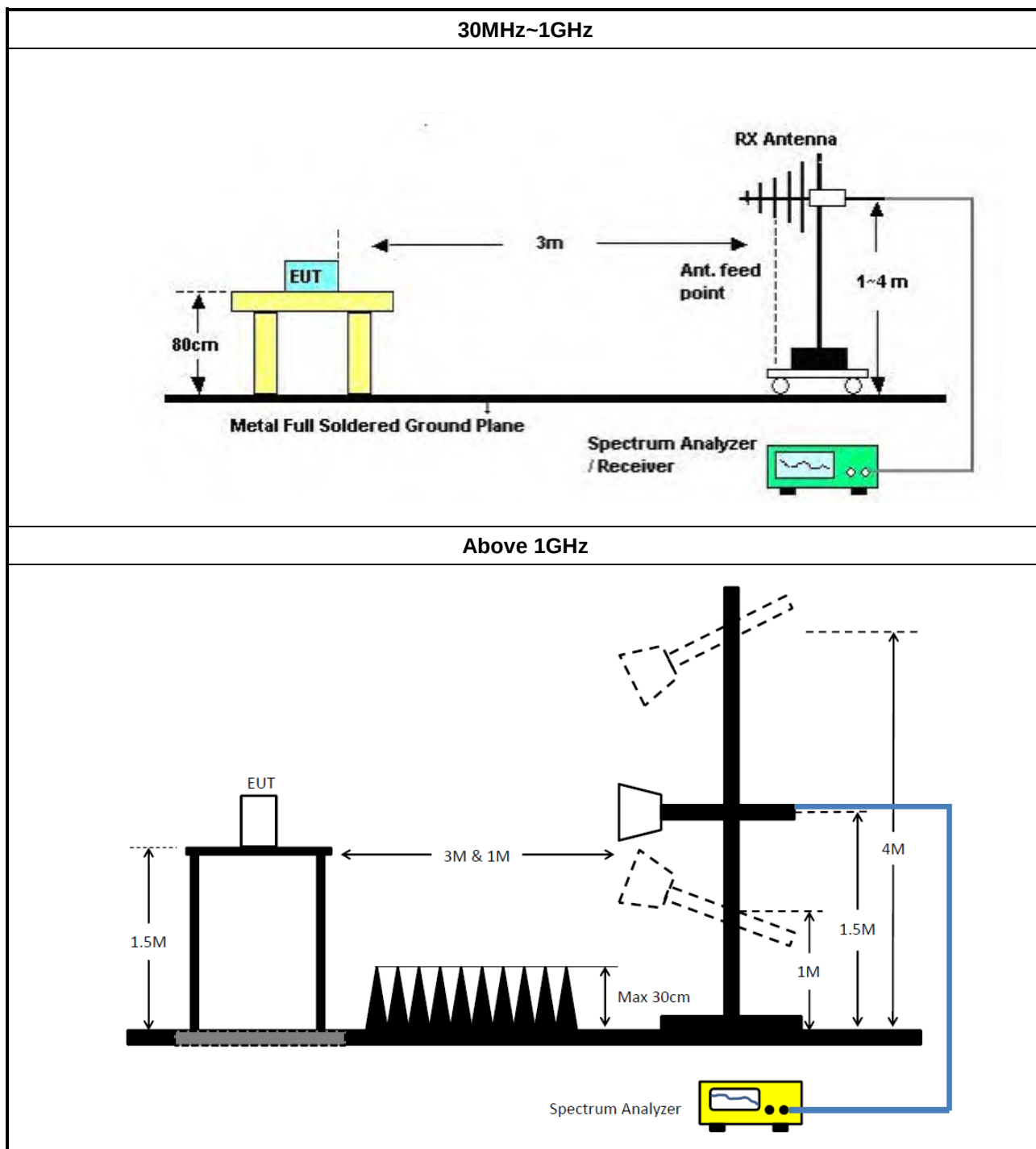
3.5.4 Measurement Results Calculation

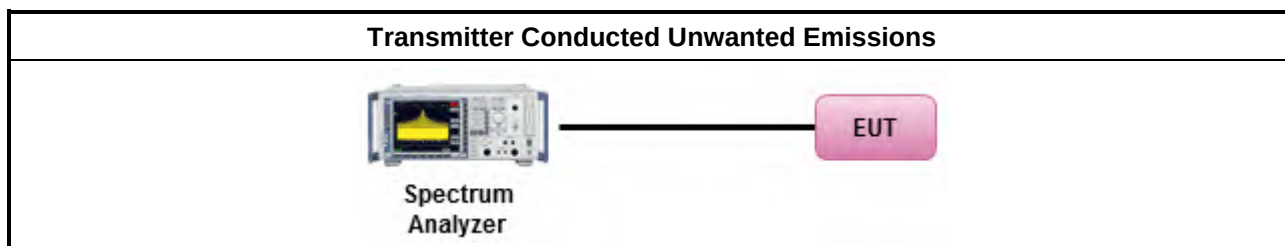
The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier 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	100003	9kHz ~ 30MHz	18/Apr/2025	17/Apr/2026
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
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

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	V5.11.24	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH24-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	16/Aug/2024	15/Aug/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	30/Jul/2024	29/Jul/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101345	10Hz~44GHz	27/Aug/2024	26/Aug/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	13/Apr/2025	12/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	15/Aug/2024	14/Aug/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	01/Oct/2024	30/Sep/2025
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	08/Apr/2025	07/Apr/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	12/Aug/2024	11/Aug/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.24	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

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_Non-Beamforming_Radio 2 Appendix A.1

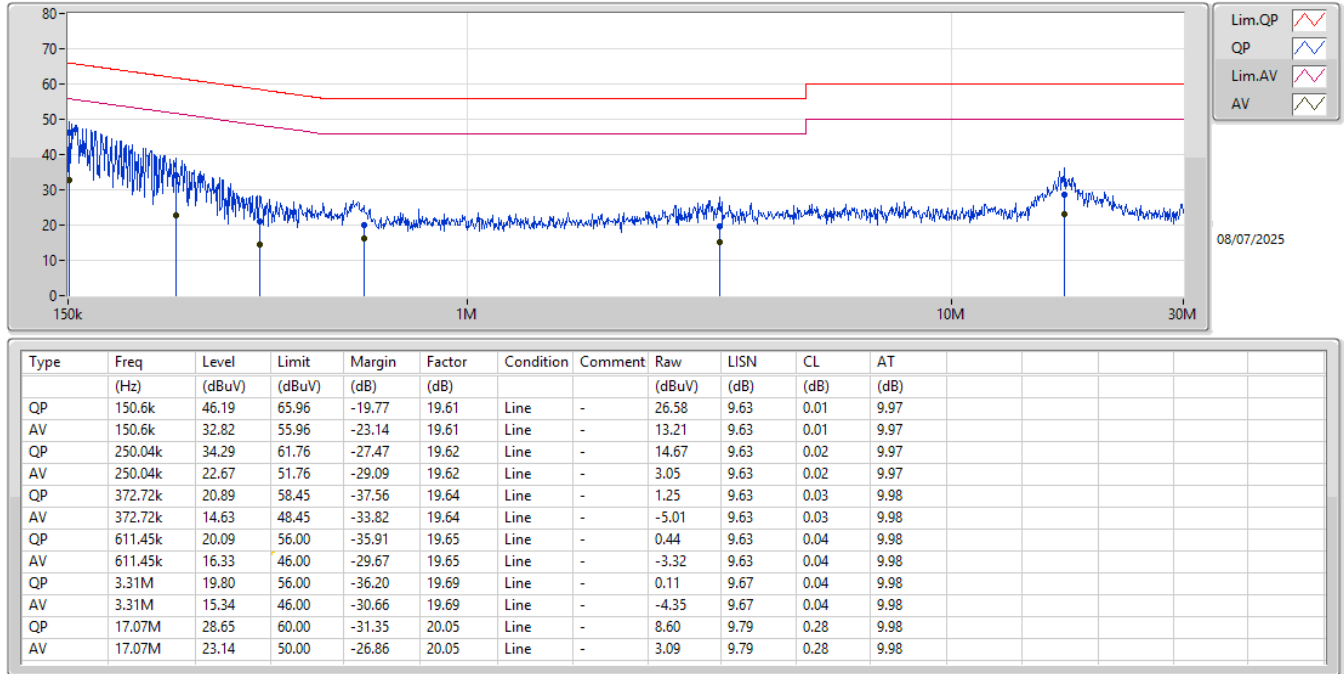
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	47.30	66.00	-18.70	Neutral

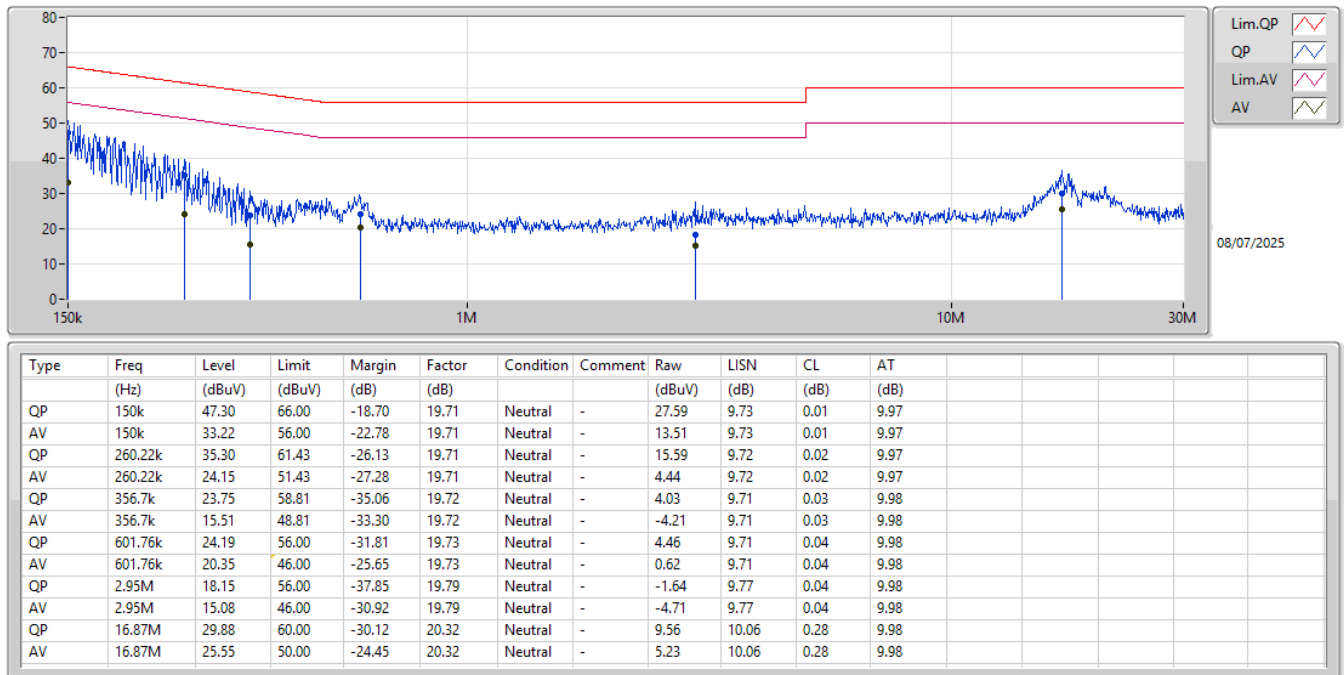
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150.6k	46.19	65.96	-19.77	Line	-
Mode 1	Pass	AV	150.6k	32.82	55.96	-23.14	Line	-
Mode 1	Pass	QP	250.04k	34.29	61.76	-27.47	Line	-
Mode 1	Pass	AV	250.04k	22.67	51.76	-29.09	Line	-
Mode 1	Pass	QP	372.72k	20.89	58.45	-37.56	Line	-
Mode 1	Pass	AV	372.72k	14.63	48.45	-33.82	Line	-
Mode 1	Pass	QP	611.45k	20.09	56.00	-35.91	Line	-
Mode 1	Pass	AV	611.45k	16.33	46.00	-29.67	Line	-
Mode 1	Pass	QP	3.31M	19.80	56.00	-36.20	Line	-
Mode 1	Pass	AV	3.31M	15.34	46.00	-30.66	Line	-
Mode 1	Pass	QP	17.07M	28.65	60.00	-31.35	Line	-
Mode 1	Pass	AV	17.07M	23.14	50.00	-26.86	Line	-
Mode 1	Pass	QP	150k	47.30	66.00	-18.70	Neutral	-
Mode 1	Pass	AV	150k	33.22	56.00	-22.78	Neutral	-
Mode 1	Pass	QP	260.22k	35.30	61.43	-26.13	Neutral	-
Mode 1	Pass	AV	260.22k	24.15	51.43	-27.28	Neutral	-
Mode 1	Pass	QP	356.7k	23.75	58.81	-35.06	Neutral	-
Mode 1	Pass	AV	356.7k	15.51	48.81	-33.30	Neutral	-
Mode 1	Pass	QP	601.76k	24.19	56.00	-31.81	Neutral	-
Mode 1	Pass	AV	601.76k	20.35	46.00	-25.65	Neutral	-
Mode 1	Pass	QP	2.95M	18.15	56.00	-37.85	Neutral	-
Mode 1	Pass	AV	2.95M	15.08	46.00	-30.92	Neutral	-
Mode 1	Pass	QP	16.87M	29.88	60.00	-30.12	Neutral	-
Mode 1	Pass	AV	16.87M	25.55	50.00	-24.45	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





Conducted Emissions at Powerline_Non-Beamforming_ Scan Radio

Appendix A.2

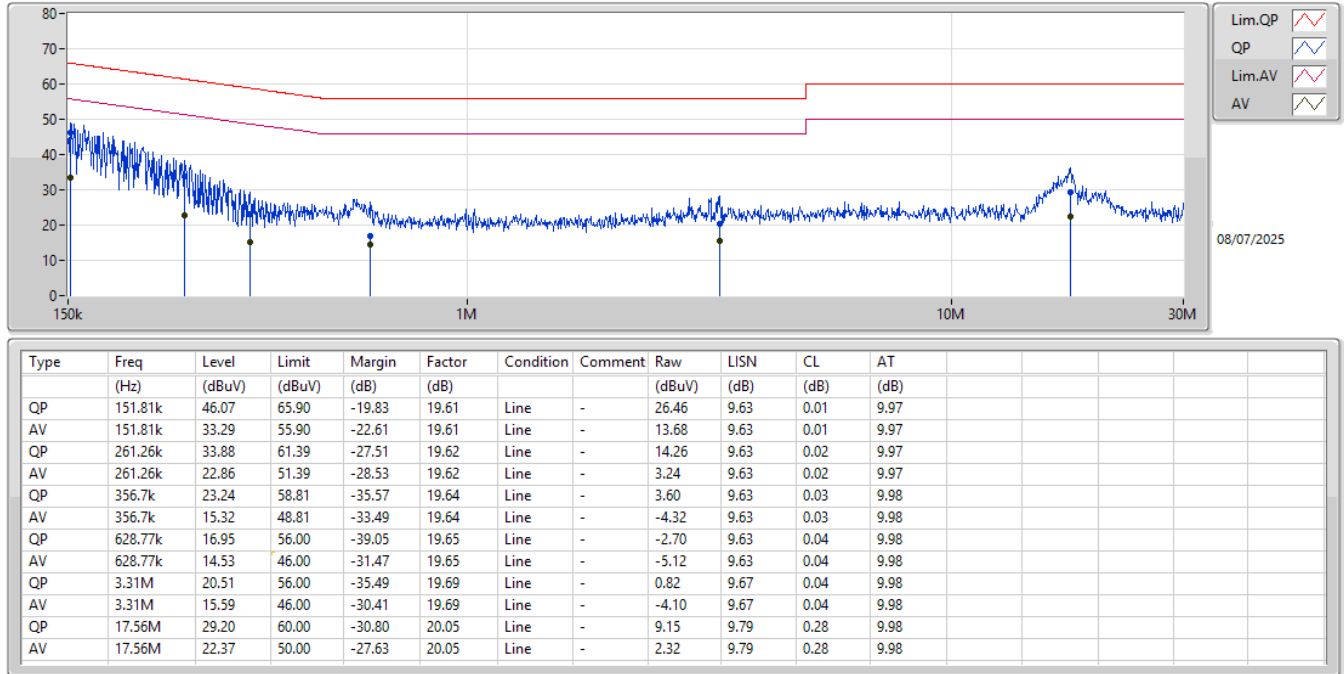
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	46.78	66.00	-19.22	Neutral

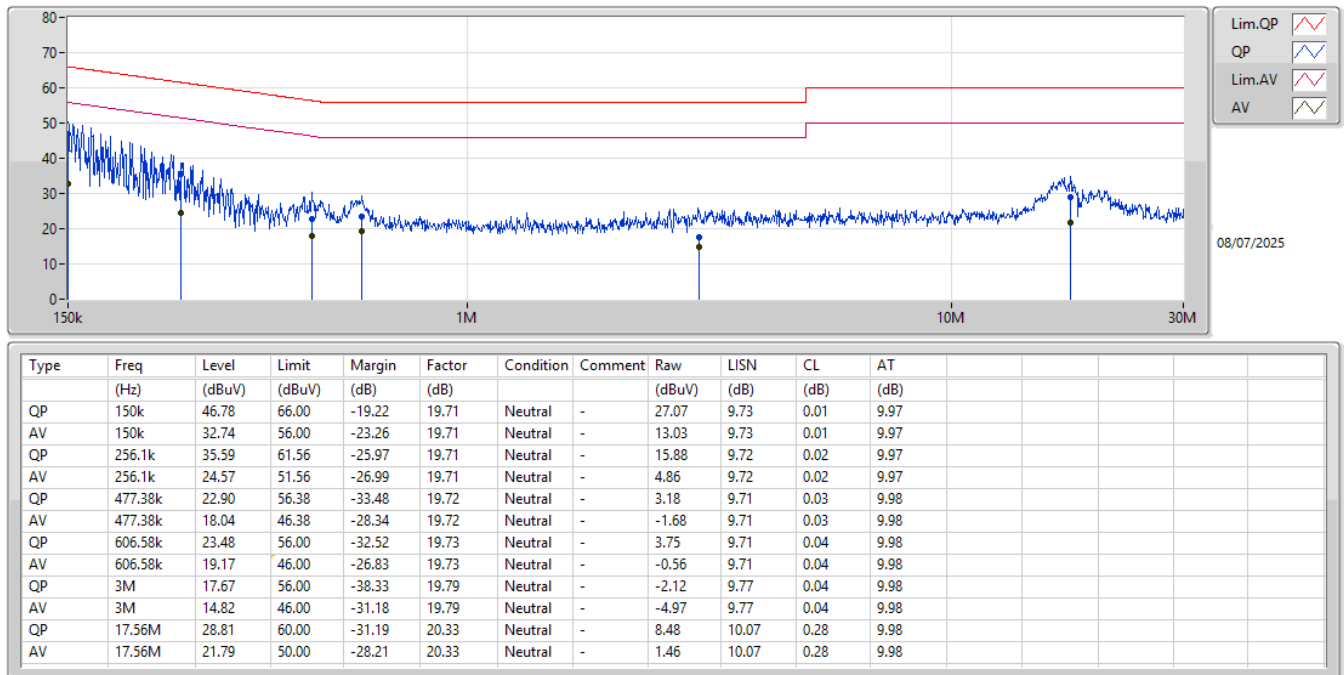
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.81k	46.07	65.90	-19.83	Line	-
Mode 1	Pass	AV	151.81k	33.29	55.90	-22.61	Line	-
Mode 1	Pass	QP	261.26k	33.88	61.39	-27.51	Line	-
Mode 1	Pass	AV	261.26k	22.86	51.39	-28.53	Line	-
Mode 1	Pass	QP	356.7k	23.24	58.81	-35.57	Line	-
Mode 1	Pass	AV	356.7k	15.32	48.81	-33.49	Line	-
Mode 1	Pass	QP	628.77k	16.95	56.00	-39.05	Line	-
Mode 1	Pass	AV	628.77k	14.53	46.00	-31.47	Line	-
Mode 1	Pass	QP	3.31M	20.51	56.00	-35.49	Line	-
Mode 1	Pass	AV	3.31M	15.59	46.00	-30.41	Line	-
Mode 1	Pass	QP	17.56M	29.20	60.00	-30.80	Line	-
Mode 1	Pass	AV	17.56M	22.37	50.00	-27.63	Line	-
Mode 1	Pass	QP	150k	46.78	66.00	-19.22	Neutral	-
Mode 1	Pass	AV	150k	32.74	56.00	-23.26	Neutral	-
Mode 1	Pass	QP	256.1k	35.59	61.56	-25.97	Neutral	-
Mode 1	Pass	AV	256.1k	24.57	51.56	-26.99	Neutral	-
Mode 1	Pass	QP	477.38k	22.90	56.38	-33.48	Neutral	-
Mode 1	Pass	AV	477.38k	18.04	46.38	-28.34	Neutral	-
Mode 1	Pass	QP	606.58k	23.48	56.00	-32.52	Neutral	-
Mode 1	Pass	AV	606.58k	19.17	46.00	-26.83	Neutral	-
Mode 1	Pass	QP	3M	17.67	56.00	-38.33	Neutral	-
Mode 1	Pass	AV	3M	14.82	46.00	-31.18	Neutral	-
Mode 1	Pass	QP	17.56M	28.81	60.00	-31.19	Neutral	-
Mode 1	Pass	AV	17.56M	21.79	50.00	-28.21	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_1T1S_Full RU

Appendix B.1

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(Port3)	80M	77.561M	77M6D1D	80M	77.561M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	22M	16.844M	16M8D1D	21.56M	16.624M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	21.67M	19.065M	19M1D1D	21.285M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	44.22M	38.031M	38M0D1D	41.36M	37.881M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	88.22M	77.461M	77M5D1D	88.22M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	81.2M	77.321M	77M3D1D	81.2M	77.321M

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



**EBW_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Full RU**

Appendix B.1

Result

Mode	Result	Limit (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-
5260MHz	Pass	Inf	22M	16.624M
5300MHz	Pass	Inf	21.835M	16.844M
5320MHz	Pass	Inf	21.56M	16.646M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5260MHz	Pass	Inf	21.285M	19.065M
5300MHz	Pass	Inf	21.67M	18.991M
5320MHz	Pass	Inf	21.56M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5270MHz	Pass	Inf	44.22M	37.881M
5310MHz	Pass	Inf	41.36M	38.031M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5290MHz	Pass	Inf	88.22M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80M	77.561M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.2M	77.321M

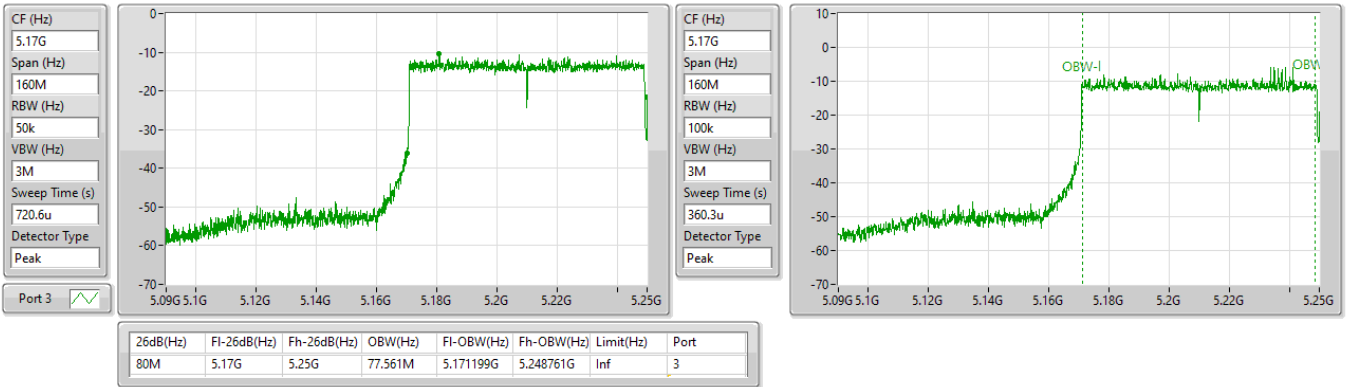
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

EBW

5250MHz Straddle 5.15-5.25GHz

18/06/2025

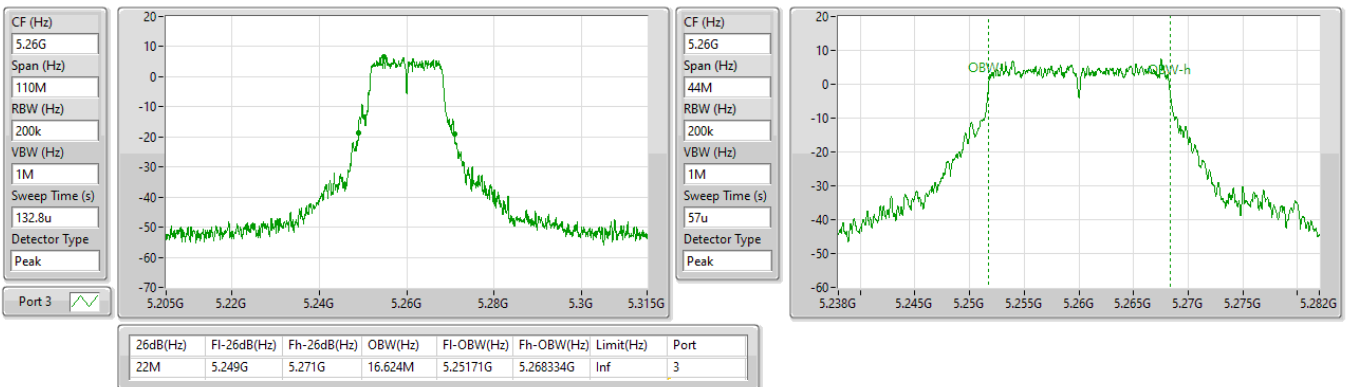


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5260MHz

18/06/2025

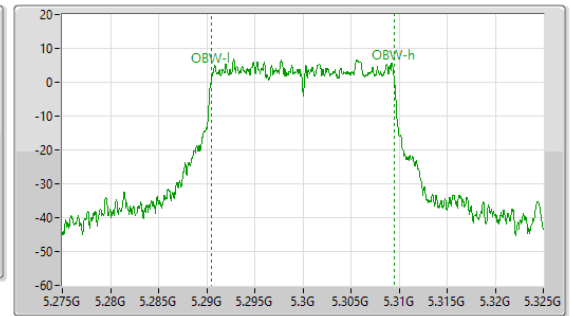
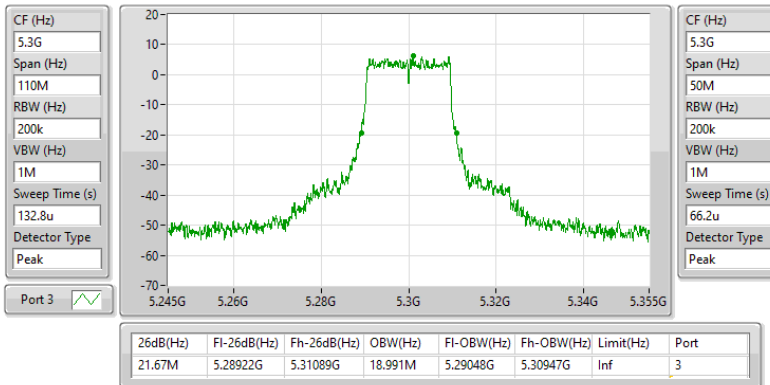


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5300MHz

18/06/2025

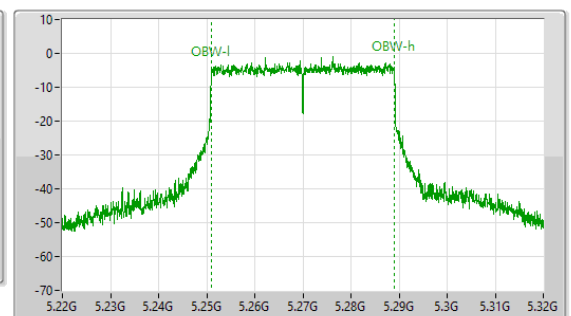
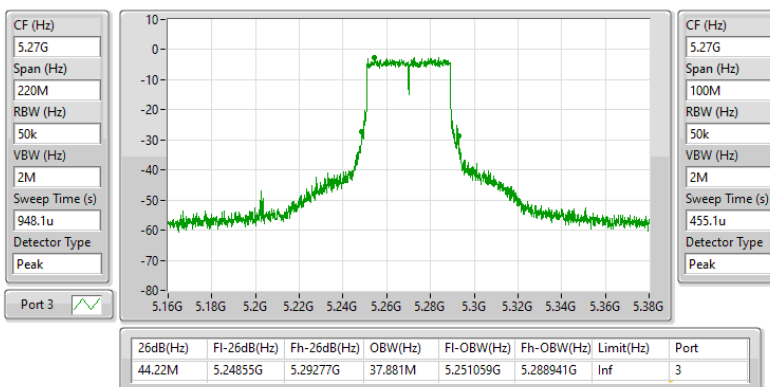


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5270MHz

18/06/2025

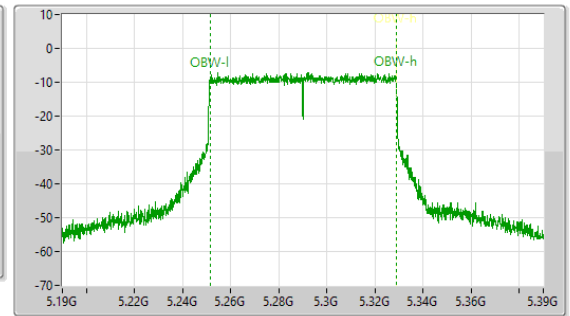
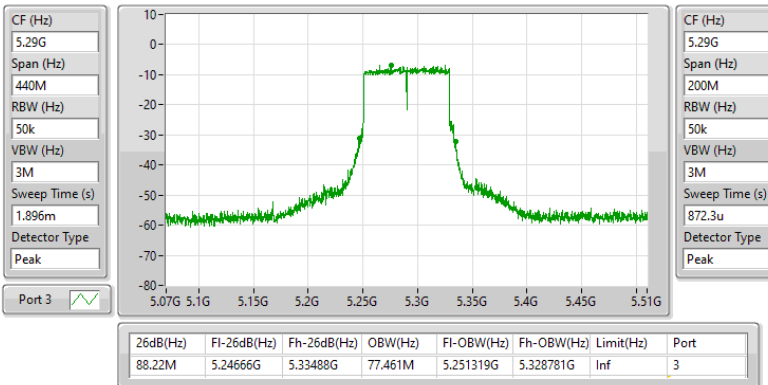


5.25-5.35GHz 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5290MHz

18/06/2025

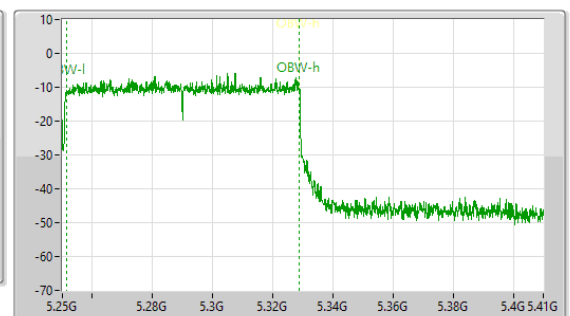
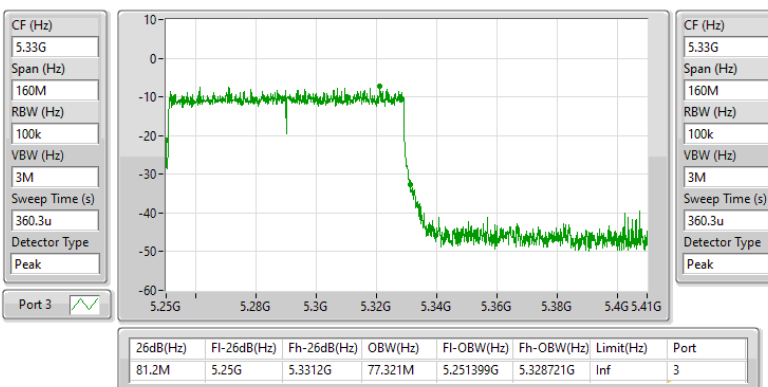


5.25-5.35GHz 802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

EBW

5250MHz Straddle 5.25-5.35GHz

18/06/2025





EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_2T1S_Full RU

Appendix B.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)_2TX(Port1&Port3)	80.48M	77.561M	77M6D1D	79.6M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	22.385M	16.646M	16M6D1D	21.505M	16.536M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	22.605M	19.165M	19M2D1D	21.34M	18.916M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	43.01M	37.981M	38M0D1D	40.48M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	85.58M	77.561M	77M6D1D	83.38M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	81.28M	77.561M	77M6D1D	80.96M	77.401M

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



EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_2T1S_Full RU

Appendix B.2

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	Inf	21.67M	16.536M	21.505M	16.646M
5300MHz	Pass	Inf	22.385M	16.536M	21.67M	16.58M
5320MHz	Pass	Inf	21.615M	16.624M	21.725M	16.646M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	Inf	21.89M	18.916M	22.275M	19.165M
5300MHz	Pass	Inf	21.67M	18.966M	22.605M	18.991M
5320MHz	Pass	Inf	21.395M	19.09M	21.34M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5270MHz	Pass	Inf	41.25M	37.881M	43.01M	37.881M
5310MHz	Pass	Inf	41.14M	37.981M	40.48M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5290MHz	Pass	Inf	83.38M	77.561M	85.58M	77.461M
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.48M	77.481M	79.6M	77.561M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.96M	77.561M	81.28M	77.401M

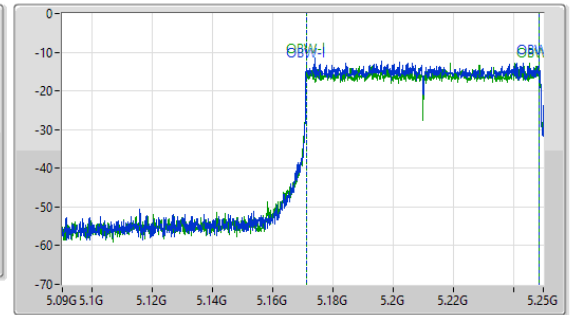
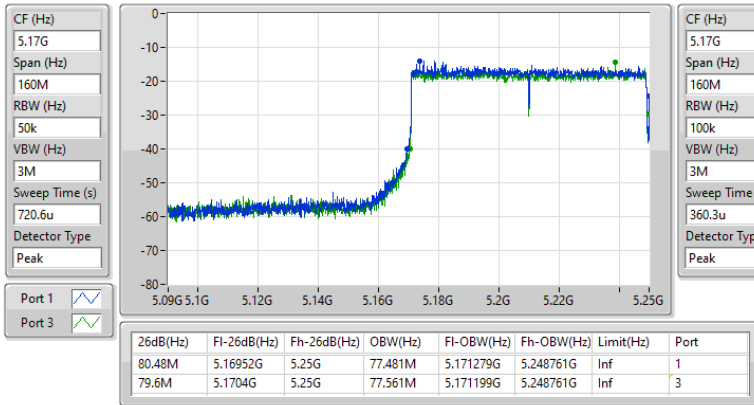
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be_EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5250MHz Straddle 5.15-5.25GHz

17/06/2025

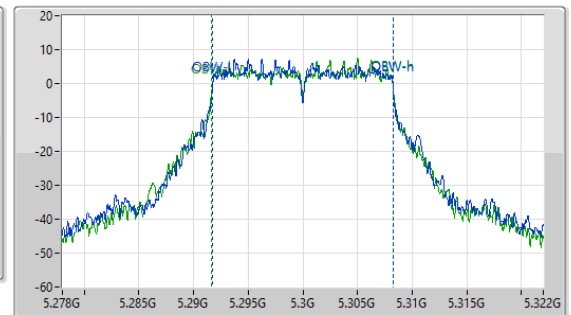
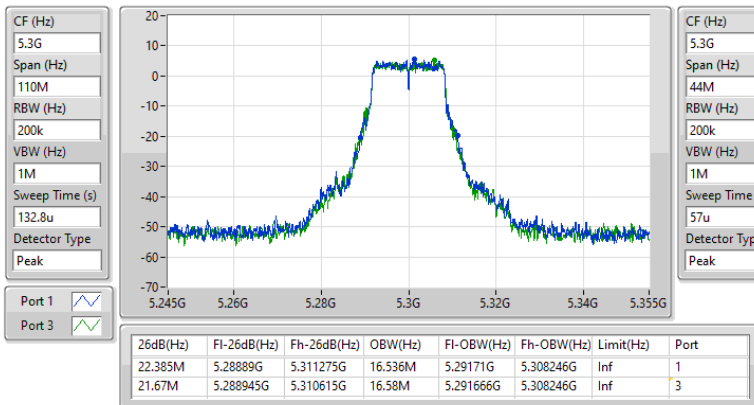


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

EBW

5300MHz

17/06/2025

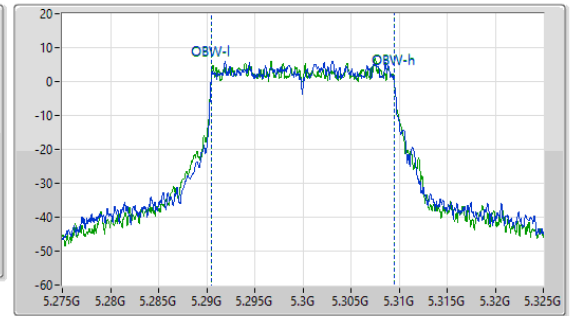
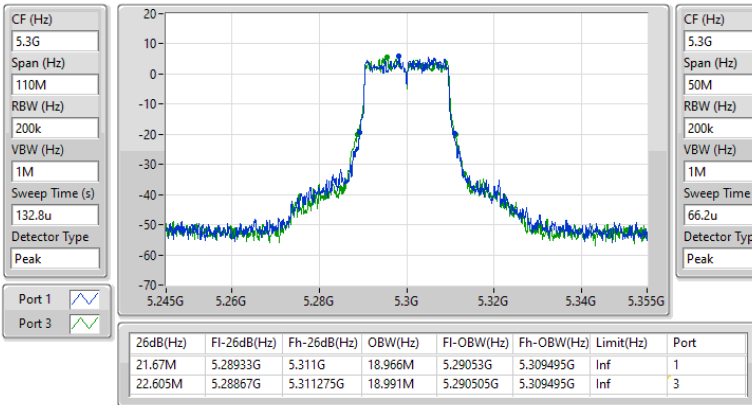


