



RADIO TEST REPORT

FCC ID : I88EE6510-10
Equipment : Tri-Band Wireless BE18000 10G Ethernet Gateway
Brand Name : ZYXEL
Model Name : EE6510-10
Applicant : Zyxel Communications Corporation
No.2 Industry East RD. IX, Hsinchu Science Park,
Hsinchu 30075, Taiwan
Manufacturer : Zyxel Communications Corporation
No.2 Industry East RD. IX, Hsinchu Science Park,
Hsinchu 30075, Taiwan, R.O.C
Standard : 47 CFR FCC Part 15.407

The product was received on May 30, 2024, and testing was started from May 30, 2024 and completed on Jul. 18, 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: Rex Liao

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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History of this test report

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

Page Number : 3 of 37
Issued Date : Dec. 03, 2024
Report Version : 01



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: Sophia Shiung**



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.	Antenna Position	Port			Brand	Model Name	Ant. Type	Connector	Gain (dBi)
		WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz					
1	2G Ant1	1	-	-	INPAQ	RFPCA351506IMAB401	PCB	I-Pex	Note 1
2	2G Ant2	2	-	-	INPAQ	RFPCA351510IMAB401	PCB	I-Pex	
3	2G Ant3	3	-	-	INPAQ	RFPCA351511IMAB404	PCB	I-Pex	
4	5G Ant1	-	1	-	INPAQ	RFPCA201022IM5B901	PCB	I-Pex	
5	5G Ant2	-	2	-	INPAQ	RFPCA201022IM5B902	PCB	I-Pex	
6	5G Ant3	-	3	-	INPAQ	RFPCA201027IM5B903	PCB	I-Pex	
7	5G Ant4	-	4	-	INPAQ	RFPCA201026IM5B903	PCB	I-Pex	
8	6G Ant1	-	-	1	INPAQ	RFDPA100510IM6B902	TUBE	I-Pex	
9	6G Ant2	-	-	2	INPAQ	RFDPA100509IM6B902	TUBE	I-Pex	
10	6G Ant3	-	-	3	INPAQ	RFDPA100509IM6B903	TUBE	I-Pex	
11	6G Ant4	-	-	4	INPAQ	RFDPA100509IM6B904	TUBE	I-Pex	

Note 1:

Ant.	Antenna Gain (dBi)										
	WLAN 2.4GHz			WLAN 5GHz				WLAN 6GHz			
	2.4G	2.45G	2.4835G	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
1	4.6	4.82	4.21	-	-	-	-	-	-	-	-
2	2.28	2.32	2.08	-	-	-	-	-	-	-	-
3	3.99	3.32	3.68	-	-	-	-	-	-	-	-
4	-	-	-	2.08	2.09	2.45	2.12	-	-	-	-
5	-	-	-	2.02	2.11	2.64	2.51	-	-	-	-
6	-	-	-	2.12	2.31	3.78	3.46	-	-	-	-
7	-	-	-	3.42	4.1	4.6	4.37	-	-	-	-
8	-	-	-	-	-	-	-	2.67	3.01	3.78	3.22
9	-	-	-	-	-	-	-	3.25	4.65	2.61	4.19
10	-	-	-	-	-	-	-	3.91	2.75	2.19	2.95
11	-	-	-	-	-	-	-	2.99	2.38	3.08	2.28

Item	Antenna Gain (dBi)										
	WLAN 2.4GHz			WLAN 5GHz				WLAN 6GHz			
	2.4G	2.45G	2.4835G	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
3T1S	5.3	4.85	4.71	-	-	-	-	-	-	-	-
3T2S	4.6	4.82	4.21	-	-	-	-	-	-	-	-
3T3S	4.6	4.82	4.21	-	-	-	-	-	-	-	-
4T1S	-	-	-	3.55	4.37	5.13	4.9	6.77	5.29	6.49	5.08
4T2S	-	-	-	3.42	4.1	4.6	4.37	3.91	4.65	3.78	4.19
4T4S	-	-	-	3.42	4.1	4.6	4.37	3.91	4.65	3.78	4.19

Note 2: The above information (except for the antenna gain and directional gain) was declared by manufacturer.

Note 3: The antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03.

Note 4: For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be (3TX/3RX):

Port 1~3 can be used as transmitting/receiving antenna.

Port 1~3 could transmit/receive simultaneously.

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

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

Port 1~4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss1,(6Mbps)_4TX	0.549	2.6	128.187u	10k
802.11be EHT20_Nss1,(MCS0)_4TX	0.894	0.49	321.875u	10k
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.894	0.49	321.875u	10k
802.11be EHT40_Nss1,(MCS0)_4TX	0.904	0.44	307.5u	10k
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.904	0.44	307.5u	10k
802.11be EHT80_Nss1,(MCS0)_4TX	0.902	0.45	297.5u	10k
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.902	0.45	297.5u	10k
802.11be EHT160_Nss1,(MCS0)_4TX	0.902	0.45	295u	10k
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.902	0.45	295u	10k

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	Access Manual Tool 3.3.0.6		
CPU Model No.	BCM4916		
2.4G Chip Model	BCM6711		
5G Chip Model	BCM6726		
6G Chip Model	BCM67263		
Firmware Version	17.10.369.39012		

Note: 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	Jay Lo	22.9~23.9 / 61~66	Jun. 11, 2024~ Jun. 27, 2024
Radiated < 1GHz	03CH05-CB	Stim Sung	21.9~22.4 / 55~58	Jul. 16, 2024~ Jul. 17, 2024
Radiated > 1GHz	03CH02-CB	Stim Sung	21.8~22.9 / 55~58	May 30, 2024~ Jun. 12, 2024
	03CH03-CB		21.4~22.5 / 55~58	
AC Conduction	CO01-CB	Ryan Huang	22~23 / 59~60	Jul. 18, 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))

Parameter	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	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	90
5200MHz	94
5240MHz	93
5260MHz	70
5300MHz	71
5320MHz	73
5500MHz	72
5580MHz	71
5700MHz	70
5720MHz Straddle 5.47-5.725GHz	69
5720MHz Straddle 5.725-5.85GHz	69
5745MHz	99
5785MHz	98
5825MHz	98
802.11be EHT20_Nss1,(MCS0)_4TX	-
5180MHz	84
5200MHz	89
5240MHz	94
5260MHz	70
5300MHz	70
5320MHz	73
5500MHz	69
5580MHz	71
5700MHz	70
5720MHz Straddle 5.47-5.725GHz	68
5720MHz Straddle 5.725-5.85GHz	68
5745MHz	96
5785MHz	93
5825MHz	96
802.11be EHT40_Nss1,(MCS0)_4TX	-
5190MHz	85
5230MHz	92
5270MHz	70
5310MHz	72
5510MHz	71
5550MHz	70
5670MHz	69
5710MHz Straddle 5.47-5.725GHz	70
5710MHz Straddle 5.725-5.85GHz	70
5755MHz	94
5795MHz	94



802.11be EHT80_Nss1,(MCS0)_4TX	-
5210MHz	88
5290MHz	72
5530MHz	72
5610MHz	70
5690MHz Straddle 5.47-5.725GHz	70
5690MHz Straddle 5.725-5.85GHz	70
5775MHz	96
802.11be EHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	77
5250MHz Straddle 5.25-5.35GHz	77
5570MHz	72

Note:

- ♦ EHT20 / EHT40 / EHT80 / EHT160 covers HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 / HEW20 / HEW40 / HEW80 / HEW160 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / VHT80 / VHT160 / HEW20 / HEW40 / HEW80 / HEW160 is 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.



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 + Adapter 1
2	EUT + Adapter 2
For operating, mode 1 is the worst case and it was recorded 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, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis + Adapter 1
2	EUT in Y axis + Adapter 2
For operating, mode 1 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA453021-01 for Co-location RF Exposure Evaluation.	



2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	MOSO	MSS-V3500WR120-042A0-US	Input: 100-240V~50/60Hz, 1.2A max. Output: 12V, 3.5A
Adapter 2	DVE	DSA-36PFN-12FUS 120300	Input: 100-240V~50/60Hz, 1.0A Output: +12.0V, 3.0A, 36.0W
Others			
RJ-45 cable: Non-shielded, 1m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	10G WAN PC	ASUS	S300TA	TX2-RTL8821CE
B	10G LAN PC	ASUS	S300TA	TX2-RTL8821CE
C	1G LAN NB	Lenovo	T400	N/A
D	2.4G NB	Lenovo	T400	N/A
E	5G NB	Lenovo	T400	N/A
F	6G NB	Lenovo	TP00103J	N/A
G	Flash disk3.0	Transcend	JetFlash-703	N/A

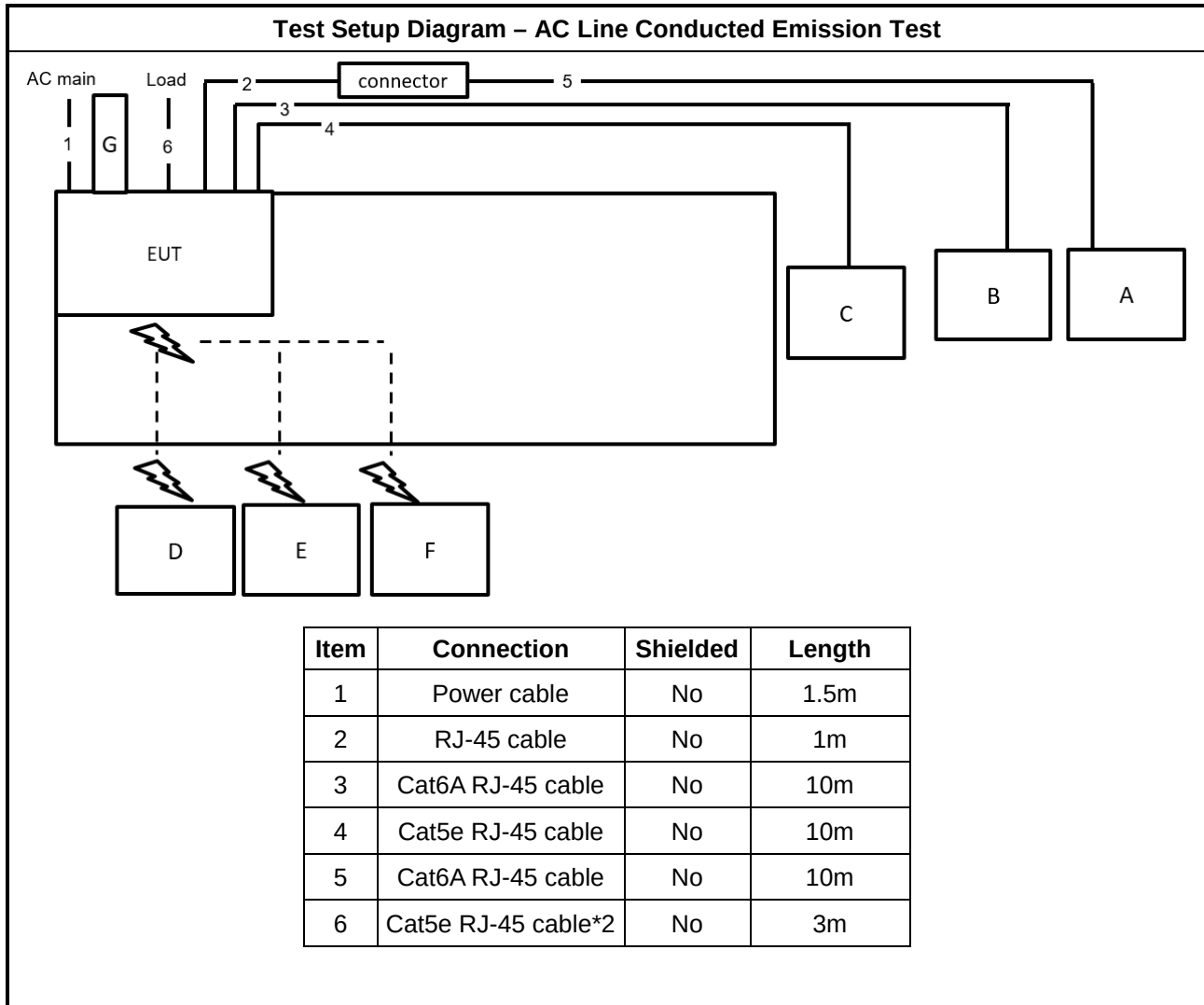
**For Radiated < 1GHz:**

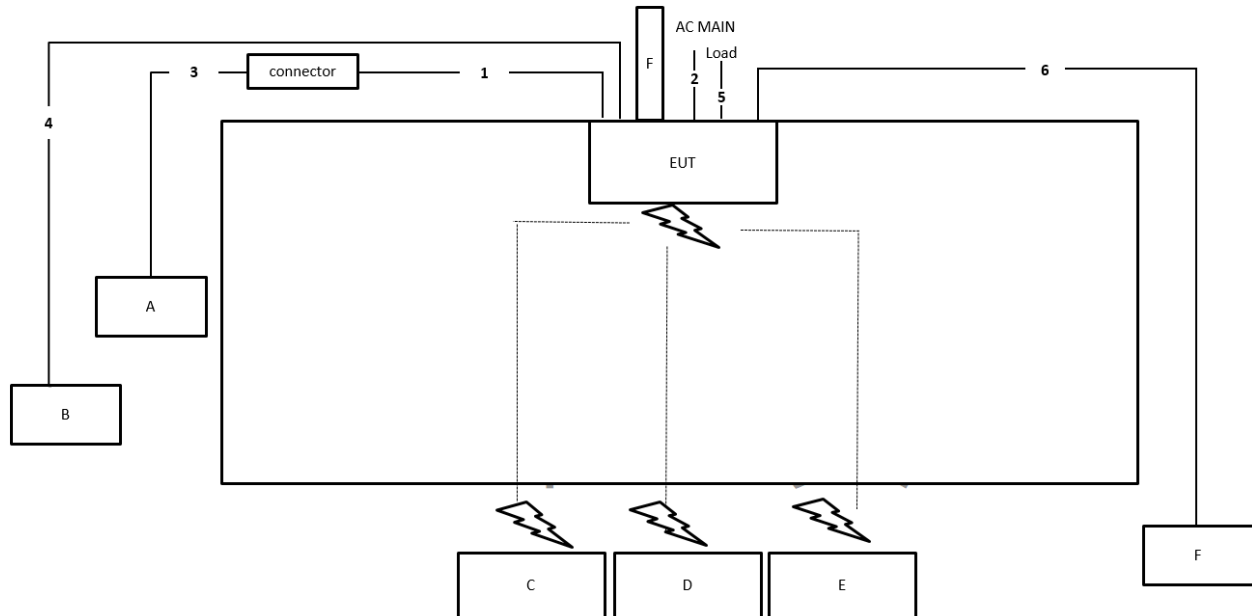
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	10G LAN PC	DELL	T3400	N/A
B	10G WAN PC	DELL	T3400	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A
E	6G NB	DELL	E4300	N/A
F	Flash disk3.0	Silicon Power	B06	N/A
G	1G LAN NB	DELL	E4300	N/A

For Radiated > 1GHz and RF Conducted:

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

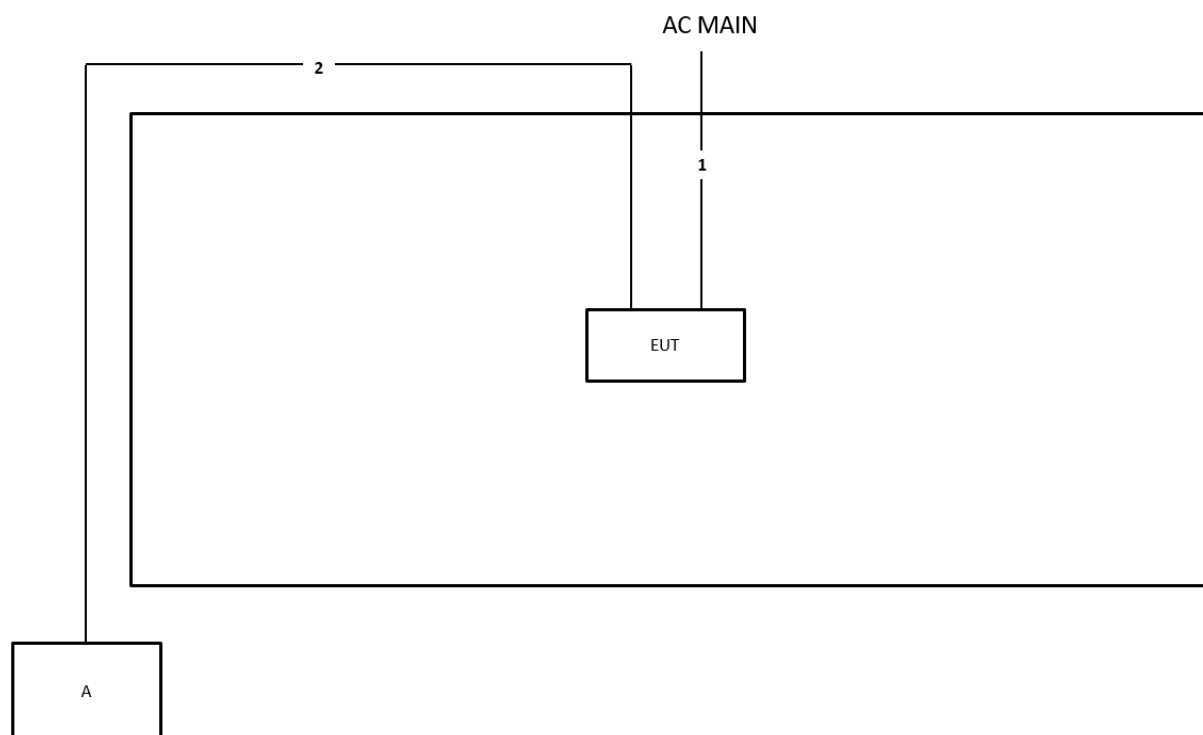
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	1m
2	Power cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable*2	No	1.5m
6	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	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.		

