



RADIO TEST REPORT

FCC ID : 2AHKM-ARIA3629
Equipment : WiFi7 Tri-Band Router w/SFP+ cage / WiFi7 Tri-Band Router
Brand Name : HITRON
Model Name : ARIA3629 / ARIA3626 / ARIA3625
Applicant : Hitron Technologies Inc.
No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu
30078, Taiwan
Manufacturer : Hitron Technologies Inc.
No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu
30078, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 16, 2024, and testing was started from Aug. 21, 2024 and completed on Oct. 09, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 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. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.4



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	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 Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen**Report Producer: Cathy 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
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80), be (EHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11n HT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11be EHT20	20	4TX
5.15-5.25GHz	802.11be EHT20-BF	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11n HT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX
5.15-5.25GHz	802.11ax HEW40-BF	40	4TX
5.15-5.25GHz	802.11be EHT40	40	4TX



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT80	80	4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	4TX
5.15-5.25GHz	802.11ax HEW80	80	4TX
5.15-5.25GHz	802.11ax HEW80-BF	80	4TX
5.15-5.25GHz	802.11be EHT80	80	4TX
5.15-5.25GHz	802.11be EHT80-BF	80	4TX
5.15-5.35GHz	802.11ac VHT160	160	4TX
5.15-5.35GHz	802.11ac VHT160-BF	160	4TX
5.15-5.35GHz	802.11ax HEW160	160	4TX
5.15-5.35GHz	802.11ax HEW160-BF	160	4TX
5.15-5.35GHz	802.11be EHT160	160	4TX
5.15-5.35GHz	802.11be EHT160-BF	160	4TX
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11be EHT20	20	4TX
5.25-5.35GHz	802.11be EHT20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11be EHT40	40	4TX
5.25-5.35GHz	802.11be EHT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.25-5.35GHz	802.11be EHT80	80	4TX
5.25-5.35GHz	802.11be EHT80-BF	80	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11be EHT20	20	4TX
5.47-5.725GHz	802.11be EHT20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11be EHT40	40	4TX
5.47-5.725GHz	802.11be EHT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX
5.47-5.725GHz	802.11be EHT160-BF	160	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11be EHT20	20	4TX
5.725-5.85GHz	802.11be EHT20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11be EHT40	40	4TX
5.725-5.85GHz	802.11be EHT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80-BF	80	4TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 and EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz, 5GHz	6GHz	Bluetooth					
1	1	-	-	PSA	RFDPA230505IM6B901	Copper pipes	I-PEX	Note1
2	2	-	-	PSA	RFDPA230511IM6B902	Copper pipes	I-PEX	
3	3	-	-	PSA	RFDPA230510IM6B901	Copper pipes	I-PEX	
4	4	-	-	PSA	RFDPA230515IM6B901	Copper pipes	I-PEX	
5	-	1	-	PSA	RFDPA100512IM6B902	Copper pipes	I-PEX	
6	-	2	-	PSA	RFDPA100515IM6B902	Copper pipes	I-PEX	
7	-	3	-	PSA	RFDPA100505IM6B902	Copper pipes	I-PEX	
8	-	4	-	PSA	RFDPA100505IM6B902	Copper pipes	I-PEX	
9	-	-	1	PSA	RFDPA301419IMAB901	PCB	I-PEX	

Note 1:

Ant.	Antenna Gain (dBi)						
	WLAN 2.4GHz	WLAN 5GHz				WLAN 6GHz UNII 5~UNII 8	Bluetooth
		UNII 1	UNII 2A	UNII 2C	UNII 3		
1	2.74	4.99	4.13	5.28	5.41	-	-
2	2.86	4.41	4.95	5.75	5.75	-	-
3	3.18	4.49	3.38	3.89	4.14	-	-
4	2.54	3.71	3.53	3.36	2.7	-	-
5	-	-	-	-	-	4.62	-
6	-	-	-	-	-	4.95	-
7	-	-	-	-	-	5.01	-
8	-	-	-	-	-	5.14	-
9	-	-	-	-	-	-	3.57

Item	Directional Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
4T1S	5.83	6.14	6.28	6.81	6.64
4T2S	3.18	4.99	4.95	5.75	5.75
4T4S	3.18	4.99	4.95	5.75	5.75

Note 2: The above information (except gain of Ant. 1~4 and directional gain) was declared by the manufacturer.

Note 3: For 2.4GHz/5GHz, the antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03.

For 2.4GHz function:**For IEEE 802.11 b/g/n/VHT/ax/be (4TX/4RX):**

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.

For 5GHz function:**For IEEE 802.11 a/n/ac/ax/be (4TX/4RX):**

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.



For 6GHz function:

For IEEE 802.11 a/ax/be (4TX/4RX):

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss 1,(M0)	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss 1,(M0)	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss 1,(M0)	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss 1,(M0)	0.975	0.11	5.456m	300
802.11be EHT20-BF_Nss 1,(M0)	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss 1,(M0)	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss 1,(M0)	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF_Nss 1,(M0)	0.975	0.11	5.456m	300

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported Static Puncturing		
	☐	Supported Dynamic Puncturing		
	☒	Unsupported		
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	For Non-beamforming mode: QSPRx86 V6.00.00141.5 For Beamforming mode: DOS [ver 10.0.19041.572]			

Note: The above information was declared by manufacturer.

**1.1.5 Table for Multiple Listing**

Equipment Name	EUT	Model Name (Number)	SFP+ cage WAN Port	2*FXS (Option)
WiFi7 Tri-Band Router w/SFP+ cage	1	ARIA3629	With	With
	2	ARIA3626	With	Without
WiFi7 Tri-Band Router	3	ARIA3625	Without	Without

Note 1: From the above models, model: ARIA3629 (EUT 1) was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



1.2 Applicable 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 C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01

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

- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Eason Chen	23.4~25 / 59~62	Aug. 30, 2024~ Sep. 19, 2024
Radiated (Below 1GHz)	03CH05-CB	Gordon Hung	22.7-23.8 / 56-59	Sep. 30, 2024~ Oct. 01, 2024
Radiated (Above 1GHz)	03CH05-CB	RJ Huang	22.7-23.8 / 56-59	Aug. 21, 2024~ Sep. 26, 2024
Radiated (Co-location)	03CH05-CB	RJ Huang	22.7-23.8 / 56-59	Oct. 01, 2024
AC Conduction	CO01-CB	Joe Chu	22~23 / 49~50	Oct. 09, 2024



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
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80_Nss1,(MCS0)_4TX



5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
5745MHz
5785MHz
5825MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
5755MHz
5795MHz
802.11be EHT80-BF_Nss1,(MCS0)_4TX
5210MHz
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
5775MHz
802.11be EHT160-BF_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz

**Note:**

- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only, due to 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.
- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only and this mode output power will be less than the non-beamforming mode.

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	Normal Link
1	EUT_WAN mode
2	EUT_SFP mode
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power 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	Normal Link
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis_WAN mode
2	EUT in Y axis_SFP mode
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis_WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth + WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA480902 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 10 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories				
Equipment Name	Brand Name	Model Name	Rating	Remark
Adapter	FRECOM	F60X-120450SPA	INPUT: 100-240~50/60Hz, 1.6A OUTPUT: 12.0V, 4.5A, 54.0W	DC power cable: Non-shielded, 1.6m
Others				
RJ-45 cable*1, non-shielded, 1.5m				
Power core*1, non-shielded, 1.2m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	10G WAN PC	DELL	OPTIPLEX 3010	N/A
B	10G LAN PC	DELL	OPTIPLEX 3010	N/A
C	2.5G LAN PC	DELL	OPTIPLEX 3010	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	6G NB	DELL	E7240	N/A
G	Phone1	PHILIPS	M20	N/A
H	Phone2	PHILIPS	M20	N/A
I	Smart phone	HTC	HTC One X9 dual sim	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	10G LAN PC	DELL	T3400	N/A
B	10G WAN PC	DELL	T3400	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A
E	6G NB	DELL	E4300	N/A
F	Smart phone	HTC	HTC One X9 dual sim	N/A
G	Phone 1	SAMPO	HT-B 907WL	N/A
H	Phone 2	SAMPO	HT-B 907WL	N/A
I	2.5G LAN PC	DELL	T3400	N/A

**For Radiated (above 1GHz) / Non-beamforming mode:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For Radiated (above 1GHz) / Beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Client	HITRON	ARIA3629	N/A
C	NB	DELL	E4300	N/A

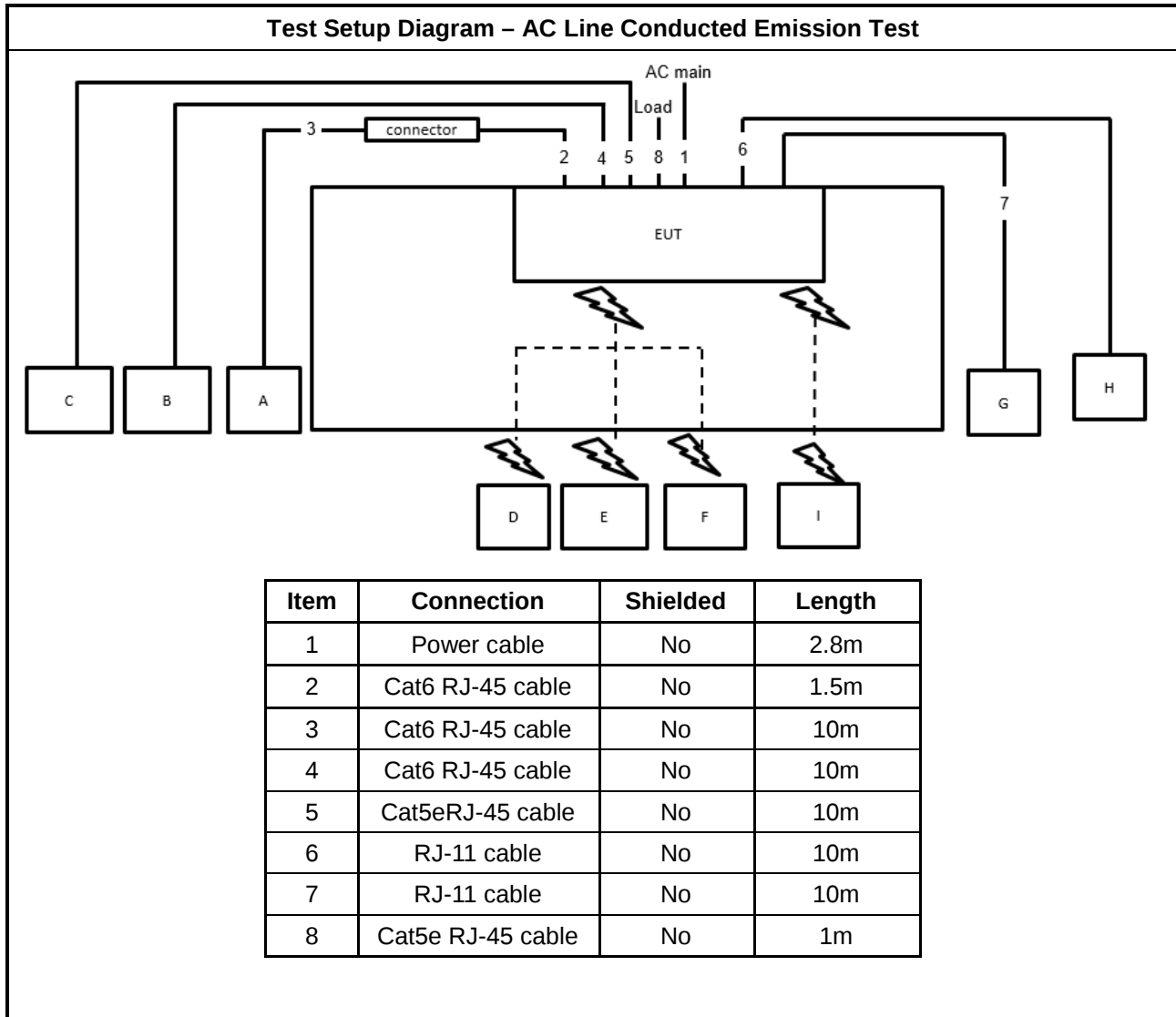
For RF Conducted / Non-beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

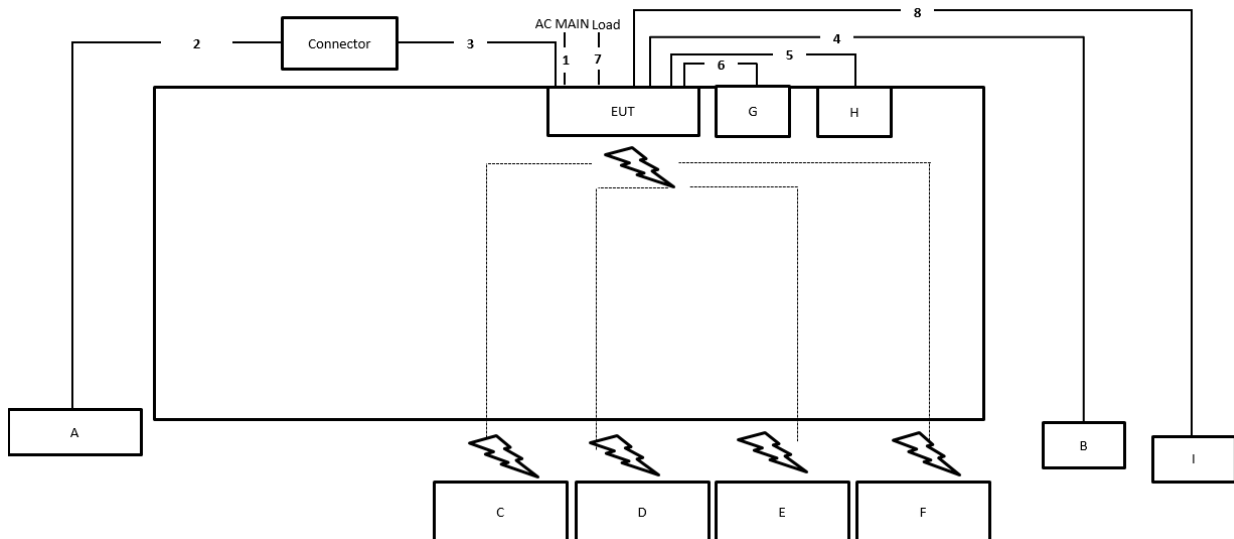
For RF Conducted / Beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	Client	HITRON	ARIA3629	N/A

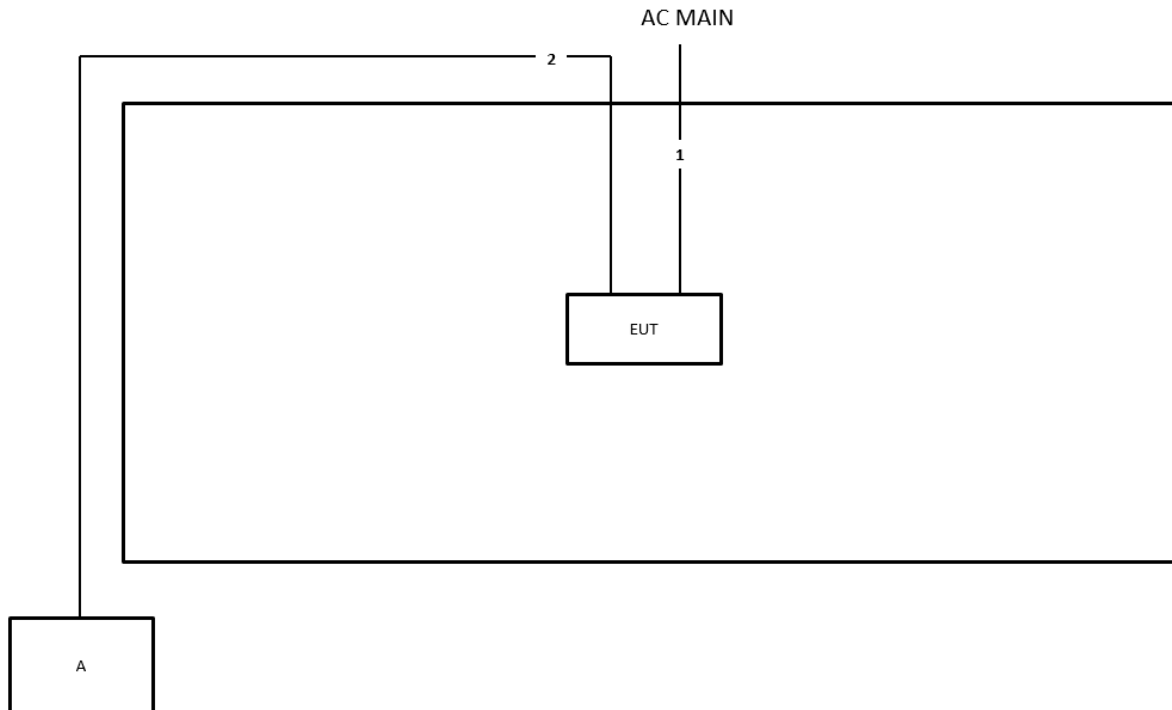
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz

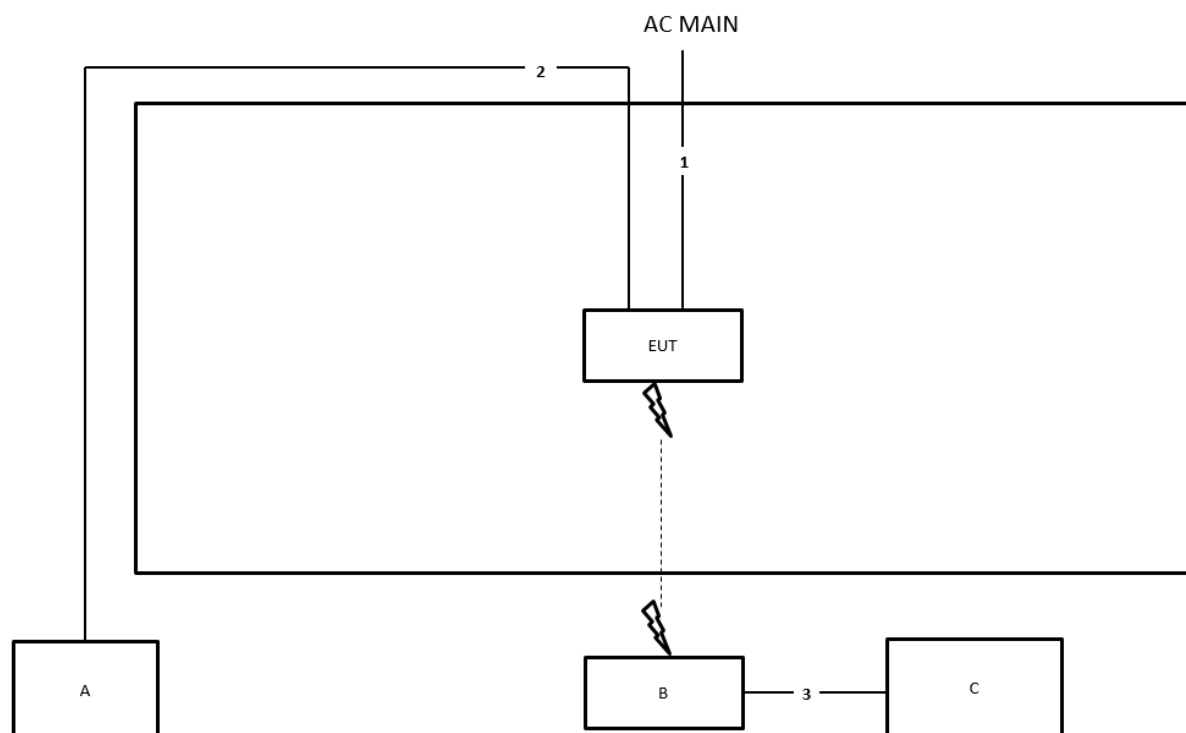


Item	Connection	Shielded	Length
1	Power cable	No	2.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m
4	RJ-45 cable	No	10m
5	RJ-11 cable	No	1.5m
6	RJ-11 cable	No	1.5m
7	RJ-45 cable	No	1.5m
8	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / Non-beamforming mode


Item	Connection	Shielded	Length
1	Power cable	No	2.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / Beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	2.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m



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.

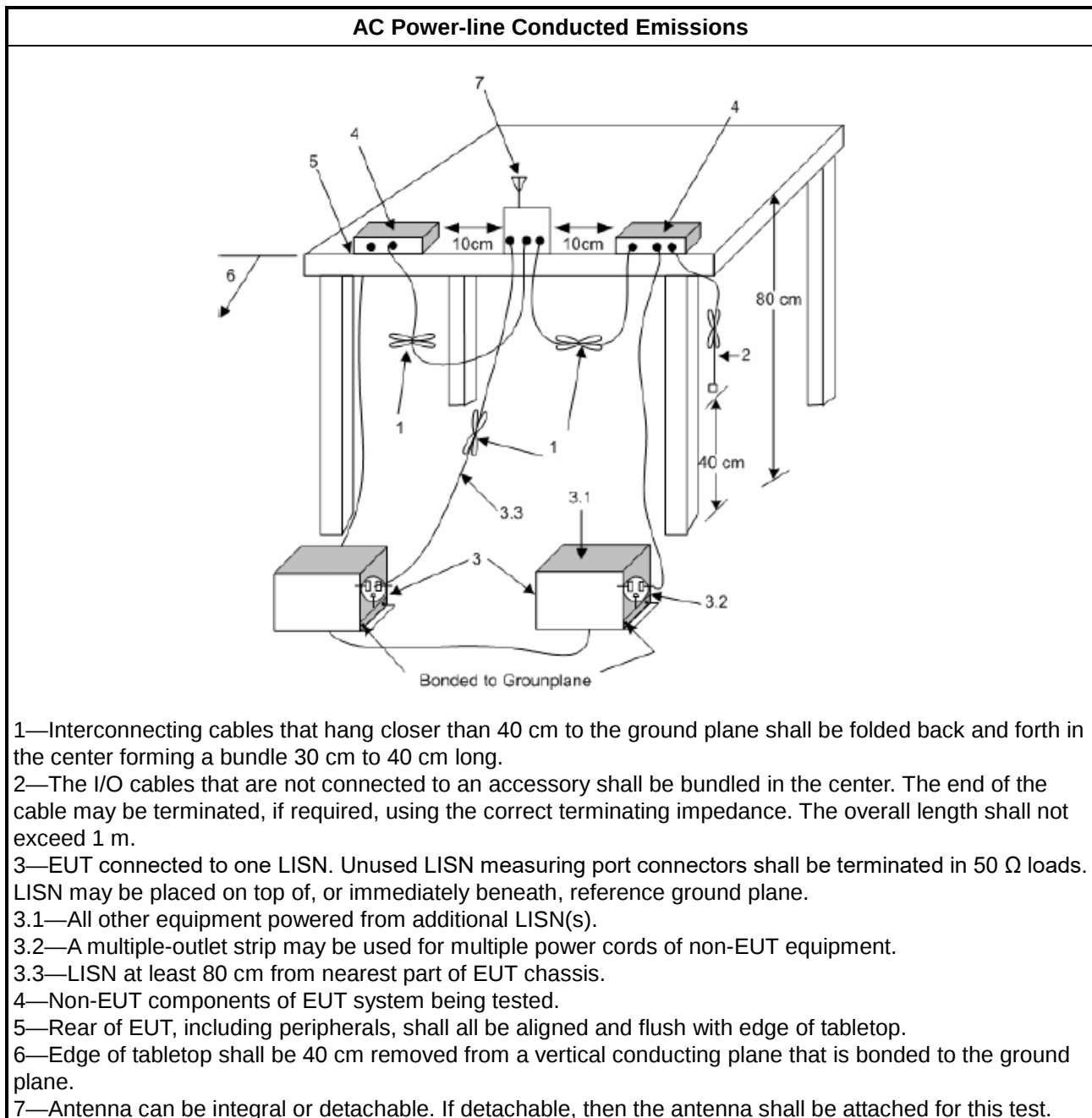
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

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, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth $\geq 500\text{kHz}$.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.

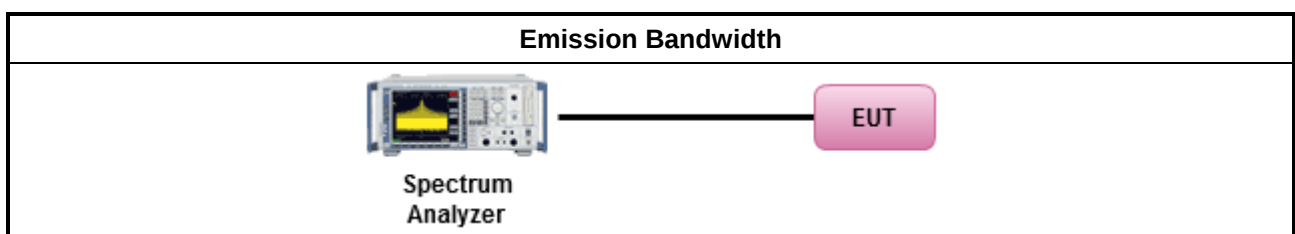
3.2.2 Measuring Instruments

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 FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

Maximum 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 the lesser of 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 the lesser of 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 the lesser of 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 the lesser of 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 the lesser of 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 the lesser of 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 the lesser of 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 the lesser of 1 W.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band:	
	- For other devices: The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band:	
	- For other devices: The maximum conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.	
☐ For the 5.725-5.85 GHz band:	



	- Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 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 the lesser of 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

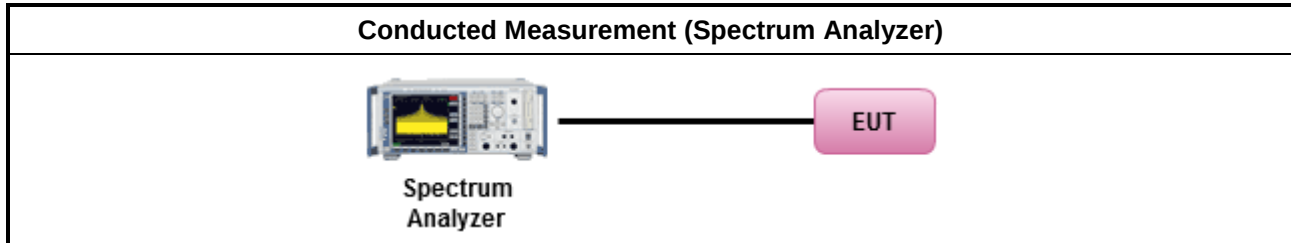
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

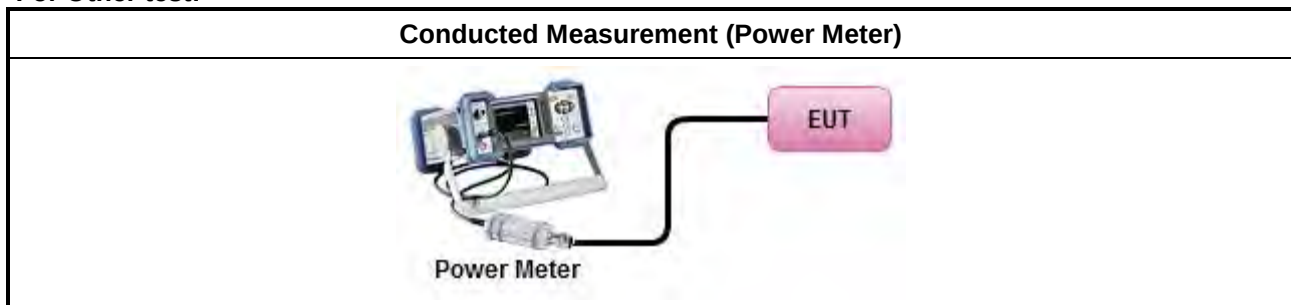
Test Method	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	- If the EUT supports multiple transmit chains using options given below: Refer as FCC 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

For Straddle channel:



For Other test:



3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 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 the lesser of 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 the lesser of 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 the lesser of 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.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ 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

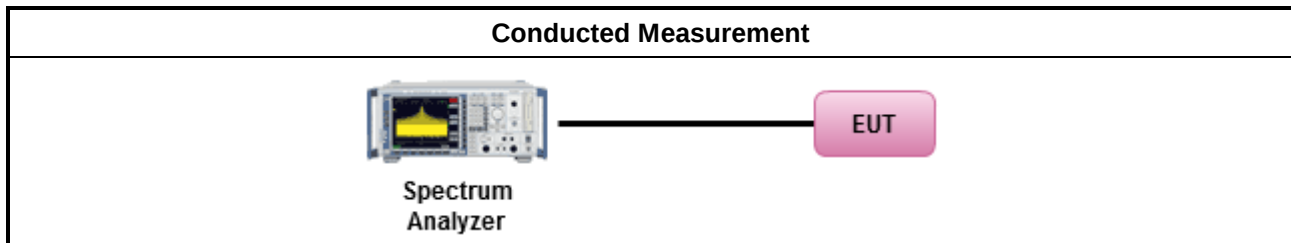
Refer a test equipment and calibration data table in this test report.

**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 FCC KDB 789033 D02, 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% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, 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:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
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]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

Test Method	
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter 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	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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).

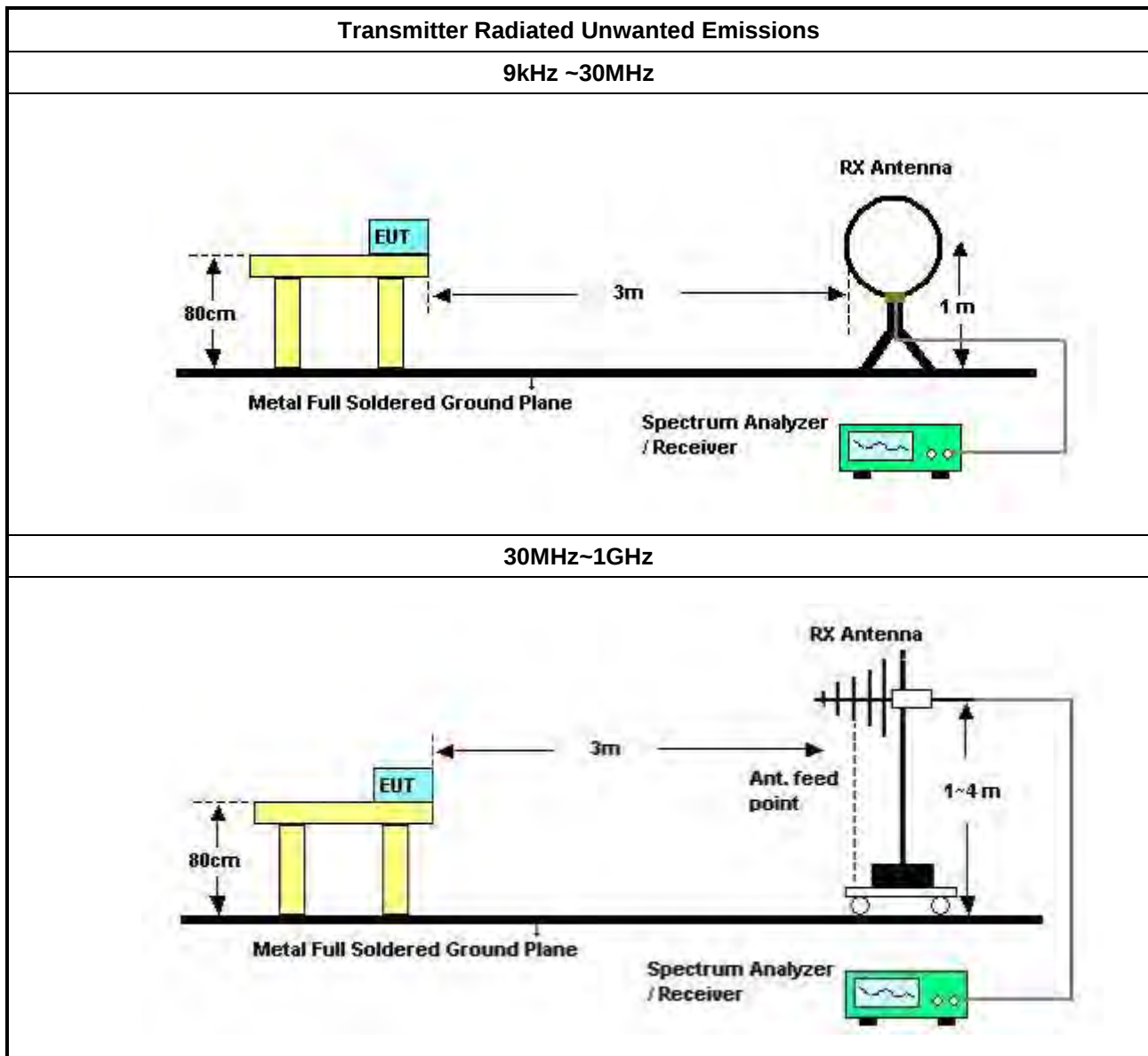
3.5.2 Measuring Instruments

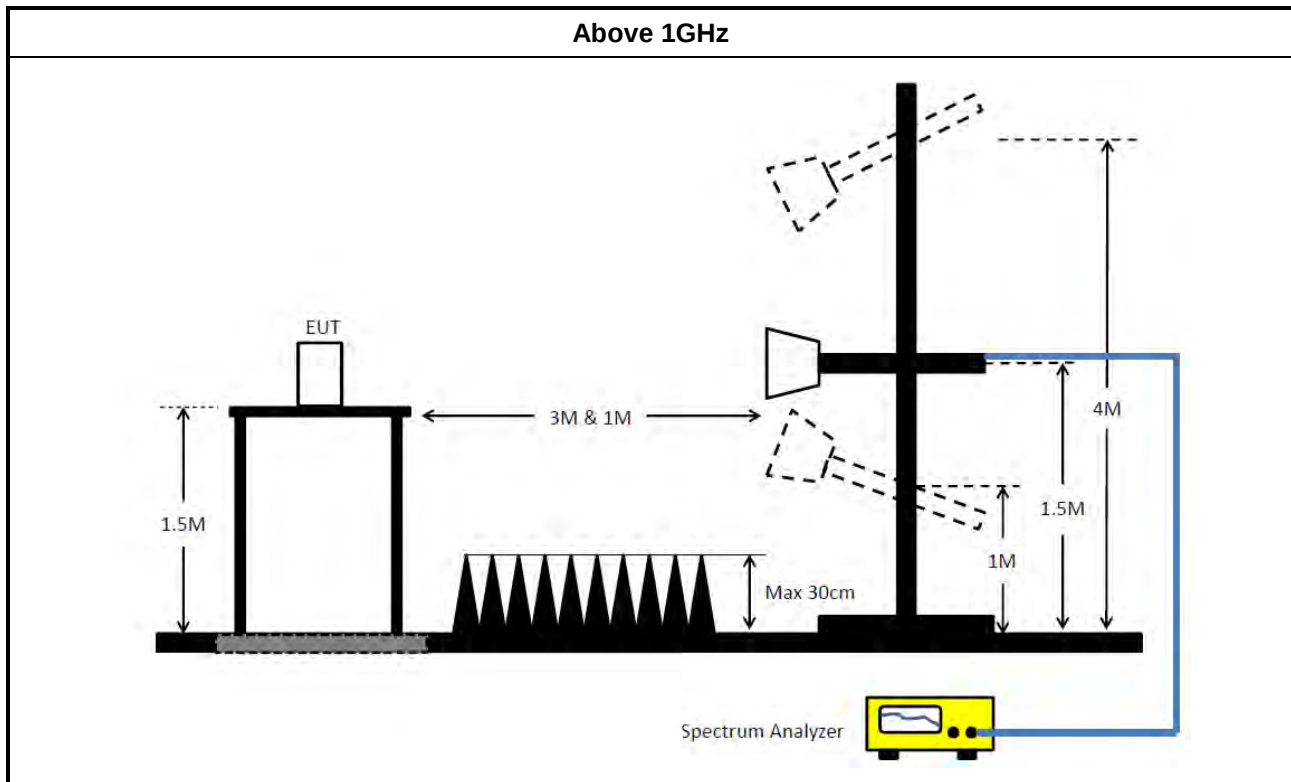
Refer a test equipment and calibration data table in this test report.

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 FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
☐ Refer as ANSI C63.10, clause 4.1.4.2.2 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.	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 20, 2023	Oct. 19, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Jul. 27, 2024	Jul. 26, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11.19	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15407_NII	V5.11.19	5.15GHz-7.115GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



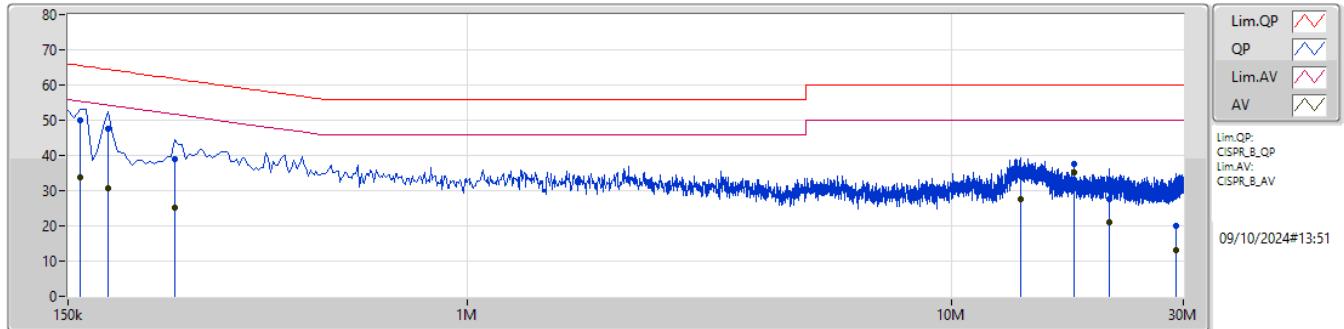
Conducted Emissions at Powerline

Appendix A

Summary

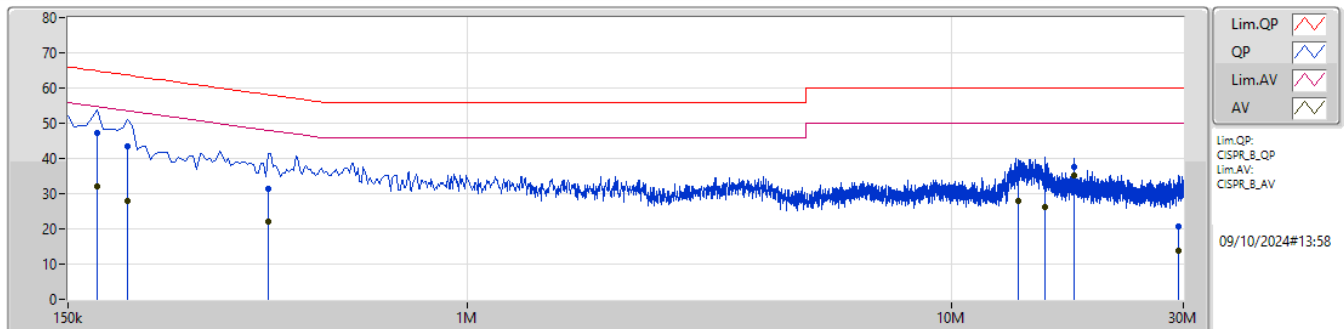
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	17.885M	35.24	50.00	-14.76	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT						
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)						
QP	159k	50.04	65.52	-15.48	9.92	Line	-	40.12	0.04	0.02	9.86						
AV	159k	33.79	55.52	-21.73	9.92	Line	-	23.87	0.04	0.02	9.86						
QP	181.5k	47.48	64.41	-16.93	9.92	Line	-	37.56	0.04	0.02	9.86						
AV	181.5k	30.57	54.41	-23.84	9.92	Line	-	20.65	0.04	0.02	9.86						
QP	249k	38.80	61.79	-22.99	9.92	Line	-	28.88	0.04	0.02	9.86						
AV	249k	25.26	51.79	-26.53	9.92	Line	-	15.34	0.04	0.02	9.86						
QP	13.826M	34.89	60.00	-25.11	10.38	Line	-	24.51	0.27	0.17	9.94						
AV	13.826M	27.42	50.00	-22.58	10.38	Line	-	17.04	0.27	0.17	9.94						
QP	17.885M	37.61	60.00	-22.39	10.50	Line	-	27.11	0.30	0.21	9.99						
AV	17.885M	35.24	50.00	-14.76	10.50	Line	"Worst"	24.74	0.30	0.21	9.99						
QP	21.138M	27.64	60.00	-32.36	10.58	Line	-	17.06	0.32	0.23	10.03						
AV	21.138M	21.07	50.00	-28.93	10.58	Line	-	10.49	0.32	0.23	10.03						
QP	28.95M	19.97	60.00	-40.03	10.76	Line	-	9.21	0.35	0.35	10.06						
AV	28.95M	13.09	50.00	-36.91	10.76	Line	-	2.33	0.35	0.35	10.06						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	172.5k	47.07	64.83	-17.76	9.94	Neutral	-	37.13	0.06	0.02	9.86						
AV	172.5k	32.09	54.83	-22.74	9.94	Neutral	-	22.15	0.06	0.02	9.86						
QP	199.5k	43.42	63.63	-20.21	9.93	Neutral	-	33.49	0.06	0.02	9.85						
AV	199.5k	27.80	53.63	-25.83	9.93	Neutral	-	17.87	0.06	0.02	9.85						
QP	388.5k	31.41	58.10	-26.69	9.97	Neutral	-	21.44	0.06	0.02	9.89						
AV	388.5k	21.93	48.10	-26.17	9.97	Neutral	-	11.96	0.06	0.02	9.89						
QP	13.731M	35.07	60.00	-24.93	10.38	Neutral	-	24.69	0.27	0.17	9.94						
AV	13.731M	27.88	50.00	-22.12	10.38	Neutral	-	17.50	0.27	0.17	9.94						
QP	15.572M	33.12	60.00	-26.88	10.43	Neutral	-	22.69	0.28	0.19	9.96						
AV	15.572M	26.23	50.00	-23.77	10.43	Neutral	-	15.80	0.28	0.19	9.96						
QP	17.885M	37.62	60.00	-22.38	10.49	Neutral	-	27.13	0.29	0.21	9.99						
AV	17.885M	35.22	50.00	-14.78	10.49	Neutral	"Worst"	24.73	0.29	0.21	9.99						
QP	29.252M	20.68	60.00	-39.32	10.83	Neutral	-	9.85	0.42	0.35	10.06						
AV	29.252M	13.94	50.00	-36.06	10.83	Neutral	-	3.11	0.42	0.35	10.06						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	33.99M	17.92M	17M9D1D	22.055M	16.747M
802.11be EHT20_Nss1,(MCS0)_4TX	37.73M	19.316M	19M3D1D	21.56M	19.048M
802.11be EHT40_Nss1,(MCS0)_4TX	45.1M	38.157M	38M2D1D	42.57M	38.005M
802.11be EHT80_Nss1,(MCS0)_4TX	89.76M	77.753M	77M8D1D	85.58M	77.658M
802.11be EHT160_Nss1,(MCS0)_4TX	84.32M	77.807M	77M8D1D	83.2M	77.541M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.605M	16.797M	16M8D1D	21.67M	16.735M
802.11be EHT20_Nss1,(MCS0)_4TX	23.265M	19.119M	19M1D1D	21.725M	19.03M
802.11be EHT40_Nss1,(MCS0)_4TX	44.77M	38.134M	38M1D1D	43.12M	37.941M
802.11be EHT80_Nss1,(MCS0)_4TX	89.32M	77.836M	77M8D1D	87.78M	77.622M
802.11be EHT160_Nss1,(MCS0)_4TX	87.12M	77.724M	77M7D1D	83.28M	77.636M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.825M	16.813M	16M8D1D	16.02M	13.431M
802.11be EHT20_Nss1,(MCS0)_4TX	23.155M	19.119M	19M1D1D	16.095M	14.53M
802.11be EHT40_Nss1,(MCS0)_4TX	44.88M	38.102M	38M1D1D	35.945M	33.902M
802.11be EHT80_Nss1,(MCS0)_4TX	89.76M	77.872M	77M9D1D	79.275M	73.505M
802.11be EHT160_Nss1,(MCS0)_4TX	172.48M	157.061M	157MD1D	168.96M	157.002M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.555M	18.021M	18M0D1D	3.12M	4.16M
802.11be EHT20_Nss1,(MCS0)_4TX	19.14M	19.21M	19M2D1D	4.4M	4.574M
802.11be EHT40_Nss1,(MCS0)_4TX	38.28M	38.327M	38M3D1D	4M	4.254M
802.11be EHT80_Nss1,(MCS0)_4TX	78.1M	77.727M	77M7D1D	4.06M	6.317M

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.055M	16.747M	22.165M	16.753M	22.385M	16.749M	22.33M	16.784M
5200MHz	Pass	Inf	24.97M	17.504M	33.99M	17.593M	23.705M	17.01M	30.525M	17.228M
5240MHz	Pass	Inf	33.825M	17.92M	29.425M	17.376M	31.955M	17.137M	33M	17.749M
5260MHz	Pass	Inf	22.055M	16.75M	21.89M	16.755M	22M	16.763M	22.605M	16.78M
5300MHz	Pass	Inf	22.275M	16.752M	21.78M	16.775M	22.495M	16.771M	22.22M	16.751M
5320MHz	Pass	Inf	22.11M	16.762M	21.67M	16.75M	22.055M	16.797M	22.165M	16.735M
5500MHz	Pass	Inf	22M	16.751M	22.11M	16.751M	21.78M	16.774M	22.11M	16.759M
5580MHz	Pass	Inf	22.22M	16.69M	22.165M	16.737M	22.22M	16.771M	22.055M	16.776M
5700MHz	Pass	Inf	22.165M	16.792M	22.825M	16.752M	22.11M	16.775M	21.89M	16.813M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.065M	13.451M	16.26M	13.431M	16.125M	13.452M	16.02M	13.458M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	4.208M	3.12M	4.16M	3.16M	4.185M	3.14M	4.18M
5745MHz	Pass	500k	16.335M	16.813M	16.39M	16.804M	16.39M	16.79M	16.39M	16.78M
5785MHz	Pass	500k	16.555M	16.974M	16.39M	16.789M	16.39M	16.793M	16.335M	16.859M
5825MHz	Pass	500k	16.335M	18.021M	16.39M	17.571M	16.335M	17.888M	16.335M	17.323M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.11M	19.106M	21.56M	19.086M	22.165M	19.048M	22.385M	19.098M
5200MHz	Pass	Inf	27.83M	19.259M	28.16M	19.239M	22.715M	19.147M	23.375M	19.179M
5240MHz	Pass	Inf	33.275M	19.316M	27.225M	19.217M	31.075M	19.149M	37.73M	19.277M
5260MHz	Pass	Inf	22.22M	19.068M	22.33M	19.045M	22.935M	19.119M	22.605M	19.081M
5300MHz	Pass	Inf	22.165M	19.082M	21.725M	19.065M	23.265M	19.041M	22.495M	19.082M
5320MHz	Pass	Inf	21.835M	19.061M	22.33M	19.103M	22.605M	19.03M	22.385M	19.119M
5500MHz	Pass	Inf	21.945M	19.056M	22.33M	19.113M	22.66M	19.102M	23.045M	19.068M
5580MHz	Pass	Inf	22.66M	19.119M	22.165M	19.085M	23.155M	19.08M	22.88M	19.093M
5700MHz	Pass	Inf	22M	19.081M	22.22M	19.116M	22.825M	19.076M	21.945M	19.103M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.095M	14.53M	16.605M	14.542M	16.545M	14.555M	16.14M	14.57M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.599M	4.54M	4.574M	4.54M	4.582M	4.4M	4.599M
5745MHz	Pass	500k	18.645M	19.117M	19.03M	19.06M	18.865M	19.049M	18.81M	19.106M
5785MHz	Pass	500k	19.03M	19.159M	19.14M	19.065M	19.03M	19.106M	19.14M	19.095M
5825MHz	Pass	500k	19.03M	19.21M	18.92M	19.129M	18.425M	19.204M	19.03M	19.143M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	43.34M	38.01M	43.45M	38.094M	43.78M	38.005M	42.57M	38.064M
5230MHz	Pass	Inf	43.34M	38.132M	43.23M	38.157M	44.33M	38.143M	45.1M	38.086M
5270MHz	Pass	Inf	43.89M	38.134M	43.45M	37.941M	43.12M	38.065M	43.12M	38.091M
5310MHz	Pass	Inf	43.89M	38.073M	43.23M	38.082M	44.77M	38.079M	43.89M	38.045M
5510MHz	Pass	Inf	42.9M	38.087M	42.57M	38.015M	43.01M	38.022M	42.57M	38.053M
5550MHz	Pass	Inf	43.67M	38.019M	44.11M	37.968M	44.88M	38.061M	43.01M	37.921M
5670MHz	Pass	Inf	43.45M	38.102M	43.89M	38.091M	42.9M	38.056M	43.89M	38.086M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.715M	33.905M	36.645M	33.956M	35.945M	33.922M	36.54M	33.902M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.471M	4.06M	4.57M	4M	4.254M	4.08M	4.495M
5755MHz	Pass	500k	37.95M	38.174M	38.06M	38.105M	38.17M	38.042M	38.28M	38.082M
5795MHz	Pass	500k	37.95M	38.327M	37.95M	38.152M	37.95M	38.156M	37.84M	38.125M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	89.76M	77.658M	86.46M	77.737M	87.78M	77.753M	85.58M	77.697M
5290MHz	Pass	Inf	87.78M	77.775M	87.78M	77.795M	89.32M	77.836M	87.78M	77.622M
5530MHz	Pass	Inf	88.66M	77.649M	89.76M	77.81M	86.46M	77.765M	87.34M	77.701M
5610MHz	Pass	Inf	86.46M	77.73M	89.54M	77.662M	87.34M	77.604M	88.66M	77.872M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	79.8M	73.583M	79.425M	73.531M	79.275M	73.505M	79.725M	73.551M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	6.795M	4.16M	6.622M	4.1M	6.963M	4.08M	6.317M
5775MHz	Pass	500k	77.88M	77.721M	78.1M	77.727M	78.1M	77.697M	77.66M	77.62M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	84.32M	77.698M	84.24M	77.63M	84.08M	77.807M	83.2M	77.541M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	87.12M	77.724M	84.56M	77.708M	83.28M	77.718M	83.92M	77.636M
5570MHz	Pass	Inf	172.48M	157.002M	169.84M	157.023M	170.72M	157.061M	168.96M	157.009M

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

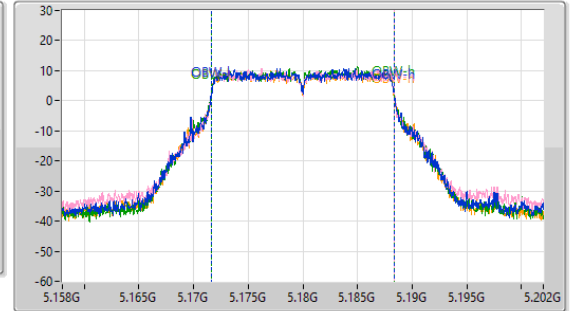
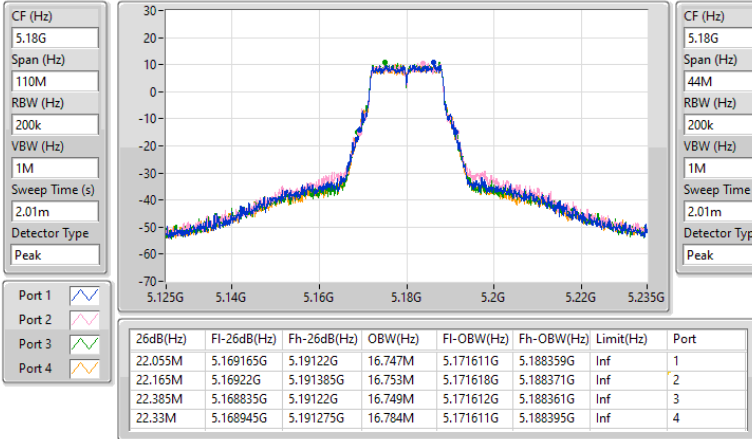
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

03/09/2024

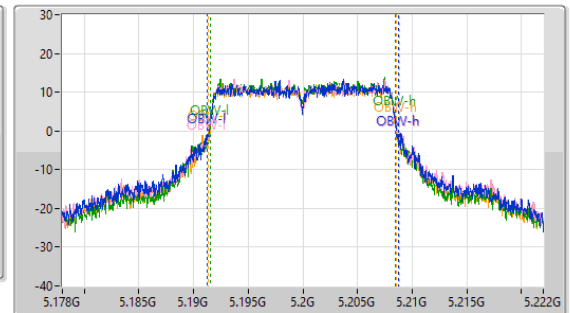
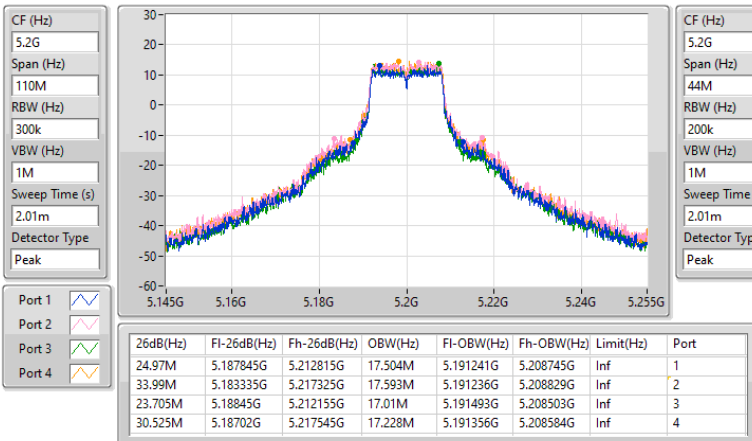