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5300MHz

17/06/2025

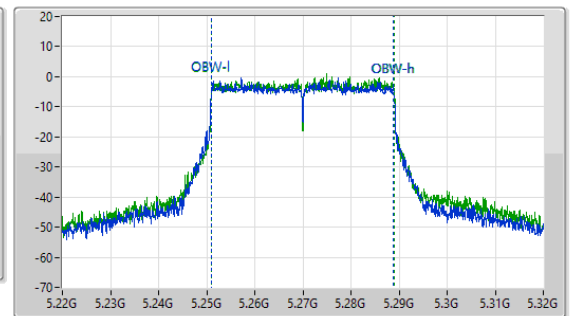
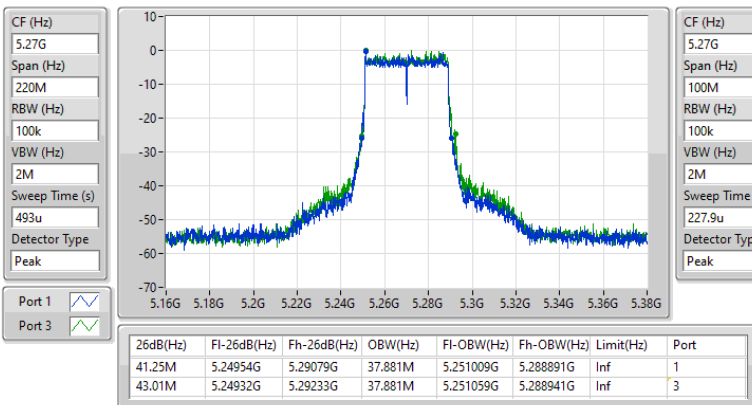


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5270MHz

17/06/2025

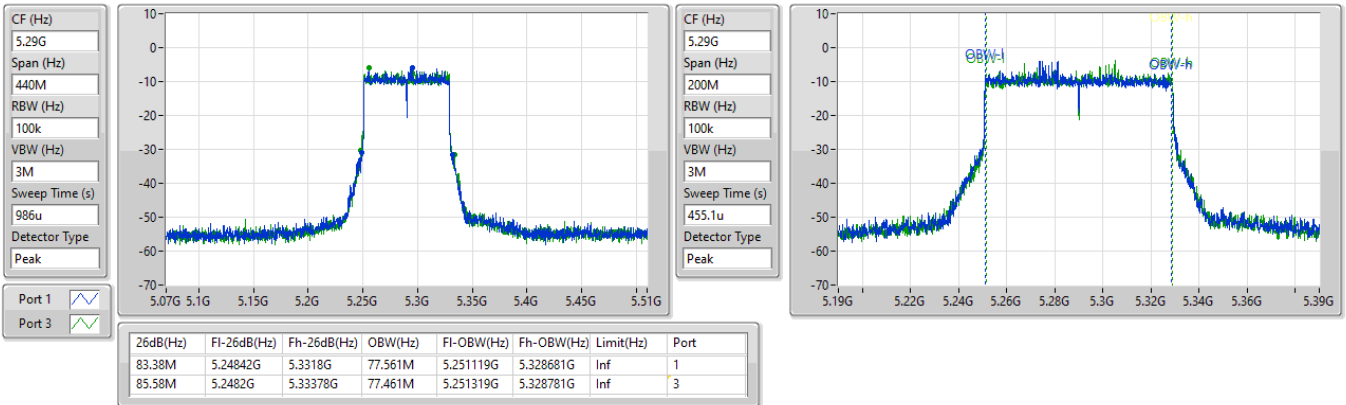


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5290MHz

01/07/2025

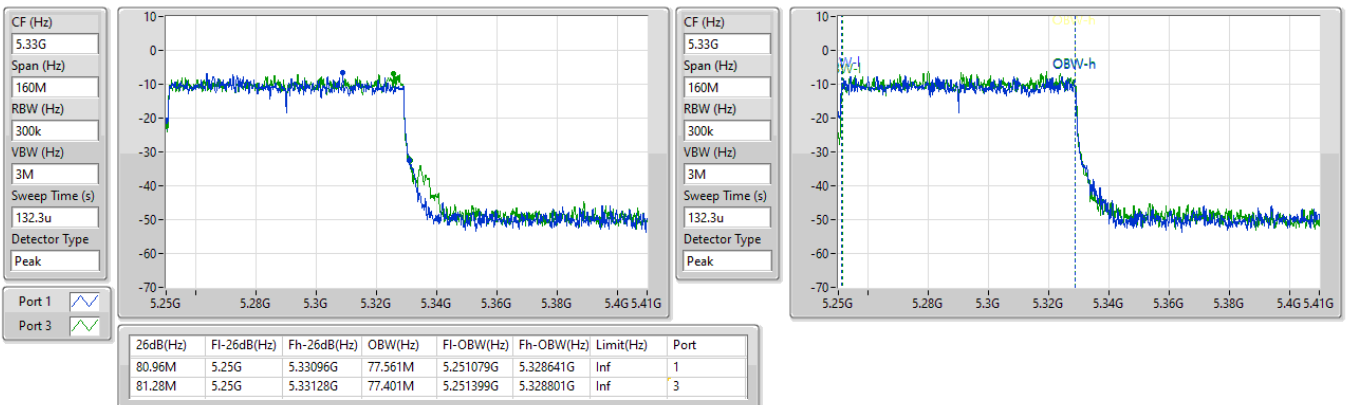


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5250MHz Straddle 5.25-5.35GHz

17/06/2025





EBW_ Non-Beamforming_ Radio 2_Downtilt Panel Omni_4T1S_Full RU

Appendix B.3

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)_4TX	81.6M	77.561M	77M6D1D	79.6M	77.401M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.055M	16.888M	16M9D1D	20.075M	16.514M
802.11be EHT20_Nss1,(MCS0)_4TX	23.155M	19.115M	19M1D1D	21.065M	18.966M
802.11be EHT40_Nss1,(MCS0)_4TX	42.79M	37.931M	37M9D1D	40.37M	37.831M
802.11be EHT80_Nss1,(MCS0)_4TX	86.9M	77.561M	77M6D1D	85.58M	77.461M
802.11be EHT160_Nss1,(MCS0)_4TX	82.96M	77.481M	77M5D1D	80.08M	77.321M

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



EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_4T1S_Full RU

Appendix B.3

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.505M	16.646M	21.835M	16.756M	21.285M	16.58M	22.055M	16.514M
5300MHz	Pass	Inf	21.505M	16.8M	20.075M	16.844M	21.45M	16.69M	21.45M	16.668M
5320MHz	Pass	Inf	21.505M	16.536M	21.395M	16.888M	21.945M	16.866M	21.945M	16.778M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	23.155M	19.065M	21.395M	18.991M	21.45M	19.015M	21.23M	19.065M
5300MHz	Pass	Inf	22.88M	19.015M	22.385M	19.065M	21.285M	18.991M	22.385M	19.015M
5320MHz	Pass	Inf	22.66M	19.115M	21.23M	18.966M	21.89M	18.991M	21.065M	19.015M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.81M	37.831M	42.79M	37.931M	41.69M	37.931M	41.91M	37.881M
5310MHz	Pass	Inf	40.37M	37.881M	41.8M	37.831M	41.36M	37.881M	40.7M	37.831M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	85.58M	77.561M	86.9M	77.461M	86.46M	77.561M	86.46M	77.461M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.76M	77.561M	79.6M	77.401M	80M	77.481M	81.6M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.64M	77.321M	82.96M	77.481M	80.08M	77.401M	80.32M	77.481M

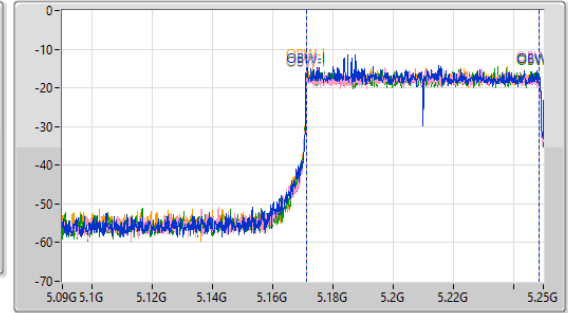
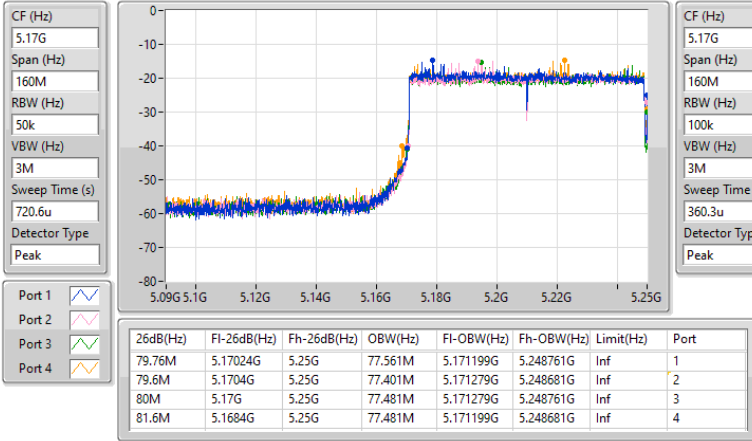
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

17/06/2025

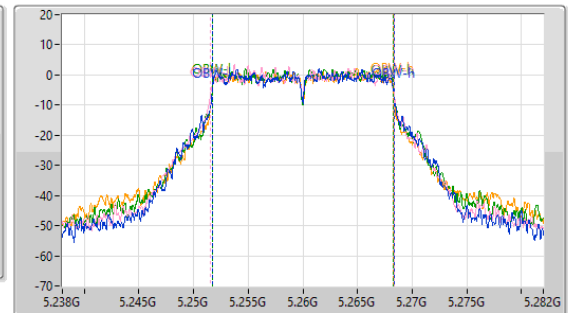
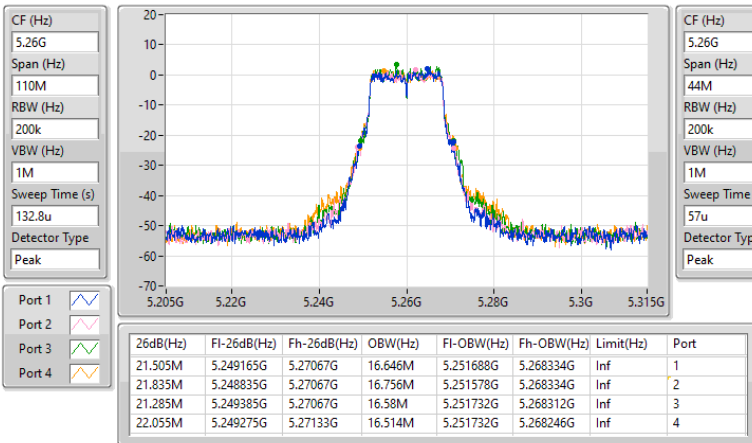


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

17/06/2025

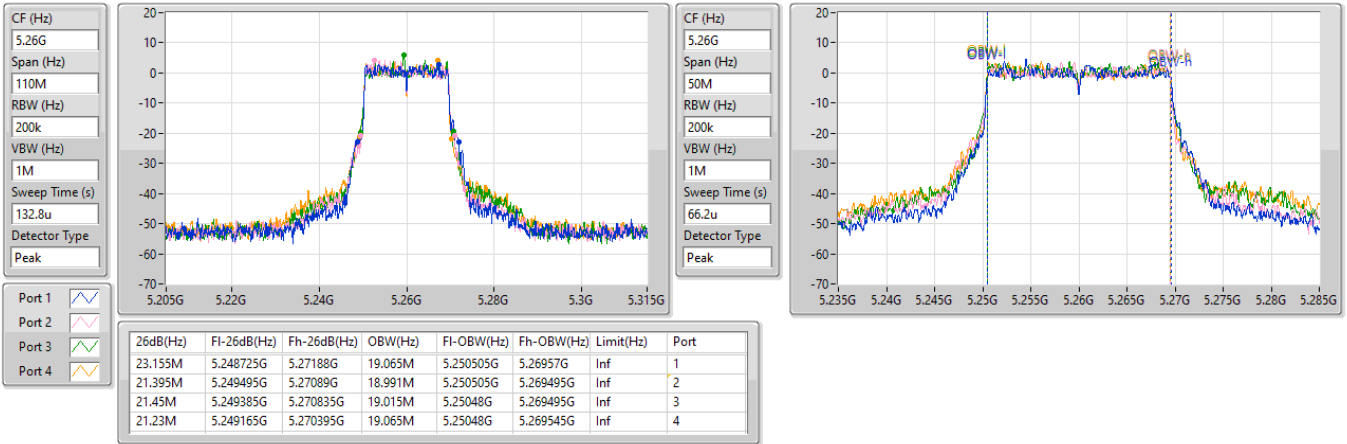


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

17/06/2025

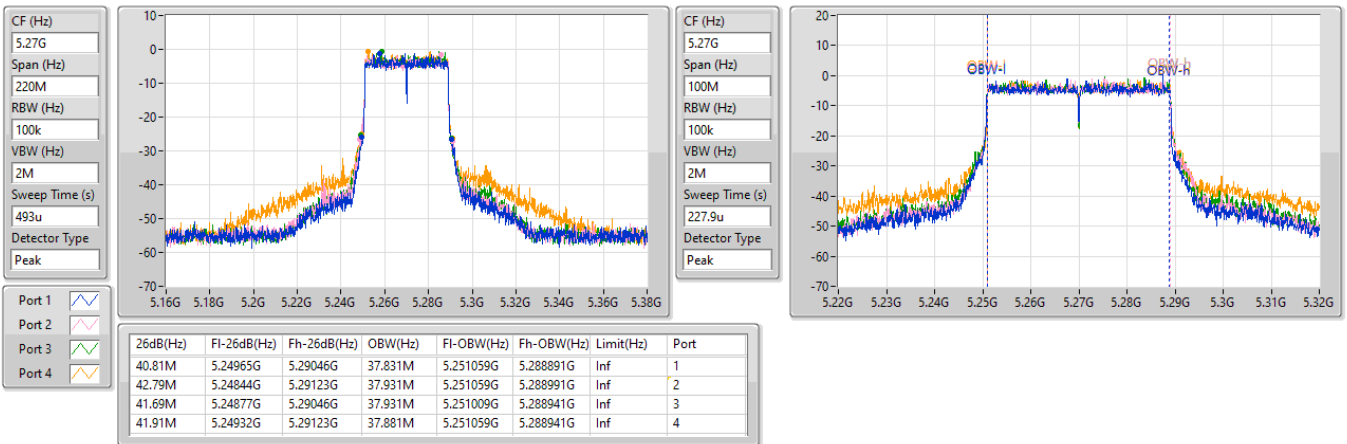


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

17/06/2025

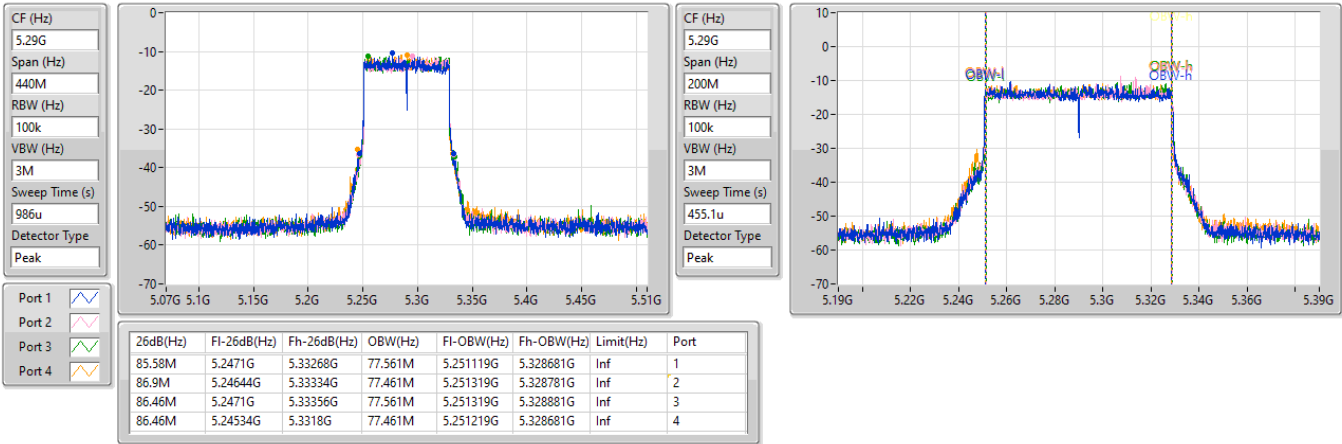


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

17/06/2025

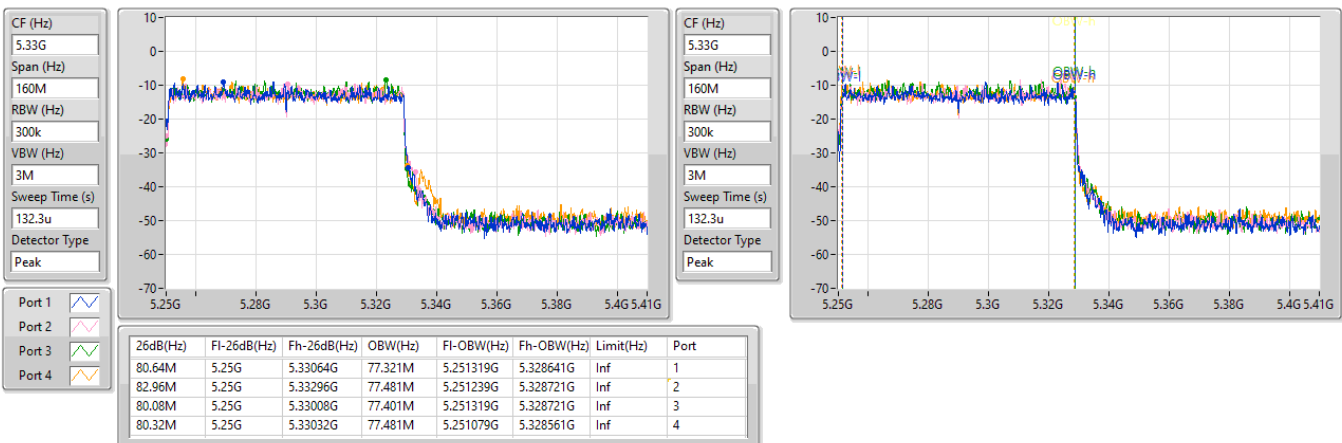


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

17/06/2025



**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)_1TX(Port3)	80.16M	77.561M	77M6D1D	80.16M	77.561M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	21.945M	16.668M	16M7D1D	21.395M	16.58M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	22.33M	19.04M	19M0D1D	21.34M	18.966M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	41.25M	37.831M	37M8D1D	40.15M	37.731M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	84.92M	77.461M	77M5D1D	84.92M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	79.76M	77.881M	77M9D1D	79.76M	77.881M

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 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-
5260MHz	Pass	Inf	21.395M	16.58M
5300MHz	Pass	Inf	21.945M	16.58M
5320MHz	Pass	Inf	21.45M	16.668M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5260MHz	Pass	Inf	21.34M	18.991M
5300MHz	Pass	Inf	22.33M	18.966M
5320MHz	Pass	Inf	21.395M	19.04M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5270MHz	Pass	Inf	40.15M	37.731M
5310MHz	Pass	Inf	41.25M	37.831M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5290MHz	Pass	Inf	84.92M	77.461M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.16M	77.561M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.76M	77.881M

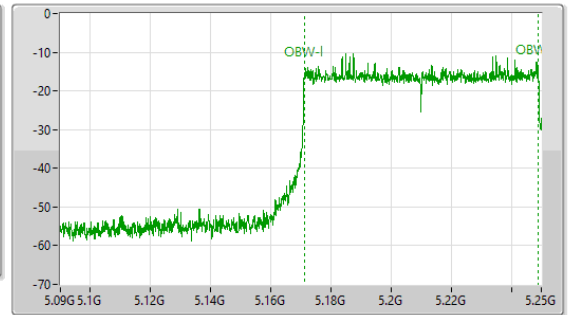
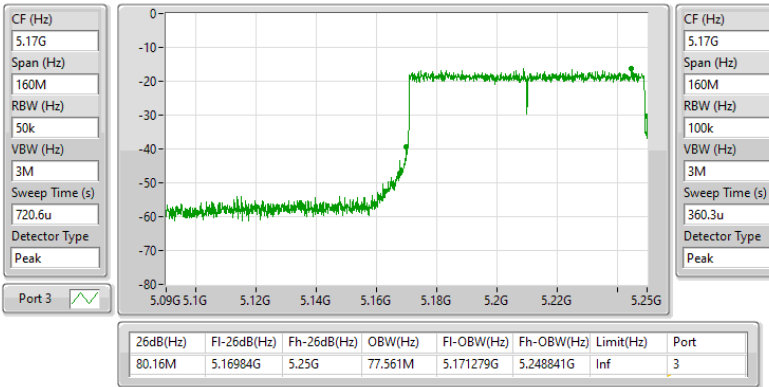
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

EBW

5250MHz Straddle 5.15-5.25GHz

16/06/2025

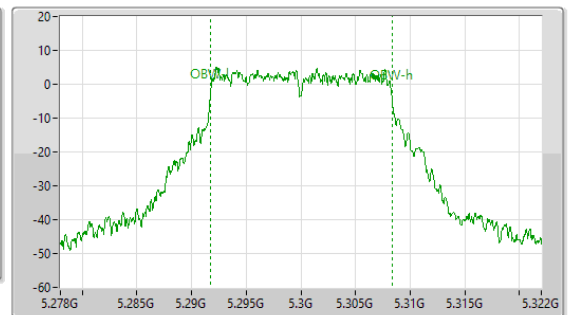
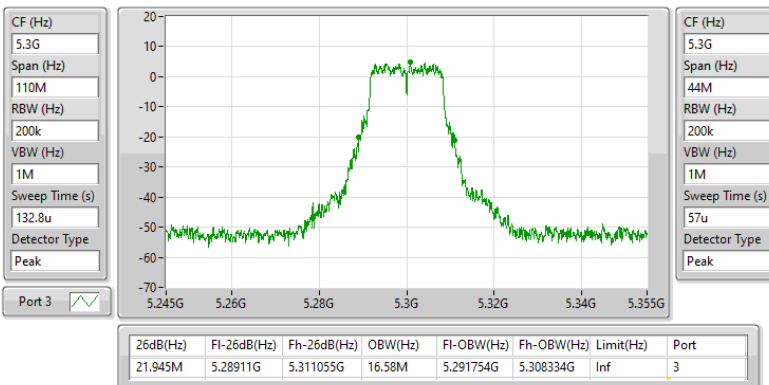


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5300MHz

16/06/2025

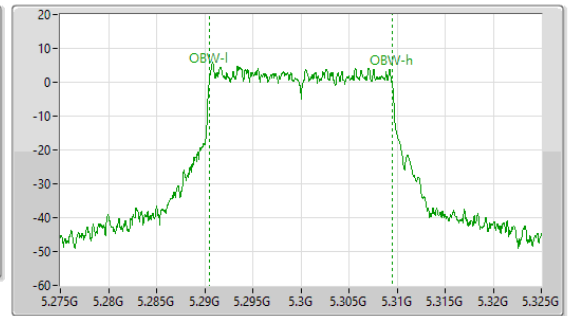
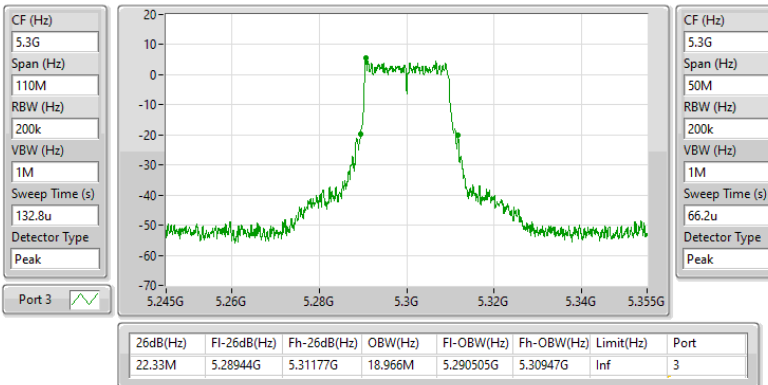


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5300MHz

16/06/2025

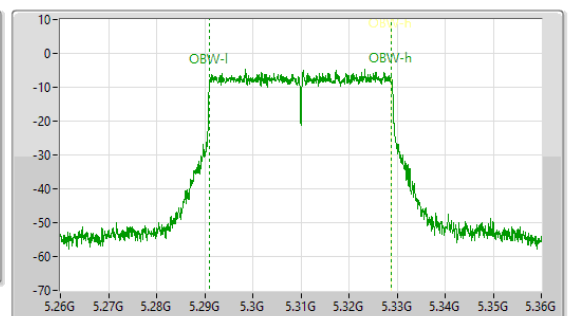
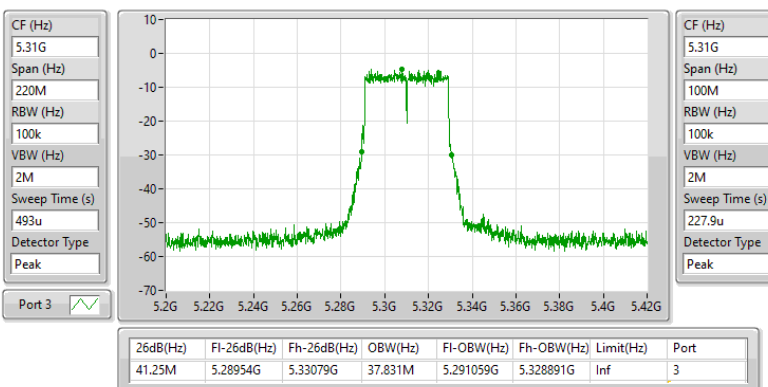


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5310MHz

16/06/2025

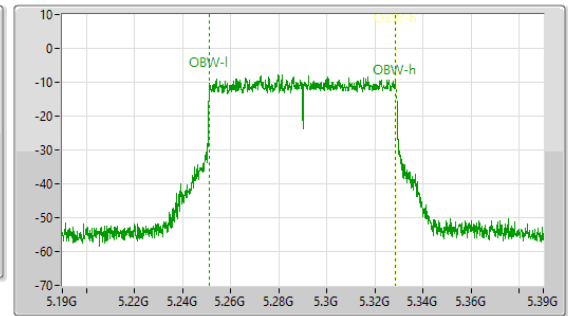
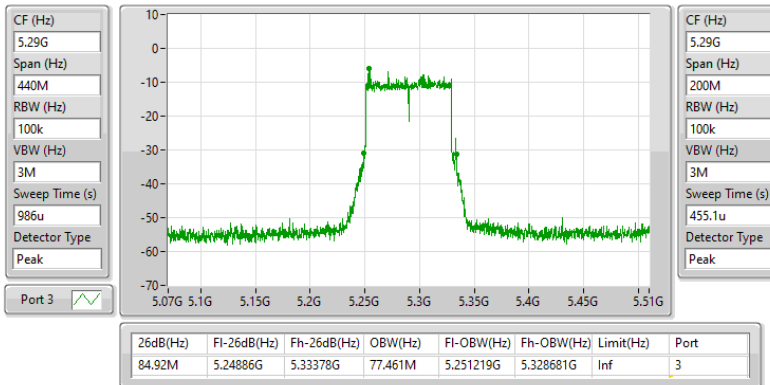


5.25-5.35GHz 802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5290MHz

16/06/2025

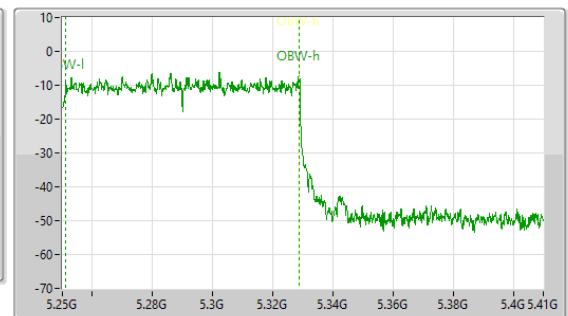
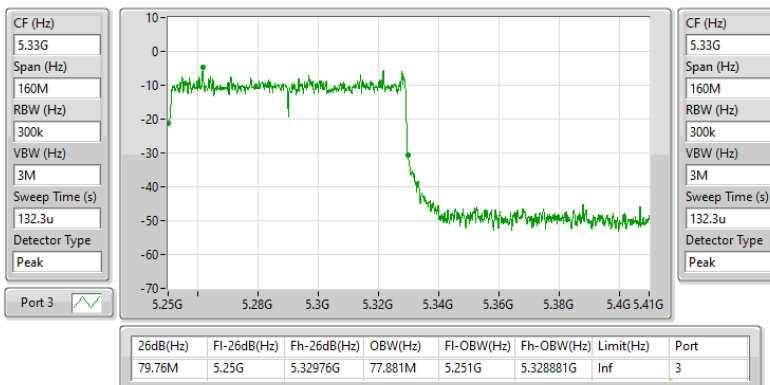


5.25-5.35GHz 802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

EBW

5250MHz Straddle 5.25-5.35GHz

16/06/2025



**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(Port1&Port3)	82.16M	77.641M	77M6D1D	79.44M	77.641M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	21.89M	16.976M	17M0D1D	21.23M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	22.715M	19.165M	19M2D1D	20.405M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	42.13M	37.881M	37M9D1D	41.14M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	86.24M	77.561M	77M6D1D	83.16M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	80.64M	77.481M	77M5D1D	80M	77.401M

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 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	Inf	21.89M	16.624M	21.395M	16.646M
5300MHz	Pass	Inf	21.285M	16.602M	21.89M	16.976M
5320MHz	Pass	Inf	21.34M	16.624M	21.23M	16.624M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	Inf	20.405M	18.991M	22.715M	19.015M
5300MHz	Pass	Inf	22.55M	19.015M	22.165M	19.165M
5320MHz	Pass	Inf	20.845M	18.991M	21.78M	19.04M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5270MHz	Pass	Inf	41.14M	37.881M	41.36M	37.781M
5310MHz	Pass	Inf	41.14M	37.831M	42.13M	37.881M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5290MHz	Pass	Inf	83.16M	77.561M	86.24M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.44M	77.641M	82.16M	77.641M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.64M	77.401M	80M	77.481M

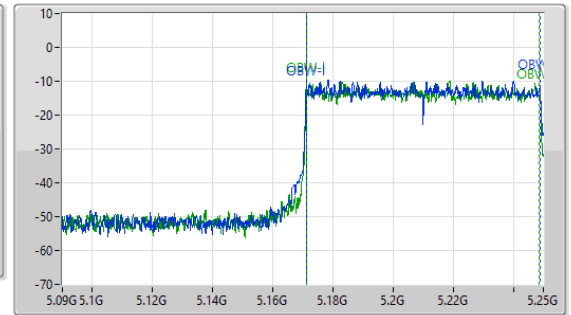
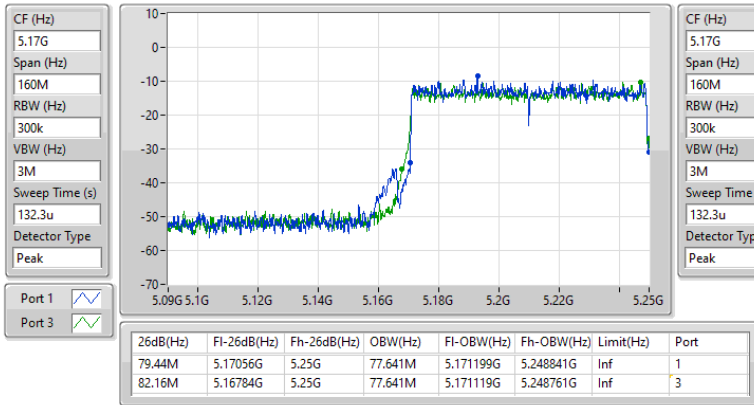
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz 802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5250MHz Straddle 5.15-5.25GHz

14/06/2025

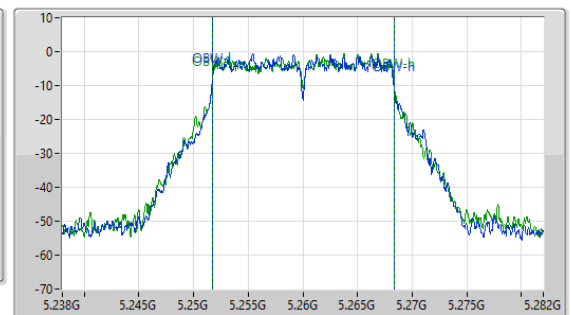
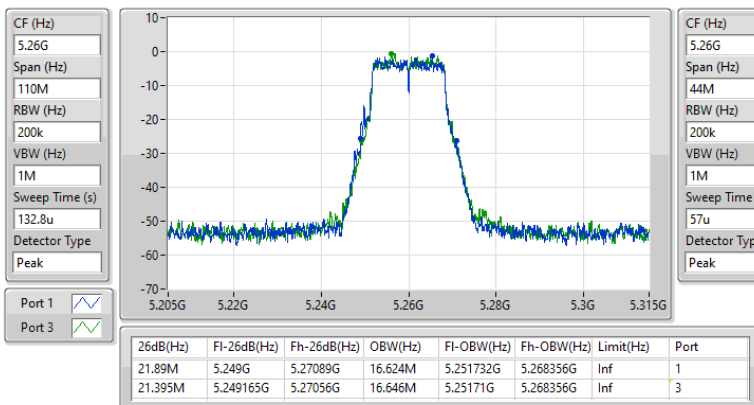


5.25-5.35GHz 802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

EBW

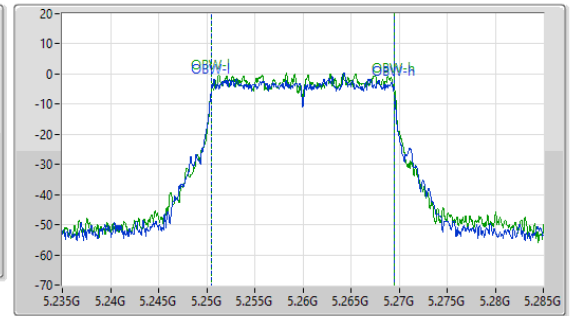
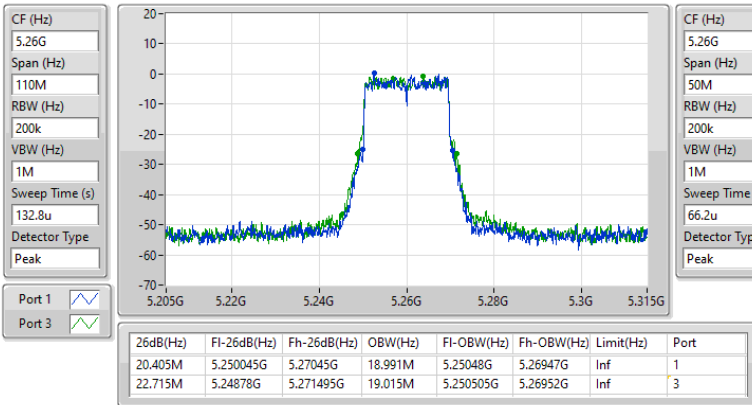
5260MHz

14/06/2025

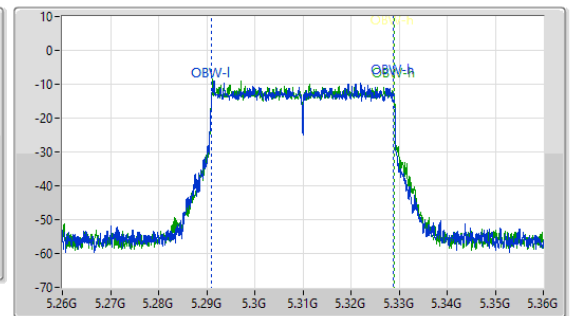


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)
EBW
5260MHz

14/06/2025


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)
EBW
5310MHz

14/06/2025

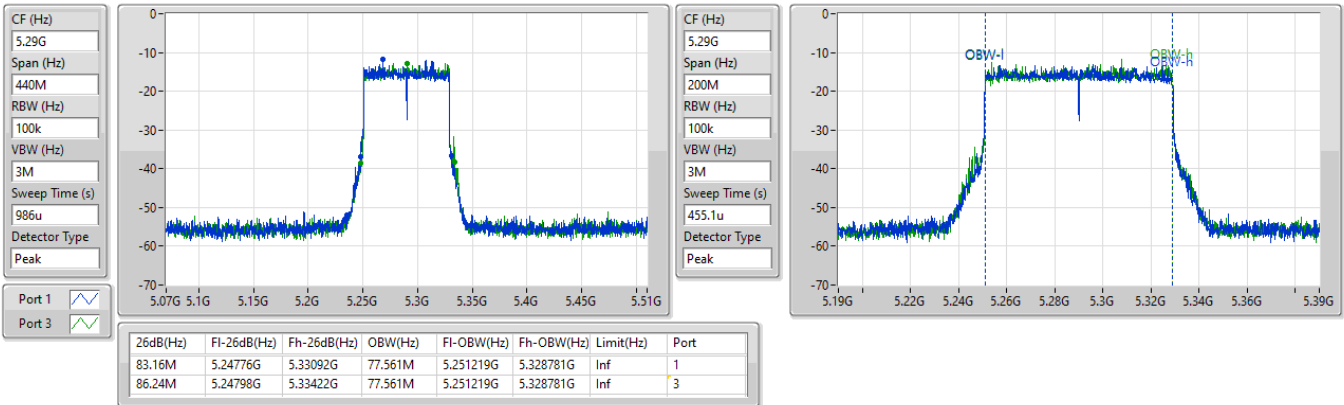


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5290MHz

14/06/2025

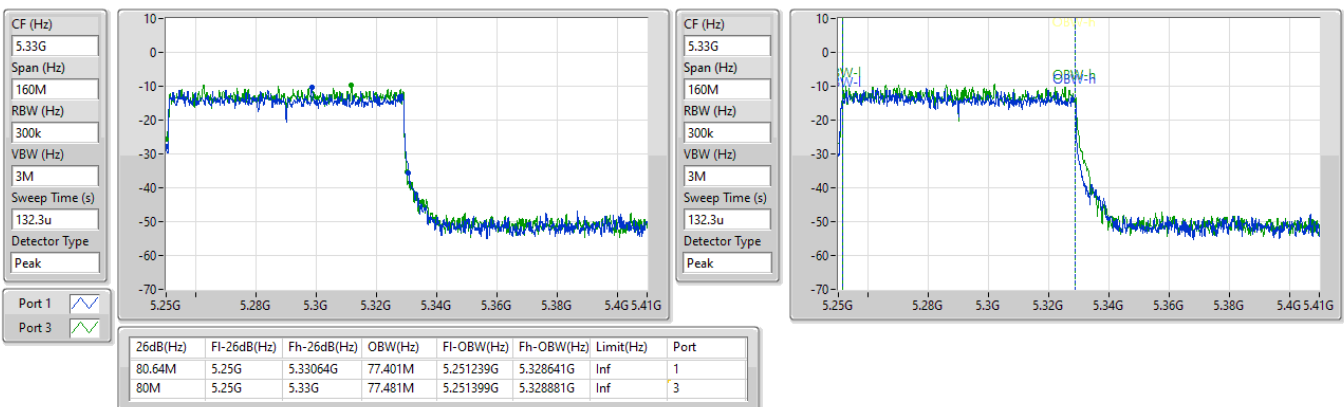


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5250MHz Straddle 5.25-5.35GHz