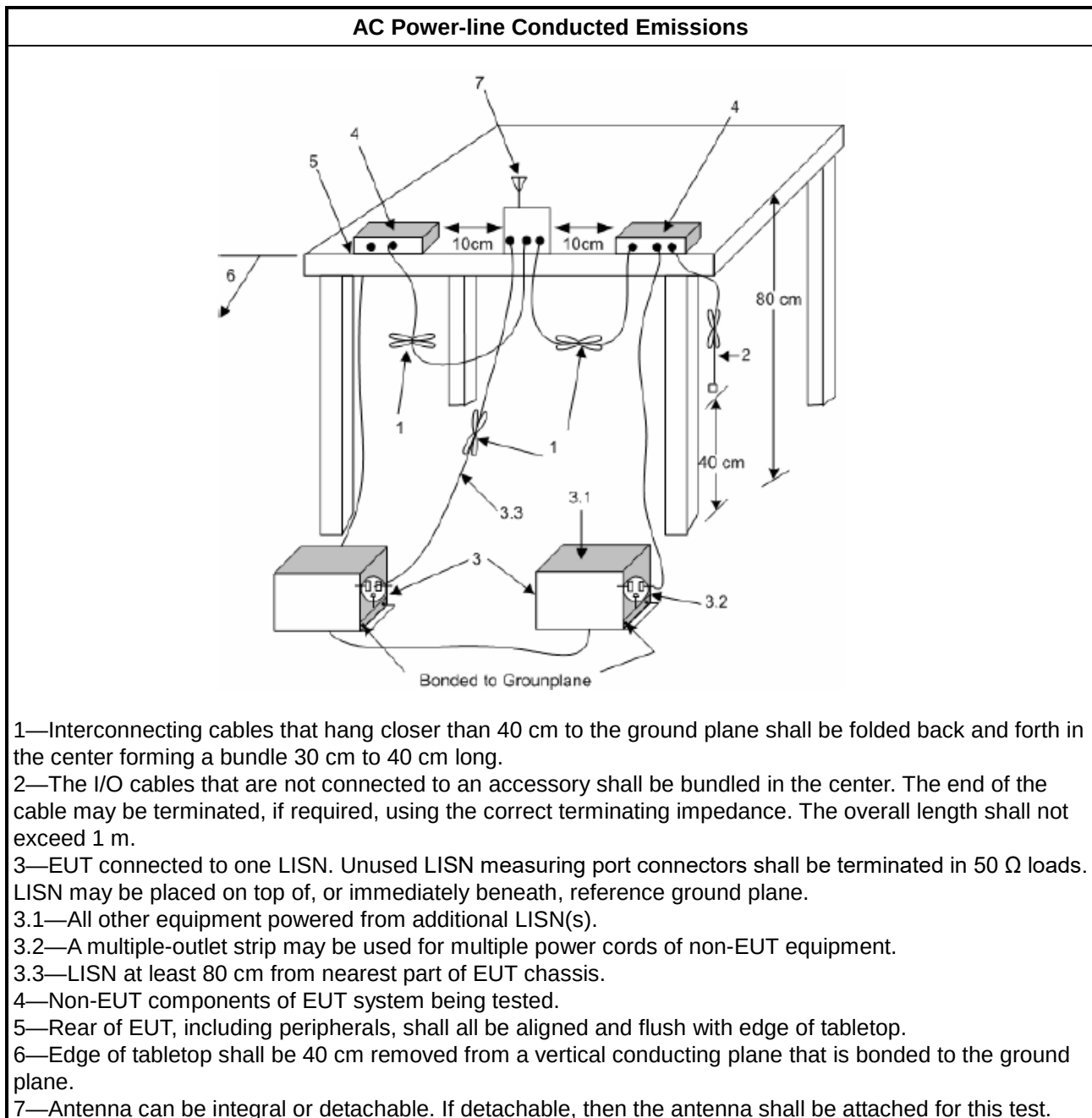
3.1.2 Measuring Instruments

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:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- 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 $\geq 500\text{kHz}$.

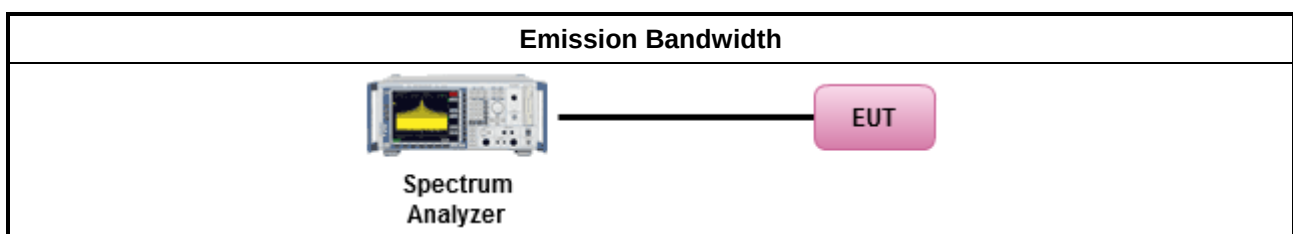
3.2.2 Measuring Instruments

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

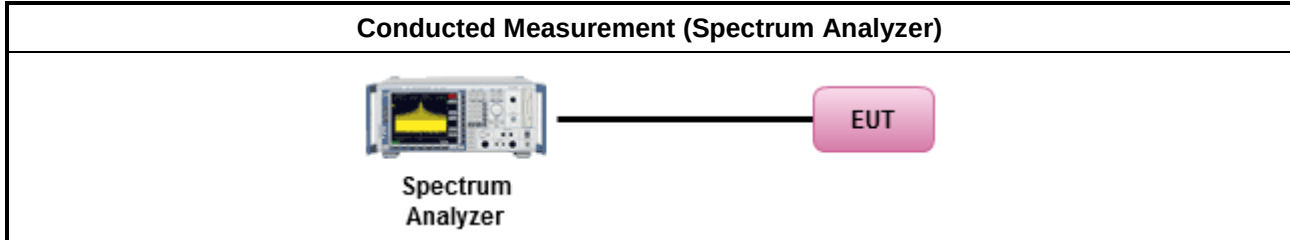
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

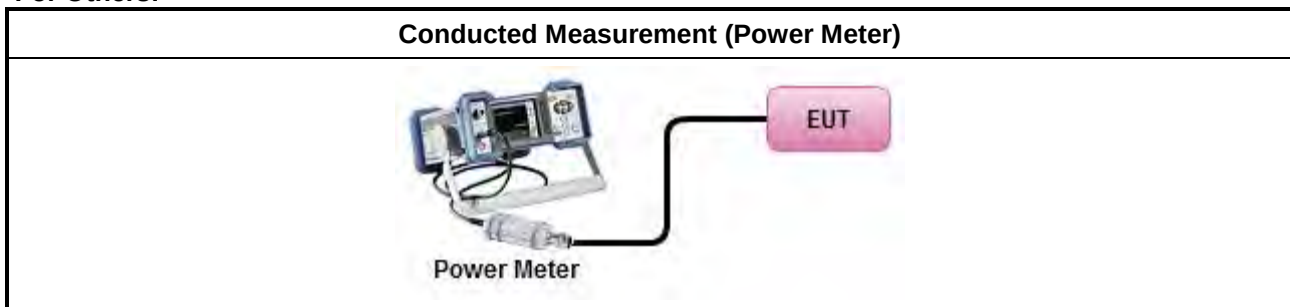
Test Method	
☐	Average over on/off periods with duty factor
☒	For Straddle Channels: Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☐	Wideband RF power meter and average over on/off periods with duty factor
☒	For Others: 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 Channels:



For Others:



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.	

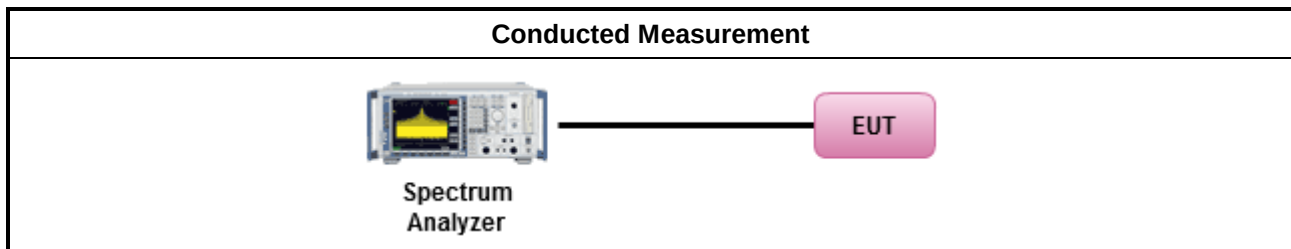
3.4.2 Measuring Instruments

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, F5) 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. - 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

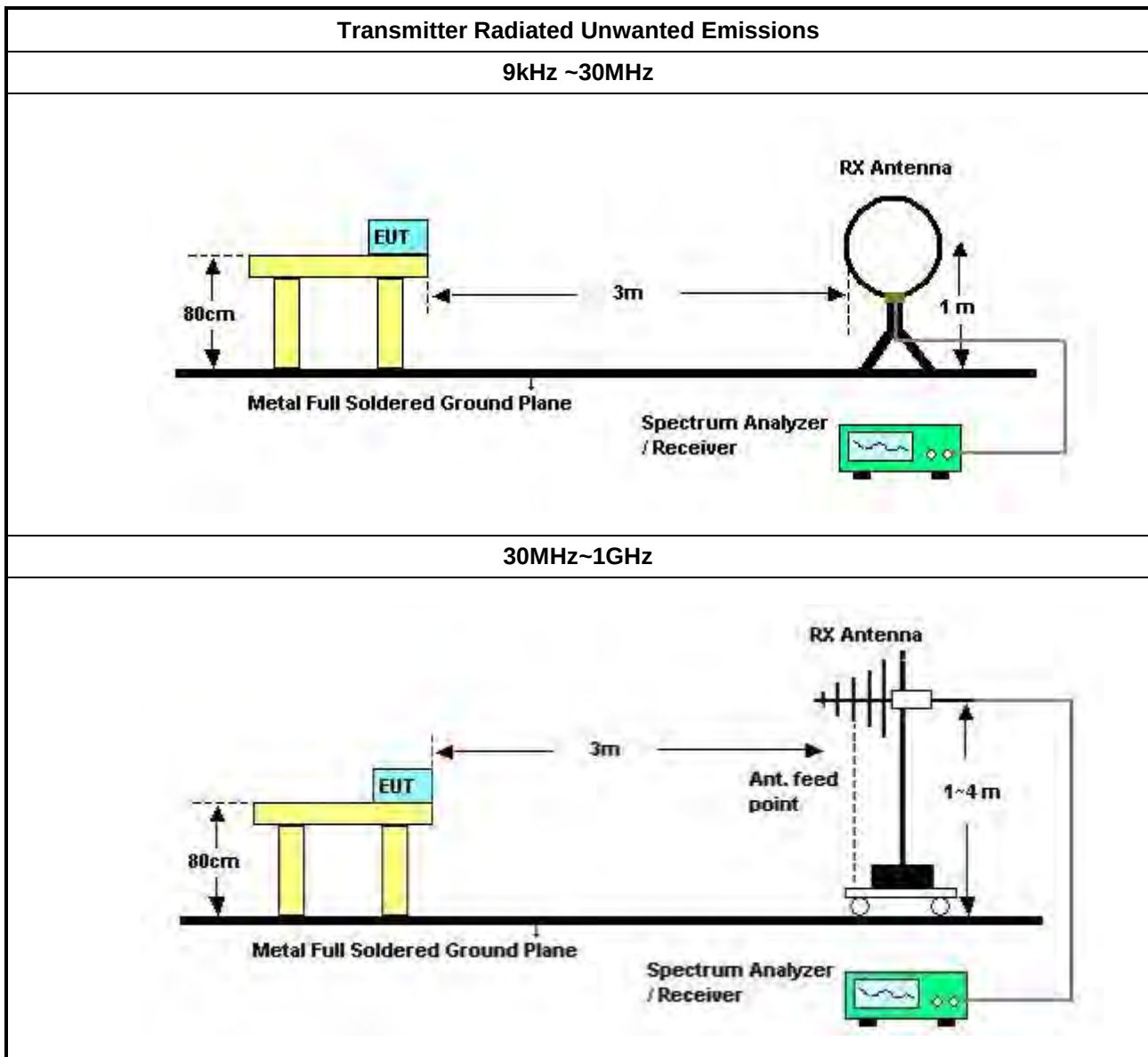
Refer a test equipment and calibration data table in this test report.