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

03/09/2024

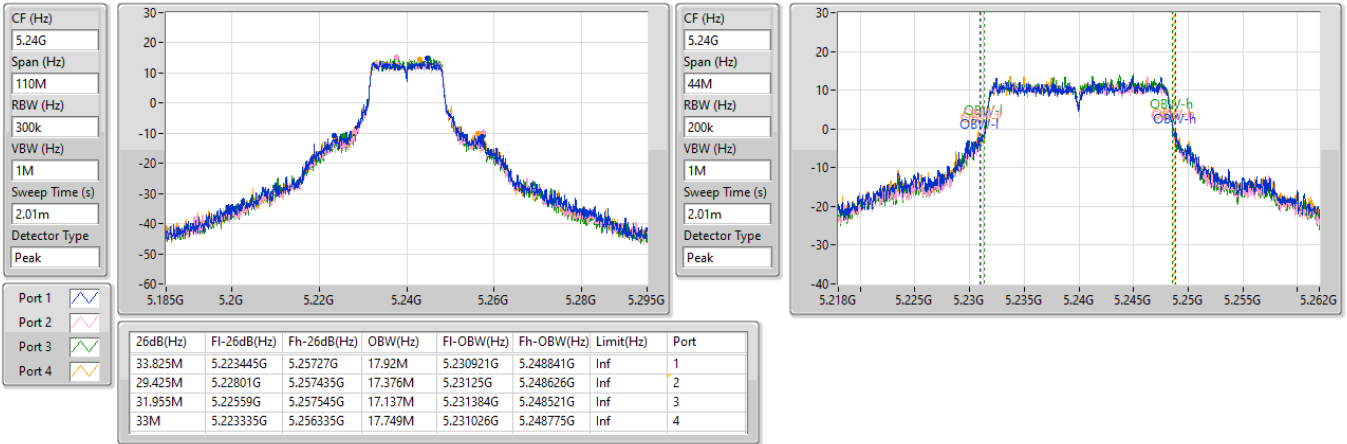


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

03/09/2024

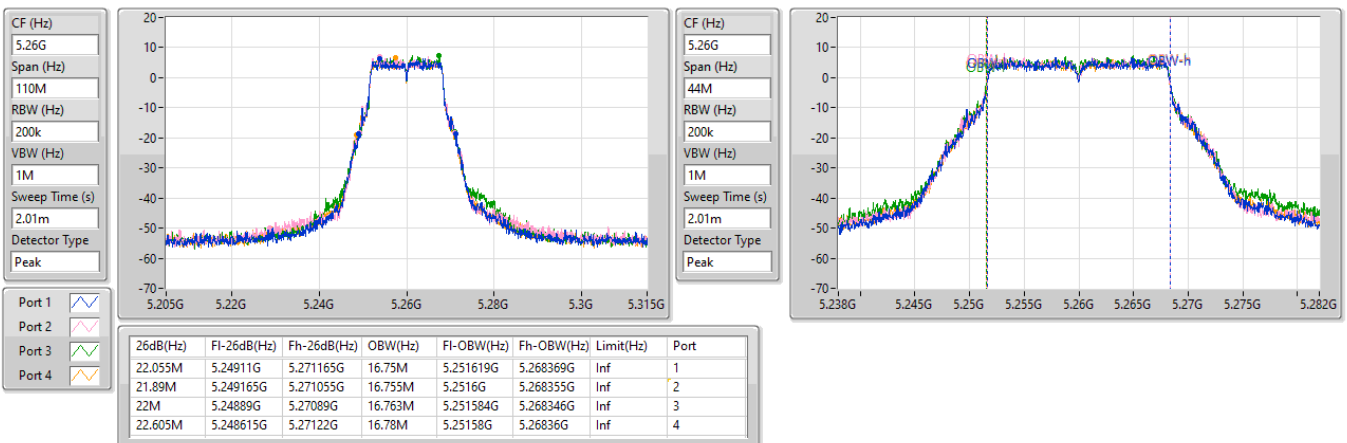


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

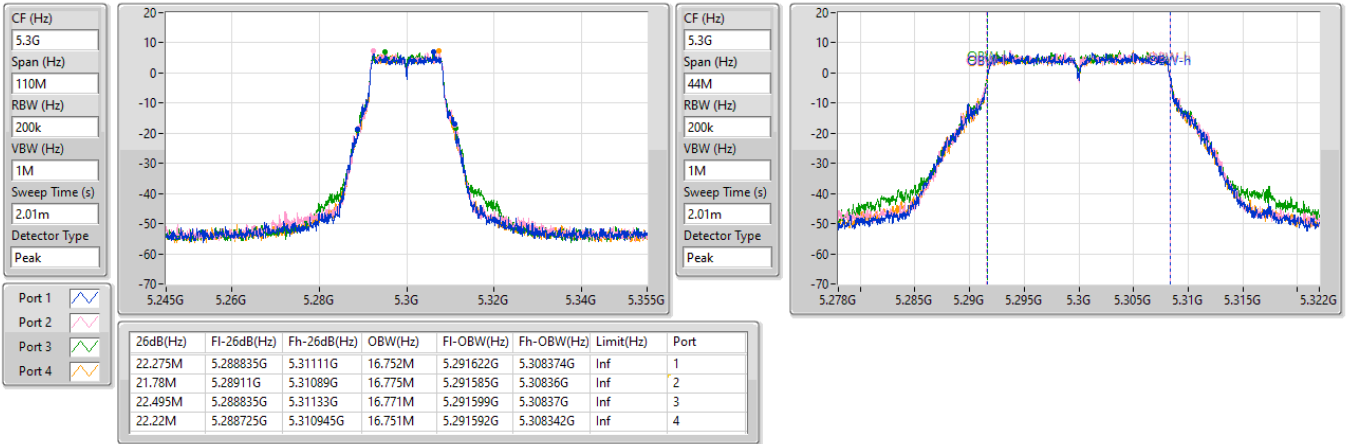
5260MHz

03/09/2024

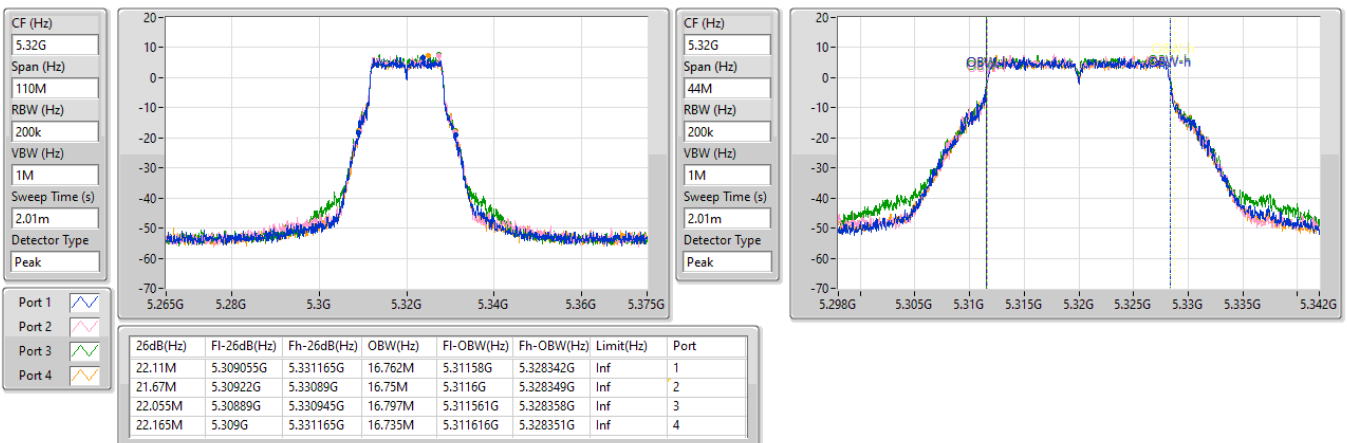


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

03/09/2024

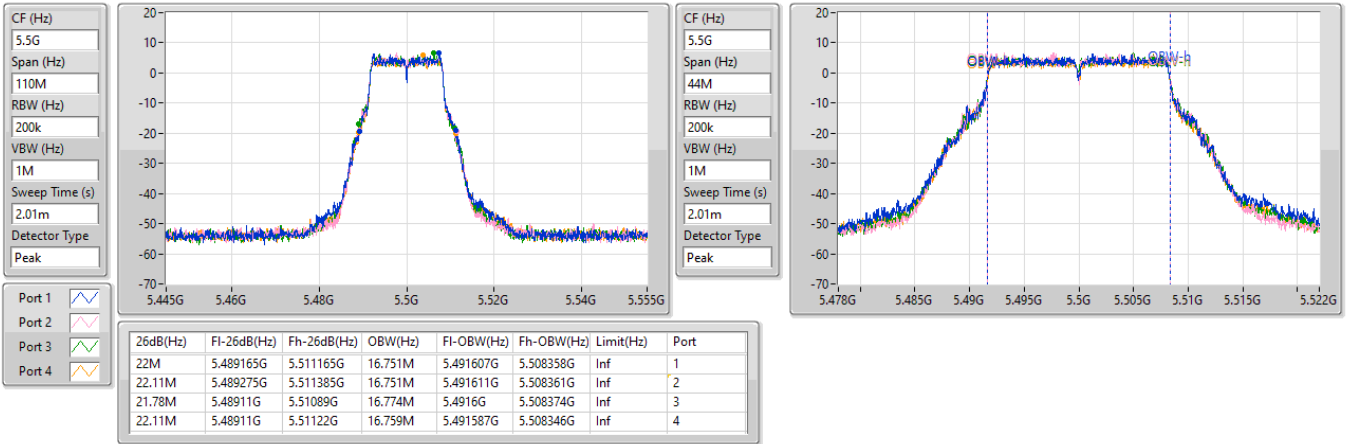

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

03/09/2024

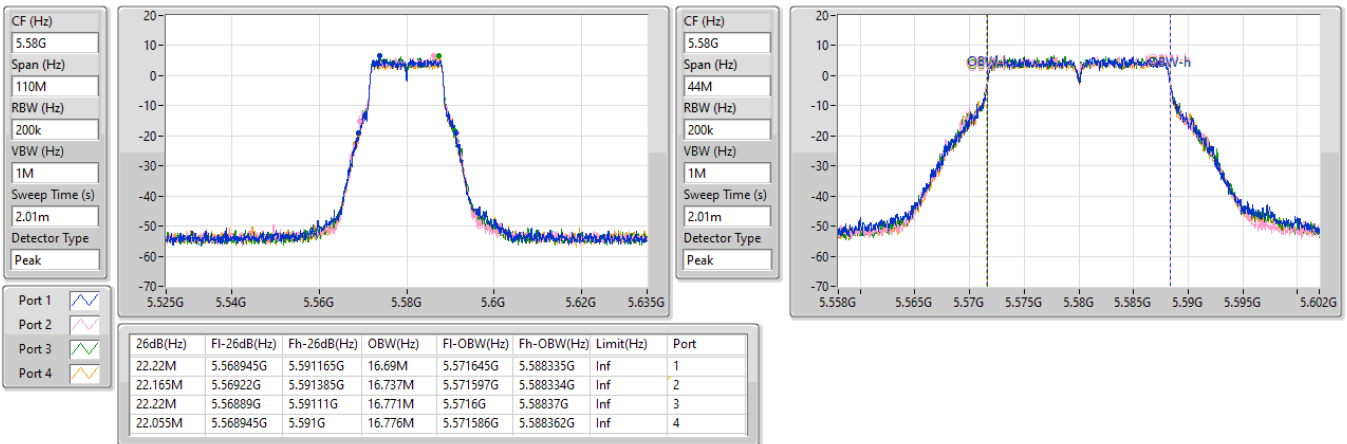


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5500MHz

03/09/2024


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

03/09/2024

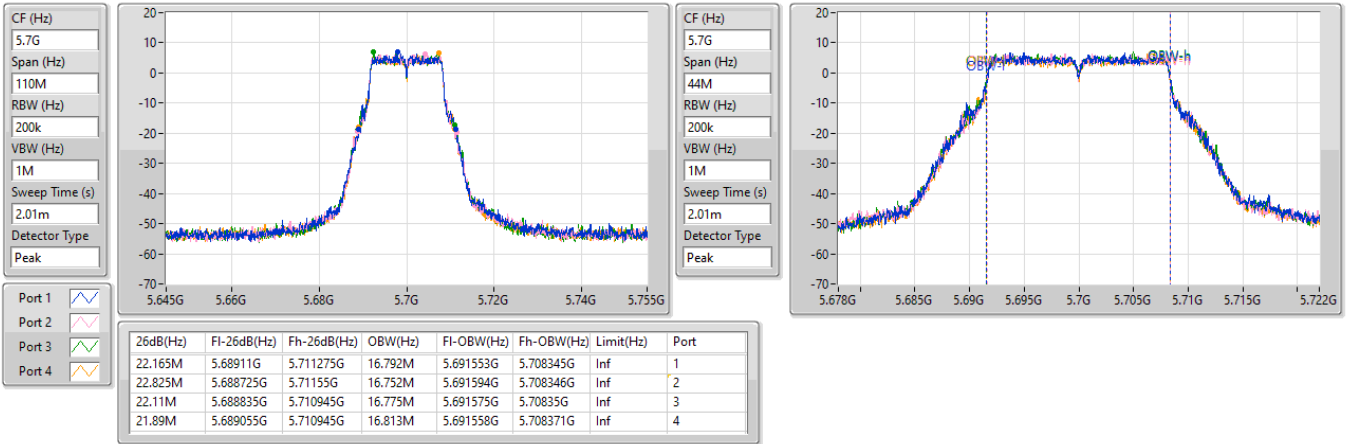


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5700MHz

03/09/2024

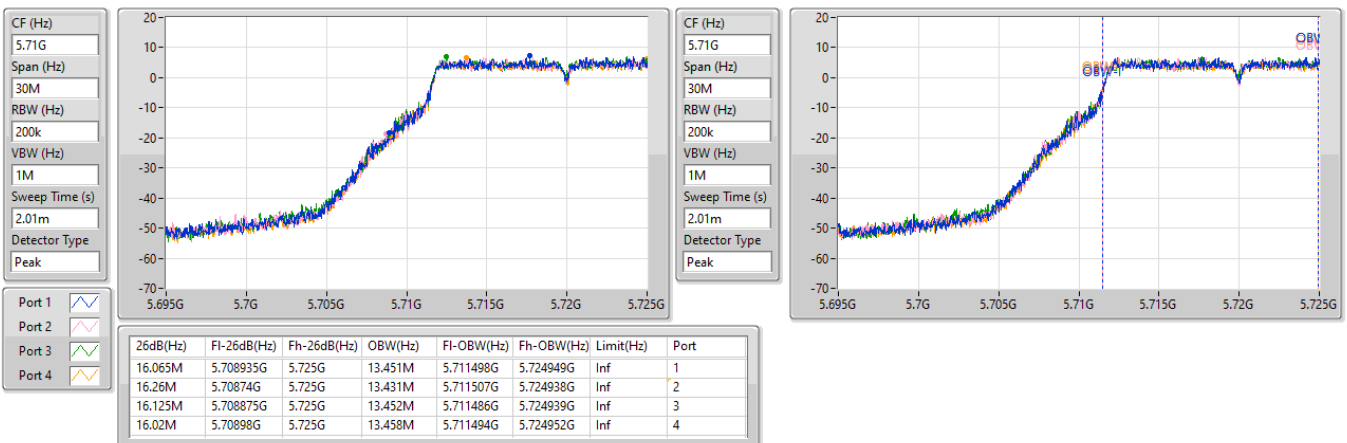


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

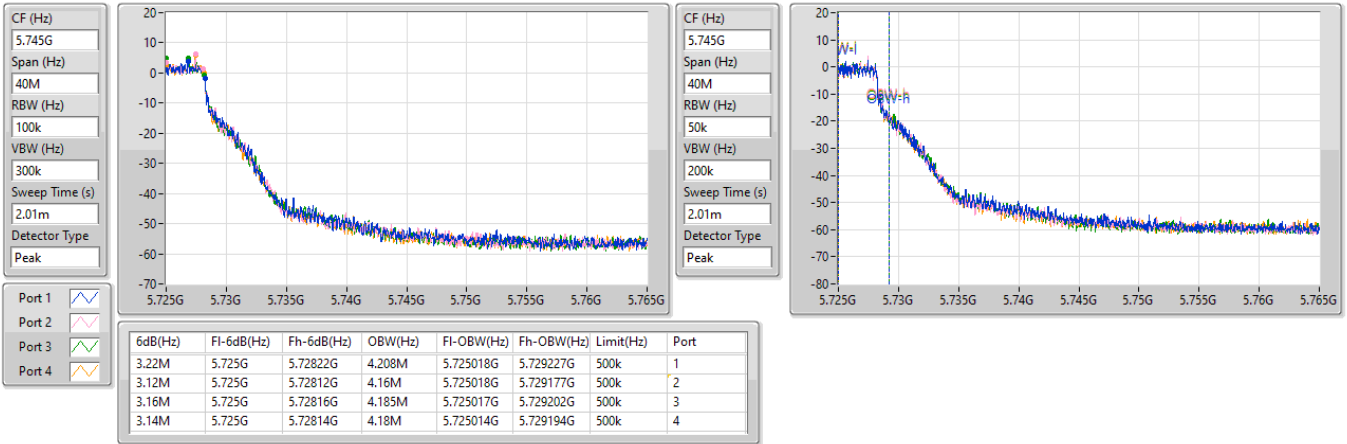
5720MHz Straddle 5.47-5.725GHz

03/09/2024

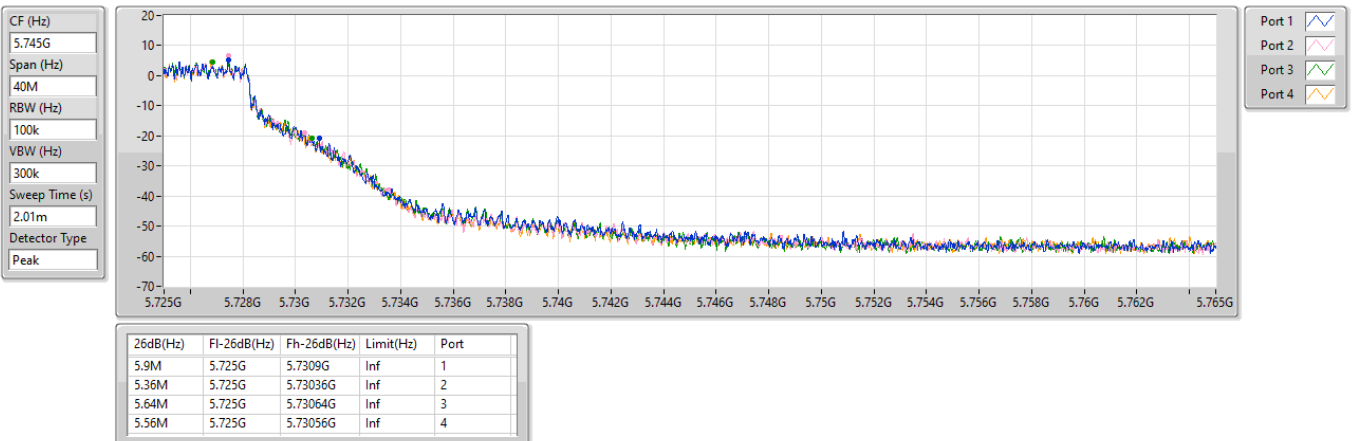


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

03/09/2024

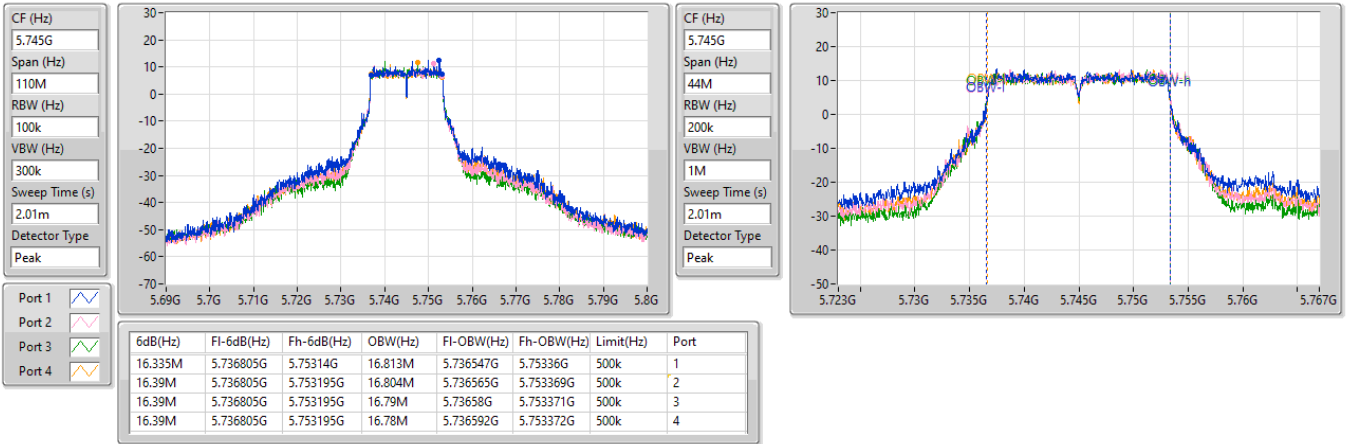

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

03/09/2024

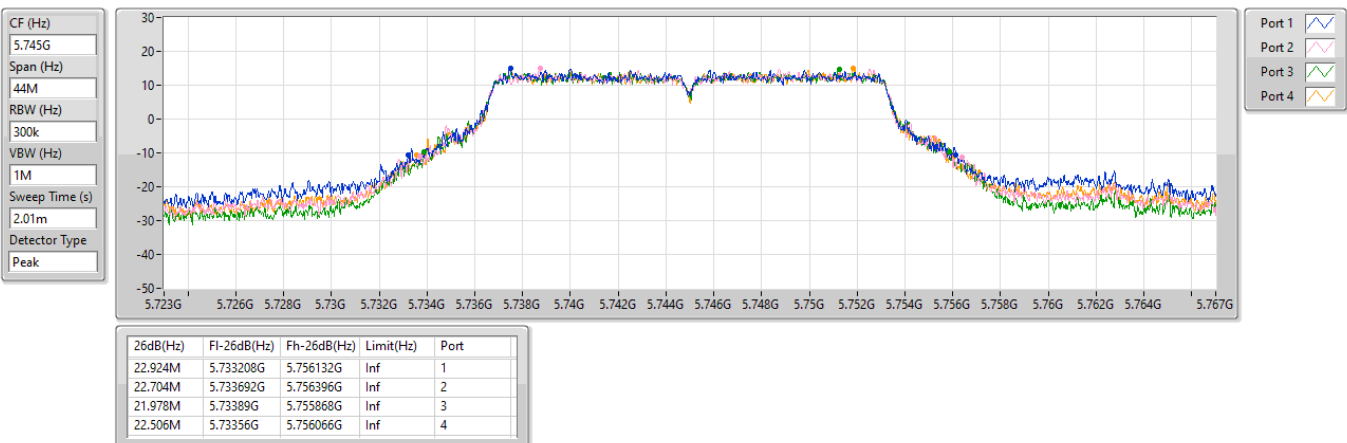


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

03/09/2024


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

03/09/2024

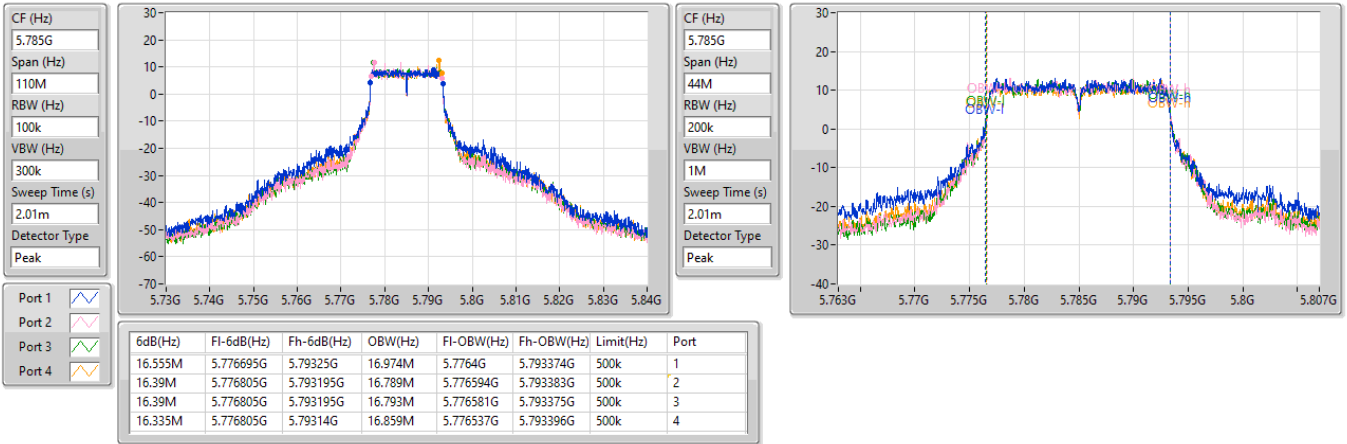


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

03/09/2024

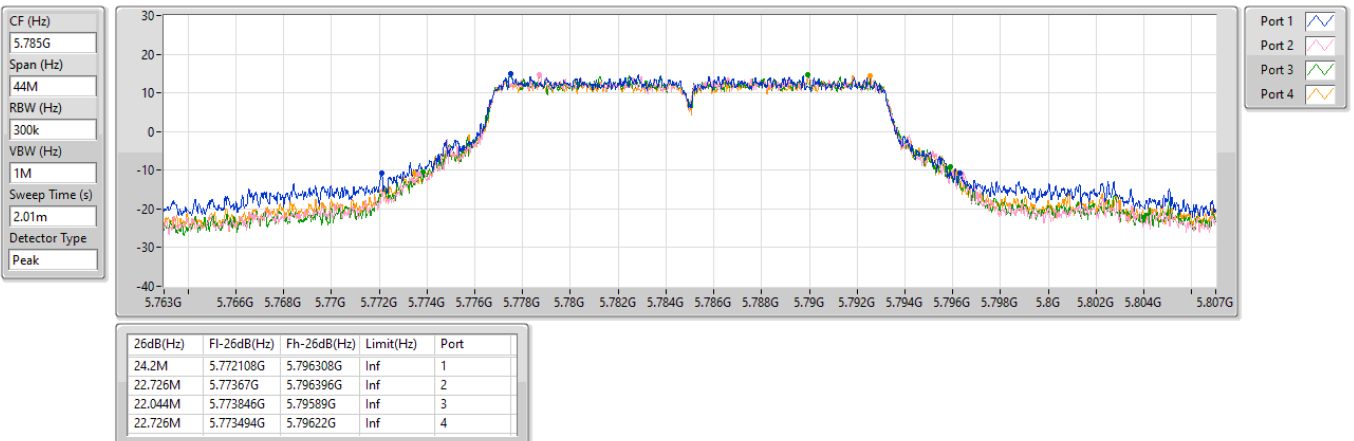


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

03/09/2024

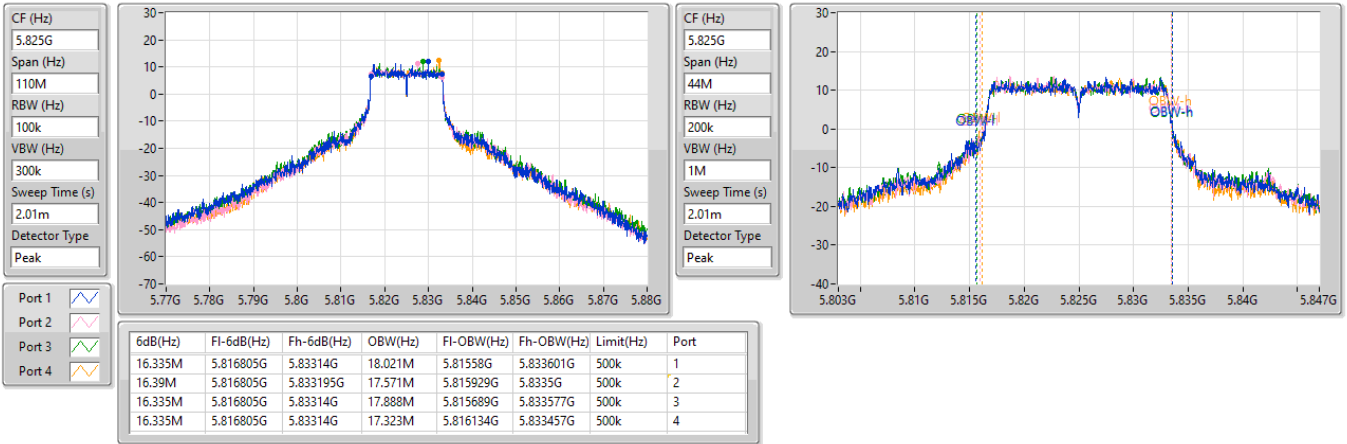


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

03/09/2024

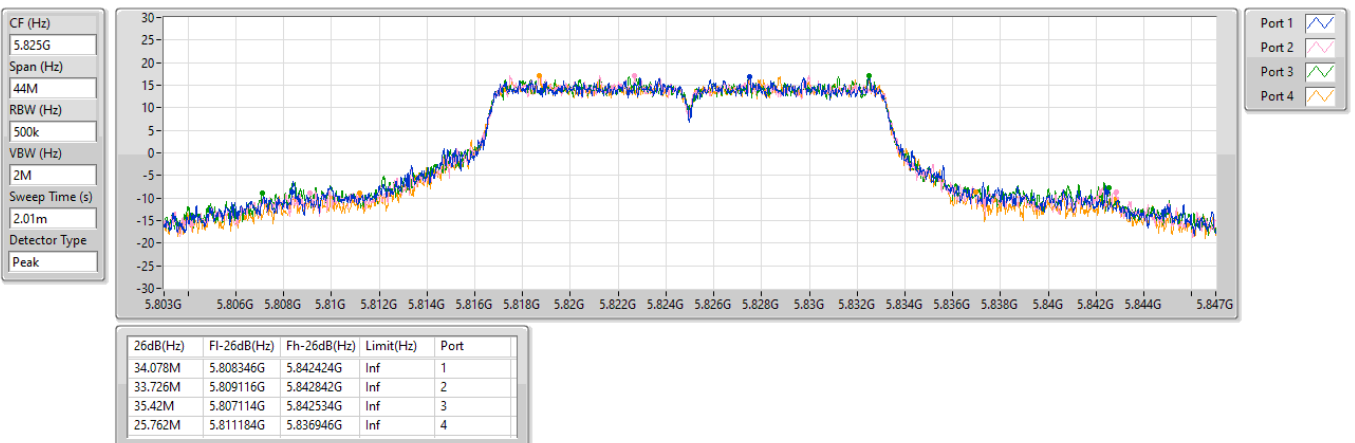


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

03/09/2024

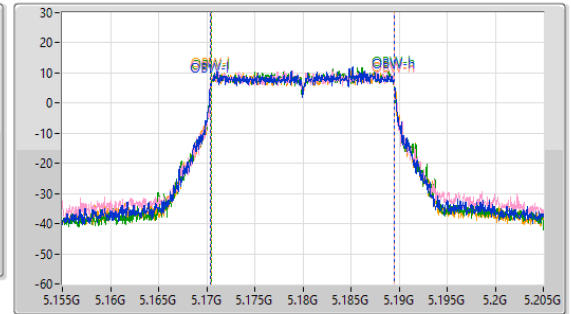
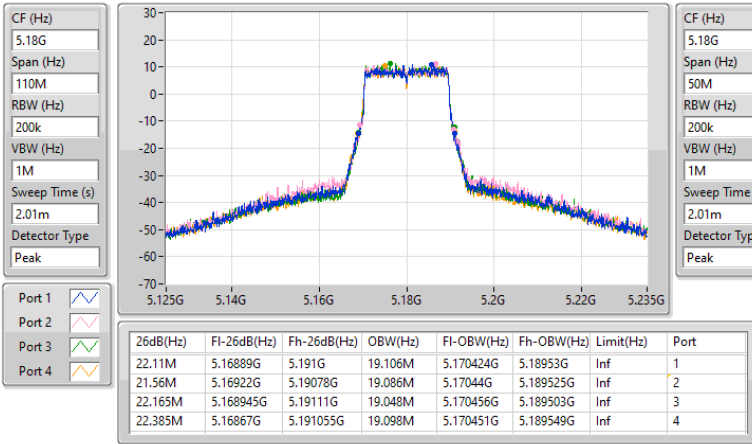


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

03/09/2024

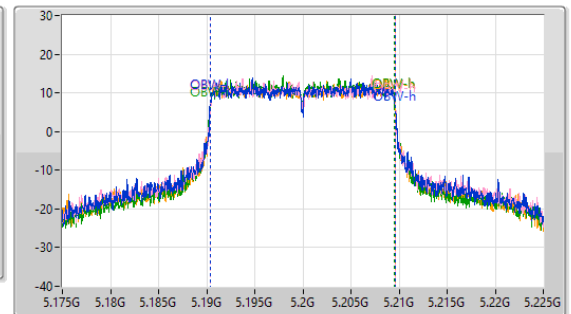
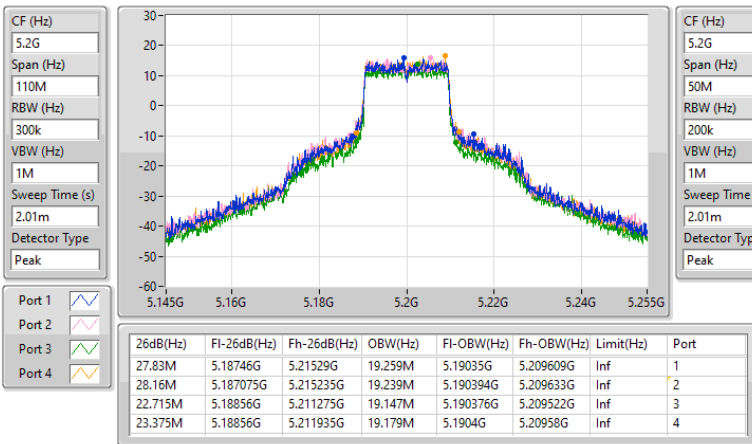


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

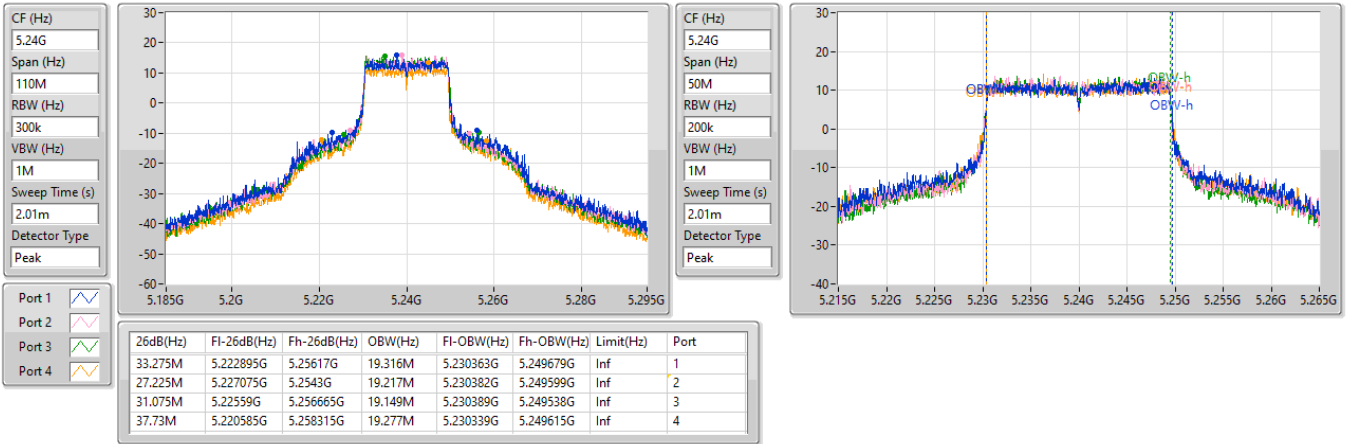
5200MHz

03/09/2024

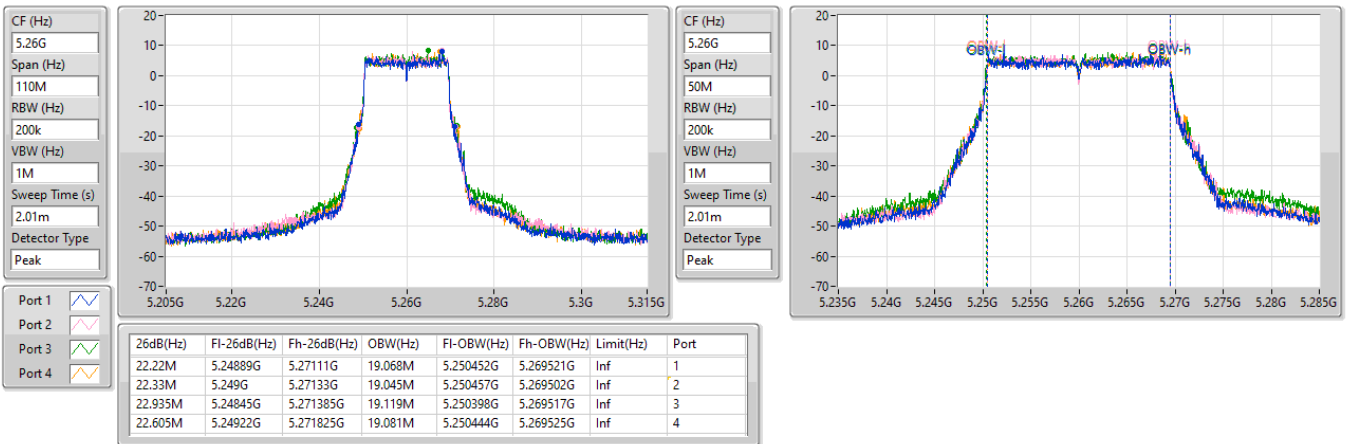


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5240MHz

03/09/2024


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5260MHz

03/09/2024

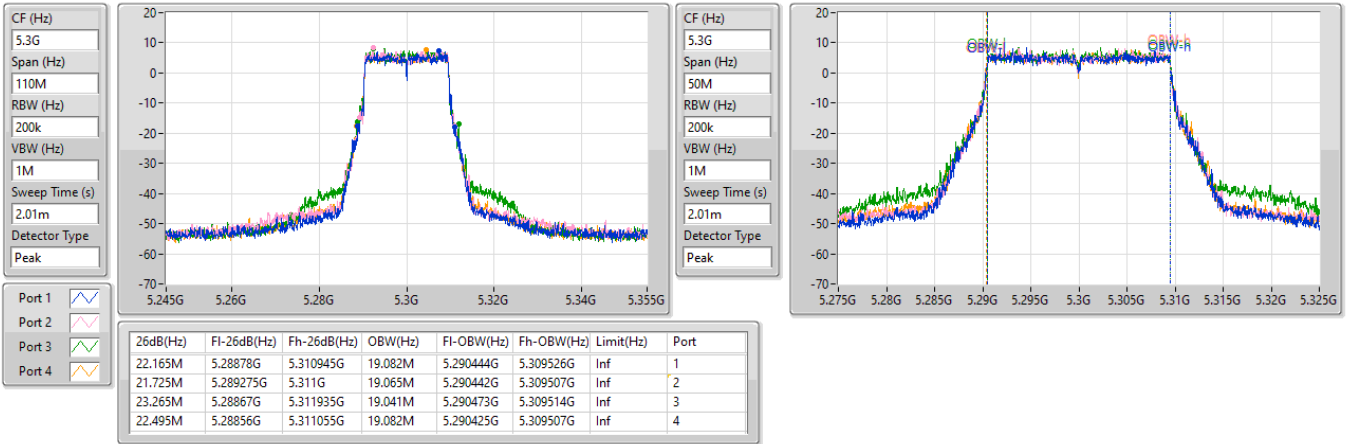


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5300MHz

03/09/2024

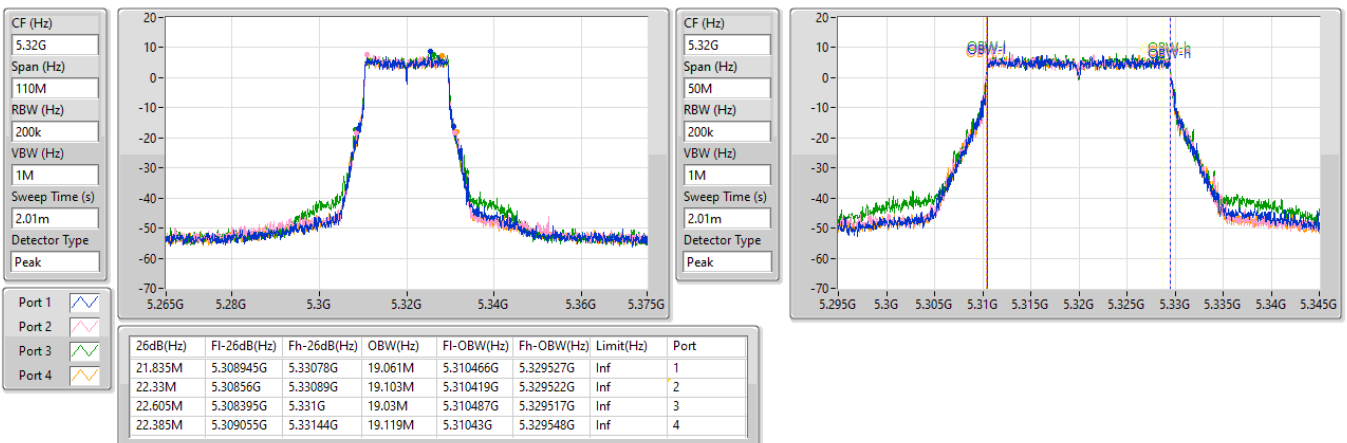


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

03/09/2024

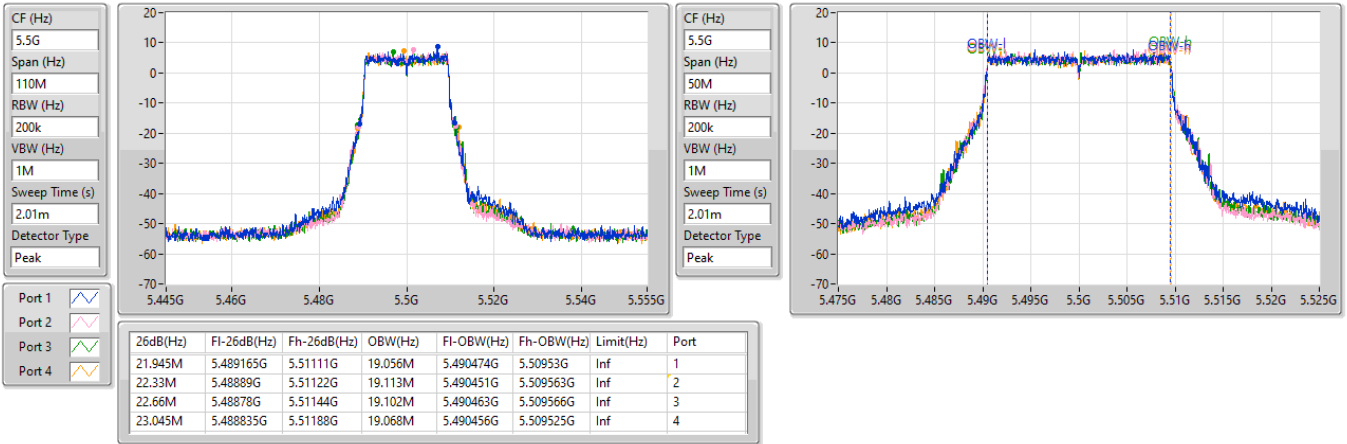


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5500MHz

03/09/2024

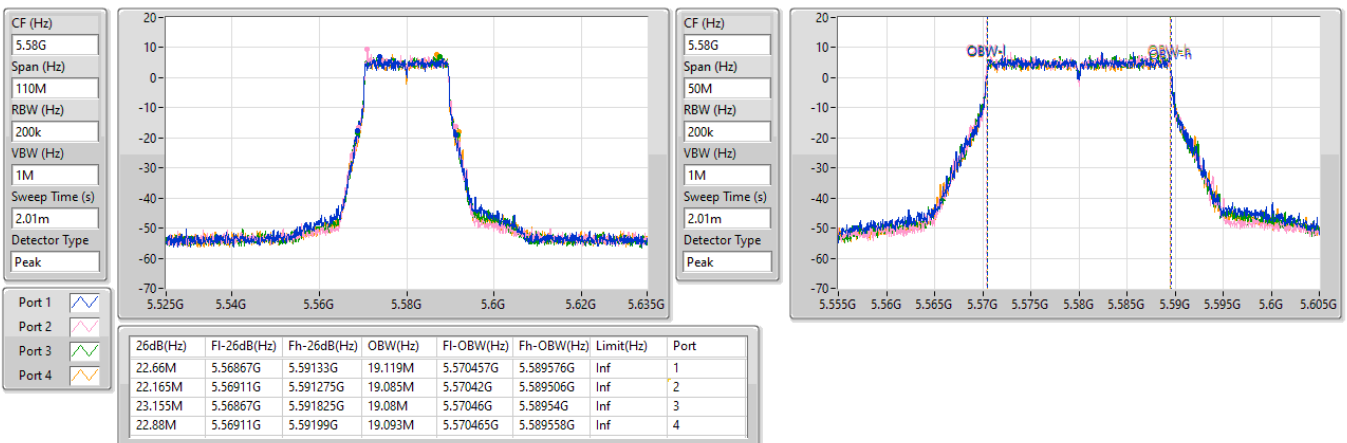


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

03/09/2024

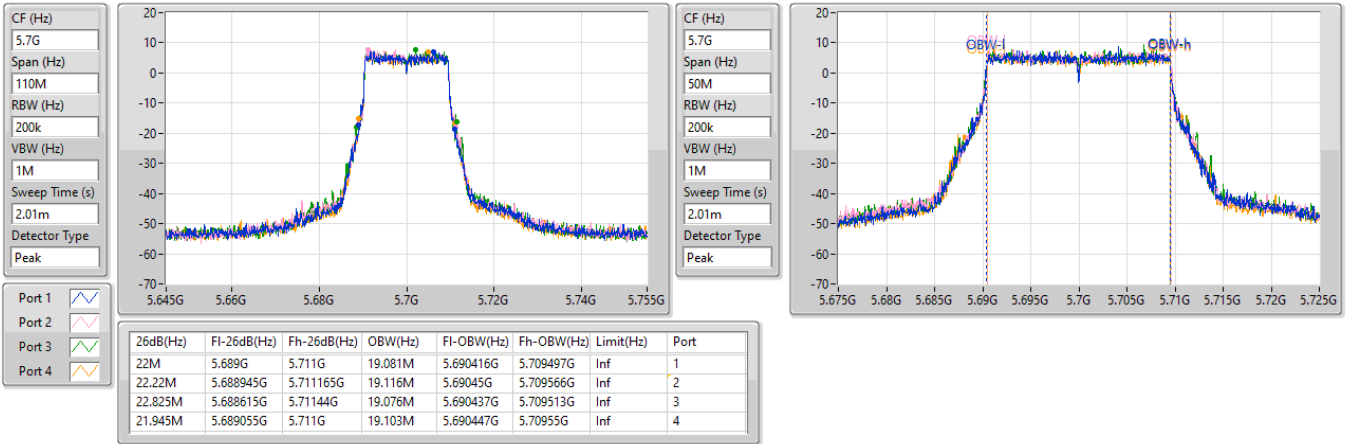


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5700MHz

03/09/2024

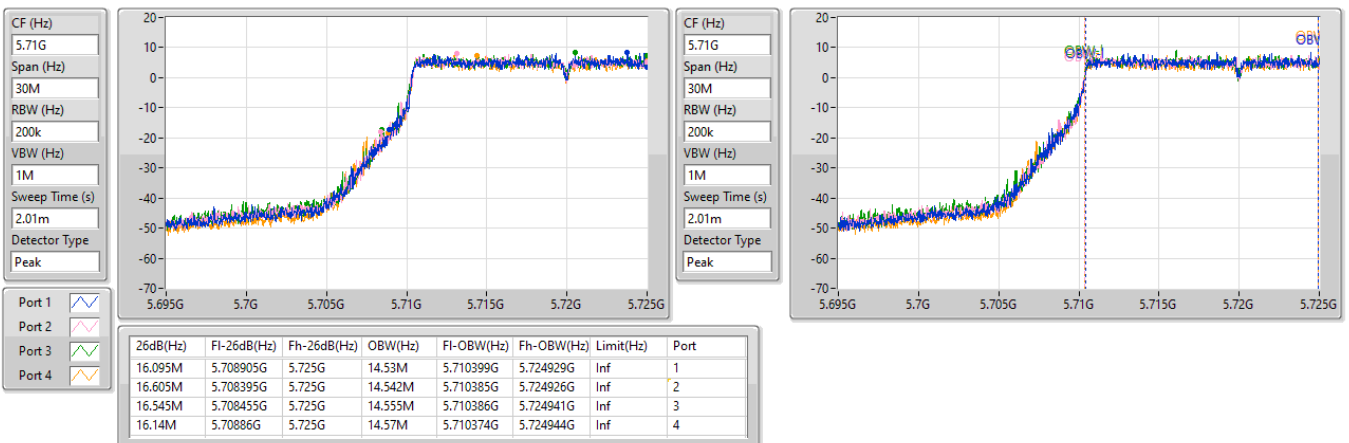


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

03/09/2024

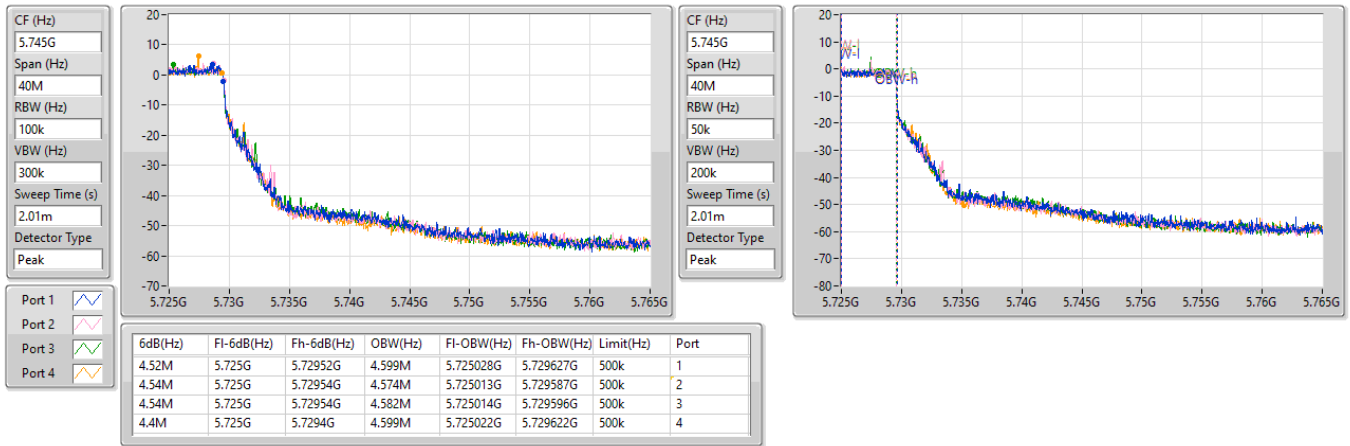


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/09/2024

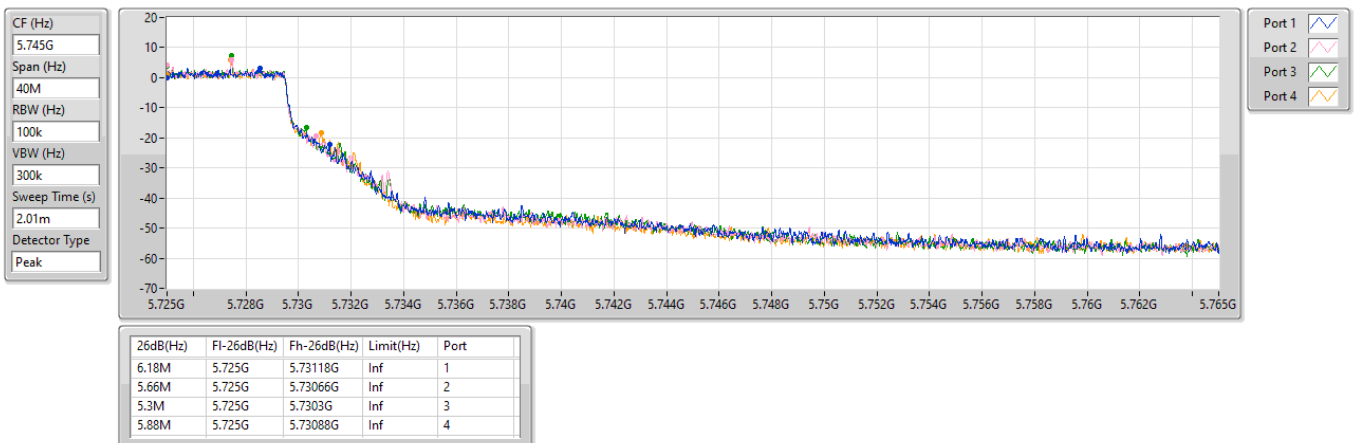


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

03/09/2024

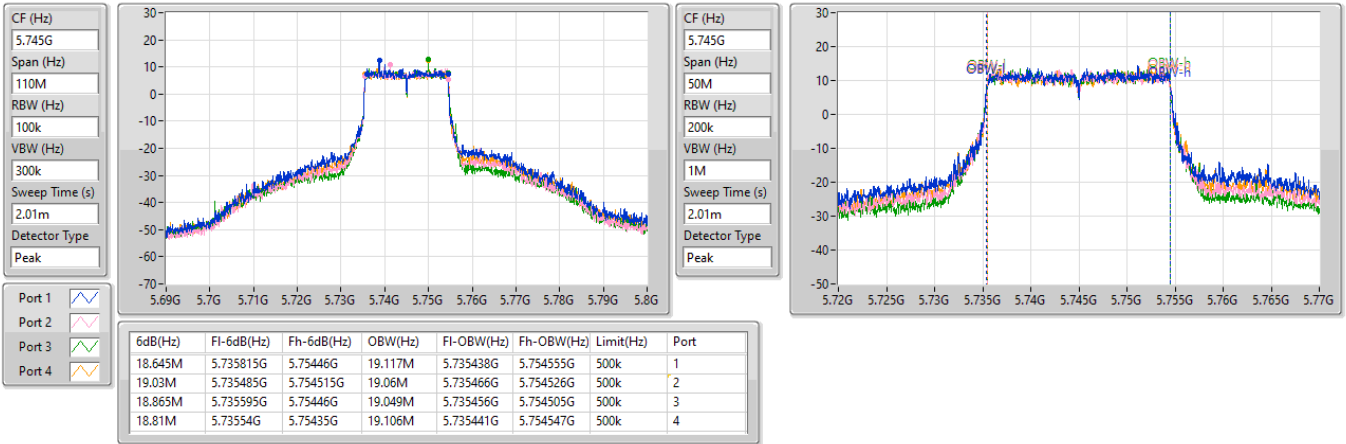


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5745MHz

03/09/2024



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

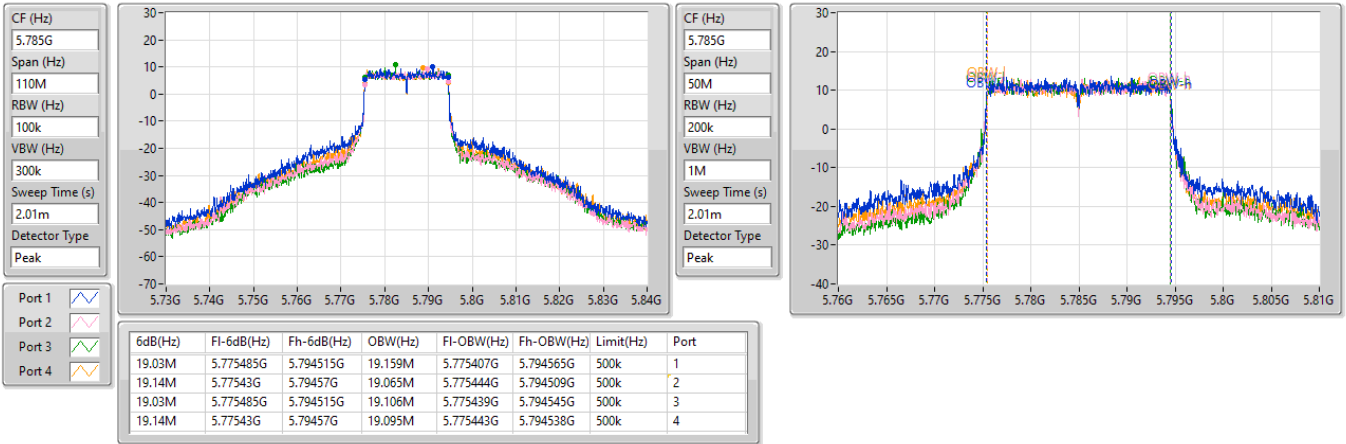
5745MHz

03/09/2024

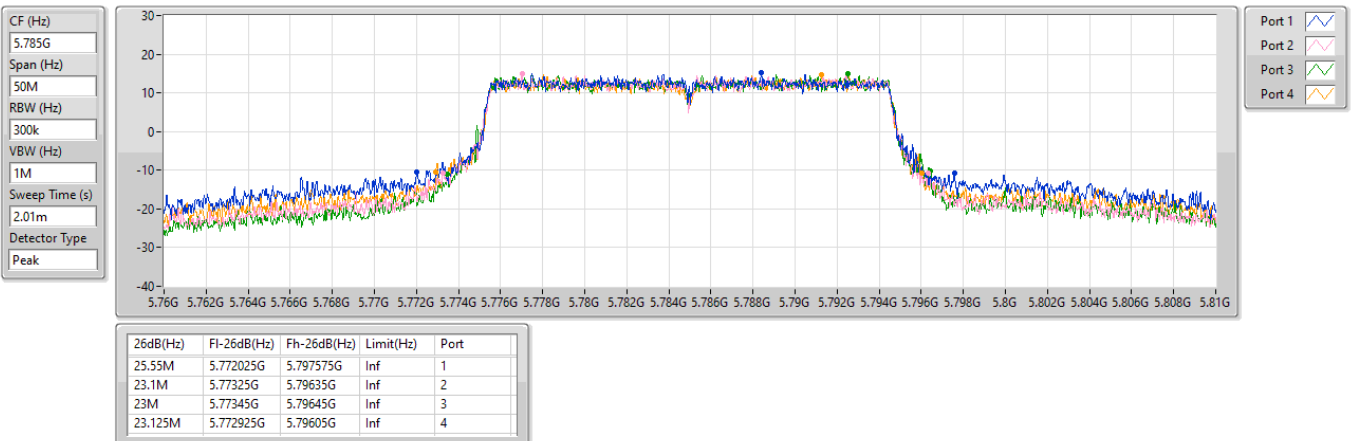


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5785MHz

03/09/2024


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5785MHz

03/09/2024

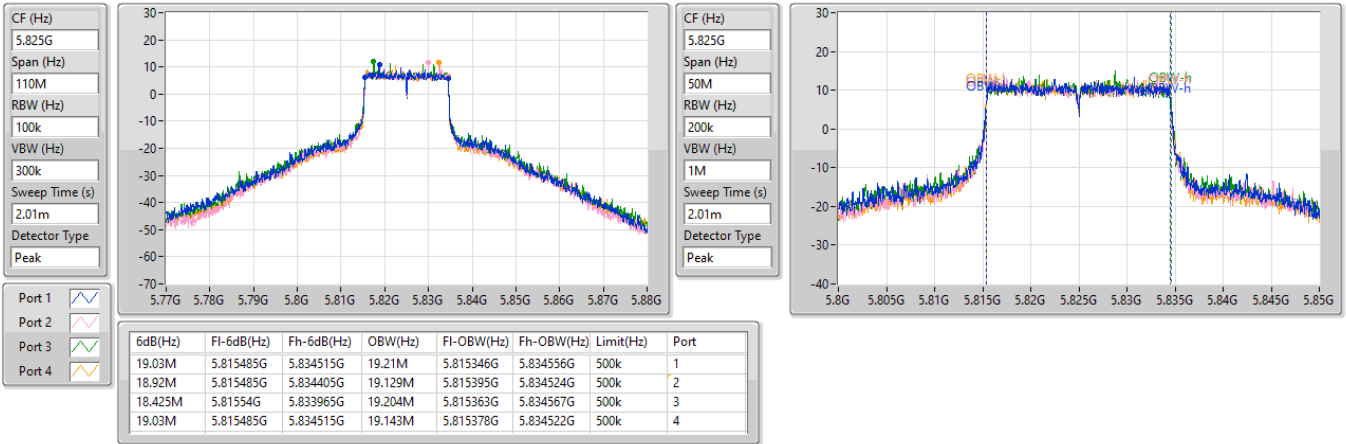


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

03/09/2024



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

03/09/2024

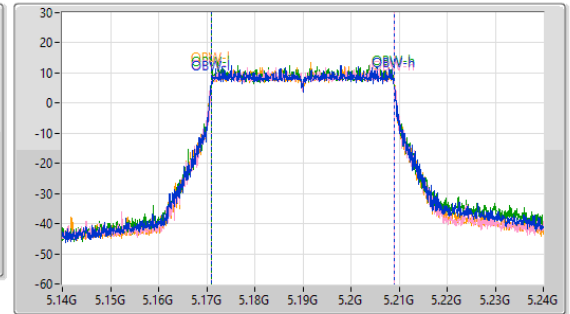
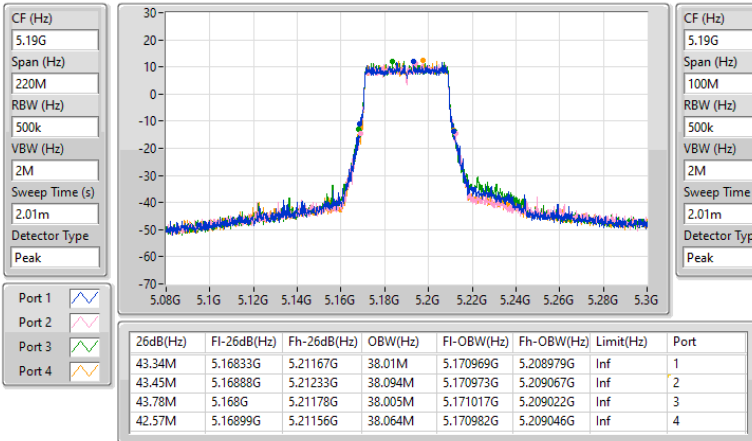


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

03/09/2024

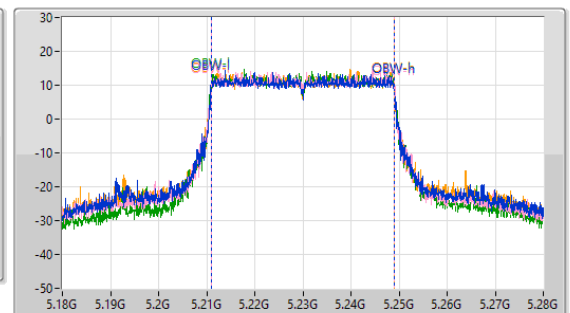
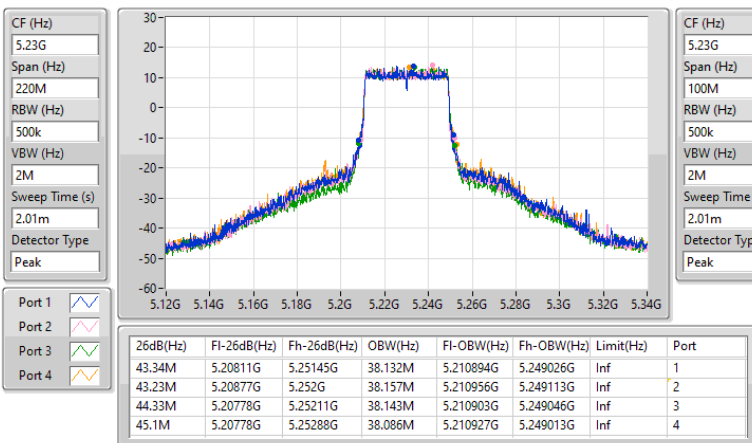