14/06/2025



**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)_4TX	80.8M	77.721M	77M7D1D	79.28M	77.401M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.22M	16.932M	16M9D1D	21.065M	16.558M
802.11be EHT20_Nss1,(MCS0)_4TX	22.165M	19.19M	19M2D1D	21.065M	18.966M
802.11be EHT40_Nss1,(MCS0)_4TX	41.47M	37.931M	37M9D1D	40.15M	37.781M
802.11be EHT80_Nss1,(MCS0)_4TX	86.9M	77.661M	77M7D1D	82.28M	77.461M
802.11be EHT160_Nss1,(MCS0)_4TX	81.6M	77.721M	77M7D1D	79.84M	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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.615M	16.668M	21.175M	16.558M	21.34M	16.734M	21.89M	16.932M
5300MHz	Pass	Inf	21.725M	16.69M	22.22M	16.558M	22.11M	16.558M	21.78M	16.712M
5320MHz	Pass	Inf	22.165M	16.646M	21.065M	16.58M	21.89M	16.602M	21.945M	16.646M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22M	19.19M	21.065M	19.015M	22.165M	18.966M	22.11M	19.015M
5300MHz	Pass	Inf	21.065M	18.966M	22.11M	18.966M	21.34M	19.04M	21.835M	19.115M
5320MHz	Pass	Inf	21.395M	18.991M	21.67M	19.065M	21.67M	19.09M	21.395M	19.015M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.47M	37.831M	41.47M	37.931M	41.14M	37.881M	40.48M	37.881M
5310MHz	Pass	Inf	40.15M	37.881M	41.25M	37.781M	41.03M	37.881M	40.37M	37.781M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	86.9M	77.661M	86.9M	77.561M	82.28M	77.661M	83.82M	77.461M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.481M	79.28M	77.401M	80.56M	77.721M	79.92M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.6M	77.561M	80.32M	77.561M	81.28M	77.721M	79.84M	77.641M

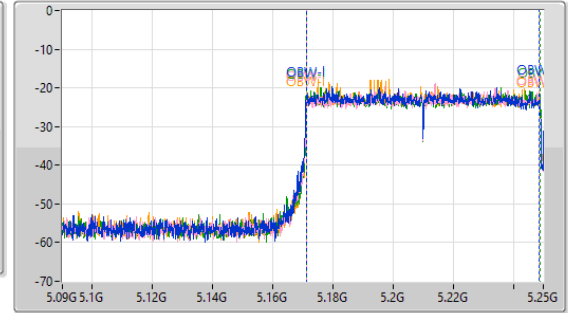
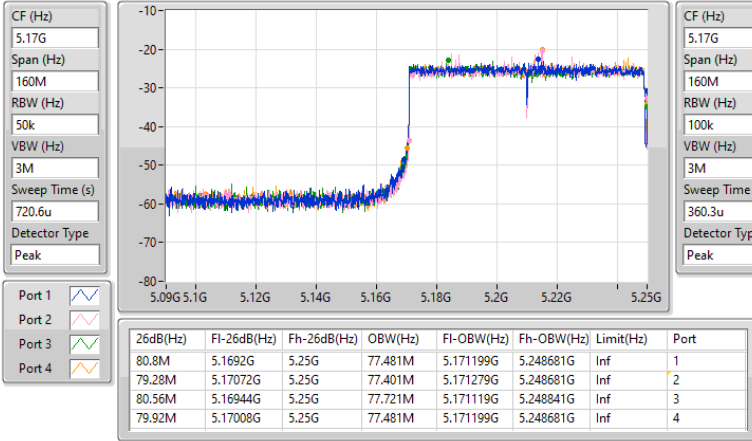
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

13/06/2025

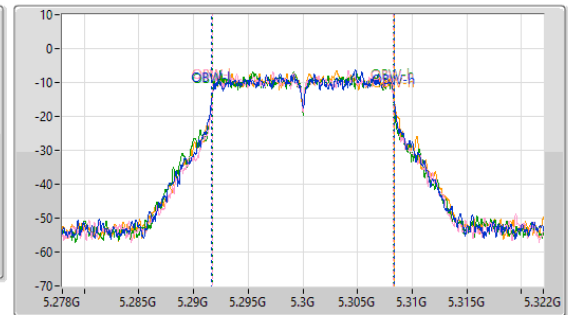
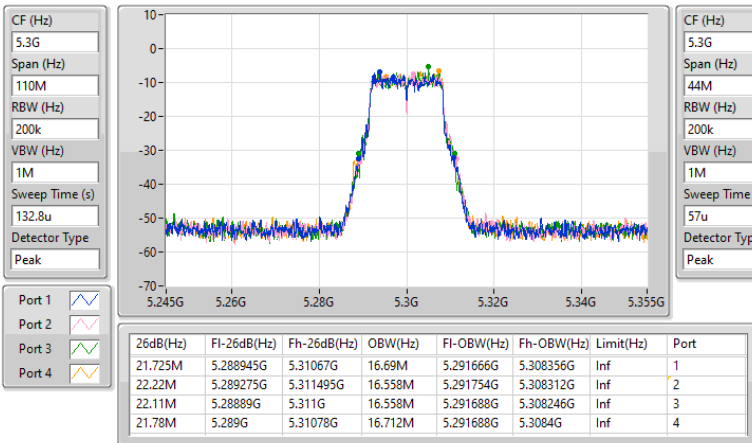


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

13/06/2025

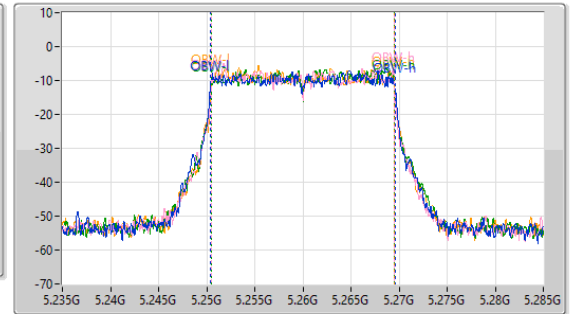
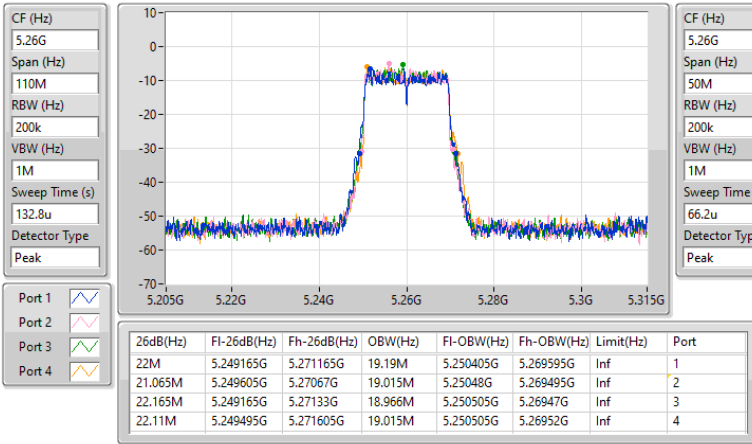


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

13/06/2025

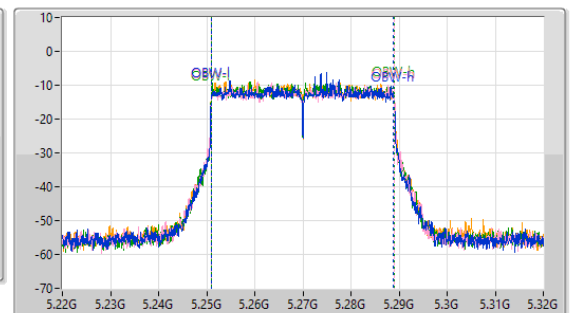
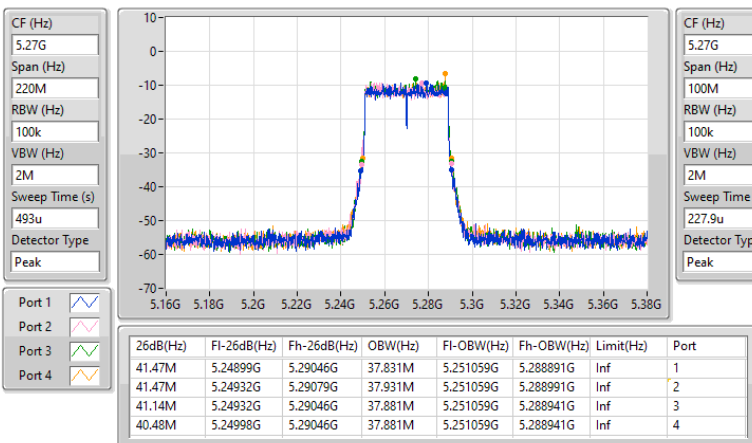


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

13/06/2025

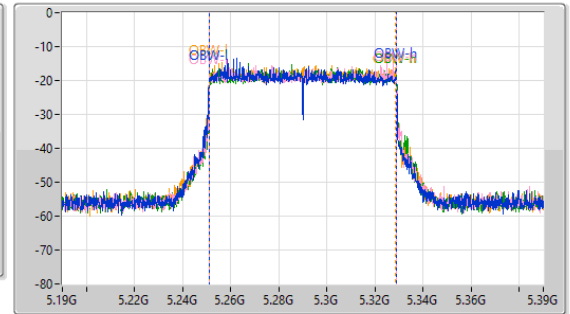
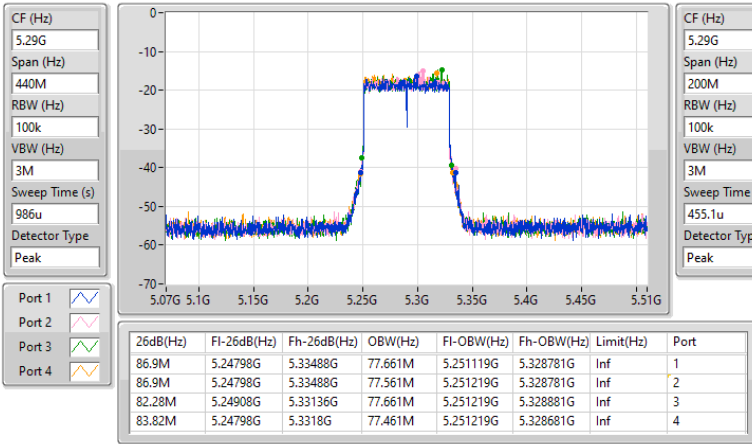


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

13/06/2025

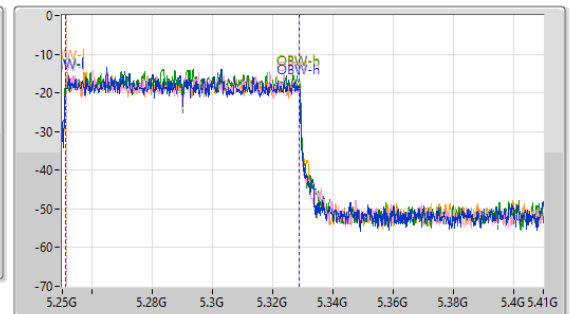
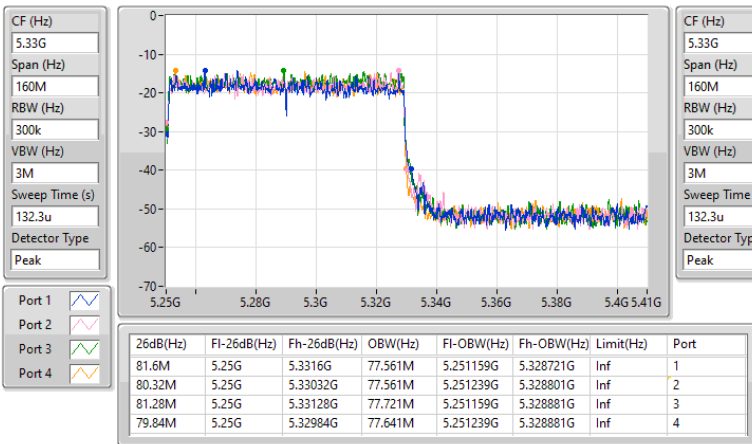


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

13/06/2025



**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	26.675M	17.525M	17M5D1D	24.365M	16.404M
802.11ax HEW20_Nss1,(MCS0)_1TX	26.895M	18.991M	19M0D1D	20.79M	18.866M

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	24.365M	16.404M
5300MHz	Pass	Inf	26.675M	17.261M
5320MHz	Pass	Inf	26.51M	17.525M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	20.79M	18.866M
5300MHz	Pass	Inf	24.75M	18.941M
5320MHz	Pass	Inf	26.895M	18.991M

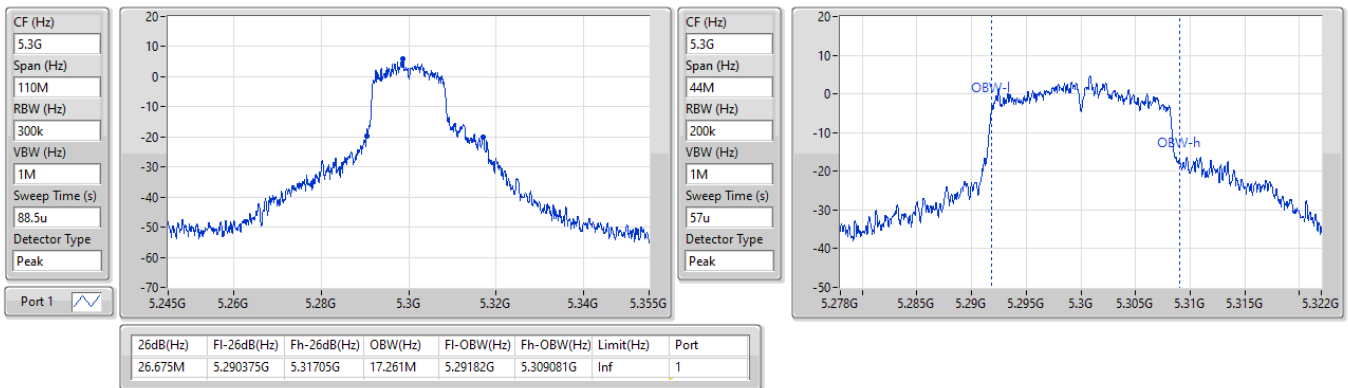
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5300MHz

18/06/2025

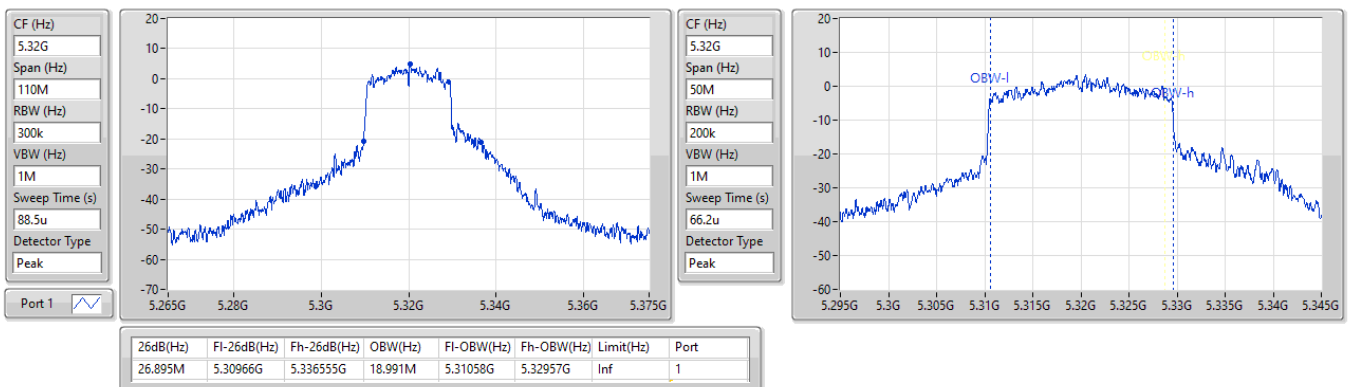


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5320MHz

18/06/2025



**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	26.675M	17.261M	17M3D1D	19.03M	16.316M
802.11ax HEW20_Nss1,(MCS0)_1TX	24.75M	18.941M	18M9D1D	19.965M	18.816M

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	24.365M	16.404M
5300MHz	Pass	Inf	26.675M	17.261M
5320MHz	Pass	Inf	19.03M	16.316M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	20.79M	18.866M
5300MHz	Pass	Inf	24.75M	18.941M
5320MHz	Pass	Inf	19.965M	18.816M

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

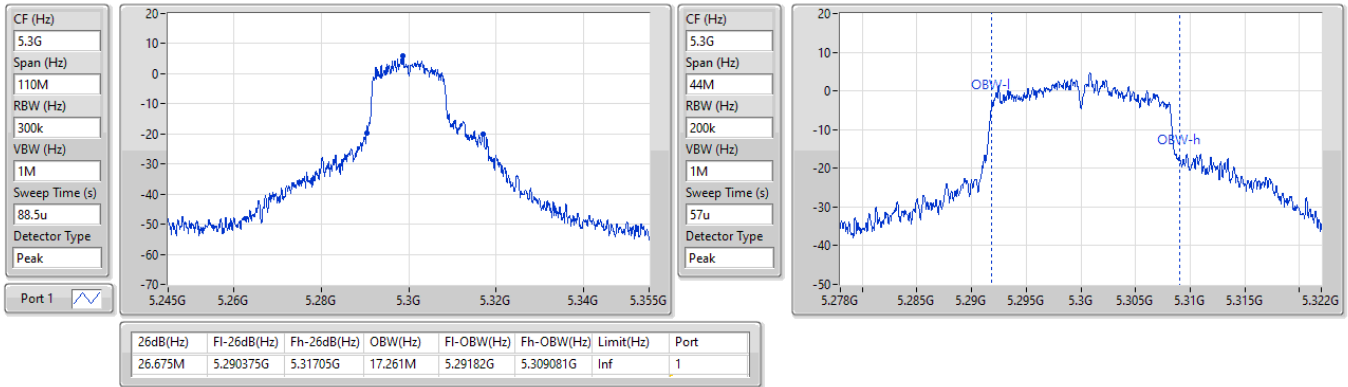
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5300MHz

18/06/2025

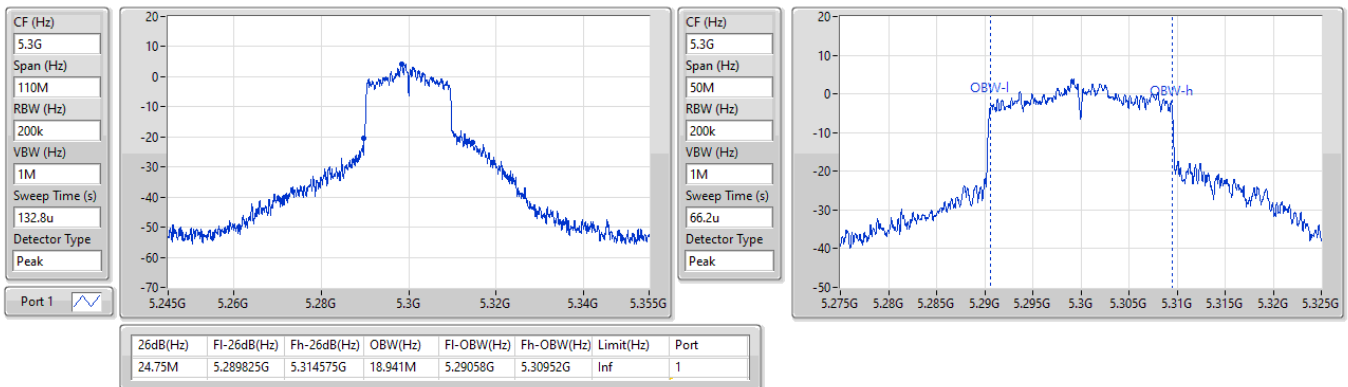


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5300MHz

18/06/2025





**Average Power_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Full RU**

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	12.52	0.01786
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	18.20	0.06607
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	18.38	0.06887
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	18.30	0.06761
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	16.77	0.04753
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	13.21	0.02094



**Average Power_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Full RU**

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5260MHz	Pass	3.70	18.13	18.13	23.98
5300MHz	Pass	3.70	17.83	17.83	23.98
5320MHz	Pass	3.70	18.20	18.20	23.98
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5260MHz	Pass	3.70	18.18	18.18	23.98
5300MHz	Pass	3.70	17.65	17.65	23.98
5320MHz	Pass	3.70	18.38	18.38	23.98
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5270MHz	Pass	3.70	18.30	18.30	23.98
5310MHz	Pass	3.70	17.12	17.12	23.98
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5290MHz	Pass	3.70	16.77	16.77	23.98
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.70	12.52	12.52	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.70	13.21	13.21	23.98

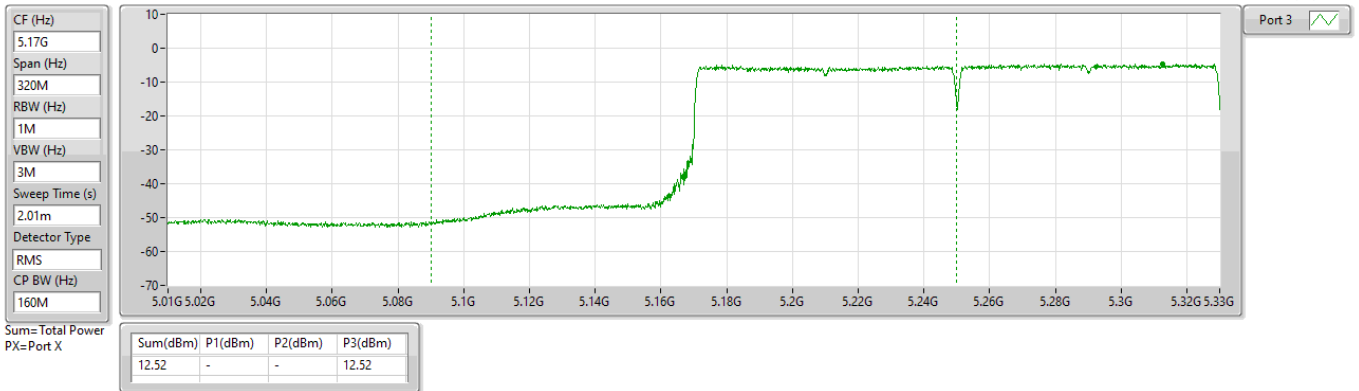
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

AV Power

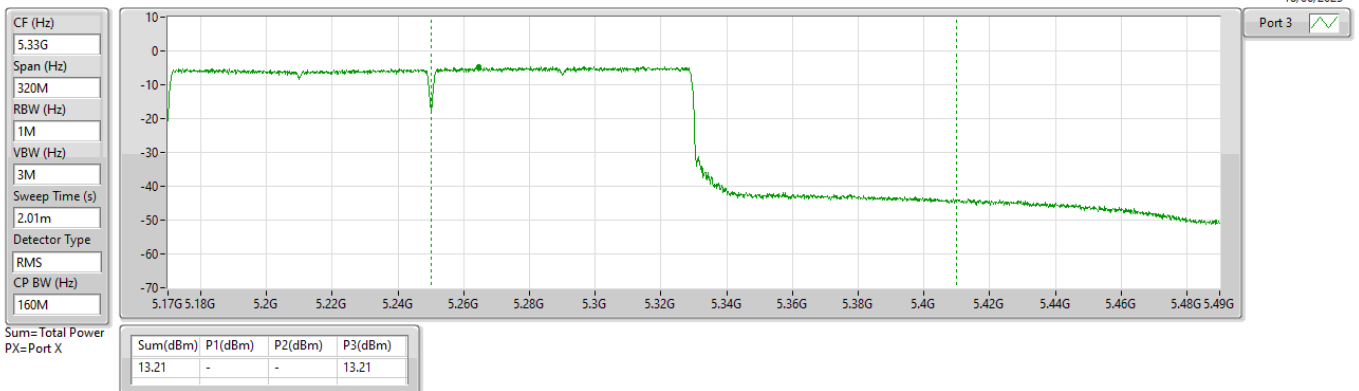
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

AV Power

5250MHz Straddle 5.25-5.35GHz_TX





**Average Power_Non-Beamforming_
Radio 2_Downtilt Panel Omni_2T1S_Full RU**

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	11.19	0.01315
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	20.86	0.12190
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	20.96	0.12474
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	19.96	0.09908
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	16.82	0.04808
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	11.14	0.01300



Average Power_Non-Beamforming_ Radio 2_Downtilt Panel Omni_2T1S_Full RU

Appendix C.2

Result

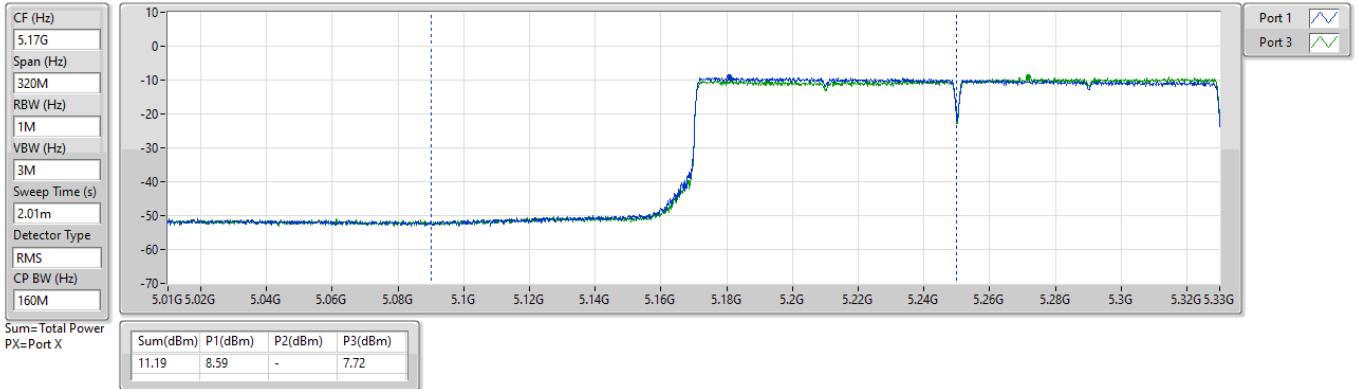
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	3.70	17.61	18.07	20.86	23.98
5300MHz	Pass	3.70	17.38	17.45	20.43	23.98
5320MHz	Pass	3.70	15.66	15.72	18.70	23.98
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	3.70	17.59	18.28	20.96	23.98
5300MHz	Pass	3.70	17.13	17.16	20.16	23.98
5320MHz	Pass	3.70	15.46	15.56	18.52	23.98
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5270MHz	Pass	3.70	16.69	17.20	19.96	23.98
5310MHz	Pass	3.70	13.93	14.10	17.03	23.98
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5290MHz	Pass	3.70	13.79	13.82	16.82	23.98
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.70	8.59	7.72	11.19	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.70	7.80	8.44	11.14	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)_2TX(Port1&Port3)

AV Power

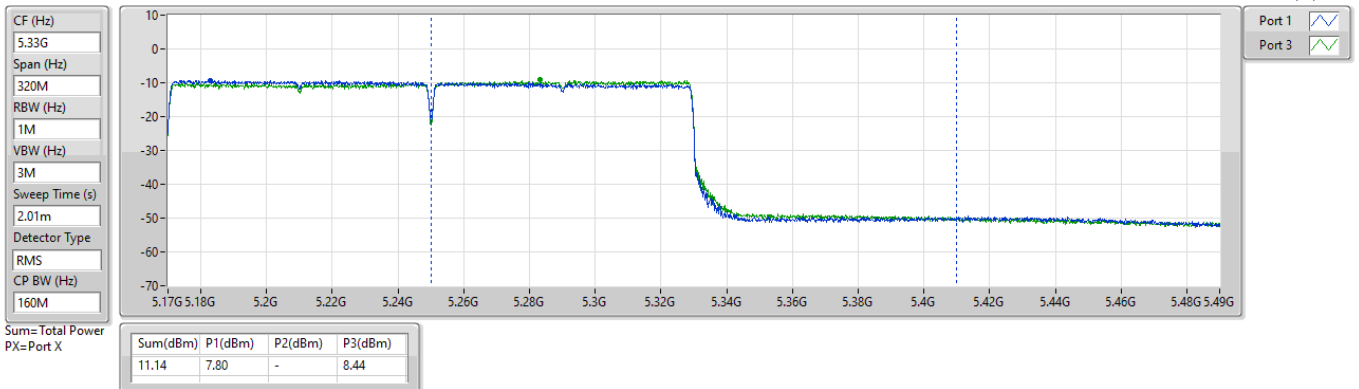
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

5250MHz Straddle 5.25-5.35GHz_TX





**Average Power_Non-Beamforming_
Radio 2_Downtilt Panel Omni_4T1S_Full RU**

Appendix C.3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	12.08	0.01614
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.27	0.10641
802.11be EHT20_Nss1,(MCS0)_4TX	21.18	0.13122
802.11be EHT40_Nss1,(MCS0)_4TX	22.43	0.17498
802.11be EHT80_Nss1,(MCS0)_4TX	16.35	0.04315
802.11be EHT160_Nss1,(MCS0)_4TX	11.89	0.01545



Average Power_Non-Beamforming_ Radio 2_Downtilt Panel Omni_4T1S_Full RU

Appendix C.3

Result

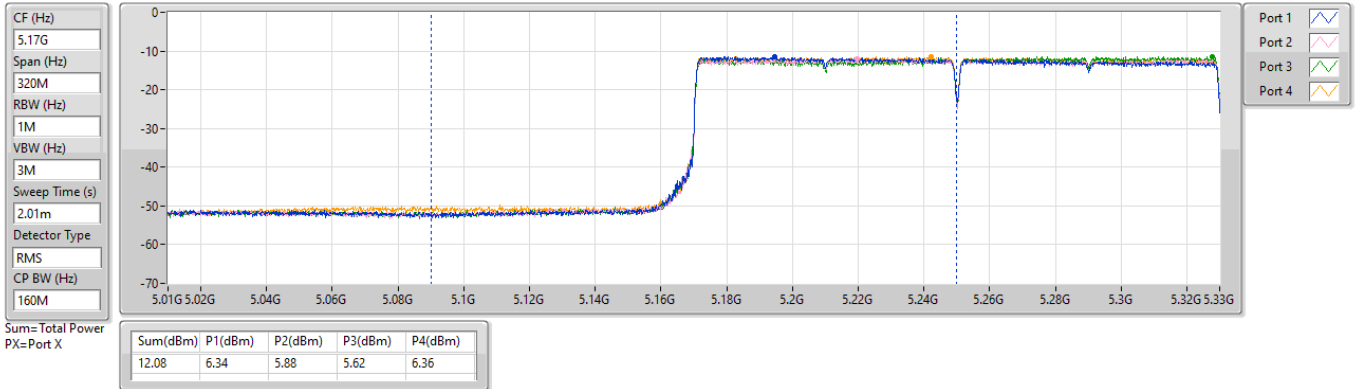
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.70	13.83	13.91	14.41	14.11	20.09	23.98
5300MHz	Pass	3.70	14.17	14.05	14.16	13.93	20.10	23.98
5320MHz	Pass	3.70	14.37	14.00	14.63	13.98	20.27	23.98
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.70	14.93	15.01	15.39	15.28	21.18	23.98
5300MHz	Pass	3.70	14.69	14.68	14.90	14.64	20.75	23.98
5320MHz	Pass	3.70	15.02	14.60	15.17	14.67	20.89	23.98
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.70	16.15	16.28	16.64	16.54	22.43	23.98
5310MHz	Pass	3.70	10.70	10.79	10.97	10.70	16.81	23.98
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.70	10.22	10.30	10.39	10.39	16.35	23.98
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.70	6.34	5.88	5.62	6.36	12.08	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.70	5.53	5.58	6.39	5.92	11.89	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)_4TX

AV Power

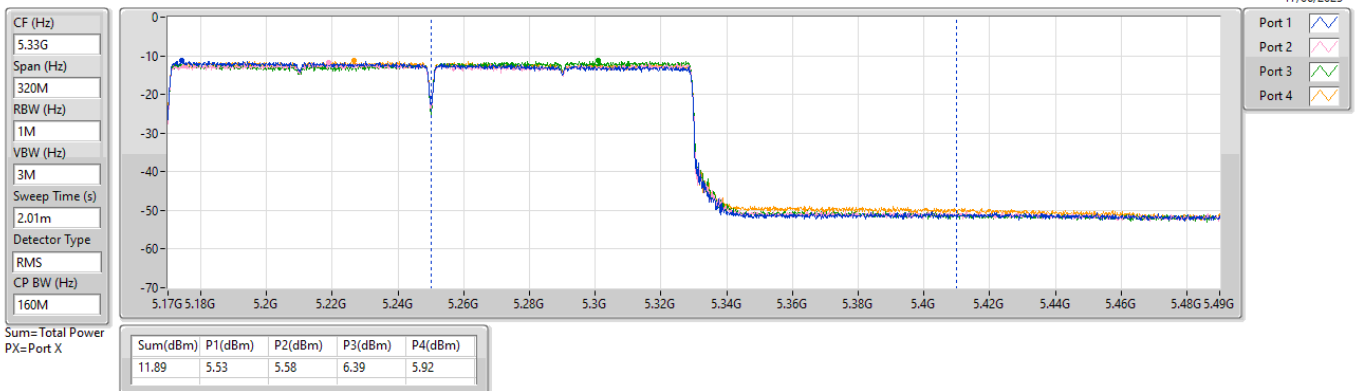
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX





Average Power_Non-Beamforming_ Radio 2_Patch Array_1T1S_Full RU

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	7.45	0.00556
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	16.34	0.04305
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	16.42	0.04385
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	16.33	0.04295
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	12.70	0.01862
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	8.19	0.00659



Average Power_Non-Beamforming_ Radio 2_Patch Array_1T1S_Full RU

Appendix C.4

Result

Mode	Result	DG (dBi)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5260MHz	Pass	13.00	16.23	16.23	16.98
5300MHz	Pass	13.00	16.12	16.12	16.98
5320MHz	Pass	13.00	16.34	16.34	16.98
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5260MHz	Pass	13.00	16.42	16.42	16.98
5300MHz	Pass	13.00	16.30	16.30	16.98
5320MHz	Pass	13.00	16.07	16.07	16.98
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5270MHz	Pass	13.00	16.33	16.33	16.98
5310MHz	Pass	13.00	13.37	13.37	16.98
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5290MHz	Pass	13.00	12.70	12.70	16.98
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.00	7.45	7.45	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	13.00	8.19	8.19	16.98

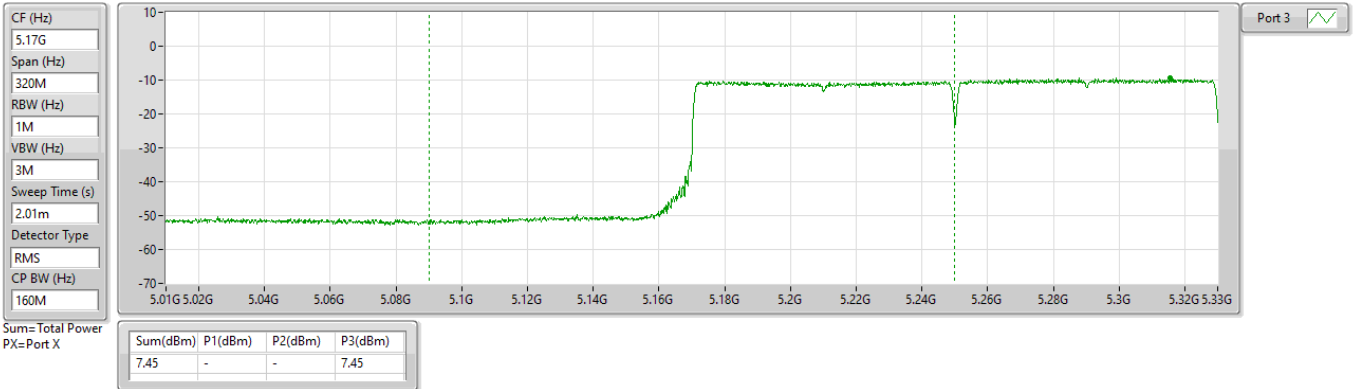
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

AV Power

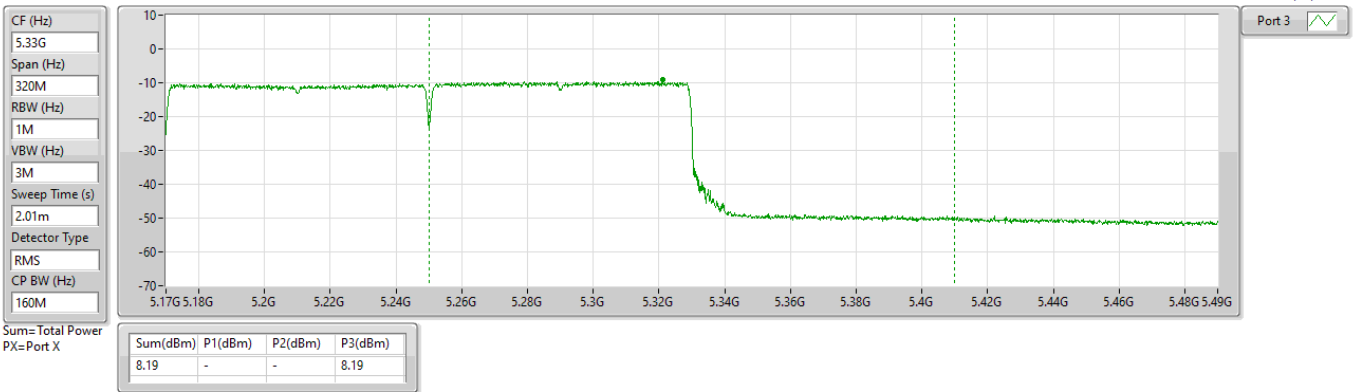
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