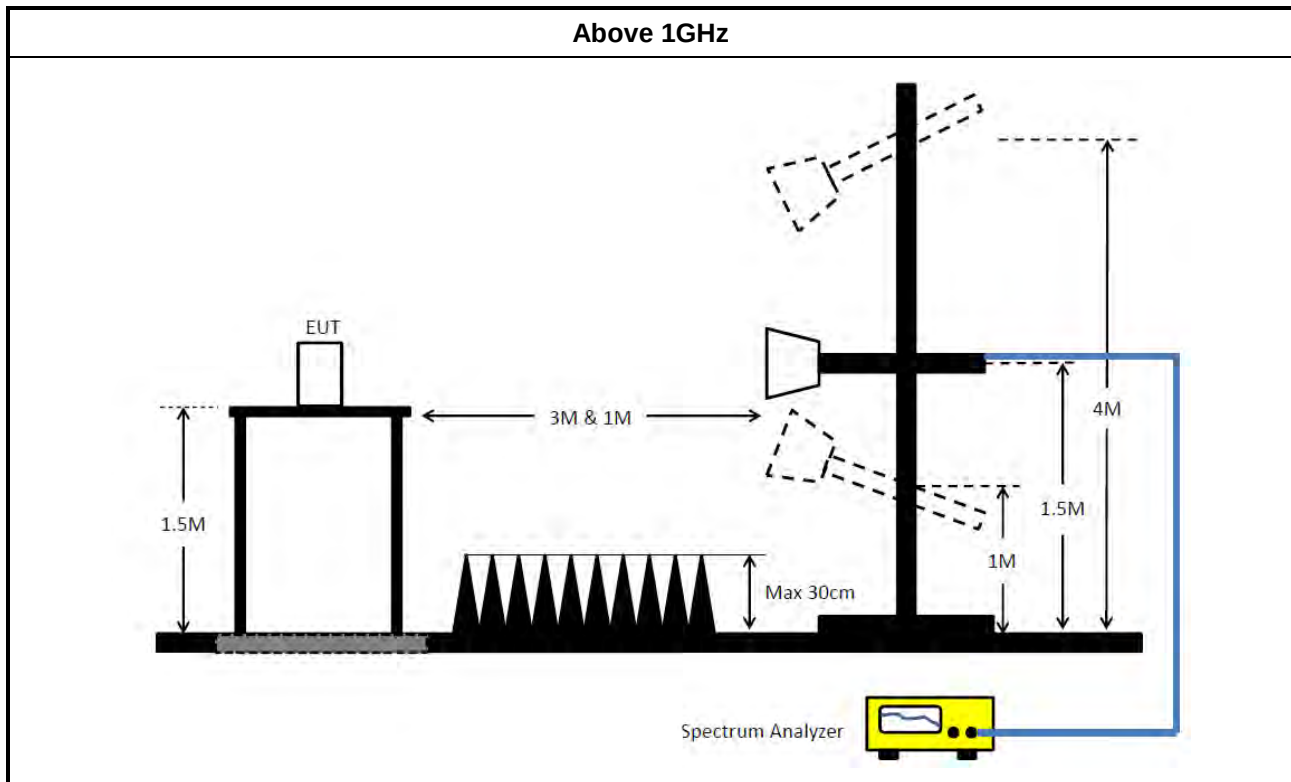
3.5.3 Test Procedures

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)
Software	SPORTON	SENSE	V5.10	-	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	30MHz ~ 1GHz	Aug. 02, 2023	Aug. 01, 2024	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)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	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	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Jul. 24, 2023	Jul. 23, 2024	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2024	Jan. 23, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Feb. 29, 2024	Feb. 28, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Feb. 29, 2024	Feb. 28, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)



RADIO TEST REPORT

Report No. : FR453021-01AB

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-30	1GHz – 18GHz	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	GB41291199	50MHz~18GHz	Mar. 04, 2024	Mar. 03, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.



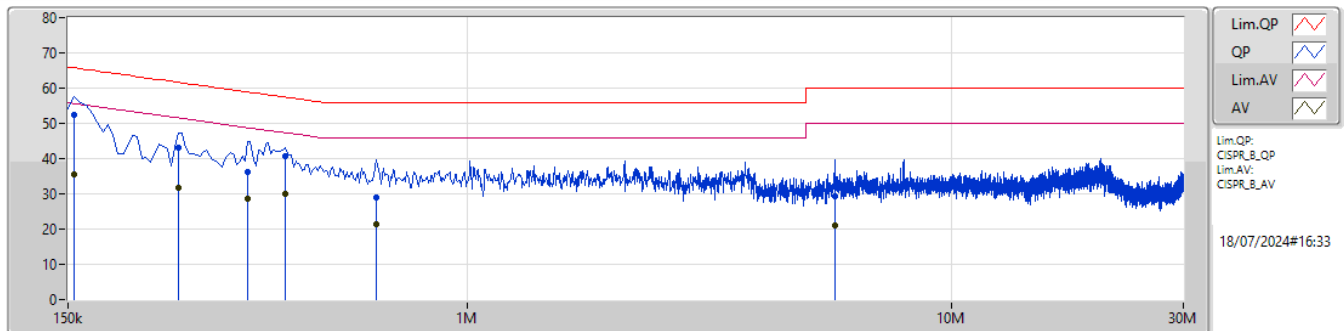
Conducted Emissions at Powerline

Appendix A

Summary

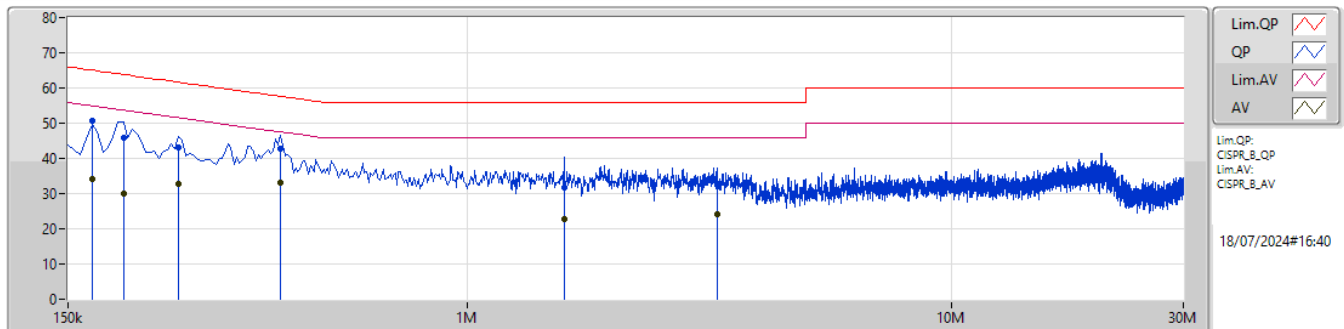
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.5k	52.41	65.75	-13.34	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	52.41	65.75	-13.34	9.93	Line	"Worst"	42.48	0.05	0.02	9.86						
AV	154.5k	35.52	55.75	-20.23	9.93	Line	-	25.59	0.05	0.02	9.86						
QP	253.5k	43.08	61.64	-18.56	9.93	Line	-	33.15	0.05	0.02	9.86						
AV	253.5k	31.71	51.64	-19.93	9.93	Line	-	21.78	0.05	0.02	9.86						
QP	352.5k	36.06	58.91	-22.85	9.95	Line	-	26.11	0.05	0.02	9.88						
AV	352.5k	28.48	48.91	-20.43	9.95	Line	-	18.53	0.05	0.02	9.88						
QP	420k	40.57	57.45	-16.88	9.96	Line	-	30.61	0.05	0.02	9.89						
AV	420k	30.10	47.45	-17.35	9.96	Line	-	20.14	0.05	0.02	9.89						
QP	649.5k	28.86	56.00	-27.14	9.97	Line	-	18.89	0.06	0.01	9.90						
AV	649.5k	21.36	46.00	-24.64	9.97	Line	-	11.39	0.06	0.01	9.90						
QP	5.726M	29.46	60.00	-30.54	10.21	Line	-	19.25	0.17	0.14	9.90						
AV	5.726M	21.02	50.00	-28.98	10.21	Line	-	10.81	0.17	0.14	9.90						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	168k	50.71	65.06	-14.35	9.93	Neutral	"Worst"	40.78	0.05	0.02	9.86						
AV	168k	34.28	55.06	-20.78	9.93	Neutral	-	24.35	0.05	0.02	9.86						
QP	195k	45.83	63.82	-17.99	9.92	Neutral	-	35.91	0.05	0.02	9.85						
AV	195k	29.83	53.82	-23.99	9.92	Neutral	-	19.91	0.05	0.02	9.85						
QP	253.5k	43.26	61.64	-18.38	9.93	Neutral	-	33.33	0.05	0.02	9.86						
AV	253.5k	32.80	51.64	-18.84	9.93	Neutral	-	22.87	0.05	0.02	9.86						
QP	411k	42.73	57.63	-14.90	9.96	Neutral	-	32.77	0.05	0.02	9.89						
AV	411k	33.14	47.63	-14.49	9.96	Neutral	-	23.18	0.05	0.02	9.89						
QP	1.581M	31.69	56.00	-24.31	10.02	Neutral	-	21.67	0.07	0.05	9.90						
AV	1.581M	22.70	46.00	-23.30	10.02	Neutral	-	12.68	0.07	0.05	9.90						
QP	3.278M	32.43	56.00	-23.57	10.12	Neutral	-	22.31	0.10	0.12	9.90						
AV	3.278M	24.20	46.00	-21.80	10.12	Neutral	-	14.08	0.10	0.12	9.90						

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	21.285M	17.19M	17M2D1D	20.075M	16.441M
802.11be EHT20_Nss1,(MCS0)_4TX	25.355M	19.153M	19M2D1D	20.46M	18.936M
802.11be EHT40_Nss1,(MCS0)_4TX	52.03M	38.033M	38M0D1D	40.37M	37.647M
802.11be EHT80_Nss1,(MCS0)_4TX	89.76M	77.433M	77M4D1D	82.28M	76.839M
802.11be EHT160_Nss1,(MCS0)_4TX	80.56M	77.28M	77M3D1D	79.92M	76.921M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.67M	16.657M	16M7D1D	19.47M	16.441M
802.11be EHT20_Nss1,(MCS0)_4TX	26.95M	19.213M	19M2D1D	20.68M	18.928M
802.11be EHT40_Nss1,(MCS0)_4TX	55.11M	37.895M	37M9D1D	38.94M	37.641M
802.11be EHT80_Nss1,(MCS0)_4TX	84.92M	77.468M	77M5D1D	80.52M	77.249M
802.11be EHT160_Nss1,(MCS0)_4TX	80.4M	77.507M	77M5D1D	79.92M	77.059M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.56M	16.931M	16M9D1D	15.24M	13.202M
802.11be EHT20_Nss1,(MCS0)_4TX	24.86M	19.084M	19M1D1D	15.465M	14.4M
802.11be EHT40_Nss1,(MCS0)_4TX	52.91M	37.968M	38M0D1D	34.37M	33.625M
802.11be EHT80_Nss1,(MCS0)_4TX	85.58M	77.325M	77M3D1D	74.925M	73.041M
802.11be EHT160_Nss1,(MCS0)_4TX	162.8M	156.919M	157MD1D	161.92M	155.899M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.61M	17.197M	17M2D1D	3.14M	3.839M
802.11be EHT20_Nss1,(MCS0)_4TX	19.085M	19.125M	19M1D1D	4.46M	4.564M
802.11be EHT40_Nss1,(MCS0)_4TX	38.06M	37.964M	38M0D1D	3.38M	4.066M
802.11be EHT80_Nss1,(MCS0)_4TX	77.66M	77.616M	77M6D1D	3.4M	4.059M

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	20.845M	16.703M	21.12M	17.19M	20.515M	16.715M	21.285M	16.441M
5200MHz	Pass	Inf	20.9M	16.846M	20.68M	16.829M	20.515M	16.891M	21.065M	16.556M
5240MHz	Pass	Inf	20.13M	16.536M	20.075M	16.83M	20.57M	17.092M	20.405M	16.472M
5260MHz	Pass	Inf	20.46M	16.591M	21.12M	16.655M	20.46M	16.497M	19.47M	16.493M
5300MHz	Pass	Inf	20.68M	16.544M	20.955M	16.62M	21.01M	16.441M	20.515M	16.567M
5320MHz	Pass	Inf	21.175M	16.657M	20.9M	16.591M	21.67M	16.597M	20.35M	16.6M
5500MHz	Pass	Inf	20.79M	16.593M	20.57M	16.88M	20.955M	16.554M	21.56M	16.535M
5580MHz	Pass	Inf	20.46M	16.554M	20.845M	16.931M	20.405M	16.611M	20.46M	16.668M
5700MHz	Pass	Inf	20.35M	16.81M	20.9M	16.448M	20.13M	16.689M	20.57M	16.506M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.48M	13.373M	15.555M	13.249M	15.24M	13.447M	15.285M	13.202M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	4.176M	3.14M	4.238M	3.16M	3.839M	3.26M	3.948M
5745MHz	Pass	500k	16.28M	16.633M	16.555M	16.456M	16.445M	16.804M	15.73M	16.593M
5785MHz	Pass	500k	16.61M	16.545M	16.555M	16.612M	16.28M	17.197M	16.335M	16.582M
5825MHz	Pass	500k	16.28M	16.79M	16.445M	16.547M	16.28M	16.531M	16.28M	16.884M
802.11be EHT20_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.86M	19.089M	21.78M	18.979M	22.605M	19.039M	23.1M	19.078M
5200MHz	Pass	Inf	21.34M	18.936M	21.23M	19.013M	21.065M	19.051M	20.845M	18.992M
5240MHz	Pass	Inf	25.355M	18.996M	24.64M	19.021M	21.175M	18.987M	20.46M	19.153M
5260MHz	Pass	Inf	21.01M	19.004M	20.845M	18.928M	21.285M	19.213M	21.065M	18.962M
5300MHz	Pass	Inf	21.395M	19.102M	21.615M	19.098M	21.12M	19.042M	20.68M	19.086M
5320MHz	Pass	Inf	23.485M	19.069M	26.95M	19.066M	21.065M	19M	21.285M	18.983M
5500MHz	Pass	Inf	22.495M	19.065M	21.945M	19.025M	24.86M	19.084M	24.2M	18.978M
5580MHz	Pass	Inf	21.065M	19.038M	21.01M	18.964M	21.23M	19M	21.615M	19.029M
5700MHz	Pass	Inf	20.515M	18.981M	21.34M	18.999M	21.45M	19.049M	20.845M	18.995M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.9M	14.4M	15.57M	14.486M	16.035M	14.443M	15.465M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.564M	4.46M	4.574M	4.56M	4.611M	4.52M	4.569M
5745MHz	Pass	500k	19.085M	18.993M	17.82M	19.026M	16.39M	19.103M	18.92M	19.048M
5785MHz	Pass	500k	19.085M	19.125M	18.92M	19.108M	19.03M	19.041M	19.03M	18.955M
5825MHz	Pass	500k	19.03M	18.987M	18.975M	19.049M	19.085M	19.049M	19.085M	18.956M
802.11be EHT40_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	52.03M	37.849M	41.14M	37.697M	44.11M	38.033M	50.27M	37.85M
5230MHz	Pass	Inf	47.08M	37.759M	40.37M	37.905M	47.19M	37.87M	40.59M	37.647M
5270MHz	Pass	Inf	39.27M	37.641M	38.94M	37.642M	39.6M	37.762M	39.82M	37.669M
5310MHz	Pass	Inf	55.11M	37.748M	48.73M	37.785M	50.93M	37.824M	44.11M	37.895M
5510MHz	Pass	Inf	52.91M	37.941M	48.4M	37.82M	52.14M	37.696M	51.59M	37.824M
5550MHz	Pass	Inf	39.82M	37.727M	39.6M	37.66M	39.38M	37.968M	39.27M	37.867M
5670MHz	Pass	Inf	39.82M	37.554M	39.49M	37.747M	39.6M	37.683M	39.49M	37.424M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.65M	33.78M	34.37M	33.737M	34.825M	33.841M	35.07M	33.625M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.066M	4.06M	4.067M	3.84M	4.079M	3.38M	4.071M
5755MHz	Pass	500k	38.06M	37.7M	37.95M	37.964M	36.96M	37.922M	38.06M	37.846M
5795MHz	Pass	500k	35.86M	37.776M	38.06M	37.806M	36.3M	37.934M	38.06M	37.87M
802.11be EHT80_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	89.76M	77.433M	82.28M	77.129M	86.02M	76.839M	83.6M	77.294M
5290MHz	Pass	Inf	80.52M	77.391M	84.92M	77.249M	81.84M	77.293M	82.06M	77.468M
5530MHz	Pass	Inf	82.5M	77.028M	81.18M	77.279M	81.4M	77.323M	85.58M	77.13M
5610MHz	Pass	Inf	81.18M	77.082M	80.52M	77.117M	80.3M	77.133M	80.74M	77.325M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.3M	73.041M	75.375M	73.348M	74.925M	73.346M	75.225M	73.291M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.82M	4.113M	3.4M	4.059M	3.46M	4.075M	4.02M	4.094M
5775MHz	Pass	500k	75.9M	77.139M	76.78M	77.305M	76.34M	77.616M	77.66M	77.481M
802.11be EHT160_Nss1(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.56M	77.226M	80M	77.237M	80M	77.28M	79.92M	76.921M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.24M	77.507M	79.92M	77.2M	80.4M	77.059M	80.08M	77.132M
5570MHz	Pass	Inf	161.92M	156.253M	161.92M	156.444M	162.8M	156.919M	161.92M	155.899M