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

03/09/2024

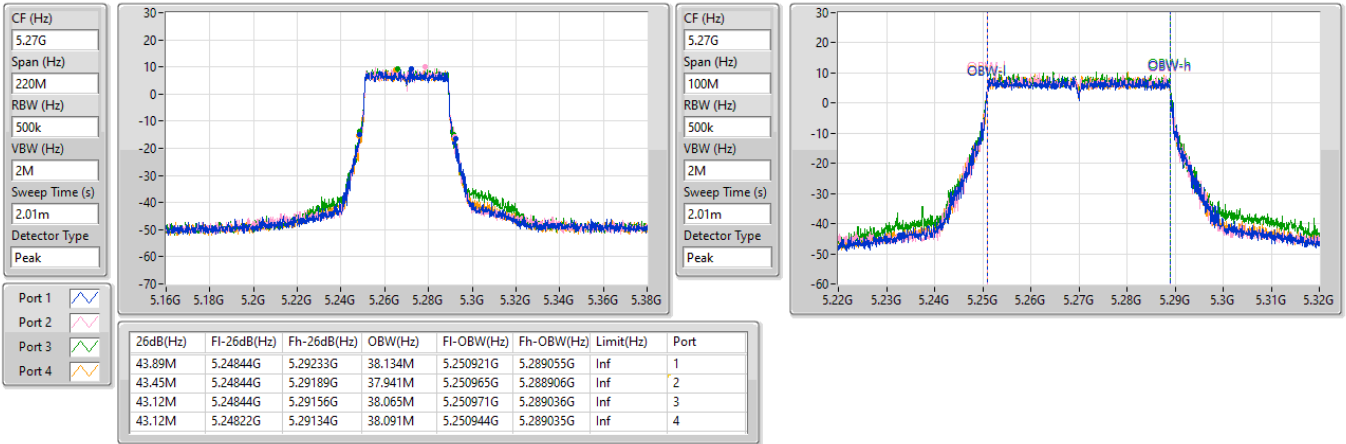


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

03/09/2024

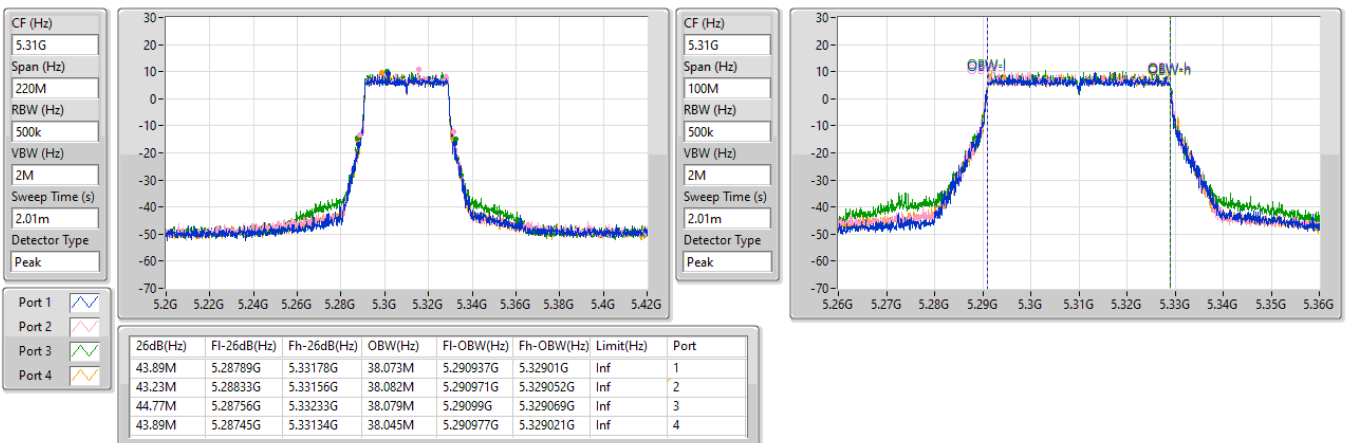


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

03/09/2024

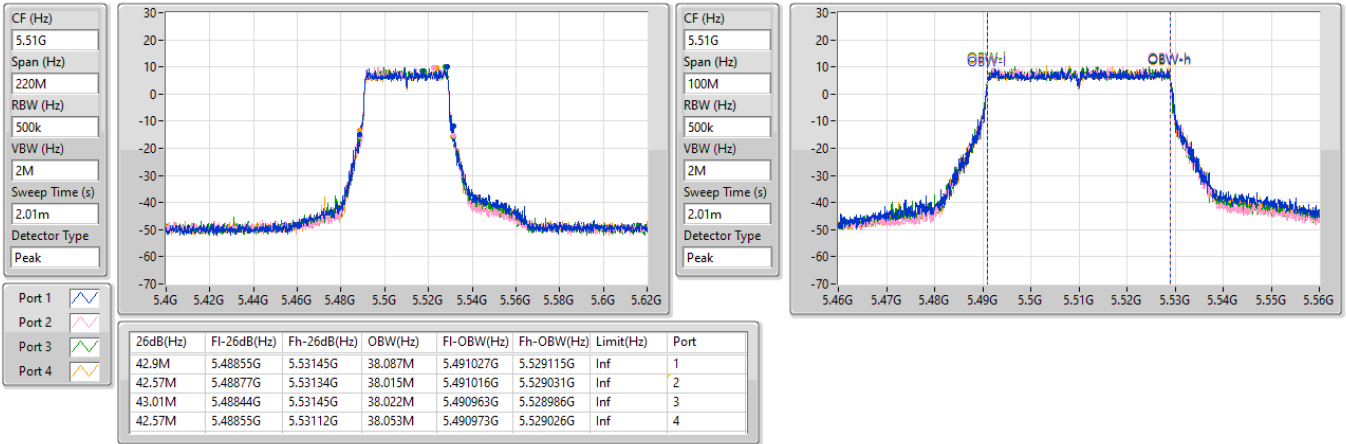


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

03/09/2024

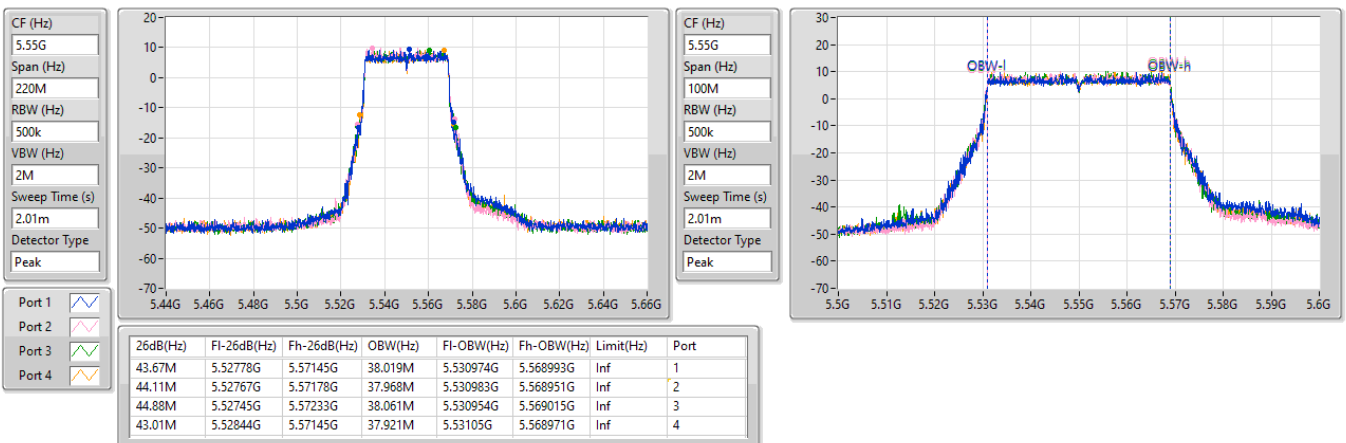


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5550MHz

03/09/2024

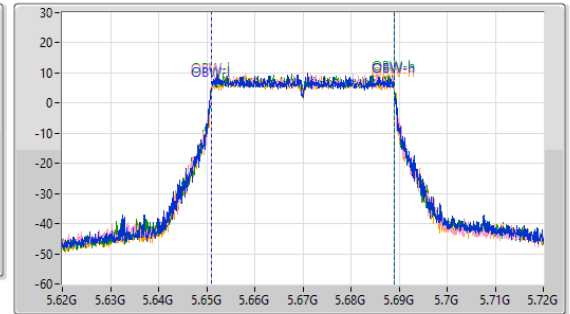
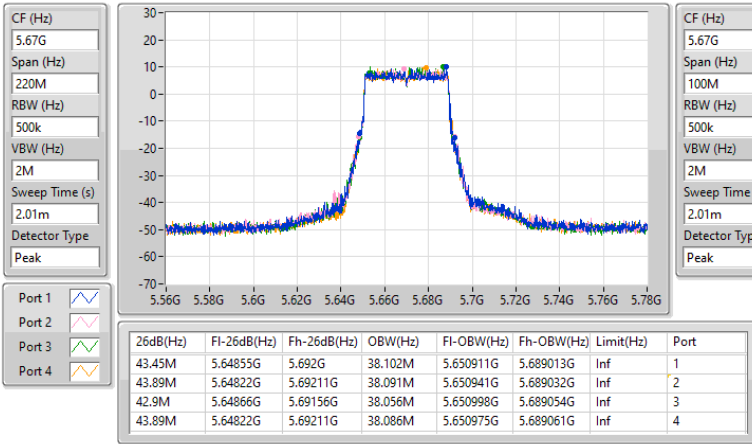


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5670MHz

03/09/2024

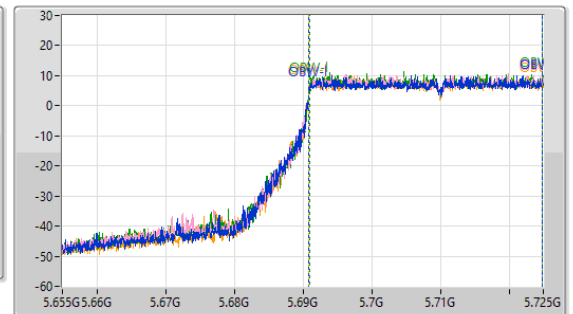
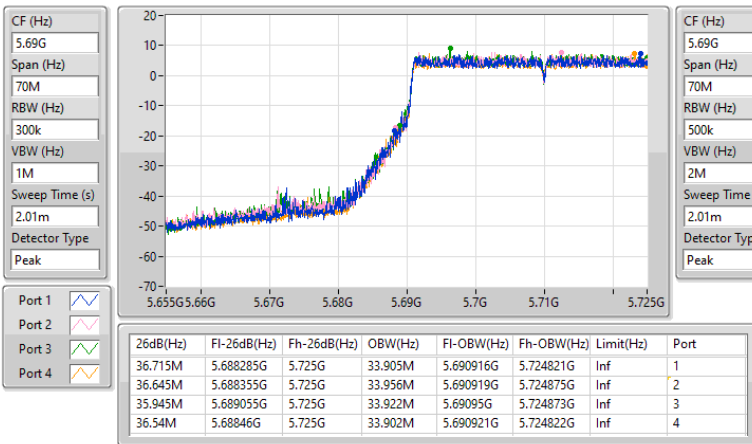


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

03/09/2024

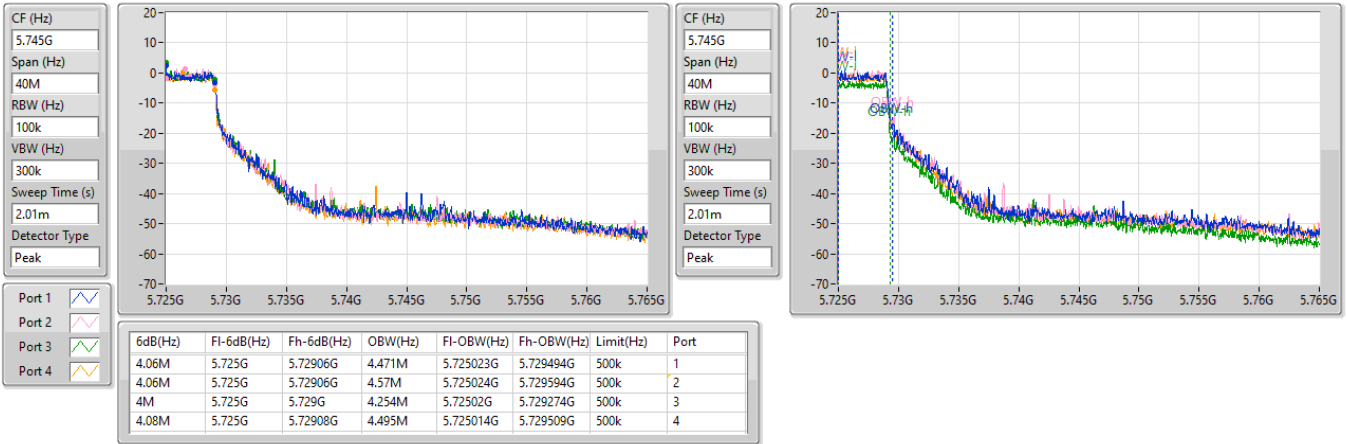


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/09/2024

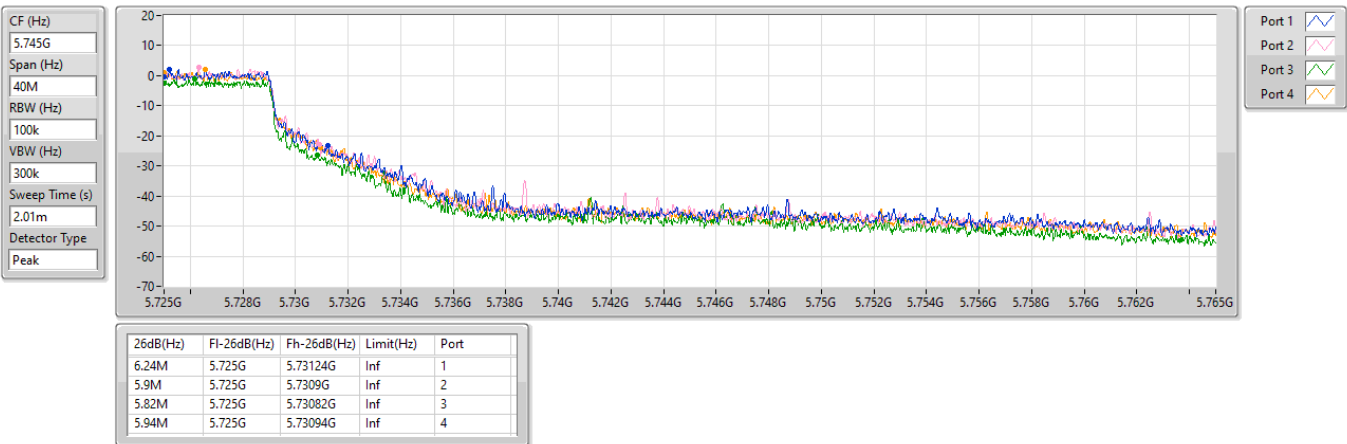


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/09/2024

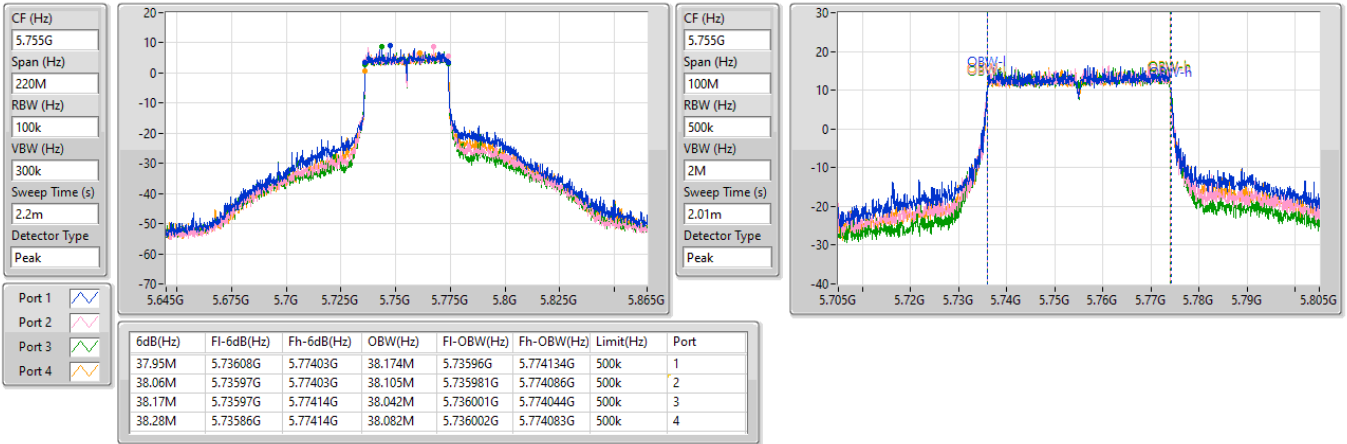


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

03/09/2024

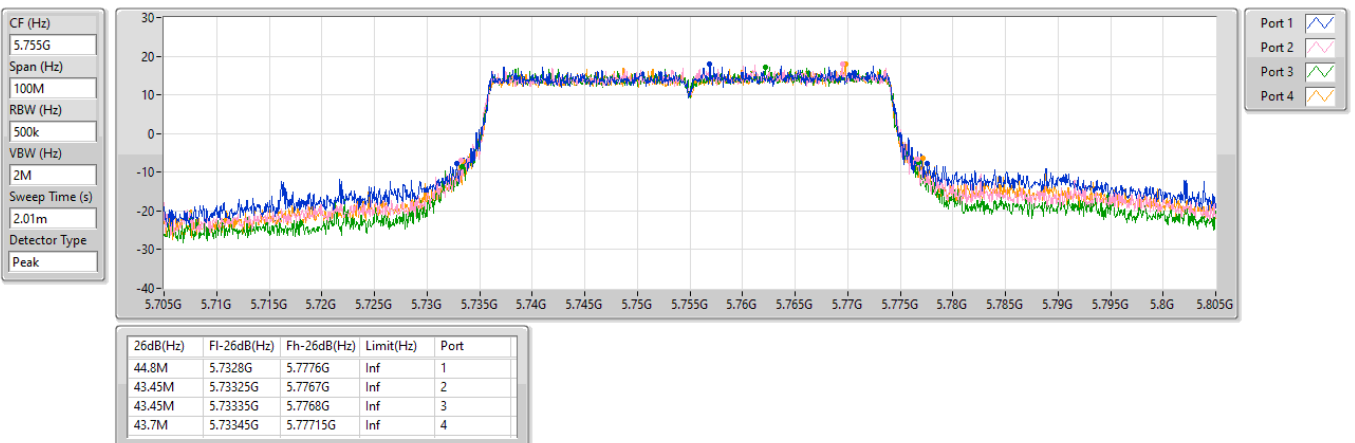


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

03/09/2024

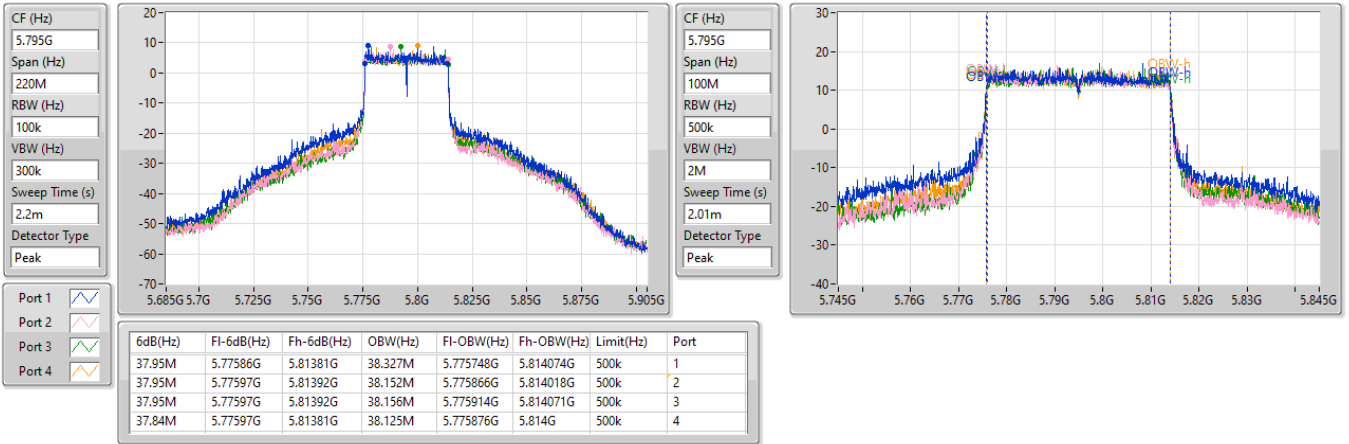


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

03/09/2024

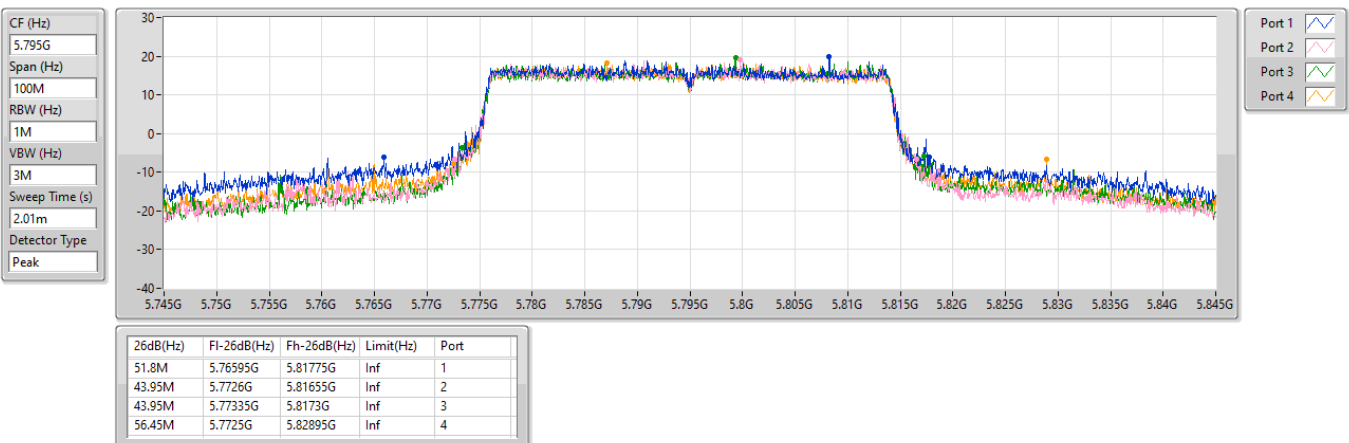


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

03/09/2024

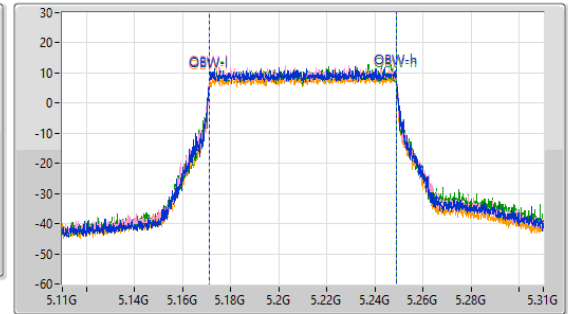
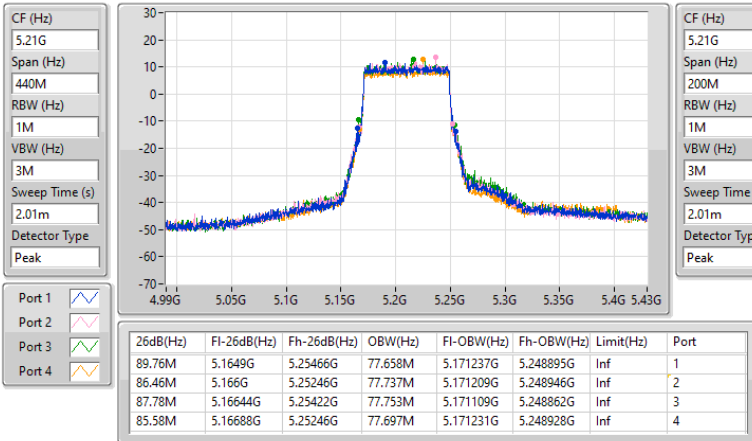


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

13/09/2024

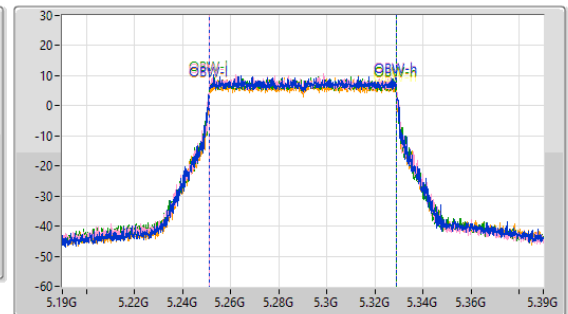
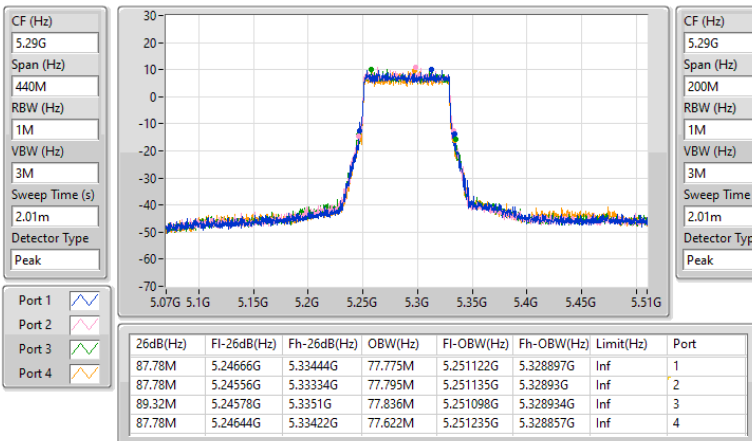


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

13/09/2024

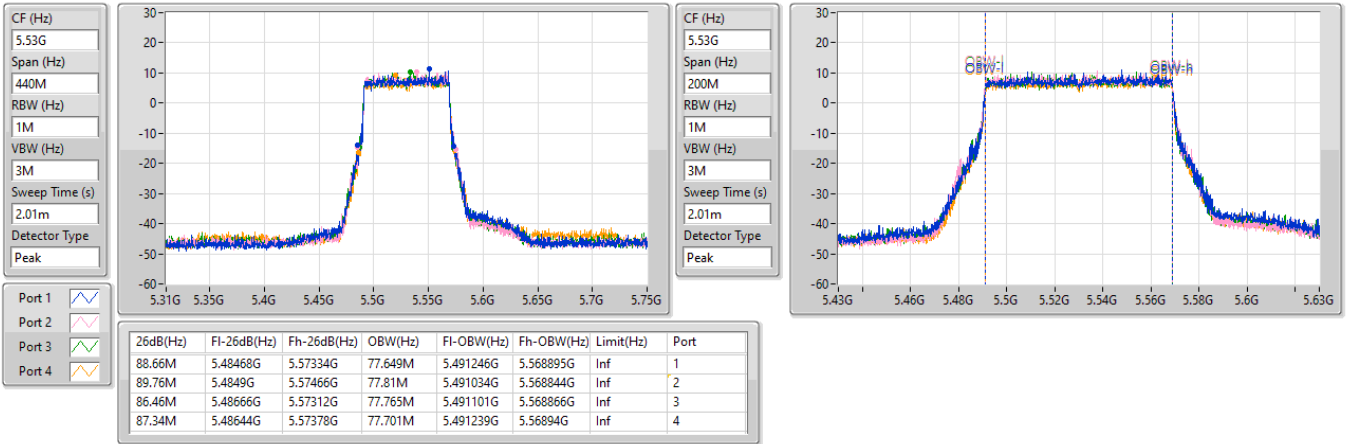


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

13/09/2024

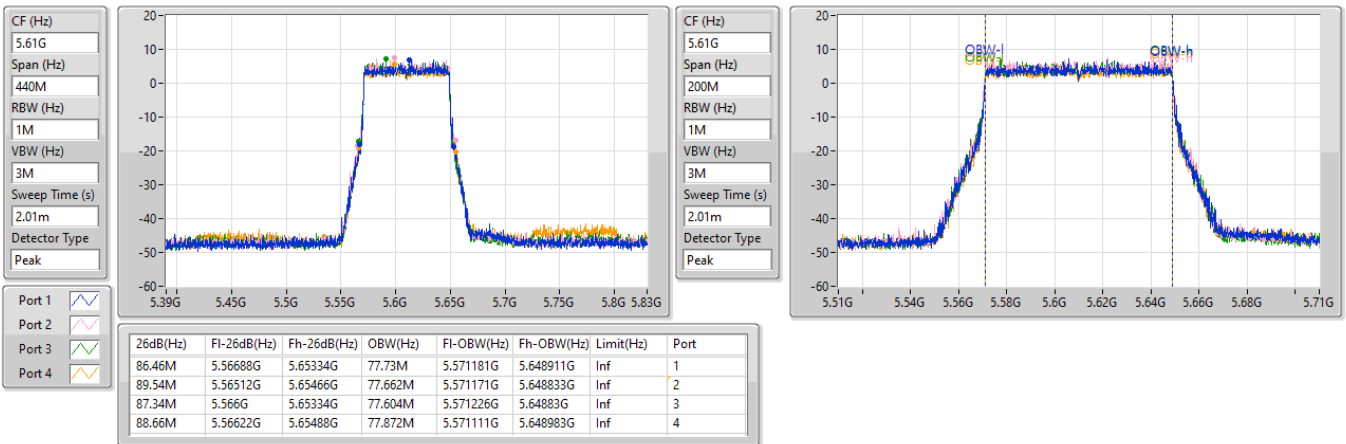


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5610MHz

13/09/2024

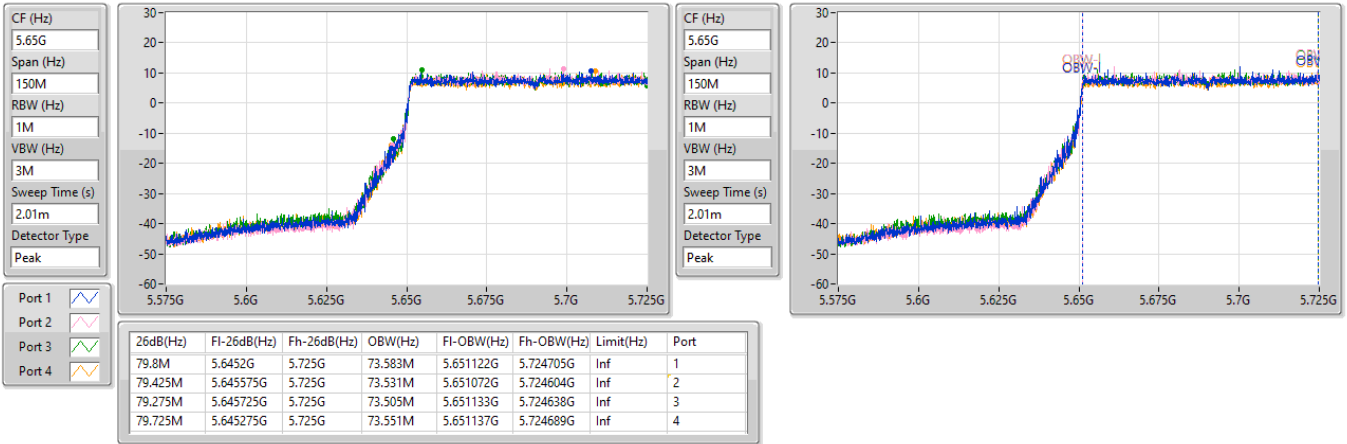


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

13/09/2024

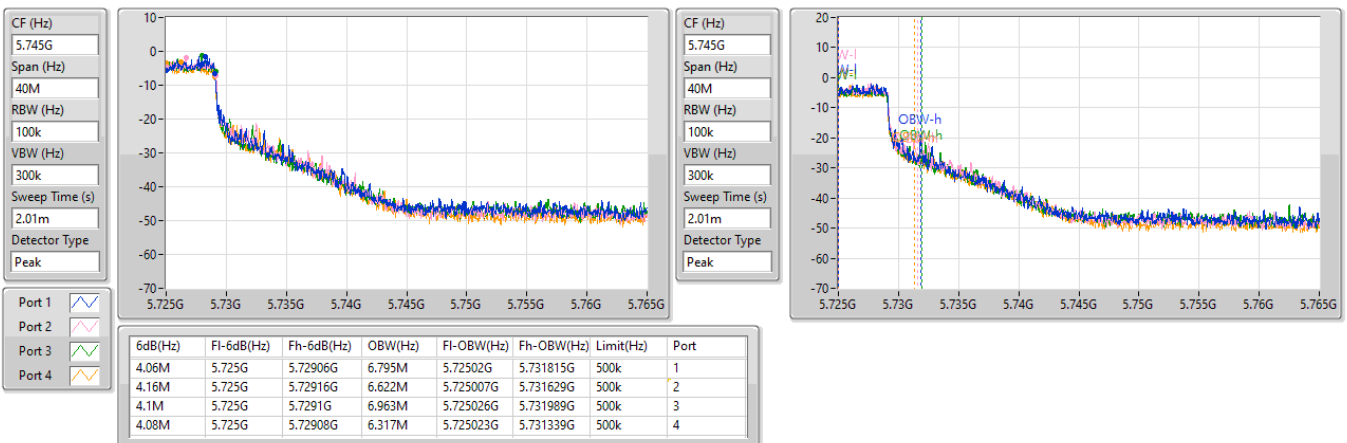


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

13/09/2024

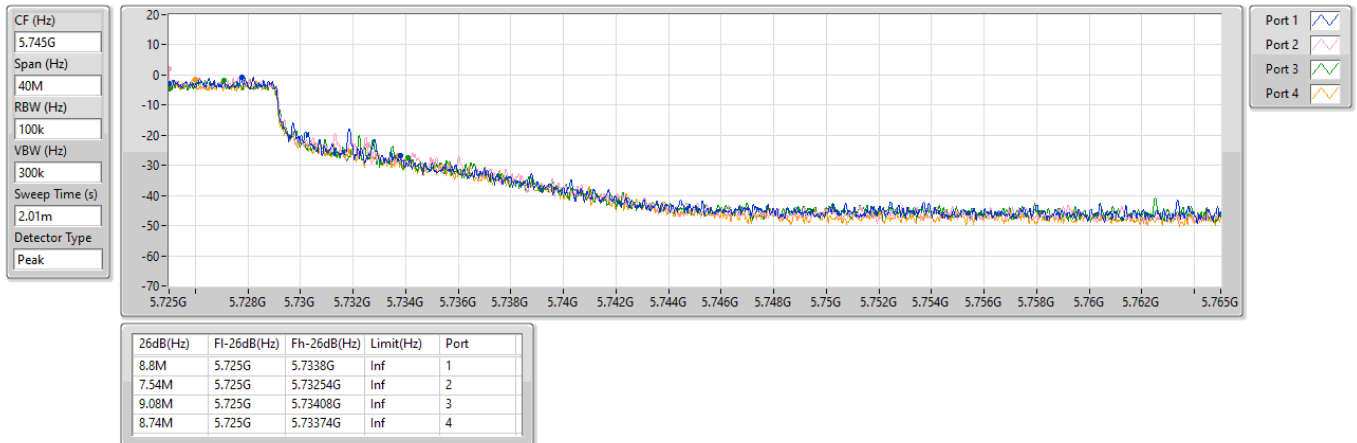


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

13/09/2024

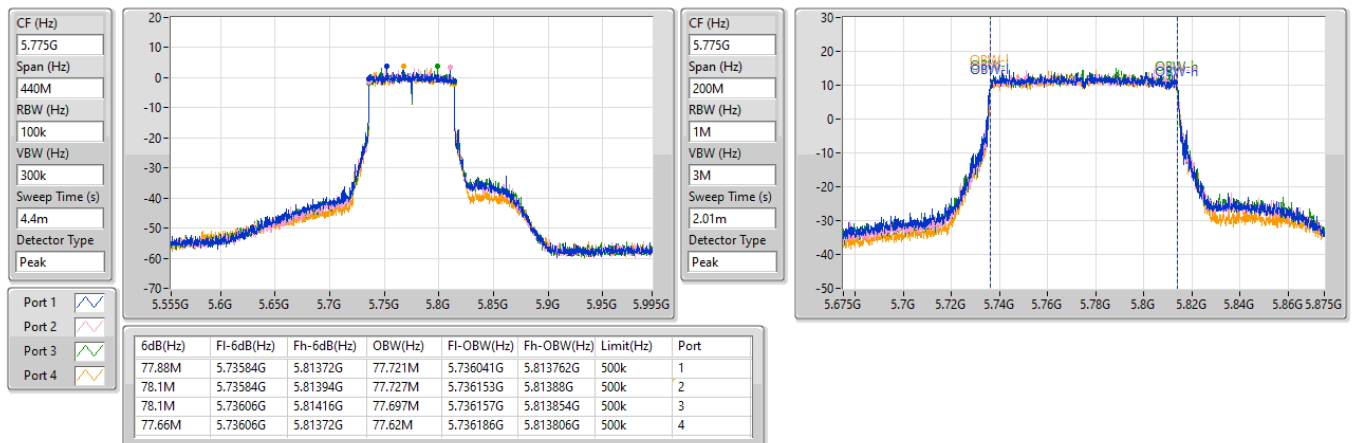


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

13/09/2024

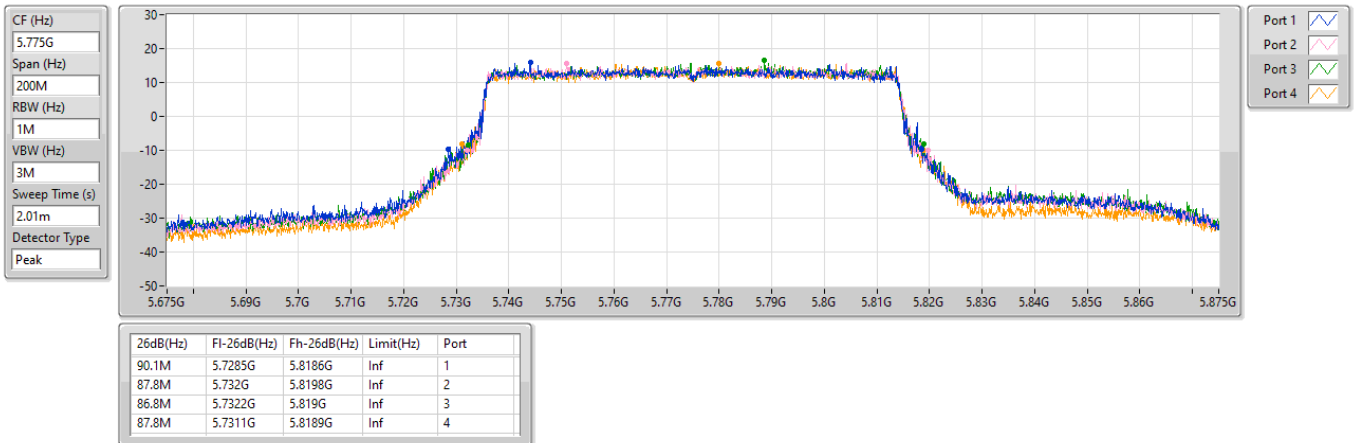


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

13/09/2024

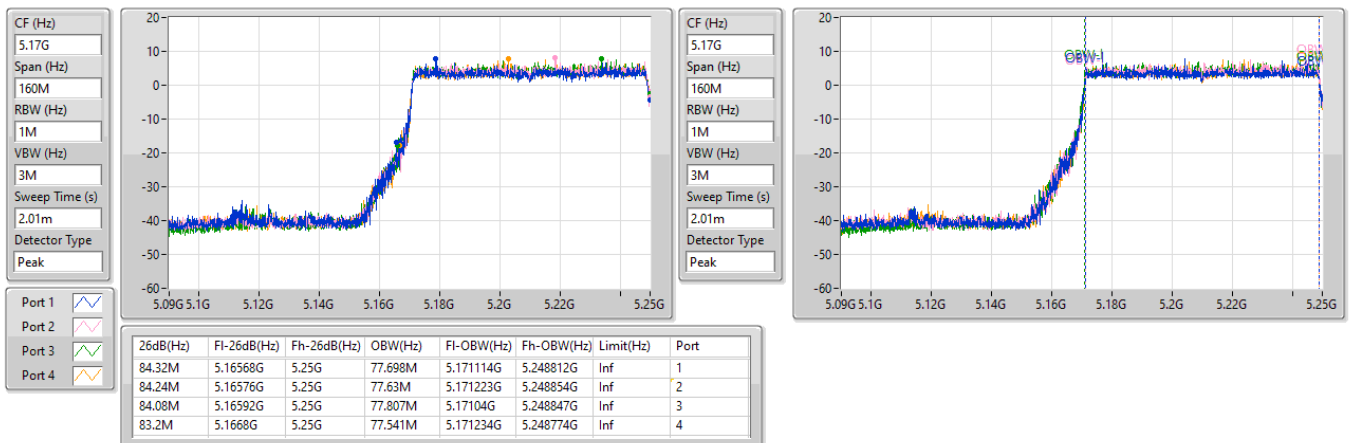


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

03/09/2024

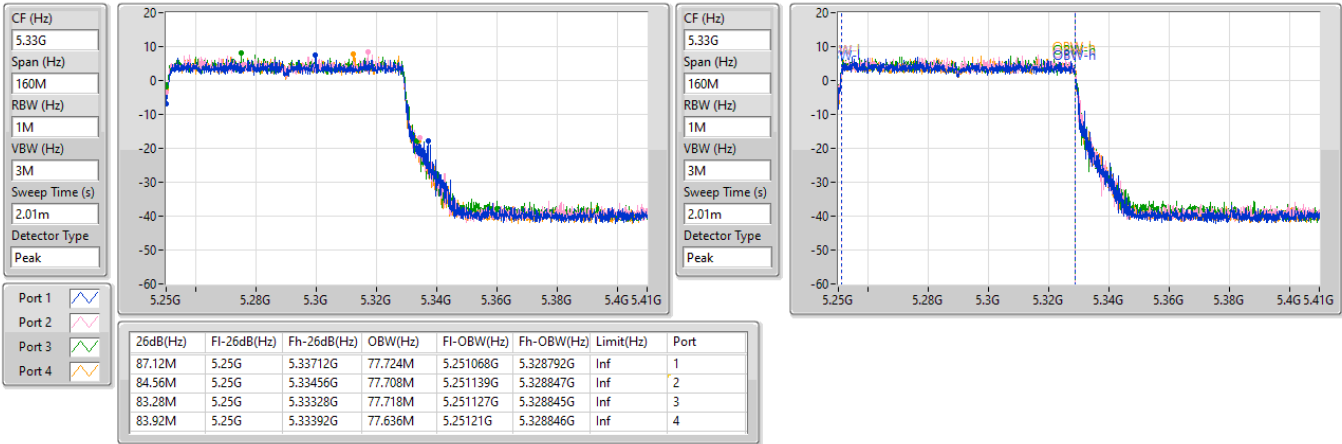


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

03/09/2024

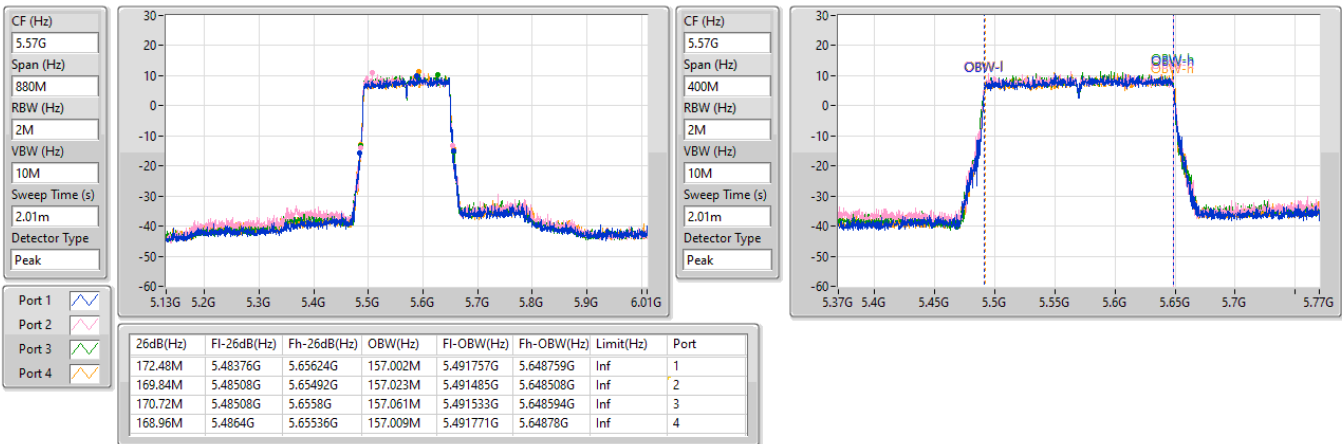


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

03/09/2024



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.64	0.92045
802.11be EHT20_Nss1,(MCS0)_4TX	29.74	0.94189
802.11be EHT20-BF_Nss1,(MCS0)_4TX	29.74	0.94189
802.11be EHT40_Nss1,(MCS0)_4TX	28.14	0.65163
802.11be EHT40-BF_Nss1,(MCS0)_4TX	28.14	0.65163
802.11be EHT80_Nss1,(MCS0)_4TX	25.64	0.36644
802.11be EHT80-BF_Nss1,(MCS0)_4TX	25.64	0.36644
802.11be EHT160_Nss1,(MCS0)_4TX	20.51	0.11246
802.11be EHT160-BF_Nss1,(MCS0)_4TX	20.51	0.11246
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.76	0.23768
802.11be EHT20_Nss1,(MCS0)_4TX	23.93	0.24717
802.11be EHT20-BF_Nss1,(MCS0)_4TX	23.65	0.23174
802.11be EHT40_Nss1,(MCS0)_4TX	23.72	0.23550
802.11be EHT40-BF_Nss1,(MCS0)_4TX	23.62	0.23014
802.11be EHT80_Nss1,(MCS0)_4TX	23.73	0.23605
802.11be EHT80-BF_Nss1,(MCS0)_4TX	23.33	0.21528
802.11be EHT160_Nss1,(MCS0)_4TX	20.58	0.11429
802.11be EHT160-BF_Nss1,(MCS0)_4TX	20.58	0.11429
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.29	0.21330
802.11be EHT20_Nss1,(MCS0)_4TX	23.85	0.24266
802.11be EHT20-BF_Nss1,(MCS0)_4TX	23.03	0.20091
802.11be EHT40_Nss1,(MCS0)_4TX	23.92	0.24660
802.11be EHT40-BF_Nss1,(MCS0)_4TX	22.89	0.19454
802.11be EHT80_Nss1,(MCS0)_4TX	23.89	0.24491
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.93	0.19634
802.11be EHT160_Nss1,(MCS0)_4TX	23.80	0.23988
802.11be EHT160-BF_Nss1,(MCS0)_4TX	22.84	0.19231
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.77	0.94842
802.11be EHT20_Nss1,(MCS0)_4TX	29.83	0.96161
802.11be EHT20-BF_Nss1,(MCS0)_4TX	29.30	0.85114
802.11be EHT40_Nss1,(MCS0)_4TX	29.86	0.96828
802.11be EHT40-BF_Nss1,(MCS0)_4TX	29.31	0.85310
802.11be EHT80_Nss1,(MCS0)_4TX	27.99	0.62951
802.11be EHT80-BF_Nss1,(MCS0)_4TX	27.99	0.62951

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	-	-	-	-	-	-	-	-
5180MHz	Pass	4.99	21.37	21.31	21.74	21.32	27.46	30.00
5200MHz	Pass	4.99	23.51	23.48	23.9	23.41	29.60	30.00
5240MHz	Pass	4.99	23.45	23.52	23.87	23.61	29.64	30.00
5260MHz	Pass	4.95	17.33	17.51	17.93	17.41	23.57	23.98
5300MHz	Pass	4.95	17.26	17.68	17.82	17.44	23.58	23.98
5320MHz	Pass	4.95	17.56	17.73	18.11	17.55	23.76	23.98
5500MHz	Pass	5.75	16.87	17.11	16.85	16.69	22.90	23.98
5580MHz	Pass	5.75	17.25	17.27	17.35	16.94	23.23	23.98
5700MHz	Pass	5.75	17.29	17.24	17.51	17.02	23.29	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.75	16.49	16.3	16.51	16.1	22.37	23.05
5720MHz Straddle 5.725-5.85GHz	Pass	5.75	10.58	10.57	10.69	10.44	16.59	30.00
5745MHz	Pass	5.75	23.79	23.65	23.75	23.57	29.71	30.00
5785MHz	Pass	5.75	23.73	23.63	23.56	23.48	29.62	30.00
5825MHz	Pass	5.75	23.77	23.74	23.87	23.62	29.77	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.99	21.07	21.14	21.37	20.94	27.15	30.00
5200MHz	Pass	4.99	23.56	23.69	23.61	23.52	29.62	30.00
5240MHz	Pass	4.99	23.59	23.72	23.91	23.65	29.74	30.00
5260MHz	Pass	4.95	17.45	17.79	18.09	17.55	23.75	23.98
5300MHz	Pass	4.95	17.36	17.69	17.9	17.53	23.65	23.98
5320MHz	Pass	4.95	17.61	17.97	18.28	17.74	23.93	23.98
5500MHz	Pass	5.75	17.57	17.66	17.61	17.28	23.55	23.98
5580MHz	Pass	5.75	17.87	17.98	18.01	17.45	23.85	23.98
5700MHz	Pass	5.75	17.61	17.99	18.17	17.5	23.85	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.75	16.85	16.72	16.93	16.19	22.70	23.07
5720MHz Straddle 5.725-5.85GHz	Pass	5.75	11.97	12.05	12.15	11.69	17.99	30.00
5745MHz	Pass	5.75	23.88	23.79	23.87	23.71	29.83	30.00
5785MHz	Pass	5.75	23.81	23.69	23.62	23.47	29.67	30.00
5825MHz	Pass	5.75	23.43	23.52	23.56	23.49	29.52	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.99	19.77	19.81	20.13	19.73	25.88	30.00
5230MHz	Pass	4.99	21.95	22.07	22.35	22.11	28.14	30.00
5270MHz	Pass	4.95	17.29	17.67	18.21	17.56	23.72	23.98
5310MHz	Pass	4.95	17.24	17.69	17.9	17.55	23.62	23.98
5510MHz	Pass	5.75	17.66	17.93	17.98	17.77	23.86	23.98
5550MHz	Pass	5.75	17.69	18.24	18.05	17.57	23.92	23.98
5670MHz	Pass	5.75	17.74	17.85	17.96	17.54	23.80	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.75	17.53	17.88	18.14	17.53	23.80	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.75	8.83	9.01	9.11	8.51	14.89	30.00
5755MHz	Pass	5.75	23.96	23.87	23.79	23.73	29.86	30.00
5795MHz	Pass	5.75	24.12	23.8	23.62	23.66	29.83	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.99	19.84	20.06	19.86	18.58	25.64	30.00
5290MHz	Pass	4.95	17.9	18.04	17.8	17.01	23.73	23.98
5530MHz	Pass	5.75	17.98	18.29	17.88	17.28	23.89	23.98
5610MHz	Pass	5.75	14.74	15.21	14.82	14.21	20.78	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.75	17.86	18.06	17.94	17.27	23.81	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.75	5.85	5.96	5.64	5.06	11.66	30.00
5775MHz	Pass	5.75	22.15	22.29	21.61	21.78	27.99	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.99	14.18	14.81	14.66	14.28	20.51	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.95	14.3	14.75	14.74	14.45	20.58	23.98
5570MHz	Pass	5.75	17.74	18.18	17.96	17.16	23.80	23.98
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5180MHz	Pass	6.14	21.07	21.14	21.37	20.94	27.15	29.86
5200MHz	Pass	6.14	23.56	23.69	23.61	23.52	29.62	29.86
5240MHz	Pass	6.14	23.59	23.72	23.91	23.65	29.74	29.86
5260MHz	Pass	6.28	16.94	17.27	17.56	17.05	23.23	23.70
5300MHz	Pass	6.28	17.36	17.69	17.9	17.53	23.65	23.70
5320MHz	Pass	6.28	17.09	17.43	17.72	17.23	23.39	23.70
5500MHz	Pass	6.81	17.05	17.13	17.08	16.77	23.03	23.17
5580MHz	Pass	6.81	16.91	16.98	17.02	16.49	22.88	23.17
5700MHz	Pass	6.81	16.66	17.02	17.15	16.53	22.87	23.17
5720MHz Straddle 5.47-5.725GHz	Pass	6.81	16.2	16.21	16.3	15.95	22.19	22.26
5720MHz Straddle 5.725-5.85GHz	Pass	6.64	11.31	11.51	11.69	11.39	17.50	29.36
5745MHz	Pass	6.64	23.34	23.26	23.31	23.19	29.30	29.36
5785MHz	Pass	6.64	23.28	23.15	23.11	22.95	29.14	29.36
5825MHz	Pass	6.64	22.91	22.98	23.03	22.94	28.99	29.36
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.14	19.77	19.81	20.13	19.73	25.88	29.86
5230MHz	Pass	6.14	21.95	22.07	22.35	22.11	28.14	29.86
5270MHz	Pass	6.28	16.84	17.18	17.67	17.09	23.23	23.70
5310MHz	Pass	6.28	17.24	17.69	17.9	17.55	23.62	23.70
5510MHz	Pass	6.81	16.62	16.89	16.95	16.72	22.82	23.17
5550MHz	Pass	6.81	16.65	17.21	17.03	16.52	22.88	23.17
5670MHz	Pass	6.81	16.72	16.84	16.92	16.51	22.77	23.17
5710MHz Straddle 5.47-5.725GHz	Pass	6.81	16.72	16.97	17.04	16.74	22.89	23.17
5710MHz Straddle 5.725-5.85GHz	Pass	6.64	7.98	7.94	8.15	7.76	13.98	29.36
5755MHz	Pass	6.64	23.41	23.32	23.24	23.19	29.31	29.36
5795MHz	Pass	6.64	23.58	23.25	23.08	23.13	29.29	29.36
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.14	19.84	20.06	19.86	18.58	25.64	29.86
5290MHz	Pass	6.28	17.47	17.77	17.29	16.63	23.33	23.70
5530MHz	Pass	6.81	17.07	17.28	16.92	16.31	22.93	23.17
5610MHz	Pass	6.81	14.74	15.21	14.82	14.21	20.78	23.17
5690MHz Straddle 5.47-5.725GHz	Pass	6.81	16.83	17.19	16.86	16.36	22.84	23.17
5690MHz Straddle 5.725-5.85GHz	Pass	6.64	4.89	4.84	4.51	4.35	10.67	29.36
5775MHz	Pass	6.64	22.15	22.29	21.61	21.78	27.99	29.36
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.14	14.18	14.81	14.66	14.28	20.51	29.86
5250MHz Straddle 5.25-5.35GHz	Pass	6.28	14.3	14.75	14.74	14.45	20.58	23.70
5570MHz	Pass	6.81	16.75	17.19	16.94	16.35	22.84	23.17

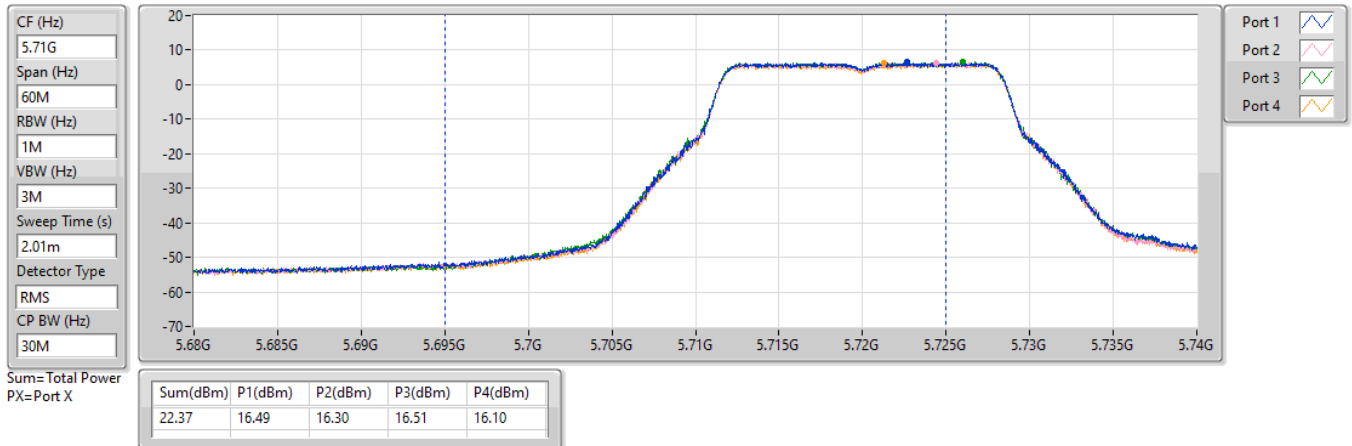
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