AV Power

5250MHz Straddle 5.25-5.35GHz_TX





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	8.05	0.00638
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	14.21	0.02636
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	14.80	0.03020
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	15.94	0.03926
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	11.65	0.01462
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	8.04	0.00637



Average Power_Non-Beamforming_ Radio 2_Patch Array_2T1S_Full RU

Appendix C.5

Result

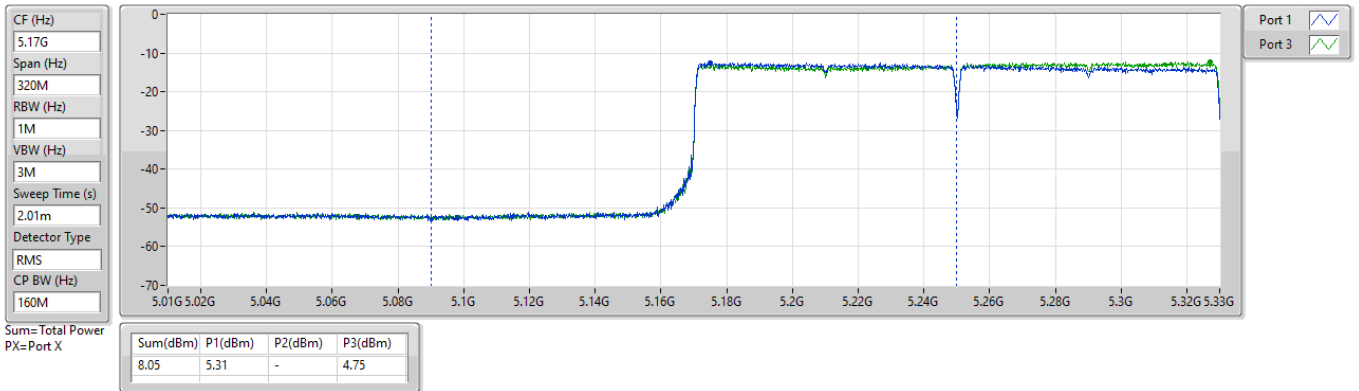
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	13.00	10.97	11.18	14.09	16.98
5300MHz	Pass	13.00	11.08	11.31	14.21	16.98
5320MHz	Pass	13.00	11.01	11.08	14.06	16.98
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	13.00	11.56	11.80	14.69	16.98
5300MHz	Pass	13.00	11.69	11.89	14.80	16.98
5320MHz	Pass	13.00	11.58	11.69	14.65	16.98
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5270MHz	Pass	13.00	12.72	13.13	15.94	16.98
5310MHz	Pass	13.00	8.72	8.99	11.87	16.98
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5290MHz	Pass	13.00	8.60	8.67	11.65	16.98
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.00	5.31	4.75	8.05	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	13.00	4.51	5.49	8.04	16.98

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)_2TX(Port1&Port3)

AV Power

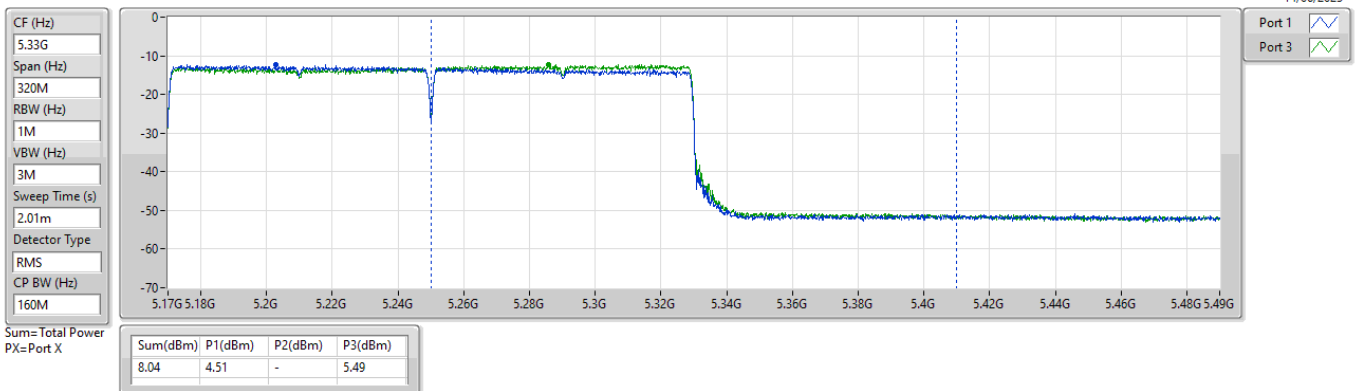
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

5250MHz Straddle 5.25-5.35GHz_TX





Average Power_Non-Beamforming_ Radio 2_Patch Array_4T1S_Full RU

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_4TX	6.59	0.00456
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.64	0.01459
802.11be EHT20_Nss1,(MCS0)_4TX	12.20	0.01660
802.11be EHT40_Nss1,(MCS0)_4TX	15.28	0.03373
802.11be EHT80_Nss1,(MCS0)_4TX	11.76	0.01500
802.11be EHT160_Nss1,(MCS0)_4TX	6.43	0.00440



Average Power_Non-Beamforming_ Radio 2_Patch Array_4T1S_Full RU

Appendix C.6

Result

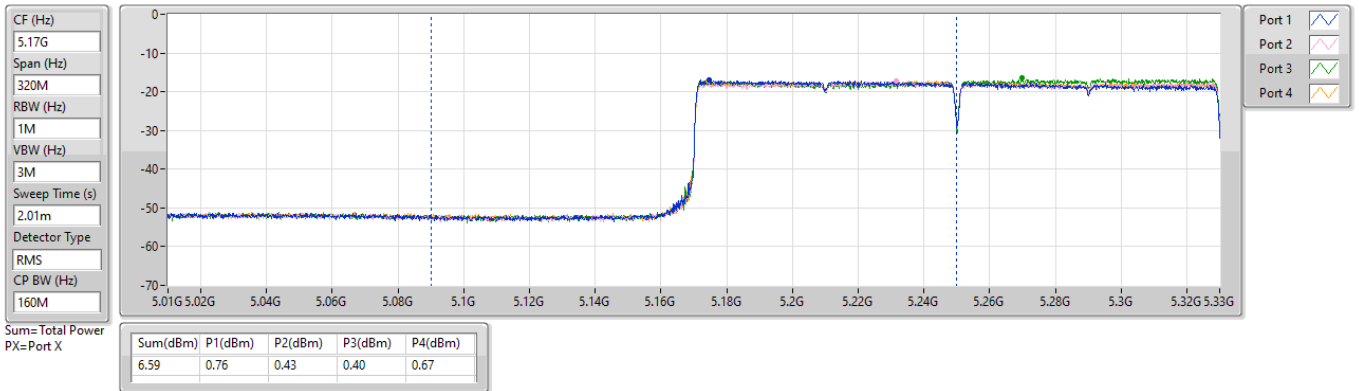
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.00	5.21	5.33	5.61	5.60	11.46	16.98
5300MHz	Pass	13.00	5.34	5.52	5.68	5.79	11.61	16.98
5320MHz	Pass	13.00	5.67	5.29	5.95	5.54	11.64	16.98
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.00	5.68	5.82	6.21	6.25	12.02	16.98
5300MHz	Pass	13.00	5.93	6.03	6.19	6.56	12.20	16.98
5320MHz	Pass	13.00	6.17	5.90	6.46	6.06	12.17	16.98
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	13.00	8.99	8.99	9.56	9.48	15.28	16.98
5310MHz	Pass	13.00	6.20	6.24	6.46	6.62	12.40	16.98
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	13.00	5.42	5.65	5.61	6.23	11.76	16.98
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.00	0.76	0.43	0.40	0.67	6.59	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	13.00	-0.08	0.17	1.16	0.29	6.43	16.98

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)_4TX

AV Power

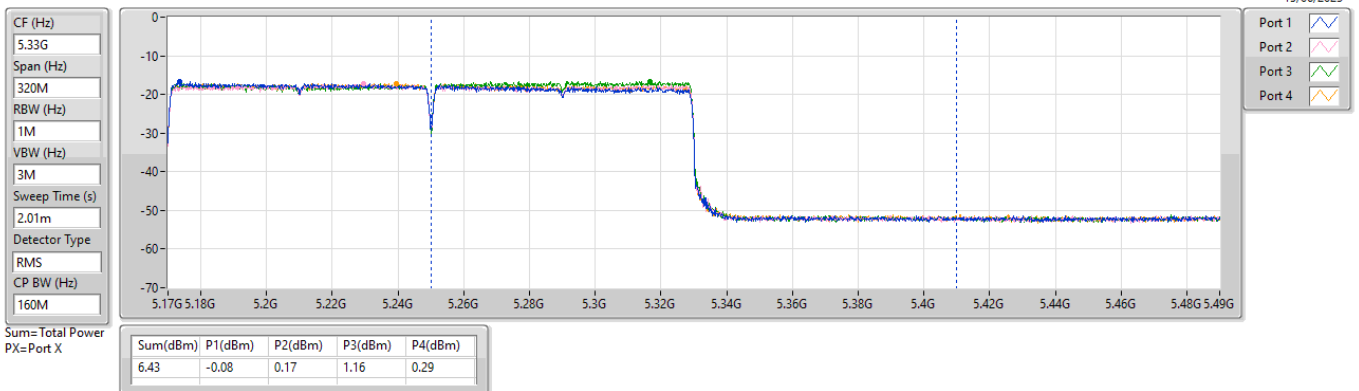
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX





Average Power_Non-Beamforming_ Scan Radio_Downtilt Panel Omni

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	14.32	0.02704
802.11ax HEW20_Nss1,(MCS0)_1TX	13.93	0.02472



Average Power_Non-Beamforming_ Scan Radio_Downtilt Panel Omni

Appendix C.7

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	3.70	13.80	13.80	23.98
5300MHz	Pass	3.70	14.32	14.32	23.98
5320MHz	Pass	3.70	14.17	14.17	23.98
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	3.70	13.46	13.46	23.98
5300MHz	Pass	3.70	13.93	13.93	23.98
5320MHz	Pass	3.70	13.82	13.82	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)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	14.32	0.02704
802.11ax HEW20_Nss1,(MCS0)_1TX	13.93	0.02472

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	13.00	13.80	13.80	16.98
5300MHz	Pass	13.00	14.32	14.32	16.98
5320MHz	Pass	13.00	12.54	12.54	16.79
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	13.00	13.46	13.46	16.98
5300MHz	Pass	13.00	13.93	13.93	16.98
5320MHz	Pass	13.00	11.78	11.78	16.98

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)_4TX	12.08	0.01614
5.25-5.35GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	19.62	0.09162
802.11be EHT40-BF_Nss1,(MCS0)_4TX	19.31	0.08531
802.11be EHT80-BF_Nss1,(MCS0)_4TX	16.35	0.04315
802.11be EHT160-BF_Nss1,(MCS0)_4TX	11.89	0.01545

**Result**

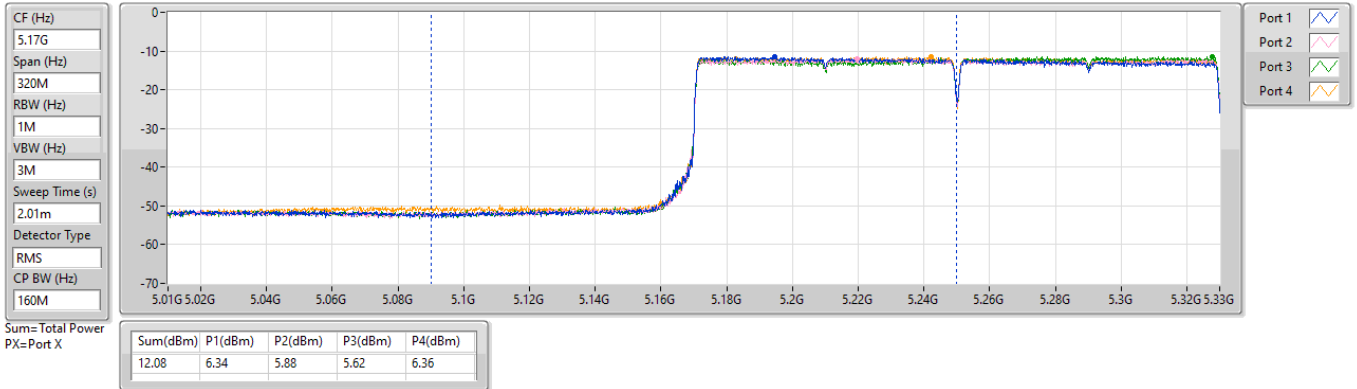
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.72	13.33	13.38	13.78	13.65	19.56	20.26
5300MHz	Pass	9.72	13.57	13.54	13.77	13.51	19.62	20.26
5320MHz	Pass	9.72	13.39	12.96	13.53	13.07	19.26	20.26
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.72	13.05	13.16	13.49	13.44	19.31	20.26
5310MHz	Pass	9.72	10.70	10.79	10.97	10.70	16.81	20.26
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.72	10.22	10.30	10.39	10.39	16.35	20.26
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.72	6.34	5.88	5.62	6.36	12.08	26.28
5250MHz Straddle 5.25-5.35GHz	Pass	9.72	5.53	5.58	6.39	5.92	11.89	20.26

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)_4TX

AV Power

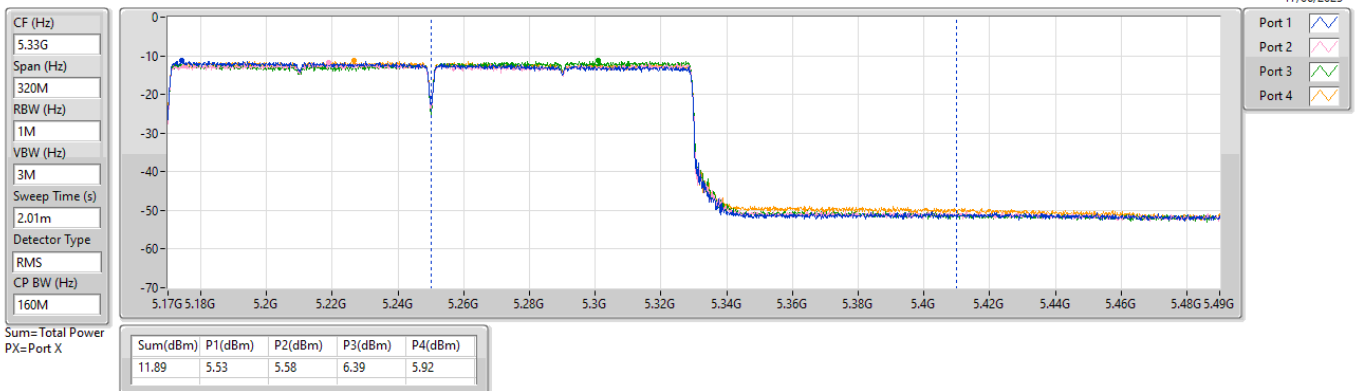
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160-BF_Nss1,(MCS0)_4TX	6.59	0.00456
5.25-5.35GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	10.39	0.01094
802.11be EHT40-BF_Nss1,(MCS0)_4TX	10.29	0.01069
802.11be EHT80-BF_Nss1,(MCS0)_4TX	10.14	0.01033
802.11be EHT160-BF_Nss1,(MCS0)_4TX	6.43	0.00440

**Result**

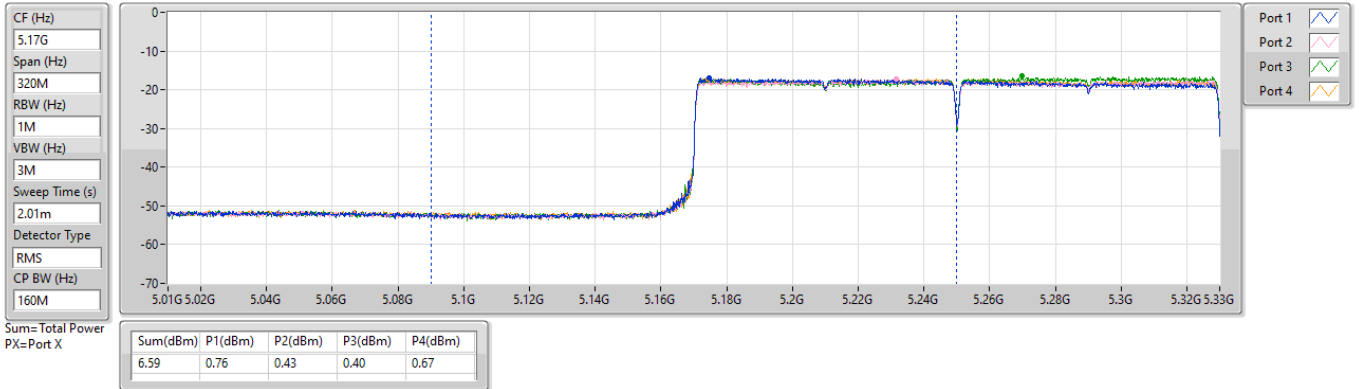
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	19.02	4.05	4.19	4.60	4.60	10.39	10.96
5300MHz	Pass	19.02	3.82	3.89	4.09	4.41	10.08	10.96
5320MHz	Pass	19.02	4.02	3.80	4.32	3.93	10.04	10.96
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	19.02	3.88	3.85	4.44	4.35	10.16	10.96
5310MHz	Pass	19.02	4.08	4.13	4.35	4.49	10.29	10.96
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	19.02	3.79	4.01	4.01	4.62	10.14	10.96
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	19.02	0.76	0.43	0.40	0.67	6.59	16.98
5250MHz Straddle 5.25-5.35GHz	Pass	19.02	-0.08	0.17	1.16	0.29	6.43	10.96

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)_4TX

AV Power

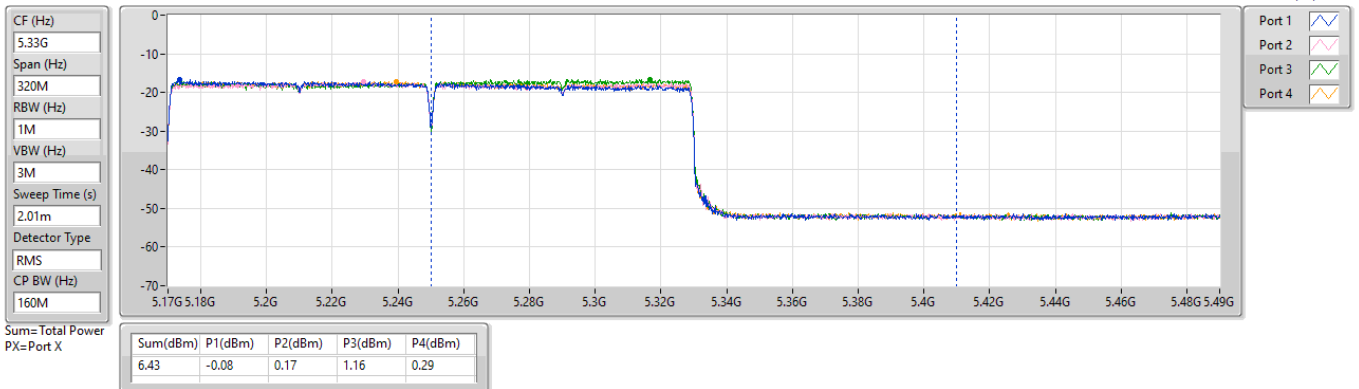
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX





**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Full RU**

Appendix D.1

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-7.29
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	5.39
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	4.87
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	1.71
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-2.90
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-6.72

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Full RU**

Appendix D.1

Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5260MHz	Pass	3.70	5.39	5.39	11.00
5300MHz	Pass	3.70	5.02	5.02	11.00
5320MHz	Pass	3.70	5.31	5.31	11.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5260MHz	Pass	3.70	4.81	4.81	11.00
5300MHz	Pass	3.70	4.46	4.46	11.00
5320MHz	Pass	3.70	4.87	4.87	11.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5270MHz	Pass	3.70	1.71	1.71	11.00
5310MHz	Pass	3.70	0.48	0.48	11.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5290MHz	Pass	3.70	-2.90	-2.90	11.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.70	-7.29	-7.29	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.70	-6.72	-6.72	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.



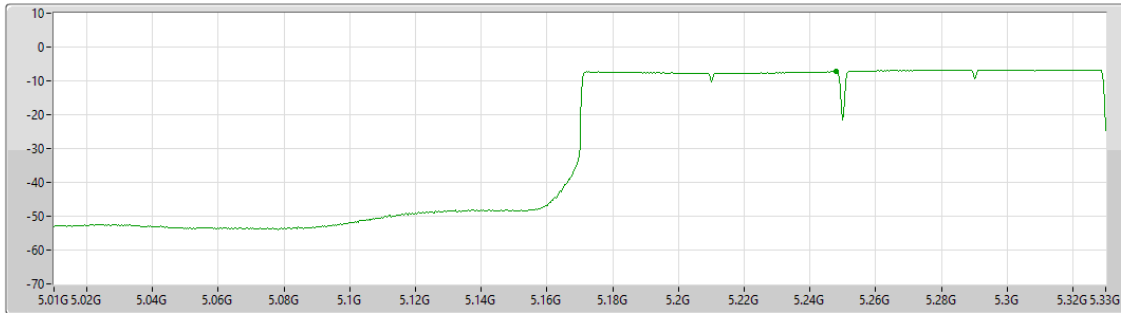
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

18/06/2025

CF (Hz)
5.17G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.29	-7.29	-	-	-7.29

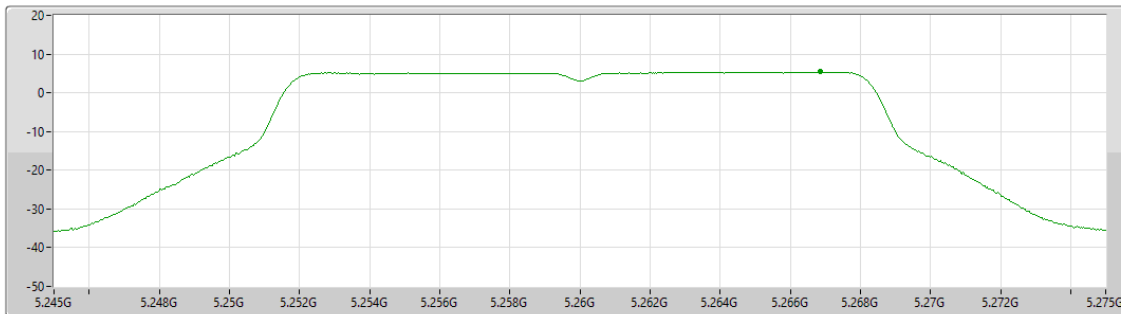
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

PSD

5260MHz

18/06/2025

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.939
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.39	5.39	-	-	5.39



PSD_Non-Beamforming_ Radio 2_Downtilt Panel Omni_1T1S_Full RU

Appendix D.1

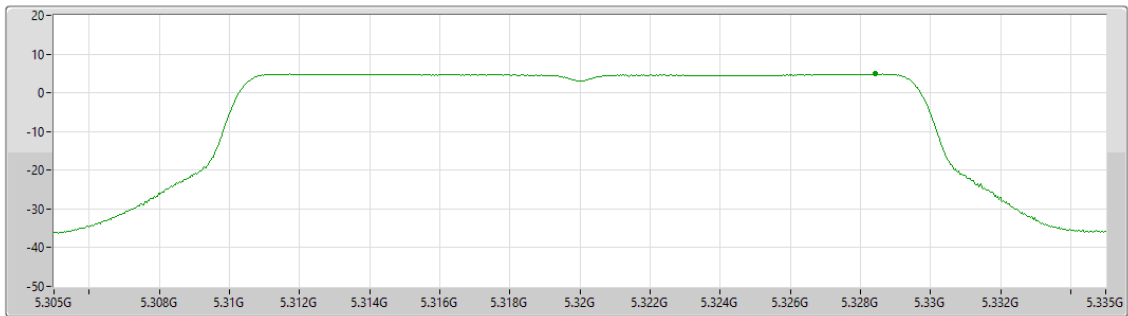
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

PSD

5320MHz

18/06/2025

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	-	-	4.87

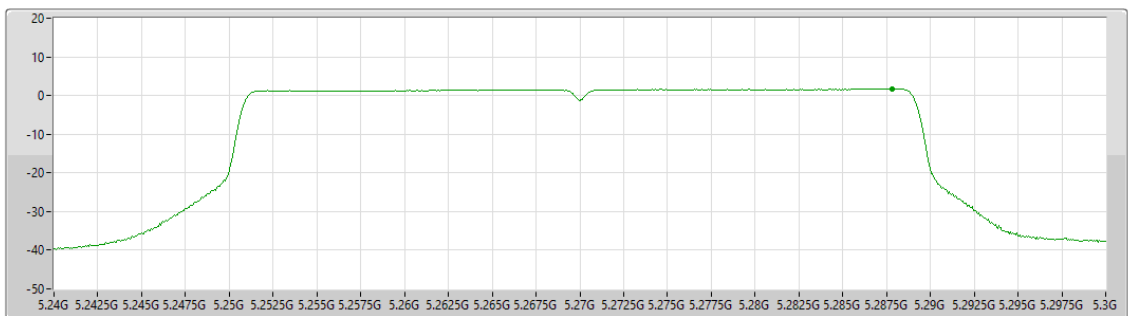
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

PSD

5270MHz

18/06/2025

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.71	1.71	-	-	1.71



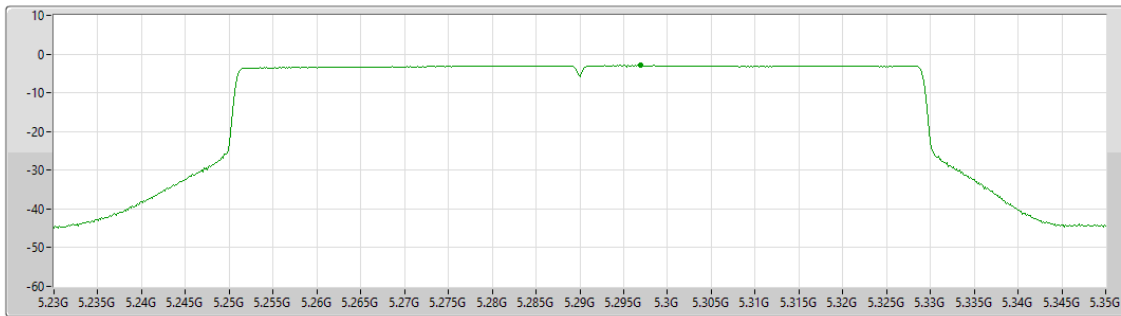
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

PSD

5290MHz

18/06/2025

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.90	-2.90	-	-	-2.90

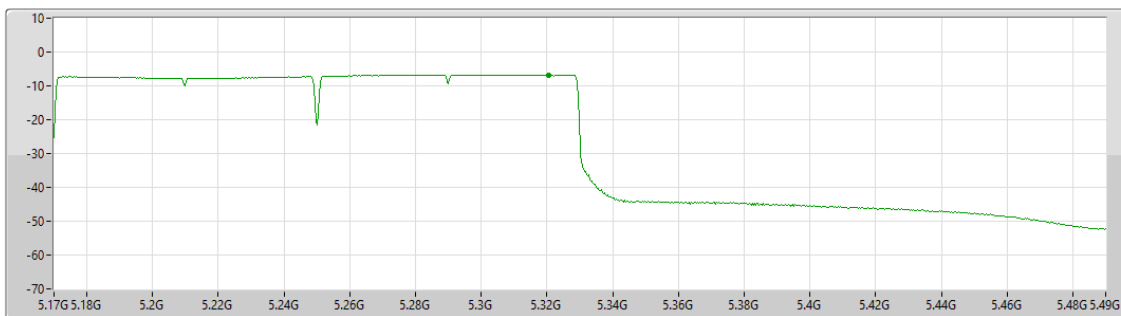
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

18/06/2025

CF (Hz)
5.33G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.72	-6.72	-	-	-6.72



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_2T1S_Full RU**

Appendix D.2

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-8.64
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	8.07
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	7.57
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	3.36
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-3.09
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-8.85

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_2T1S_Full RU**

Appendix D.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	6.71	4.82	5.48	8.07	10.29
5300MHz	Pass	6.71	4.60	4.68	7.62	10.29
5320MHz	Pass	6.71	2.82	2.90	5.85	10.29
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	6.71	4.14	5.04	7.57	10.29
5300MHz	Pass	6.71	3.67	3.63	6.65	10.29
5320MHz	Pass	6.71	1.71	1.72	4.69	10.29
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5270MHz	Pass	6.71	0.18	0.78	3.36	10.29
5310MHz	Pass	6.71	-2.68	-2.60	0.34	10.29
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5290MHz	Pass	6.71	-5.98	-6.04	-3.09	10.29
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.71	-11.21	-12.09	-8.64	16.29
5250MHz Straddle 5.25-5.35GHz	Pass	6.71	-11.83	-11.46	-8.85	10.29

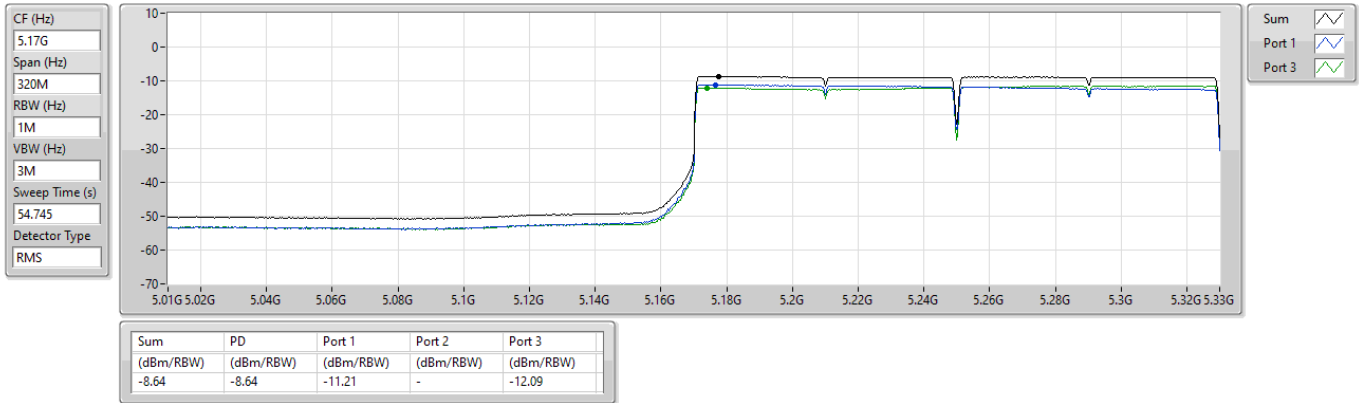
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

17/06/2025

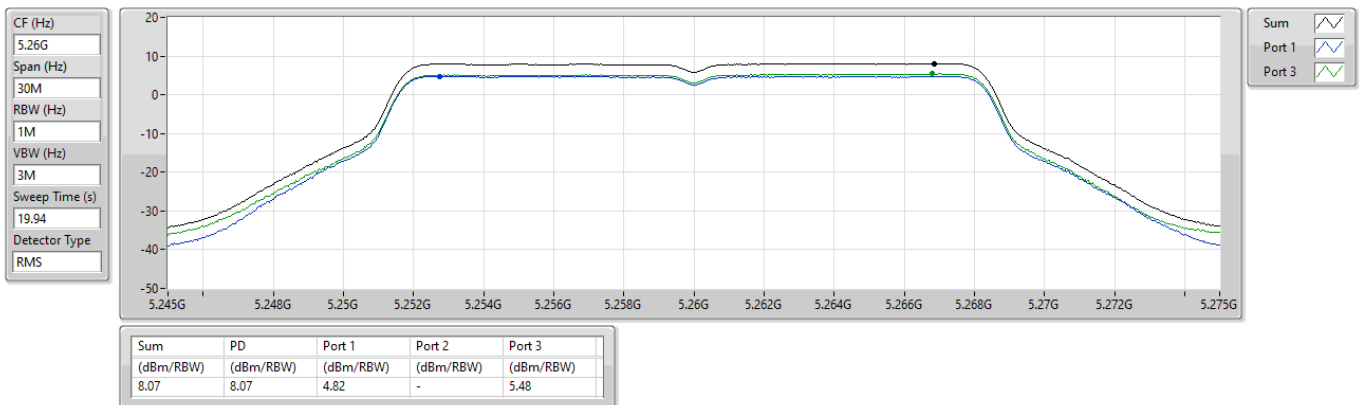


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

PSD

5260MHz

17/06/2025

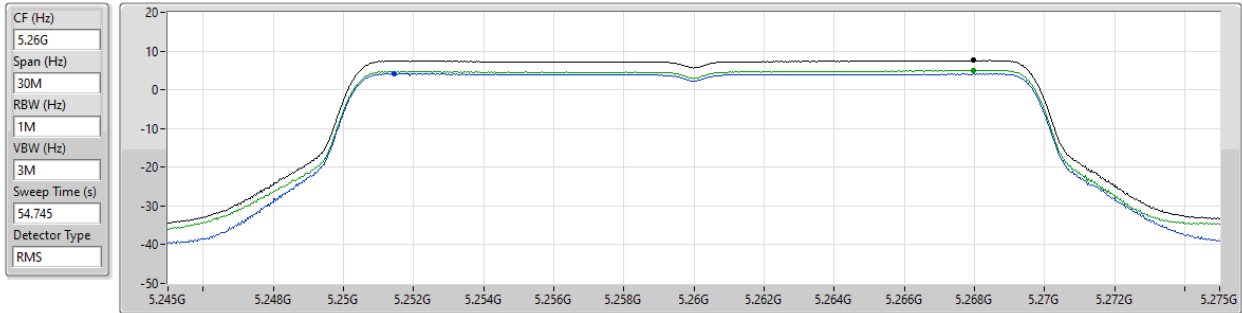


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5260MHz

17/06/2025



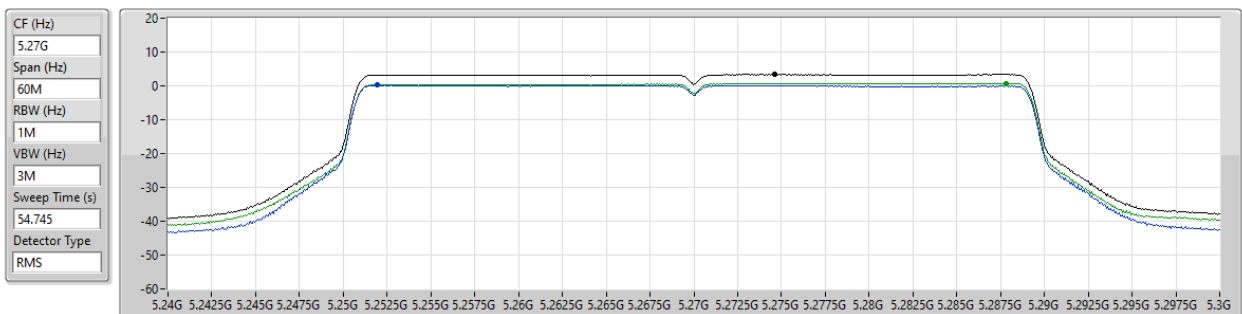
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	4.14	-	5.04

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5270MHz

17/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.36	3.36	0.18	-	0.78



PSD_Non-Beamforming_ Radio 2_Downtilt Panel Omni_2T1S_Full RU

Appendix D.2

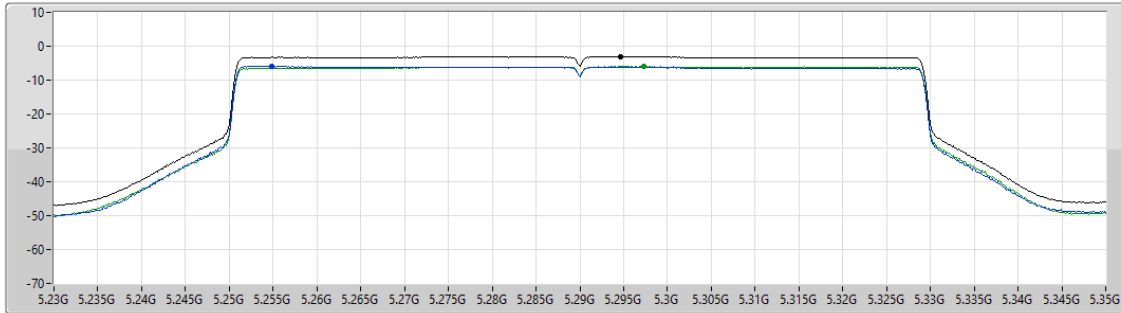
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5290MHz

01/07/2025

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.745
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.09	-3.09	-5.98	-	-6.04

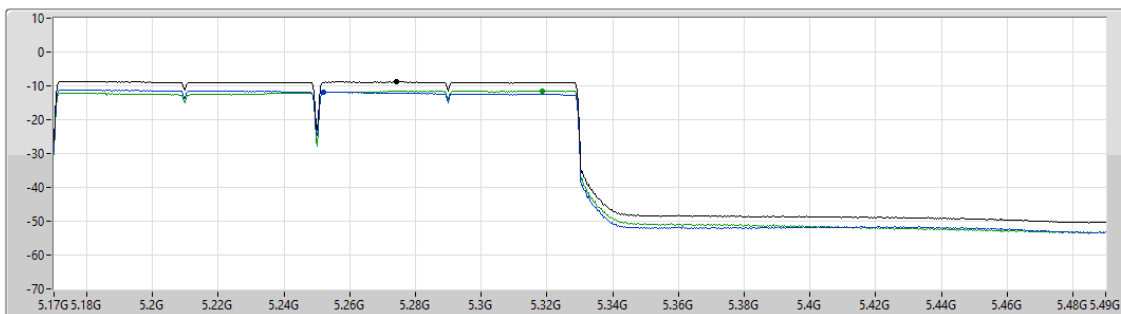
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

17/06/2025

CF (Hz)
5.33G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.745
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.85	-8.85	-11.83	-	-11.46



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_4T1S_Full RU**

Appendix D.3

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_4TX	-7.85
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	6.95
802.11be EHT20_Nss1,(MCS0)_4TX	7.24
802.11be EHT40_Nss1,(MCS0)_4TX	5.80
802.11be EHT80_Nss1,(MCS0)_4TX	-4.21
802.11be EHT160_Nss1,(MCS0)_4TX	-8.03