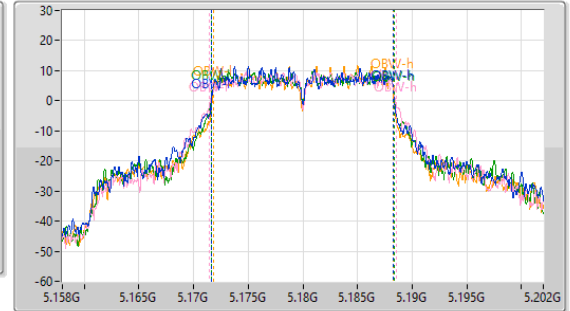
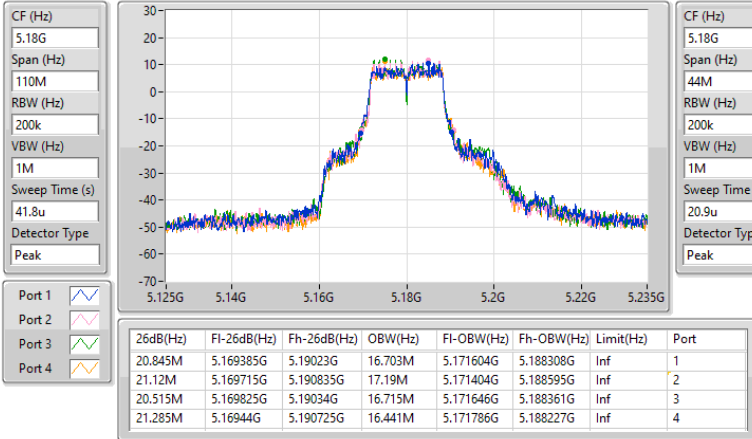
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

11/06/2024

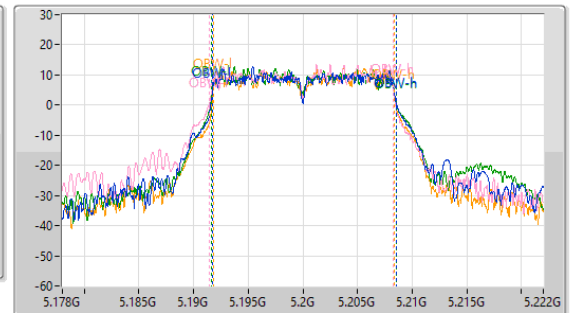
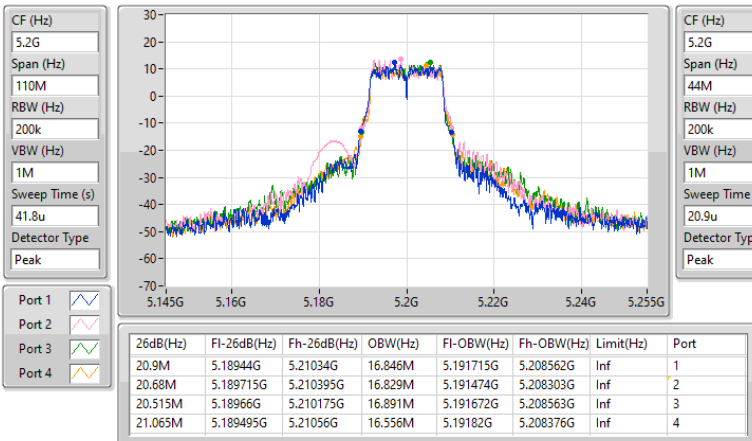


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

11/06/2024

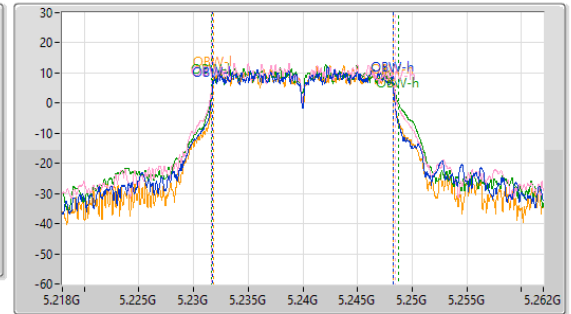
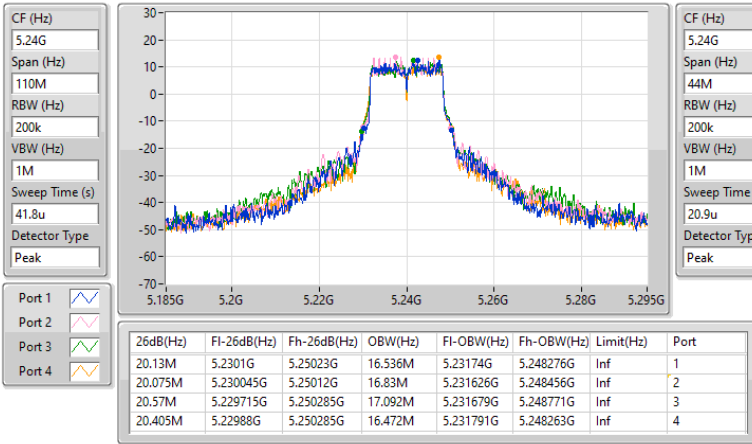


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

11/06/2024

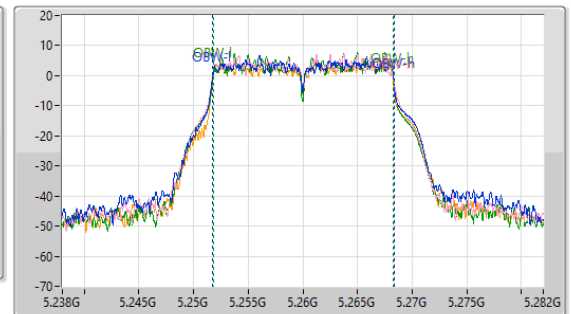
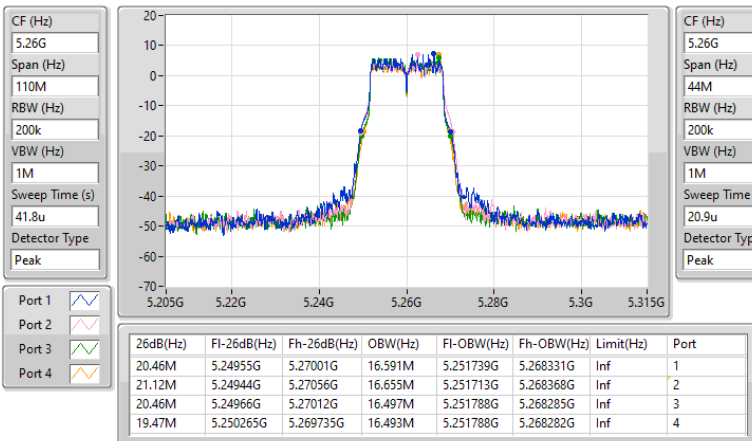


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

11/06/2024

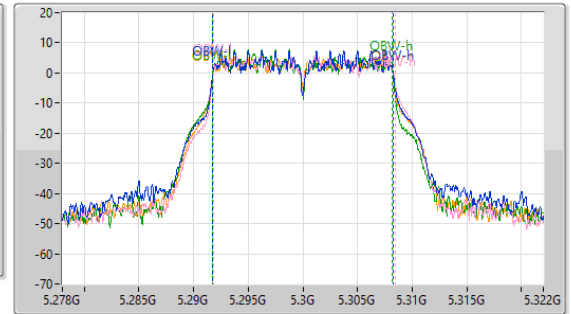
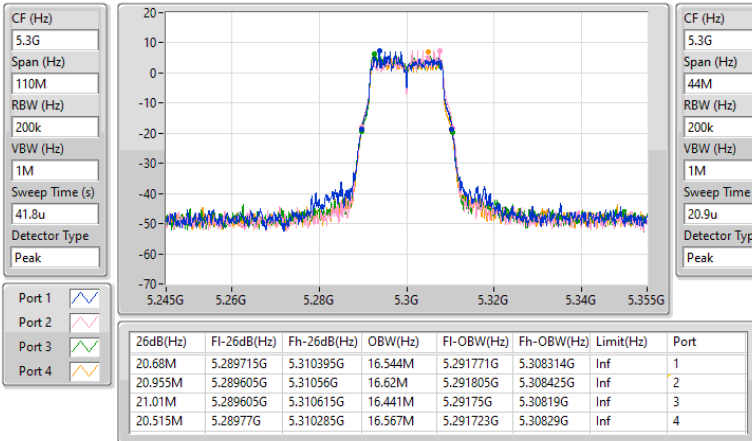


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5300MHz

11/06/2024

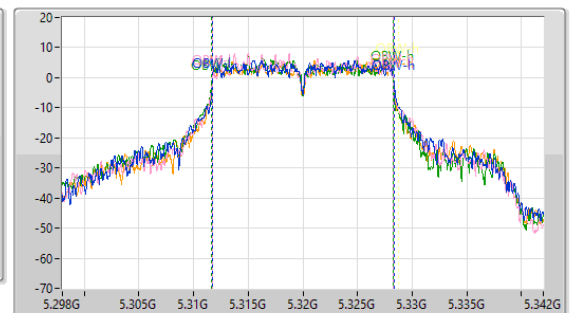
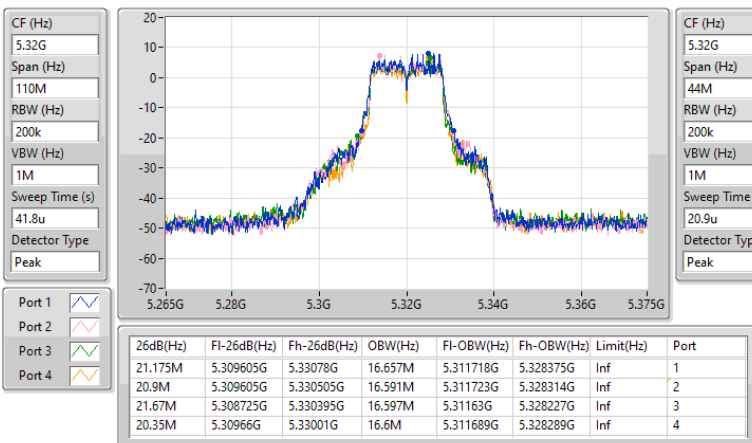