03/09/2024

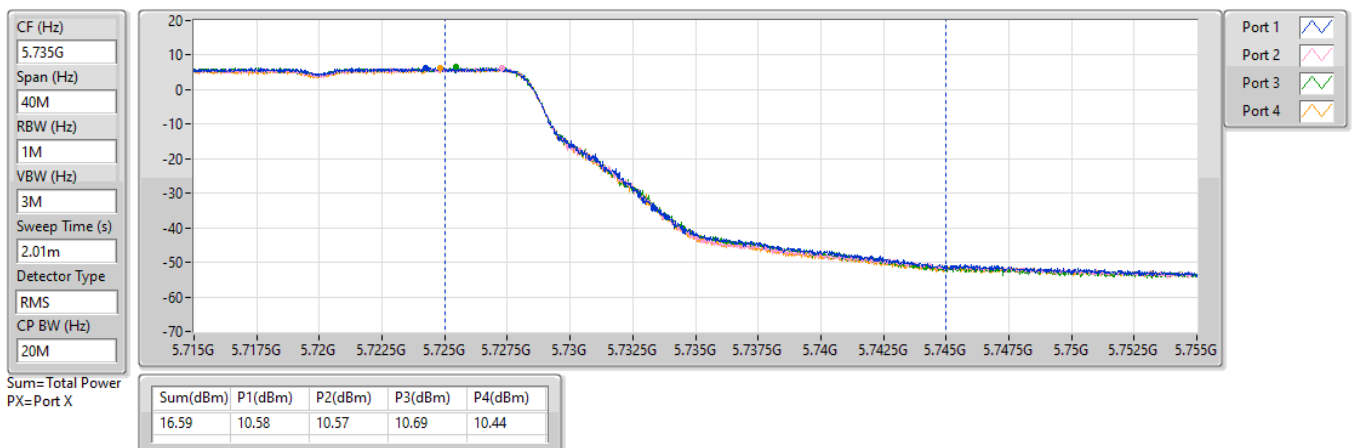


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

03/09/2024

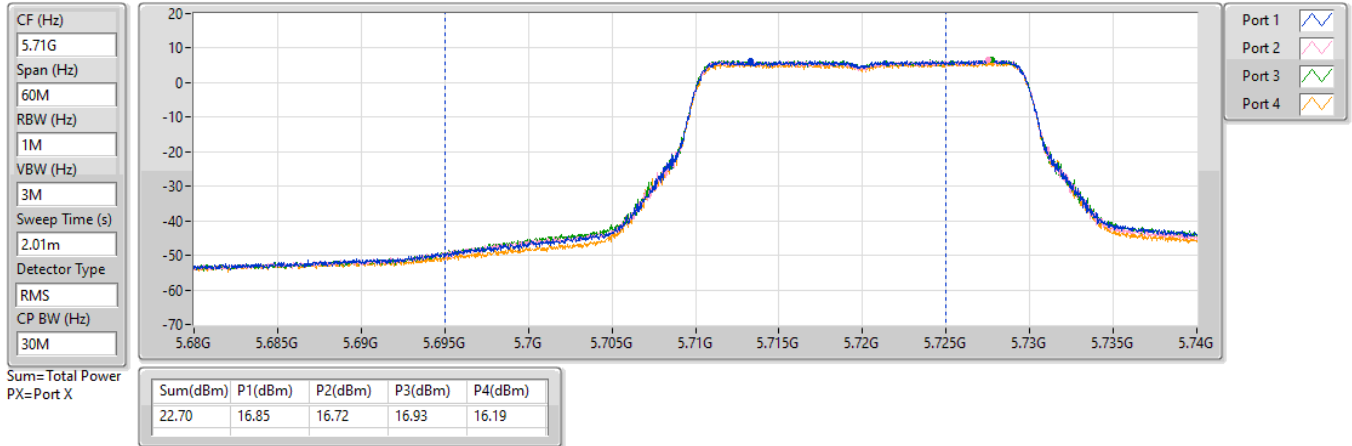


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

03/09/2024

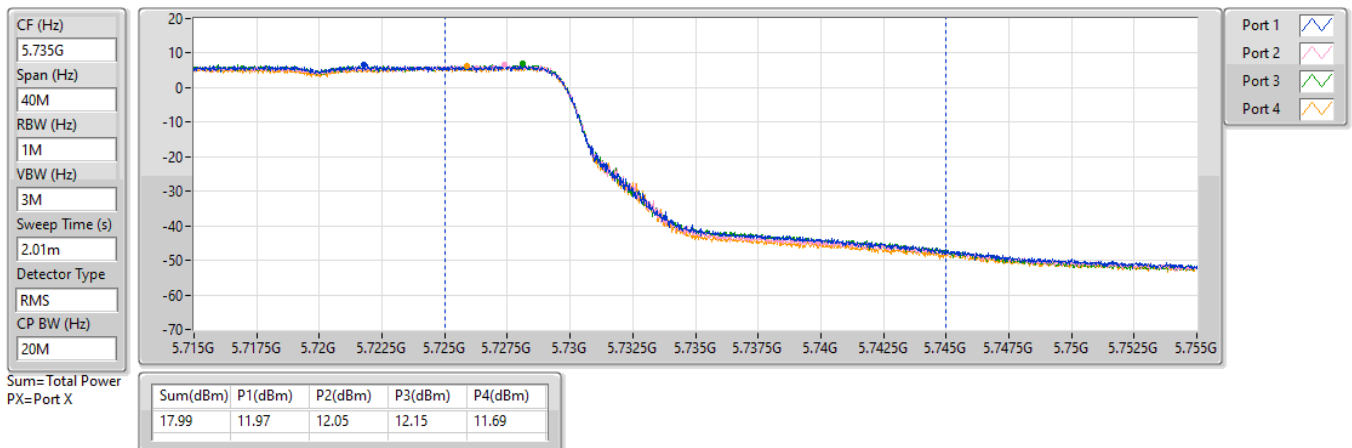


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

03/09/2024

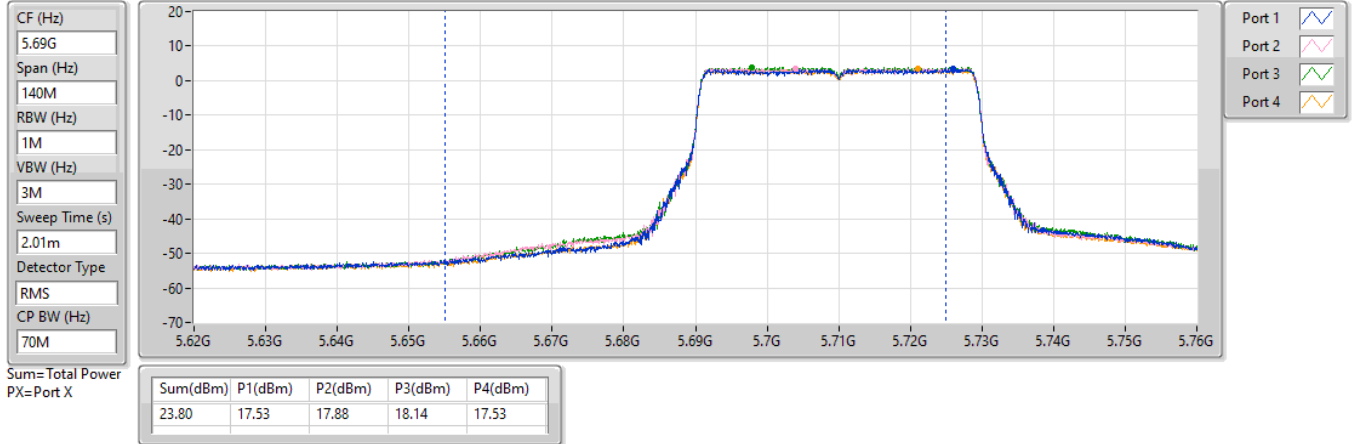


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

03/09/2024

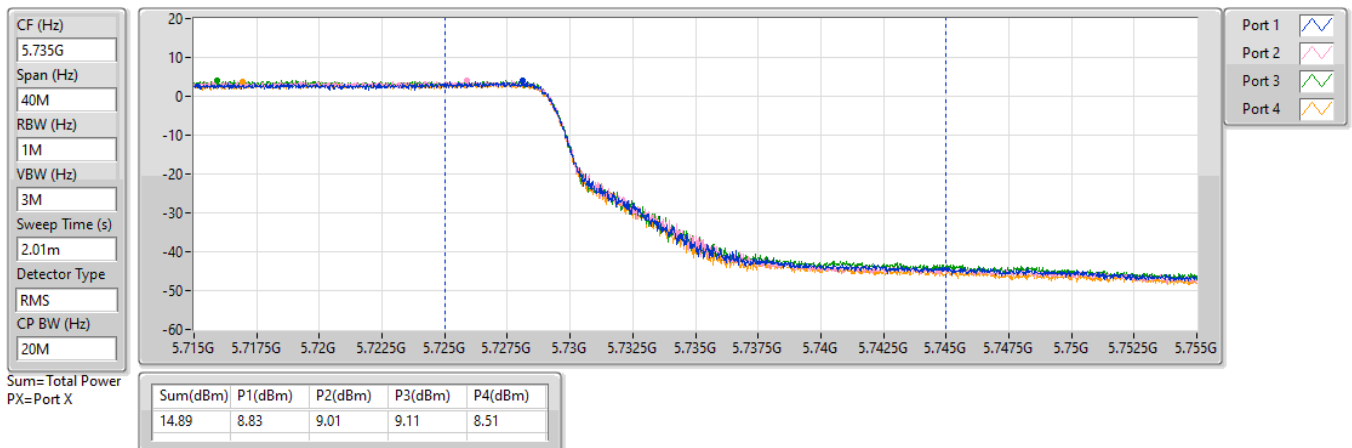


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

03/09/2024

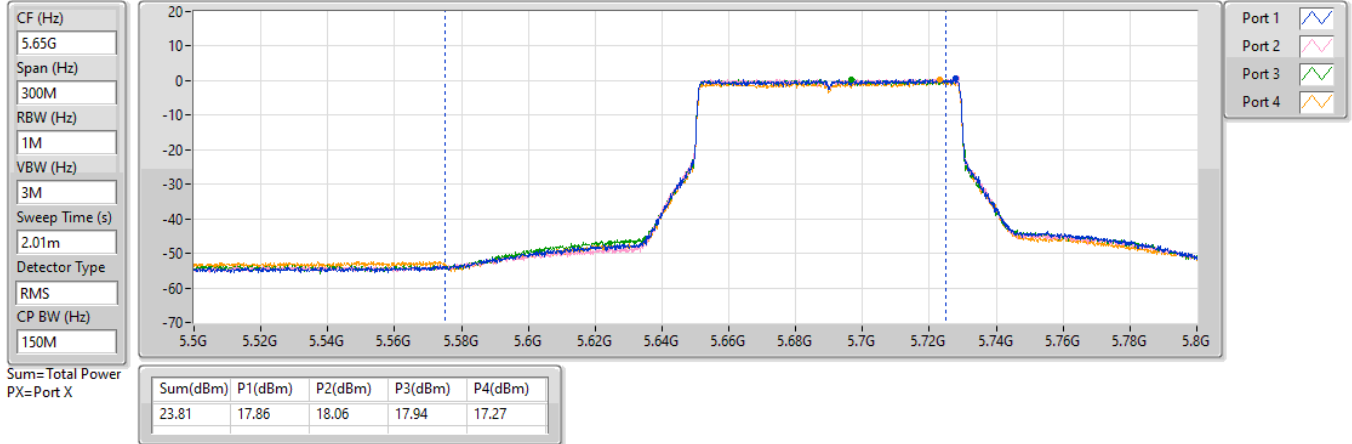


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

13/09/2024

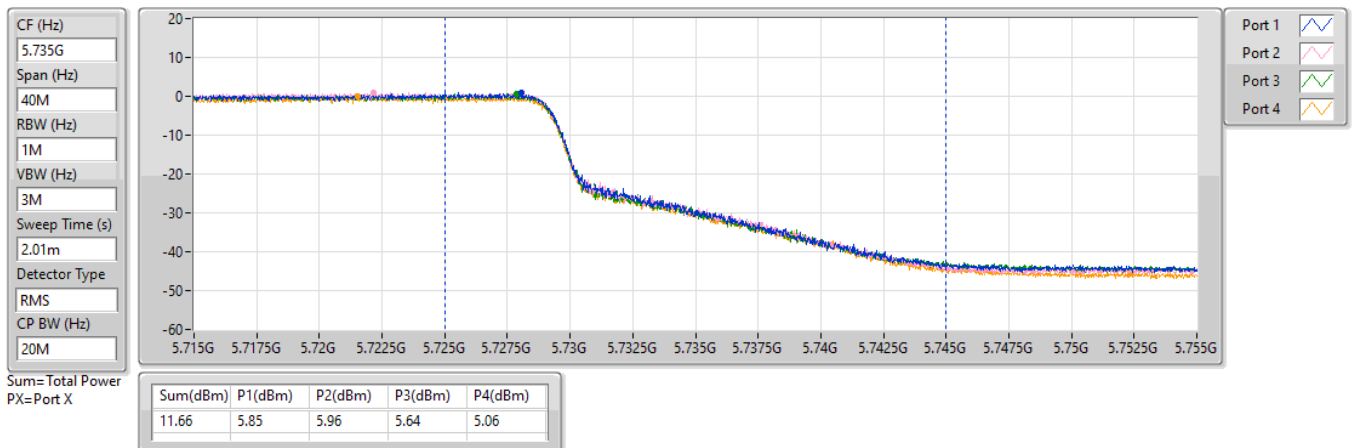


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

13/09/2024

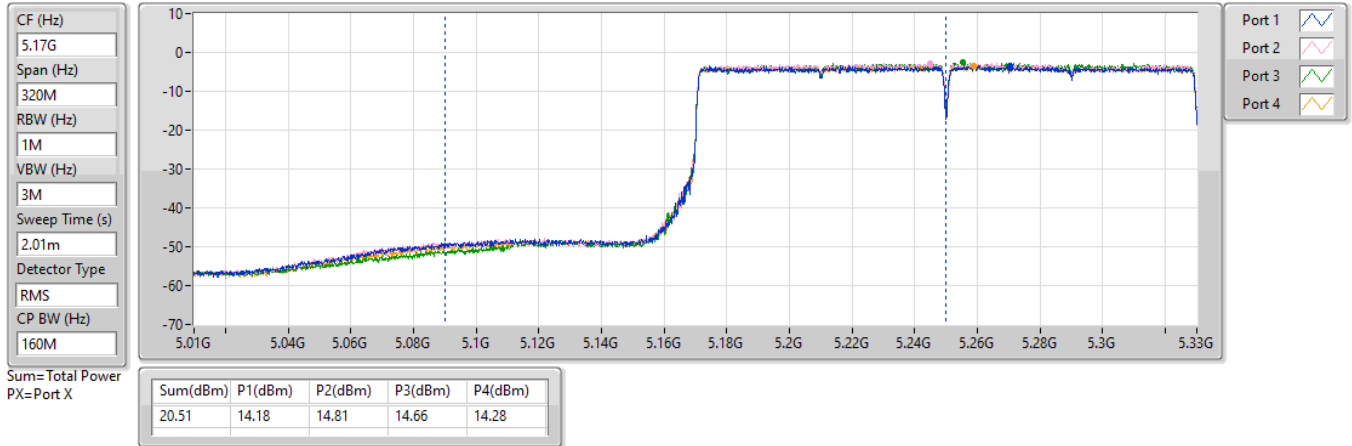


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

03/09/2024

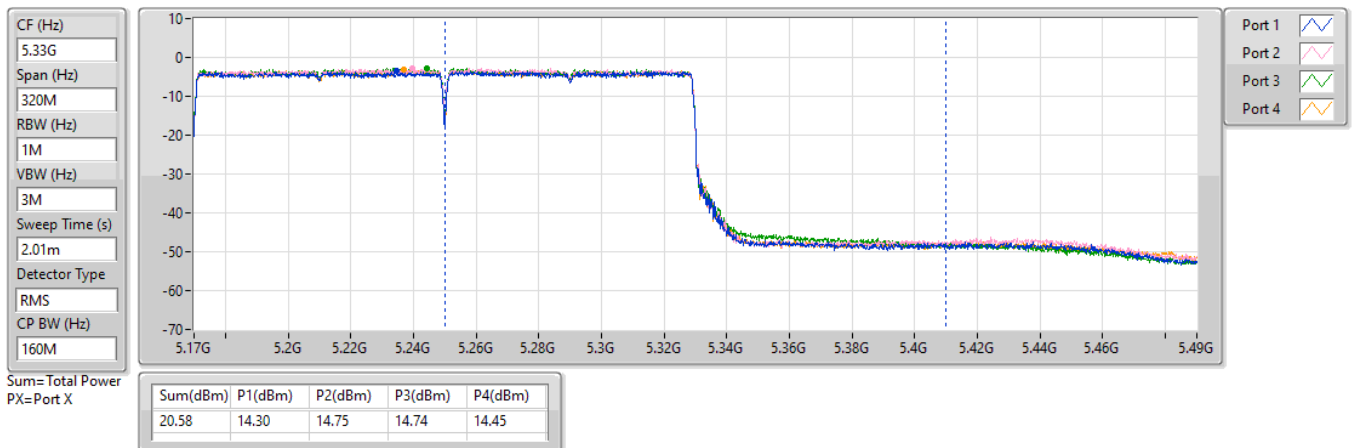


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

03/09/2024

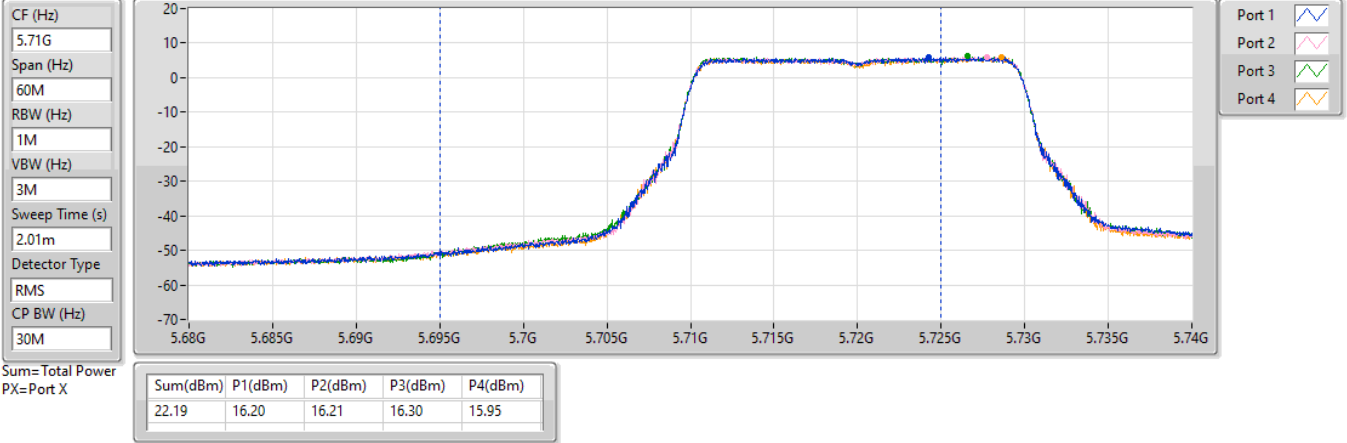


5.47-5.725GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

03/09/2024

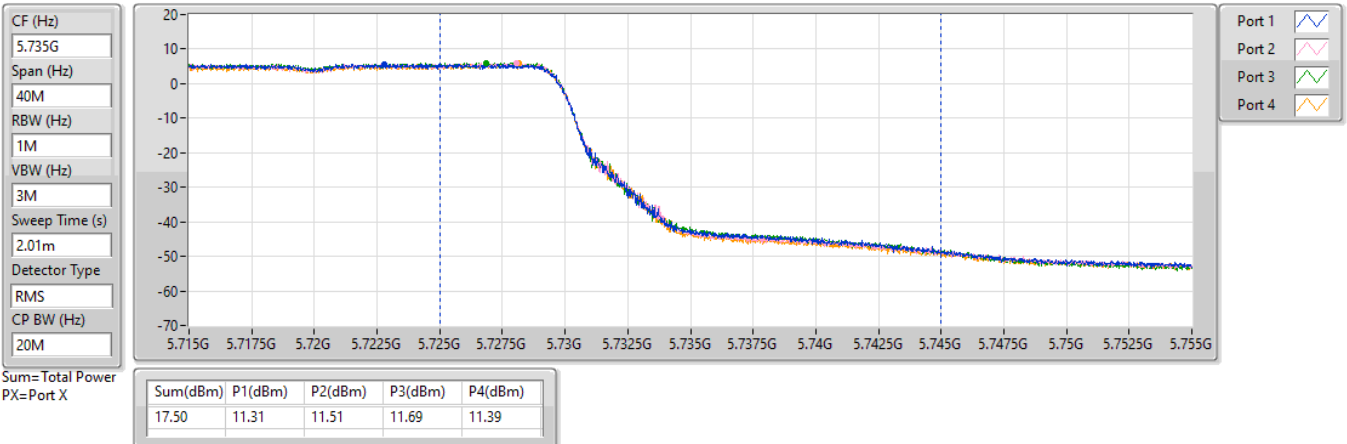


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

03/09/2024

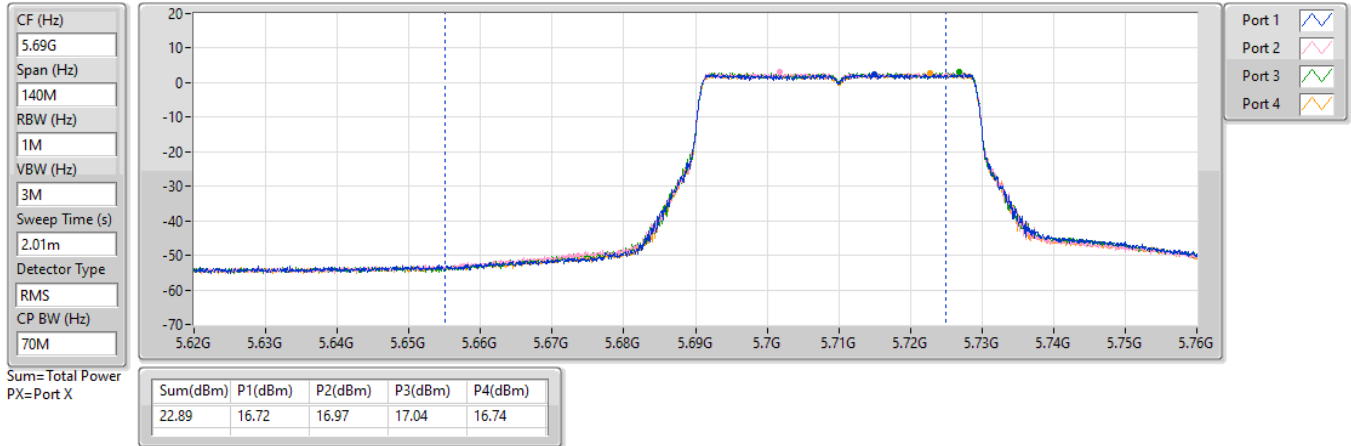


5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

03/09/2024

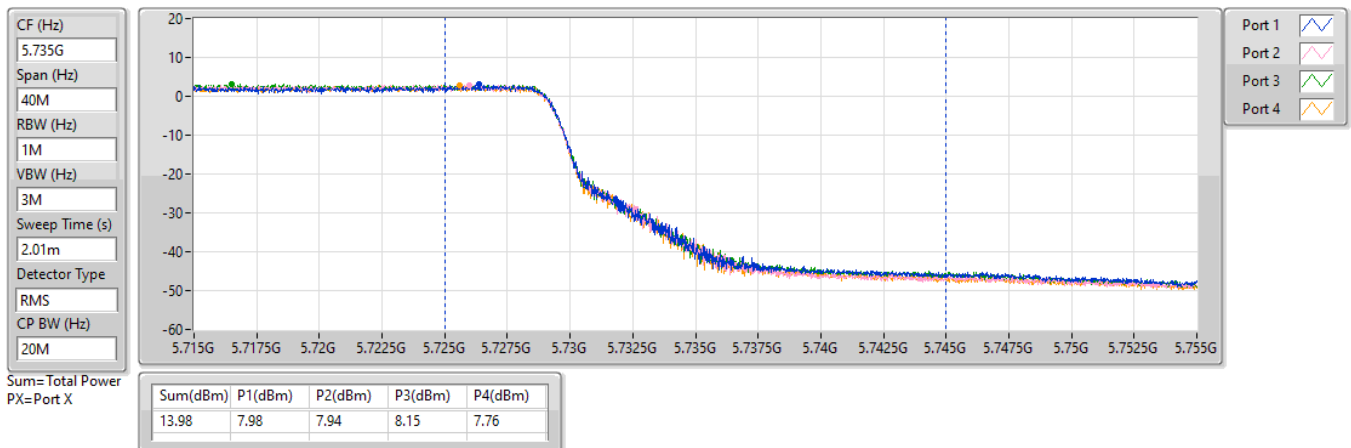


5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

03/09/2024

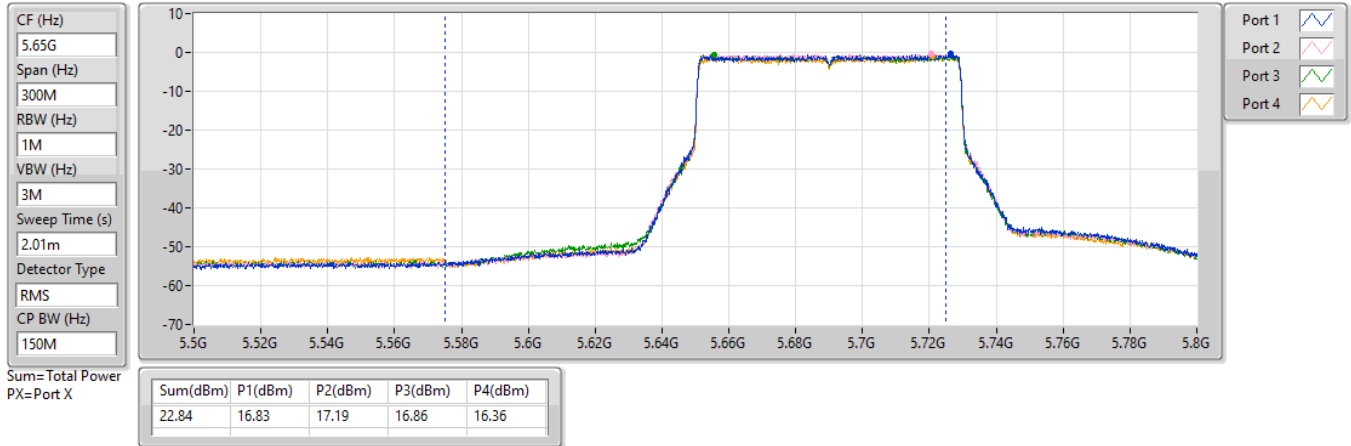


5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

13/09/2024

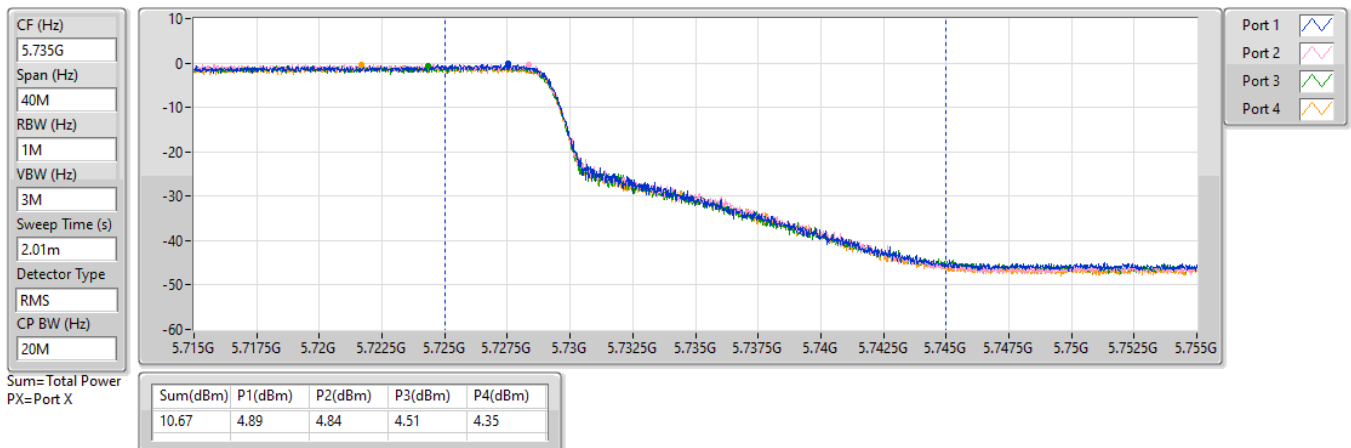


5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

13/09/2024



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.47
802.11be EHT20_Nss1,(MCS0)_4TX	15.94
802.11be EHT40_Nss1,(MCS0)_4TX	11.30
802.11be EHT80_Nss1,(MCS0)_4TX	5.52
802.11be EHT160_Nss1,(MCS0)_4TX	0.73
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.68
802.11be EHT20_Nss1,(MCS0)_4TX	10.29
802.11be EHT40_Nss1,(MCS0)_4TX	6.98
802.11be EHT80_Nss1,(MCS0)_4TX	3.53
802.11be EHT160_Nss1,(MCS0)_4TX	0.81
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.17
802.11be EHT20_Nss1,(MCS0)_4TX	10.17
802.11be EHT40_Nss1,(MCS0)_4TX	7.48
802.11be EHT80_Nss1,(MCS0)_4TX	4.20
802.11be EHT160_Nss1,(MCS0)_4TX	1.22
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.19
802.11be EHT20_Nss1,(MCS0)_4TX	14.69
802.11be EHT40_Nss1,(MCS0)_4TX	11.83
802.11be EHT80_Nss1,(MCS0)_4TX	6.76

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	-	-	-	-	-	-	-	-
5180MHz	Pass	6.14	8.36	8.28	8.69	8.18	14.28	16.86
5200MHz	Pass	6.14	10.53	10.34	10.89	10.30	16.43	16.86
5240MHz	Pass	6.14	10.37	10.55	10.87	10.59	16.47	16.86
5260MHz	Pass	6.28	4.15	4.47	4.80	4.42	10.37	10.72
5300MHz	Pass	6.28	4.10	4.51	4.69	4.43	10.38	10.72
5320MHz	Pass	6.28	4.42	4.79	5.06	4.57	10.68	10.72
5500MHz	Pass	6.81	3.79	3.96	3.81	3.57	9.74	10.19
5580MHz	Pass	6.81	3.95	3.98	4.07	3.70	9.94	10.19
5700MHz	Pass	6.81	3.99	4.03	4.34	3.99	10.07	10.19
5720MHz Straddle 5.47-5.725GHz	Pass	6.81	4.22	4.17	4.41	4.02	10.17	10.19
5720MHz Straddle 5.725-5.85GHz	Pass	6.64	2.83	2.87	3.00	2.73	8.84	29.36
5745MHz	Pass	6.64	9.14	9.13	9.14	9.22	15.14	29.36
5785MHz	Pass	6.64	9.11	8.86	8.92	8.86	14.82	29.36
5825MHz	Pass	6.64	9.06	9.22	9.37	9.25	15.19	29.36
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.14	7.37	7.41	7.61	7.32	13.37	16.86
5200MHz	Pass	6.14	9.87	9.89	10.22	9.78	15.87	16.86
5240MHz	Pass	6.14	9.85	10.03	10.18	10.01	15.94	16.86
5260MHz	Pass	6.28	3.83	4.16	4.28	4.09	10.05	10.72
5300MHz	Pass	6.28	3.74	4.29	4.17	3.90	10.01	10.72
5320MHz	Pass	6.28	3.92	4.48	4.60	4.17	10.29	10.72
5500MHz	Pass	6.81	3.80	4.10	3.88	3.73	9.86	10.19
5580MHz	Pass	6.81	4.13	4.21	4.28	3.71	10.08	10.19
5700MHz	Pass	6.81	3.94	4.28	4.50	3.99	10.17	10.19
5720MHz Straddle 5.47-5.725GHz	Pass	6.81	4.15	4.24	4.43	3.80	10.13	10.19
5720MHz Straddle 5.725-5.85GHz	Pass	6.64	2.94	3.00	3.08	2.76	8.91	29.36
5745MHz	Pass	6.64	8.67	8.68	8.70	8.84	14.69	29.36
5785MHz	Pass	6.64	8.47	8.38	8.45	8.39	14.37	29.36
5825MHz	Pass	6.64	8.34	8.43	8.45	8.53	14.42	29.36
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.14	3.04	3.16	3.56	3.03	9.14	16.86
5230MHz	Pass	6.14	5.20	5.34	5.69	5.33	11.30	16.86
5270MHz	Pass	6.28	0.50	0.95	1.65	0.83	6.94	10.72
5310MHz	Pass	6.28	0.52	1.07	1.53	0.90	6.98	10.72
5510MHz	Pass	6.81	1.24	1.33	1.36	1.13	7.22	10.19
5550MHz	Pass	6.81	1.19	1.40	1.25	1.02	7.18	10.19
5670MHz	Pass	6.81	1.09	1.07	1.24	0.67	7.00	10.19
5710MHz Straddle 5.47-5.725GHz	Pass	6.81	1.41	1.67	1.79	1.31	7.48	10.19
5710MHz Straddle 5.725-5.85GHz	Pass	6.64	0.17	0.35	0.45	-0.25	6.17	29.36
5755MHz	Pass	6.64	6.25	5.84	5.77	5.73	11.83	29.36
5795MHz	Pass	6.64	6.25	5.57	5.40	5.56	11.59	29.36
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.14	-0.27	-0.09	-0.04	-1.37	5.52	16.86
5290MHz	Pass	6.28	-2.29	-1.92	-2.12	-3.25	3.53	10.72
5530MHz	Pass	6.81	-1.89	-1.92	-2.15	-2.63	3.74	10.19
5610MHz	Pass	6.81	-5.52	-5.03	-5.38	-5.97	0.48	10.19
5690MHz Straddle 5.47-5.725GHz	Pass	6.81	-1.70	-1.43	-1.79	-2.11	4.20	10.19
5690MHz Straddle 5.725-5.85GHz	Pass	6.64	-2.81	-2.80	-3.11	-3.64	2.85	29.36
5775MHz	Pass	6.64	0.93	0.92	1.08	0.58	6.76	29.36
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.14	-5.59	-4.91	-4.76	-5.42	0.73	16.86
5250MHz Straddle 5.25-5.35GHz	Pass	6.28	-5.46	-4.94	-4.69	-5.26	0.81	10.72
5570MHz	Pass	6.81	-4.68	-4.53	-4.62	-4.89	1.22	10.19



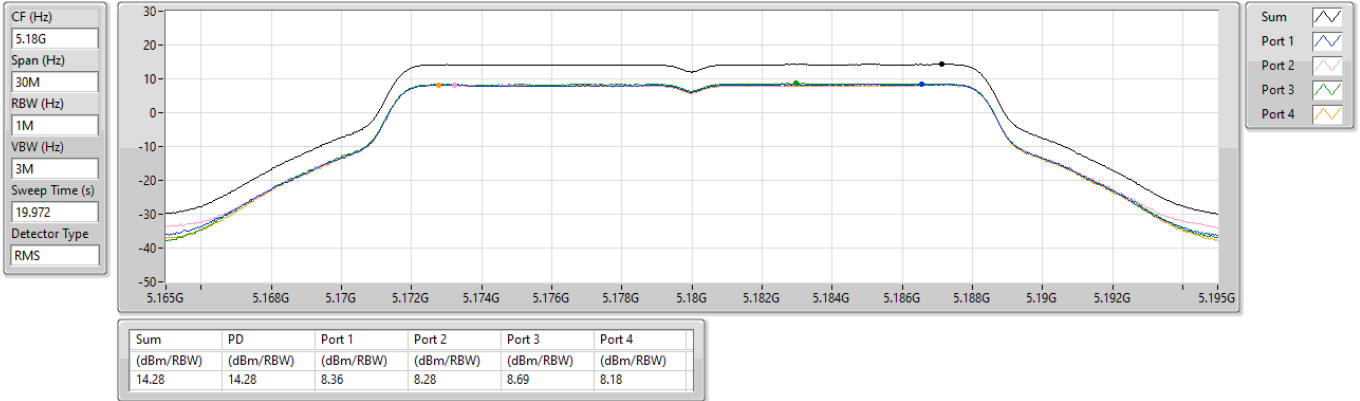
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

03/09/2024

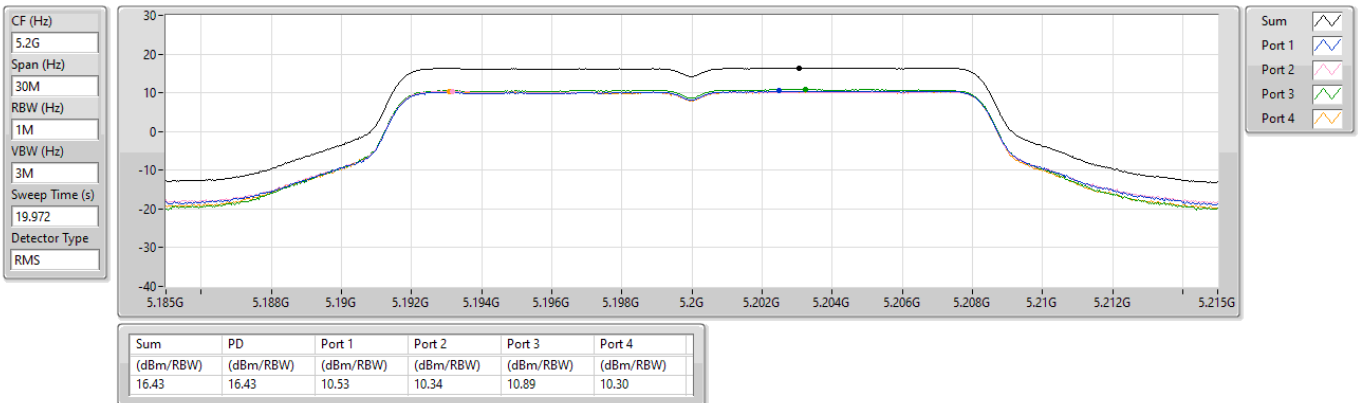


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

03/09/2024



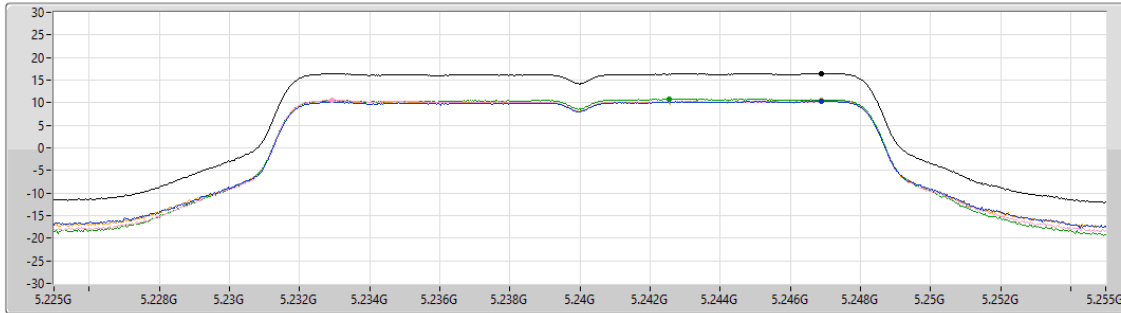
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

03/09/2024

CF (Hz)
5.24G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.972
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
16.47	16.47	10.37	10.55	10.87	10.59

Sum
Port 1
Port 2
Port 3
Port 4

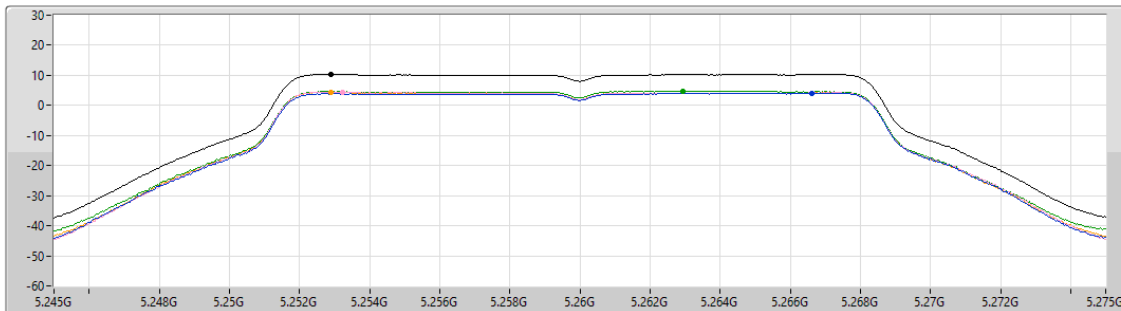
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

03/09/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.972
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.37	10.37	4.15	4.47	4.80	4.42

Sum
Port 1
Port 2
Port 3
Port 4

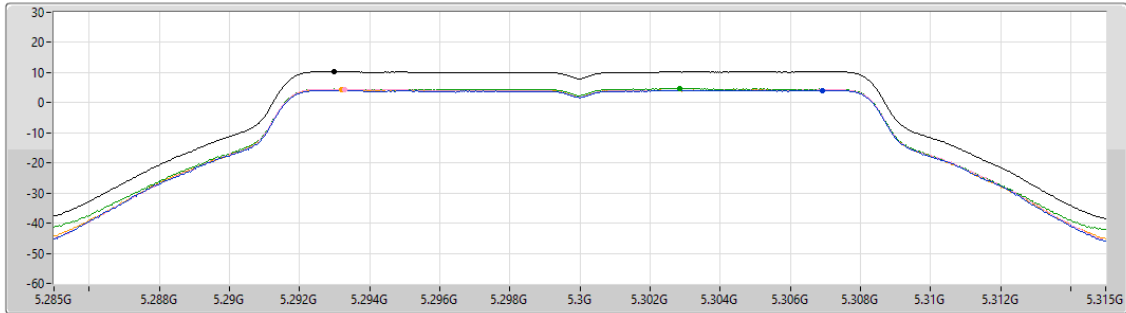
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

03/09/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.972
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)
10.38	10.38	4.10	4.51	4.69	4.43

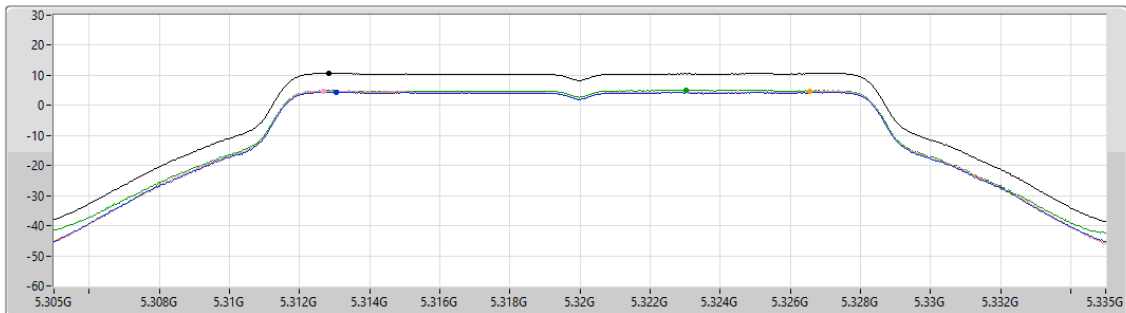
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

03/09/2024

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.972
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)
10.68	10.68	4.42	4.79	5.06	4.57

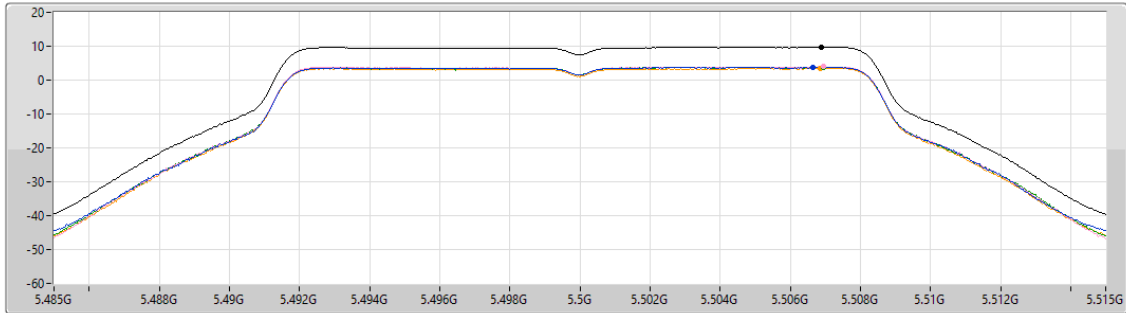
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

03/09/2024

CF (Hz)
5.5G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.972
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.74	9.74	3.79	3.96	3.81	3.57

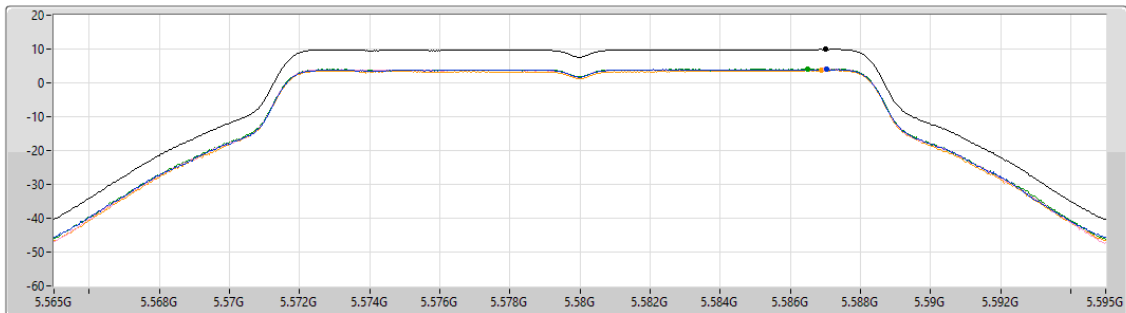
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

03/09/2024

CF (Hz)
5.58G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.972
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.94	9.94	3.95	3.98	4.07	3.70

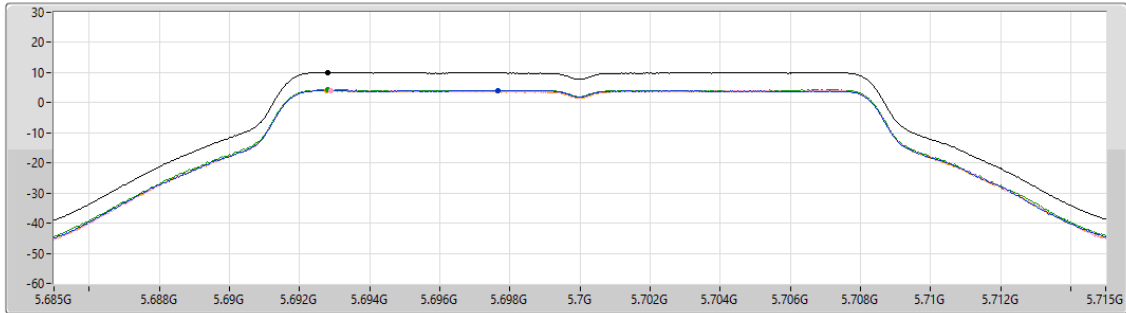
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

03/09/2024

CF (Hz)
5.7G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.972
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.07	10.07	3.99	4.03	4.34	3.99

Sum
Port 1
Port 2
Port 3
Port 4

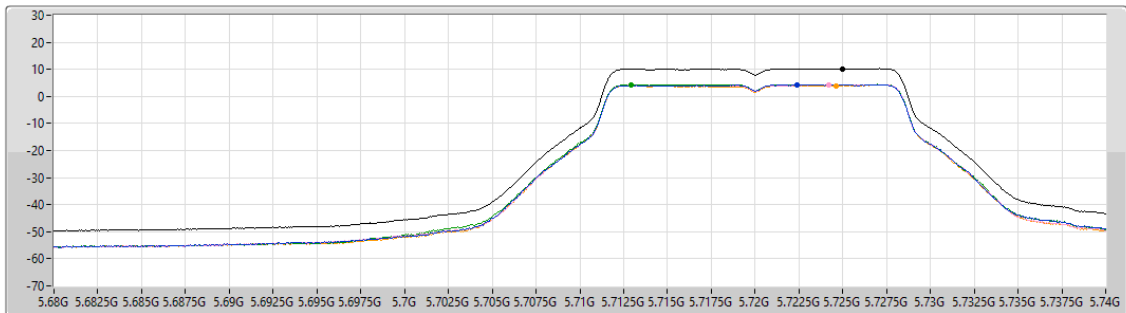
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/09/2024

CF (Hz)
5.71G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.972
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.17	10.17	4.22	4.17	4.41	4.02

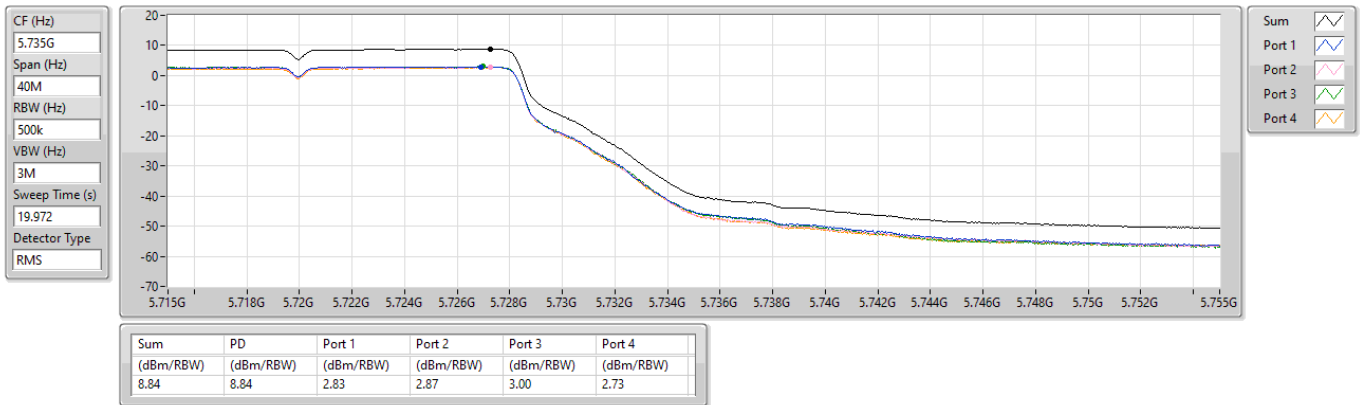
Sum
Port 1
Port 2
Port 3
Port 4

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/09/2024

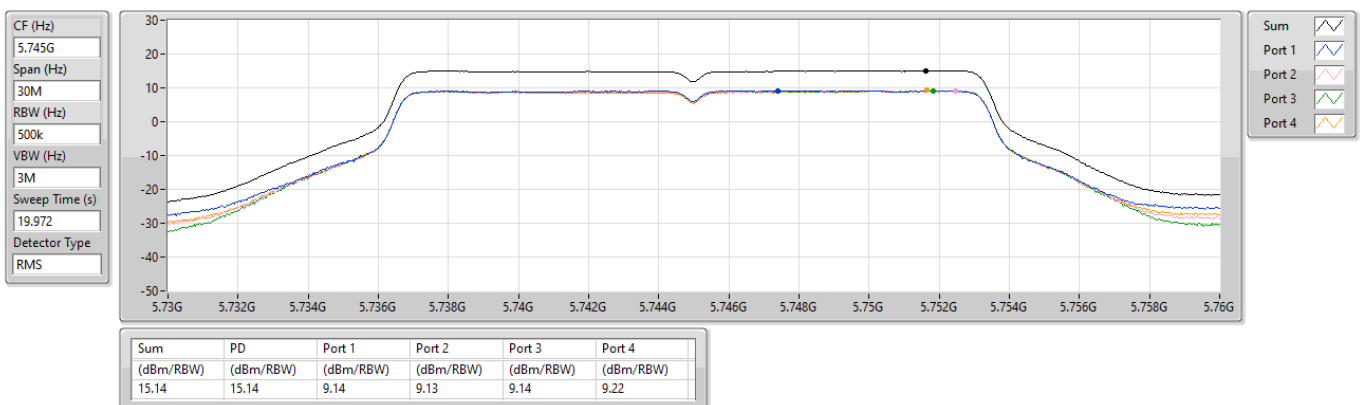


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

03/09/2024



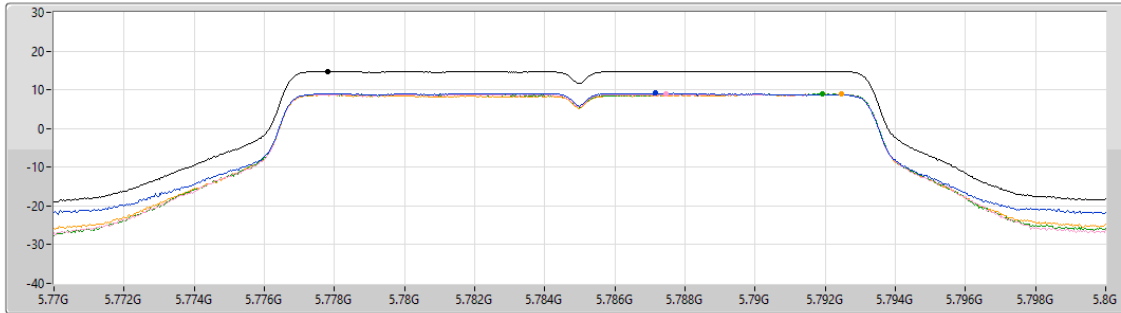
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

03/09/2024

CF (Hz)
5.785G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
19.972
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
14.82	14.82	9.11	8.86	8.92	8.86

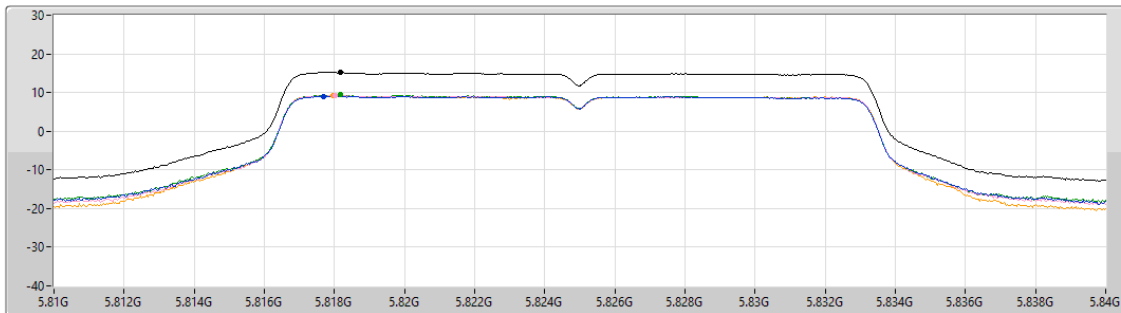
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

03/09/2024

CF (Hz)
5.825G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
19.972
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
15.19	15.19	9.06	9.22	9.37	9.25

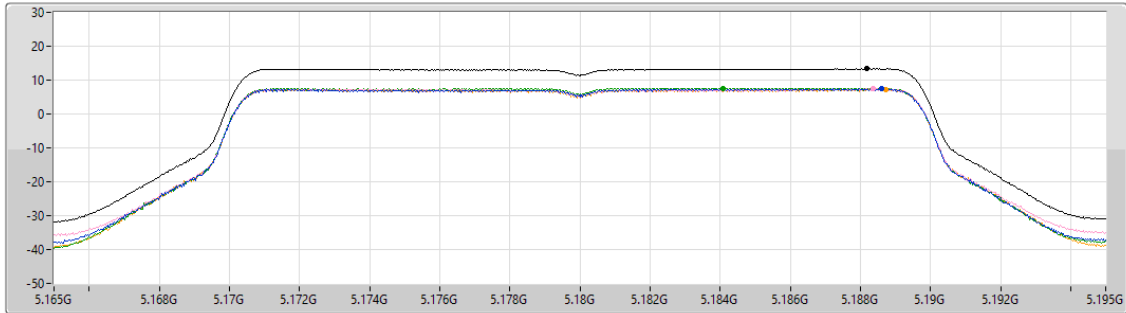
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5180MHz

03/09/2024

CF (Hz)
5.18G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.055
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)
13.37	13.37	7.37	7.41	7.61	7.32

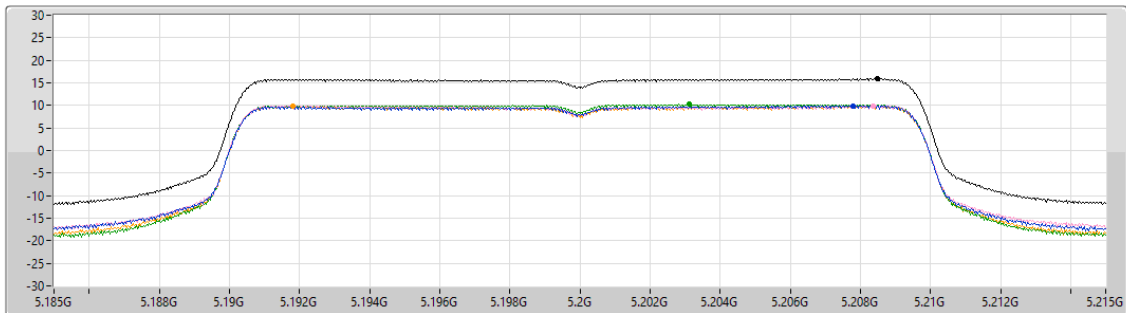
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

03/09/2024

CF (Hz)
5.2G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.055
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)
15.87	15.87	9.87	9.89	10.22	9.78

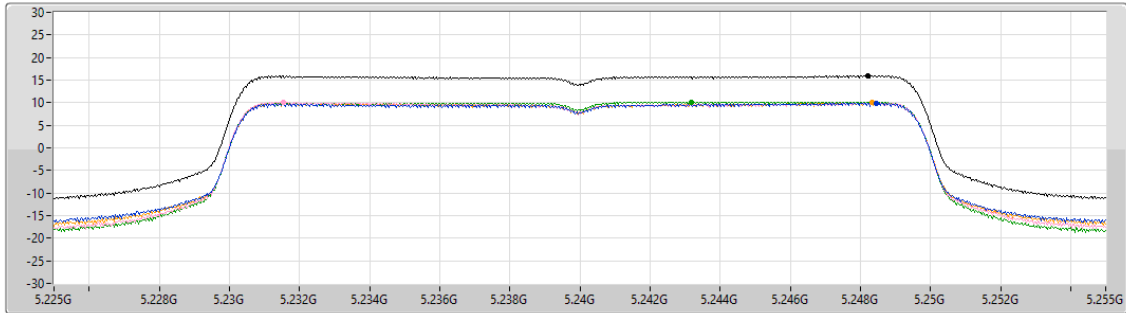
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

03/09/2024

CF (Hz)
5.24G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.055
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
15.94	15.94	9.85	10.03	10.18	10.01

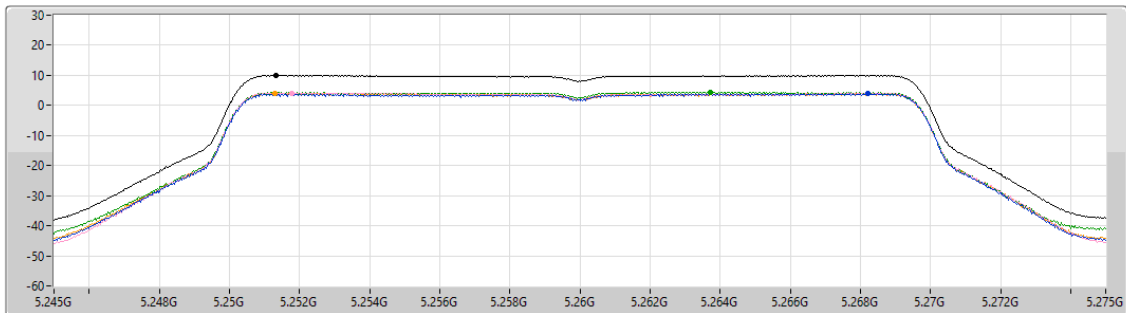
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