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_4T1S_Full RU**

Appendix D.3

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.72	0.69	0.80	1.48	0.88	6.87	7.28
5300MHz	Pass	9.72	0.99	0.88	1.10	0.79	6.87	7.28
5320MHz	Pass	9.72	1.17	0.77	1.30	0.79	6.95	7.28
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.72	1.15	1.11	1.71	1.48	7.24	7.28
5300MHz	Pass	9.72	1.00	0.73	1.10	0.87	6.87	7.28
5320MHz	Pass	9.72	1.22	0.80	1.34	0.78	6.99	7.28
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.72	-0.31	-0.21	0.12	0.06	5.80	7.28
5310MHz	Pass	9.72	-6.26	-6.38	-6.17	-6.55	-0.40	7.28
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.72	-10.13	-10.17	-9.99	-9.92	-4.21	7.28
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.72	-13.30	-14.06	-14.16	-13.50	-7.85	13.28
5250MHz Straddle 5.25-5.35GHz	Pass	9.72	-14.12	-14.20	-13.36	-13.75	-8.03	7.28

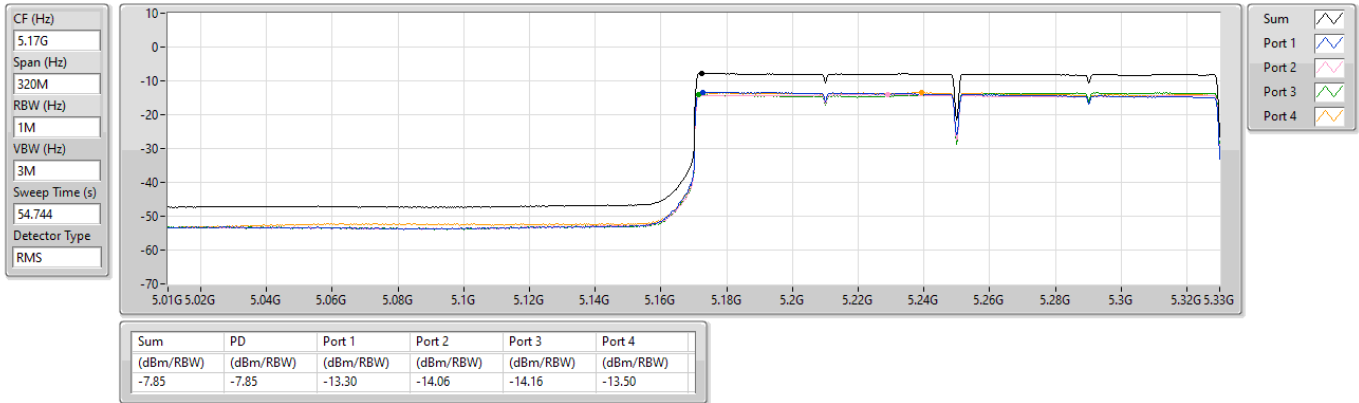
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

17/06/2025

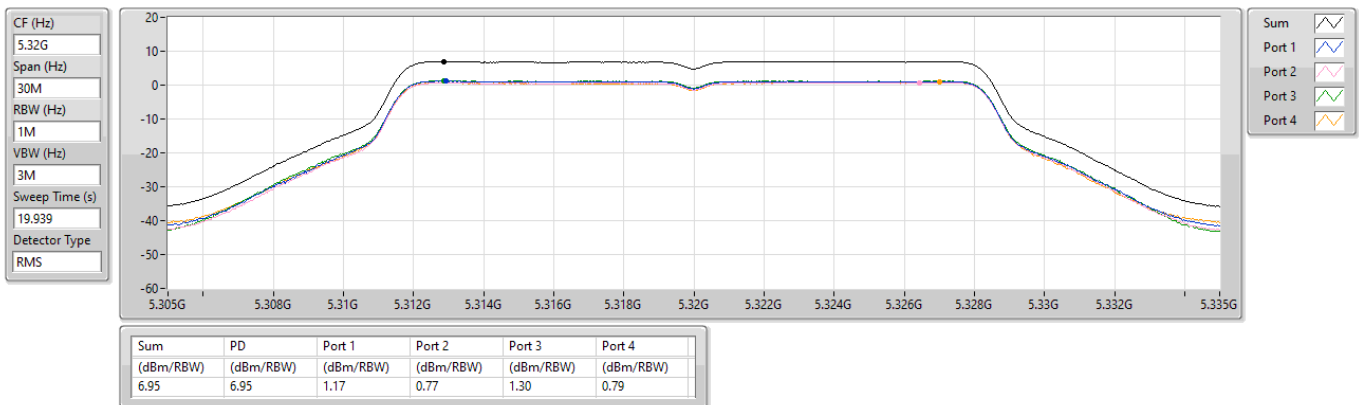


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

17/06/2025



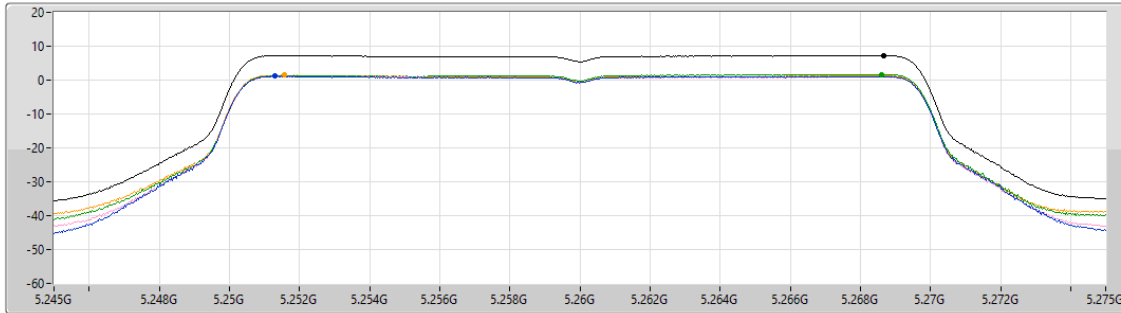
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

17/06/2025

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	1.15	1.11	1.71	1.48

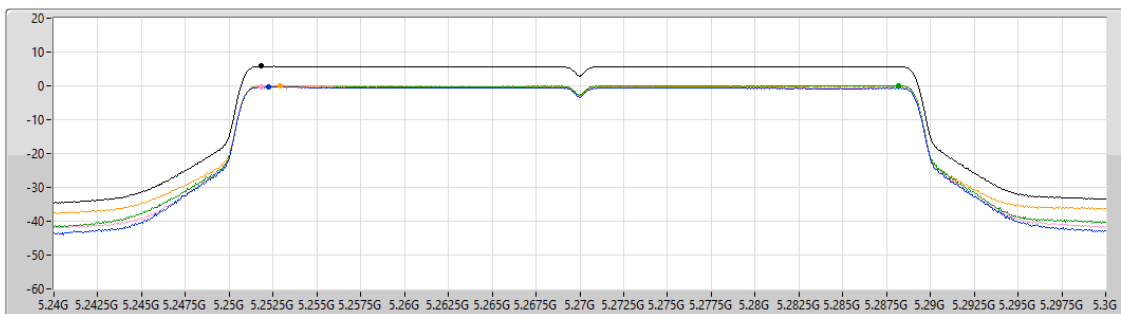
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

17/06/2025

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.80	5.80	-0.31	-0.21	0.12	0.06

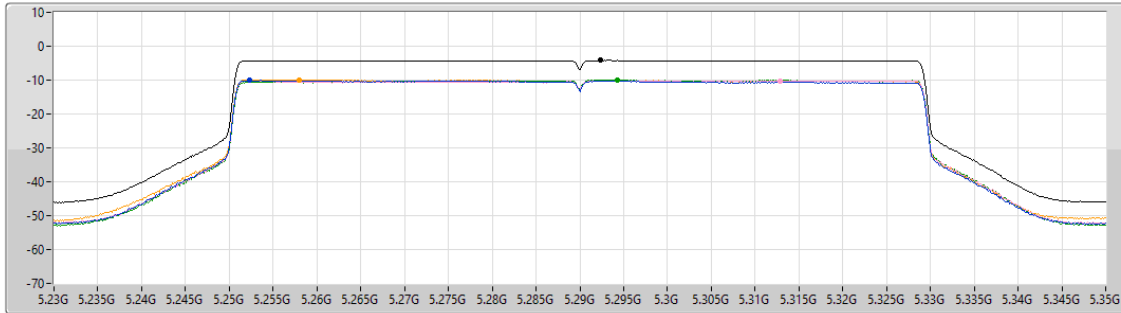
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

17/06/2025

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.21	-4.21	-10.13	-10.17	-9.99	-9.92

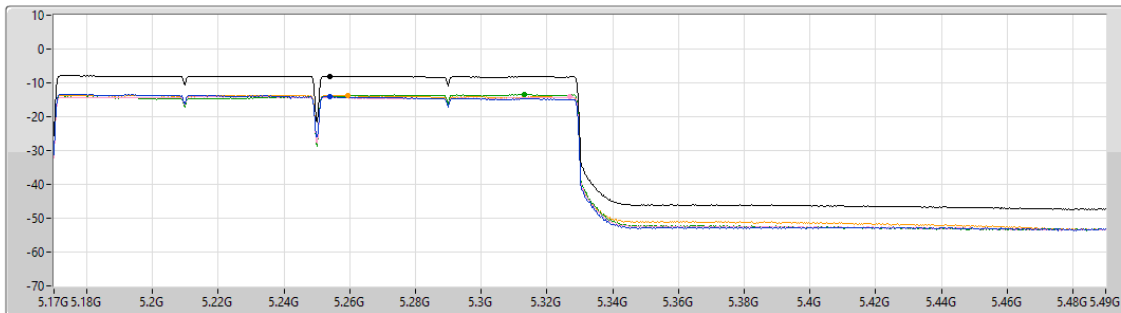
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

17/06/2025

CF (Hz)
5.33G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.03	-8.03	-14.12	-14.20	-13.36	-13.75



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-12.32
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	3.69
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	3.25
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-0.10
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-7.36
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-11.72

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

Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5260MHz	Pass	13.00	3.69	3.69	4.00
5300MHz	Pass	13.00	3.37	3.37	4.00
5320MHz	Pass	13.00	3.61	3.61	4.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5260MHz	Pass	13.00	3.25	3.25	4.00
5300MHz	Pass	13.00	2.88	2.88	4.00
5320MHz	Pass	13.00	2.58	2.58	4.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5270MHz	Pass	13.00	-0.10	-0.10	4.00
5310MHz	Pass	13.00	-3.48	-3.48	4.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5290MHz	Pass	13.00	-7.36	-7.36	4.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.00	-12.32	-12.32	10.00
5250MHz Straddle 5.25-5.35GHz	Pass	13.00	-11.72	-11.72	4.00

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.



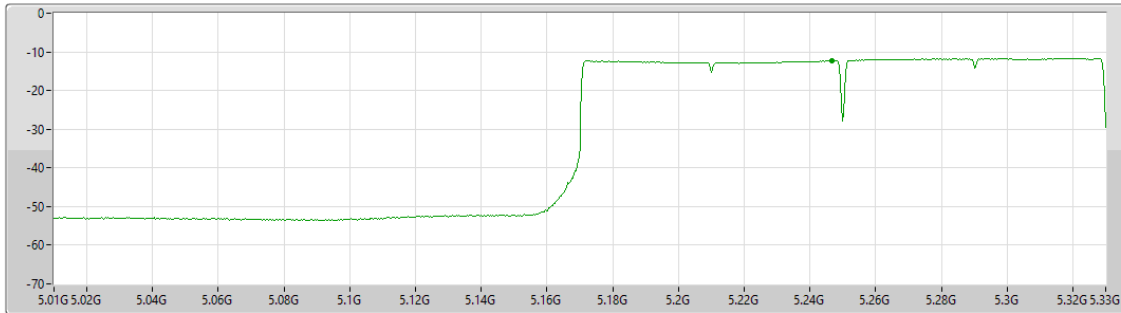
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

16/06/2025

CF (Hz)
5.17G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.32	-12.32	-	-	-12.32

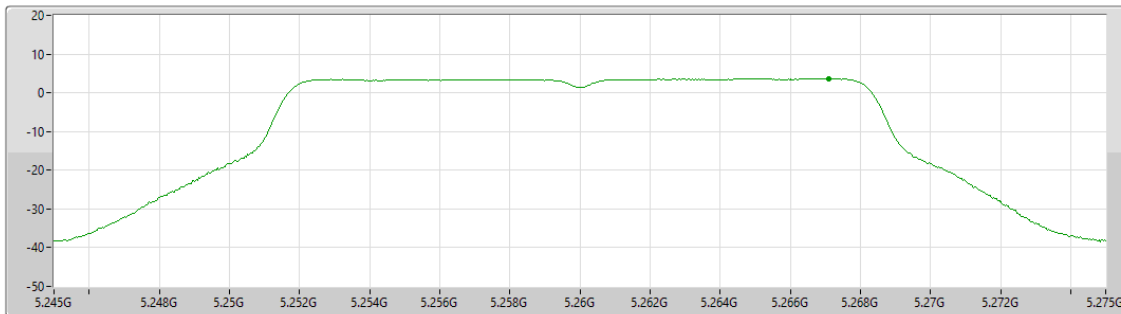
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

PSD

5260MHz

16/06/2025

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.939
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.69	3.69	-	-	3.69

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

PSD

5260MHz

16/06/2025

CF (Hz)
5.26G

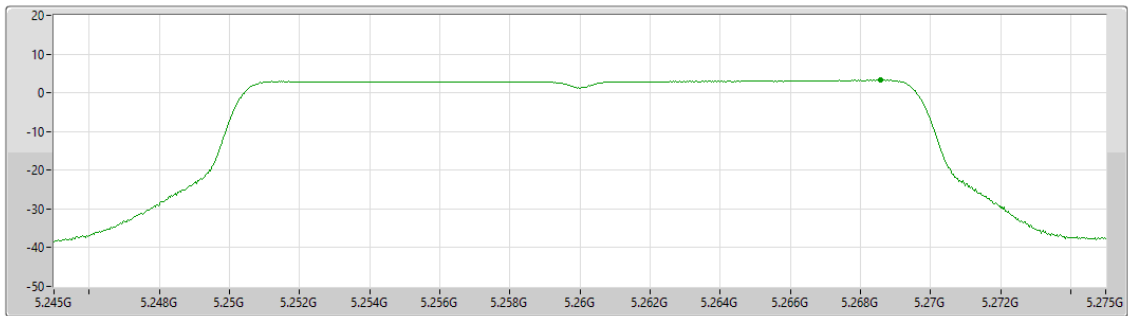
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.25	3.25	-	-	3.25

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

PSD

5270MHz

16/06/2025

CF (Hz)
5.27G

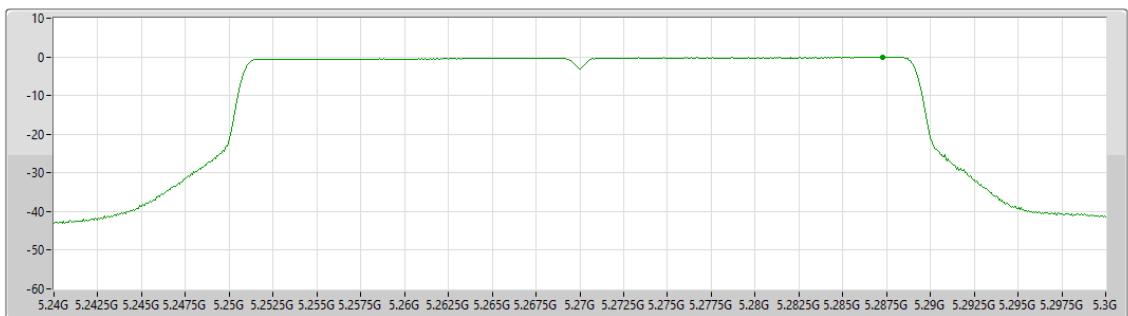
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.10	-0.10	-	-	-0.10

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

PSD

5290MHz

16/06/2025

CF (Hz)
5.29G

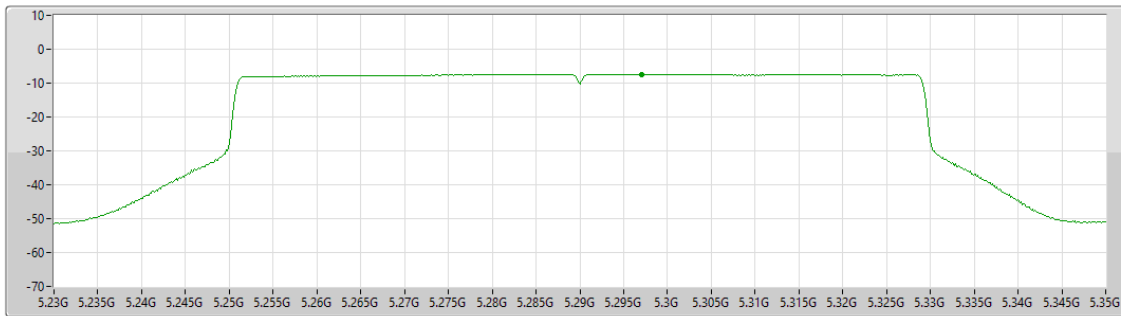
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.36	-7.36	-	-	-7.36

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

16/06/2025

CF (Hz)
5.33G

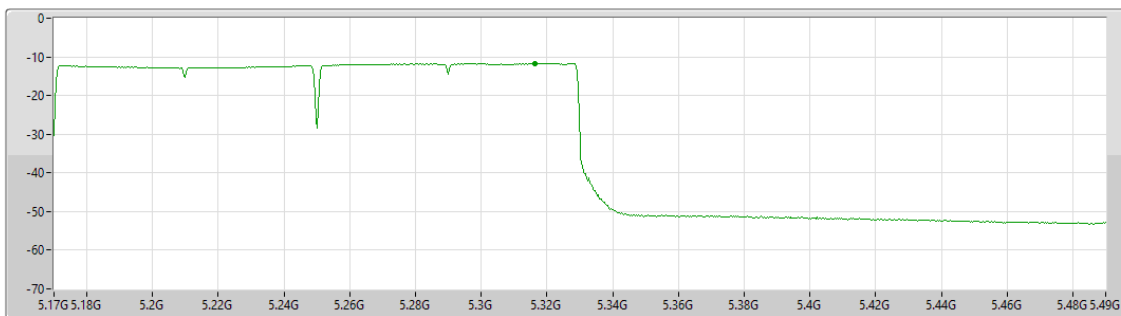
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.72	-11.72	-	-	-11.72



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-11.66
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	0.76
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	0.78
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-1.38
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-9.22
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-11.88

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

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	16.01	-2.41	-1.89	0.76	0.99
5300MHz	Pass	16.01	-2.23	-2.18	0.75	0.99
5320MHz	Pass	16.01	-2.41	-2.34	0.59	0.99
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5260MHz	Pass	16.01	-2.44	-2.01	0.66	0.99
5300MHz	Pass	16.01	-2.30	-2.17	0.78	0.99
5320MHz	Pass	16.01	-2.54	-2.36	0.53	0.99
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5270MHz	Pass	16.01	-4.48	-3.99	-1.38	0.99
5310MHz	Pass	16.01	-8.64	-8.64	-5.64	0.99
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5290MHz	Pass	16.01	-12.14	-12.06	-9.22	0.99
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.01	-14.38	-14.91	-11.66	6.99
5250MHz Straddle 5.25-5.35GHz	Pass	16.01	-15.01	-14.40	-11.88	0.99

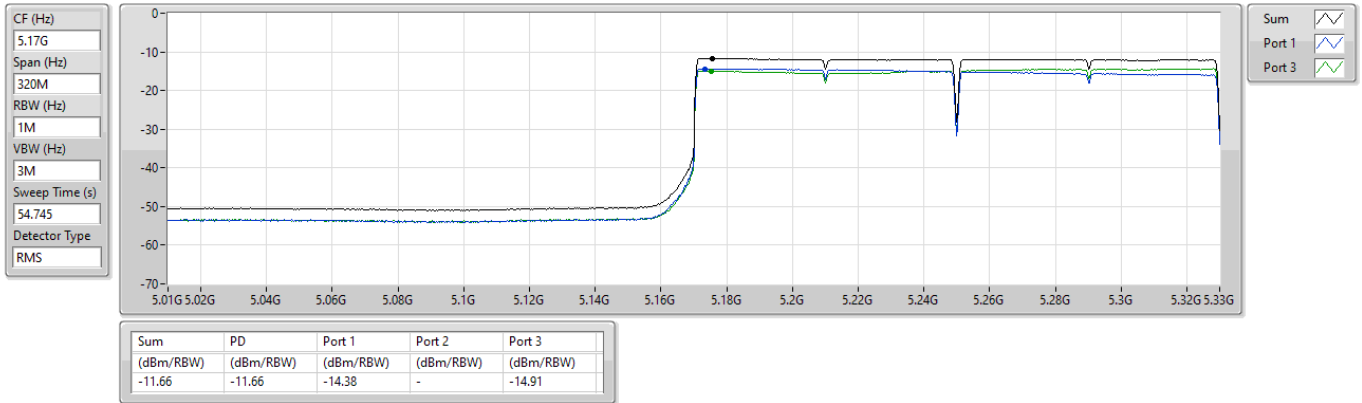
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

14/06/2025

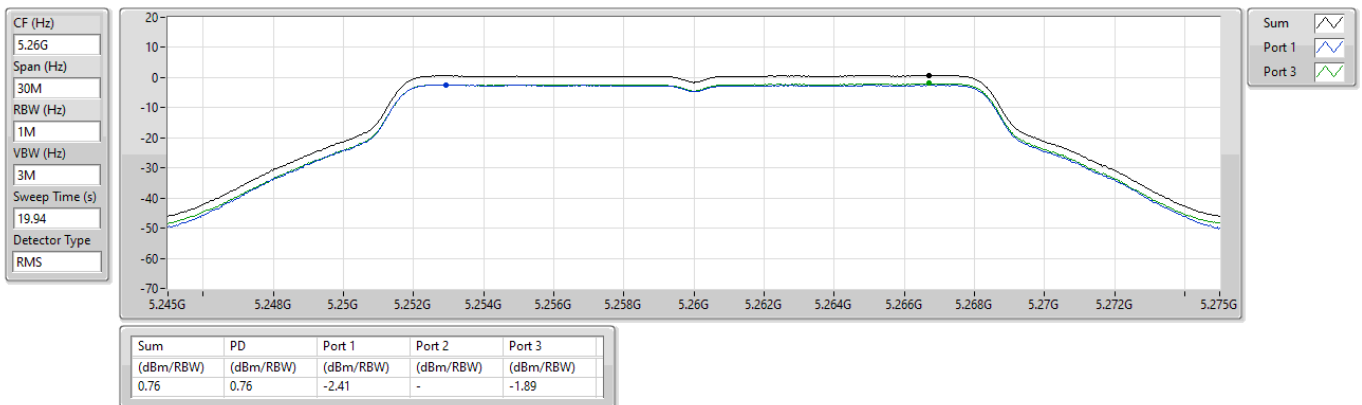


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

PSD

5260MHz

14/06/2025



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5300MHz

14/06/2025

CF (Hz)
5.3G

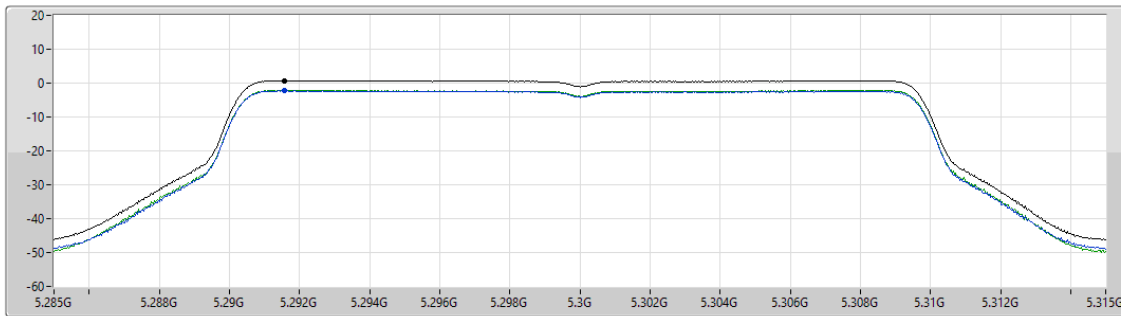
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.745

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 3 ☐

Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.78	0.78	-2.30	-	-2.17

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5270MHz

14/06/2025

CF (Hz)
5.27G

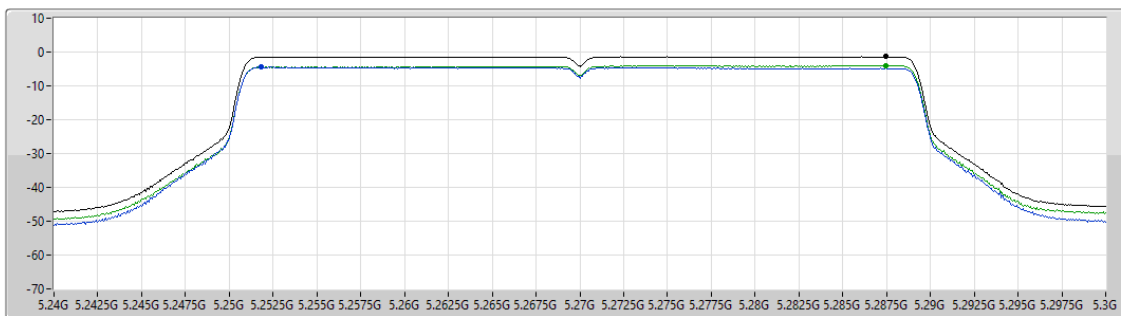
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.745

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 3 ☐

Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.38	-1.38	-4.48	-	-3.99

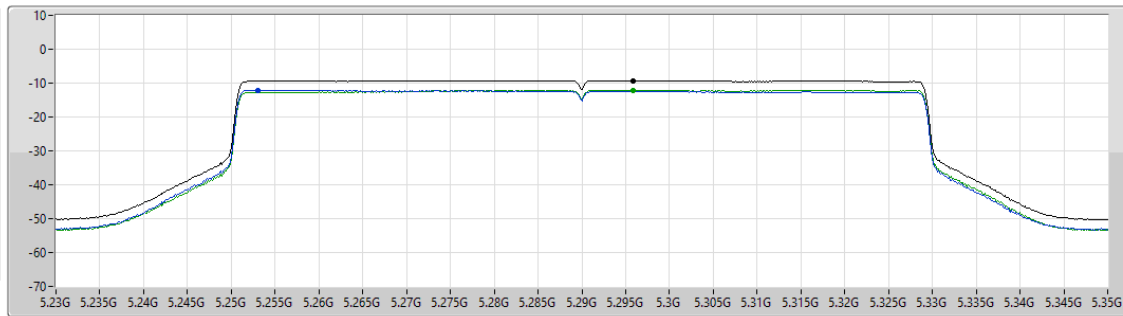
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5290MHz

14/06/2025

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.745
Detector Type
RMS



Sum
Port 1
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.22	-9.22	-12.14	-	-12.06

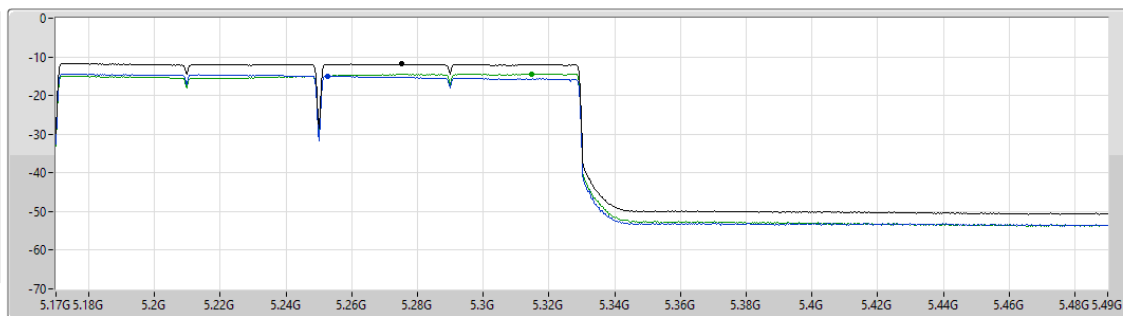
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

14/06/2025

CF (Hz)
5.33G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.745
Detector Type
RMS



Sum
Port 1
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.88	-11.88	-15.01	-	-14.40



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_4TX	-13.36
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	-2.29
802.11be EHT20_Nss1,(MCS0)_4TX	-2.25
802.11be EHT40_Nss1,(MCS0)_4TX	-2.17
802.11be EHT80_Nss1,(MCS0)_4TX	-9.22
802.11be EHT160_Nss1,(MCS0)_4TX	-13.47

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	19.02	-8.69	-8.47	-8.04	-8.19	-2.45	-2.02
5300MHz	Pass	19.02	-8.52	-8.42	-8.19	-7.92	-2.31	-2.02
5320MHz	Pass	19.02	-8.16	-8.52	-7.91	-8.31	-2.29	-2.02
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	19.02	-8.73	-8.46	-8.10	-8.10	-2.44	-2.02
5300MHz	Pass	19.02	-8.46	-8.36	-8.16	-7.76	-2.27	-2.02
5320MHz	Pass	19.02	-8.17	-8.48	-7.92	-8.24	-2.25	-2.02
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	19.02	-8.35	-8.23	-7.73	-7.85	-2.17	-2.02
5310MHz	Pass	19.02	-11.31	-11.15	-11.02	-10.95	-5.18	-2.02
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	19.02	-15.17	-15.22	-15.14	-14.59	-9.22	-2.02
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	19.02	-18.96	-19.36	-19.33	-19.22	-13.36	3.98
5250MHz Straddle 5.25-5.35GHz	Pass	19.02	-19.66	-19.65	-18.70	-19.34	-13.47	-2.02

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;

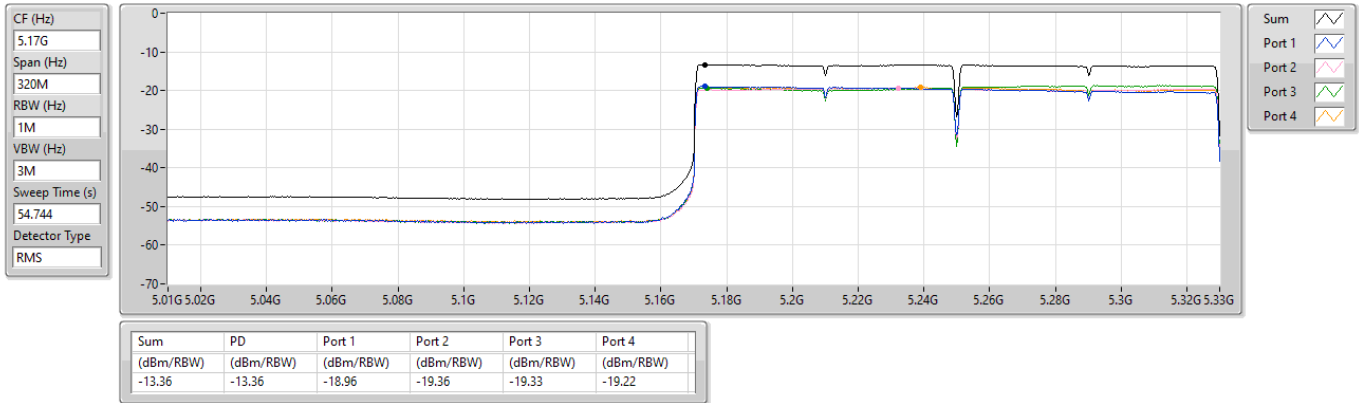
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

13/06/2025

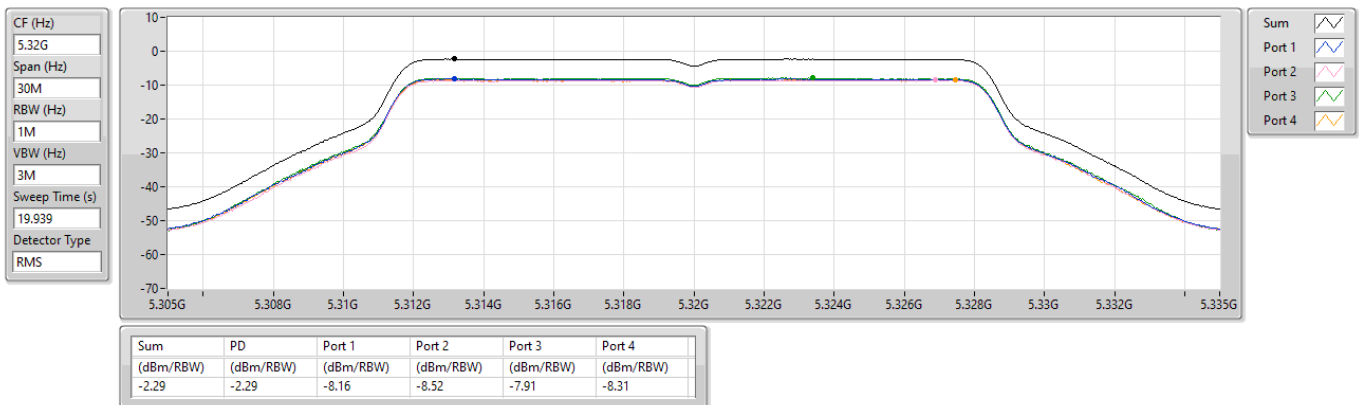


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

13/06/2025



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

13/06/2025

CF (Hz)
5.32G

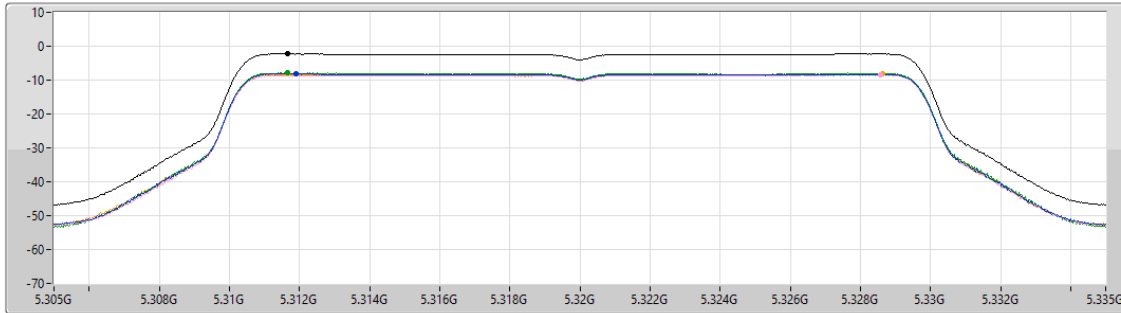
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.25	-2.25	-8.17	-8.48	-7.92	-8.24

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

13/06/2025

CF (Hz)
5.27G

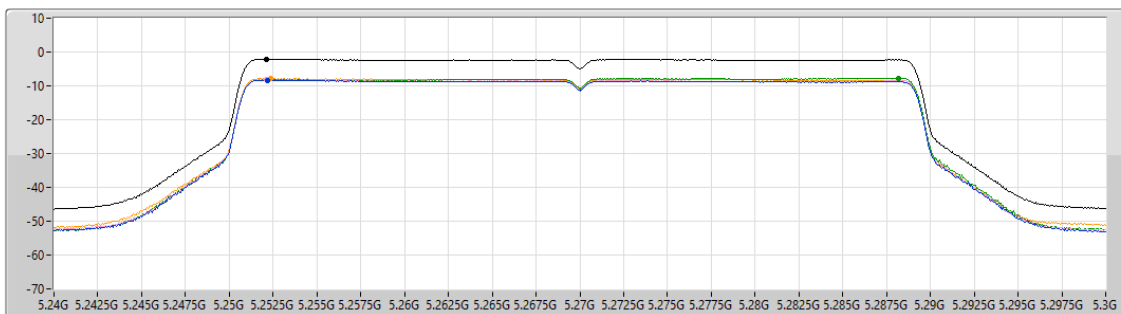
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.17	-2.17	-8.35	-8.23	-7.73	-7.85

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5290MHz

13/06/2025

CF (Hz)
5.29G

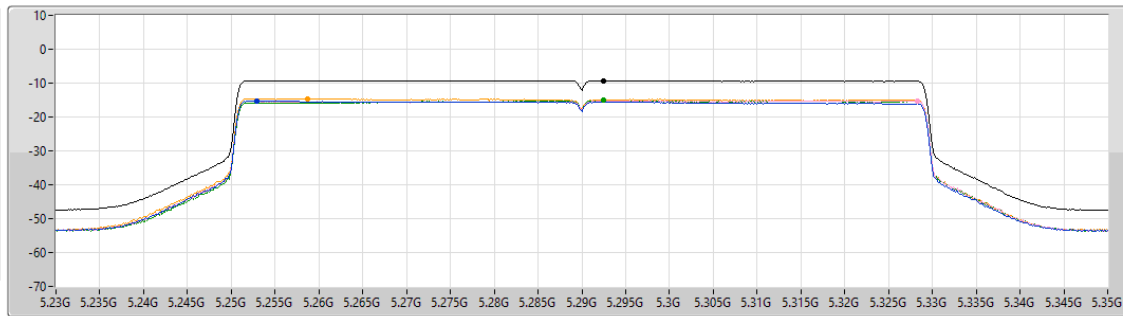
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.22	-9.22	-15.17	-15.22	-15.14	-14.59

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

13/06/2025

CF (Hz)
5.33G

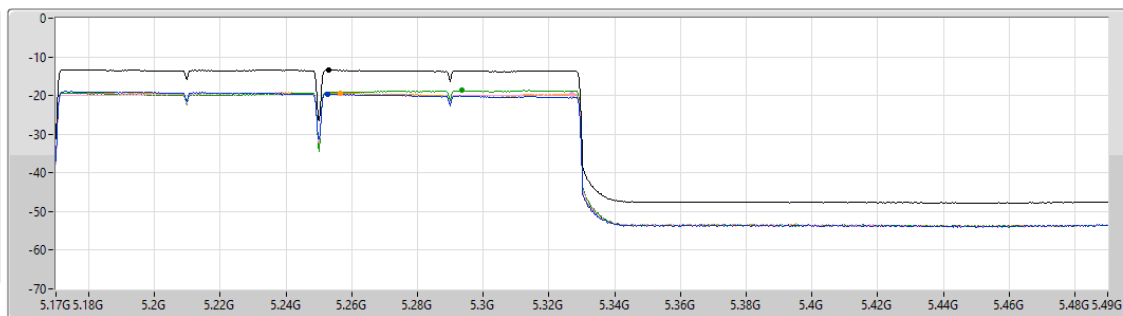
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.47	-13.47	-19.66	-19.65	-18.70	-19.34



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Multi-RU**

Appendix D.7

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)	-7.43
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-3.13
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)	-6.73

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Multi-RU**

Appendix D.7

Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-	-	-	-	-
5290MHz	Pass	3.70	-3.13	-3.13	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.70	-7.43	-7.43	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.70	-6.73	-6.73	11.00

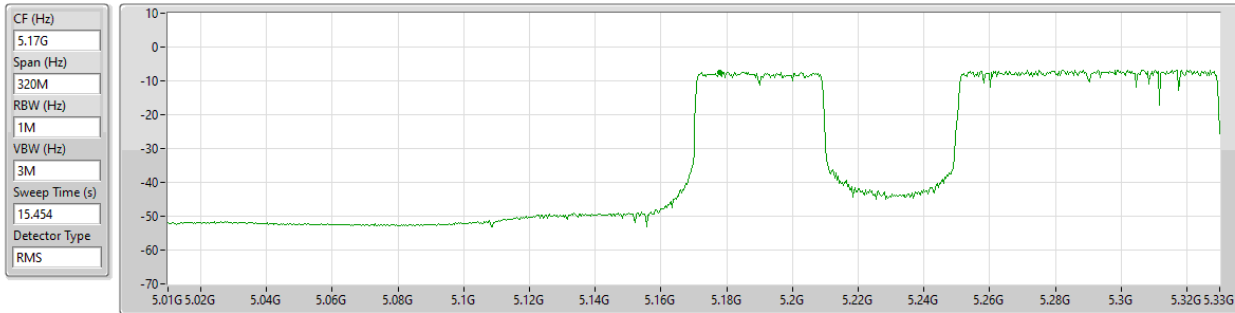
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

28/06/2025



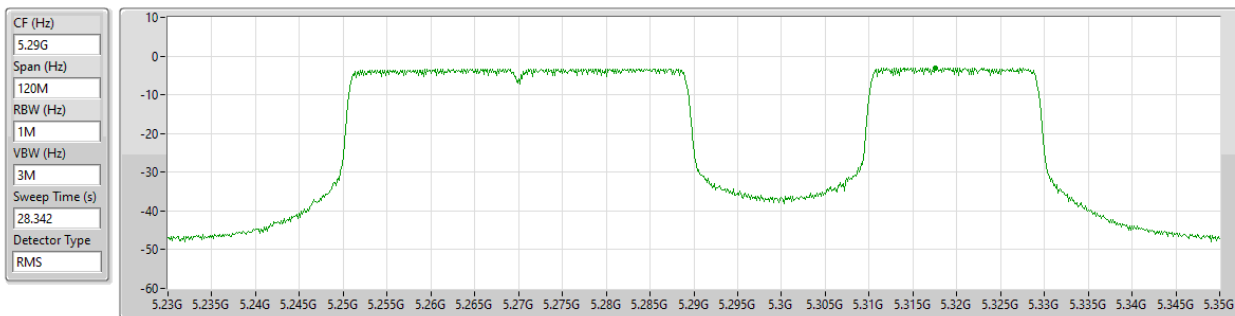
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.43	-7.43	-	-	-7.43

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)

PSD

5290MHz

28/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.13	-3.13	-	-	-3.13

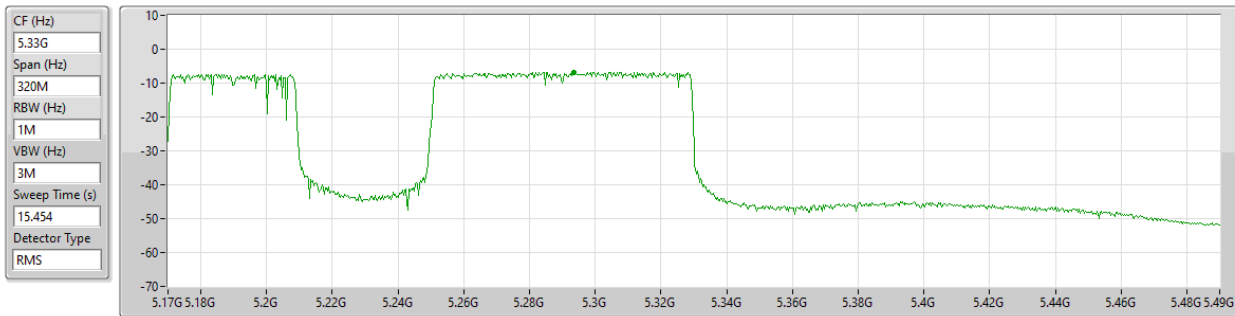


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX(Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

28/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.73	-6.73	-	-	-6.73



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_2T1S_Multi-RU**

Appendix D.8

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-1.02

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_2T1S_Multi-RU**

Appendix D.8

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-	-	-	-	-	-
5210MHz	Pass	6.71	-3.89	-4.11	-1.02	16.29

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.