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

11/06/2024

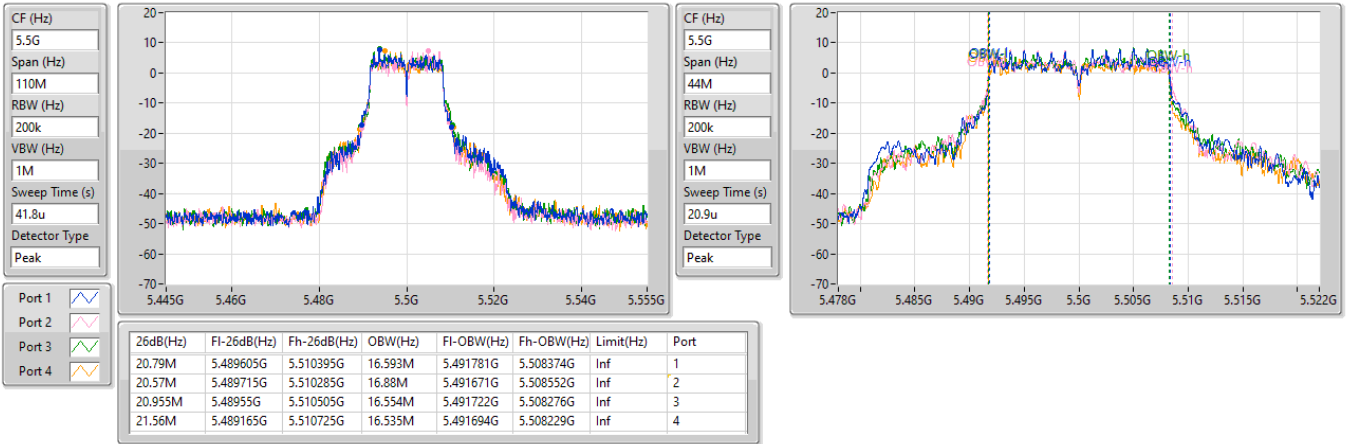


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

11/06/2024

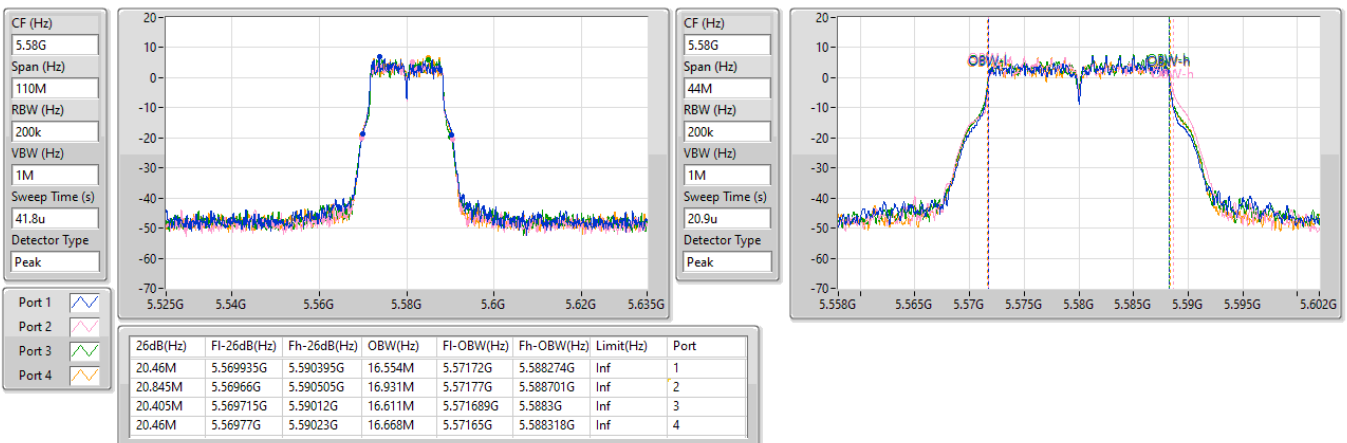


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

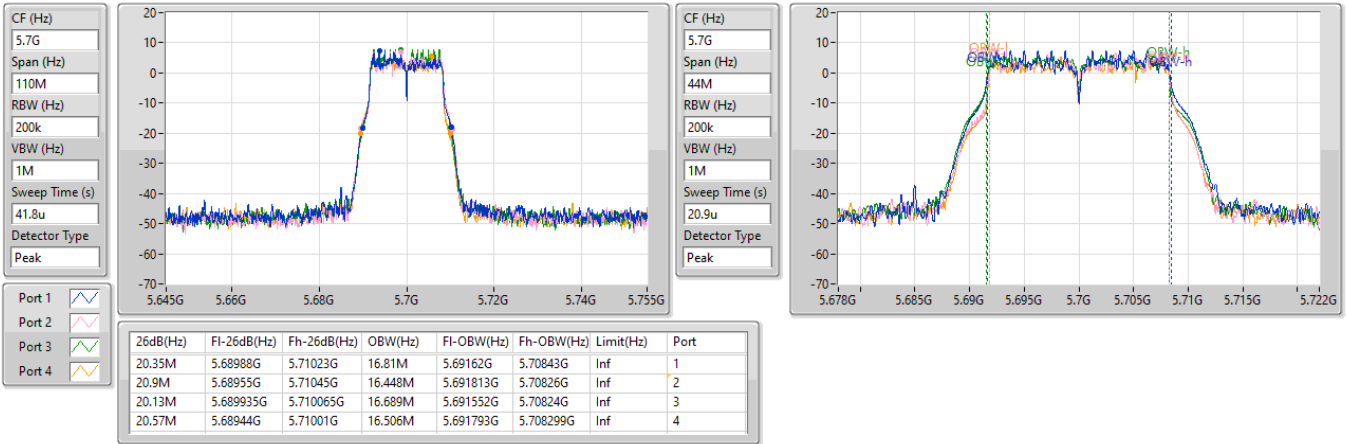
5580MHz

11/06/2024

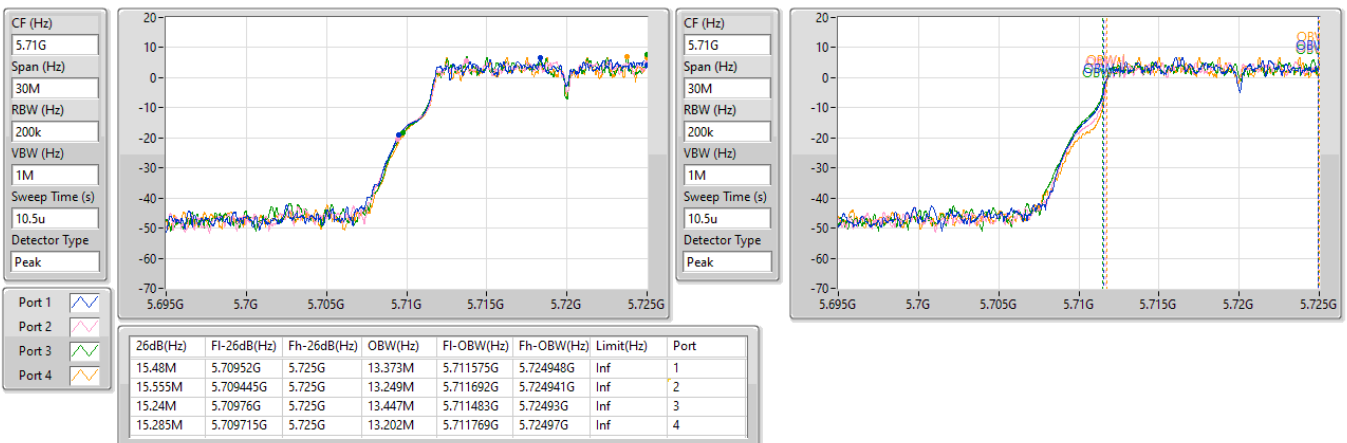


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5700MHz

11/06/2024


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

11/06/2024

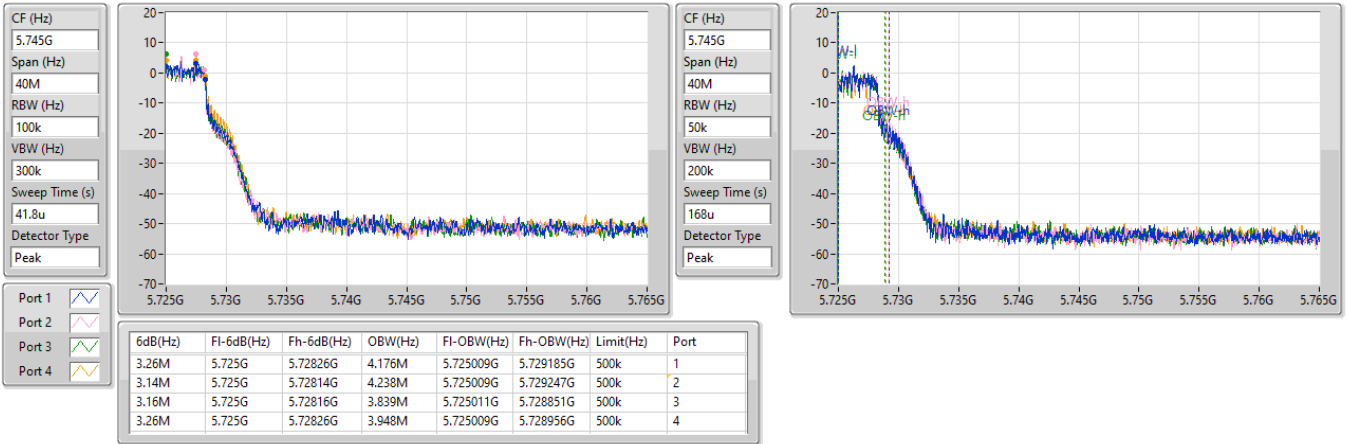


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

11/06/2024

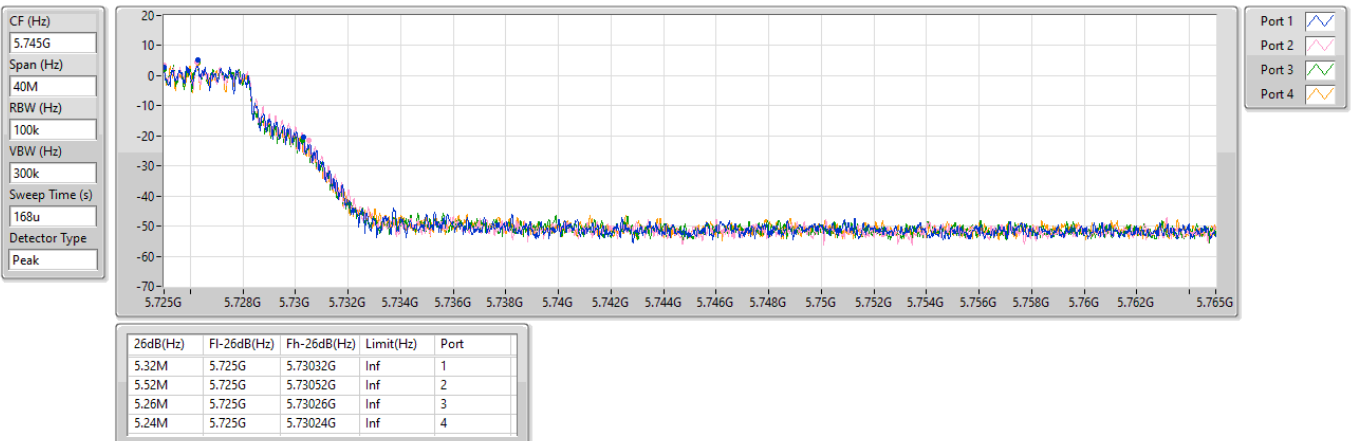


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

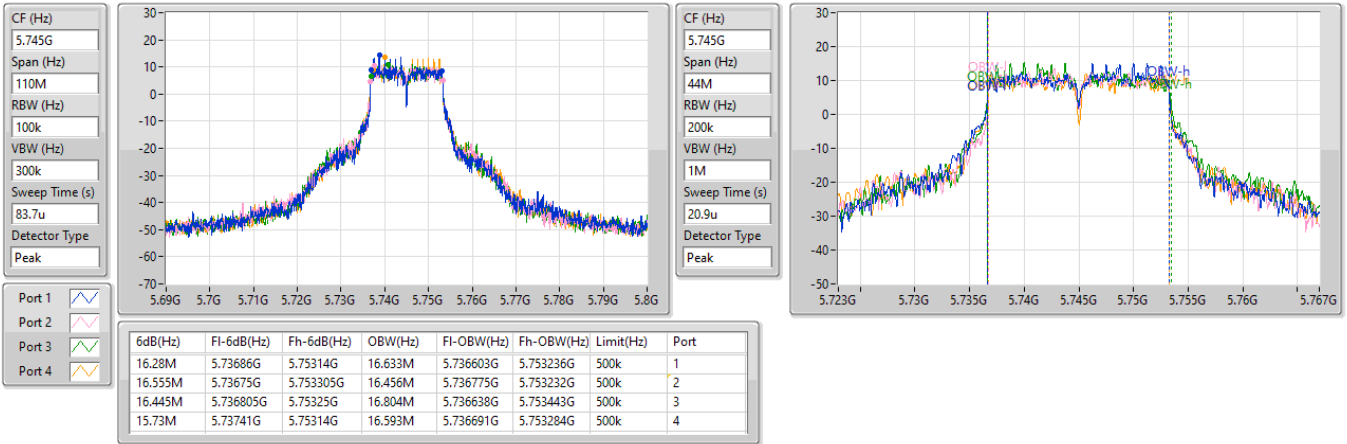
5720MHz Straddle 5.725-5.85GHz

11/06/2024

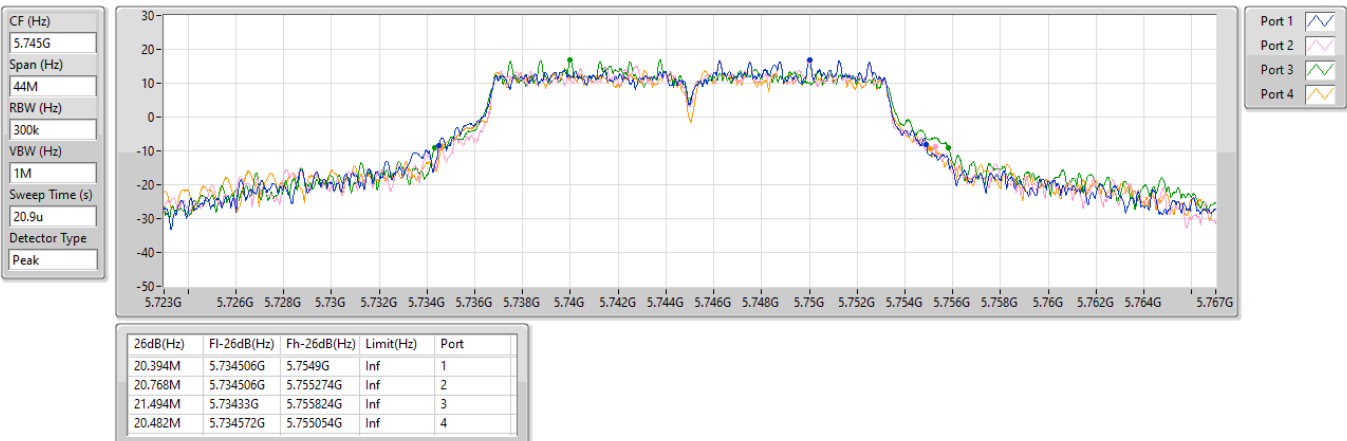


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

11/06/2024

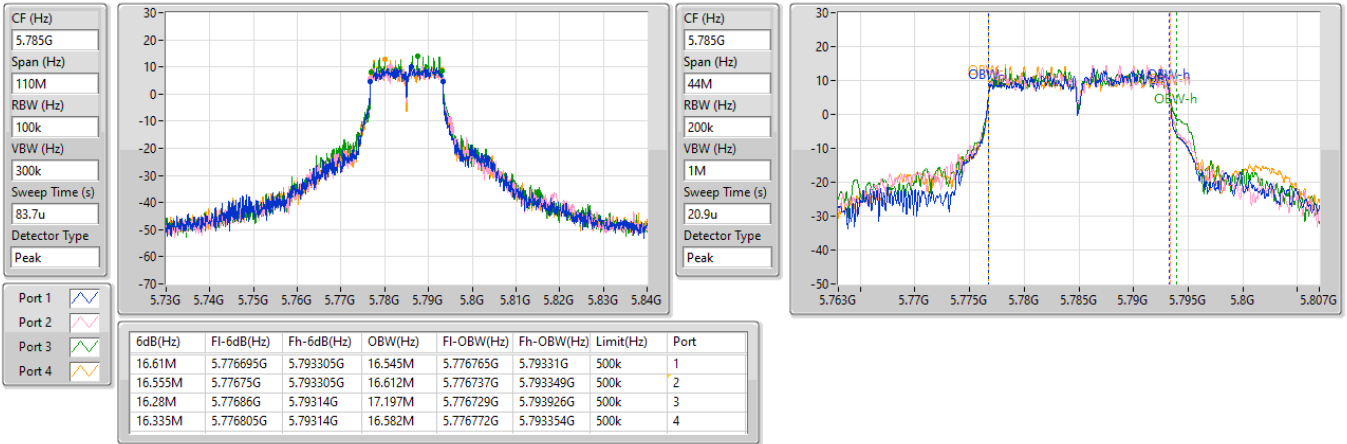

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5745MHz

11/06/2024

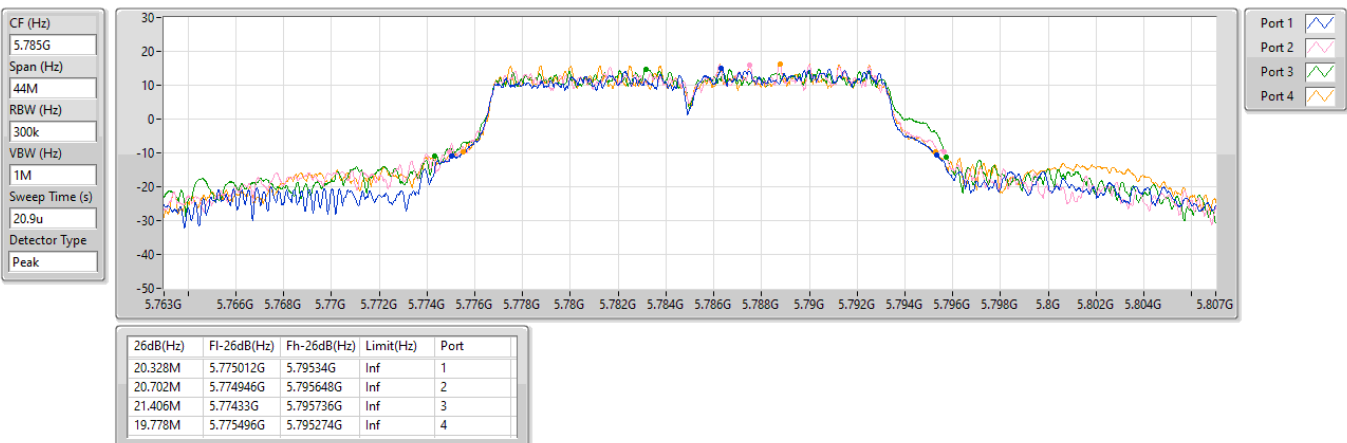


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

11/06/2024