03/09/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.055
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.05	10.05	3.83	4.16	4.28	4.09

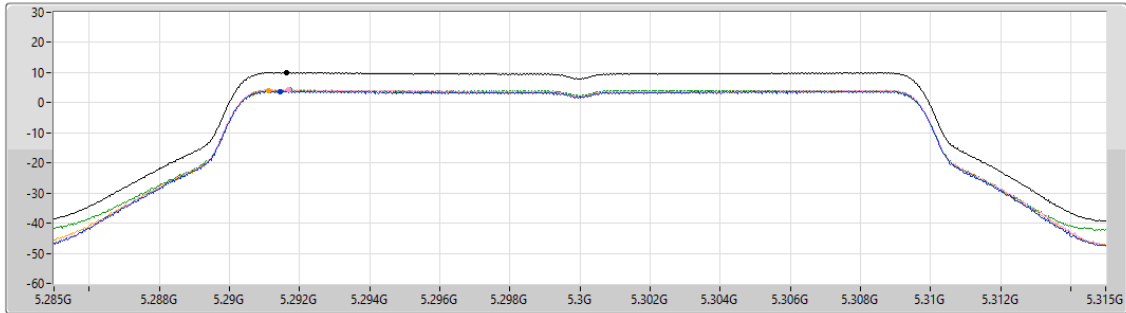
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

03/09/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.055
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)
10.01	10.01	3.74	4.29	4.17	3.90

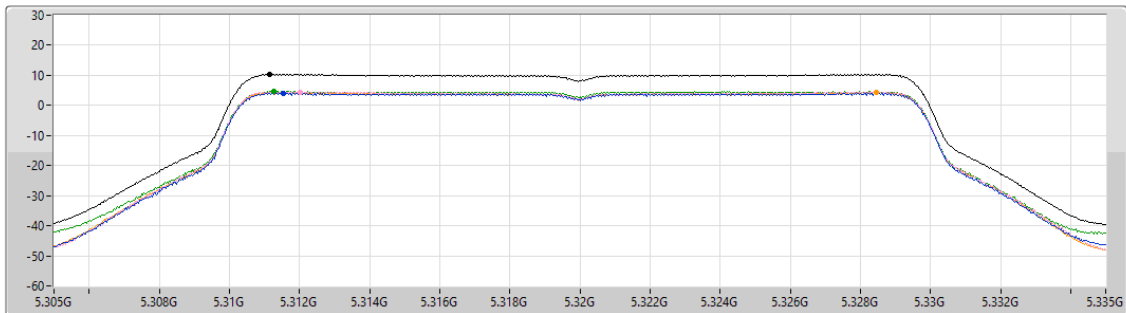
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

03/09/2024

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.055
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

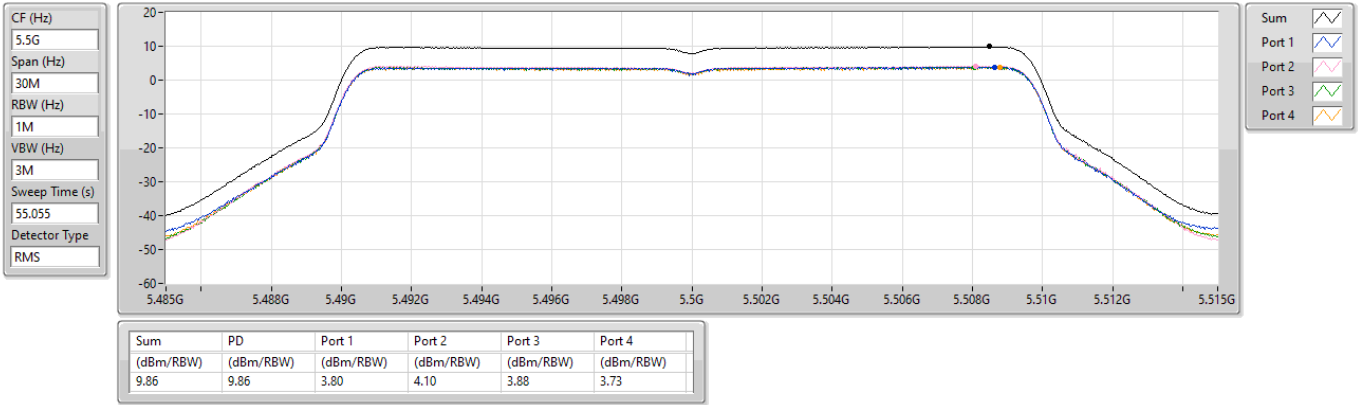
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	3.92	4.48	4.60	4.17

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

03/09/2024

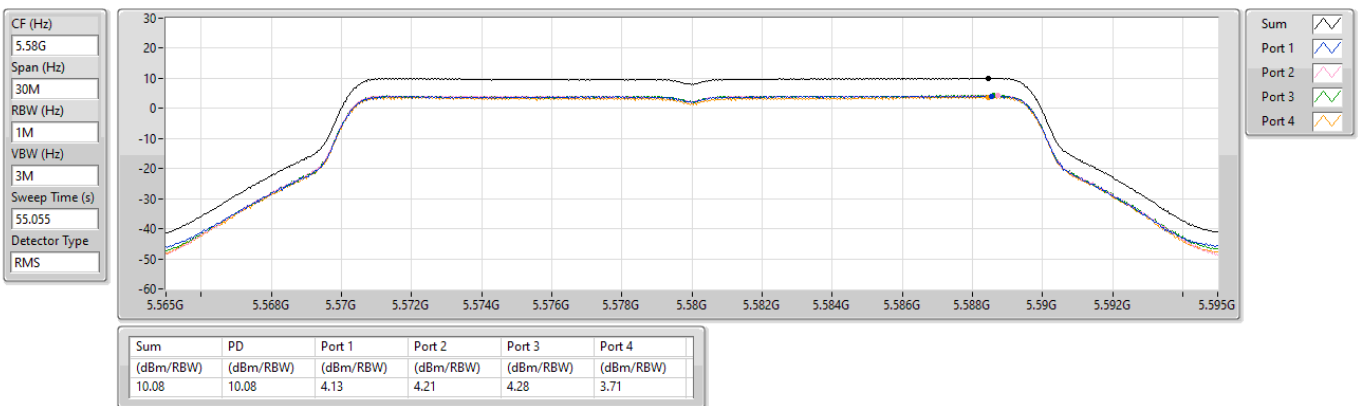


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

03/09/2024

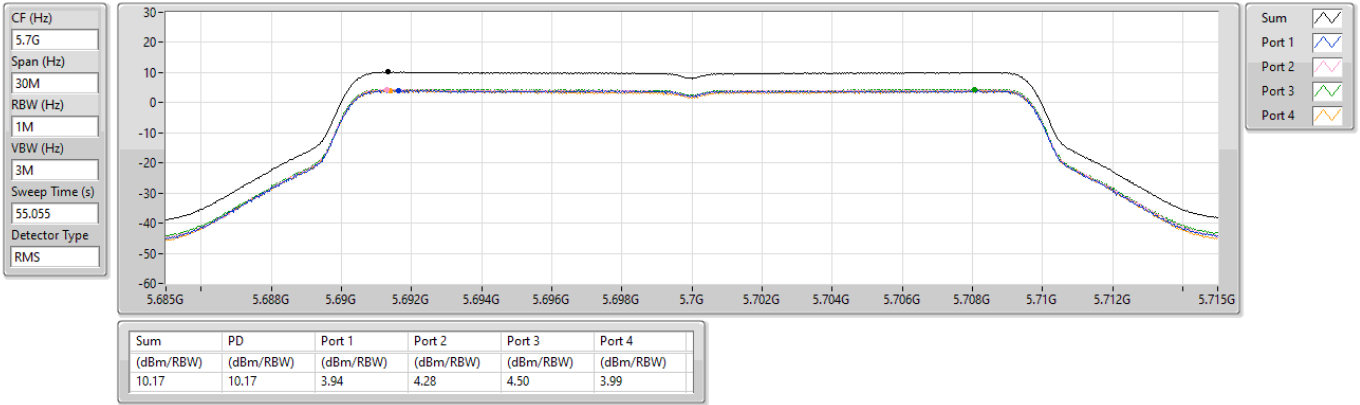


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

03/09/2024

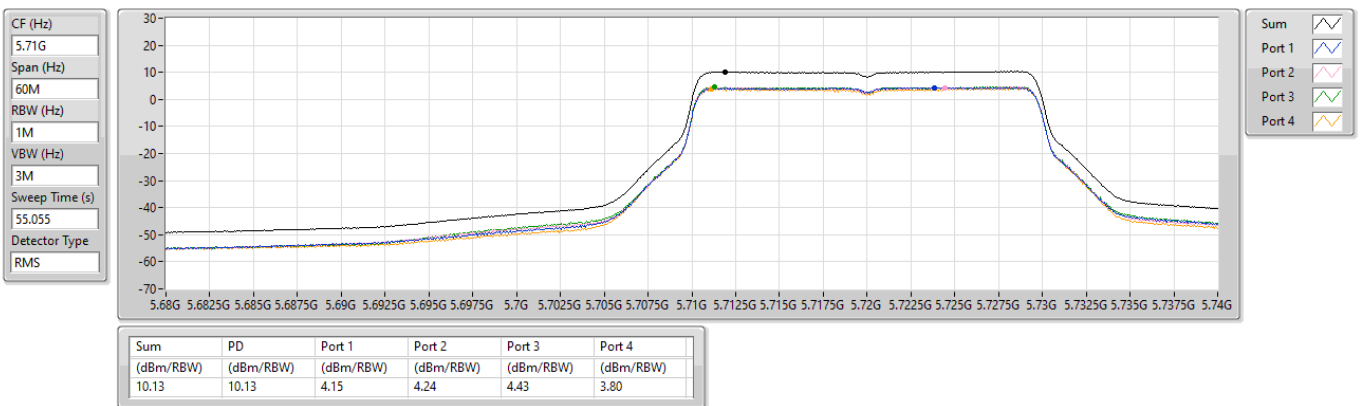


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/09/2024

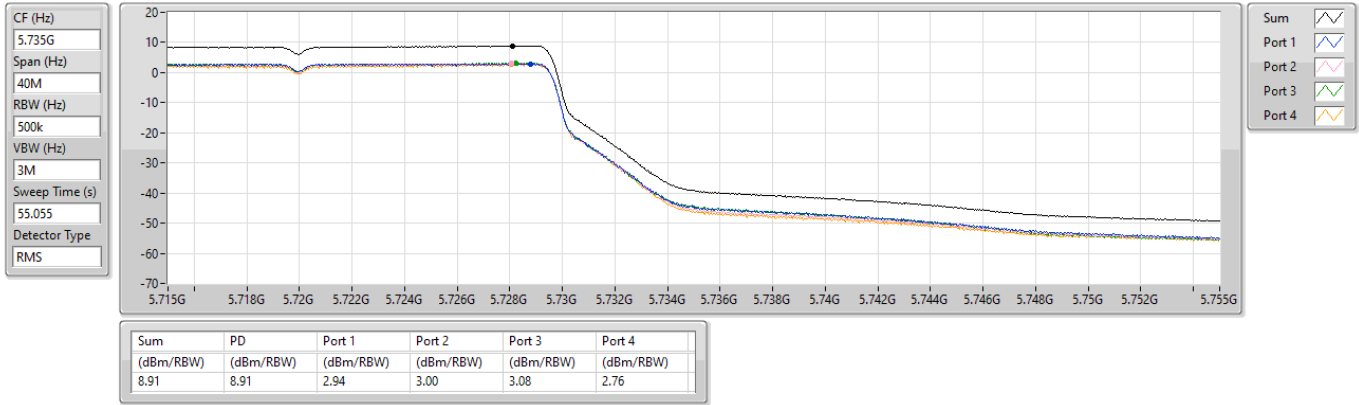


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/09/2024

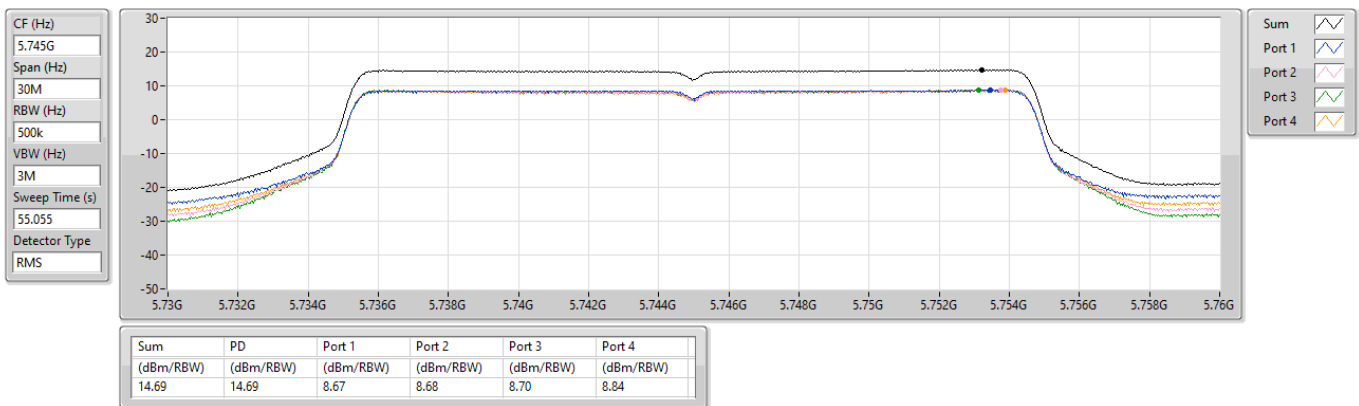


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

03/09/2024



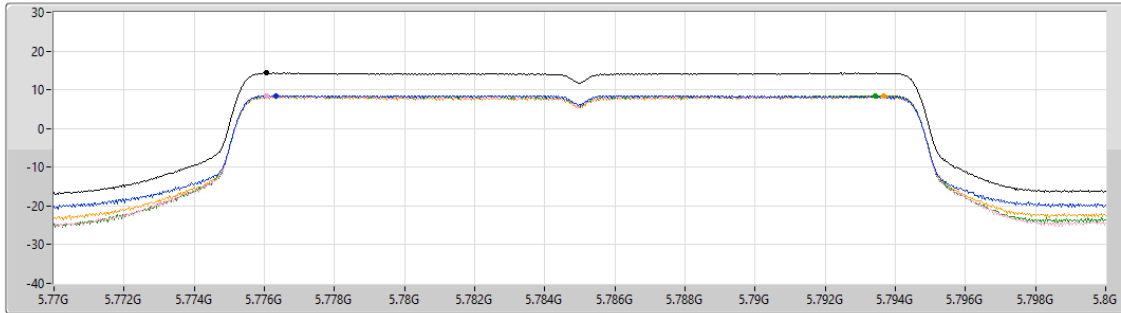
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

03/09/2024

CF (Hz)
5.785G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
55.055
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)
14.37	14.37	8.47	8.38	8.45	8.39

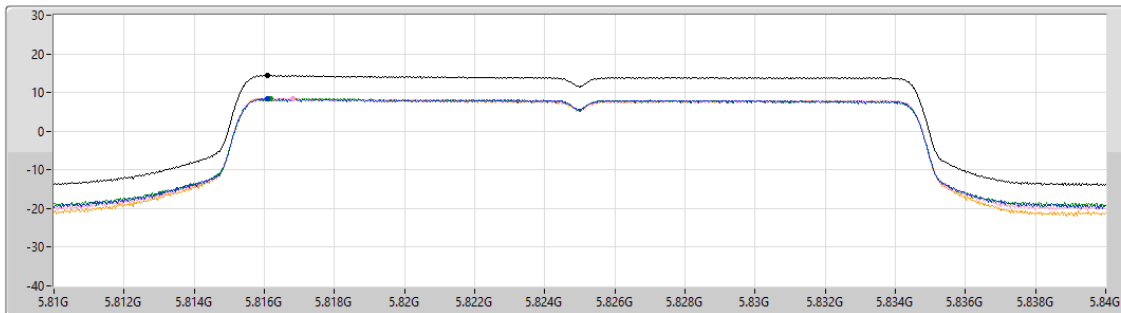
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

03/09/2024

CF (Hz)
5.825G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
55.055
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)
14.42	14.42	8.34	8.43	8.45	8.53

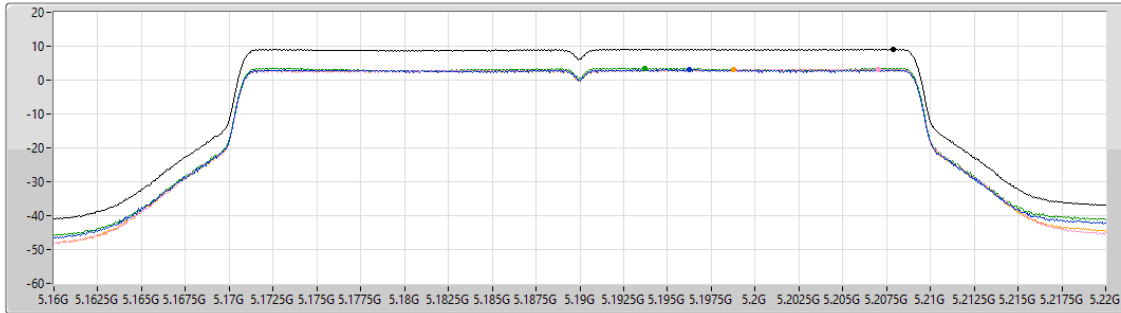
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5190MHz

03/09/2024

CF (Hz)
5.19G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.065
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.14	9.14	3.04	3.16	3.56	3.03

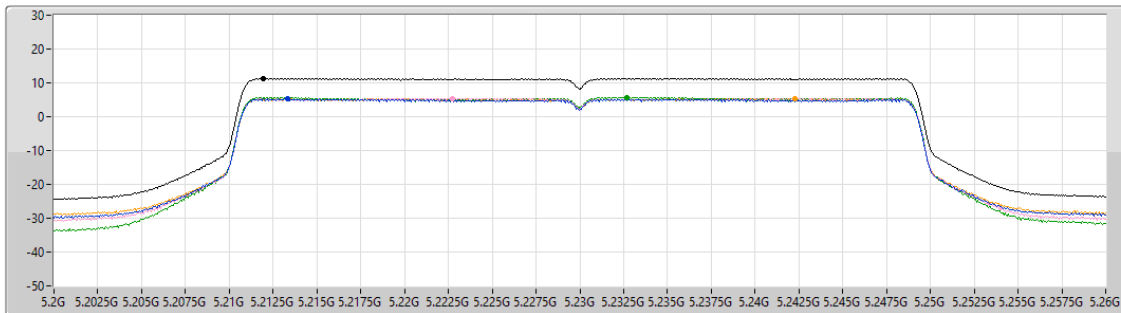
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

03/09/2024

CF (Hz)
5.23G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.065
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.30	11.30	5.20	5.34	5.69	5.33

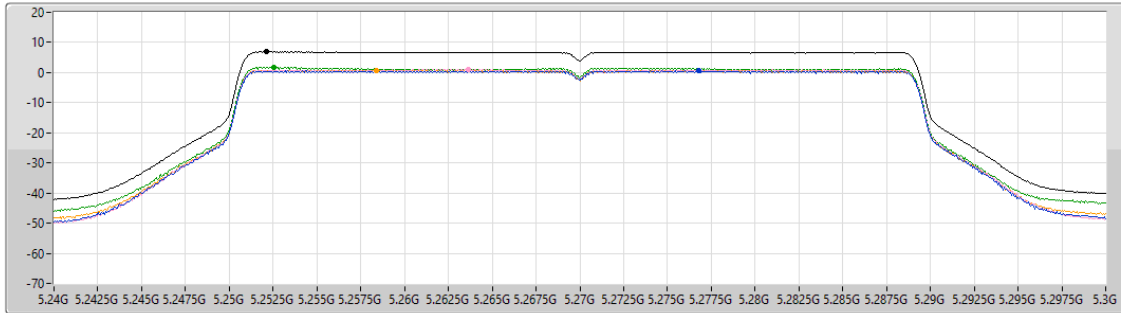
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

03/09/2024

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.065
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)
6.94	6.94	0.50	0.95	1.65	0.83

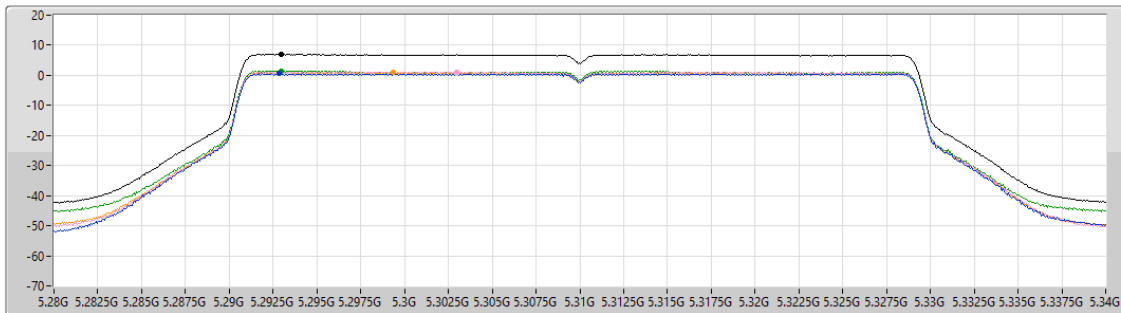
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

03/09/2024

CF (Hz)
5.31G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.065
Detector Type
RMS



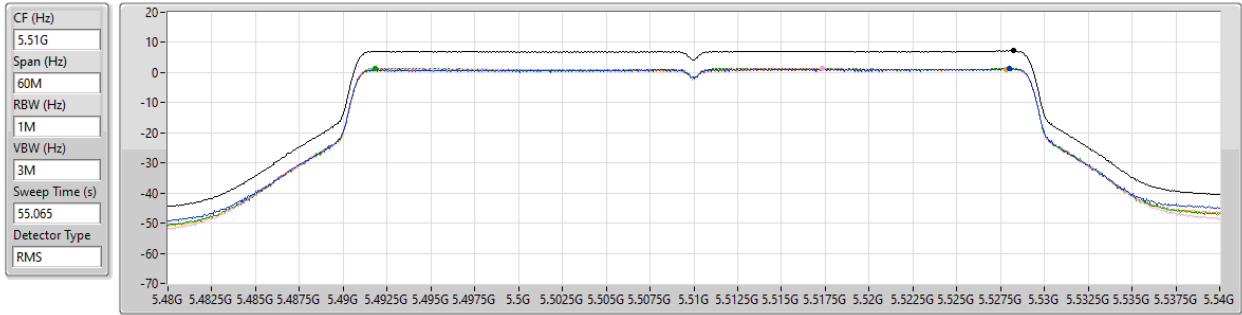
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.98	6.98	0.52	1.07	1.53	0.90

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

03/09/2024



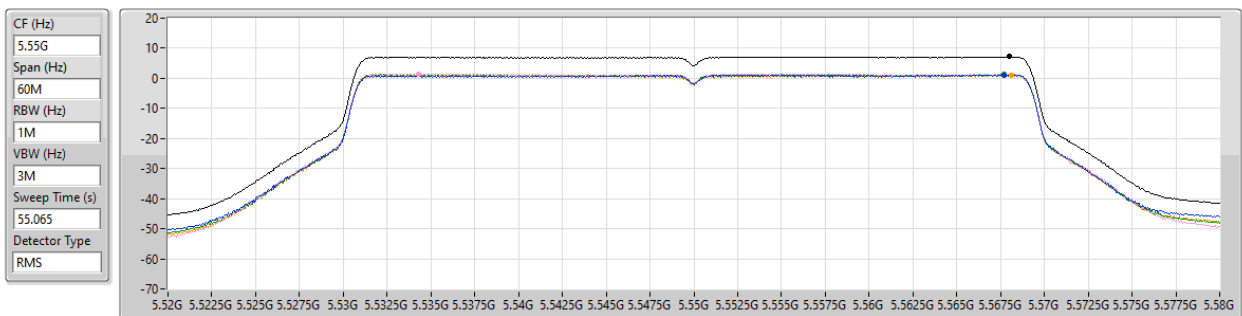
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.22	7.22	1.24	1.33	1.36	1.13

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

03/09/2024



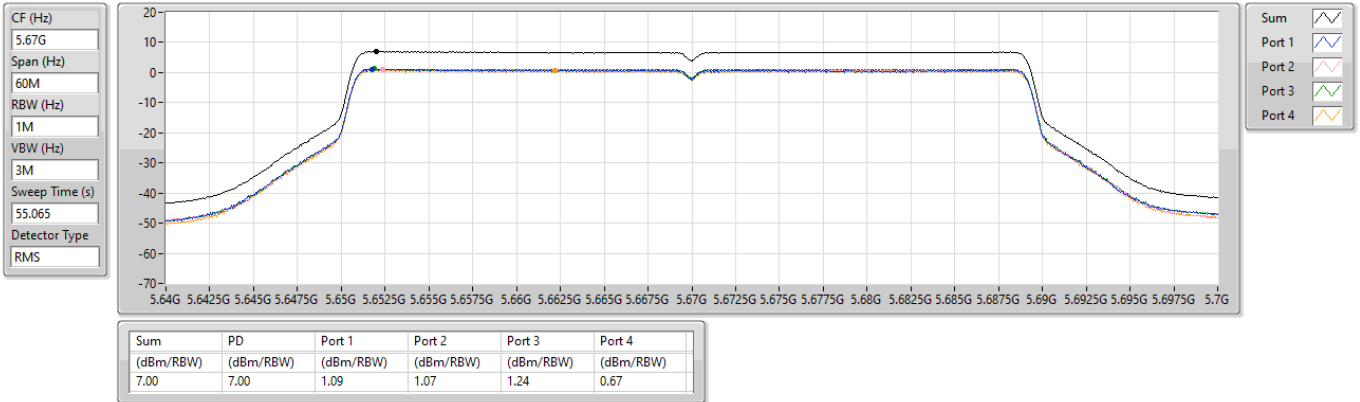
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.18	7.18	1.19	1.40	1.25	1.02

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

03/09/2024

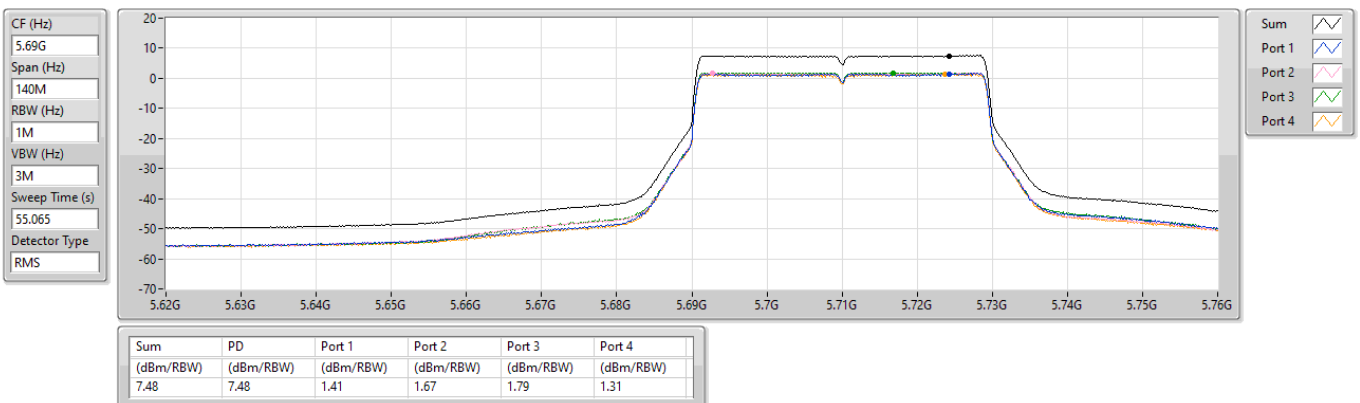


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/09/2024

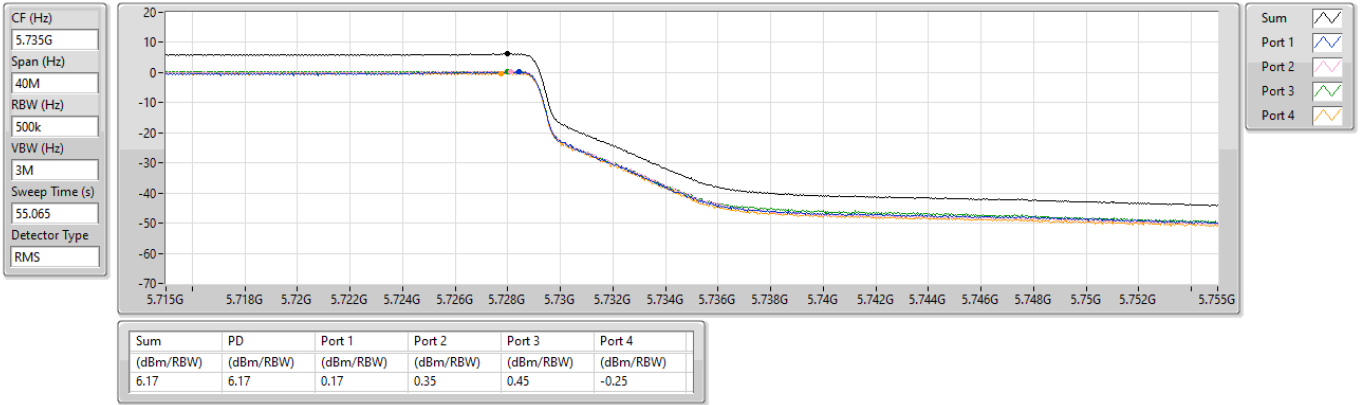


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/09/2024

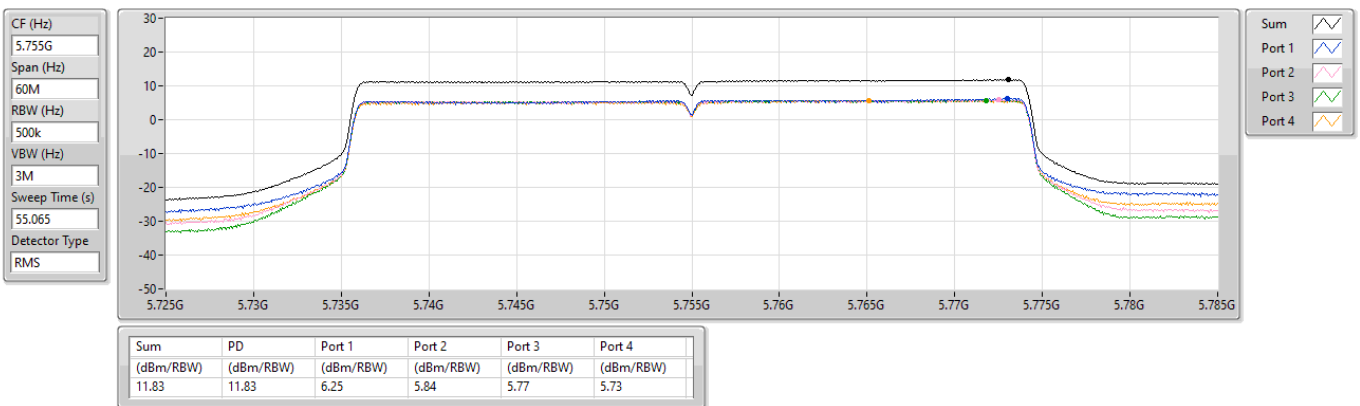


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

03/09/2024



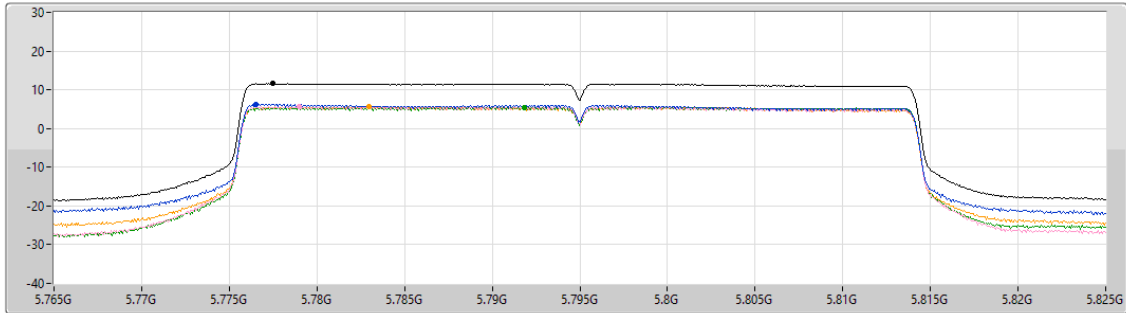
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

03/09/2024

CF (Hz)
5.795G
Span (Hz)
60M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
55.065
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)
11.59	11.59	6.25	5.57	5.40	5.56

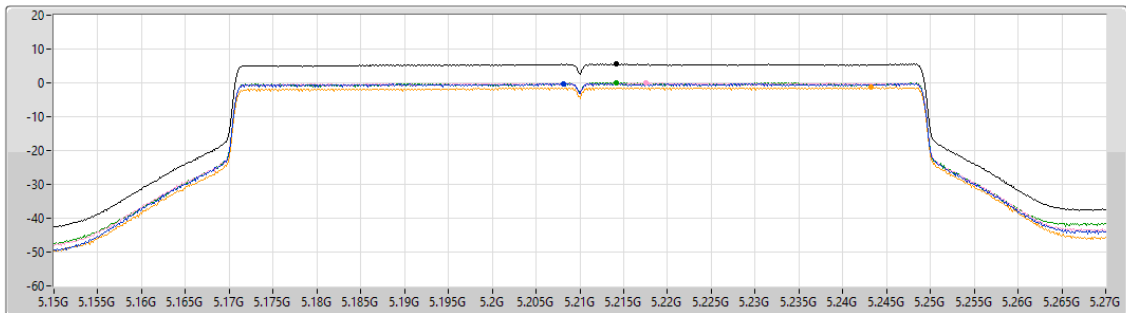
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

13/09/2024

CF (Hz)
5.21G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
55.009
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

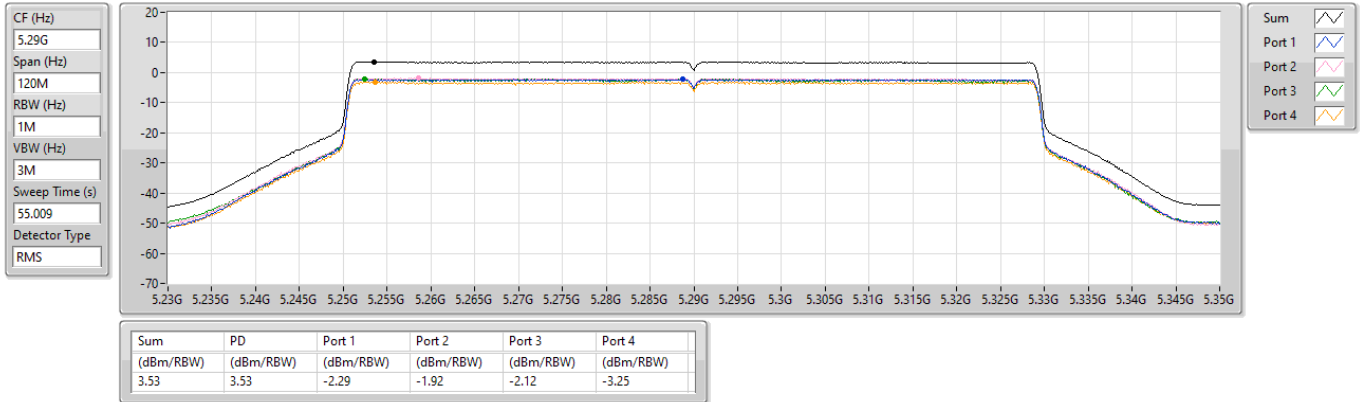
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.52	5.52	-0.27	-0.09	-0.04	-1.37

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

PSD

5290MHz

13/09/2024

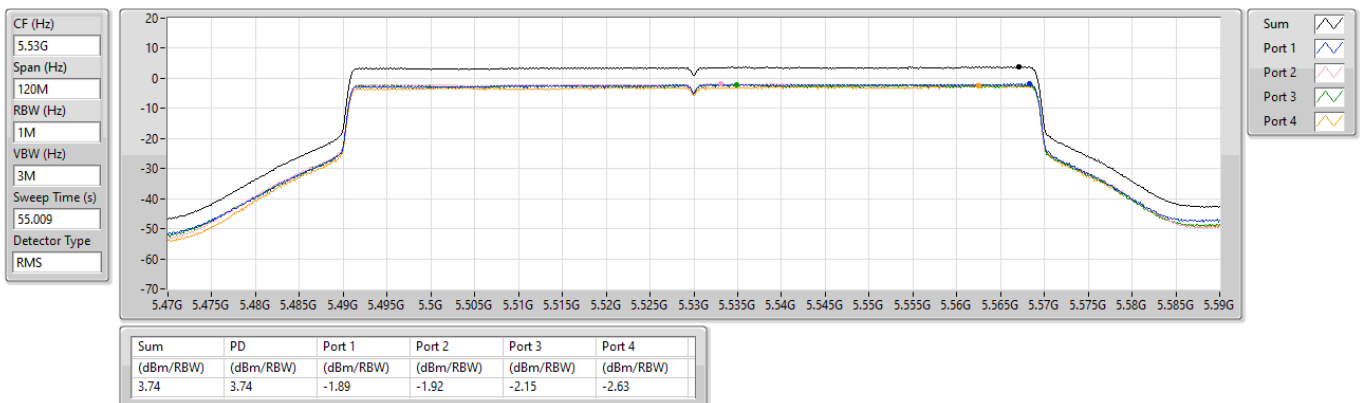


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

13/09/2024

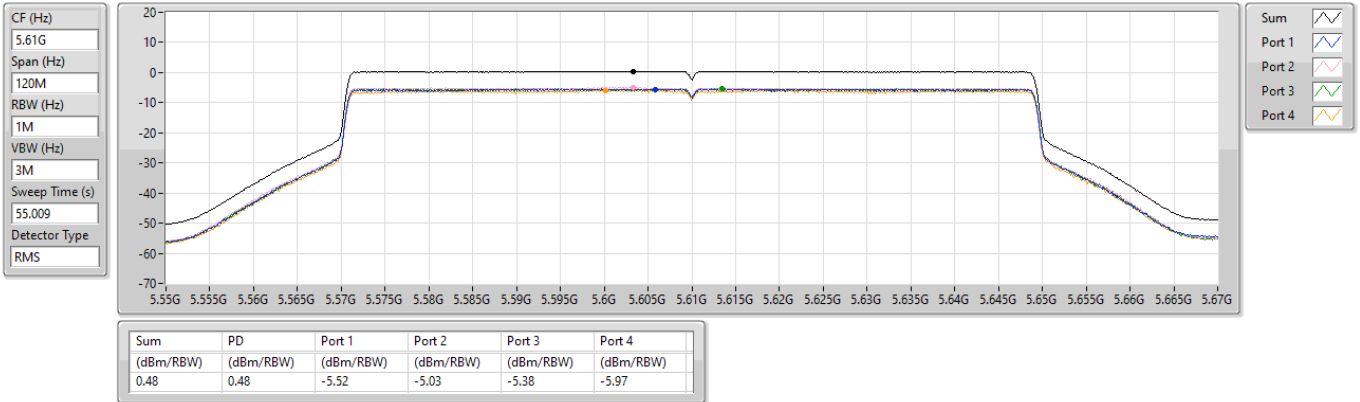


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

13/09/2024

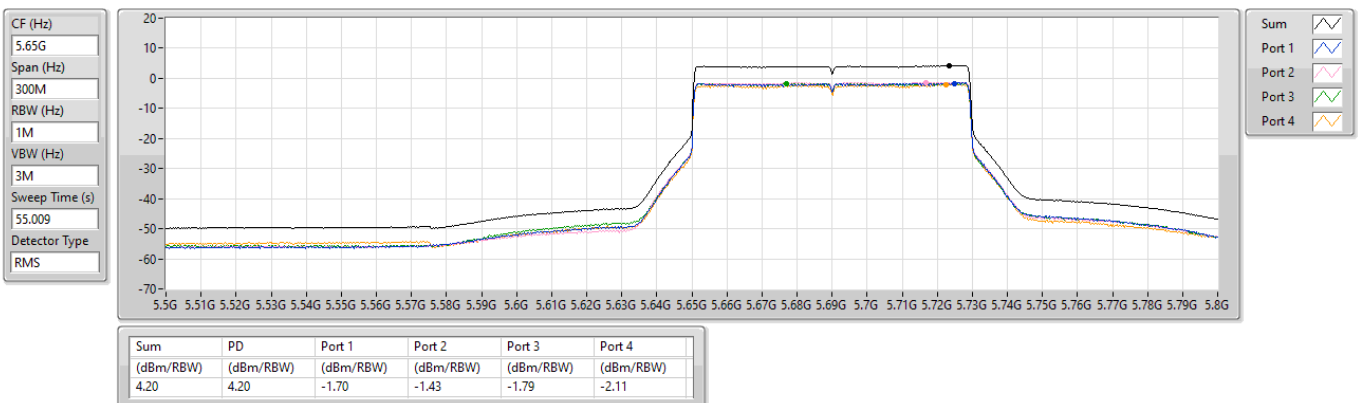


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

13/09/2024

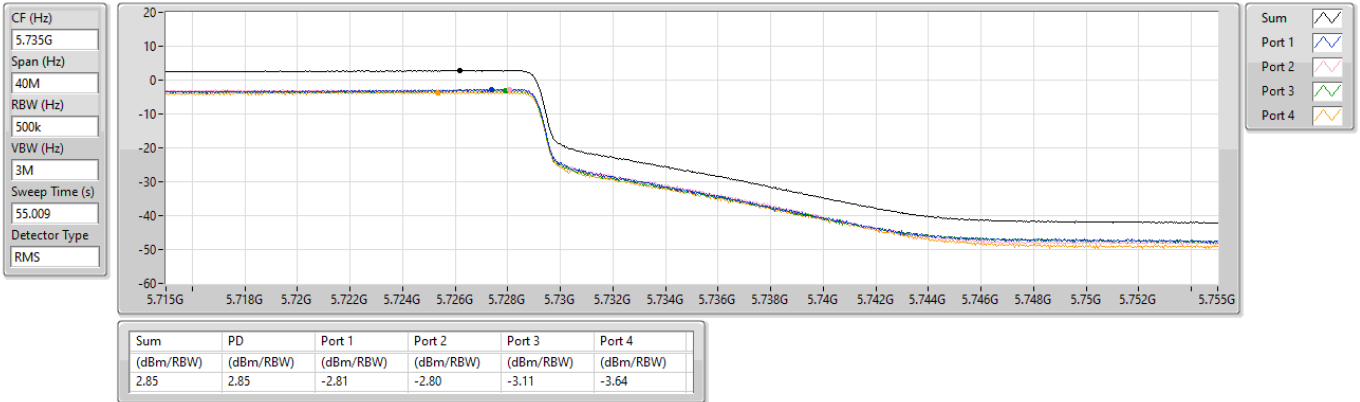


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

13/09/2024

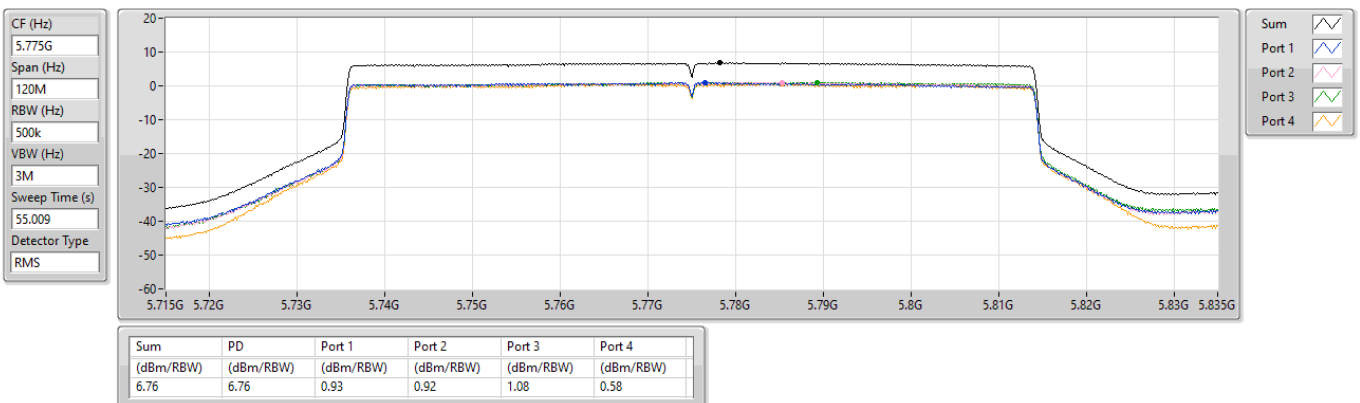


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

13/09/2024

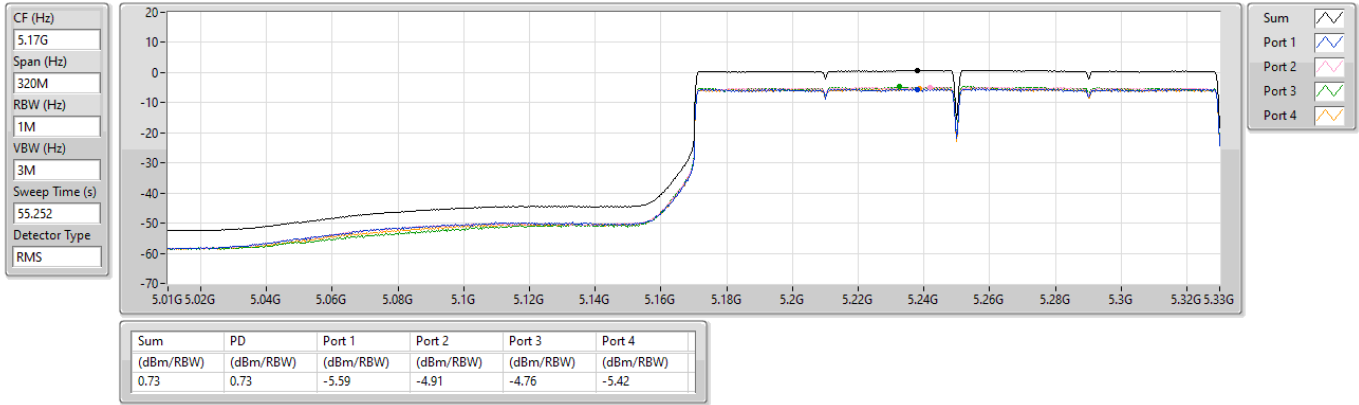


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

03/09/2024

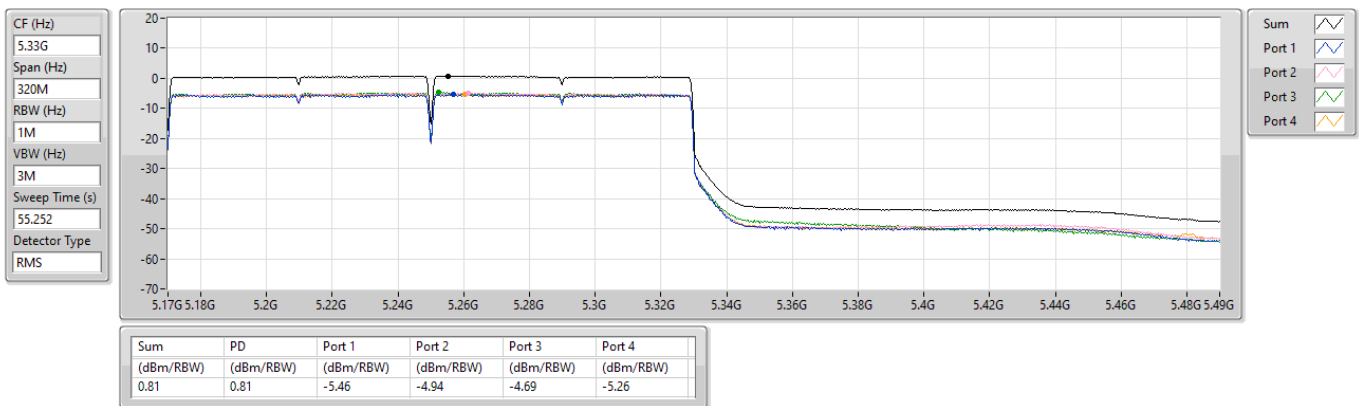


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

03/09/2024

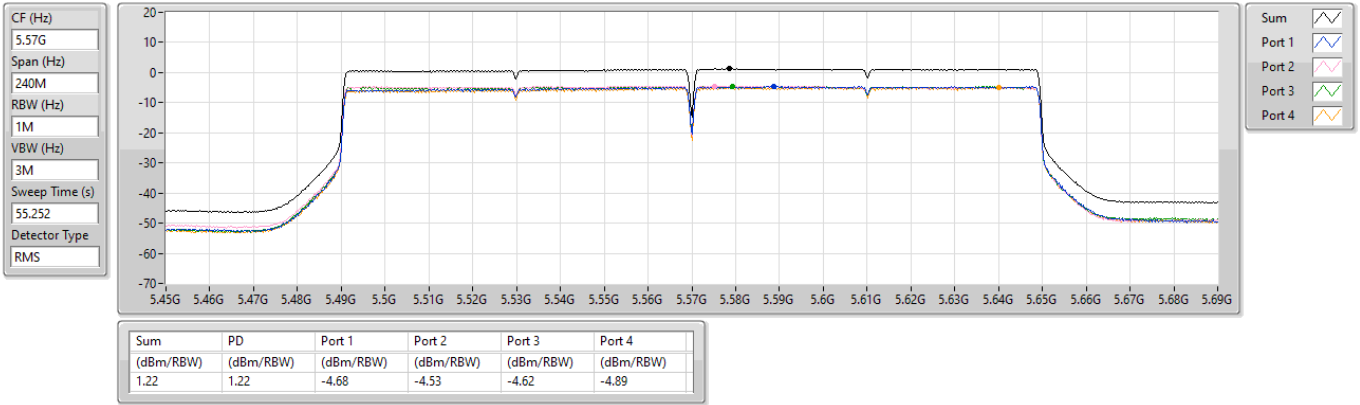


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

03/09/2024





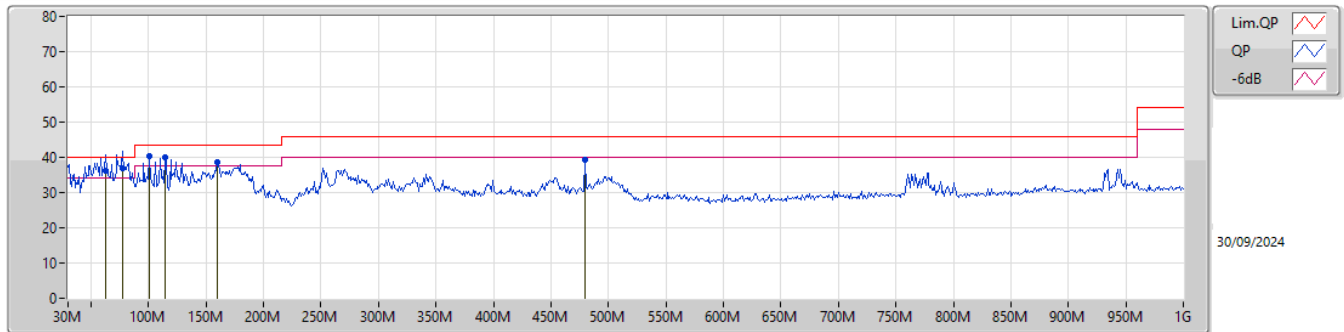
Radiated Emissions below 1GHz

Appendix E.1

Summary

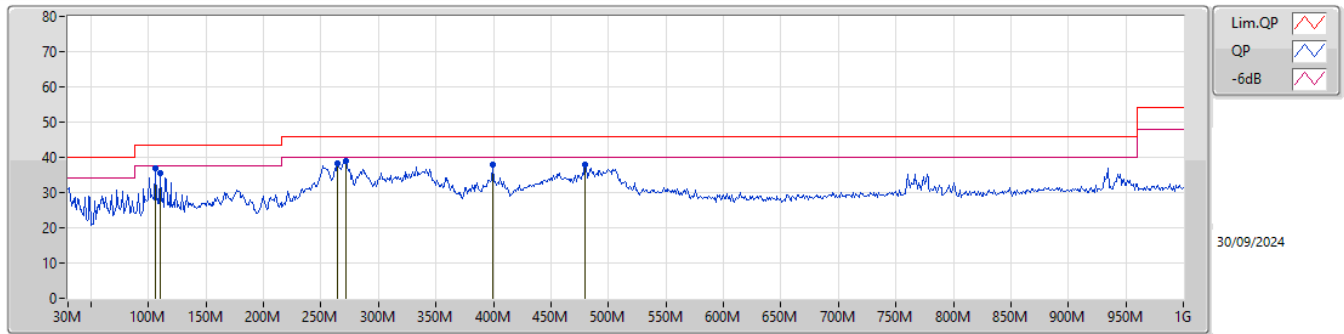
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	77.53M	36.83	40.00	-3.17	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	62.98M	36.18	40.00	-3.82	-17.79	3	Vertical	359	1.00	-	53.97	12.57	1.32	31.68		
QP	77.53M	36.83	40.00	-3.17	-17.31	3	Vertical	80	1.00	"Worst"	54.14	12.94	1.47	31.72		
PK	100.81M	40.19	43.50	-3.31	-13.16	3	Vertical	14	1.00	-	53.35	16.92	1.66	31.74		
PK	114.39M	39.92	43.50	-3.58	-12.00	3	Vertical	216	1.00	-	51.92	17.98	1.77	31.75		
PK	159.98M	38.64	43.50	-4.86	-13.59	3	Vertical	360	1.00	-	52.23	16.05	2.12	31.76		
PK	480.08M	39.40	46.00	-6.60	-5.02	3	Vertical	219	1.00	-	44.42	23.15	3.91	32.08		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	105.66M	36.89	43.50	-6.61	-12.77	3	Horizontal	0	1.50	"Worst"	49.66	17.27	1.70	31.74		
PK	110.51M	35.40	43.50	-8.10	-12.17	3	Horizontal	18	1.50	-	47.57	17.84	1.74	31.75		
PK	264.74M	38.29	46.00	-7.71	-9.84	3	Horizontal	206	1.25	-	48.13	19.18	2.81	31.83		
PK	271.53M	38.84	46.00	-7.16	-10.25	3	Horizontal	216	1.50	-	49.09	18.74	2.84	31.83		
PK	399.57M	38.07	46.00	-7.93	-6.97	3	Horizontal	157	1.00	-	45.04	21.49	3.53	31.99		
PK	480.08M	37.80	46.00	-8.20	-5.02	3	Horizontal	111	3.00	-	42.82	23.15	3.91	32.08		

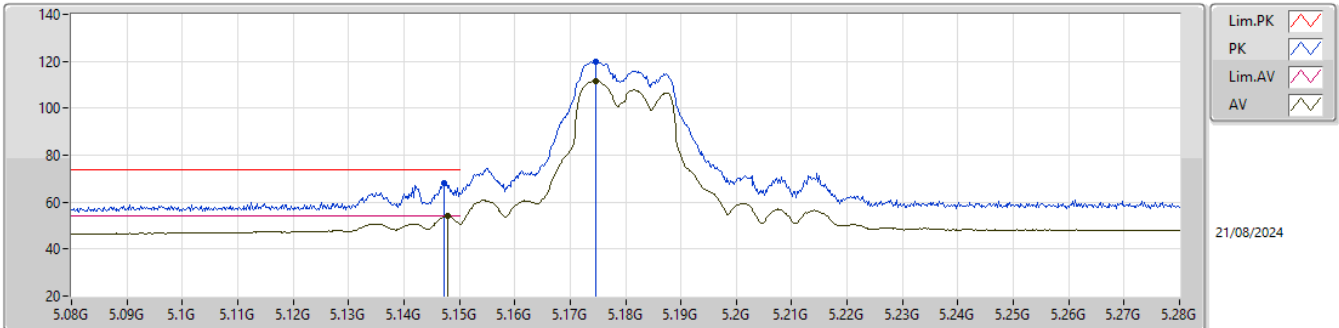


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	PK	5.4672G	68.19	68.20	-0.01	3	Vertical	341	1.94	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

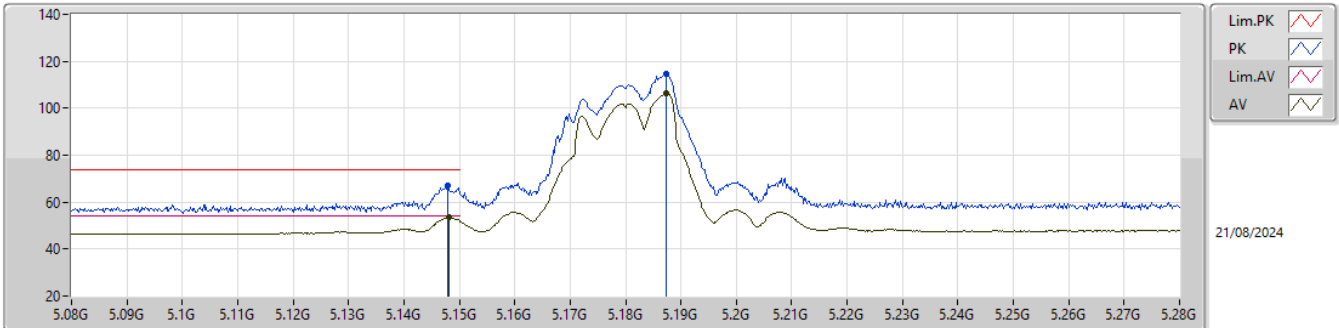


EUT_Y_4TX
Setting 22.5
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1472G	68.27	74.00	-5.73	73.50	3	Vertical	356	1.90	-	32.59	5.90	43.72			
AV	5.148G	53.95	54.00	-0.05	59.17	3	Vertical	356	1.90	-	32.60	5.90	43.72			
PK	5.1746G	119.98	Inf	-Inf	125.11	3	Vertical	356	1.90	-	32.65	5.91	43.69			
AV	5.1746G	111.54	Inf	-Inf	116.67	3	Vertical	356	1.90	-	32.65	5.91	43.69			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