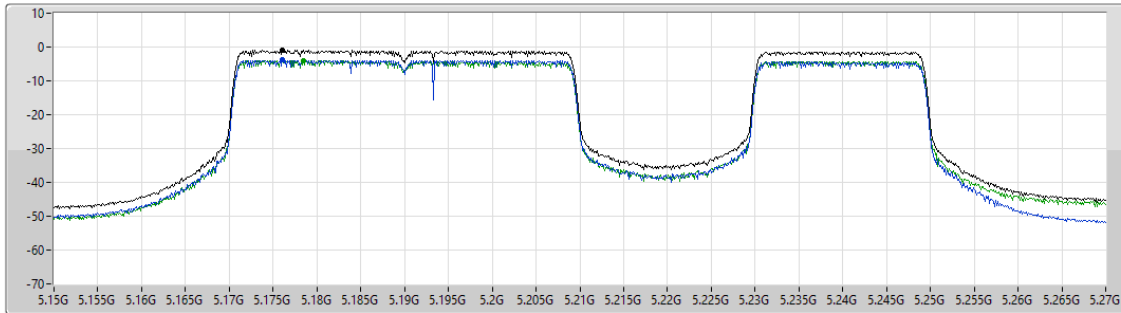
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)

PSD

5210MHz

01/07/2025

CF (Hz)
5.21G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
28.342
Detector Type
RMS



Sum
Port 1
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-3.89	-	-4.11



**PSD_ Non-Beamforming_
Radio 2_Downtilt Panel Omni_4T1S_Multi-RU**

Appendix D.9

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-7.89
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-4.30
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-8.17

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_4T1S_Multi-RU**

Appendix D.9

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.72	-10.15	-10.15	-10.11	-9.35	-4.30	7.28
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.72	-13.28	-13.79	-14.19	-13.35	-7.89	13.28
5250MHz Straddle 5.25-5.35GHz	Pass	9.72	-14.12	-14.07	-13.49	-13.70	-8.17	7.28

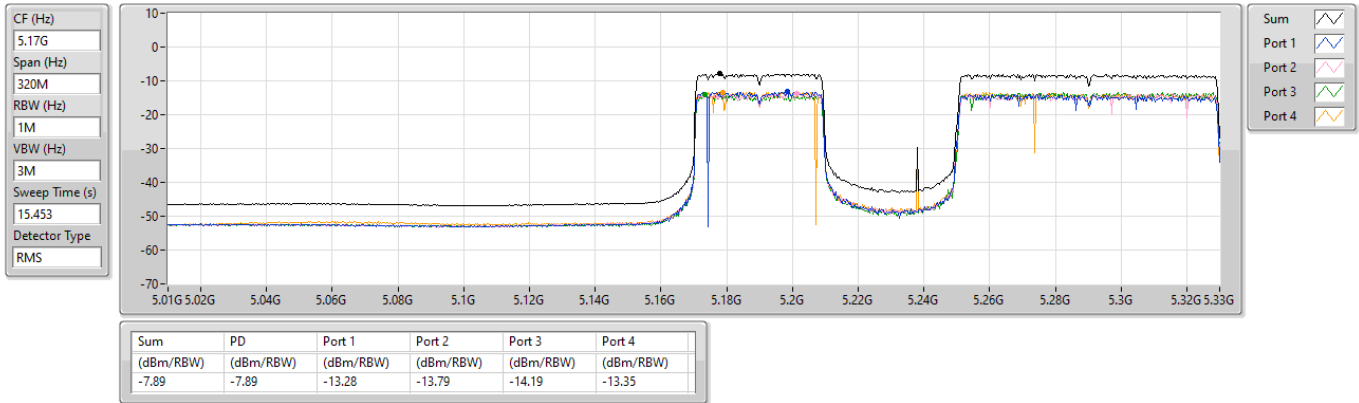
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

27/06/2025

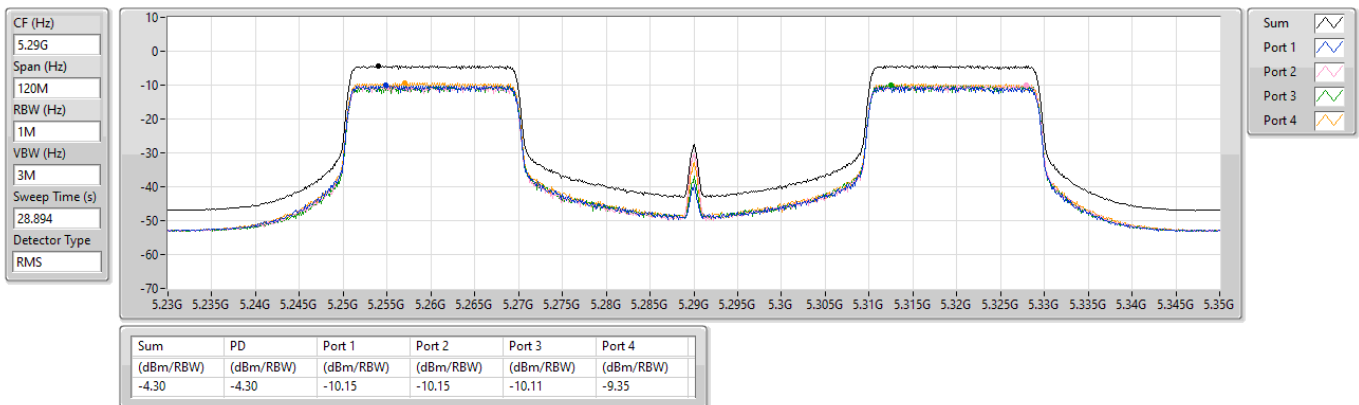


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5290MHz

27/06/2025



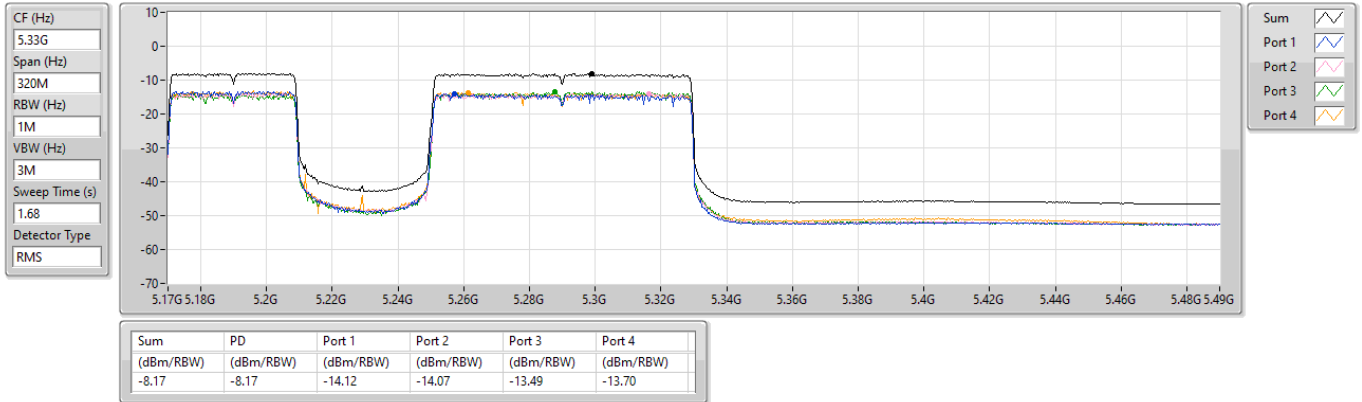


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

27/06/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3)	-12.55
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-7.60
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3)	-11.84

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



PSD_Non-Beamforming_Radio 2_Patch Array_1T1S_Multi-RU Appendix D.10

Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-	-	-	-	-
5290MHz	Pass	13.00	-7.60	-7.60	4.00
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.00	-12.55	-12.55	10.00
5250MHz Straddle 5.25-5.35GHz	Pass	13.00	-11.84	-11.84	4.00

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.



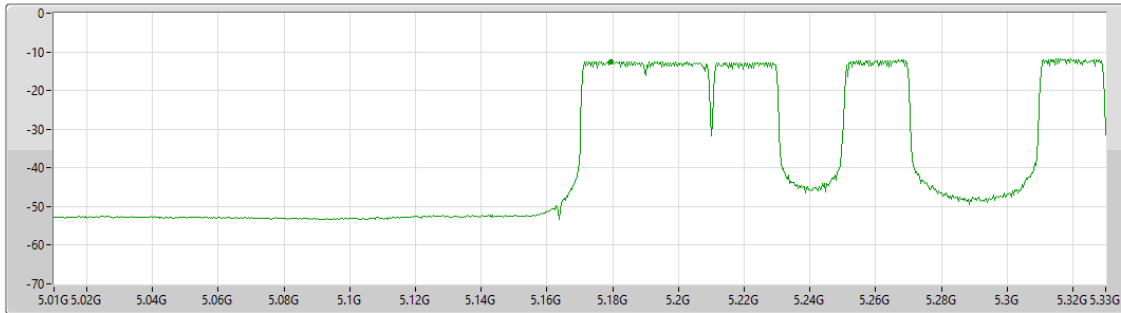
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

28/06/2025

CF (Hz)
5.17G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
28.5
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.55	-12.55	-	-	-12.55

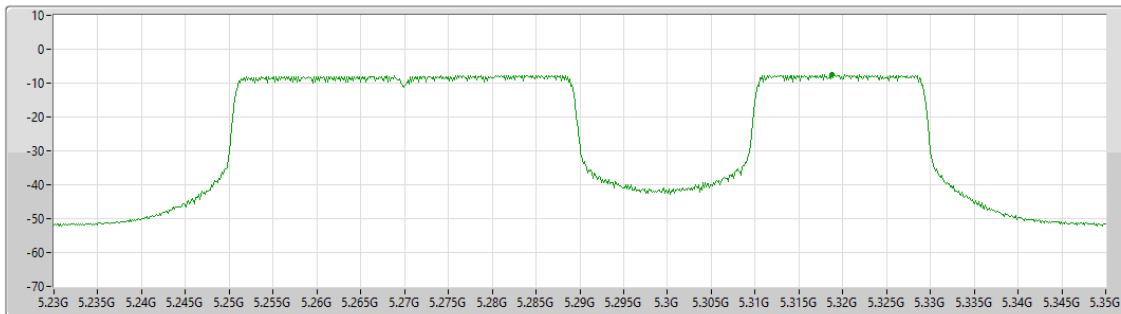
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)

PSD

5290MHz

28/06/2025

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
28.342
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.60	-7.60	-	-	-7.60

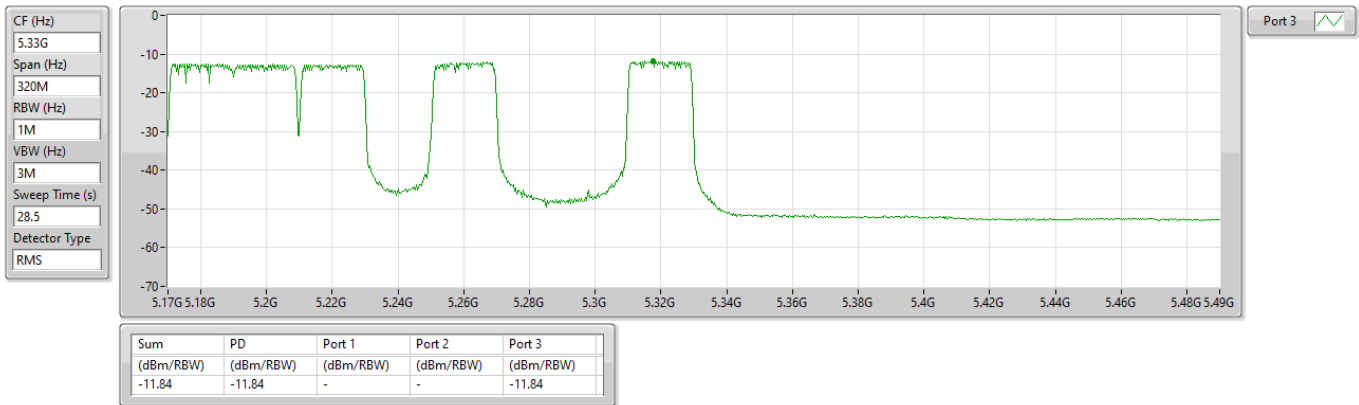


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

28/06/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	-11.87
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-9.53
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	-12.04

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



**PSD_Non-Beamforming_
Radio 2_Patch Array_2T1S_Multi-RU**

Appendix D.11

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-	-	-	-	-	-
5290MHz	Pass	16.01	-12.31	-12.28	-9.53	0.99
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.01	-14.35	-15.25	-11.87	6.99
5250MHz Straddle 5.25-5.35GHz	Pass	16.01	-15.15	-14.49	-12.04	0.99

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.

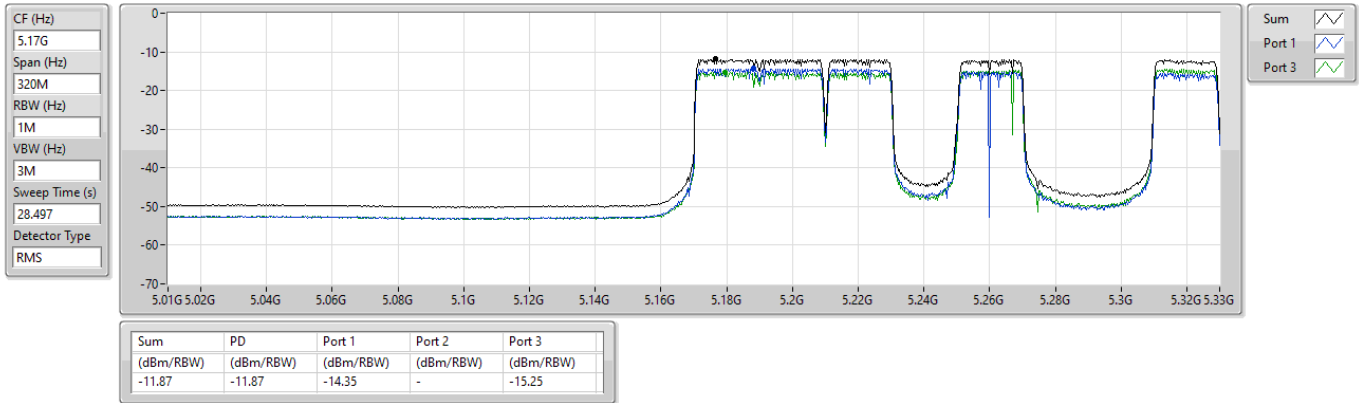


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

30/06/2025

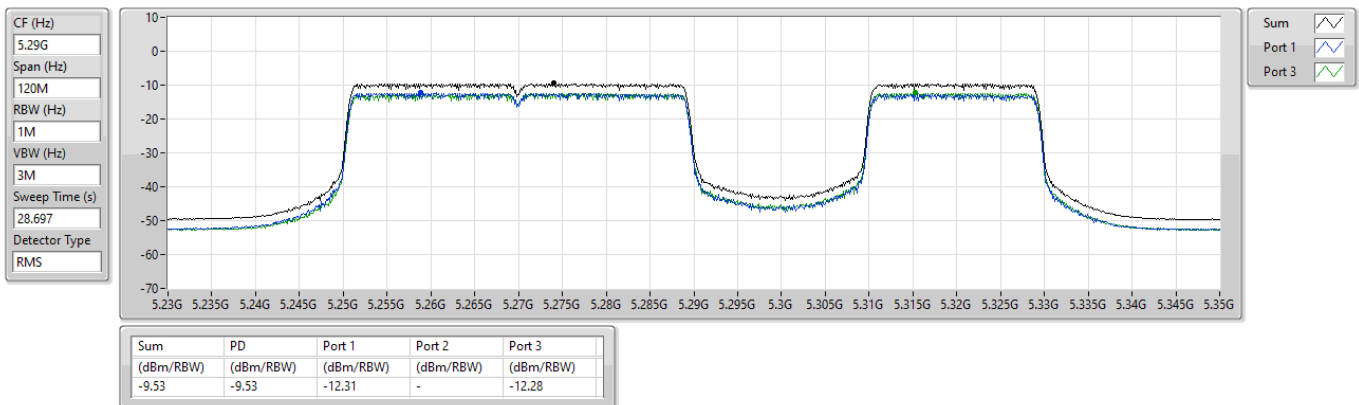


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)

PSD

5290MHz

30/06/2025



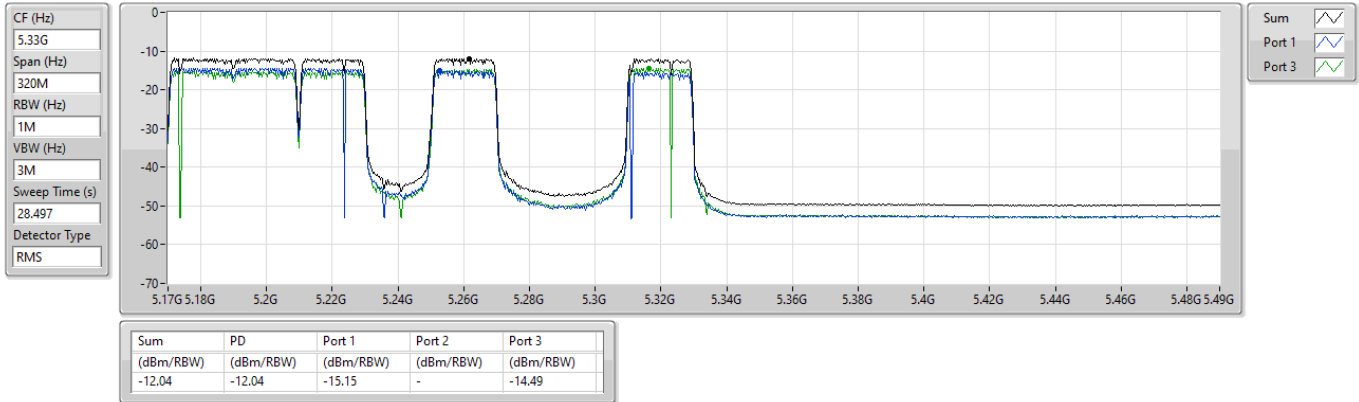


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

30/06/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-11.81
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-9.27
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-12.09

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	19.02	-14.96	-15.03	-15.00	-14.64	-9.27	-2.02
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	19.02	-17.28	-18.02	-17.80	-17.58	-11.81	3.98
5250MHz Straddle 5.25-5.35GHz	Pass	19.02	-18.18	-18.09	-16.92	-18.09	-12.09	-2.02

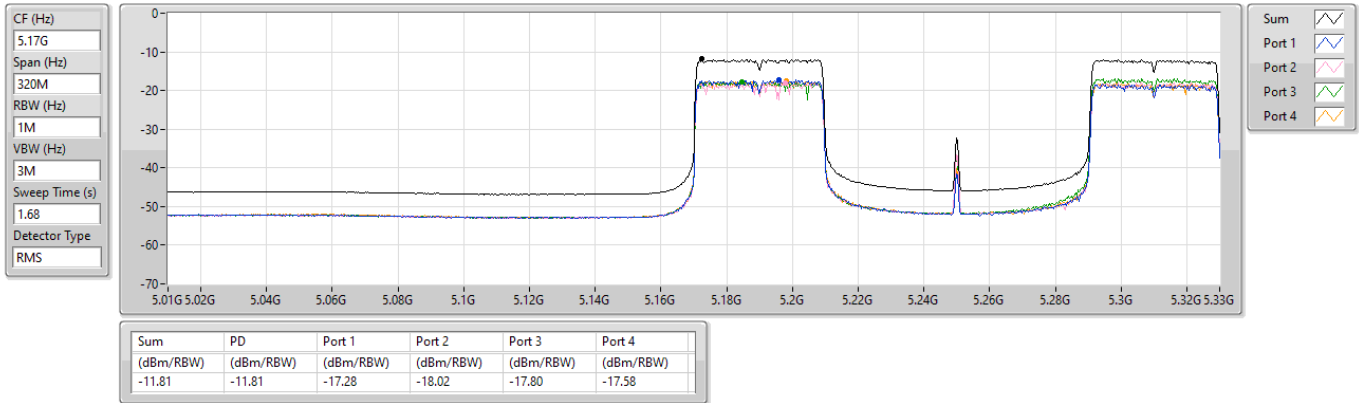
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

01/07/2025

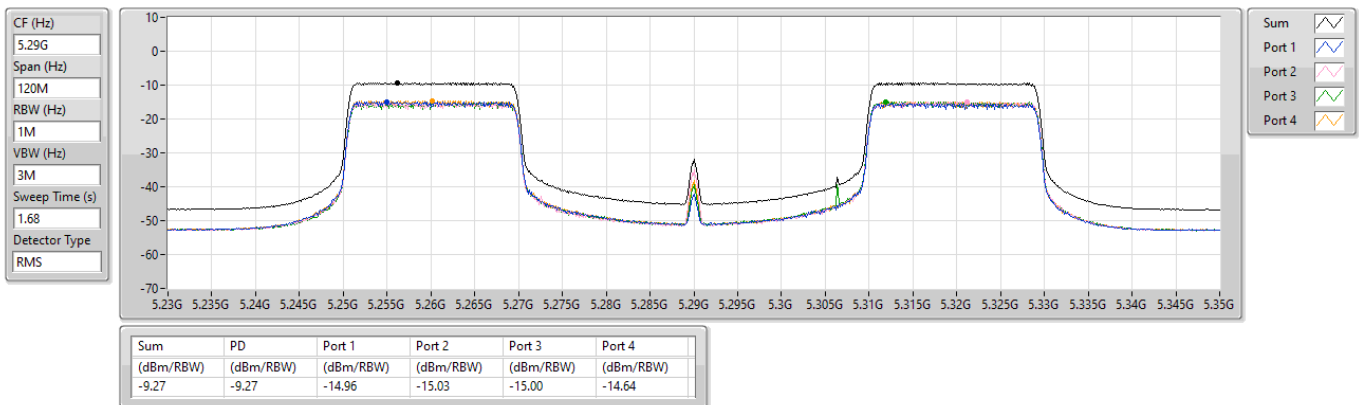


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5290MHz

30/06/2025



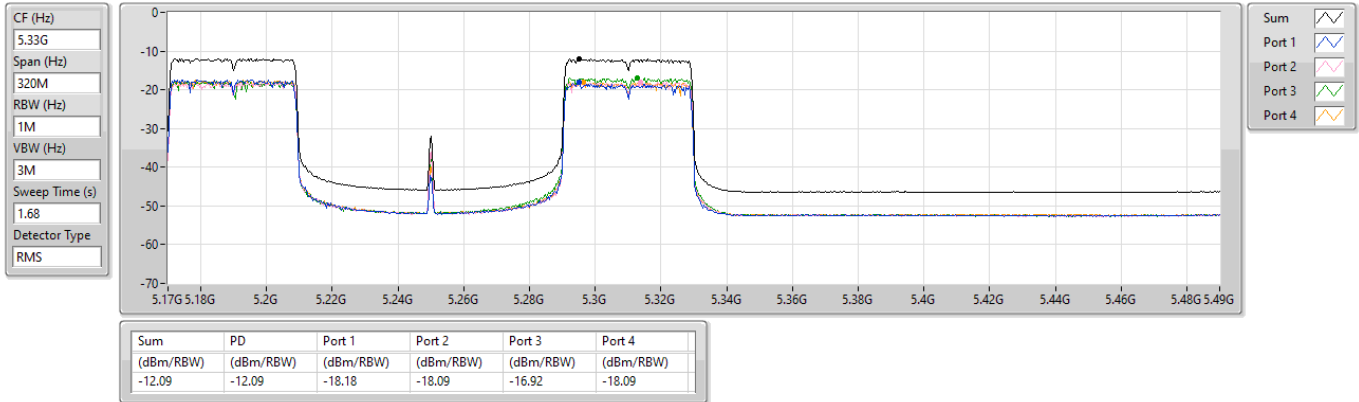


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

01/07/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-7.41
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	-2.95
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-6.90

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Channel Puncturing**

Appendix D.13

Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	-	-	-	-	-
5290MHz	Pass	3.70	-2.95	-2.95	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.70	-7.54	-7.54	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.70	-7.41	-7.41	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	3.70	-7.02	-7.02	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	3.70	-6.90	-6.90	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.

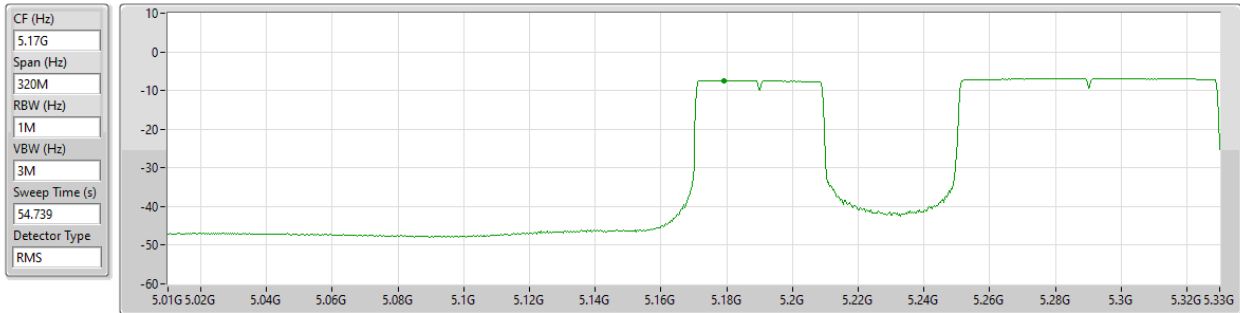


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

21/06/2025



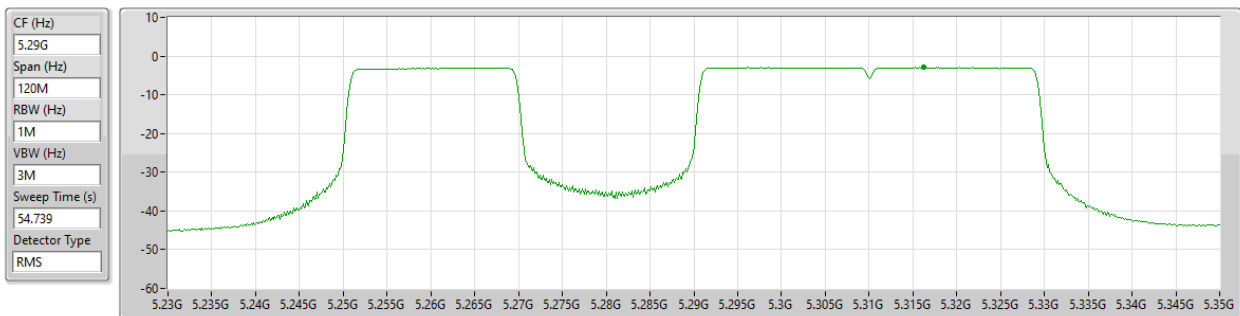
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.41	-7.41	-	-	-7.41

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)

PSD

5290MHz

21/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.95	-2.95	-	-	-2.95

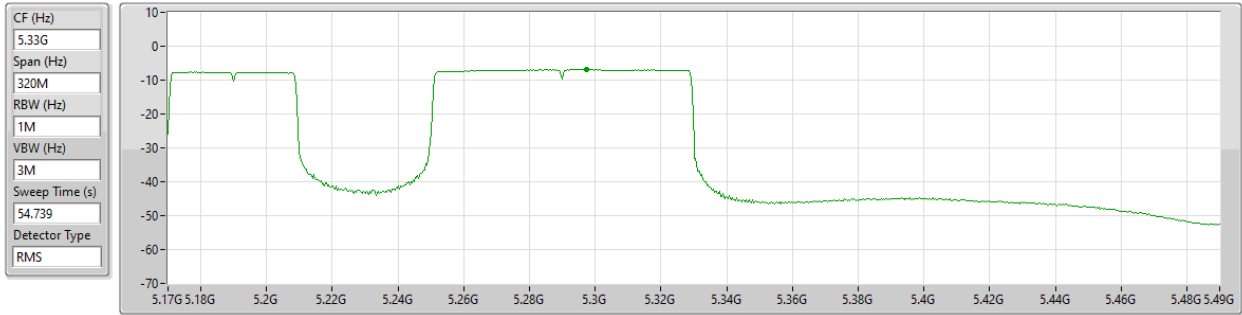


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

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Sum	PD	Port 1	Port 2	Port 3
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-6.90	-6.90	-	-	-6.90



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-8.96
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-3.19
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-9.13

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-	-	-	-	-	-
5290MHz	Pass	6.71	-5.97	-6.17	-3.19	10.29
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.71	-11.72	-12.32	-9.07	16.29
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.71	-11.54	-12.32	-8.96	16.29
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	6.71	-12.65	-11.82	-9.38	10.29
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	6.71	-12.49	-11.67	-9.13	10.29

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.