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5785MHz

11/06/2024

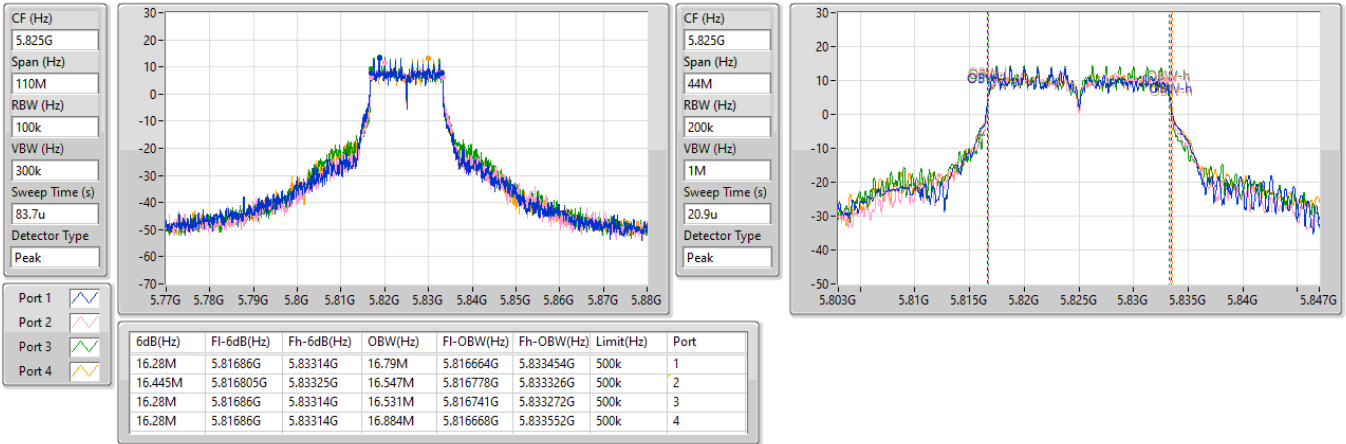


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

11/06/2024

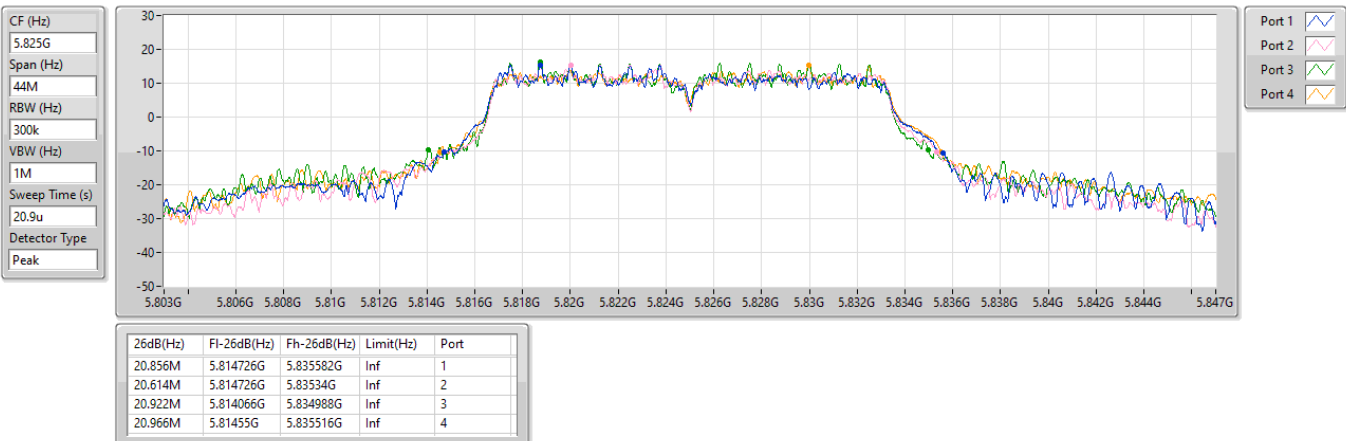


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

11/06/2024

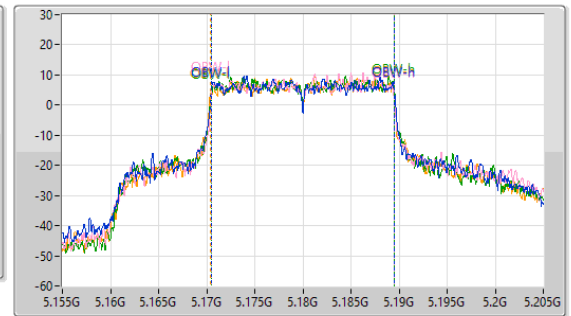
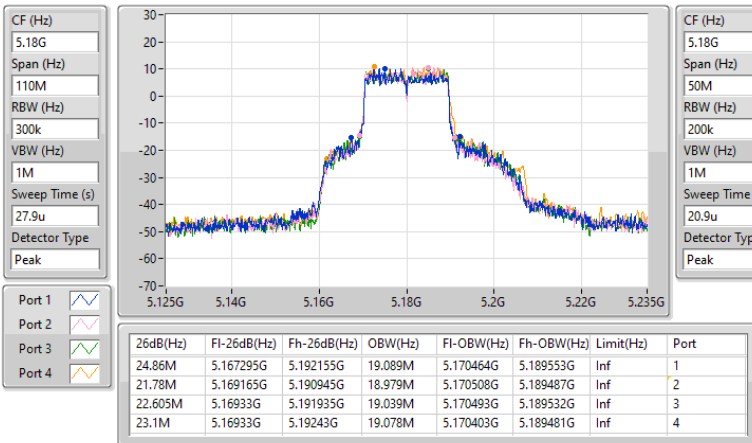


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

11/06/2024

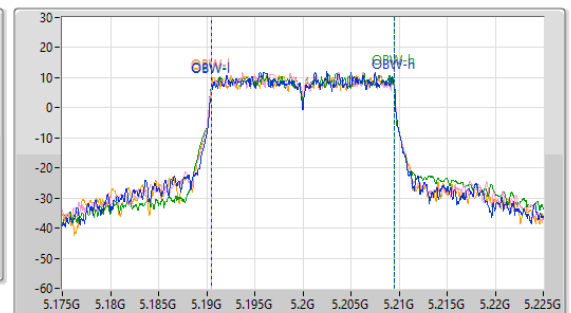
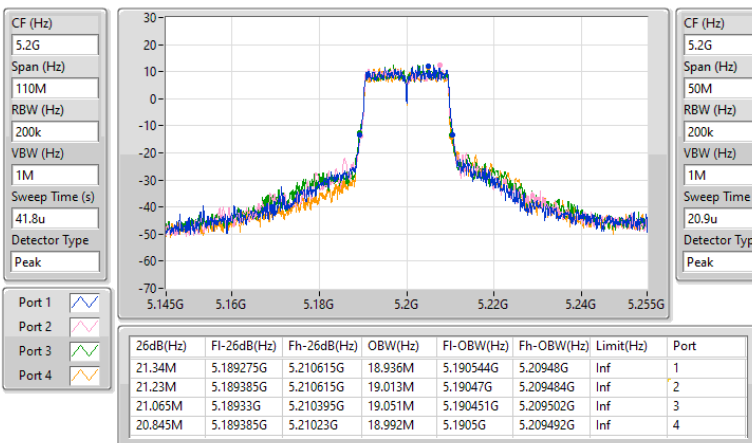


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

11/06/2024

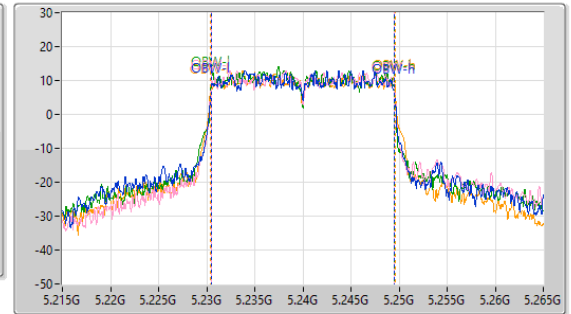
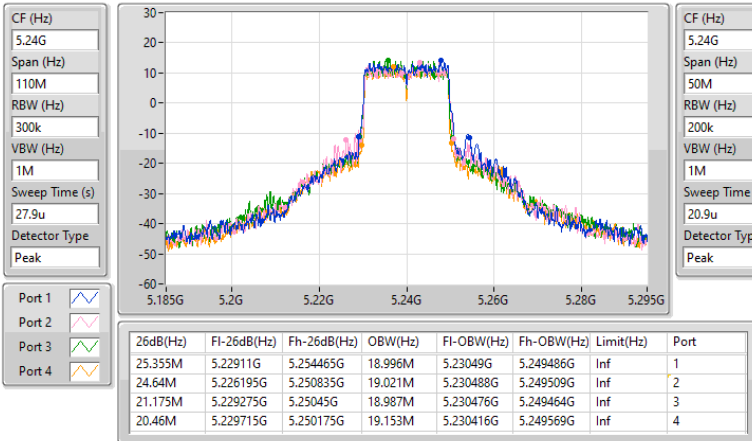


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

11/06/2024

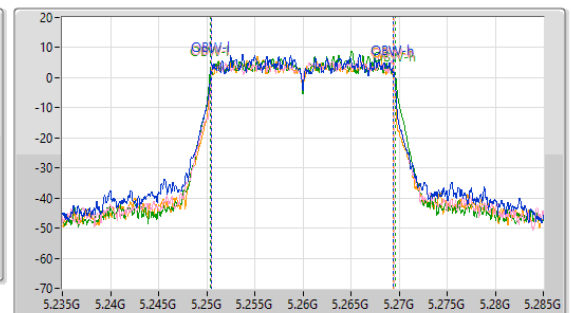
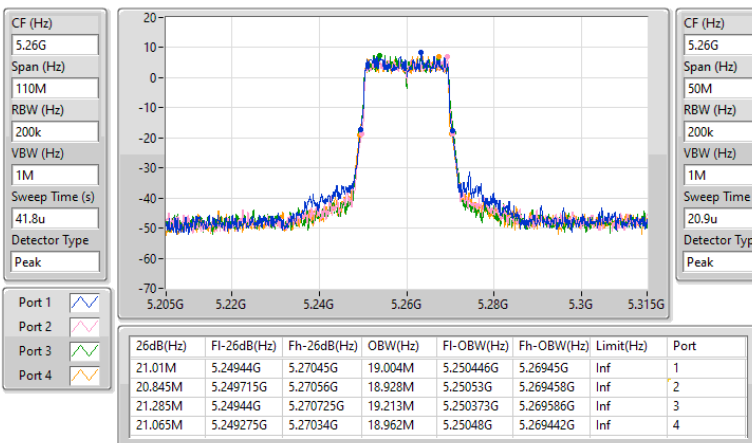


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5260MHz

11/06/2024

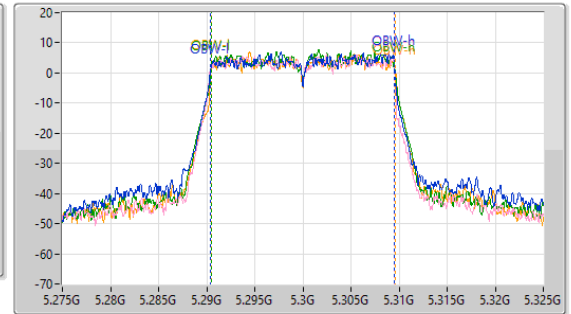
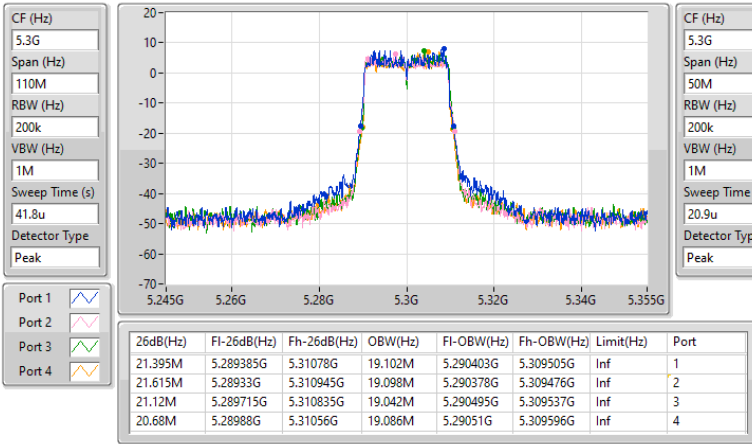


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5300MHz

11/06/2024

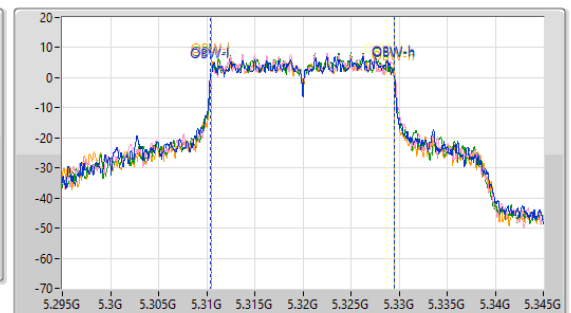
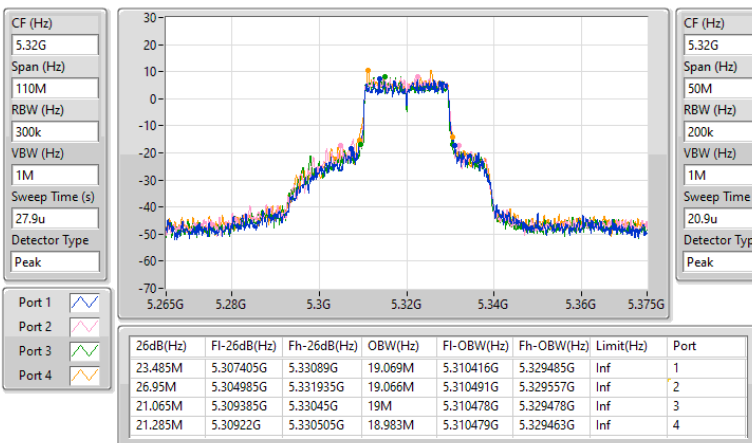