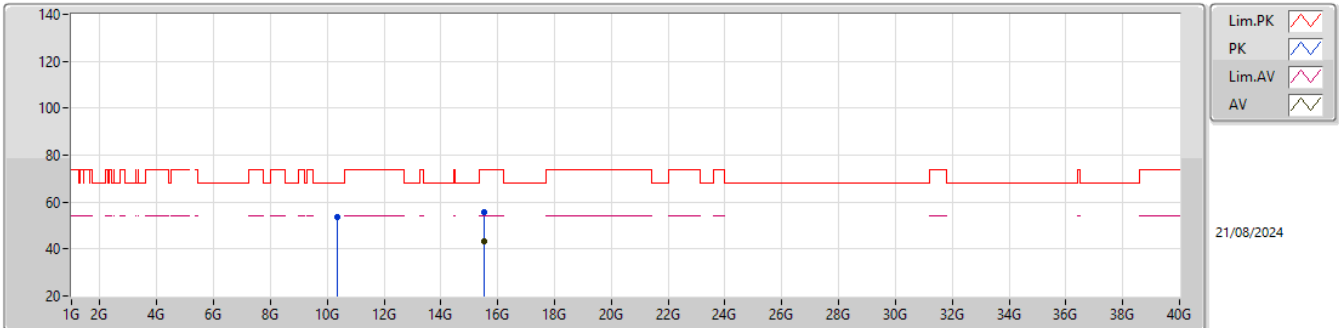


EUT_Y_4TX
Setting 22.5
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1478G	67.17	74.00	-6.83	72.39	3	Horizontal	293	2.52	-	32.60	5.90	43.72			
AV	5.1482G	53.51	54.00	-0.49	58.73	3	Horizontal	293	2.52	-	32.60	5.90	43.72			
PK	5.1874G	114.66	Inf	-Inf	119.75	3	Horizontal	293	2.52	-	32.67	5.91	43.67			
AV	5.1874G	106.38	Inf	-Inf	111.47	3	Horizontal	293	2.52	-	32.67	5.91	43.67			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

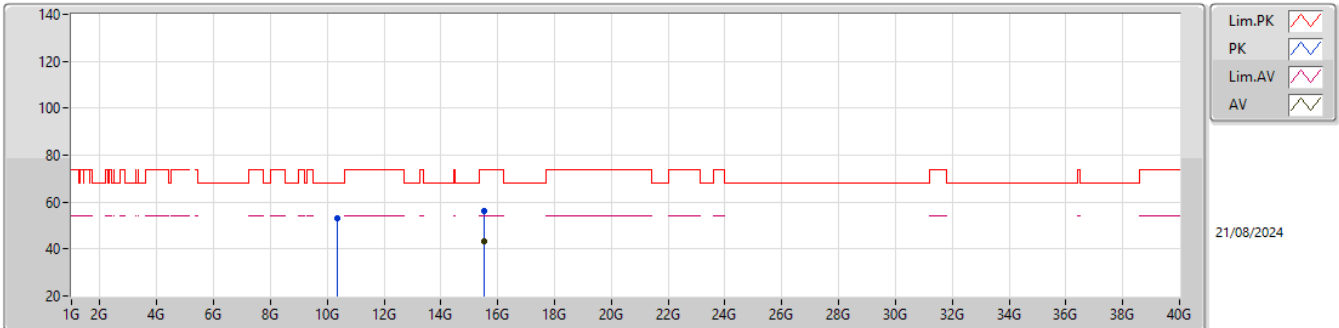


EUT_Y_4TX
Setting 22.5
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.36464G	53.40	68.20	-14.80	48.72	3	Vertical	268	1.77	-	38.60	8.90	42.82			
PK	15.53186G	55.50	74.00	-18.50	47.36	3	Vertical	277	1.80	-	38.30	11.23	41.39			
AV	15.5304G	43.10	54.00	-10.90	34.96	3	Vertical	277	1.80	-	38.30	11.23	41.39			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

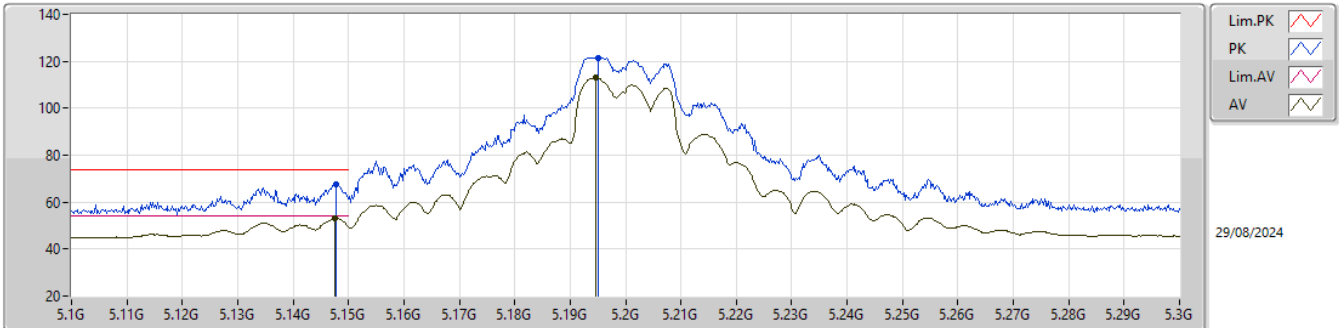


EUT_Y_4TX
Setting 22.5
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.36076G	53.25	68.20	-14.95	48.58	3	Horizontal	263	1.12	-	38.60	8.89	42.82			
PK	15.53626G	56.25	74.00	-17.75	48.12	3	Horizontal	35	1.03	-	38.30	11.23	41.40			
AV	15.53218G	43.10	54.00	-10.90	34.96	3	Horizontal	35	1.03	-	38.30	11.23	41.39			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

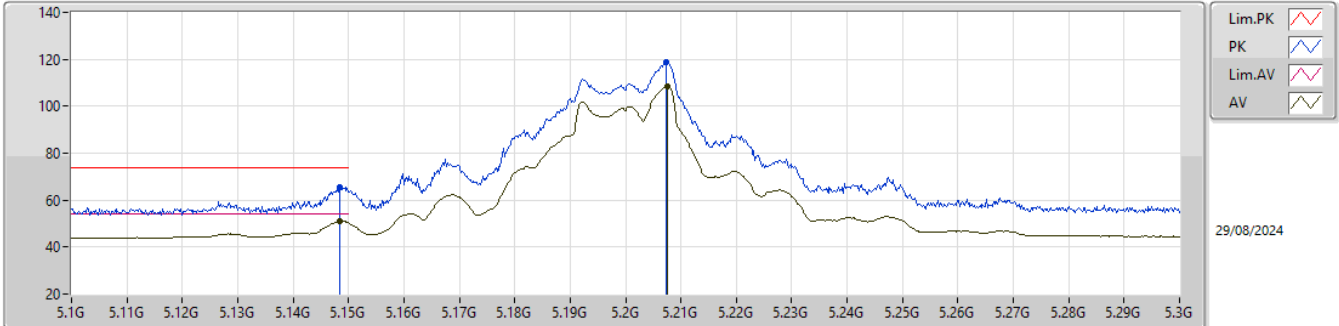


EUT_Y_4TX
Setting 26
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1478G	67.57	74.00	-6.43	72.79	3	Vertical	356	1.92	-	32.60	5.90	43.72			
AV	5.1476G	53.04	54.00	-0.96	58.26	3	Vertical	356	1.92	-	32.60	5.90	43.72			
PK	5.195G	121.60	Inf	-Inf	126.65	3	Vertical	356	1.92	-	32.69	5.92	43.66			
AV	5.1946G	113.02	Inf	-Inf	118.07	3	Vertical	356	1.92	-	32.69	5.92	43.66			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

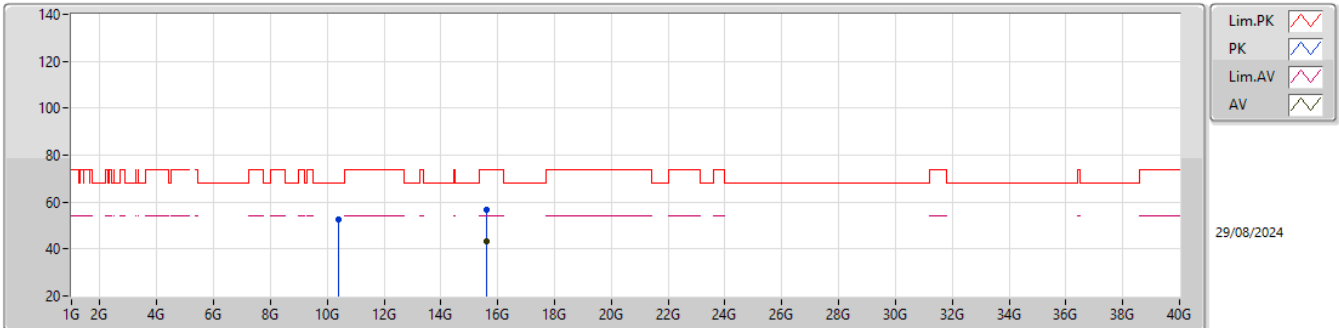


EUT_Y_4TX
Setting 26
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1484G	65.76	74.00	-8.24	70.98	3	Horizontal	294	1.97	-	32.60	5.90	43.72			
AV	5.1484G	51.04	54.00	-2.96	56.26	3	Horizontal	294	1.97	-	32.60	5.90	43.72			
PK	5.2074G	118.99	Inf	-Inf	124.01	3	Horizontal	294	1.97	-	32.70	5.93	43.65			
AV	5.2076G	108.58	Inf	-Inf	113.60	3	Horizontal	294	1.97	-	32.70	5.93	43.65			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

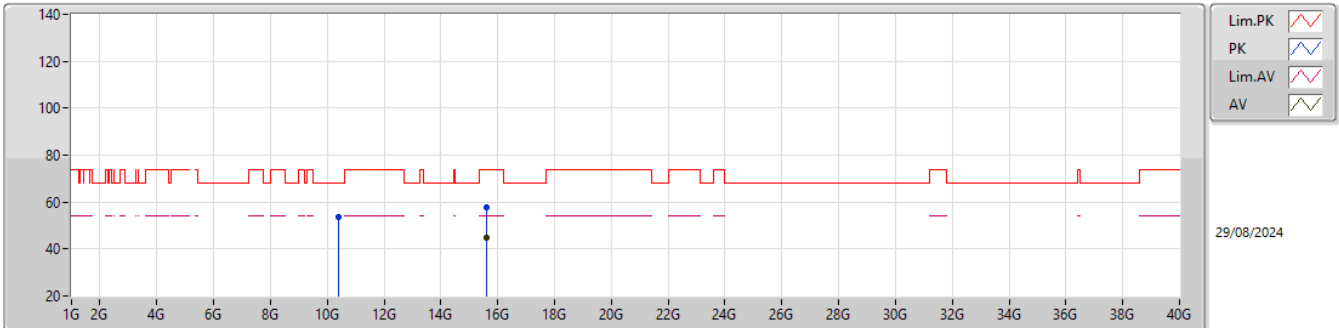


EUT_Y_4TX
Setting 26
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.40288G	52.52	68.20	-15.68	47.84	3	Vertical	322	1.80	-	38.60	8.92	42.84			
PK	15.5961G	56.88	74.00	-17.12	48.75	3	Vertical	296	2.48	-	38.39	11.26	41.52			
AV	15.59535G	43.37	54.00	-10.63	35.24	3	Vertical	296	2.48	-	38.39	11.26	41.52			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

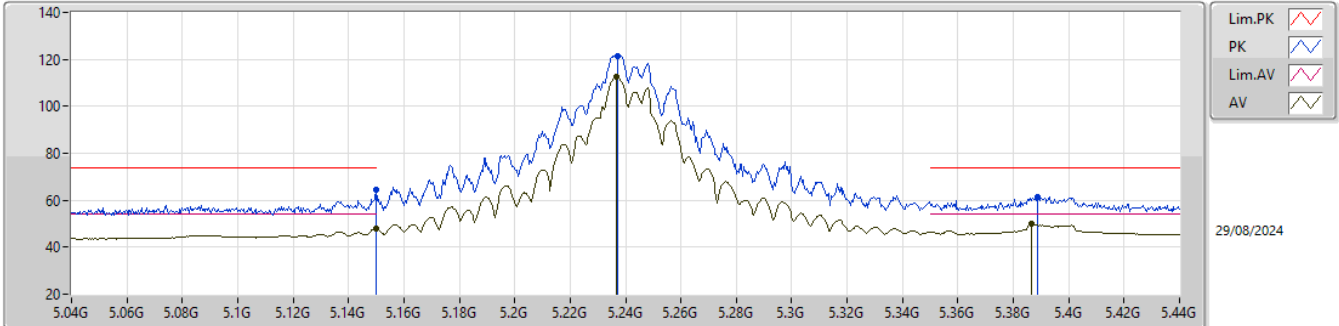


EUT_Y_4TX
Setting 26
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.40495G	53.65	68.20	-14.55	48.97	3	Horizontal	135	1.84	-	38.60	8.92	42.84			
PK	15.59676G	57.82	74.00	-16.18	49.69	3	Horizontal	212	2.53	-	38.39	11.26	41.52			
AV	15.59763G	44.80	54.00	-9.20	36.66	3	Horizontal	212	2.53	-	38.40	11.26	41.52			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

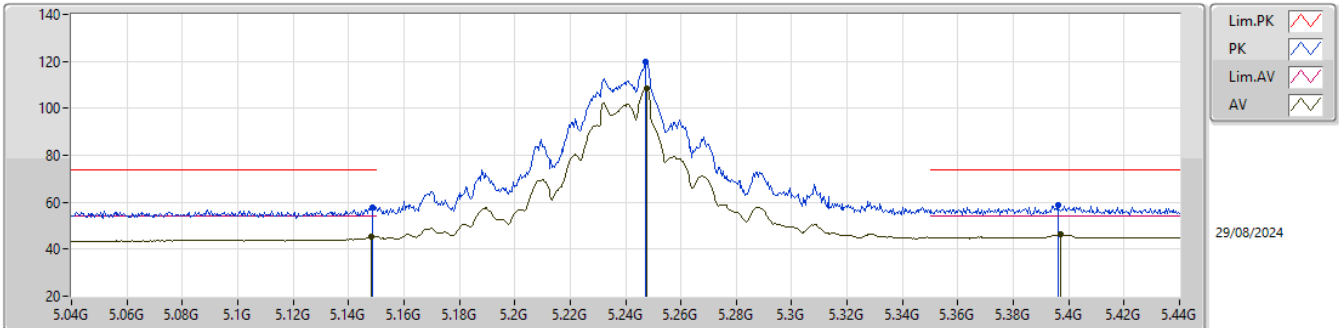


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.15G	64.26	74.00	-9.74	69.48	3	Vertical	340	1.80	-	32.60	5.90	43.72			
AV	5.15G	47.96	54.00	-6.04	53.18	3	Vertical	340	1.80	-	32.60	5.90	43.72			
PK	5.2372G	121.61	Inf	-Inf	126.56	3	Vertical	340	1.80	-	32.70	5.96	43.61			
AV	5.2368G	112.46	Inf	-Inf	117.42	3	Vertical	340	1.80	-	32.70	5.96	43.62			
PK	5.3888G	61.24	74.00	-12.76	65.51	3	Vertical	340	1.80	-	33.06	6.11	43.44			
AV	5.3864G	50.11	54.00	-3.89	54.39	3	Vertical	340	1.80	-	33.05	6.11	43.44			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

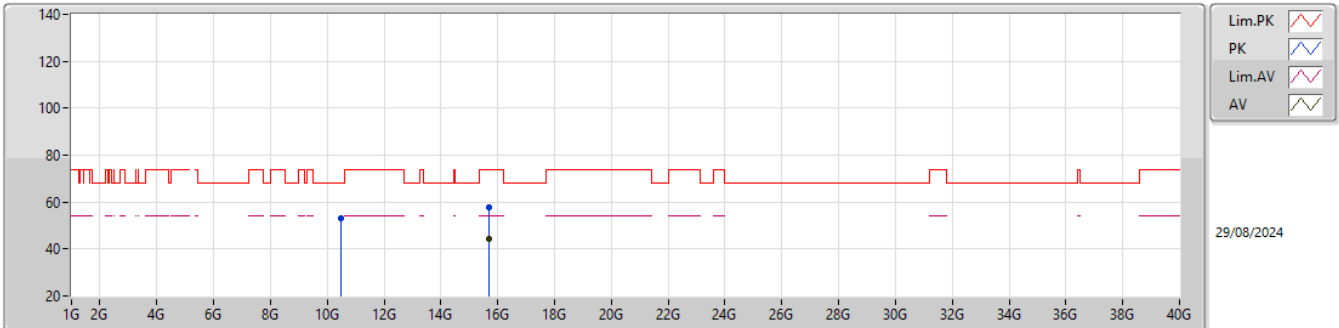


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1488G	57.94	74.00	-16.06	63.16	3	Horizontal	292	2.01	-	32.60	5.90	43.72			
AV	5.1484G	45.36	54.00	-8.64	50.58	3	Horizontal	292	2.01	-	32.60	5.90	43.72			
PK	5.2472G	119.98	Inf	-Inf	124.91	3	Horizontal	292	2.01	-	32.70	5.97	43.60			
AV	5.2476G	108.50	Inf	-Inf	113.43	3	Horizontal	292	2.01	-	32.70	5.97	43.60			
PK	5.396G	58.91	74.00	-15.09	63.14	3	Horizontal	292	2.01	-	33.08	6.12	43.43			
AV	5.3972G	46.24	54.00	-7.76	50.46	3	Horizontal	292	2.01	-	33.09	6.12	43.43			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

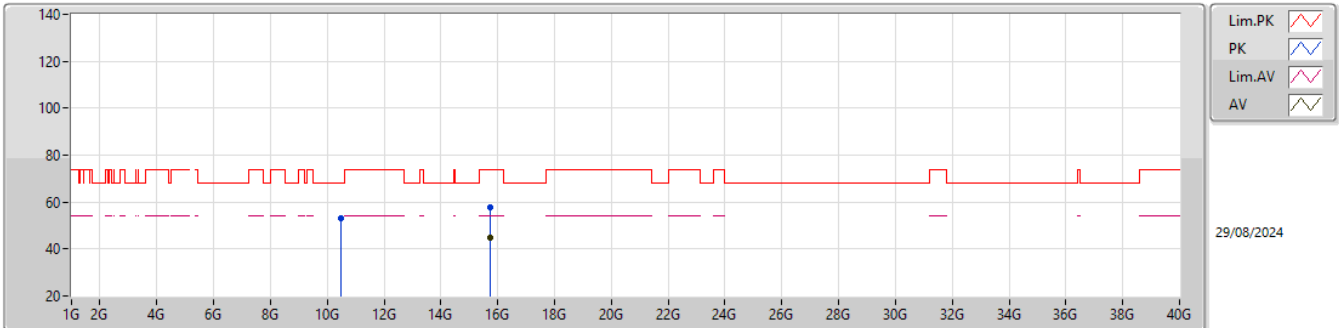


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.47697G	53.30	68.20	-14.90	48.57	3	Vertical	144	1.45	-	38.65	8.95	42.87			
PK	15.71529G	57.82	74.00	-16.18	50.38	3	Vertical	296	2.57	-	37.89	11.31	41.76			
AV	15.71499G	44.49	54.00	-9.51	37.05	3	Vertical	296	2.57	-	37.89	11.31	41.76			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

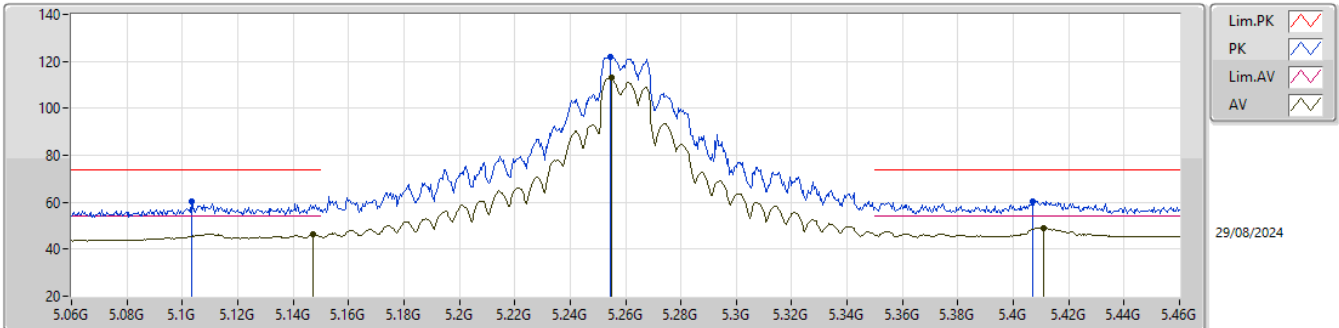


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.49386G	53.34	68.20	-14.86	48.57	3	Horizontal	132	1.80	-	38.69	8.96	42.88			
PK	15.71745G	57.98	74.00	-16.02	50.52	3	Horizontal	214	2.50	-	37.90	11.32	41.76			
AV	15.71706G	44.83	54.00	-9.17	37.37	3	Horizontal	214	2.50	-	37.90	11.32	41.76			

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

5260MHz_TX

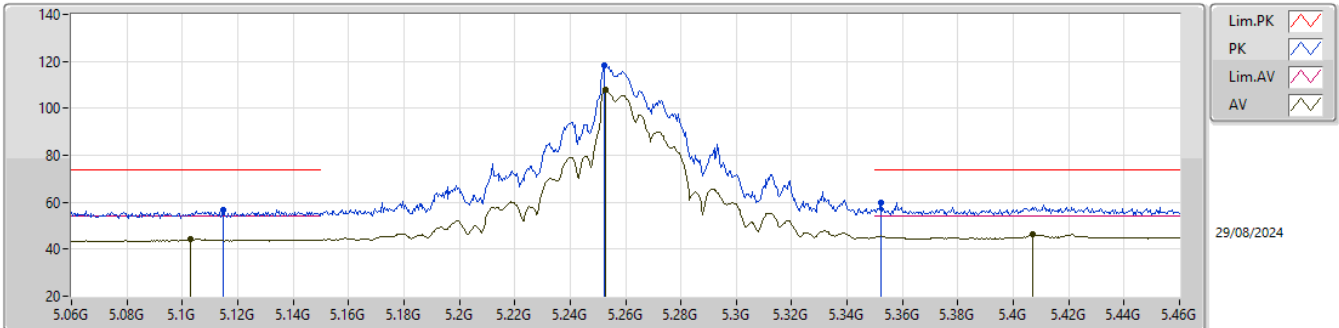


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1032G	60.31	74.00	-13.69	65.69	3	Vertical	0	1.97	-	32.51	5.88	43.77			
AV	5.1472G	46.33	54.00	-7.67	51.56	3	Vertical	0	1.97	-	32.59	5.90	43.72			
PK	5.2544G	121.65	Inf	-Inf	126.56	3	Vertical	0	1.97	-	32.71	5.97	43.59			
AV	5.2548G	113.25	Inf	-Inf	118.16	3	Vertical	0	1.97	-	32.71	5.97	43.59			
PK	5.4072G	60.54	74.00	-13.46	64.71	3	Vertical	0	1.97	-	33.13	6.12	43.42			
AV	5.4108G	49.17	54.00	-4.83	53.31	3	Vertical	0	1.97	-	33.14	6.13	43.41			

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

5260MHz_TX

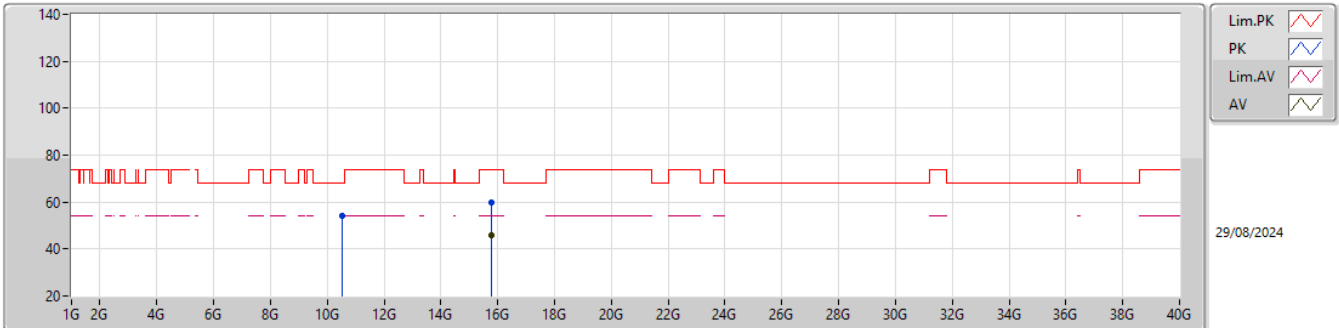


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1148G	56.77	74.00	-17.23	62.12	3	Horizontal	338	1.98	-	32.53	5.88	43.76			
AV	5.1028G	44.08	54.00	-9.92	49.46	3	Horizontal	338	1.98	-	32.51	5.88	43.77			
PK	5.2524G	118.51	Inf	-Inf	123.44	3	Horizontal	338	1.98	-	32.70	5.97	43.60			
AV	5.2528G	107.98	Inf	-Inf	112.90	3	Horizontal	338	1.98	-	32.71	5.97	43.60			
PK	5.3524G	59.90	74.00	-14.10	64.40	3	Horizontal	338	1.98	-	32.91	6.07	43.48			
AV	5.4068G	46.34	54.00	-7.66	50.51	3	Horizontal	338	1.98	-	33.13	6.12	43.42			

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

5260MHz_TX

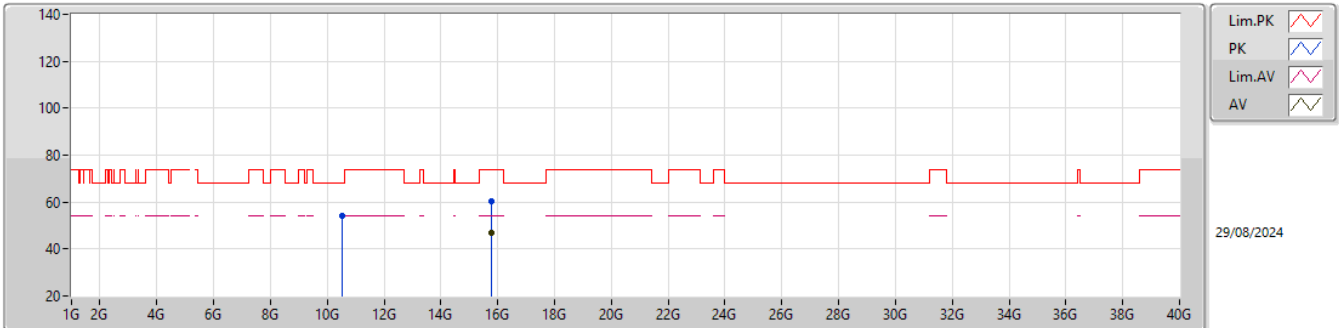


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.52006G	53.88	68.20	-14.32	49.01	3	Vertical	72	1.80	-	38.74	8.98	42.85			
PK	15.77655G	59.92	74.00	-14.08	52.31	3	Vertical	291	1.93	-	38.15	11.34	41.88			
AV	15.7752G	45.86	54.00	-8.14	38.24	3	Vertical	291	1.93	-	38.15	11.34	41.87			

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

5260MHz_TX

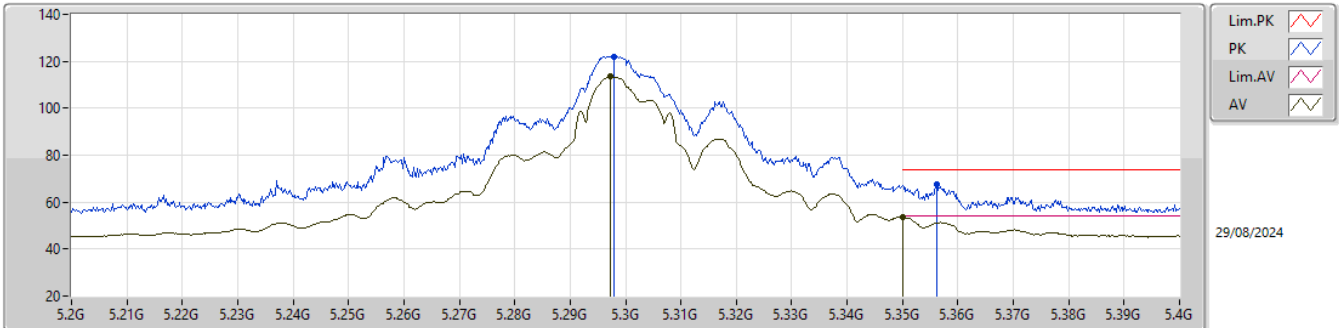


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.51379G	54.06	68.20	-14.14	49.22	3	Horizontal	58	1.80	-	38.73	8.97	42.86			
PK	15.77745G	60.25	74.00	-13.75	52.64	3	Horizontal	212	2.53	-	38.15	11.34	41.88			
AV	15.77721G	46.65	54.00	-7.35	39.04	3	Horizontal	212	2.53	-	38.15	11.34	41.88			

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

5300MHz_TX

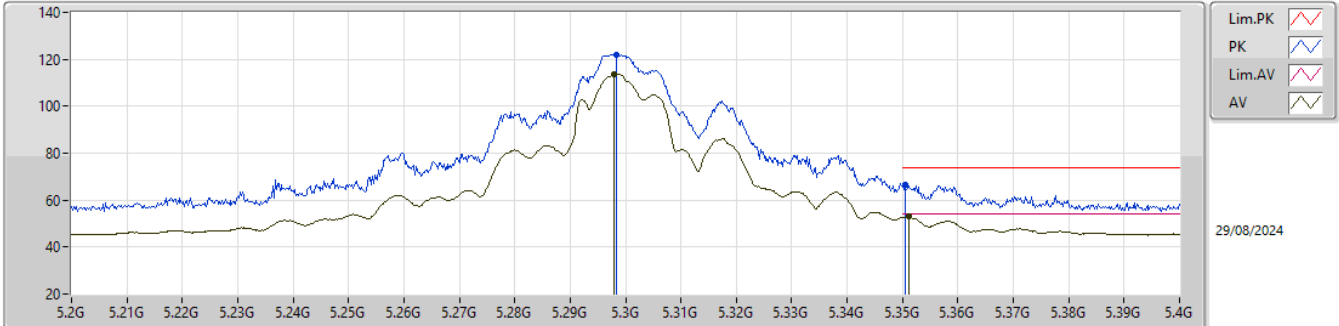


EUT_Y_4TX
Setting 26
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.298G	121.88	Inf	-Inf	126.60	3	Vertical	68	2.61	-	32.80	6.02	43.54			
AV	5.2972G	113.42	Inf	-Inf	118.16	3	Vertical	68	2.61	-	32.79	6.02	43.55			
PK	5.3562G	67.55	74.00	-6.45	72.03	3	Vertical	68	2.61	-	32.92	6.08	43.48			
AV	5.35G	53.51	54.00	-0.49	58.02	3	Vertical	68	2.61	-	32.90	6.07	43.48			

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

5300MHz_TX

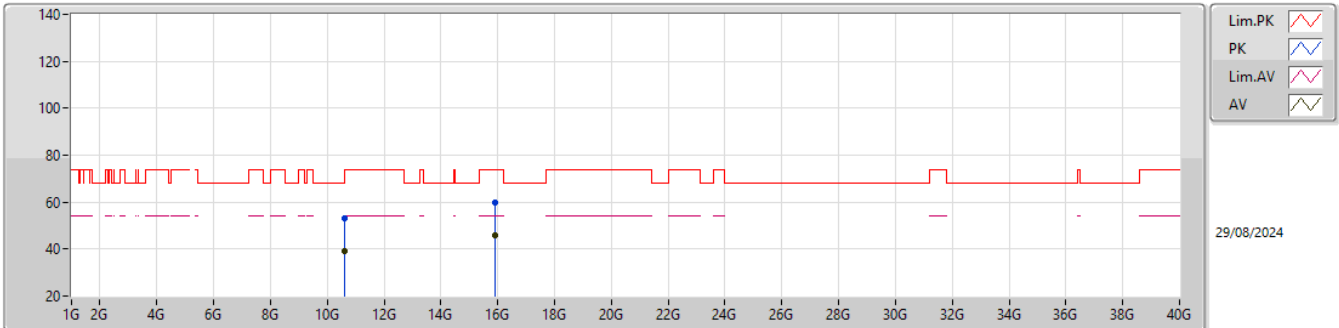


EUT_Y_4TX
Setting 26
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.2984G	121.89	Inf	-Inf	126.61	3	Horizontal	72	2.60	-	32.80	6.02	43.54			
AV	5.298G	113.56	Inf	-Inf	118.28	3	Horizontal	72	2.60	-	32.80	6.02	43.54			
PK	5.3504G	66.68	74.00	-7.32	71.19	3	Horizontal	72	2.60	-	32.90	6.07	43.48			
AV	5.3512G	53.08	54.00	-0.92	57.59	3	Horizontal	72	2.60	-	32.90	6.07	43.48			

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

5300MHz_TX

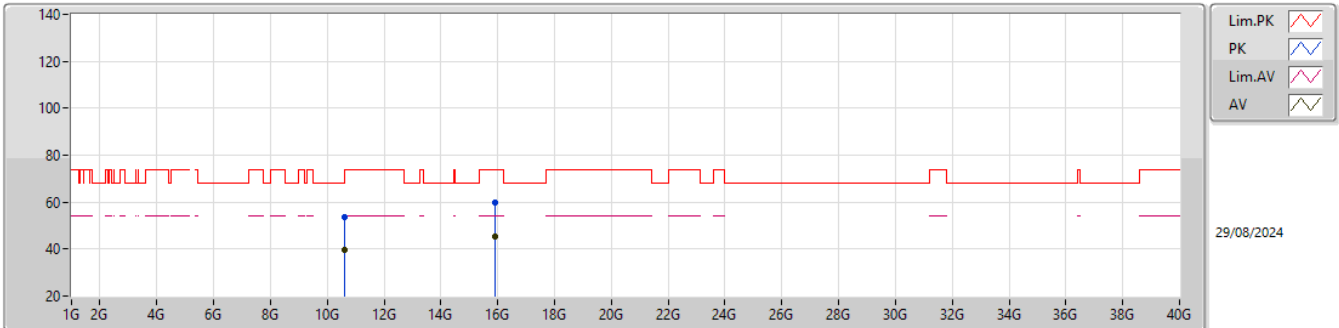


EUT_Y_4TX
Setting 26
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.60604G	53.21	74.00	-20.79	48.03	3	Vertical	210	1.80	-	38.90	9.02	42.74			
AV	10.60444G	39.36	54.00	-14.64	34.18	3	Vertical	210	1.80	-	38.90	9.02	42.74			
PK	15.89484G	59.94	74.00	-14.06	52.46	3	Vertical	290	1.53	-	38.19	11.40	42.11			
AV	15.89478G	45.97	54.00	-8.03	38.49	3	Vertical	290	1.53	-	38.19	11.40	42.11			

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

5300MHz_TX

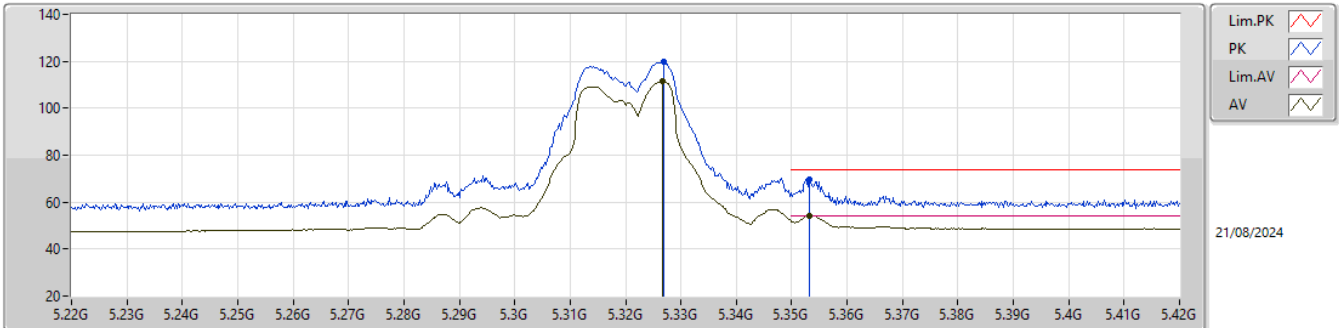


EUT_Y_4TX
Setting 26
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.60093G	53.70	74.00	-20.30	48.53	3	Horizontal	53	2.25	-	38.90	9.02	42.75			
AV	10.60559G	39.74	54.00	-14.26	34.56	3	Horizontal	53	2.25	-	38.90	9.02	42.74			
PK	15.89502G	59.88	74.00	-14.12	52.40	3	Horizontal	214	2.82	-	38.19	11.40	42.11			
AV	15.8955G	45.47	54.00	-8.53	37.99	3	Horizontal	214	2.82	-	38.19	11.40	42.11			

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

5320MHz_TX

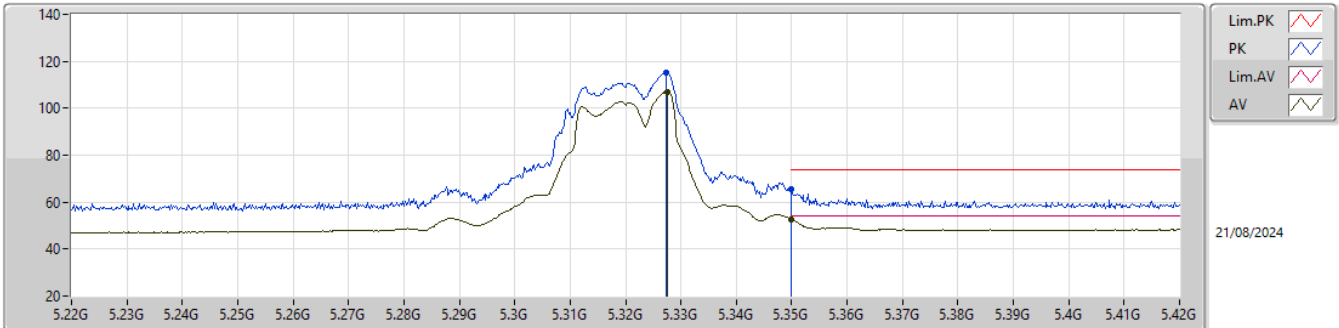


EUT_Y_4TX
Setting 22.5
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.3268G	119.99	Inf	-Inf	124.60	3	Vertical	291	2.03	-	32.85	6.05	43.51			
AV	5.3266G	111.31	Inf	-Inf	115.92	3	Vertical	291	2.03	-	32.85	6.05	43.51			
PK	5.3532G	69.50	74.00	-4.50	74.00	3	Vertical	291	2.03	-	32.91	6.07	43.48			
AV	5.3532G	53.98	54.00	-0.02	58.48	3	Vertical	291	2.03	-	32.91	6.07	43.48			

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

5320MHz_TX

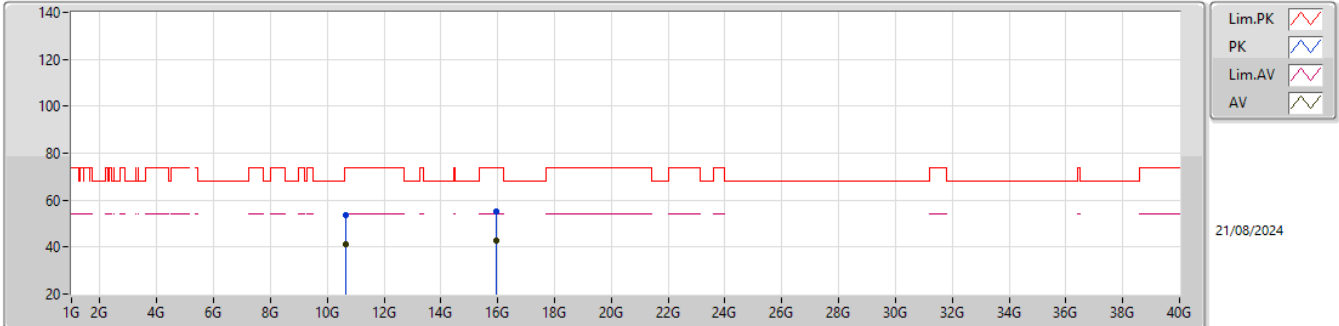


EUT_Y_4TX
Setting 22.5
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.3274G	115.12	Inf	-Inf	119.73	3	Horizontal	292	2.34	-	32.85	6.05	43.51			
AV	5.3276G	107.12	Inf	-Inf	111.72	3	Horizontal	292	2.34	-	32.86	6.05	43.51			
PK	5.35G	65.60	74.00	-8.40	70.11	3	Horizontal	292	2.34	-	32.90	6.07	43.48			
AV	5.35G	52.71	54.00	-1.29	57.22	3	Horizontal	292	2.34	-	32.90	6.07	43.48			

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

5320MHz_TX

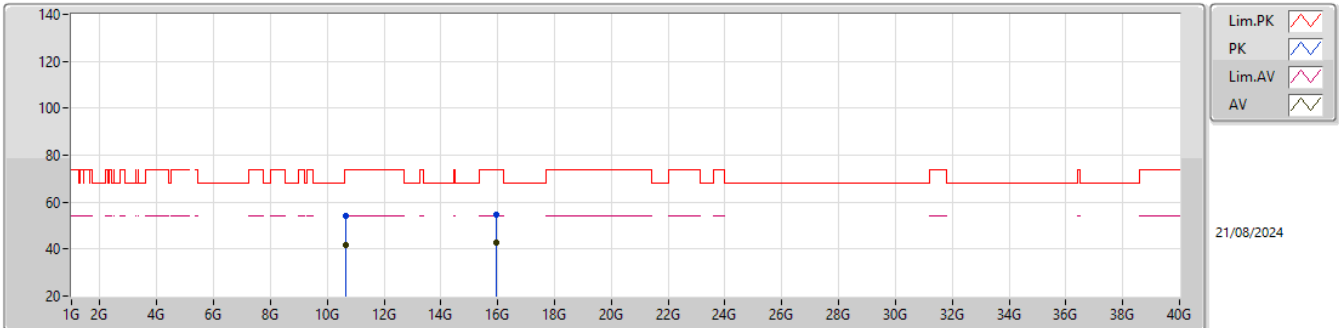


EUT_Y_4TX
Setting 22.5
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.649G	53.81	74.00	-20.19	48.55	3	Vertical	121	1.74	-	38.90	9.04	42.68			
AV	10.64532G	41.14	54.00	-12.86	35.89	3	Vertical	121	1.74	-	38.90	9.04	42.69			
PK	15.96632G	55.16	74.00	-18.84	47.58	3	Vertical	203	2.40	-	38.40	11.43	42.25			
AV	15.96772G	42.84	54.00	-11.16	35.27	3	Vertical	203	2.40	-	38.40	11.43	42.26			

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

5320MHz_TX

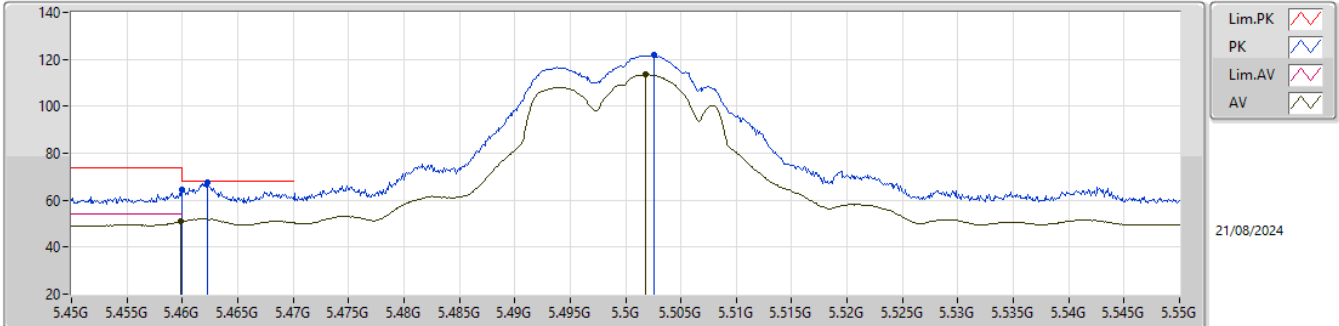


EUT_Y_4TX
Setting 22.5
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.64572G	54.19	74.00	-19.81	48.94	3	Horizontal	118	1.82	-	38.90	9.04	42.69			
AV	10.63564G	41.72	54.00	-12.28	36.49	3	Horizontal	118	1.82	-	38.90	9.03	42.70			
PK	15.95842G	54.88	74.00	-19.12	47.29	3	Horizontal	168	2.48	-	38.40	11.43	42.24			
AV	15.96688G	42.79	54.00	-11.21	35.21	3	Horizontal	168	2.48	-	38.40	11.43	42.25			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

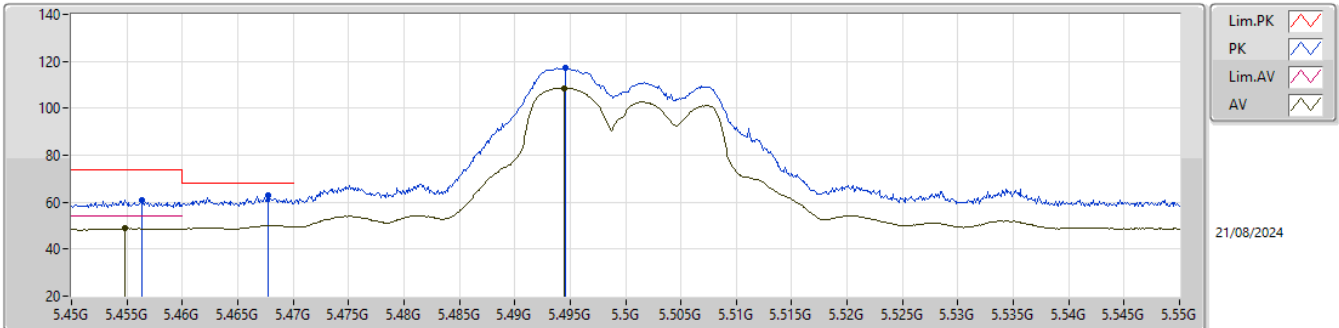


EUT_Y_4TX
Setting 23.5
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.46G	64.51	74.00	-9.49	68.36	3	Vertical	266	2.84	-	33.36	6.15	43.36			
AV	5.4599G	50.93	54.00	-3.07	54.78	3	Vertical	266	2.84	-	33.36	6.15	43.36			
PK	5.4623G	67.72	68.20	-0.48	71.55	3	Vertical	266	2.84	-	33.37	6.15	43.35			
PK	5.5026G	121.67	Inf	-Inf	125.20	3	Vertical	266	2.84	-	33.61	6.17	43.31			
AV	5.5018G	113.40	Inf	-Inf	116.94	3	Vertical	266	2.84	-	33.60	6.17	43.31			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

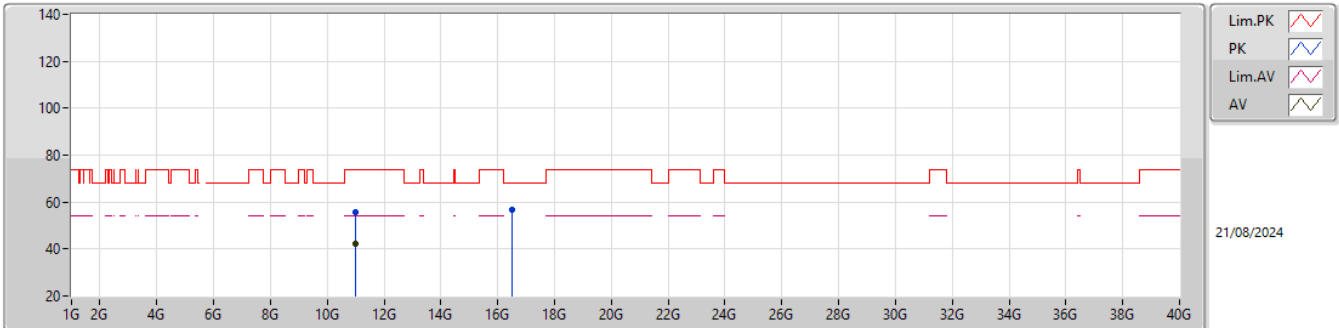


EUT_Y_4TX
Setting 23.5
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4563G	61.07	74.00	-12.93	64.94	3	Horizontal	318	1.80	-	33.34	6.15	43.36			
AV	5.4548G	48.78	54.00	-5.22	52.66	3	Horizontal	318	1.80	-	33.33	6.15	43.36			
PK	5.4677G	63.12	68.20	-5.08	66.91	3	Horizontal	318	1.80	-	33.41	6.15	43.35			
PK	5.4946G	117.06	Inf	-Inf	120.64	3	Horizontal	318	1.80	-	33.57	6.17	43.32			
AV	5.4945G	108.64	Inf	-Inf	112.22	3	Horizontal	318	1.80	-	33.57	6.17	43.32			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

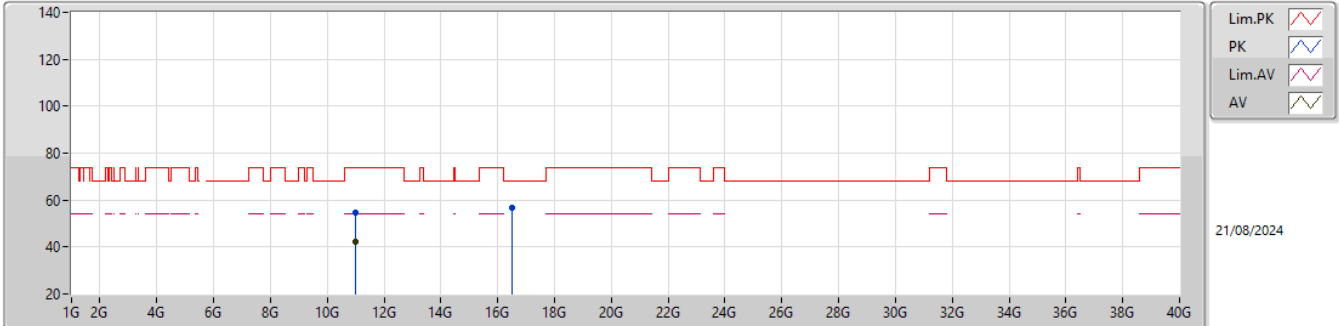


EUT_Y_4TX
Setting 23.5
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.99208G	55.80	74.00	-18.20	49.89	3	Vertical	225	3.00	-	38.92	9.22	42.23			
AV	10.99994G	42.33	54.00	-11.67	36.43	3	Vertical	225	3.00	-	38.90	9.22	42.22			
PK	16.50034G	56.93	68.20	-11.27	47.04	3	Vertical	360	1.80	-	39.30	11.85	41.26			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

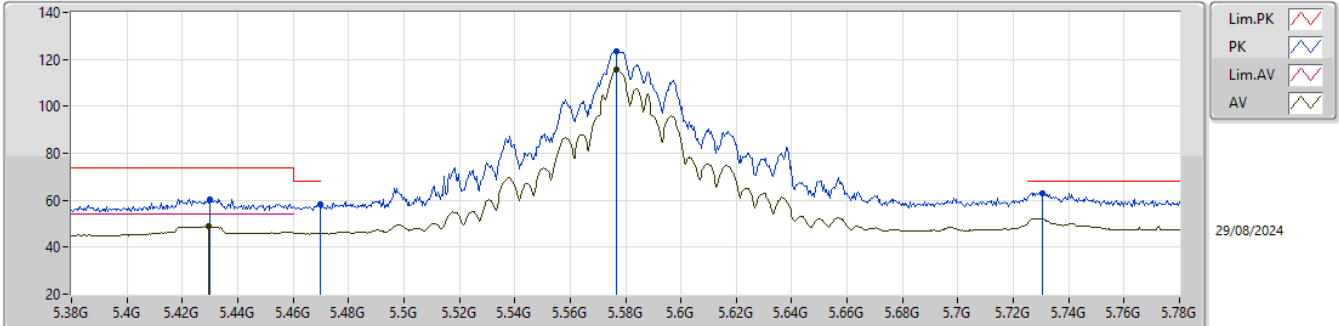


EUT_Y_4TX
Setting 23.5
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.00366G	54.77	74.00	-19.23	48.89	3	Horizontal	100	2.72	-	38.89	9.22	42.23			
AV	11.0054G	42.30	54.00	-11.70	36.42	3	Horizontal	100	2.72	-	38.89	9.22	42.23			
PK	16.49712G	56.57	68.20	-11.63	46.70	3	Horizontal	166	1.24	-	39.29	11.85	41.27			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

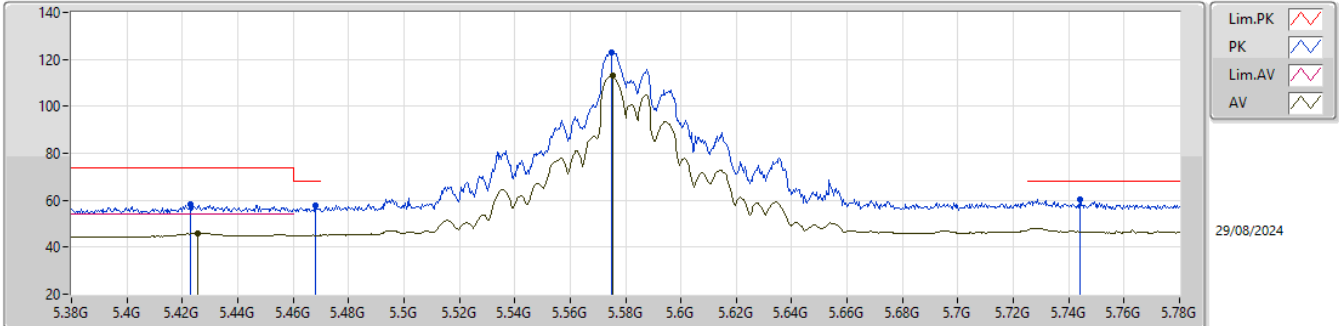


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.43G	60.40	74.00	-13.60	64.44	3	Vertical	338	1.60	-	33.22	6.13	43.39			
AV	5.4296G	48.80	54.00	-5.20	52.84	3	Vertical	338	1.60	-	33.22	6.13	43.39			
PK	5.47G	58.31	68.20	-9.89	62.07	3	Vertical	338	1.60	-	33.42	6.16	43.34			
PK	5.5768G	123.29	Inf	-Inf	126.65	3	Vertical	338	1.60	-	33.70	6.21	43.27			
AV	5.5768G	115.46	Inf	-Inf	118.82	3	Vertical	338	1.60	-	33.70	6.21	43.27			
PK	5.7304G	63.18	68.20	-5.02	66.23	3	Vertical	338	1.60	-	33.92	6.21	43.18			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

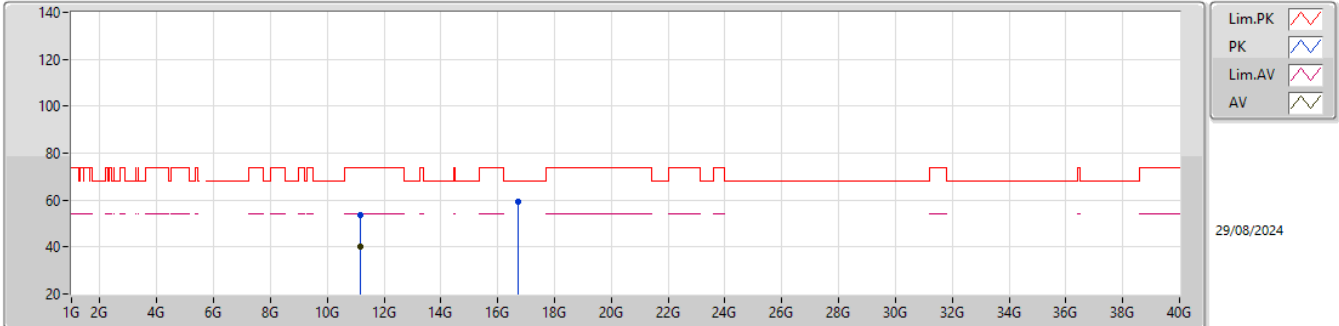


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4228G	58.10	74.00	-15.90	62.18	3	Horizontal	318	2.05	-	33.19	6.13	43.40			
AV	5.4256G	46.05	54.00	-7.95	50.12	3	Horizontal	318	2.05	-	33.20	6.13	43.40			
PK	5.468G	57.69	68.20	-10.51	61.48	3	Horizontal	318	2.05	-	33.41	6.15	43.35			
PK	5.5748G	122.91	Inf	-Inf	126.27	3	Horizontal	318	2.05	-	33.70	6.21	43.27			
AV	5.5752G	112.85	Inf	-Inf	116.21	3	Horizontal	318	2.05	-	33.70	6.21	43.27			
PK	5.744G	60.27	68.20	-7.93	63.25	3	Horizontal	318	2.05	-	33.98	6.21	43.17			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

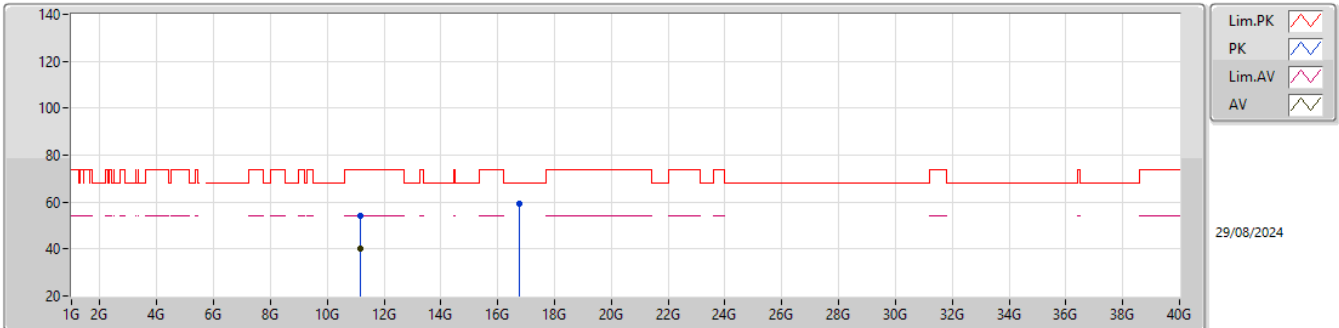


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.15994G	53.38	74.00	-20.62	48.01	3	Vertical	5	2.46	-	38.60	9.30	42.53			
AV	11.14917G	40.21	54.00	-13.79	34.82	3	Vertical	5	2.46	-	38.60	9.30	42.51			
PK	16.73499G	59.27	68.20	-8.93	49.23	3	Vertical	225	2.13	-	39.74	12.04	41.74			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