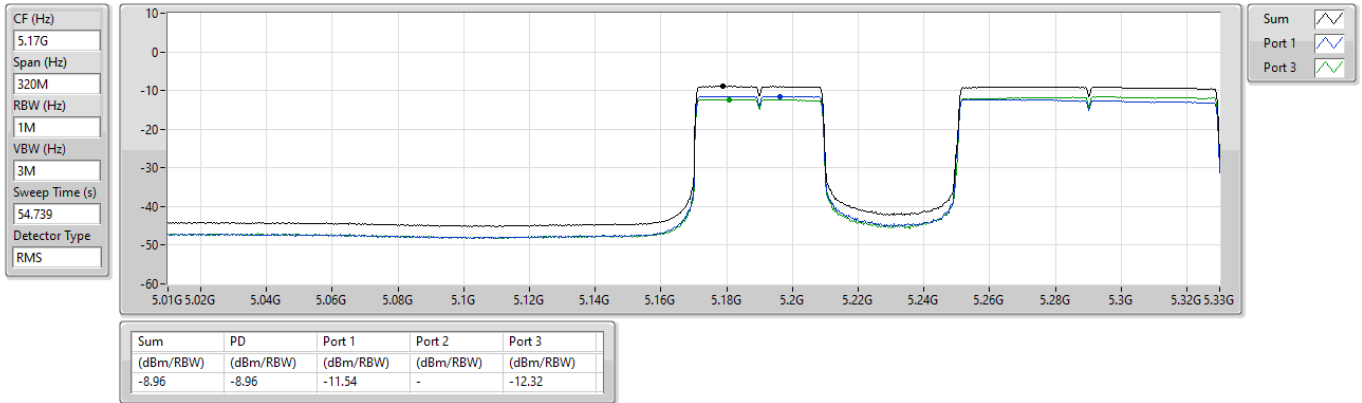


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

20/06/2025

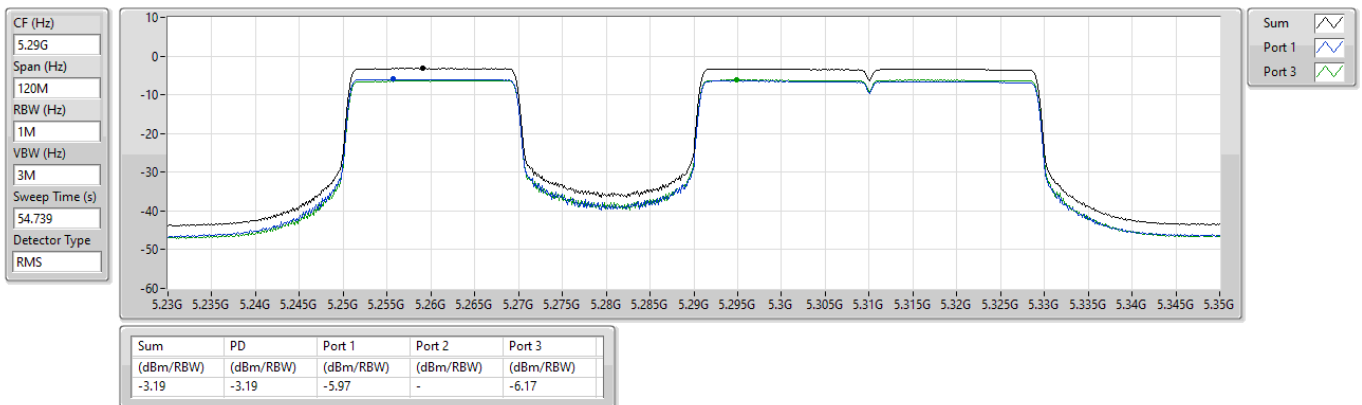


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)

PSD

5290MHz

01/07/2025



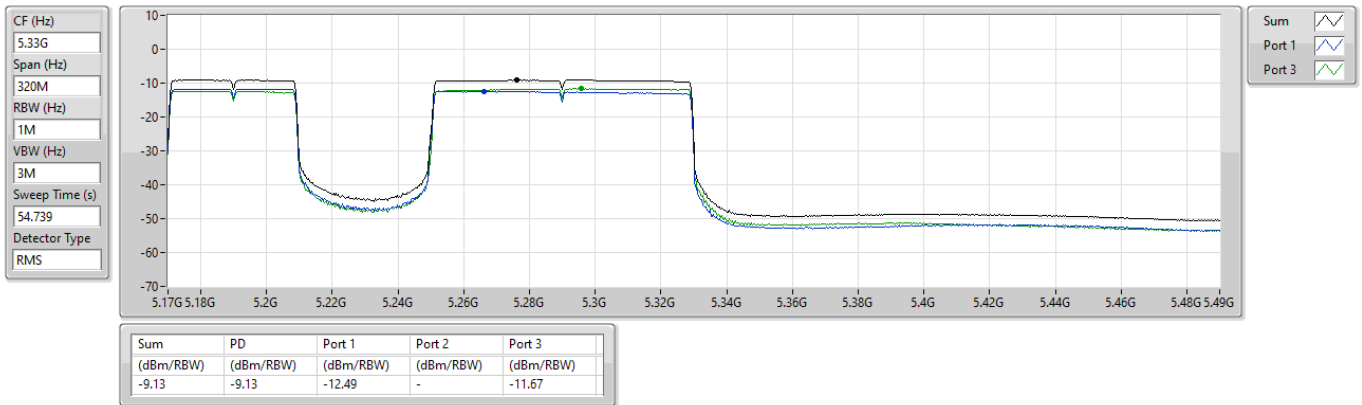


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

20/06/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-8.10
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-4.68
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-8.37

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_4T1S_Channel Puncturing**

Appendix D.15

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.72	-10.56	-10.67	-10.76	-10.19	-4.68	7.28
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.72	-14.29	-14.54	-15.11	-14.39	-8.66	13.28
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.72	-13.61	-13.94	-14.49	-13.84	-8.10	13.28
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	9.72	-15.07	-15.00	-14.47	-14.70	-8.98	7.28
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	9.72	-14.54	-14.45	-13.99	-13.96	-8.37	7.28

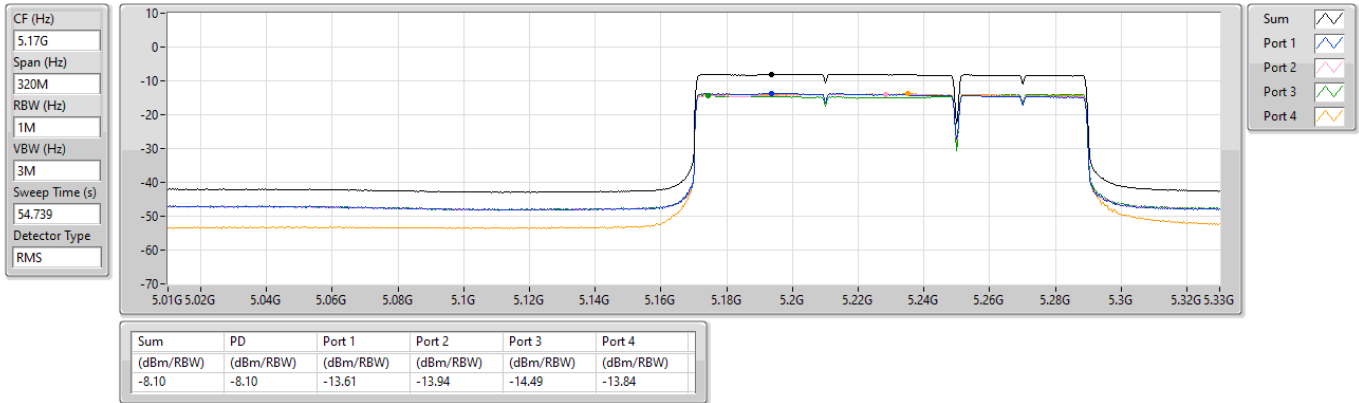
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

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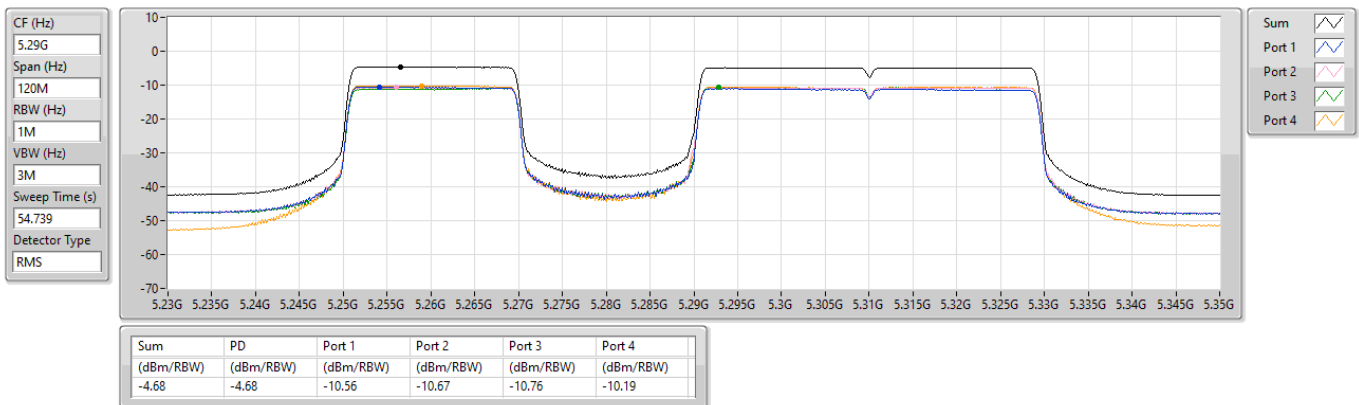


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX

PSD

5290MHz

20/06/2025



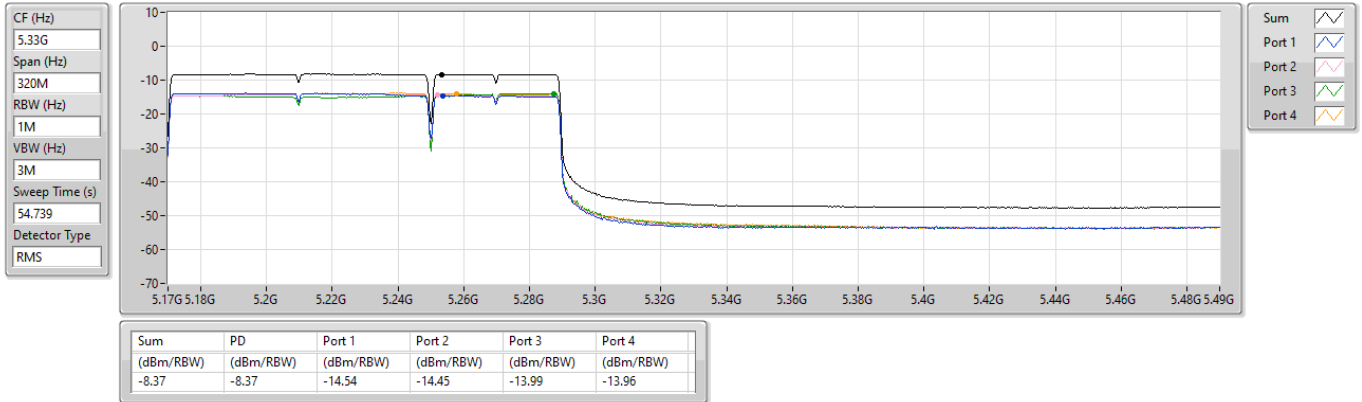


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

20/06/2025





Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-13.11
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	-8.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-12.44

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



**PSD_Non-Beamforming_
Radio 2_Patch Array_1T1S_Channel Puncturing**

Appendix D.16

Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	-	-	-	-	-
5290MHz	Pass	13.00	-8.00	-8.00	4.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.00	-13.15	-13.15	10.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	13.00	-13.11	-13.11	10.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	13.00	-12.62	-12.62	4.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	13.00	-12.44	-12.44	4.00

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.



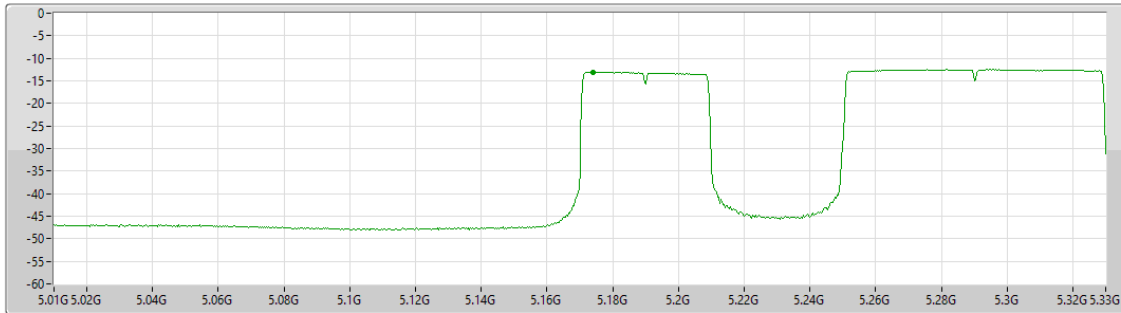
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

23/06/2025

CF (Hz)
5.17G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.11	-13.11	-	-	-13.11

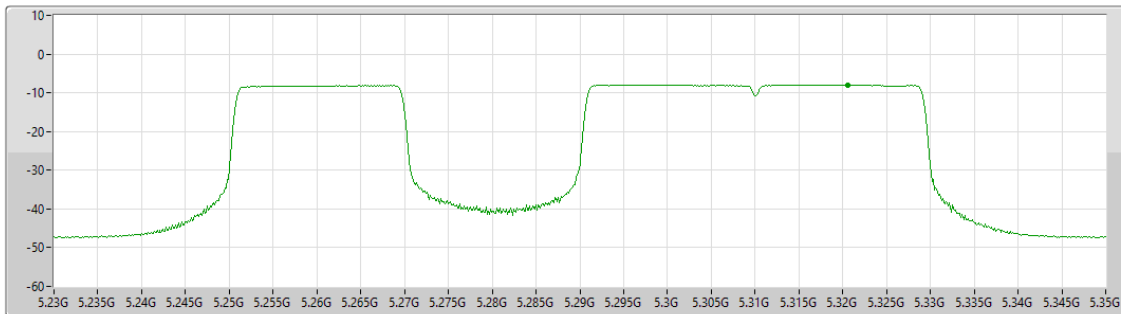
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)

PSD

5290MHz

23/06/2025

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.00	-8.00	-	-	-8.00

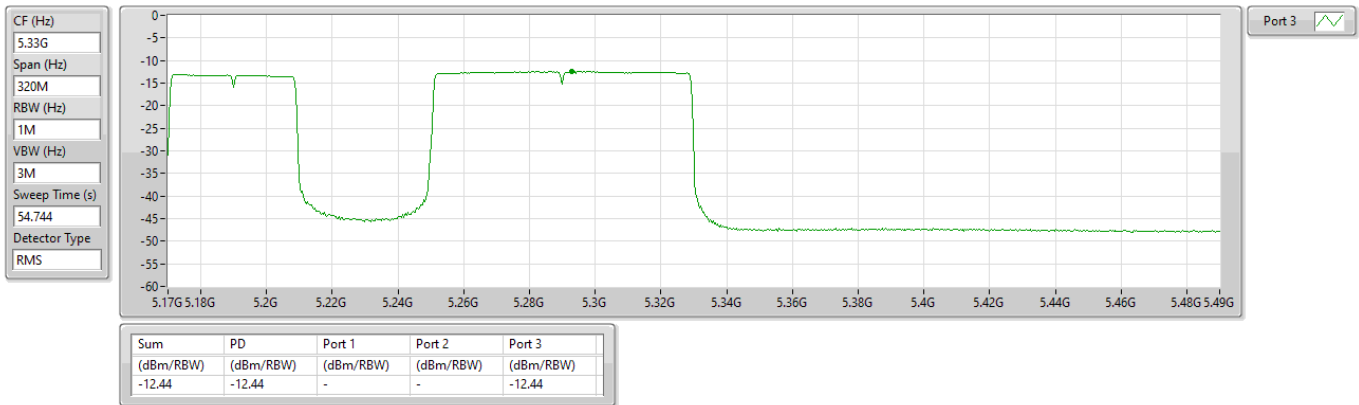


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

23/06/2025





**PSD_Non-Beamforming_
Radio 2_Patch Array_2T1S_Channel Puncturing**

Appendix D.17

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-12.10
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-9.23
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-12.11

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



**PSD_Non-Beamforming_
Radio 2_Patch Array_2T1S_Channel Puncturing**

Appendix D.17

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-	-	-	-	-	-
5290MHz	Pass	16.01	-11.97	-11.96	-9.23	0.99
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.01	-15.04	-15.89	-12.48	6.99
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.01	-14.56	-15.64	-12.10	6.99
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	16.01	-15.77	-15.32	-12.71	0.99
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	16.01	-15.09	-14.75	-12.11	0.99

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.

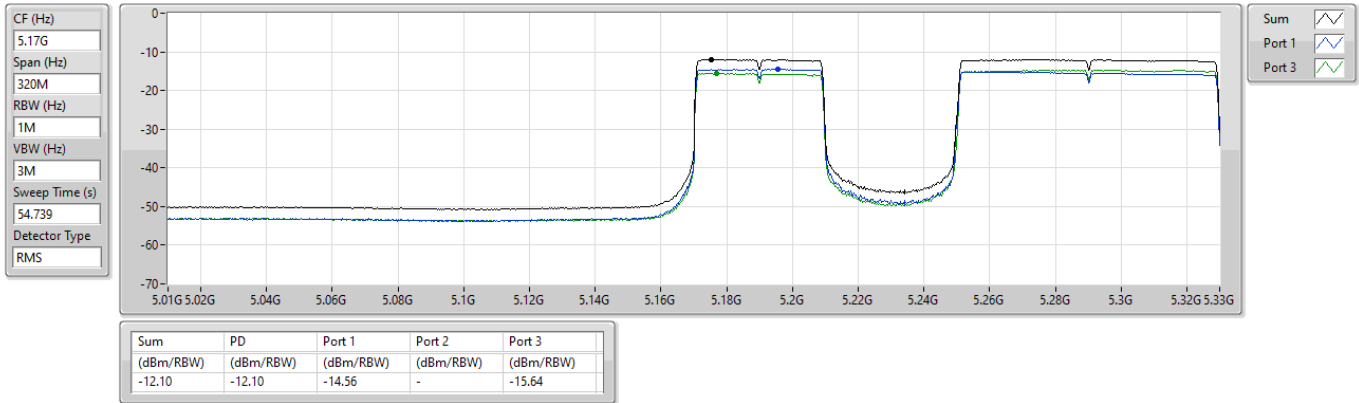


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.15-5.25GHz

21/06/2025

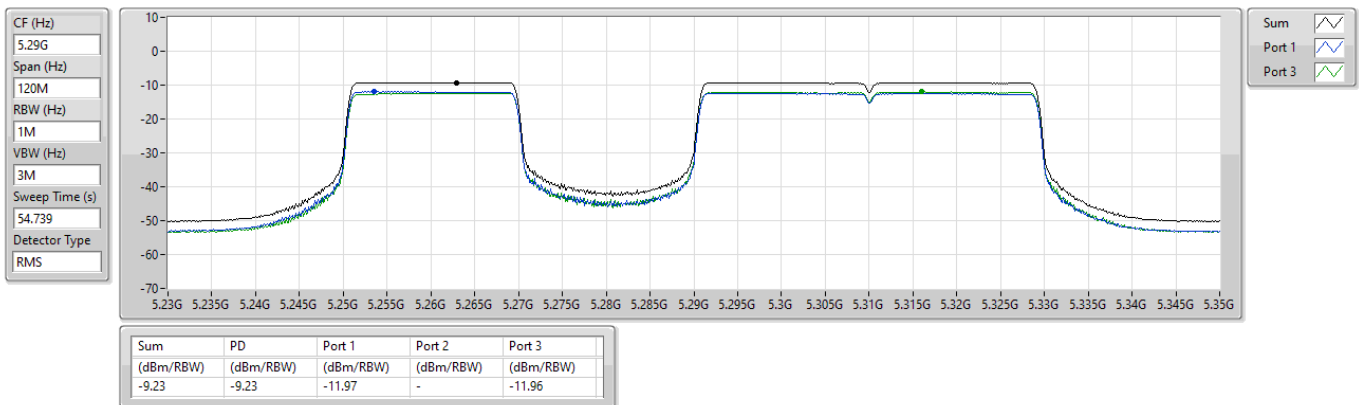


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)

PSD

5290MHz

21/06/2025



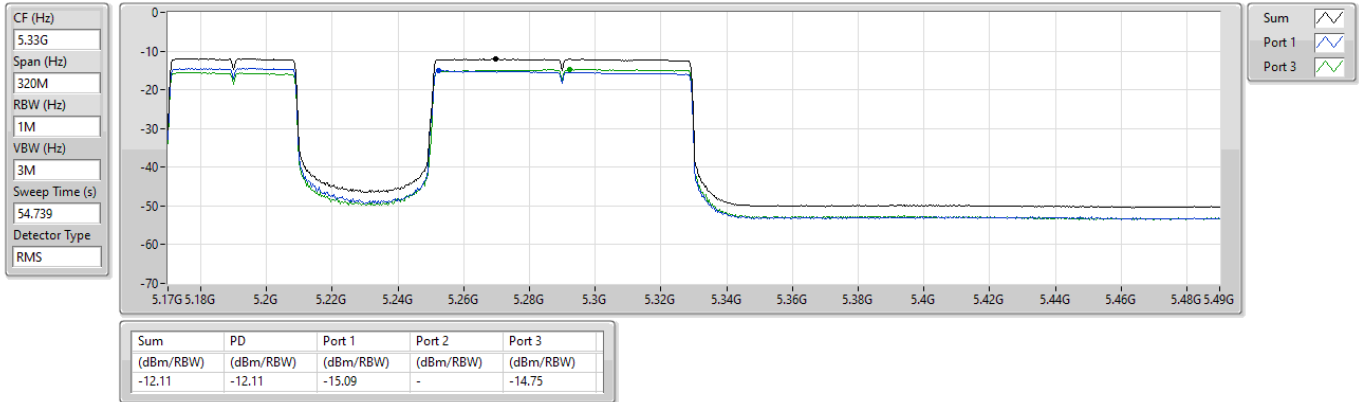


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)

PSD

5250MHz Straddle 5.25-5.35GHz

21/06/2025





**PSD_Non-Beamforming_
Radio 2_Patch Array_4T1S_Channel Puncturing**

Appendix D.18

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-13.38
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-10.14
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-13.58

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



**PSD_Non-Beamforming_
Radio 2_Patch Array_4T1S_Channel Puncturing**

Appendix D.18

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	19.02	-15.84	-16.16	-16.09	-15.76	-10.14	-2.02
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	19.02	-19.64	-20.15	-20.18	-20.06	-14.08	3.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	19.02	-18.94	-19.47	-19.47	-19.22	-13.38	3.98
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	19.02	-20.50	-20.57	-19.45	-20.18	-14.35	-2.02
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	19.02	-20.01	-19.83	-18.65	-19.82	-13.58	-2.02

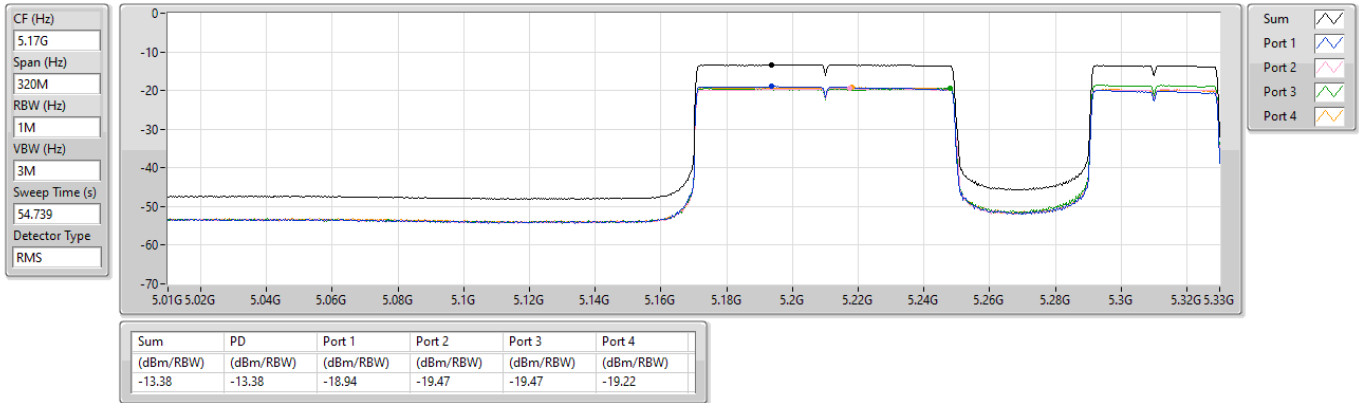
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

21/06/2025

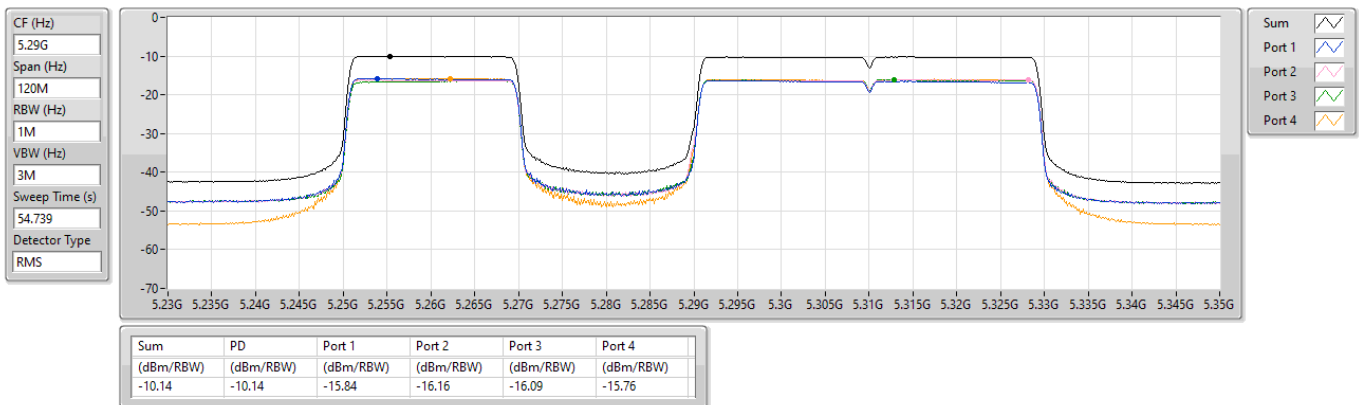


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX

PSD

5290MHz

21/06/2025



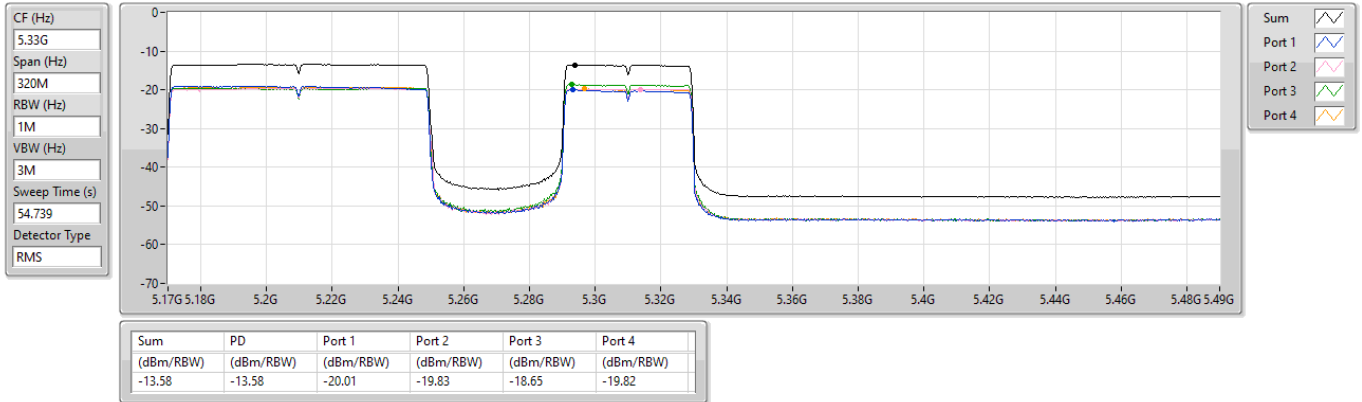


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

21/06/2025





Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	3.00
802.11ax HEW20_Nss1,(MCS0)_1TX	2.04

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	3.70	2.33	2.33	11.00
5300MHz	Pass	3.70	3.00	3.00	11.00
5320MHz	Pass	3.70	2.72	2.72	11.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	3.70	1.50	1.50	11.00
5300MHz	Pass	3.70	2.04	2.04	11.00
5320MHz	Pass	3.70	1.86	1.86	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

5300MHz

18/06/2025

CF (Hz)
5.3G

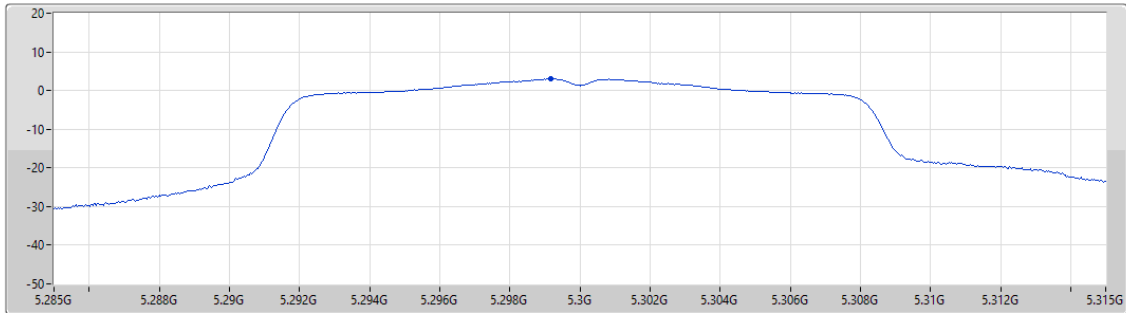
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.15

Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.00	3.00	3.00

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

PSD

5300MHz

18/06/2025

CF (Hz)
5.3G

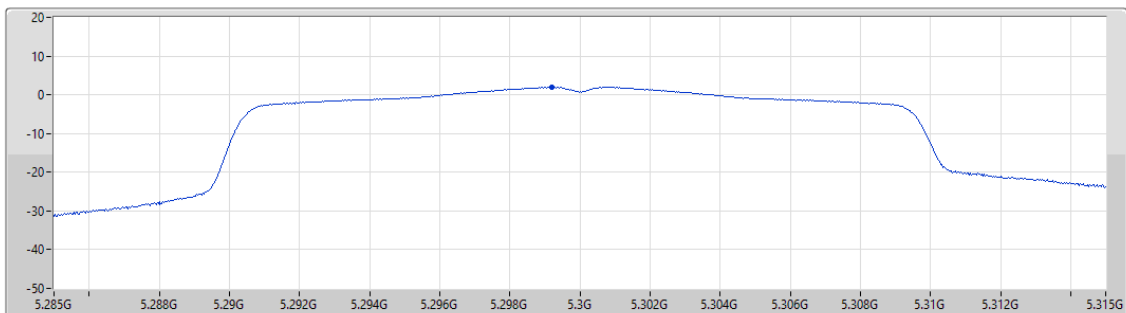
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.673

Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.04	2.04	2.04



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	3.00
802.11ax HEW20_Nss1,(MCS0)_1TX	2.04

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	13.00	2.33	2.33	4.00
5300MHz	Pass	13.00	3.00	3.00	4.00
5320MHz	Pass	13.00	0.92	0.92	4.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	13.00	1.50	1.50	4.00
5300MHz	Pass	13.00	2.04	2.04	4.00
5320MHz	Pass	13.00	-0.39	-0.39	4.00

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

5300MHz

18/06/2025

CF (Hz)
5.3G

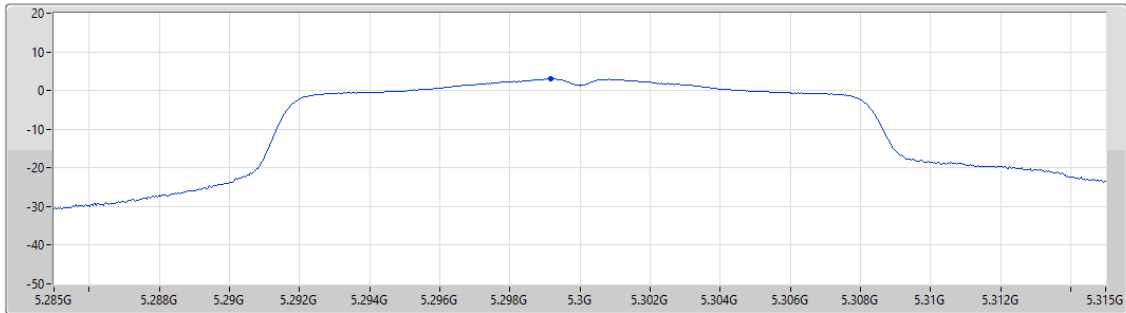
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.15

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.00	3.00	3.00

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

PSD

5300MHz

18/06/2025

CF (Hz)
5.3G

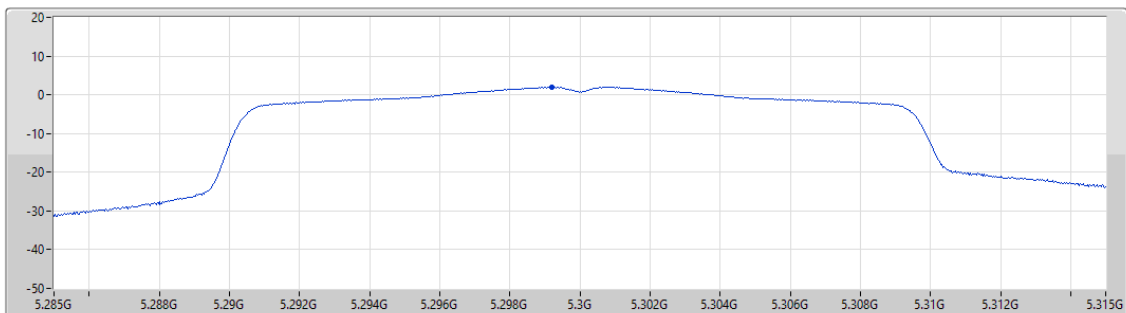
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.673

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.04	2.04	2.04



Summary

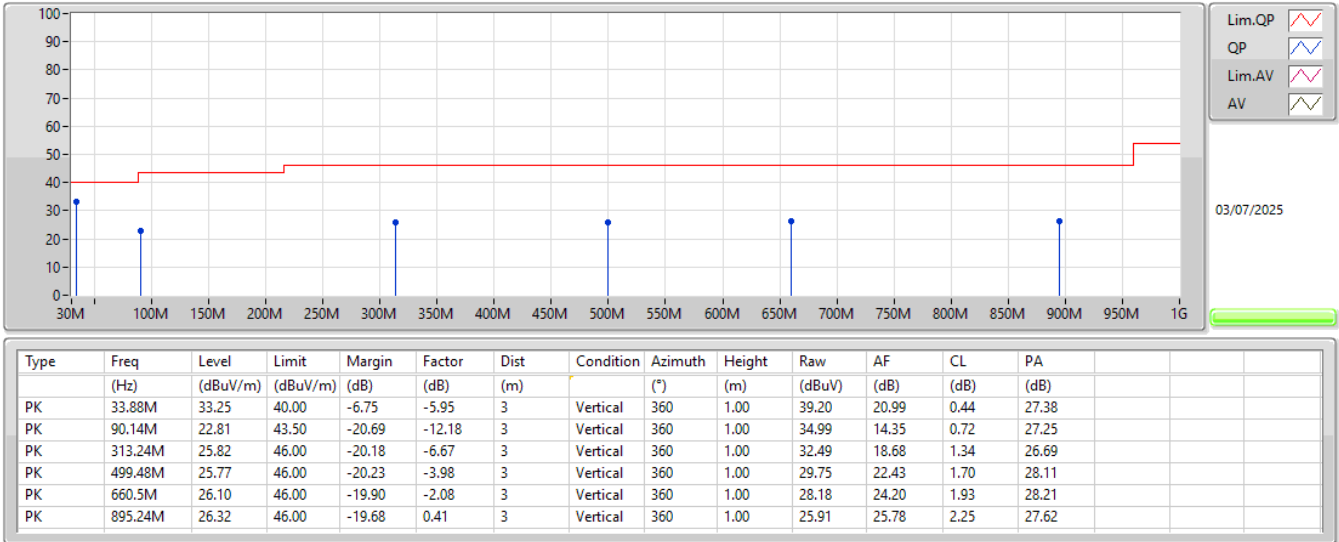
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_4TX	Pass	PK	33.88M	34.06	40.00	-5.94	3	Horizontal	0	1.00

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)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_PoE	Pass	PK	33.88M	33.25	40.00	-6.75	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	90.14M	22.81	43.50	-20.69	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	313.24M	25.82	46.00	-20.18	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	499.48M	25.77	46.00	-20.23	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	660.5M	26.10	46.00	-19.90	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	895.24M	26.32	46.00	-19.68	3	Vertical	360	1.00
5290MHz_PoE	Pass	PK	33.88M	34.06	40.00	-5.94	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	90.14M	27.34	43.50	-16.16	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	319.06M	31.30	46.00	-14.70	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	489.78M	32.96	46.00	-13.04	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	546.04M	31.81	46.00	-14.19	3	Horizontal	0	1.00
5290MHz_PoE	Pass	PK	749.74M	32.17	46.00	-13.83	3	Horizontal	0	1.00

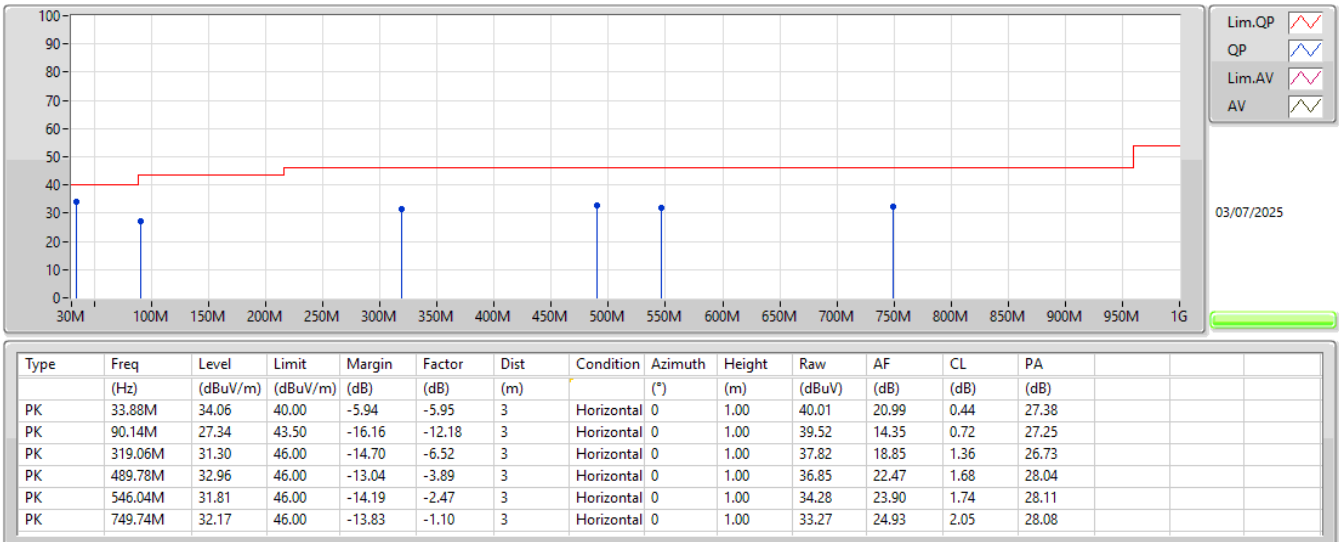
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5290MHz_PoE



5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

5290MHz_PoE





Summary

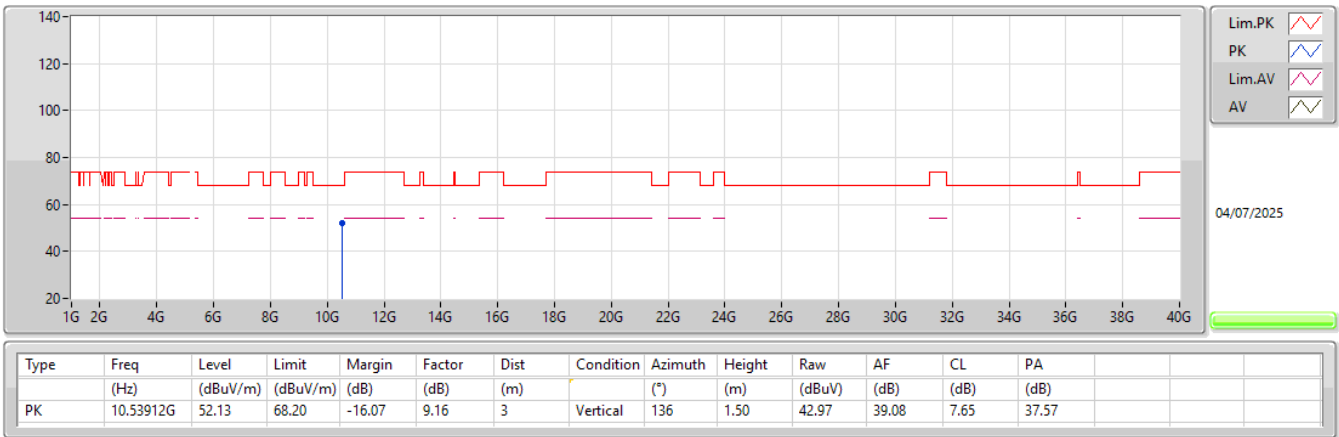
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	PK	10.53912G	52.13	68.20	-16.07	3	Vertical	136	1.50

**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)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	PK	10.53912G	52.13	68.20	-16.07	3	Vertical	136	1.50
5270MHz	Pass	PK	10.53352G	50.92	68.20	-17.28	3	Horizontal	260	2.62

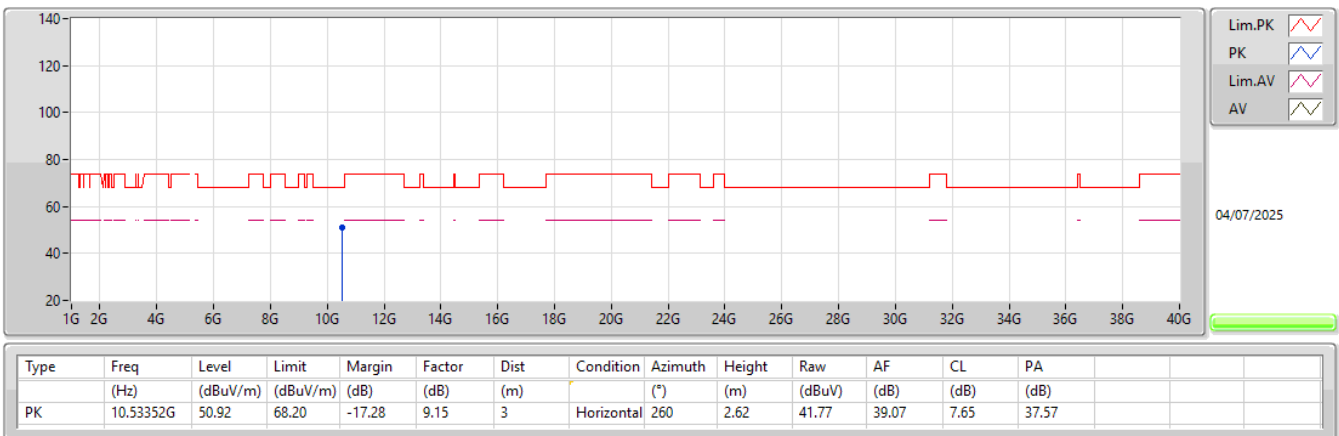
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5270MHz_TX