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5320MHz

11/06/2024

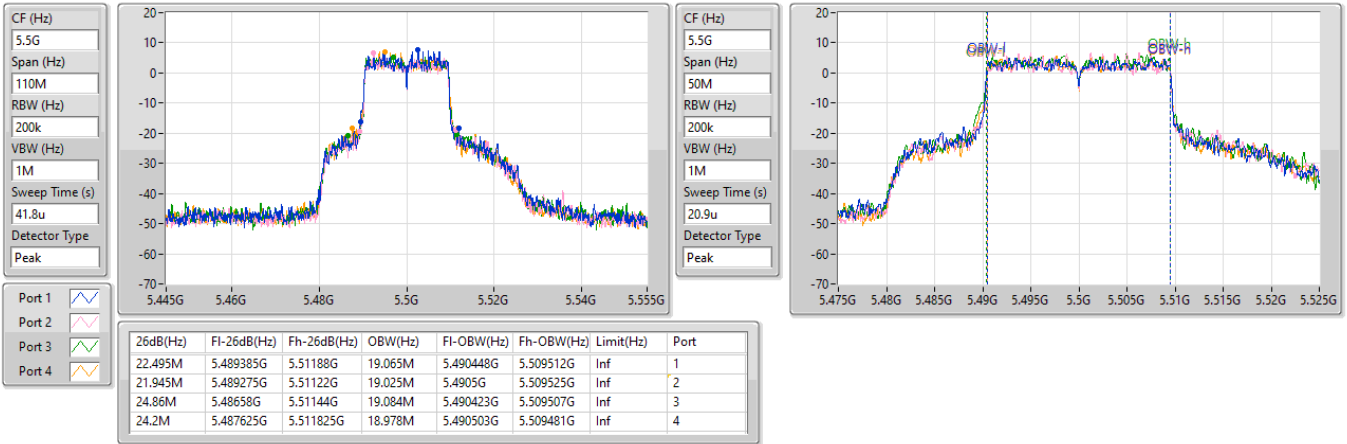


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5500MHz

11/06/2024

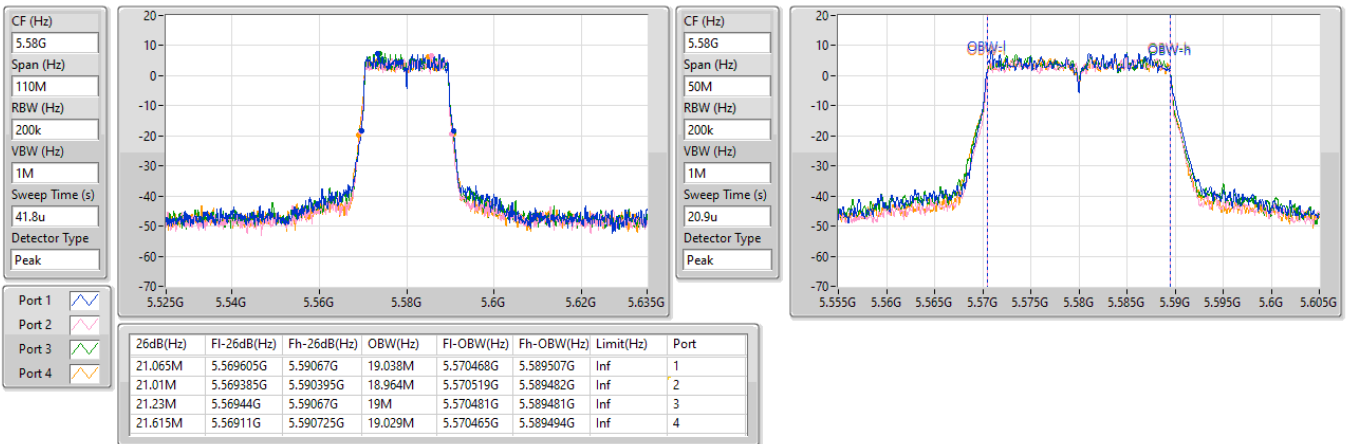


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

11/06/2024

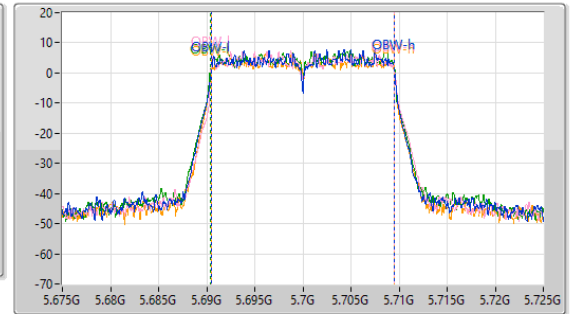
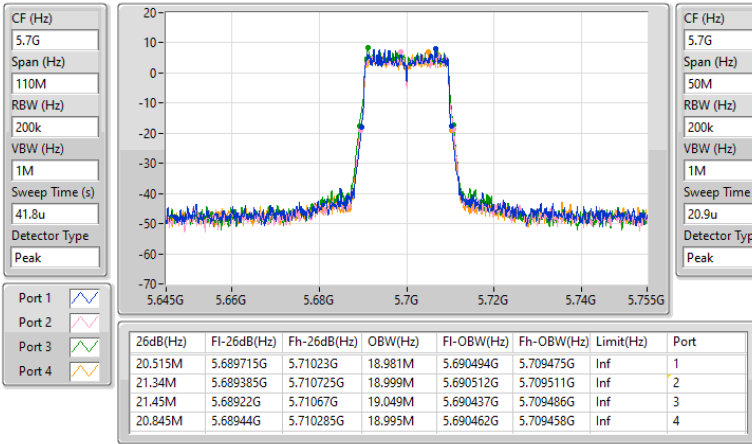


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5700MHz

11/06/2024

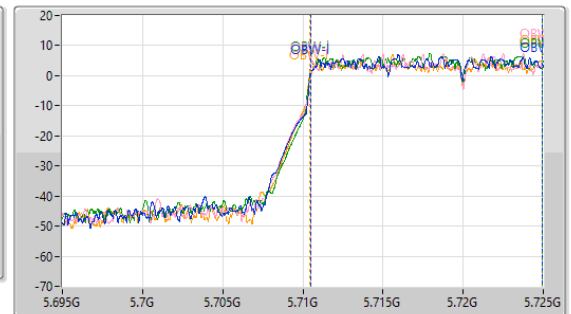
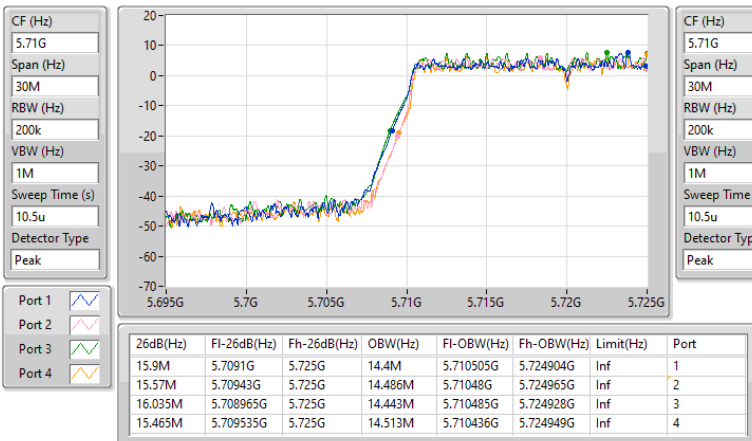