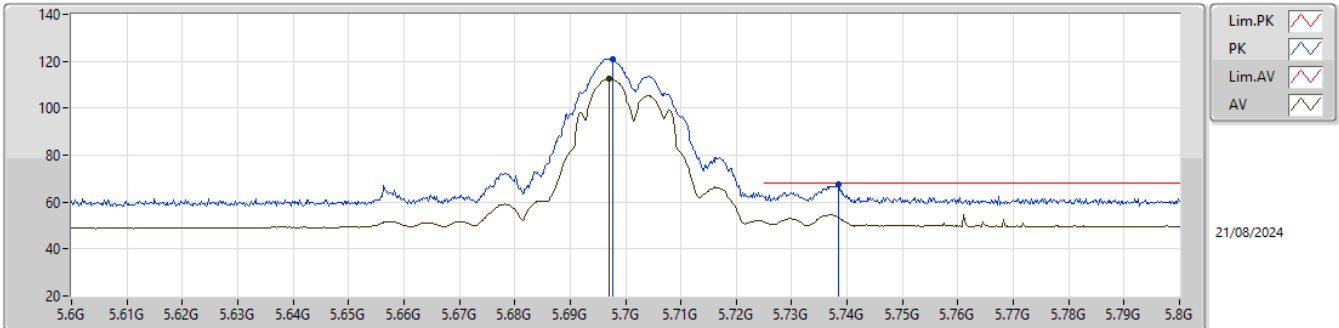


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.17047G	54.04	74.00	-19.96	48.68	3	Horizontal	191	2.97	-	38.60	9.31	42.55			
AV	11.15931G	40.04	54.00	-13.96	34.67	3	Horizontal	191	2.97	-	38.60	9.30	42.53			
PK	16.7451G	59.21	68.20	-8.99	49.14	3	Horizontal	308	2.82	-	39.78	12.05	41.76			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

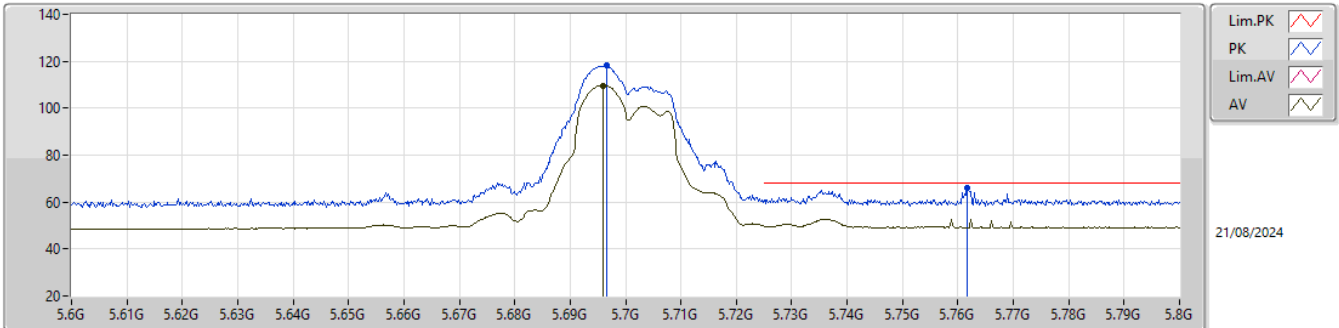


EUT_Y_4TX
Setting 23.5
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6976G	120.74	Inf	-Inf	123.93	3	Vertical	338	1.44	-	33.80	6.21	43.20			
AV	5.697G	112.54	Inf	-Inf	115.74	3	Vertical	338	1.44	-	33.79	6.21	43.20			
PK	5.7384G	67.34	68.20	-0.86	70.36	3	Vertical	338	1.44	-	33.95	6.21	43.18			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

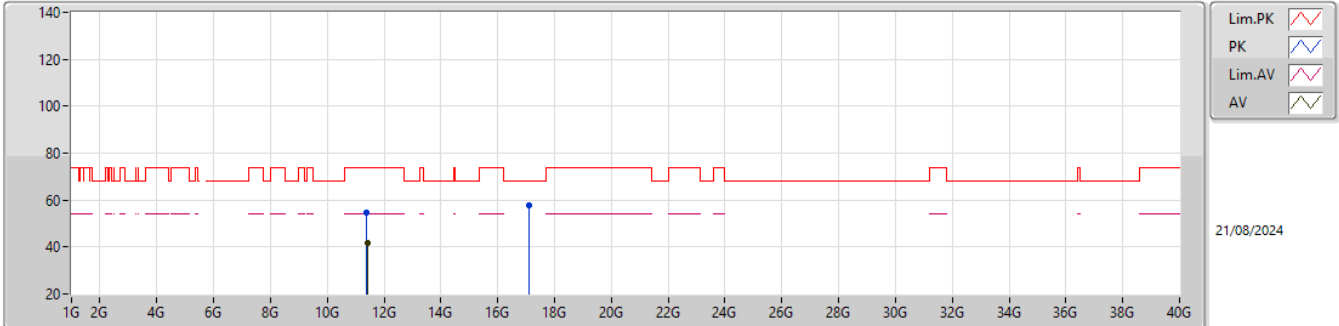


EUT_Y_4TX
Setting 23.5
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6966G	118.34	Inf	-Inf	121.54	3	Horizontal	310	2.05	-	33.79	6.21	43.20			
AV	5.696G	109.67	Inf	-Inf	112.87	3	Horizontal	310	2.05	-	33.79	6.21	43.20			
PK	5.7616G	65.86	68.20	-2.34	68.77	3	Horizontal	310	2.05	-	34.05	6.20	43.16			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

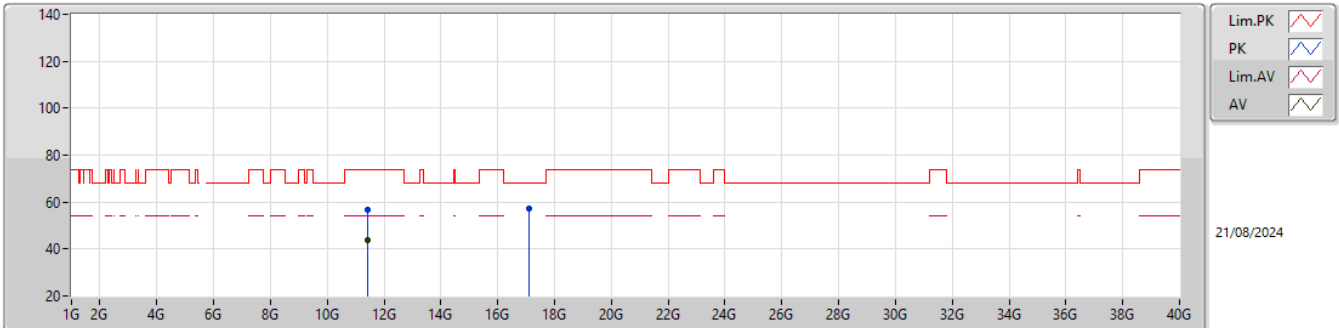


EUT_Y_4TX
Setting 23.5
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.39364G	54.77	74.00	-19.23	49.54	3	Vertical	27	1.48	-	38.80	9.42	42.99			
AV	11.41G	41.68	54.00	-12.32	36.47	3	Vertical	27	1.48	-	38.80	9.43	43.02			
PK	17.10438G	57.79	68.20	-10.41	46.72	3	Vertical	93	2.16	-	41.01	12.34	42.28			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

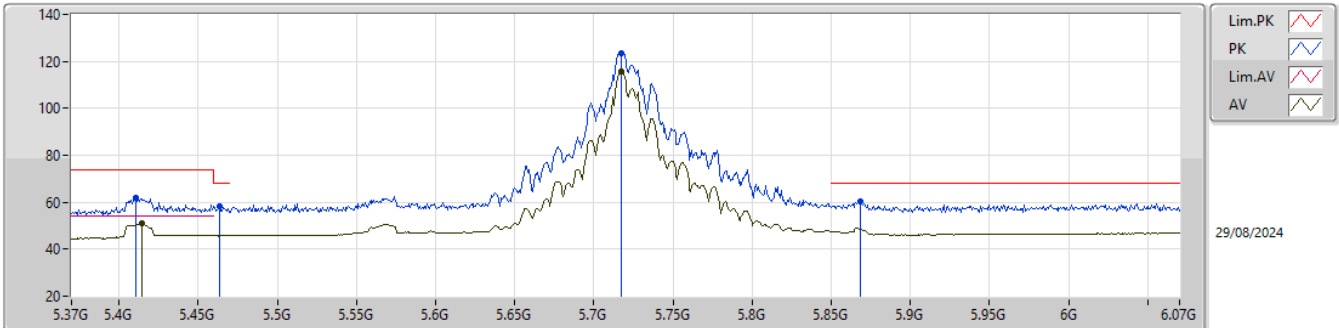


EUT_Y_4TX
Setting 23.5
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.40148G	56.95	74.00	-17.05	51.74	3	Horizontal	112	2.00	-	38.80	9.42	43.01			
AV	11.40192G	43.91	54.00	-10.09	38.70	3	Horizontal	112	2.00	-	38.80	9.42	43.01			
PK	17.10468G	57.38	68.20	-10.82	46.31	3	Horizontal	13	1.48	-	41.01	12.34	42.28			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

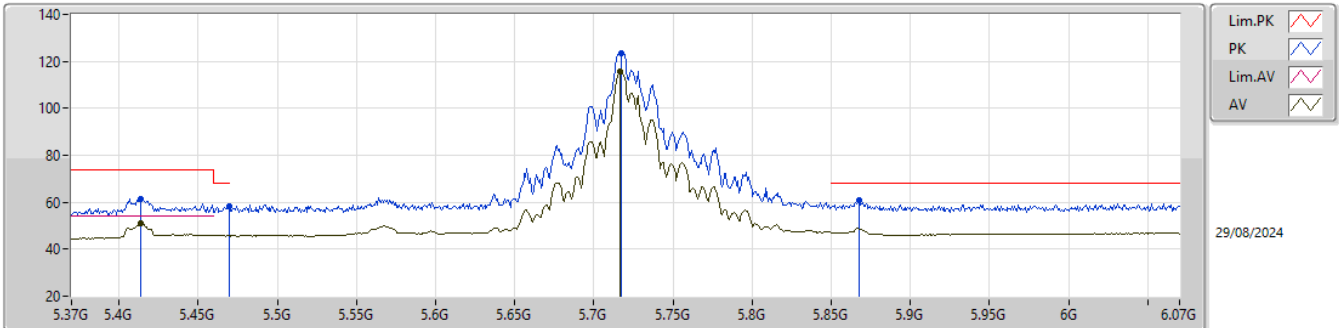


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4106G	61.98	74.00	-12.02	66.12	3	Vertical	338	1.65	-	33.14	6.13	43.41			
AV	5.4141G	50.94	54.00	-3.06	55.06	3	Vertical	338	1.65	-	33.16	6.13	43.41			
PK	5.4638G	58.43	68.20	-9.77	62.25	3	Vertical	338	1.65	-	33.38	6.15	43.35			
PK	5.7172G	123.40	Inf	-Inf	126.51	3	Vertical	338	1.65	-	33.87	6.21	43.19			
AV	5.7172G	115.44	Inf	-Inf	118.55	3	Vertical	338	1.65	-	33.87	6.21	43.19			
PK	5.8684G	60.30	68.20	-7.90	62.63	3	Vertical	338	1.65	-	34.51	6.26	43.10			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

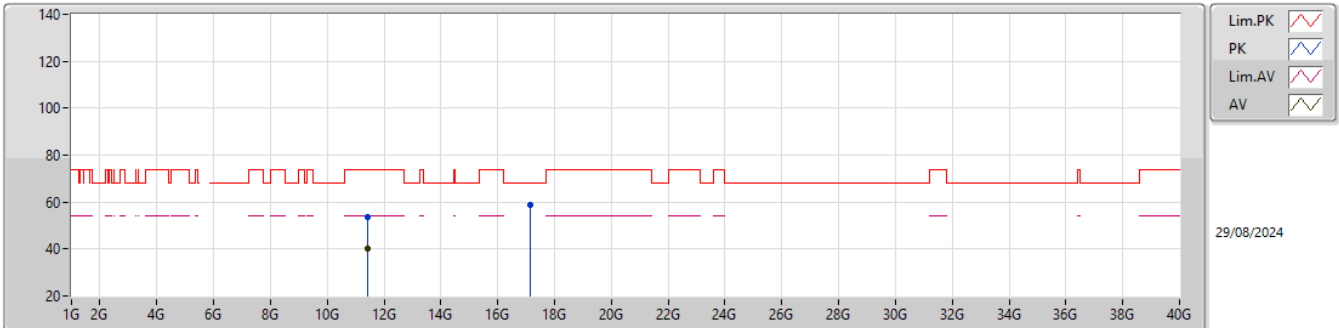


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4134G	61.41	74.00	-12.59	65.54	3	Horizontal	340	1.41	-	33.15	6.13	43.41			
AV	5.4134G	50.80	54.00	-3.20	54.93	3	Horizontal	340	1.41	-	33.15	6.13	43.41			
PK	5.47G	58.46	68.20	-9.74	62.23	3	Horizontal	340	1.41	-	33.42	6.15	43.34			
PK	5.7172G	123.41	Inf	-Inf	126.52	3	Horizontal	340	1.41	-	33.87	6.21	43.19			
AV	5.7165G	115.50	Inf	-Inf	118.61	3	Horizontal	340	1.41	-	33.87	6.21	43.19			
PK	5.8677G	60.74	68.20	-7.46	63.07	3	Horizontal	340	1.41	-	34.51	6.26	43.10			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

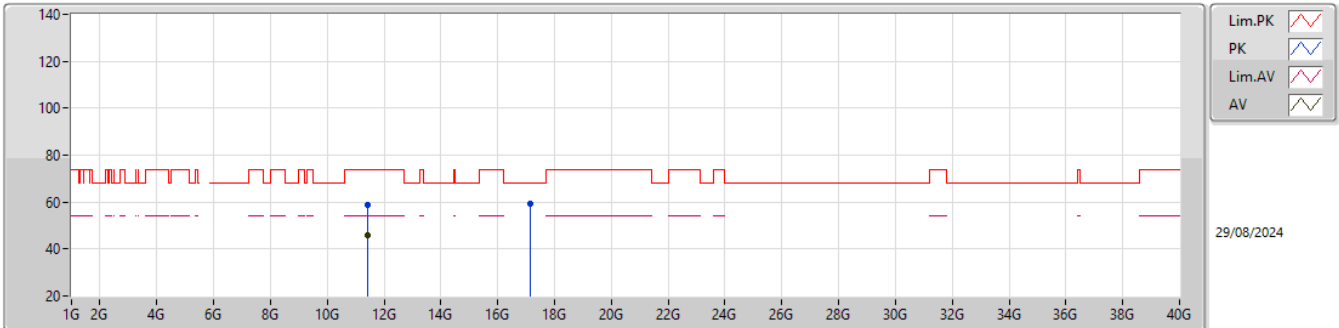


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.44084G	53.55	74.00	-20.45	48.39	3	Vertical	281	1.78	-	38.80	9.44	43.08			
AV	11.44159G	40.43	54.00	-13.57	35.27	3	Vertical	281	1.78	-	38.80	9.45	43.09			
PK	17.16774G	58.95	68.20	-9.25	47.70	3	Vertical	274	2.95	-	41.14	12.39	42.28			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

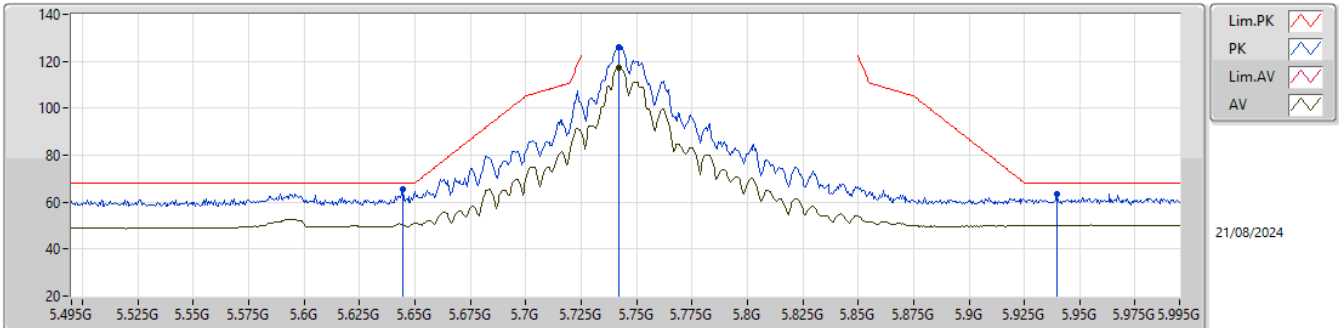


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.44264G	59.03	74.00	-14.97	53.87	3	Horizontal	130	2.90	-	38.80	9.45	43.09			
AV	11.4424G	45.70	54.00	-8.30	40.54	3	Horizontal	130	2.90	-	38.80	9.45	43.09			
PK	17.16177G	59.12	68.20	-9.08	47.89	3	Horizontal	234	1.86	-	41.12	12.39	42.28			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

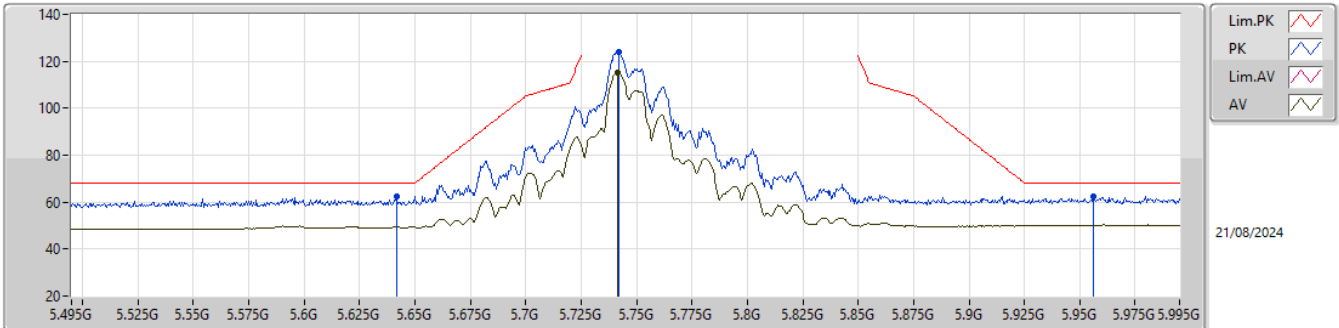


EUT_Y_4TX
Setting 30
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6445G	65.54	68.20	-2.66	68.85	3	Vertical	335	1.80	-	33.70	6.22	43.23			
PK	5.742G	126.25	Inf	-Inf	129.24	3	Vertical	335	1.80	-	33.97	6.21	43.17			
AV	5.742G	117.44	Inf	-Inf	120.43	3	Vertical	335	1.80	-	33.97	6.21	43.17			
PK	5.9395G	63.32	68.20	-4.88	65.11	3	Vertical	335	1.80	-	34.94	6.33	43.06			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

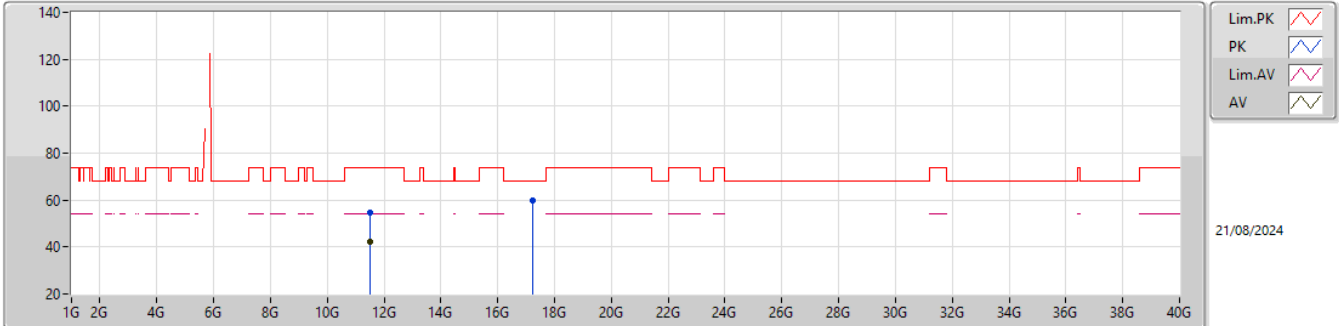


EUT_Y_4TX
Setting 30
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6415G	62.42	68.20	-5.78	65.73	3	Horizontal	308	2.23	-	33.70	6.22	43.23			
PK	5.742G	124.01	Inf	-Inf	127.00	3	Horizontal	308	2.23	-	33.97	6.21	43.17			
AV	5.7415G	114.97	Inf	-Inf	117.96	3	Horizontal	308	2.23	-	33.97	6.21	43.17			
PK	5.956G	62.41	68.20	-5.79	64.12	3	Horizontal	308	2.23	-	35.00	6.34	43.05			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

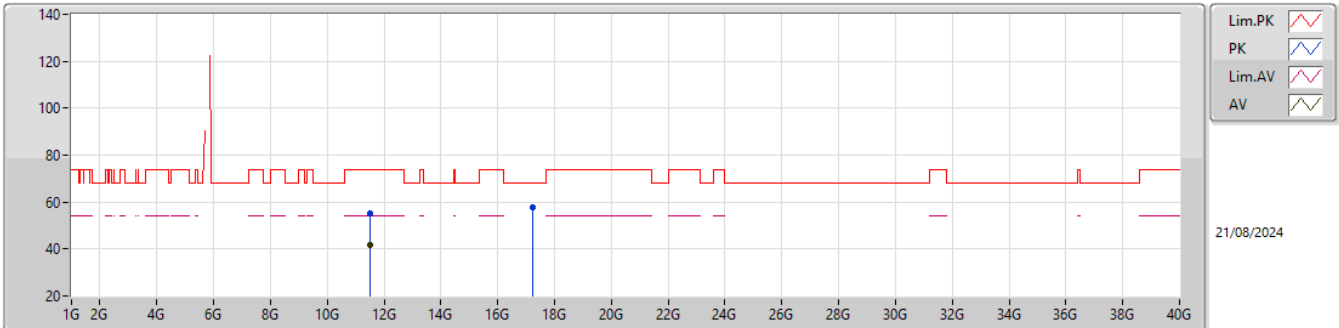


EUT_Y_4TX
Setting 30
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.48772G	54.45	74.00	-19.55	49.36	3	Vertical	283	1.80	-	38.80	9.47	43.18			
AV	11.49182G	42.09	54.00	-11.91	37.00	3	Vertical	283	1.80	-	38.80	9.47	43.18			
PK	17.22592G	59.92	68.20	-8.28	48.50	3	Vertical	296	2.30	-	41.25	12.44	42.27			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

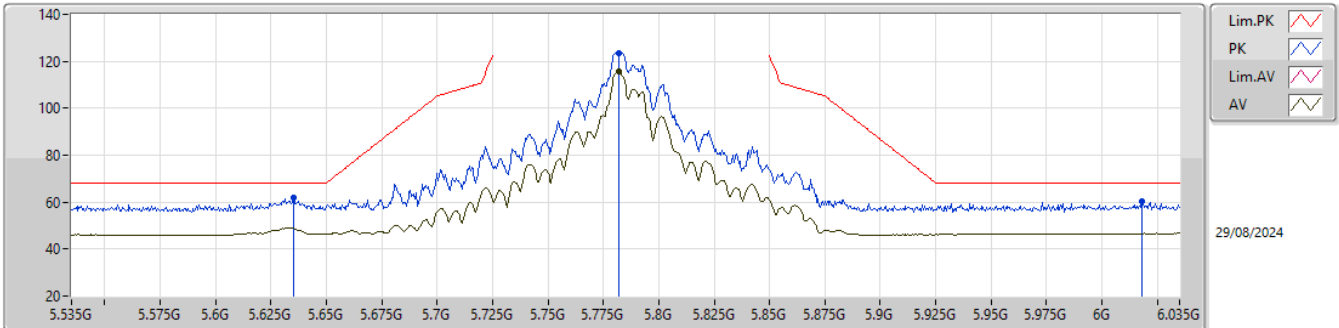


EUT_Y_4TX
Setting 30
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.4917G	55.03	74.00	-18.97	49.94	3	Horizontal	317	2.99	-	38.80	9.47	43.18			
AV	11.48708G	41.54	54.00	-12.46	36.44	3	Horizontal	317	2.99	-	38.80	9.47	43.17			
PK	17.24138G	57.93	68.20	-10.27	46.47	3	Horizontal	171	1.03	-	41.28	12.45	42.27			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

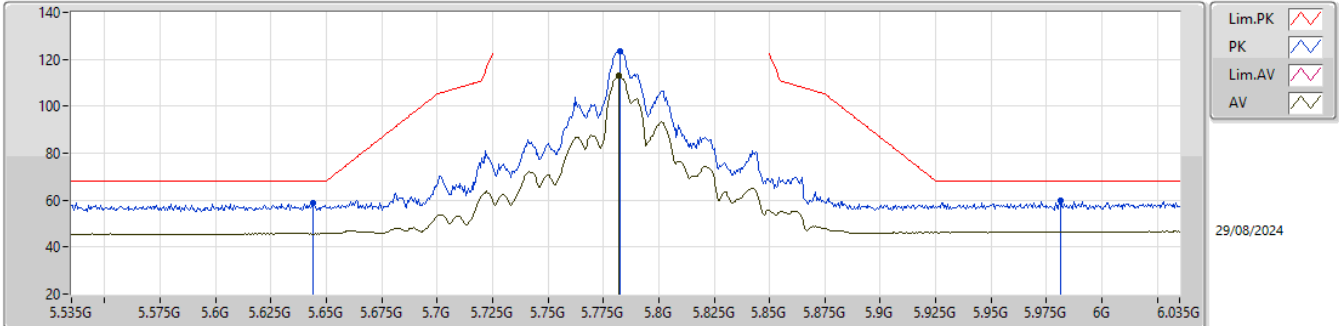


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.635G	62.08	68.20	-6.12	65.39	3	Vertical	340	1.59	-	33.70	6.22	43.23			
PK	5.782G	123.67	Inf	-Inf	126.49	3	Vertical	340	1.59	-	34.13	6.20	43.15			
AV	5.782G	115.78	Inf	-Inf	118.60	3	Vertical	340	1.59	-	34.13	6.20	43.15			
PK	6.018G	60.28	68.20	-7.92	61.90	3	Vertical	340	1.59	-	35.00	6.40	43.02			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

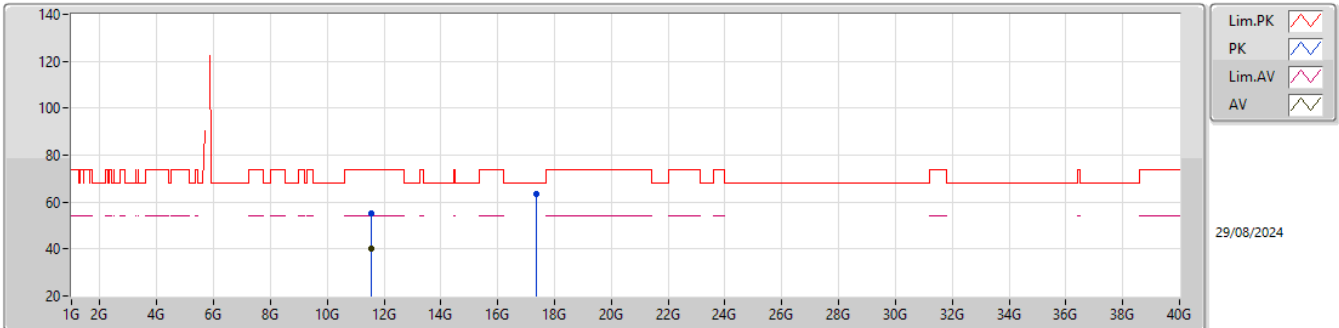


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.644G	58.78	68.20	-9.42	62.09	3	Horizontal	301	1.91	-	33.70	6.22	43.23			
PK	5.7825G	123.24	Inf	-Inf	126.06	3	Horizontal	301	1.91	-	34.13	6.20	43.15			
AV	5.782G	112.87	Inf	-Inf	115.69	3	Horizontal	301	1.91	-	34.13	6.20	43.15			
PK	5.9815G	59.61	68.20	-8.59	61.29	3	Horizontal	301	1.91	-	35.00	6.36	43.04			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

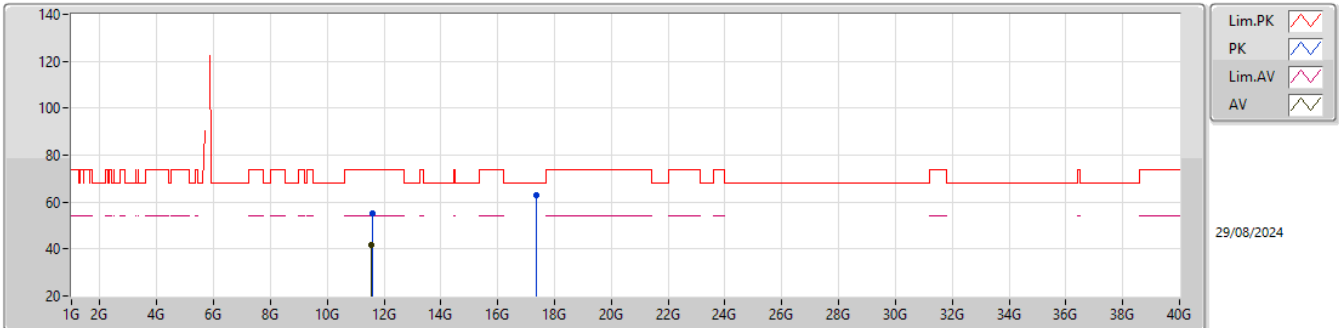


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.57066G	55.15	74.00	-18.85	50.00	3	Vertical	286	1.80	-	38.80	9.51	43.16			
AV	11.56391G	40.25	54.00	-13.75	35.10	3	Vertical	286	1.80	-	38.80	9.51	43.16			
PK	17.35494G	63.36	68.20	-4.84	51.36	3	Vertical	261	2.57	-	41.72	12.54	42.26			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

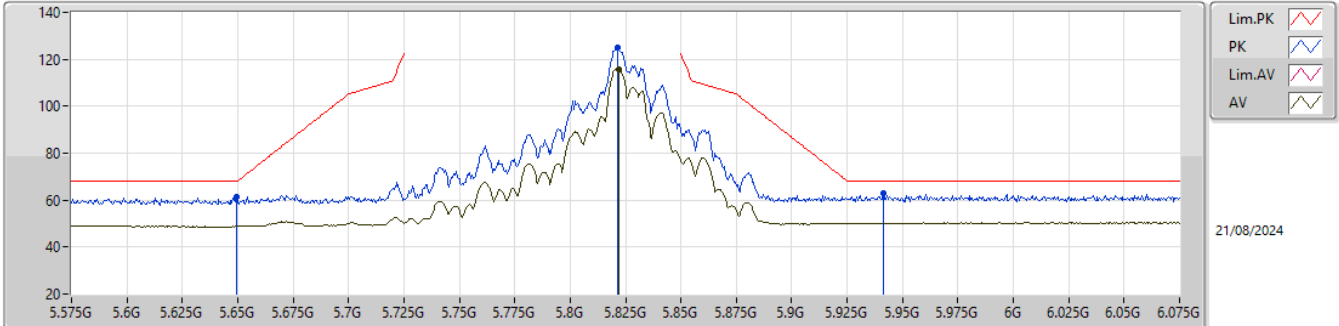


EUT_Y_4TX
Setting 30
04-D-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.57324G	55.15	74.00	-18.85	49.99	3	Horizontal	128	2.03	-	38.80	9.51	43.15			
AV	11.56391G	41.90	54.00	-12.10	36.75	3	Horizontal	128	2.03	-	38.80	9.51	43.16			
PK	17.35662G	62.97	68.20	-5.23	50.96	3	Horizontal	316	1.80	-	41.73	12.54	42.26			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

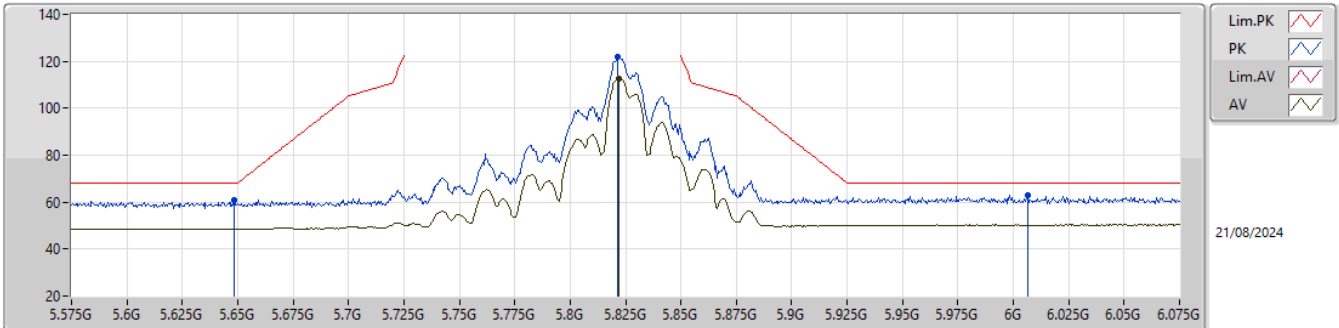


EUT_Y_4TX
Setting 30
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6495G	61.14	68.20	-7.06	64.45	3	Vertical	342	1.53	-	33.70	6.22	43.23			
PK	5.8215G	124.94	Inf	-Inf	127.56	3	Vertical	342	1.53	-	34.29	6.22	43.13			
AV	5.822G	115.90	Inf	-Inf	118.52	3	Vertical	342	1.53	-	34.29	6.22	43.13			
PK	5.9415G	62.72	68.20	-5.48	64.50	3	Vertical	342	1.53	-	34.95	6.33	43.06			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

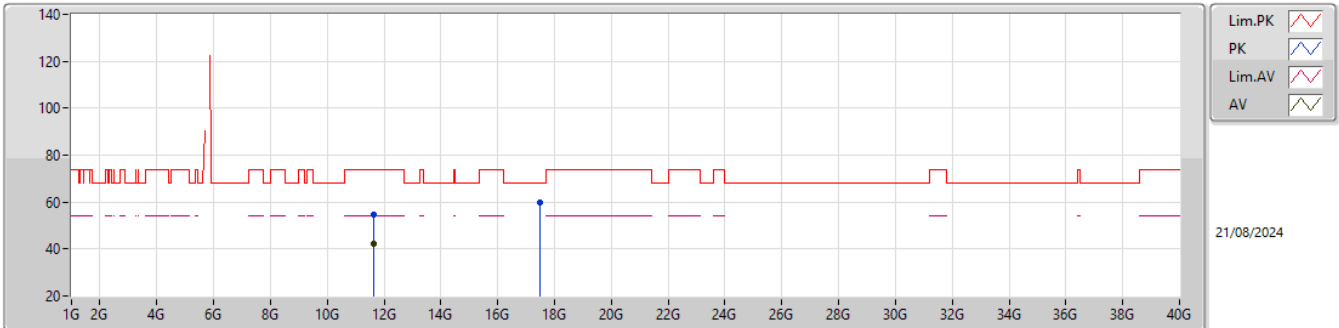


EUT_Y_4TX
Setting 30
04-V-G-5-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6485G	60.71	68.20	-7.49	64.02	3	Horizontal	297	1.80	-	33.70	6.22	43.23			
PK	5.8215G	121.73	Inf	-Inf	124.35	3	Horizontal	297	1.80	-	34.29	6.22	43.13			
AV	5.822G	112.80	Inf	-Inf	115.42	3	Horizontal	297	1.80	-	34.29	6.22	43.13			
PK	6.0065G	63.00	68.20	-5.20	64.64	3	Horizontal	297	1.80	-	35.00	6.39	43.03			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

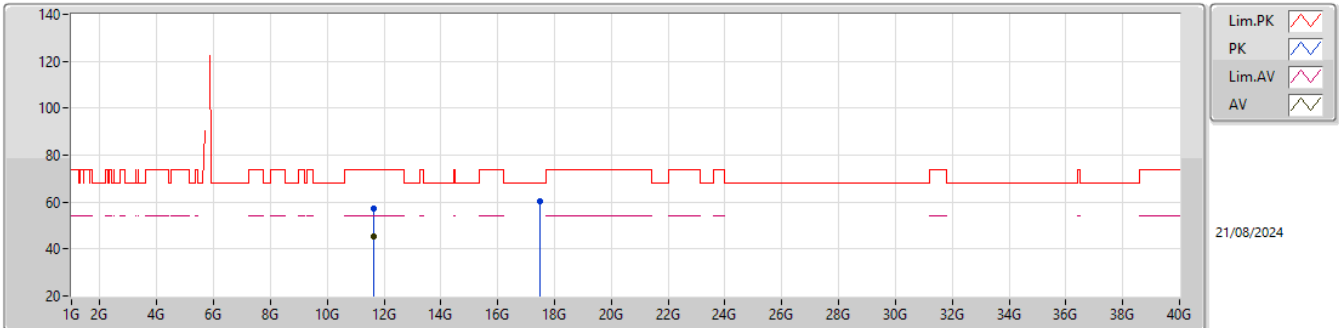


EUT_Y_4TX
Setting 30
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.65044G	54.67	74.00	-19.33	49.43	3	Vertical	233	1.80	-	38.80	9.55	43.11			
AV	11.65166G	42.17	54.00	-11.83	36.93	3	Vertical	233	1.80	-	38.80	9.55	43.11			
PK	17.47586G	60.00	68.20	-8.20	47.66	3	Vertical	77	1.72	-	41.95	12.64	42.25			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

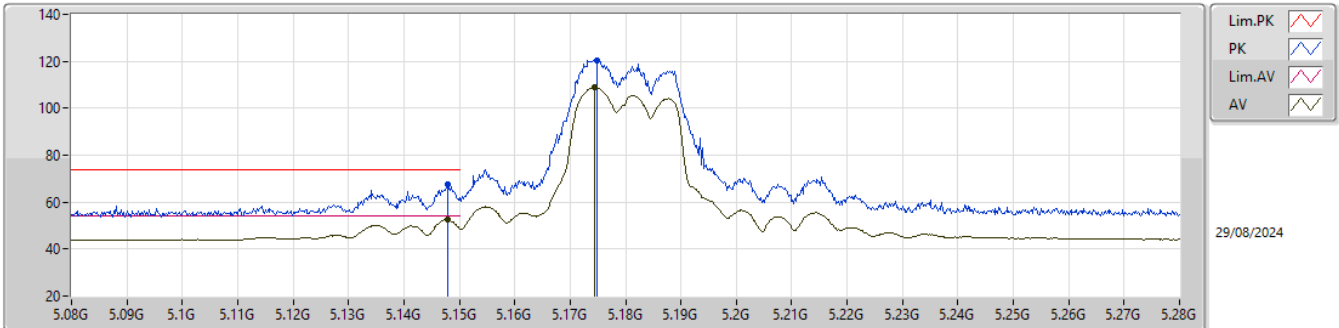


EUT_Y_4TX
Setting 30
04-V-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.65018G	57.10	74.00	-16.90	51.86	3	Horizontal	136	2.68	-	38.80	9.55	43.11			
AV	11.65012G	45.35	54.00	-8.65	40.11	3	Horizontal	136	2.68	-	38.80	9.55	43.11			
PK	17.47434G	60.60	68.20	-7.60	48.26	3	Horizontal	63	2.69	-	41.95	12.64	42.25			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5180MHz_TX

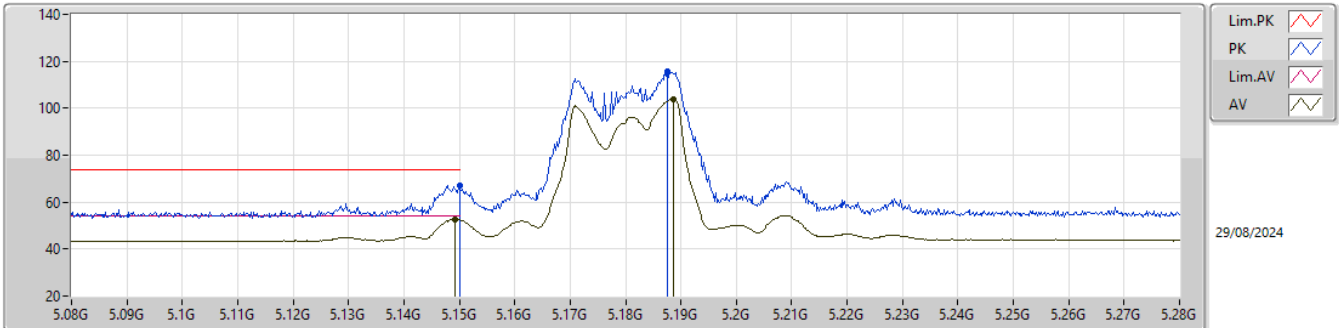


EUT_Y_4TX
Setting 22
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.148G	67.68	74.00	-6.32	72.90	3	Vertical	356	1.94	-	32.60	5.90	43.72			
AV	5.1478G	52.64	54.00	-1.36	57.86	3	Vertical	356	1.94	-	32.60	5.90	43.72			
PK	5.1748G	120.48	Inf	-Inf	125.61	3	Vertical	356	1.94	-	32.65	5.91	43.69			
AV	5.1744G	108.78	Inf	-Inf	113.91	3	Vertical	356	1.94	-	32.65	5.91	43.69			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5180MHz_TX

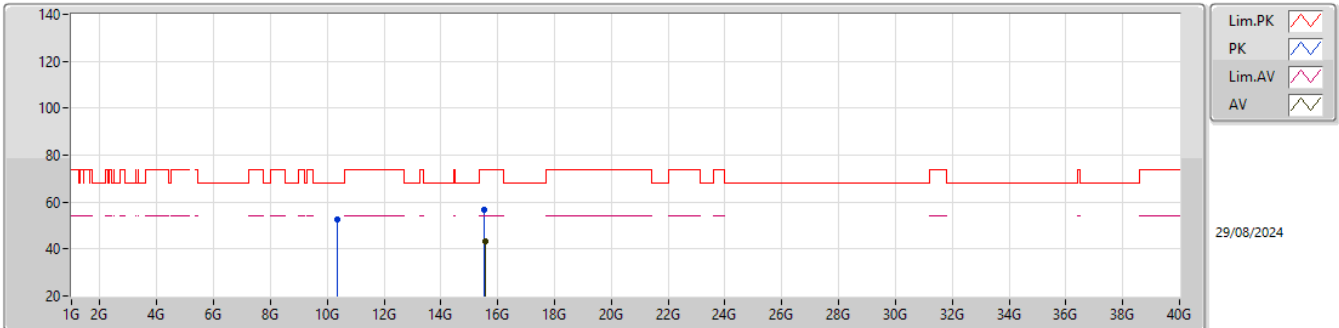


EUT_Y_4TX
Setting 22
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.15G	67.17	74.00	-6.83	72.39	3	Horizontal	291	2.05	-	32.60	5.90	43.72			
AV	5.1492G	52.75	54.00	-1.25	57.97	3	Horizontal	291	2.05	-	32.60	5.90	43.72			
PK	5.1876G	115.86	Inf	-Inf	120.94	3	Horizontal	291	2.05	-	32.68	5.91	43.67			
AV	5.1886G	103.90	Inf	-Inf	108.98	3	Horizontal	291	2.05	-	32.68	5.91	43.67			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5180MHz_TX

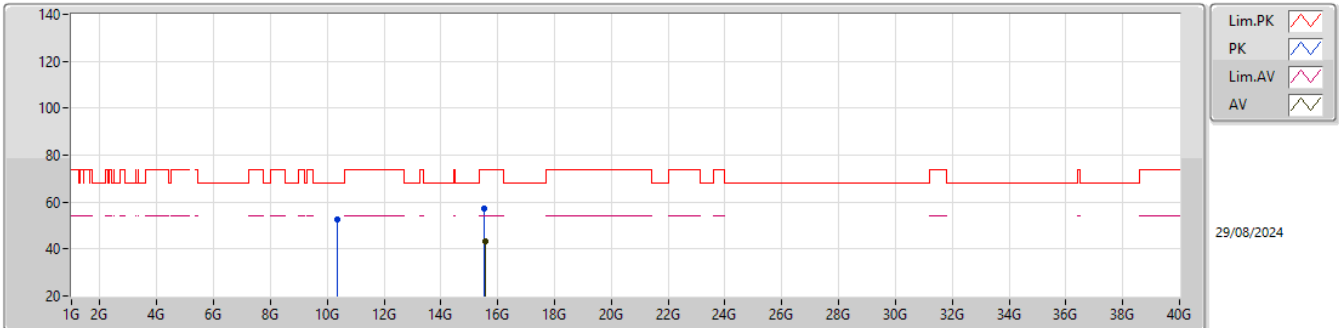


EUT_Y_4TX
Setting 22
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.35084G	52.83	68.20	-15.37	48.15	3	Vertical	352	2.29	-	38.60	8.89	42.81			
PK	15.54208G	56.69	74.00	-17.31	48.57	3	Vertical	140	1.02	-	38.30	11.23	41.41			
AV	15.54832G	43.43	54.00	-10.57	35.32	3	Vertical	140	1.02	-	38.30	11.24	41.43			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5180MHz_TX

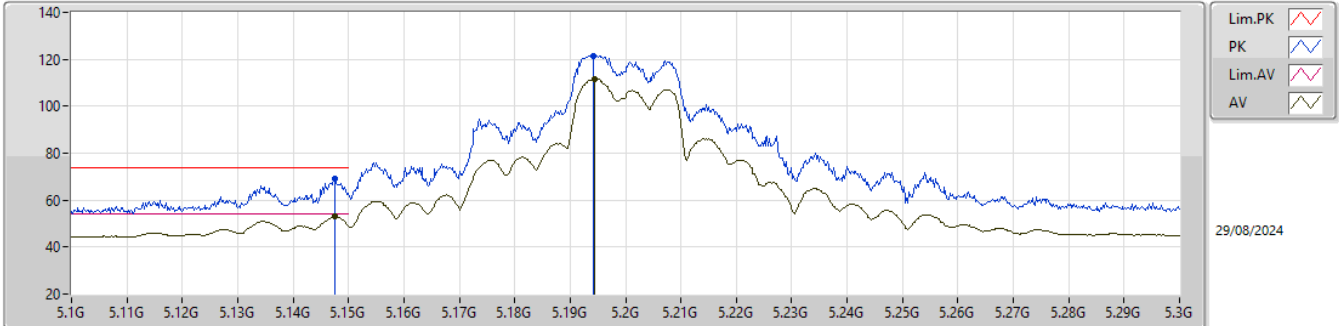


EUT_Y_4TX
Setting 22
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.34584G	52.75	68.20	-15.45	48.09	3	Horizontal	326	2.97	-	38.58	8.89	42.81			
PK	15.52732G	57.09	74.00	-16.91	48.94	3	Horizontal	209	1.02	-	38.30	11.23	41.38			
AV	15.55696G	43.42	54.00	-10.58	35.31	3	Horizontal	209	1.02	-	38.31	11.24	41.44			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX

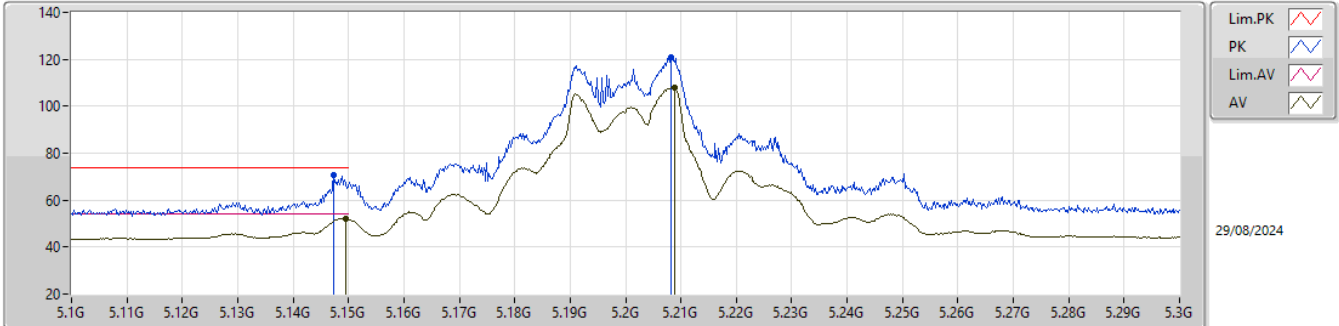


EUT Y_4TX
Setting 25.5
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1476G	69.25	74.00	-4.75	74.47	3	Vertical	354	1.83	-	32.60	5.90	43.72			
AV	5.1476G	52.89	54.00	-1.11	58.11	3	Vertical	354	1.83	-	32.60	5.90	43.72			
PK	5.1942G	121.26	Inf	-Inf	126.31	3	Vertical	354	1.83	-	32.69	5.92	43.66			
AV	5.1944G	111.60	Inf	-Inf	116.65	3	Vertical	354	1.83	-	32.69	5.92	43.66			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX

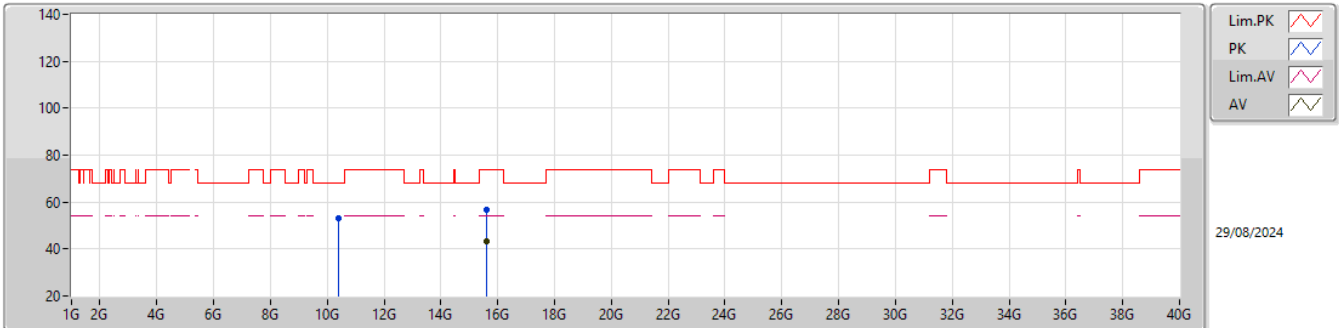


EUT_Y_4TX
Setting 25.5
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1474G	70.87	74.00	-3.13	76.10	3	Horizontal	291	2.04	-	32.59	5.90	43.72			
AV	5.1494G	52.22	54.00	-1.78	57.44	3	Horizontal	291	2.04	-	32.60	5.90	43.72			
PK	5.2082G	120.81	Inf	-Inf	125.83	3	Horizontal	291	2.04	-	32.70	5.93	43.65			
AV	5.2088G	108.13	Inf	-Inf	113.15	3	Horizontal	291	2.04	-	32.70	5.93	43.65			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX

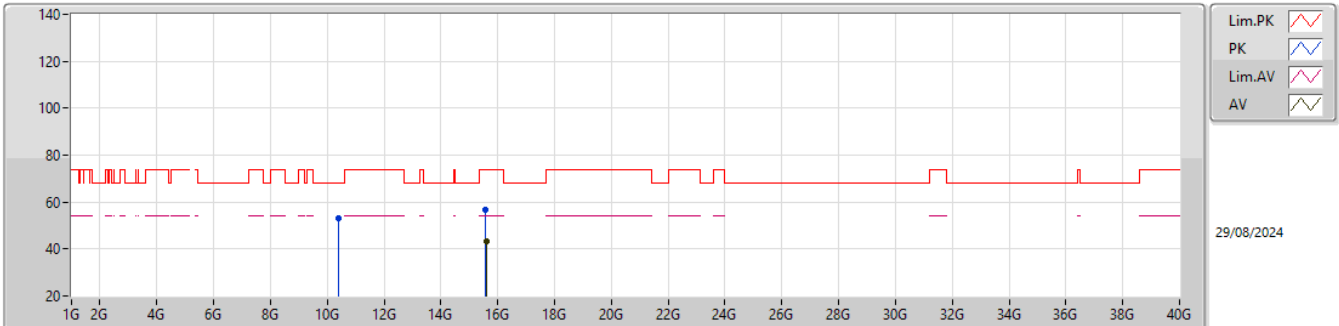


EUT_Y_4TX
Setting 25.5
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.39976G	53.10	68.20	-15.10	48.43	3	Vertical	255	1.05	-	38.60	8.91	42.84			
PK	15.59668G	56.71	74.00	-17.29	48.58	3	Vertical	149	2.77	-	38.39	11.26	41.52			
AV	15.5962G	43.30	54.00	-10.70	35.17	3	Vertical	149	2.77	-	38.39	11.26	41.52			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5200MHz_TX

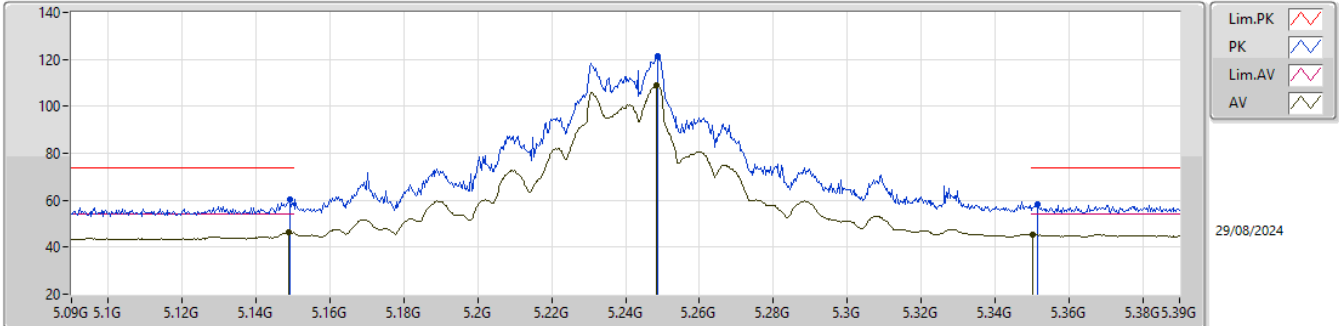


EUT_Y_4TX
Setting 25.5
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.40052G	53.02	68.20	-15.18	48.35	3	Horizontal	108	1.40	-	38.60	8.91	42.84			
PK	15.58276G	56.85	74.00	-17.15	48.72	3	Horizontal	88	1.89	-	38.37	11.25	41.49			
AV	15.59588G	43.28	54.00	-10.72	35.15	3	Horizontal	88	1.89	-	38.39	11.26	41.52			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5240MHz_TX

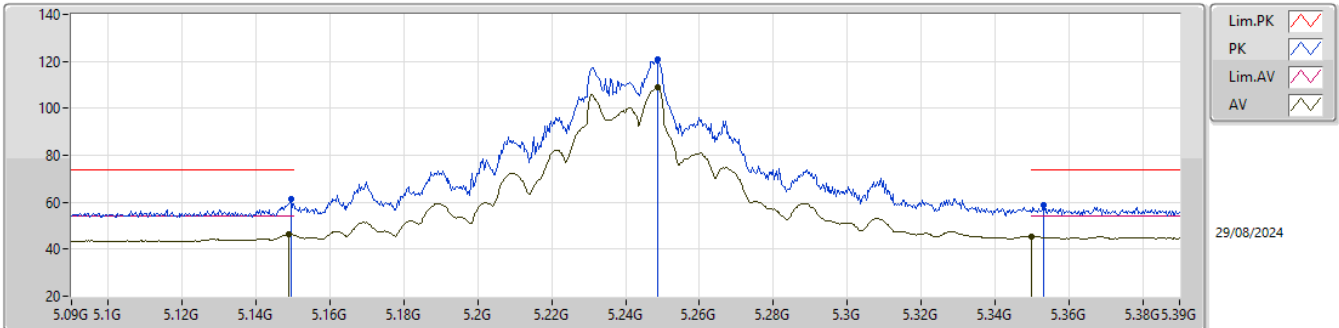


EUT Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1491G	60.10	74.00	-13.90	65.32	3	Vertical	291	2.01	-	32.60	5.90	43.72			
AV	5.1488G	46.38	54.00	-7.62	51.60	3	Vertical	291	2.01	-	32.60	5.90	43.72			
PK	5.2487G	121.23	Inf	-Inf	126.16	3	Vertical	291	2.01	-	32.70	5.97	43.60			
AV	5.2484G	108.77	Inf	-Inf	113.70	3	Vertical	291	2.01	-	32.70	5.97	43.60			
PK	5.3516G	58.47	74.00	-15.53	62.97	3	Vertical	291	2.01	-	32.91	6.07	43.48			
AV	5.3504G	45.40	54.00	-8.60	49.91	3	Vertical	291	2.01	-	32.90	6.07	43.48			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5240MHz_TX

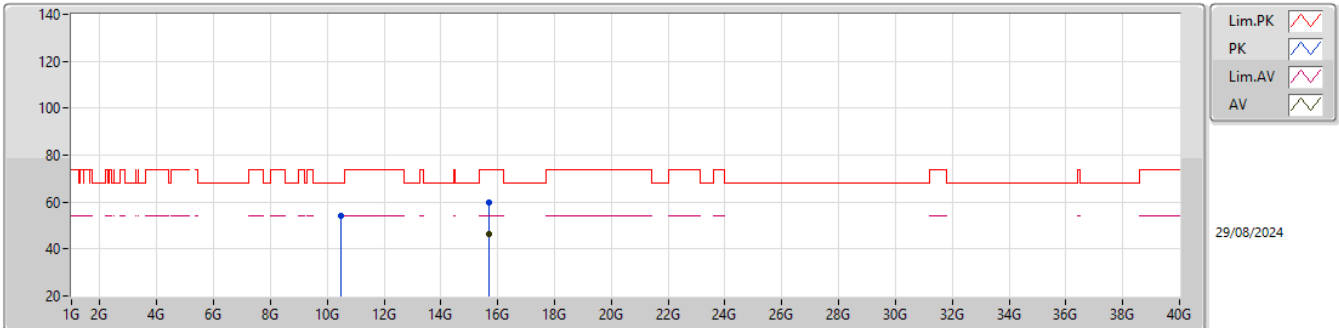


EUT Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1494G	61.21	74.00	-12.79	66.43	3	Horizontal	291	2.00	-	32.60	5.90	43.72			
AV	5.1488G	46.18	54.00	-7.82	51.40	3	Horizontal	291	2.00	-	32.60	5.90	43.72			
PK	5.2487G	120.82	Inf	-Inf	125.75	3	Horizontal	291	2.00	-	32.70	5.97	43.60			
AV	5.2487G	108.88	Inf	-Inf	113.81	3	Horizontal	291	2.00	-	32.70	5.97	43.60			
PK	5.3531G	58.60	74.00	-15.40	63.10	3	Horizontal	291	2.00	-	32.91	6.07	43.48			
AV	5.35G	45.38	54.00	-8.62	49.89	3	Horizontal	291	2.00	-	32.90	6.07	43.48			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5240MHz_TX