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

5270MHz_TX



**Summary**

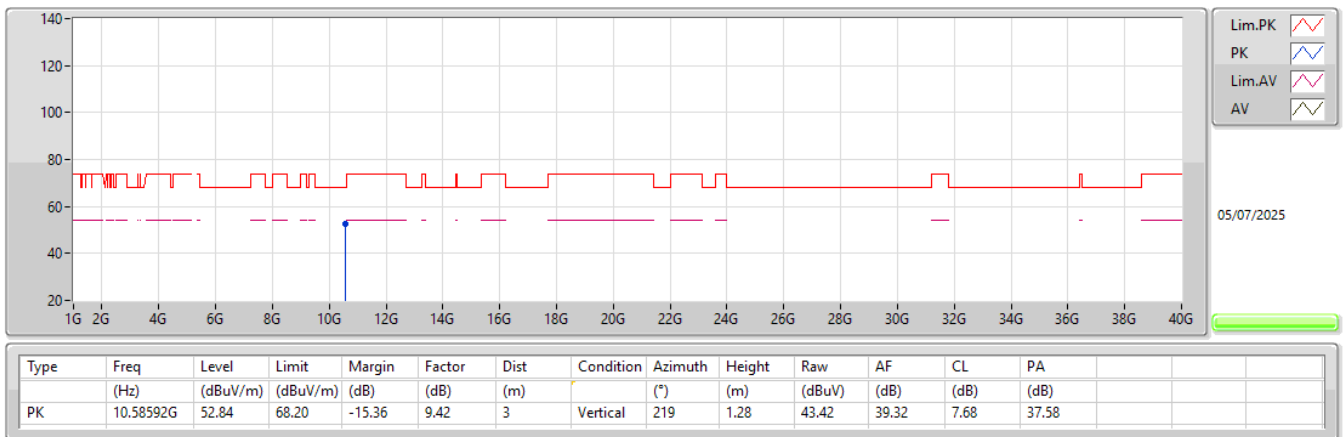
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	Pass	PK	10.58592G	52.84	68.20	-15.36	3	Vertical	219	1.28

**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),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	PK	10.58592G	52.84	68.20	-15.36	3	Vertical	219	1.28
5290MHz	Pass	PK	10.57616G	52.06	68.20	-16.14	3	Horizontal	180	1.50

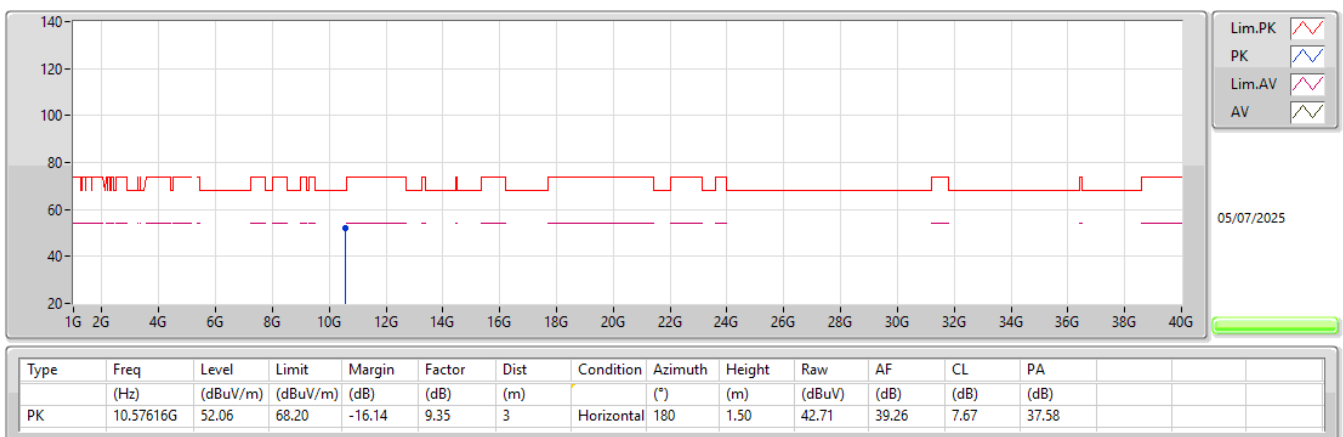
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

5290MHz_TX



5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

5290MHz_TX





**RSE TX above 1GHz_Non-Beamforming_
Radio 2_Channel Puncturing**

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 EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	Pass	PK	10.59248G	52.30	68.20	-15.90	3	Vertical	184	1.87



**RSE TX above 1GHz_Non-Beamforming_
Radio 2_Channel Puncturing**

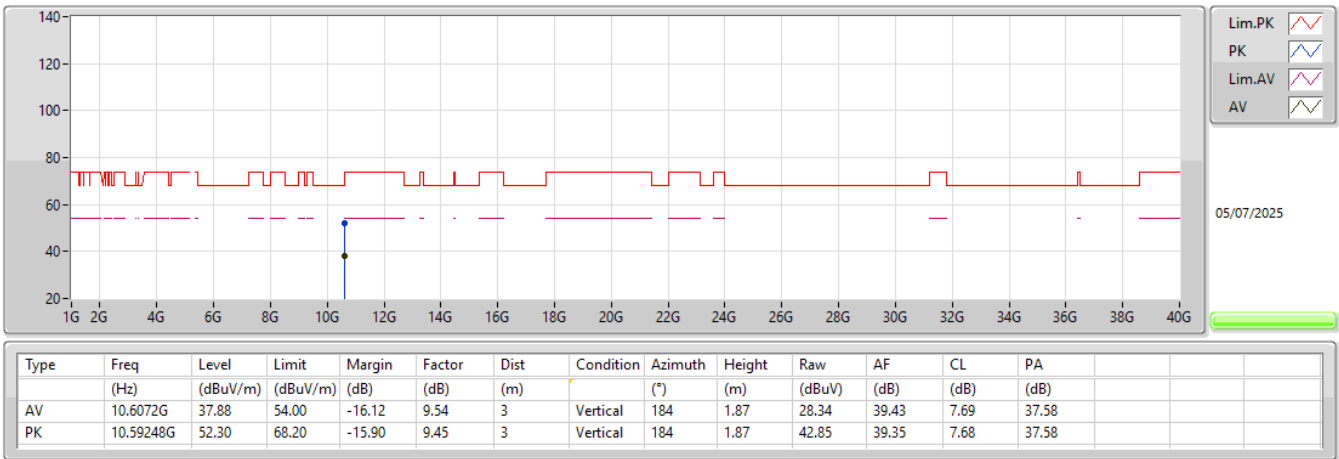
Appendix E.4

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	10.6072G	37.88	54.00	-16.12	3	Vertical	184	1.87
5290MHz	Pass	PK	10.59248G	52.30	68.20	-15.90	3	Vertical	184	1.87
5290MHz	Pass	AV	10.608G	37.89	54.00	-16.11	3	Horizontal	354	2.49
5290MHz	Pass	PK	10.60416G	52.63	74.00	-21.37	3	Horizontal	354	2.49

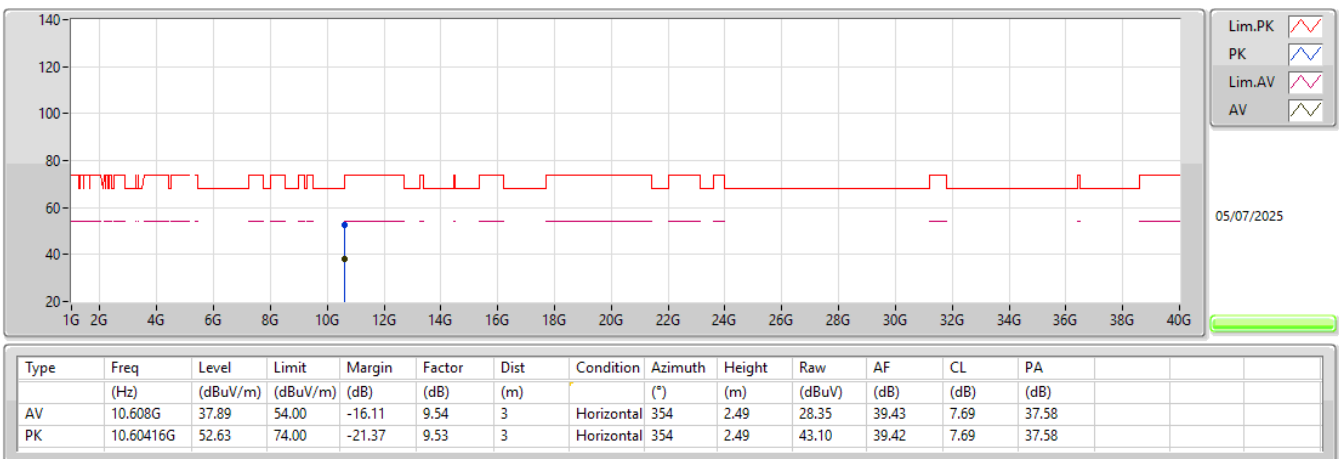
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX

5290MHz_TX



5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX

5290MHz_TX





Summary

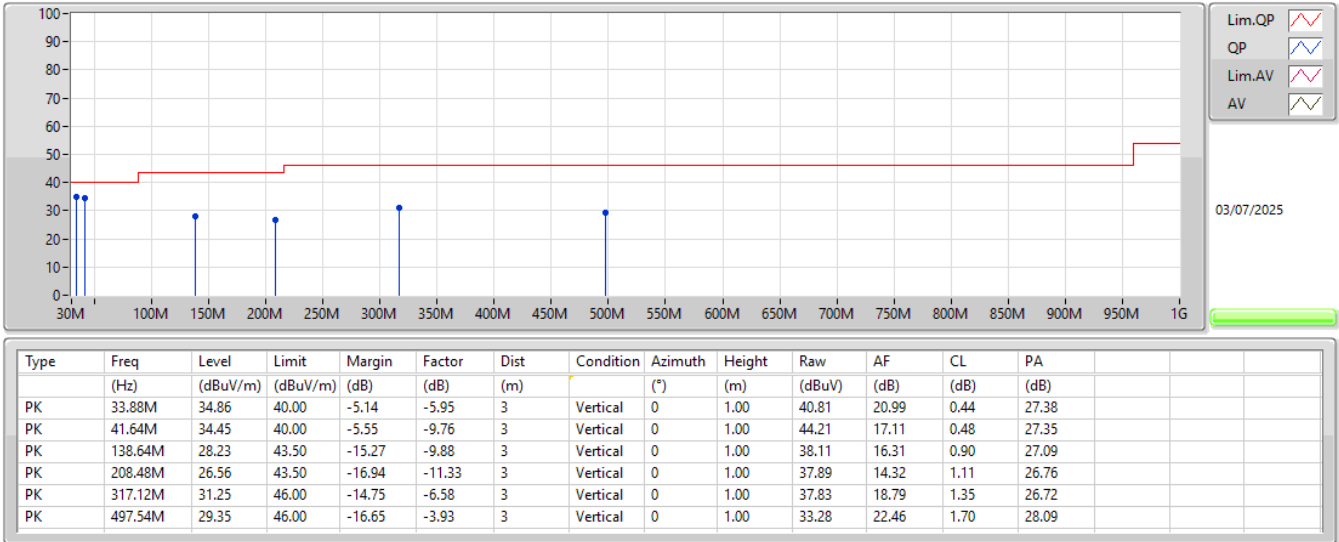
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	PK	33.88M	34.86	40.00	-5.14	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5300MHz_PoE	Pass	PK	33.88M	34.86	40.00	-5.14	3	Vertical	0	1.00
5300MHz_PoE	Pass	PK	41.64M	34.45	40.00	-5.55	3	Vertical	0	1.00
5300MHz_PoE	Pass	PK	138.64M	28.23	43.50	-15.27	3	Vertical	0	1.00
5300MHz_PoE	Pass	PK	208.48M	26.56	43.50	-16.94	3	Vertical	0	1.00
5300MHz_PoE	Pass	PK	317.12M	31.25	46.00	-14.75	3	Vertical	0	1.00
5300MHz_PoE	Pass	PK	497.54M	29.35	46.00	-16.65	3	Vertical	0	1.00
5300MHz_PoE	Pass	PK	41.64M	23.29	40.00	-16.71	3	Horizontal	360	1.00
5300MHz_PoE	Pass	PK	123.12M	30.16	43.50	-13.34	3	Horizontal	360	1.00
5300MHz_PoE	Pass	PK	138.64M	31.44	43.50	-12.06	3	Horizontal	360	1.00
5300MHz_PoE	Pass	PK	206.54M	33.75	43.50	-9.75	3	Horizontal	360	1.00
5300MHz_PoE	Pass	PK	315.18M	33.79	46.00	-12.21	3	Horizontal	360	1.00
5300MHz_PoE	Pass	PK	542.16M	33.80	46.00	-12.20	3	Horizontal	360	1.00

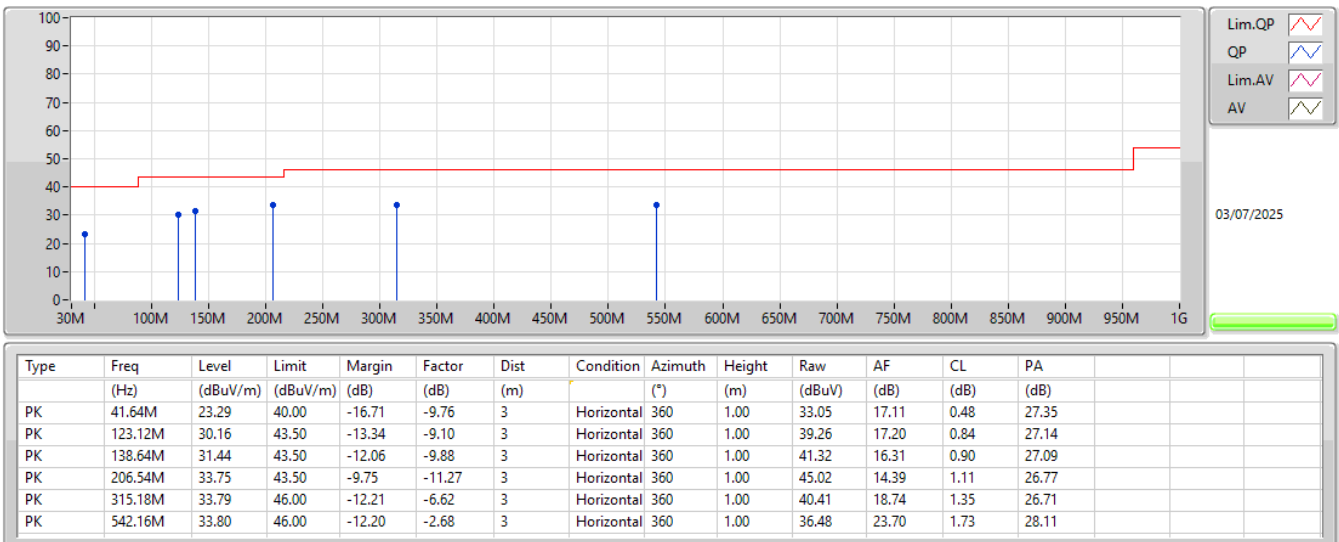
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

5300MHz_PoE



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

5300MHz_PoE





Summary

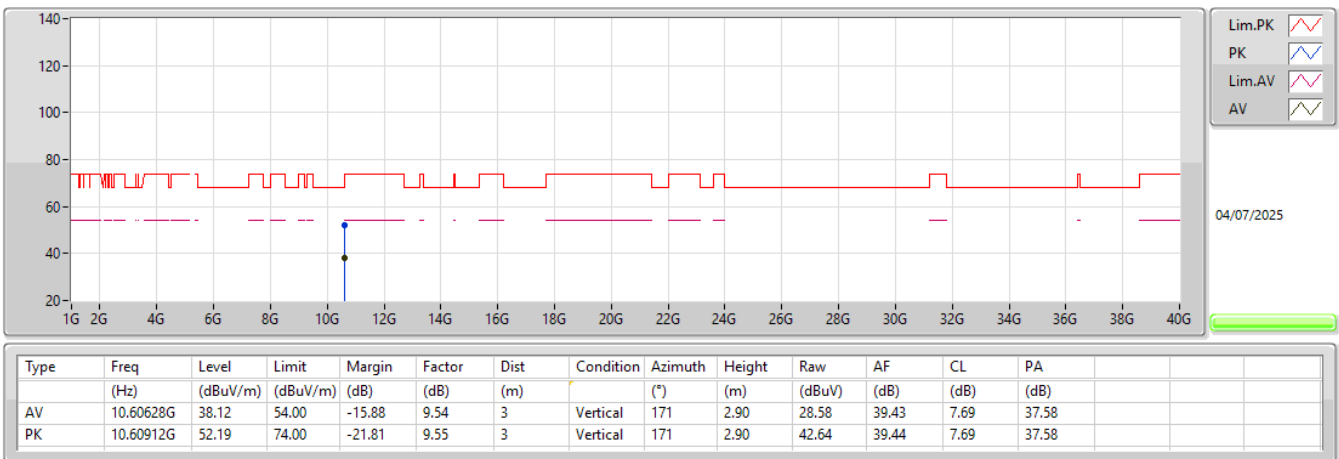
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	10.60628G	38.12	54.00	-15.88	3	Vertical	171	2.90

**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	10.60628G	38.12	54.00	-15.88	3	Vertical	171	2.90
5300MHz	Pass	PK	10.60912G	52.19	74.00	-21.81	3	Vertical	171	2.90
5300MHz	Pass	AV	10.60648G	38.12	54.00	-15.88	3	Horizontal	205	2.99
5300MHz	Pass	PK	10.59088G	51.53	68.20	-16.67	3	Horizontal	205	2.99

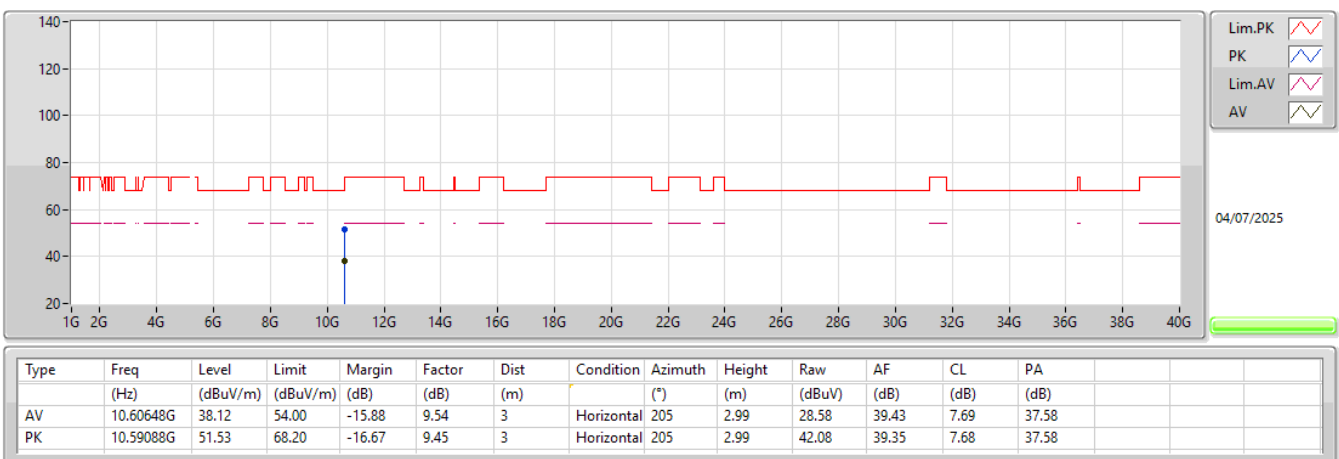
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



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

5300MHz_TX





CSE Bandedge_Non-Beamforming_ Radio 2_Downtilt Panel Omni_1T1S_Full RU

Appendix E.7

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	Pass	4.83G	5.67G	AV	5.3718G	3.70	-45.01	-45.01	-41.31	-41.20	-0.11
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	Pass	5.11G	5.39G	AV	5.35024G	3.70	-53.27	-53.27	-49.57	-41.20	-8.37
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	Pass	5.11G	5.39G	AV	5.35164G	3.70	-50.56	-50.56	-46.86	-41.20	-5.66
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	Pass	5.07G	5.43G	AV	5.35008G	3.70	-45.05	-45.05	-41.35	-41.20	-0.15
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	Pass	4.99G	5.51G	AV	5.35036G	3.70	-45.13	-45.13	-41.43	-41.20	-0.23

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



CSE Bandedge_Non-Beamforming_ Radio 2_Downtilt Panel Omni_1T1S_Full RU

Appendix E.7

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.11G	5.39G	AV	5.14892G	3.70	-61.85	-61.85	-58.15	-41.20	-16.95
5260MHz	Pass	5.11G	5.39G	AV	5.3508G	3.70	-60.43	-60.43	-56.73	-41.20	-15.53
5260MHz	Pass	5.11G	5.39G	PK	5.14528G	3.70	-49.80	-49.80	-46.10	-21.20	-24.90
5260MHz	Pass	5.11G	5.39G	PK	5.35374G	3.70	-49.09	-49.09	-45.39	-21.20	-24.19
5300MHz	Pass	5.11G	5.39G	AV	5.14962G	3.70	-60.82	-60.82	-57.12	-41.20	-15.92
5300MHz	Pass	5.11G	5.39G	AV	5.35248G	3.70	-59.36	-59.36	-55.66	-41.20	-14.46
5300MHz	Pass	5.11G	5.39G	PK	5.14472G	3.70	-49.95	-49.95	-46.25	-21.20	-25.05
5300MHz	Pass	5.11G	5.39G	PK	5.35024G	3.70	-48.43	-48.43	-44.73	-21.20	-23.53
5320MHz	Pass	5.11G	5.39G	AV	5.14206G	3.70	-64.05	-64.05	-60.35	-41.20	-19.15
5320MHz	Pass	5.11G	5.39G	AV	5.35024G	3.70	-53.27	-53.27	-49.57	-41.20	-8.37
5320MHz	Pass	5.11G	5.39G	PK	5.13688G	3.70	-53.31	-53.31	-49.61	-21.20	-28.41
5320MHz	Pass	5.11G	5.39G	PK	5.35094G	3.70	-41.27	-41.27	-37.57	-21.20	-16.37
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.11G	5.39G	AV	5.14836G	3.70	-61.63	-61.63	-57.93	-41.20	-16.73
5260MHz	Pass	5.11G	5.39G	AV	5.35024G	3.70	-60.69	-60.69	-56.99	-41.20	-15.79
5260MHz	Pass	5.11G	5.39G	PK	5.13562G	3.70	-50.63	-50.63	-46.93	-21.20	-25.73
5260MHz	Pass	5.11G	5.39G	PK	5.35206G	3.70	-49.28	-49.28	-45.58	-21.20	-24.38
5300MHz	Pass	5.11G	5.39G	AV	5.1492G	3.70	-61.24	-61.24	-57.54	-41.20	-16.34
5300MHz	Pass	5.11G	5.39G	AV	5.35136G	3.70	-58.19	-58.19	-54.49	-41.20	-13.29
5300MHz	Pass	5.11G	5.39G	PK	5.1443G	3.70	-49.64	-49.64	-45.94	-21.20	-24.74
5300MHz	Pass	5.11G	5.39G	PK	5.35038G	3.70	-45.06	-45.06	-41.36	-21.20	-20.16
5320MHz	Pass	5.11G	5.39G	AV	5.14836G	3.70	-63.92	-63.92	-60.22	-41.20	-19.02
5320MHz	Pass	5.11G	5.39G	AV	5.35164G	3.70	-50.56	-50.56	-46.86	-41.20	-5.66
5320MHz	Pass	5.11G	5.39G	PK	5.1499G	3.70	-52.95	-52.95	-49.25	-21.20	-28.05
5320MHz	Pass	5.11G	5.39G	PK	5.35346G	3.70	-37.78	-37.78	-34.08	-21.20	-12.88
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.07G	5.43G	AV	5.14938G	3.70	-60.18	-60.18	-56.48	-41.20	-15.28
5270MHz	Pass	5.07G	5.43G	AV	5.35098G	3.70	-56.24	-56.24	-52.54	-41.20	-11.34
5270MHz	Pass	5.07G	5.43G	PK	5.1384G	3.70	-49.11	-49.11	-45.41	-21.20	-24.21
5270MHz	Pass	5.07G	5.43G	PK	5.35206G	3.70	-43.90	-43.90	-40.20	-21.20	-19.00
5310MHz	Pass	5.07G	5.43G	AV	5.14992G	3.70	-61.23	-61.23	-57.53	-41.20	-16.33
5310MHz	Pass	5.07G	5.43G	AV	5.35008G	3.70	-45.05	-45.05	-41.35	-41.20	-0.15
5310MHz	Pass	5.07G	5.43G	PK	5.14326G	3.70	-48.99	-48.99	-45.29	-21.20	-24.09
5310MHz	Pass	5.07G	5.43G	PK	5.35188G	3.70	-32.15	-32.15	-28.45	-21.20	-7.25
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.99G	5.51G	AV	5.1499G	3.70	-59.85	-59.85	-56.15	-41.20	-14.95
5290MHz	Pass	4.99G	5.51G	AV	5.35036G	3.70	-45.13	-45.13	-41.43	-41.20	-0.23
5290MHz	Pass	4.99G	5.51G	PK	5.146G	3.70	-48.11	-48.11	-44.41	-21.20	-23.21
5290MHz	Pass	4.99G	5.51G	PK	5.36154G	3.70	-34.09	-34.09	-30.39	-21.20	-9.19
5290MHz	Pass	4.99G	5.51G	PK	5.46788G	3.70	-49.01	-49.01	-45.31	-27.00	-18.31
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.12358G	3.70	-49.98	-49.98	-46.28	-41.20	-5.08
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	AV	5.3718G	3.70	-45.01	-45.01	-41.31	-41.20	-0.11
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.11812G	3.70	-37.47	-37.47	-33.77	-21.20	-12.57
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.37726G	3.70	-32.53	-32.53	-28.83	-21.20	-7.63
5250MHz Straddle 5.15-5.25GHz	Pass	4.83G	5.67G	PK	5.46504G	3.70	-38.50	-38.50	-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)_1TX(Port3)

CSE Bandedge [PK]

5250MHz Straddle 5.15-5.25GHz

02/07/2025



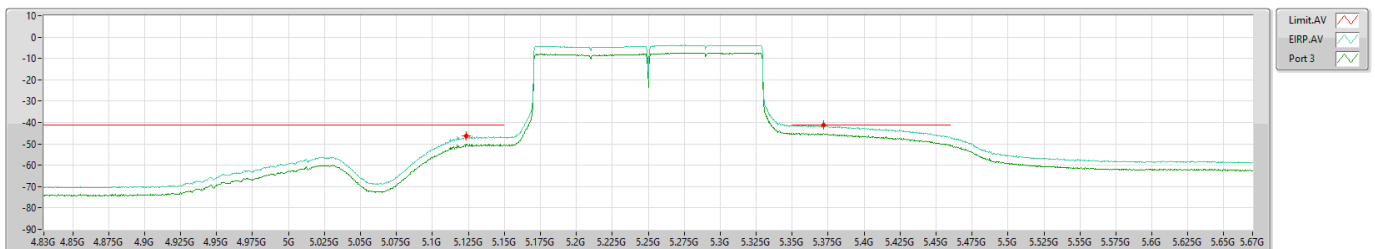
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
4.83G	5.67G	1M	PK	5.11812G	-33.77	-21.20	-12.57	3.70	-37.47	-	-	-37.47
4.83G	5.67G	1M	PK	5.37726G	-28.83	-21.20	-7.63	3.70	-32.53	-	-	-32.53
4.83G	5.67G	1M	PK	5.46504G	-34.80	-27.00	-7.80	3.70	-38.50	-	-	-38.50

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [AV]

5250MHz Straddle 5.15-5.25GHz

02/07/2025



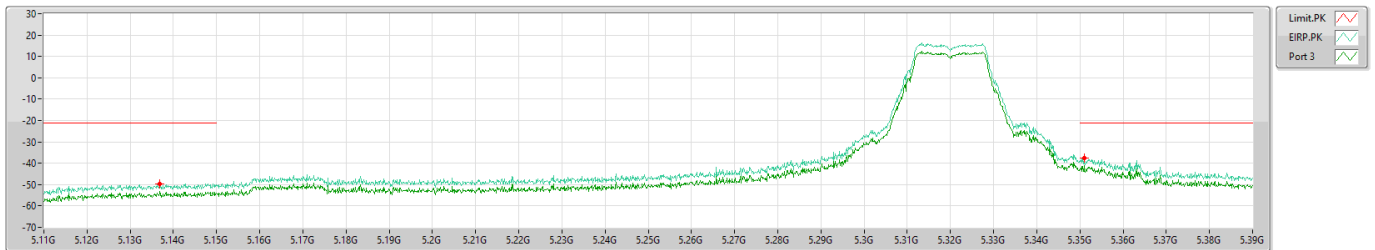
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
4.83G	5.67G	1M	AV	5.12358G	-46.28	-41.20	-5.08	3.70	-49.98	-	-	-49.98
4.83G	5.67G	1M	AV	5.37118G	-41.31	-41.20	-0.11	3.70	-45.01	-	-	-45.01

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

CSE Bandedge [PK]

5320MHz

02/07/2025

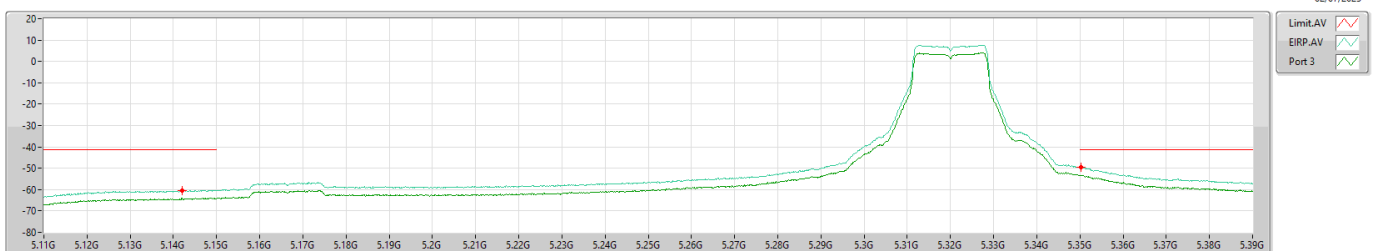


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

CSE Bandedge [AV]

5320MHz

02/07/2025

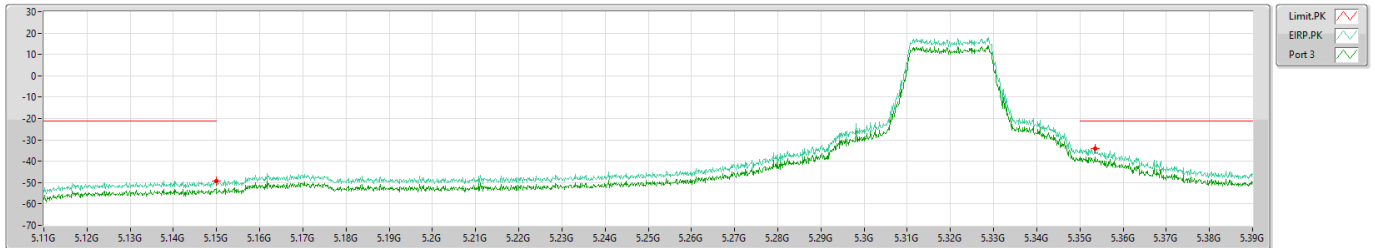


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [PK]

5320MHz

02/07/2025

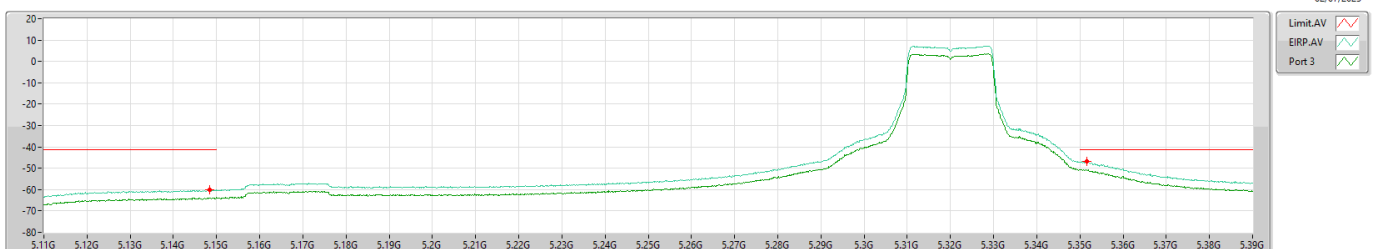


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [AV]

5320MHz

02/07/2025

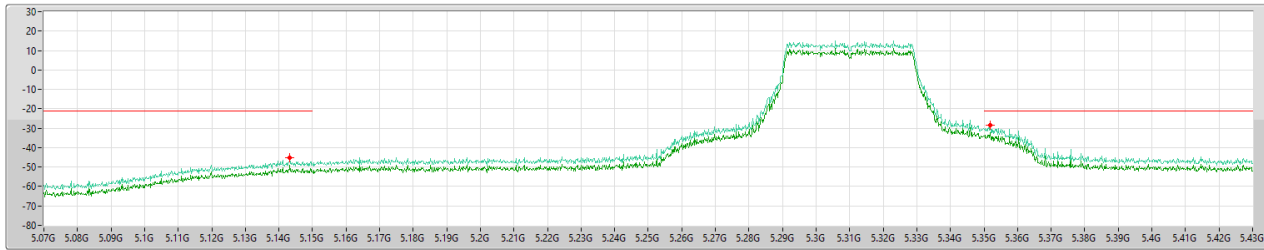


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [PK]

5310MHz

02/07/2025



Limit:PK
ERP:PK
Port 3

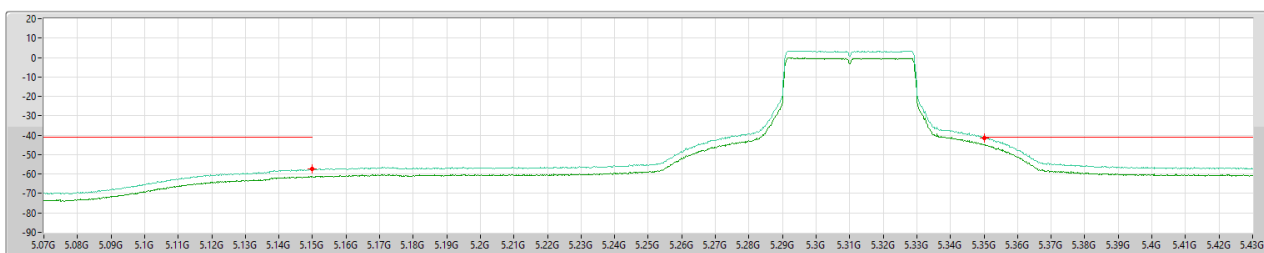
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	ERP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.07G	5.43G	1M	PK	5.14326G	-45.29	-21.20	-24.09	3.70	-48.99	-	-	-48.99
5.07G	5.43G	1M	PK	5.35188G	-28.45	-21.20	-7.25	3.70	-32.15	-	-	-32.15

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [AV]

5310MHz

02/07/2025



Limit:AV
ERP:AV
Port 3

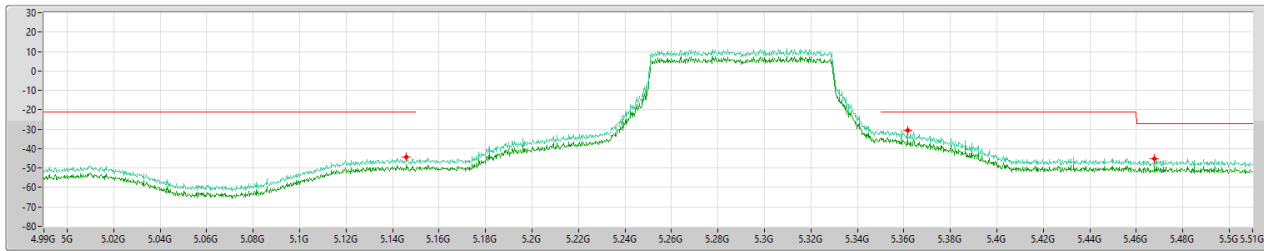
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	ERP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.07G	5.43G	1M	AV	5.14992G	-57.53	-41.20	-16.33	3.70	-61.23	-	-	-61.23
5.07G	5.43G	1M	AV	5.35008G	-41.35	-41.20	-0.15	3.70	-45.05	-	-	-45.05

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [PK]

5290MHz

02/07/2025



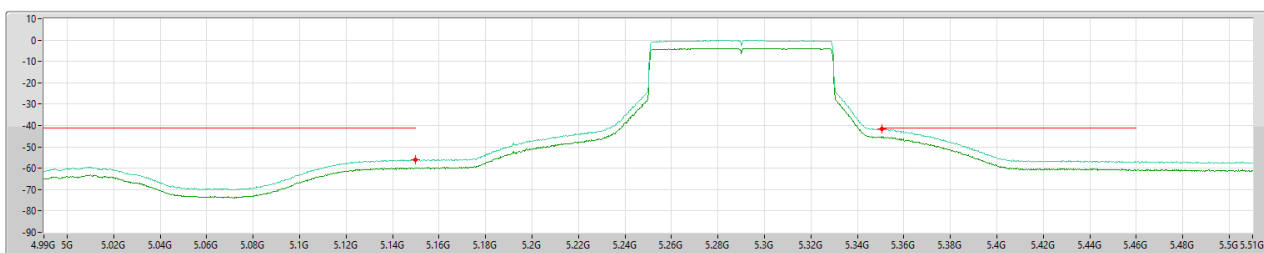
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
4.99G	5.51G	1M	PK	5.146G	-44.41	-21.20	-23.21	3.70	-48.11	-	-	-48.11
4.99G	5.51G	1M	PK	5.36194G	-30.39	-21.20	-9.19	3.70	-34.09	-	-	-34.09
4.99G	5.51G	1M	PK	5.46786G	-45.31	-27.00	-18.31	3.70	-49.01	-	-	-49.01

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [AV]

5290MHz

02/07/2025



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)	P3(dBm)
4.99G	5.51G	1M	AV	5.1499G	-56.15	-41.20	-14.95	3.70	-59.85	-	-	-59.85
4.99G	5.51G	1M	AV	5.35036G	-41.43	-41.20	-0.23	3.70	-45.13	-	-	-45.13