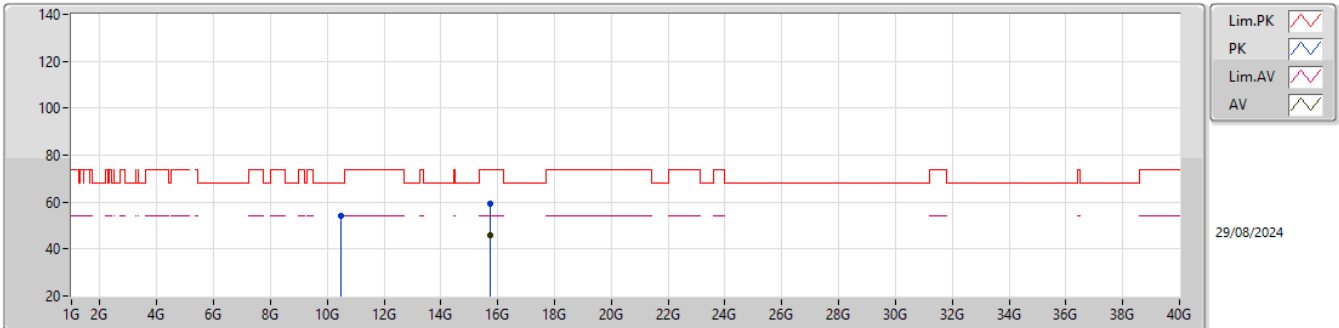


EUT_Y_4TX
Setting 30
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.46564G	54.39	68.20	-13.81	49.67	3	Vertical	33	1.80	-	38.63	8.95	42.86			
PK	15.71428G	59.84	74.00	-14.16	52.39	3	Vertical	301	2.07	-	37.89	11.31	41.75			
AV	15.71448G	46.37	54.00	-7.63	38.92	3	Vertical	301	2.07	-	37.89	11.31	41.75			

5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5240MHz_TX

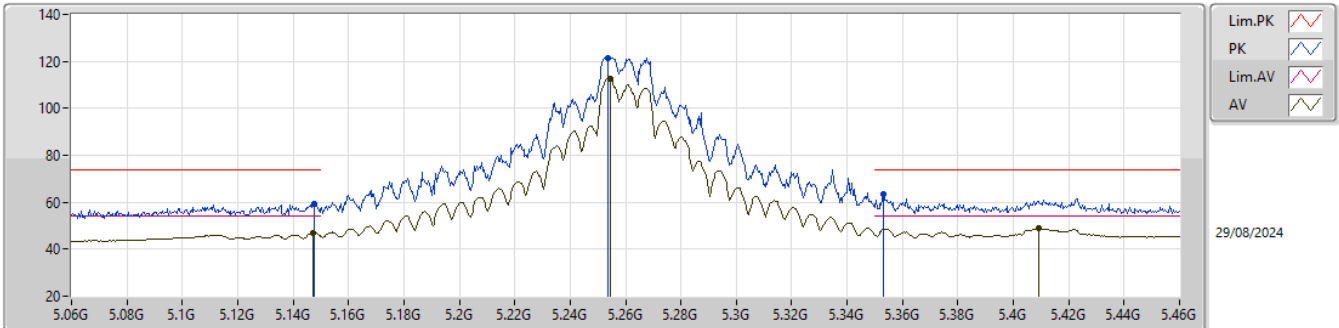


EUT_Y_4TX
Setting 30
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.49216G	53.98	68.20	-14.22	49.22	3	Horizontal	58	1.80	-	38.68	8.96	42.88			
PK	15.71855G	59.23	74.00	-14.77	51.76	3	Horizontal	212	2.53	-	37.91	11.32	41.76			
AV	15.7177G	45.99	54.00	-8.01	38.52	3	Horizontal	212	2.53	-	37.91	11.32	41.76			

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

5260MHz_TX

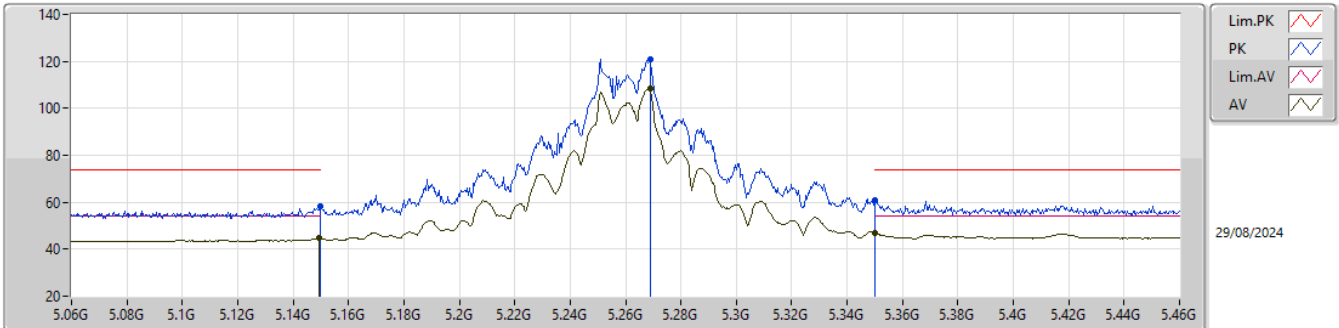


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1476G	59.32	74.00	-14.68	64.54	3	Vertical	1	1.79	-	32.60	5.90	43.72			
AV	5.1472G	47.11	54.00	-6.89	52.34	3	Vertical	1	1.79	-	32.59	5.90	43.72			
PK	5.2536G	121.52	Inf	-Inf	126.44	3	Vertical	1	1.79	-	32.71	5.97	43.60			
AV	5.2544G	112.50	Inf	-Inf	117.41	3	Vertical	1	1.79	-	32.71	5.97	43.59			
PK	5.3532G	63.55	74.00	-10.45	68.05	3	Vertical	1	1.79	-	32.91	6.07	43.48			
AV	5.4092G	48.79	54.00	-5.21	52.95	3	Vertical	1	1.79	-	33.14	6.12	43.42			

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

5260MHz_TX

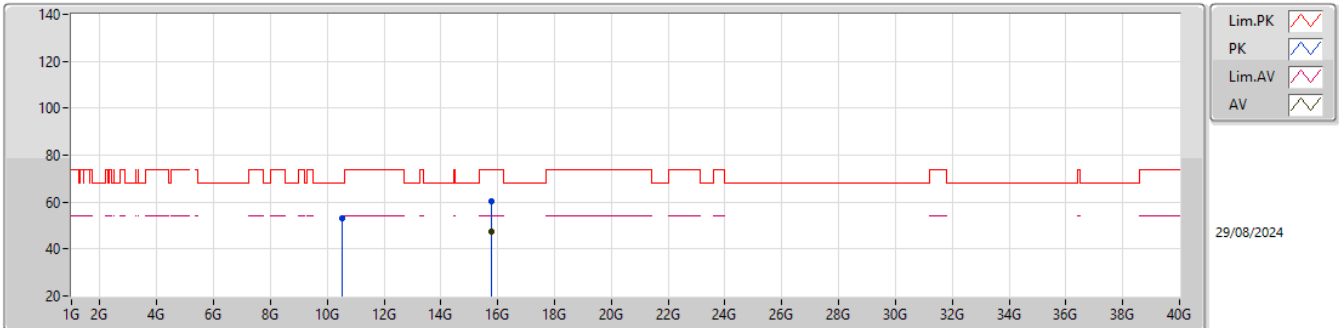


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.15G	58.03	74.00	-15.97	63.25	3	Horizontal	289	2.10	-	32.60	5.90	43.72			
AV	5.1492G	44.80	54.00	-9.20	50.02	3	Horizontal	289	2.10	-	32.60	5.90	43.72			
PK	5.2688G	120.88	Inf	-Inf	125.73	3	Horizontal	289	2.10	-	32.74	5.99	43.58			
AV	5.2688G	108.69	Inf	-Inf	113.54	3	Horizontal	289	2.10	-	32.74	5.99	43.58			
PK	5.35G	60.78	74.00	-13.22	65.29	3	Horizontal	289	2.10	-	32.90	6.07	43.48			
AV	5.35G	47.06	54.00	-6.94	51.57	3	Horizontal	289	2.10	-	32.90	6.07	43.48			

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

5260MHz_TX

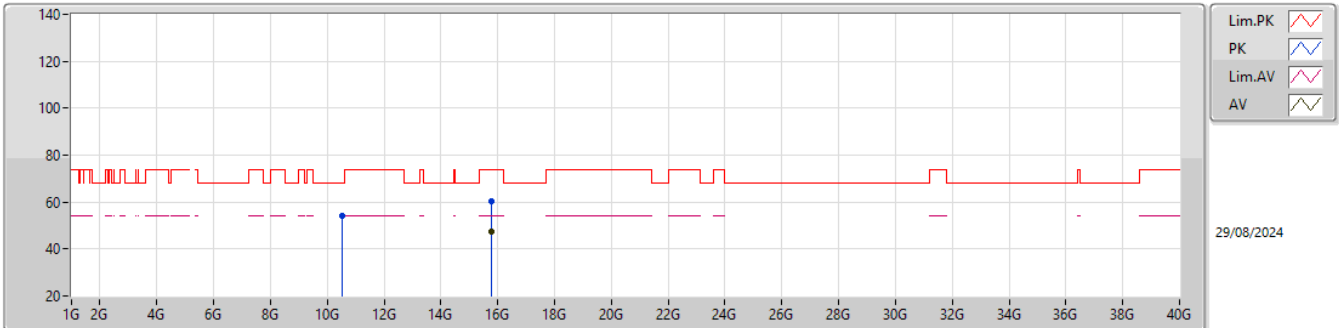


EUT_Y_4TX
Setting 30
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.5302G	53.27	68.20	-14.93	48.37	3	Vertical	345	2.74	-	38.76	8.98	42.84			
PK	15.77725G	60.22	74.00	-13.78	52.61	3	Vertical	213	2.53	-	38.15	11.34	41.88			
AV	15.7775G	47.35	54.00	-6.65	39.73	3	Vertical	213	2.53	-	38.16	11.34	41.88			

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

5260MHz_TX

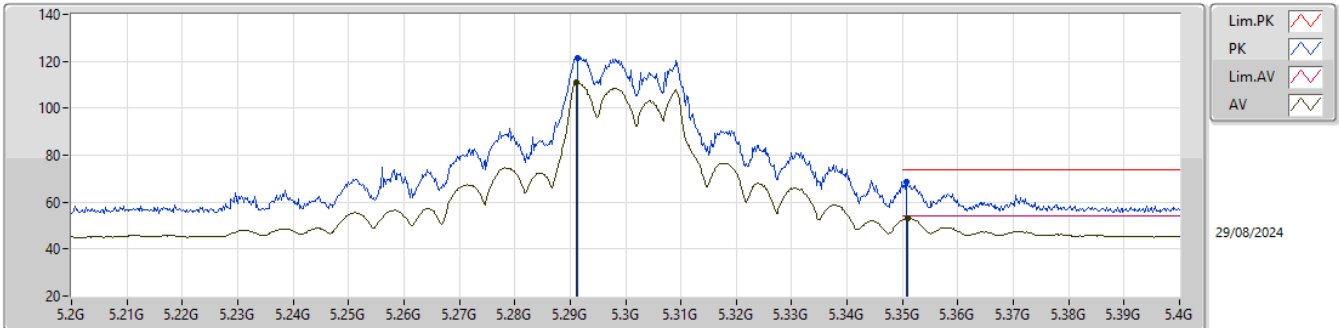


EUT_Y_4TX
Setting 30
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.5269G	53.93	68.20	-14.27	49.04	3	Horizontal	175	1.15	-	38.75	8.98	42.84			
PK	15.7773G	60.57	74.00	-13.43	52.96	3	Horizontal	213	2.35	-	38.15	11.34	41.88			
AV	15.7777G	47.35	54.00	-6.65	39.73	3	Horizontal	213	2.35	-	38.16	11.34	41.88			

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

5300MHz_TX

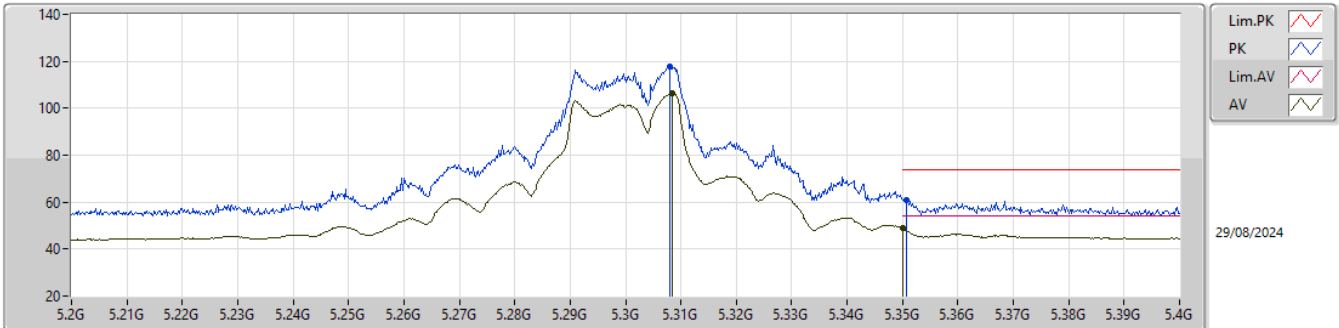


EUT_Y_4TX
Setting 24.5
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.2914G	121.36	Inf	-Inf	126.12	3	Vertical	331	2.05	-	32.78	6.01	43.55			
AV	5.2912G	110.85	Inf	-Inf	115.61	3	Vertical	331	2.05	-	32.78	6.01	43.55			
PK	5.3508G	68.44	74.00	-5.56	72.95	3	Vertical	331	2.05	-	32.90	6.07	43.48			
AV	5.351G	53.27	54.00	-0.73	57.78	3	Vertical	331	2.05	-	32.90	6.07	43.48			

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

5300MHz_TX

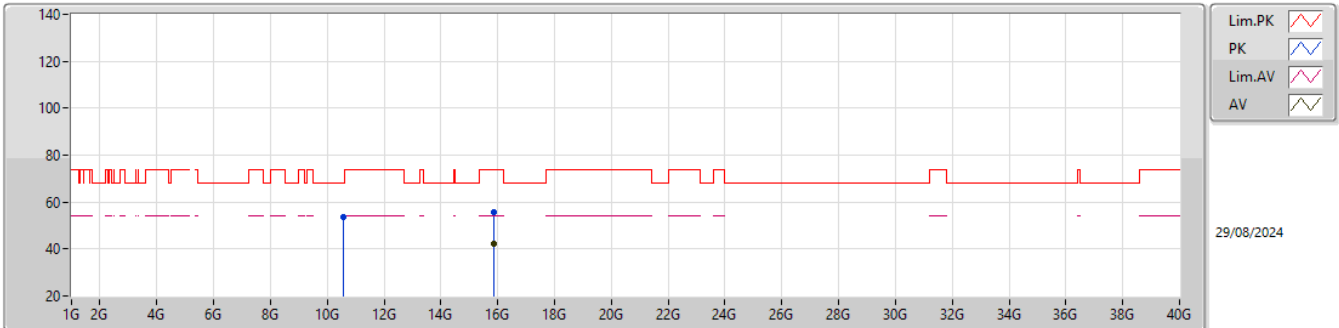


EUT_Y_4TX
Setting 24.5
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.308G	117.66	Inf	-Inf	122.34	3	Horizontal	292	2.17	-	32.82	6.03	43.53			
AV	5.3084G	106.31	Inf	-Inf	110.99	3	Horizontal	292	2.17	-	32.82	6.03	43.53			
PK	5.3508G	61.07	74.00	-12.93	65.58	3	Horizontal	292	2.17	-	32.90	6.07	43.48			
AV	5.35G	48.74	54.00	-5.26	53.25	3	Horizontal	292	2.17	-	32.90	6.07	43.48			

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

5300MHz_TX

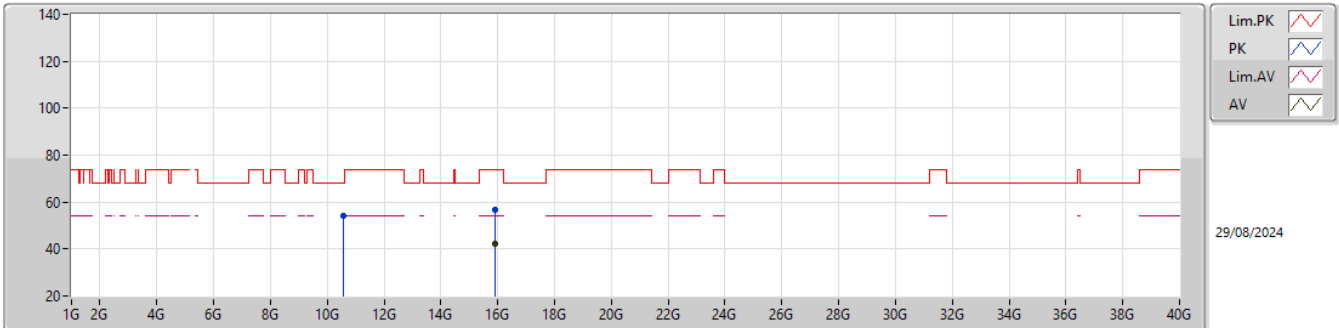


EUT_Y_4TX
Setting 24.5
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.5836G	53.66	68.20	-14.54	48.55	3	Vertical	43	2.50	-	38.87	9.01	42.77			
PK	15.88285G	55.53	74.00	-18.47	48.06	3	Vertical	130	2.97	-	38.17	11.39	42.09			
AV	15.88375G	42.25	54.00	-11.75	34.78	3	Vertical	130	2.97	-	38.17	11.39	42.09			

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

5300MHz_TX

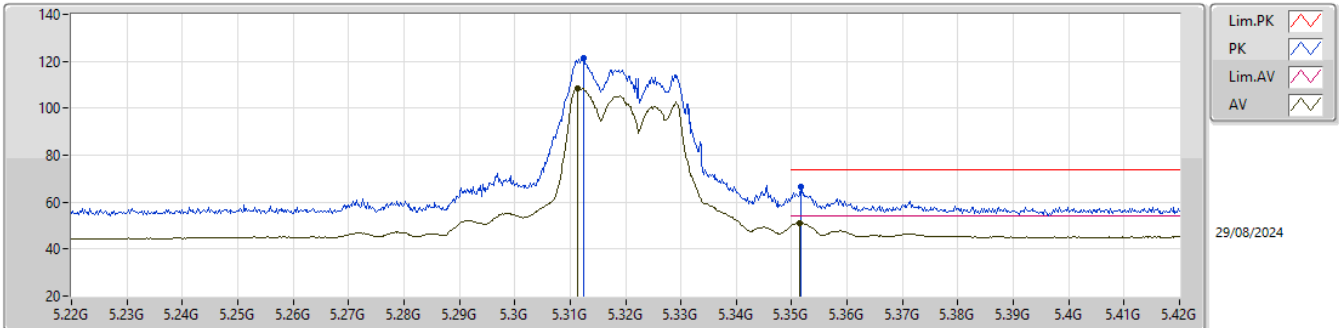


EUT_Y_4TX
Setting 24.5
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.584G	54.18	68.20	-14.02	49.07	3	Horizontal	78	1.42	-	38.87	9.01	42.77			
PK	15.9014G	56.57	74.00	-17.43	49.08	3	Horizontal	211	1.05	-	38.21	11.40	42.12			
AV	15.89535G	42.22	54.00	-11.78	34.74	3	Horizontal	211	1.05	-	38.19	11.40	42.11			

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

5320MHz_TX

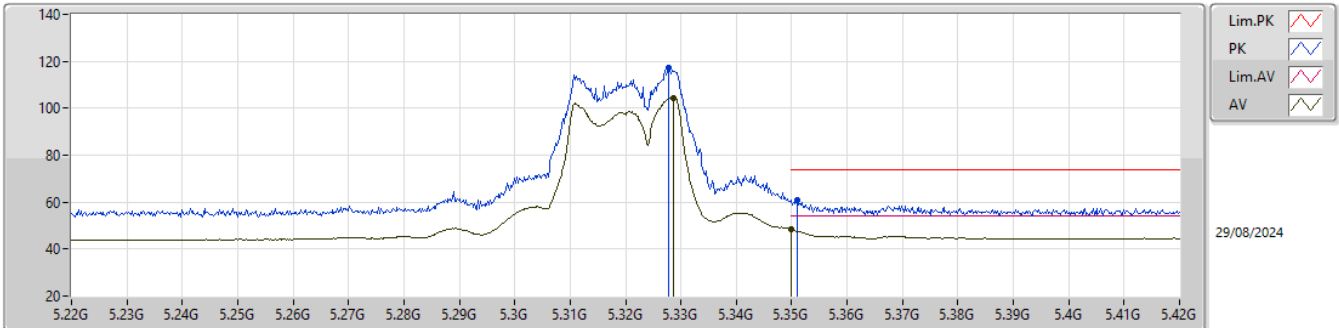


EUT_Y_4TX
Setting 21.5
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.3124G	121.18	Inf	-Inf	125.86	3	Vertical	327	2.02	-	32.82	6.03	43.53			
AV	5.3114G	108.66	Inf	-Inf	113.34	3	Vertical	327	2.02	-	32.82	6.03	43.53			
PK	5.3516G	66.81	74.00	-7.19	71.31	3	Vertical	327	2.02	-	32.91	6.07	43.48			
AV	5.3514G	51.19	54.00	-2.81	55.69	3	Vertical	327	2.02	-	32.91	6.07	43.48			

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

5320MHz_TX

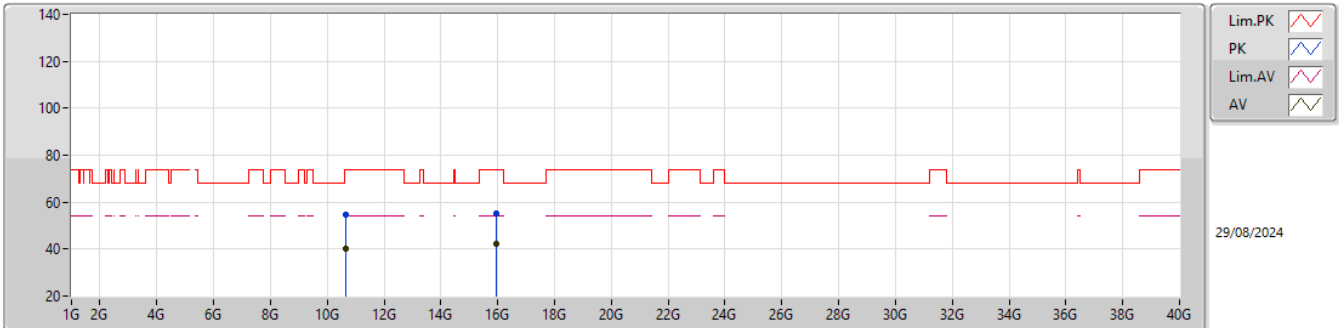


EUT_Y_4TX
Setting 21.5
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.3278G	117.16	Inf	-Inf	121.76	3	Horizontal	290	2.10	-	32.86	6.05	43.51			
AV	5.3286G	104.39	Inf	-Inf	108.99	3	Horizontal	290	2.10	-	32.86	6.05	43.51			
PK	5.351G	60.98	74.00	-13.02	65.49	3	Horizontal	290	2.10	-	32.90	6.07	43.48			
AV	5.35G	48.65	54.00	-5.35	53.16	3	Horizontal	290	2.10	-	32.90	6.07	43.48			

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

5320MHz_TX

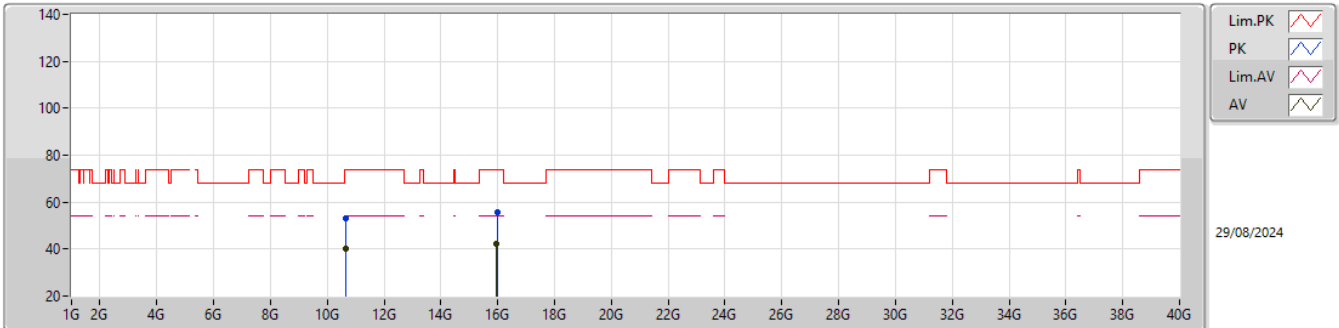


EUT_Y_4TX
Setting 21.5
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.6368G	54.57	74.00	-19.43	49.34	3	Vertical	117	3.00	-	38.90	9.03	42.70			
AV	10.63965G	40.31	54.00	-13.69	35.07	3	Vertical	117	3.00	-	38.90	9.04	42.70			
PK	15.96575G	55.17	74.00	-18.83	47.59	3	Vertical	222	1.91	-	38.40	11.43	42.25			
AV	15.96985G	42.17	54.00	-11.83	34.59	3	Vertical	222	1.91	-	38.40	11.44	42.26			

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

5320MHz_TX

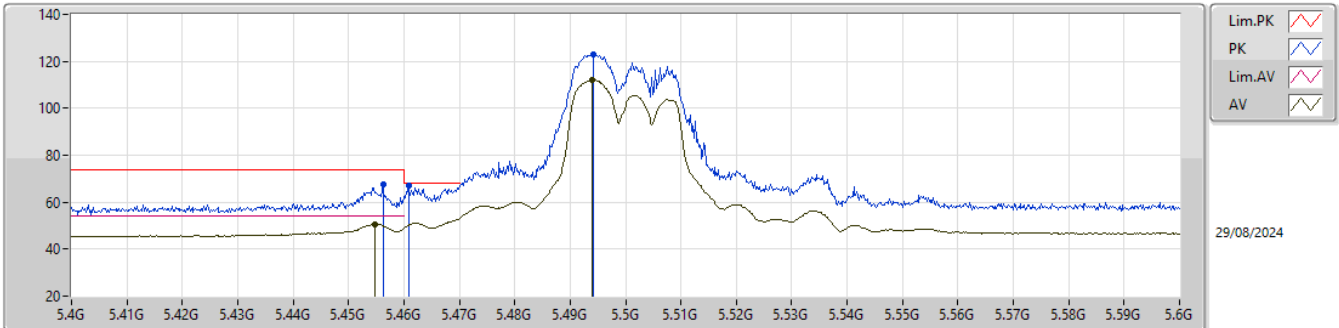


EUT_Y_4TX
Setting 21.5
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.65715G	53.30	74.00	-20.70	48.02	3	Horizontal	349	1.69	-	38.90	9.05	42.67			
AV	10.63615G	40.31	54.00	-13.69	35.08	3	Horizontal	349	1.69	-	38.90	9.03	42.70			
PK	15.9757G	55.59	74.00	-18.41	48.02	3	Horizontal	324	1.02	-	38.40	11.44	42.27			
AV	15.9643G	42.17	54.00	-11.83	34.59	3	Horizontal	324	1.02	-	38.40	11.43	42.25			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5500MHz_TX

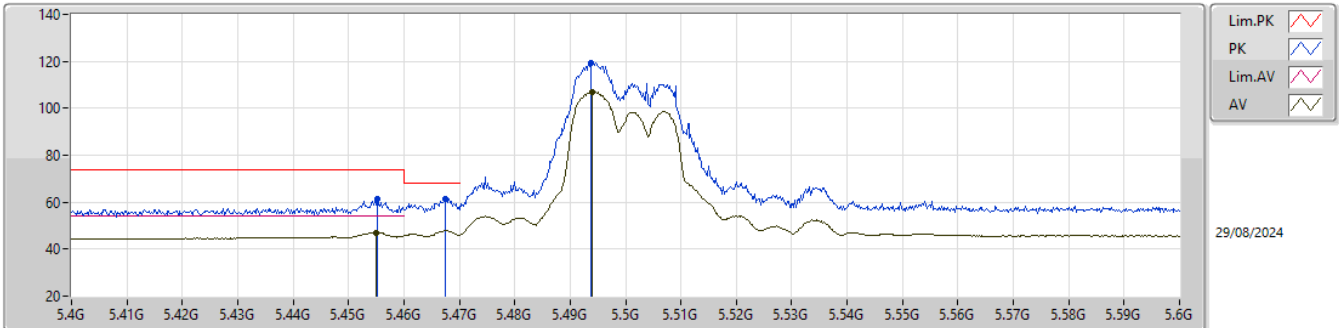


EUT_Y_4TX
Setting 23.5
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4562G	67.43	74.00	-6.57	71.30	3	Vertical	108	2.78	-	33.34	6.15	43.36			
AV	5.4548G	50.53	54.00	-3.47	54.41	3	Vertical	108	2.78	-	33.33	6.15	43.36			
PK	5.4608G	66.85	68.20	-1.35	70.70	3	Vertical	108	2.78	-	33.36	6.15	43.36			
PK	5.4942G	122.68	Inf	-Inf	126.26	3	Vertical	108	2.78	-	33.57	6.17	43.32			
AV	5.494G	112.09	Inf	-Inf	115.68	3	Vertical	108	2.78	-	33.56	6.17	43.32			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5500MHz_TX

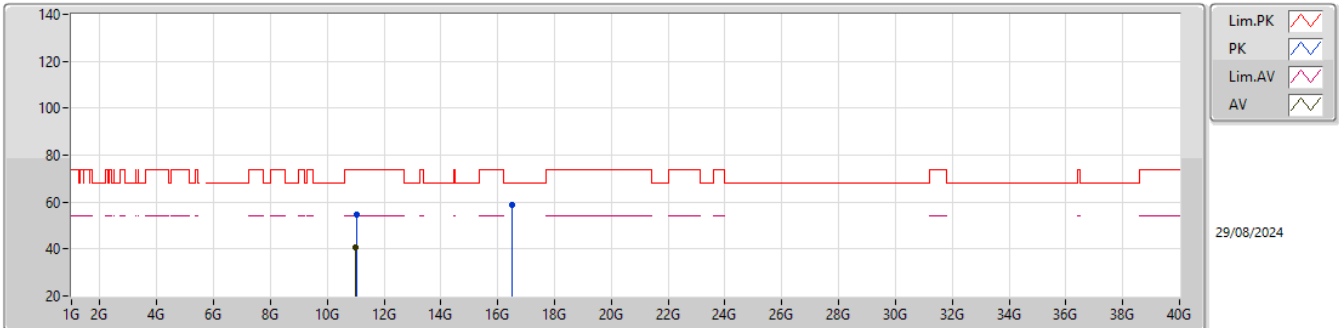


EUT_Y_4TX
Setting 23.5
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4552G	61.62	74.00	-12.38	65.50	3	Horizontal	322	1.98	-	33.33	6.15	43.36			
AV	5.455G	47.06	54.00	-6.94	50.94	3	Horizontal	322	1.98	-	33.33	6.15	43.36			
PK	5.4674G	61.23	68.20	-6.97	65.03	3	Horizontal	322	1.98	-	33.40	6.15	43.35			
PK	5.4938G	119.52	Inf	-Inf	123.11	3	Horizontal	322	1.98	-	33.56	6.17	43.32			
AV	5.494G	107.09	Inf	-Inf	110.68	3	Horizontal	322	1.98	-	33.56	6.17	43.32			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5500MHz_TX

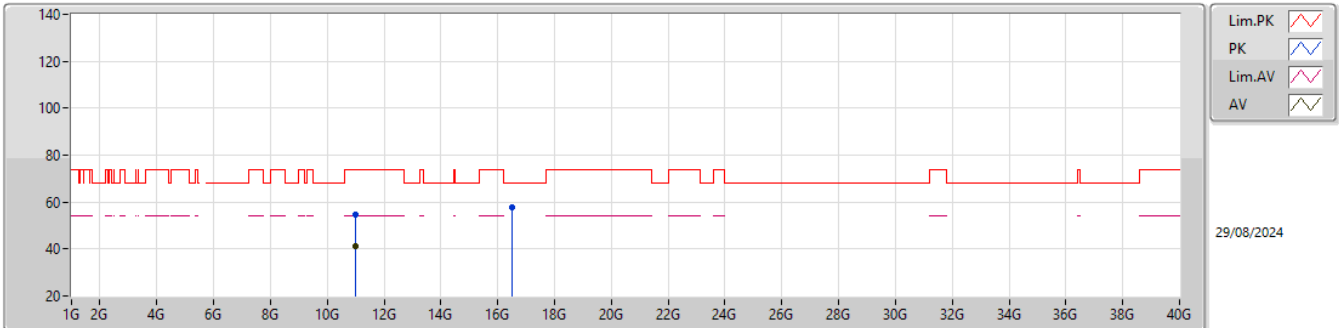


EUT_Y_4TX
Setting 23.5
04-D-P-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	11.0205G	54.52	74.00	-19.48	48.69	3	Vertical	12	1.08	-	38.86	9.23	42.26			
AV	11.00265G	40.89	54.00	-13.11	35.01	3	Vertical	12	1.08	-	38.89	9.22	42.23			
PK	16.52305G	58.89	68.20	-9.31	48.98	3	Vertical	149	2.01	-	39.35	11.87	41.31			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5500MHz_TX

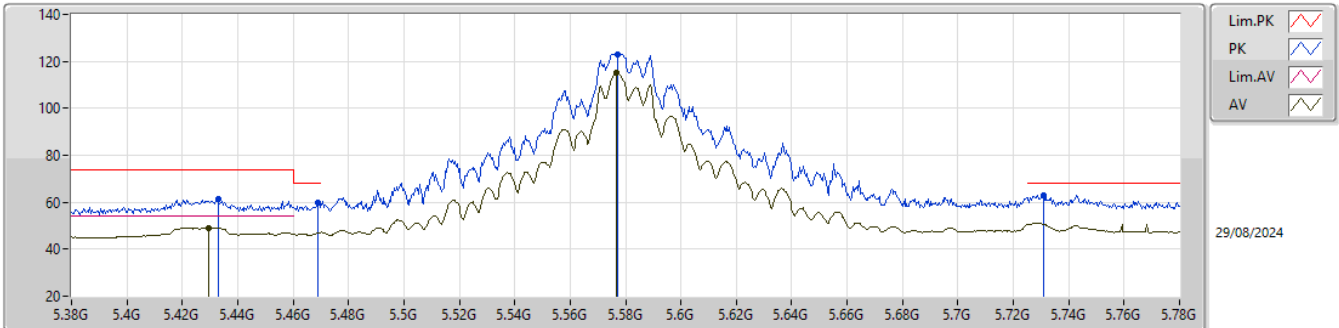


EUT_Y_4TX
Setting 23.5
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.99215G	54.89	74.00	-19.11	48.98	3	Horizontal	231	2.01	-	38.92	9.22	42.23			
AV	11.01245G	41.16	54.00	-12.84	35.29	3	Horizontal	231	2.01	-	38.88	9.23	42.24			
PK	16.50585G	57.54	68.20	-10.66	47.64	3	Horizontal	354	2.72	-	39.31	11.86	41.27			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5580MHz_TX

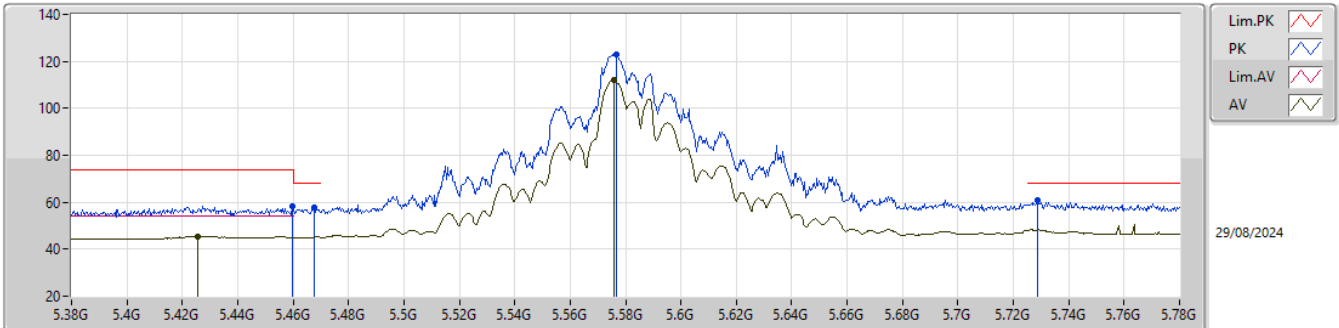


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4328G	61.25	74.00	-12.75	65.27	3	Vertical	339	1.88	-	33.23	6.14	43.39			
AV	5.4296G	49.04	54.00	-4.96	53.08	3	Vertical	339	1.88	-	33.22	6.13	43.39			
PK	5.4688G	59.57	68.20	-8.63	63.36	3	Vertical	339	1.88	-	33.41	6.15	43.35			
PK	5.5772G	123.13	Inf	-Inf	126.49	3	Vertical	339	1.88	-	33.70	6.21	43.27			
AV	5.5768G	114.98	Inf	-Inf	118.34	3	Vertical	339	1.88	-	33.70	6.21	43.27			
PK	5.7308G	62.97	68.20	-5.23	66.02	3	Vertical	339	1.88	-	33.92	6.21	43.18			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5580MHz_TX

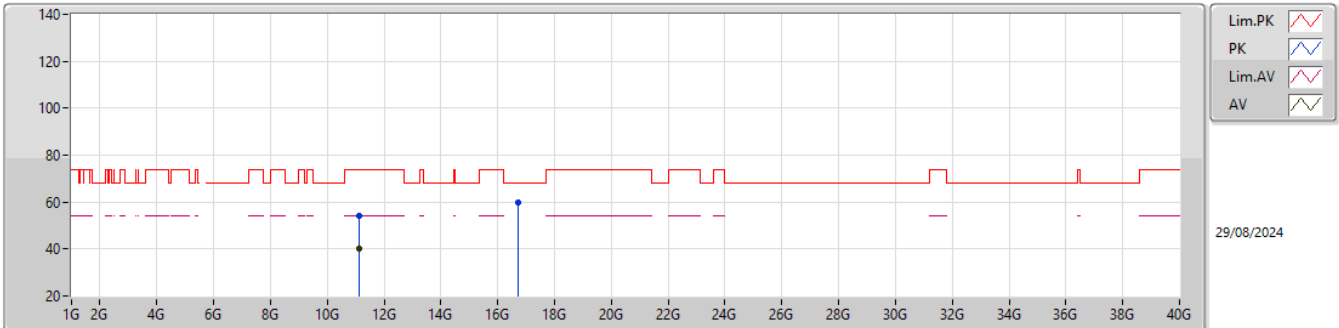


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4596G	58.12	74.00	-15.88	61.97	3	Horizontal	314	2.04	-	33.36	6.15	43.36			
AV	5.4256G	45.39	54.00	-8.61	49.46	3	Horizontal	314	2.04	-	33.20	6.13	43.40			
PK	5.4676G	57.61	68.20	-10.59	61.40	3	Horizontal	314	2.04	-	33.41	6.15	43.35			
PK	5.5768G	122.87	Inf	-Inf	126.23	3	Horizontal	314	2.04	-	33.70	6.21	43.27			
AV	5.576G	112.12	Inf	-Inf	115.48	3	Horizontal	314	2.04	-	33.70	6.21	43.27			
PK	5.7288G	60.64	68.20	-7.56	63.69	3	Horizontal	314	2.04	-	33.92	6.21	43.18			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5580MHz_TX

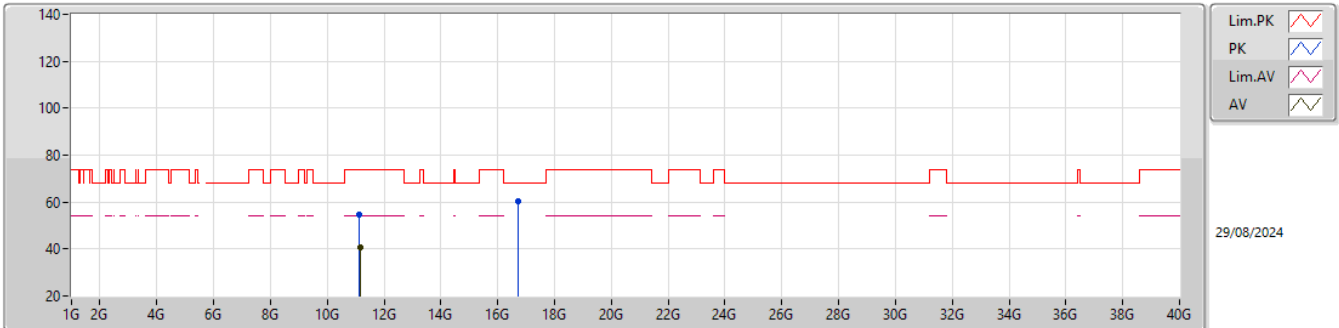


EUT_Y_4TX
Setting 30
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.1412G	53.92	74.00	-20.08	48.49	3	Vertical	314	2.16	-	38.64	9.29	42.50			
AV	11.1352G	40.34	54.00	-13.66	34.87	3	Vertical	314	2.16	-	38.66	9.29	42.48			
PK	16.73535G	59.96	68.20	-8.24	49.92	3	Vertical	224	1.75	-	39.74	12.04	41.74			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

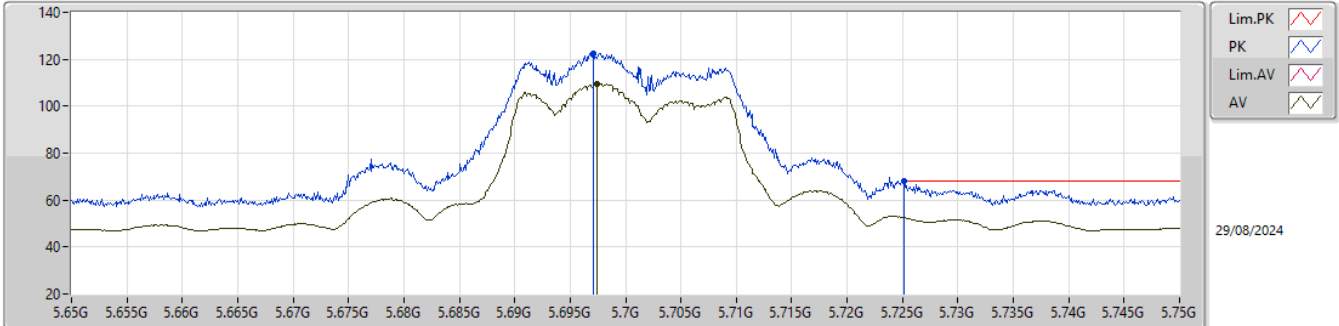
5580MHz_TX

EUT_Y_4TX
Setting 30
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.135G	54.74	74.00	-19.26	49.27	3	Horizontal	121	1.80	-	38.66	9.29	42.48			
AV	11.1494G	40.92	54.00	-13.08	35.53	3	Horizontal	121	1.80	-	38.60	9.30	42.51			
PK	16.73135G	60.16	68.20	-8.04	50.13	3	Horizontal	313	2.71	-	39.73	12.04	41.74			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5700MHz_TX

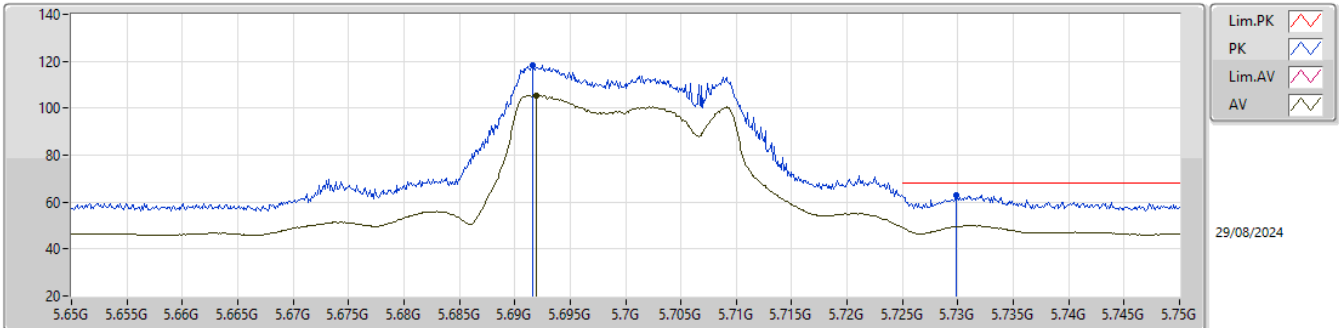


EUT_Y_4TX
Setting 22
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6971G	122.64	Inf	-Inf	125.84	3	Vertical	335	1.90	-	33.79	6.21	43.20			
AV	5.6974G	109.38	Inf	-Inf	112.58	3	Vertical	335	1.90	-	33.79	6.21	43.20			
PK	5.7251G	68.00	68.20	-0.20	71.07	3	Vertical	335	1.90	-	33.90	6.21	43.18			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5700MHz_TX

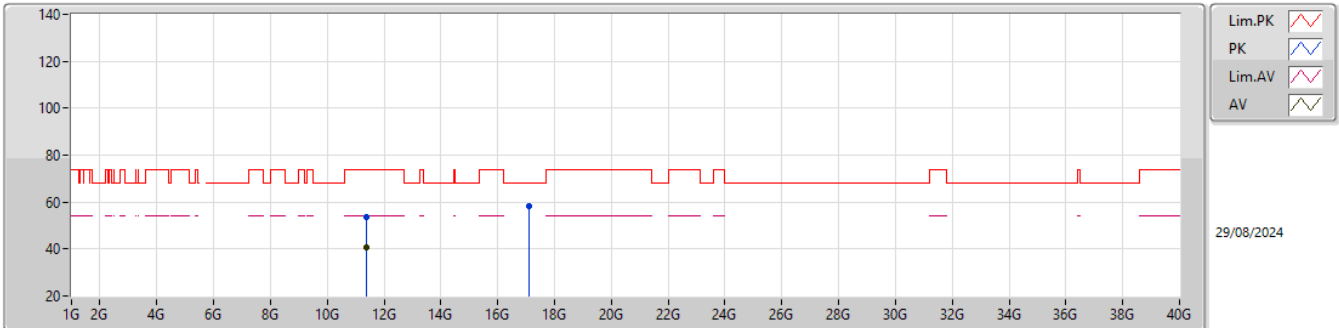


EUT_Y_4TX
Setting 22
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6916G	118.43	Inf	-Inf	121.64	3	Horizontal	280	2.01	-	33.78	6.21	43.20			
AV	5.6919G	105.50	Inf	-Inf	108.71	3	Horizontal	280	2.01	-	33.78	6.21	43.20			
PK	5.7298G	62.88	68.20	-5.32	65.93	3	Horizontal	280	2.01	-	33.92	6.21	43.18			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5700MHz_TX

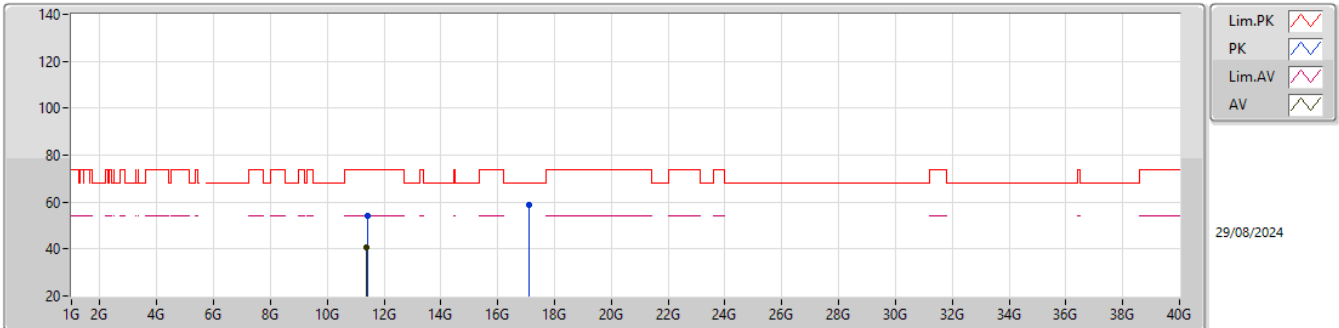


EUT_Y_4TX
Setting 22
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.4002G	53.48	74.00	-20.52	48.26	3	Vertical	160	1.66	-	38.80	9.42	43.00			
AV	11.3777G	40.55	54.00	-13.45	35.30	3	Vertical	160	1.66	-	38.80	9.41	42.96			
PK	17.0868G	58.26	68.20	-9.94	47.30	3	Vertical	33	1.32	-	40.92	12.32	42.28			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

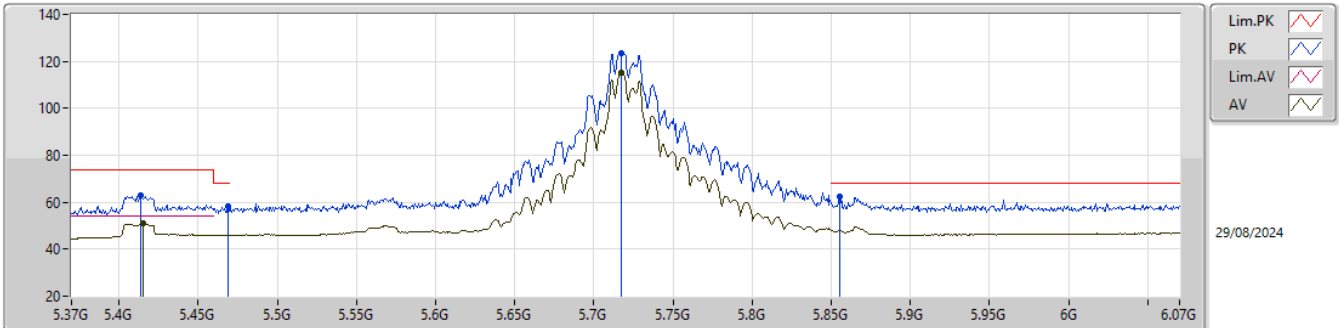
5700MHz_TX

EUT_Y_4TX
Setting 22
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.4122G	54.06	74.00	-19.94	48.86	3	Horizontal	79	2.54	-	38.80	9.43	43.03			
AV	11.3773G	40.49	54.00	-13.51	35.24	3	Horizontal	79	2.54	-	38.80	9.41	42.96			
PK	17.08895G	59.02	68.20	-9.18	48.04	3	Horizontal	267	1.62	-	40.93	12.33	42.28			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

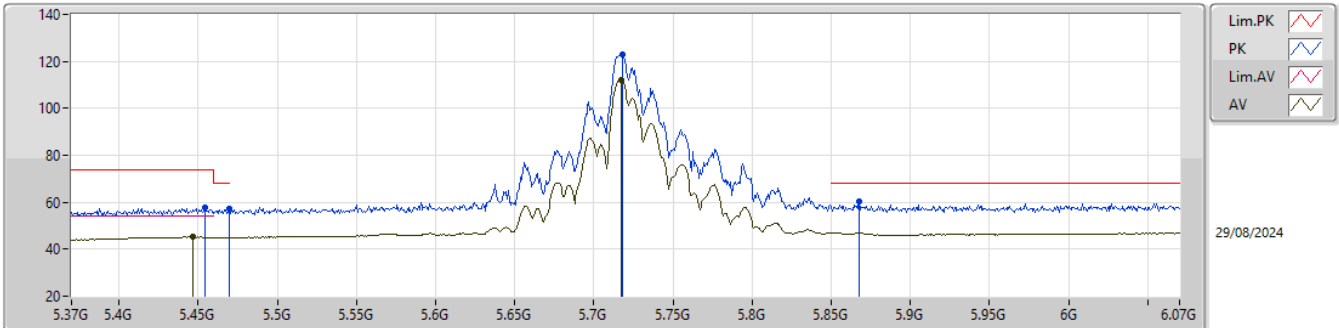


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4134G	62.74	74.00	-11.26	66.87	3	Vertical	335	1.80	-	33.15	6.13	43.41			
AV	5.4155G	51.04	54.00	-2.96	55.16	3	Vertical	335	1.80	-	33.16	6.13	43.41			
PK	5.4687G	58.12	68.20	-10.08	61.91	3	Vertical	335	1.80	-	33.41	6.15	43.35			
PK	5.7172G	123.27	Inf	-Inf	126.38	3	Vertical	335	1.80	-	33.87	6.21	43.19			
AV	5.7172G	115.06	Inf	-Inf	118.17	3	Vertical	335	1.80	-	33.87	6.21	43.19			
PK	5.8551G	62.29	68.20	-5.91	64.72	3	Vertical	335	1.80	-	34.43	6.25	43.11			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

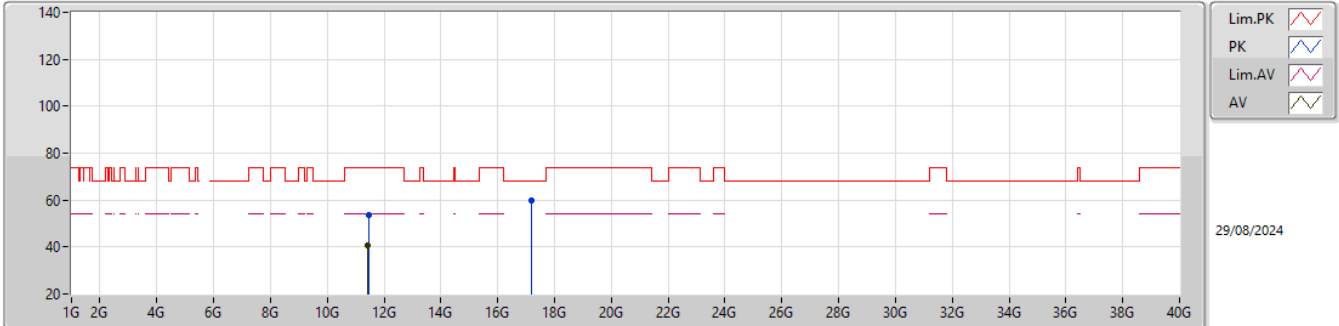


EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4547G	57.65	74.00	-16.35	61.53	3	Horizontal	303	1.97	-	33.33	6.15	43.36			
AV	5.4463G	45.25	54.00	-8.75	49.19	3	Horizontal	303	1.97	-	33.29	6.14	43.37			
PK	5.47G	57.06	68.20	-11.14	60.83	3	Horizontal	303	1.97	-	33.42	6.15	43.34			
PK	5.7179G	122.95	Inf	-Inf	126.06	3	Horizontal	303	1.97	-	33.87	6.21	43.19			
AV	5.7172G	112.19	Inf	-Inf	115.30	3	Horizontal	303	1.97	-	33.87	6.21	43.19			
PK	5.8677G	60.19	68.20	-8.01	62.52	3	Horizontal	303	1.97	-	34.51	6.26	43.10			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

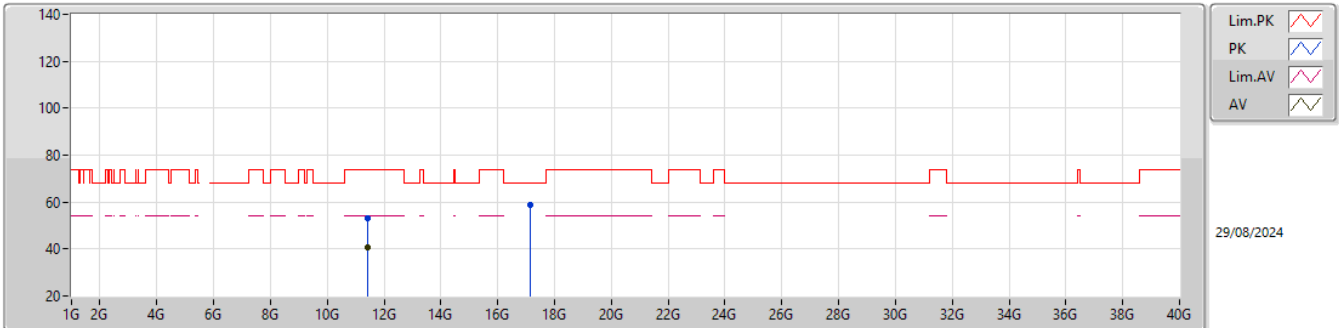


EUT_Y_4TX
Setting 30
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.4611G	53.61	74.00	-20.39	48.47	3	Vertical	109	2.48	-	38.80	9.46	43.12			
AV	11.4219G	40.46	54.00	-13.54	35.27	3	Vertical	109	2.48	-	38.80	9.44	43.05			
PK	17.1757G	59.60	68.20	-8.60	48.33	3	Vertical	281	3.00	-	41.15	12.40	42.28			

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

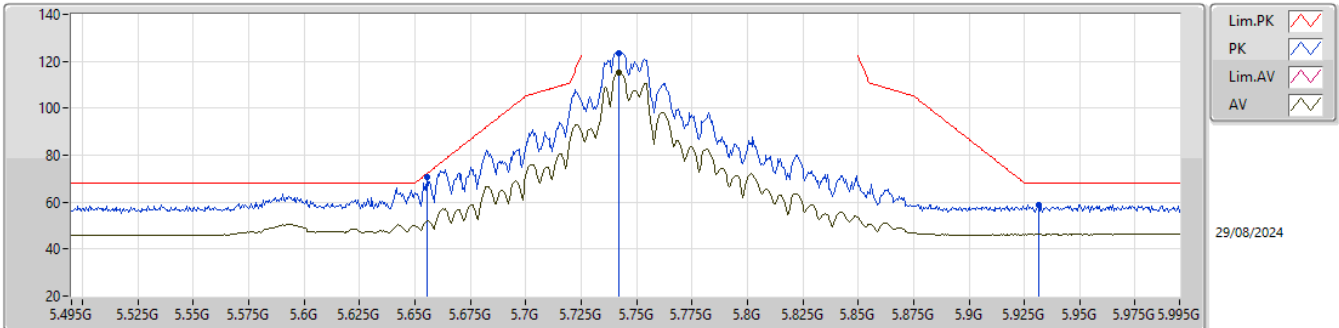
5720MHz Straddle 5.47-5.725GHz_TX

EUT_Y_4TX
Setting 30
04-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.4323G	53.32	74.00	-20.68	48.15	3	Horizontal	357	2.79	-	38.80	9.44	43.07			
AV	11.44335G	40.51	54.00	-13.49	35.35	3	Horizontal	357	2.79	-	38.80	9.45	43.09			
PK	17.143G	58.96	68.20	-9.24	47.78	3	Horizontal	30	2.71	-	41.09	12.37	42.28			

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5745MHz_TX



EUT_Y_4TX
Setting 30
04-D-E-2-13

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6555G	70.47	72.27	-1.80	73.77	3	Vertical	339	1.59	-	33.71	6.21	43.22			
PK	5.742G	123.43	Inf	-Inf	126.42	3	Vertical	339	1.59	-	33.97	6.21	43.17			
AV	5.742G	115.28	Inf	-Inf	118.27	3	Vertical	339	1.59	-	33.97	6.21	43.17			
PK	5.9315G	59.00	68.20	-9.20	60.86	3	Vertical	339	1.59	-	34.89	6.32	43.07			