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.47-5.725GHz

11/06/2024

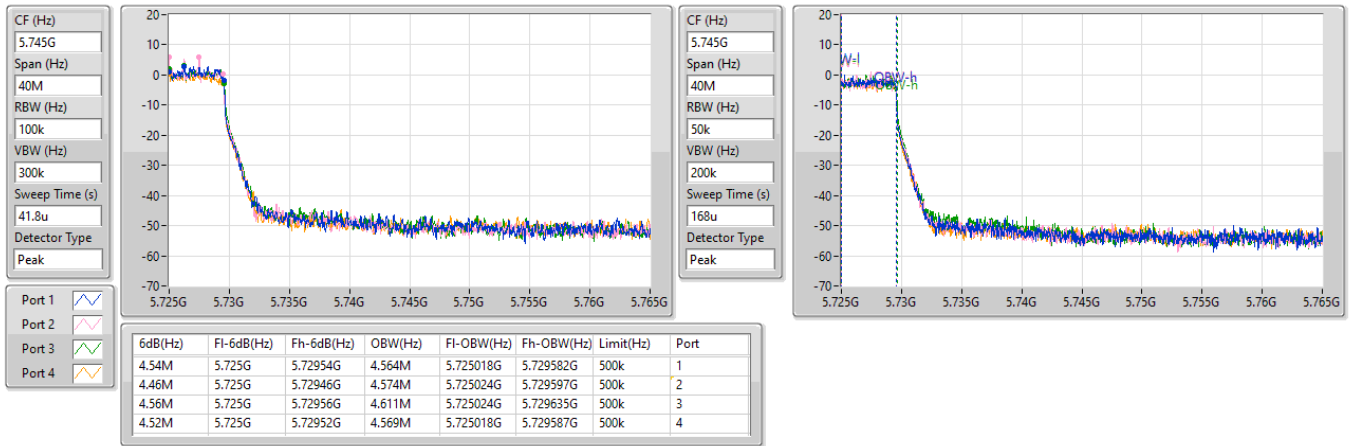


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

11/06/2024

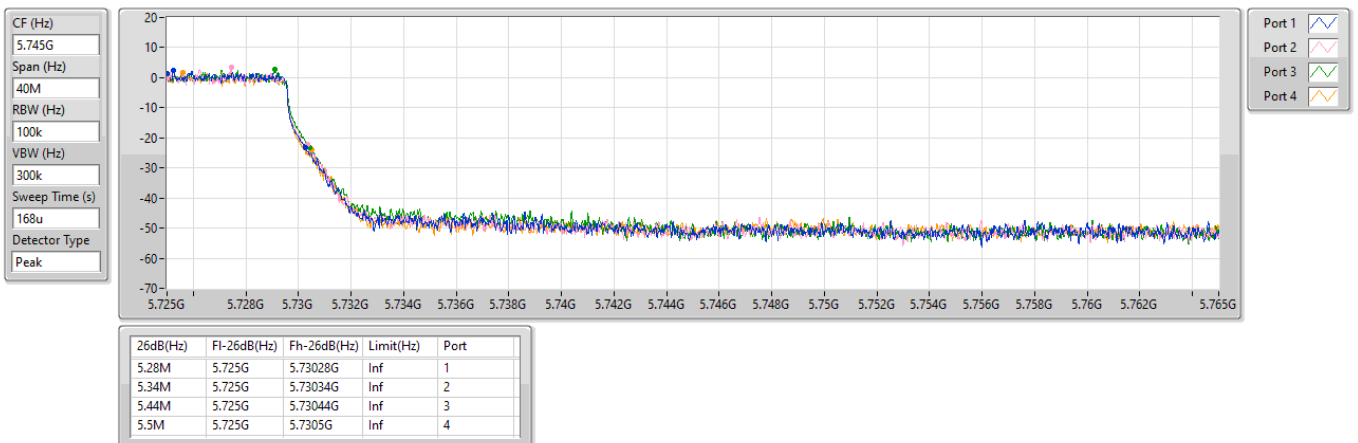


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

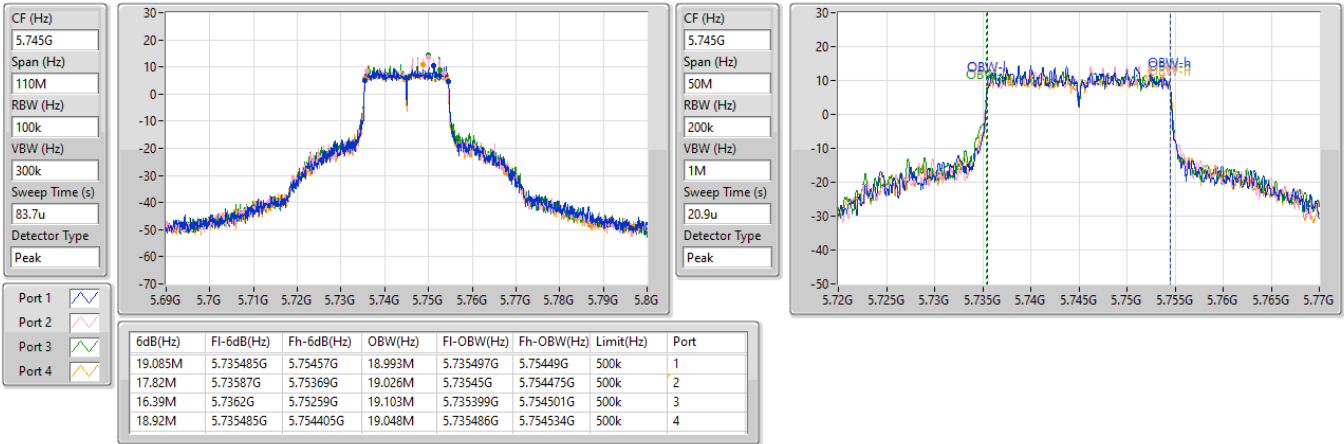
5720MHz Straddle 5.725-5.85GHz

11/06/2024



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5745MHz

11/06/2024


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5745MHz

11/06/2024

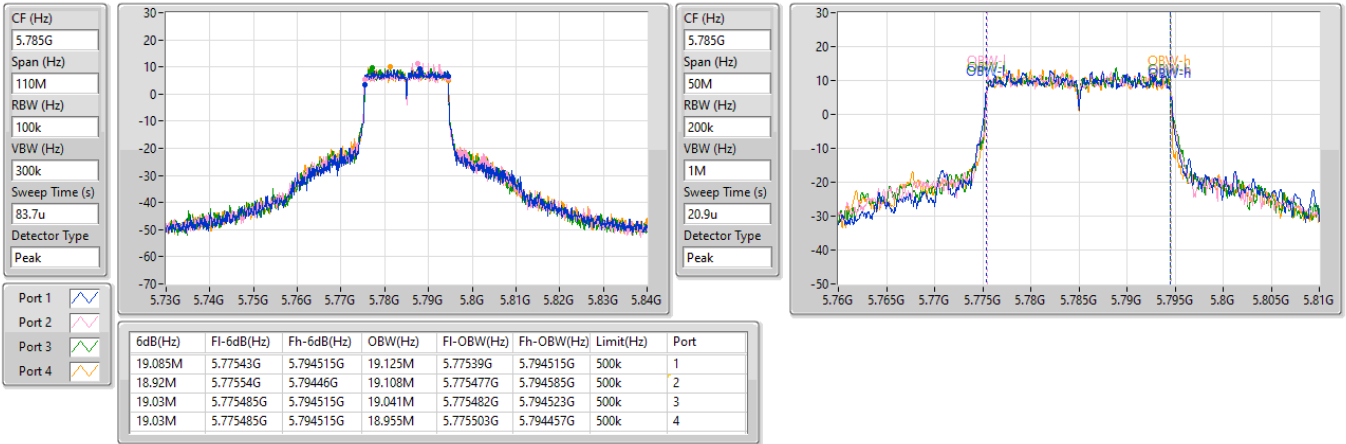


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

11/06/2024

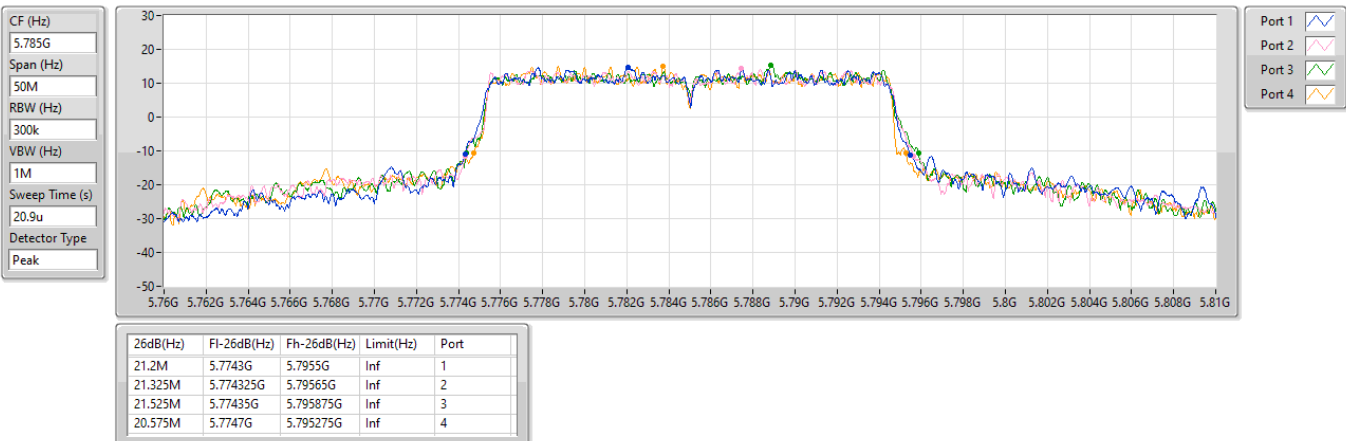


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

11/06/2024

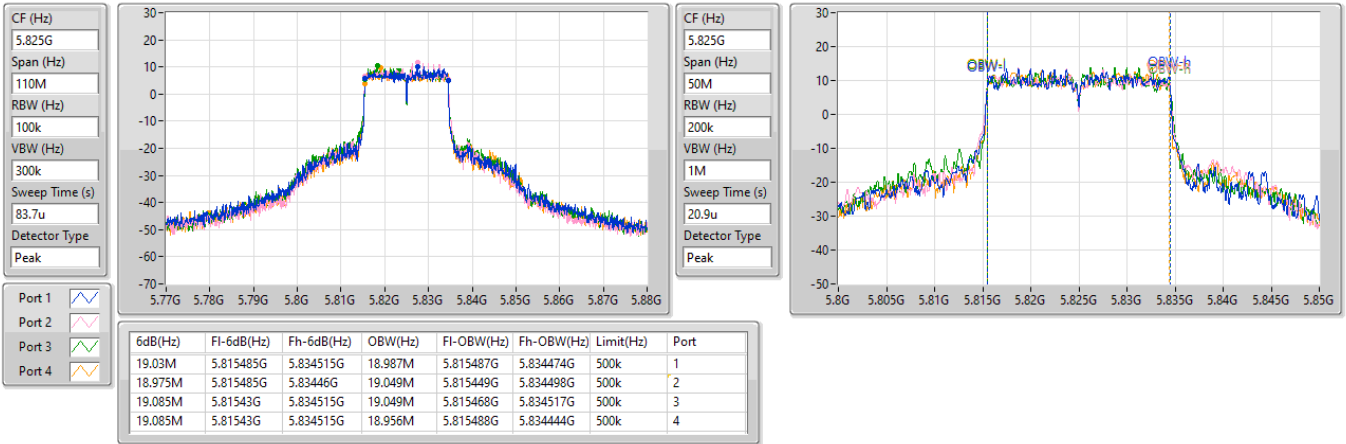


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

11/06/2024

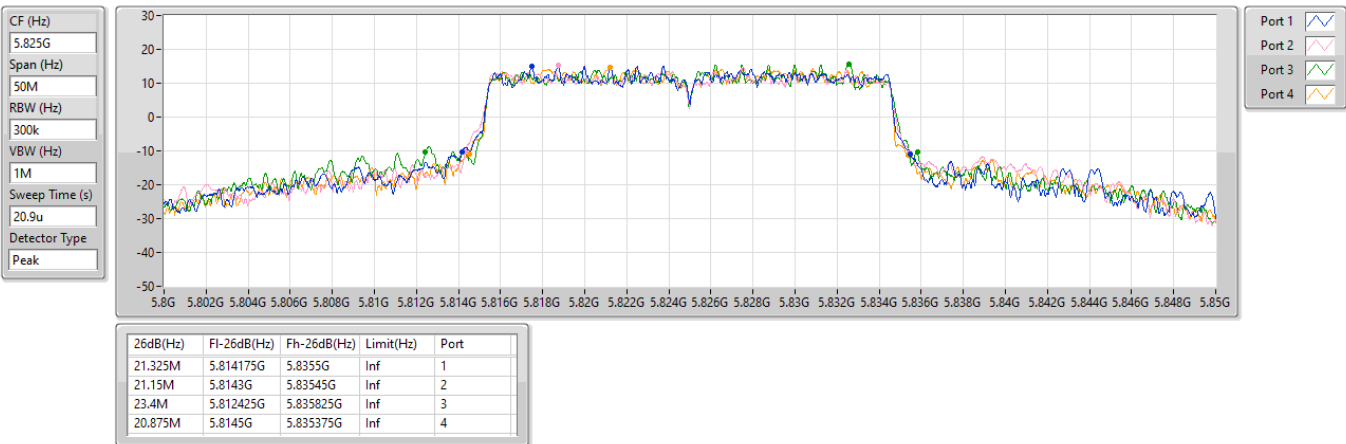


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

11/06/2024

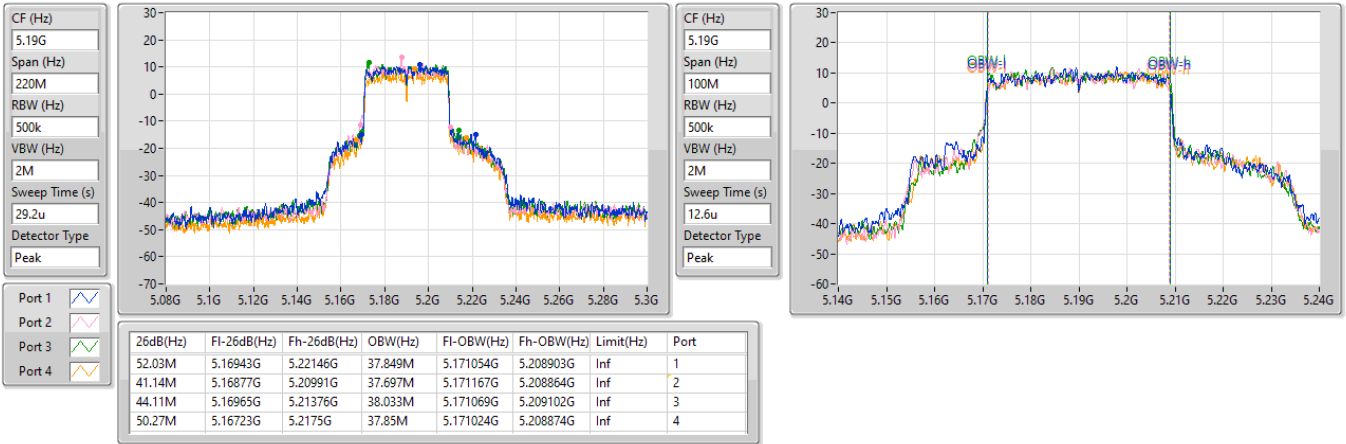


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

11/06/2024

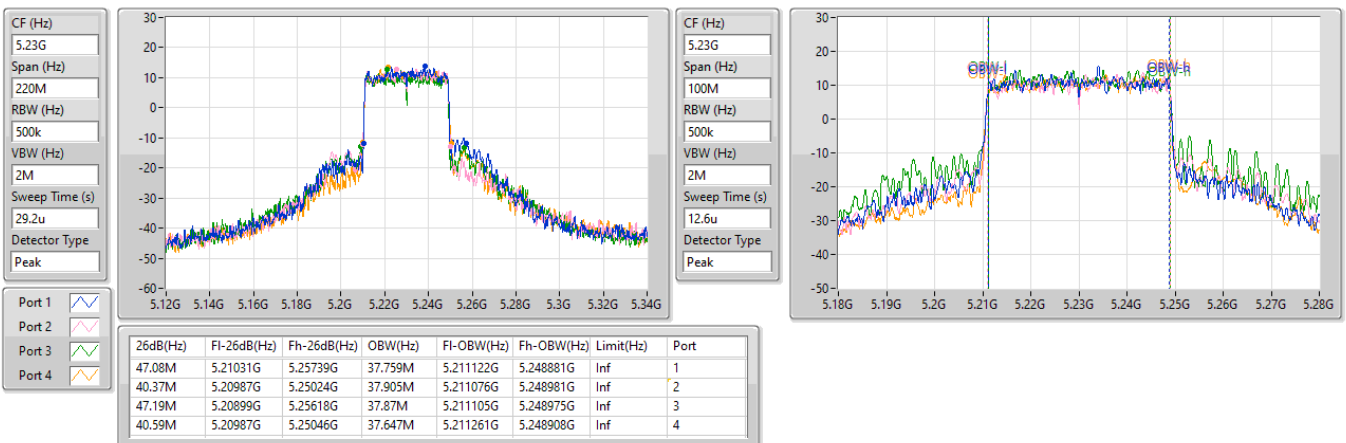


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

11/06/2024

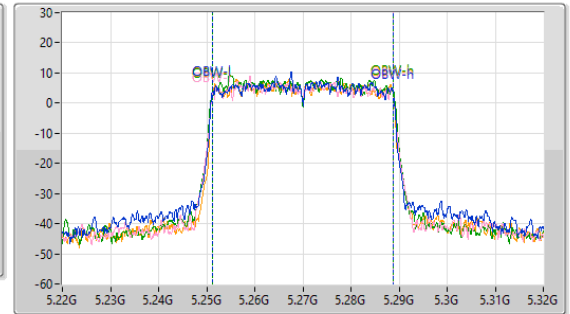
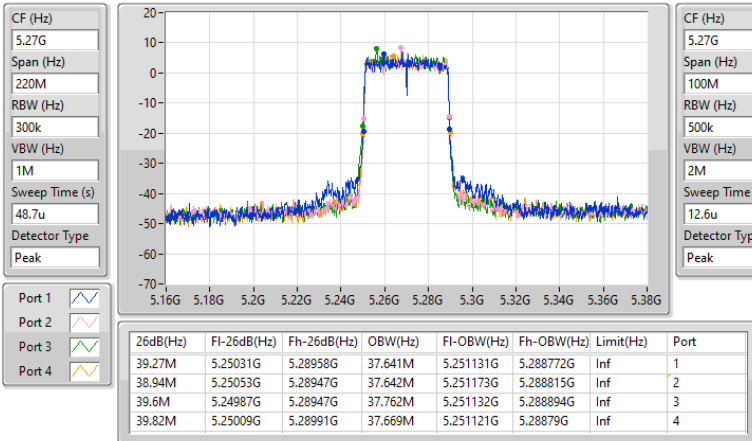


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5270MHz

11/06/2024

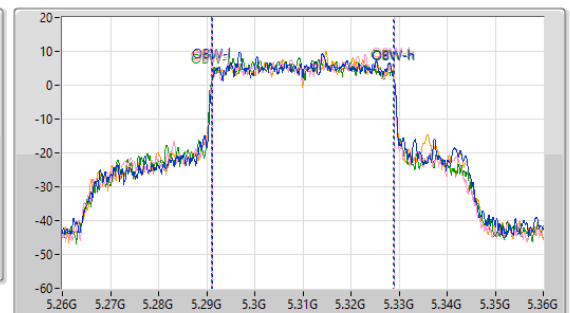
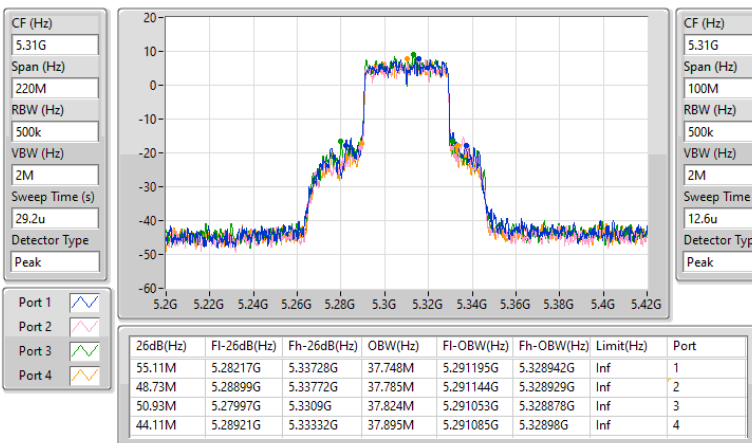


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5310MHz

11/06/2024

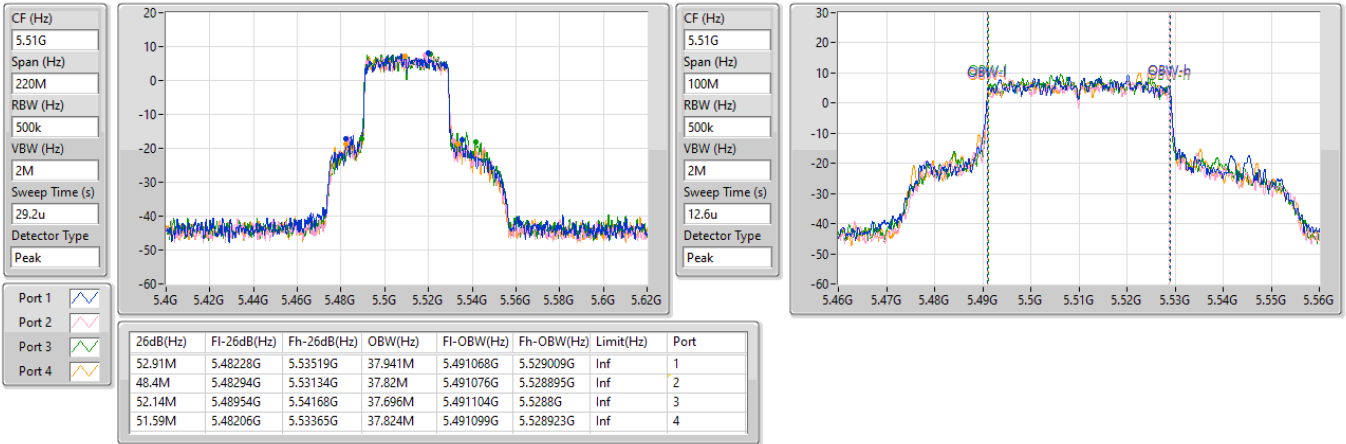


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

11/06/2024

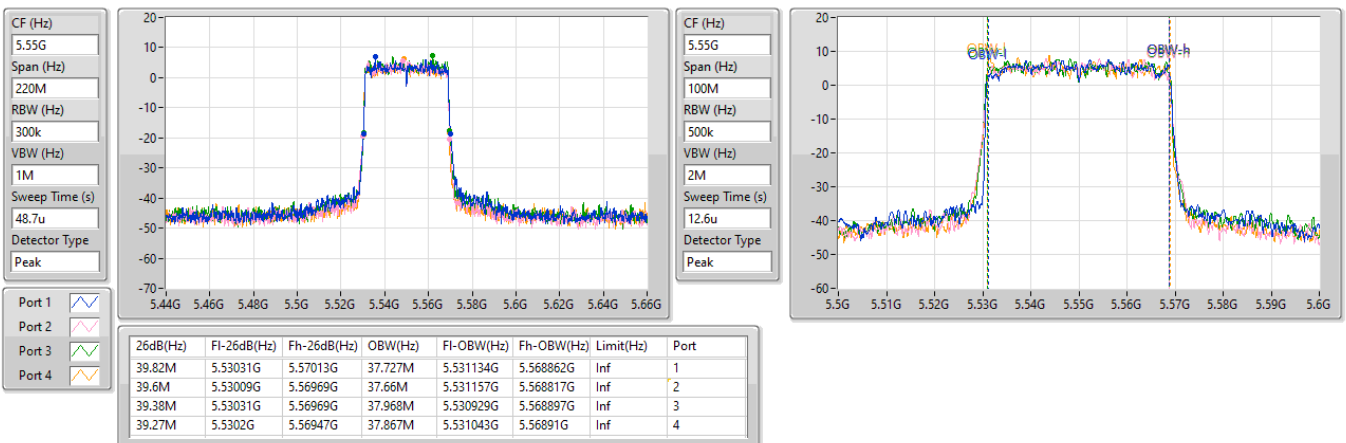


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5550MHz

11/06/2024

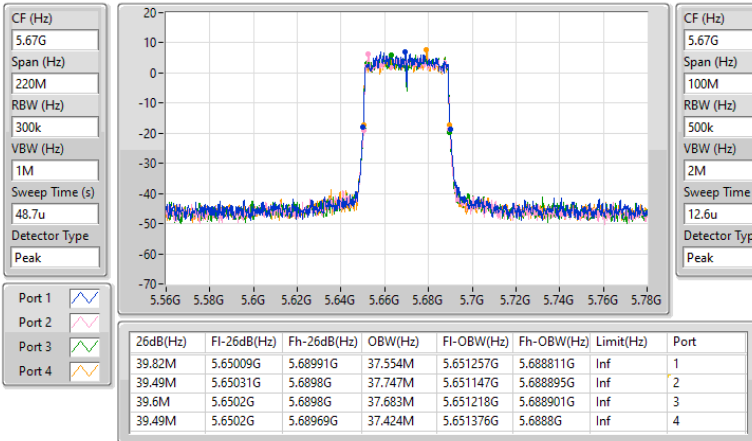


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5670MHz

11/06/2024

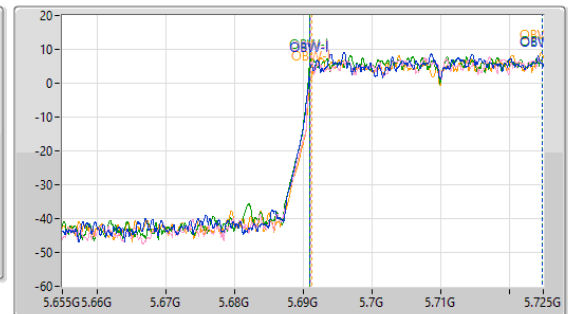
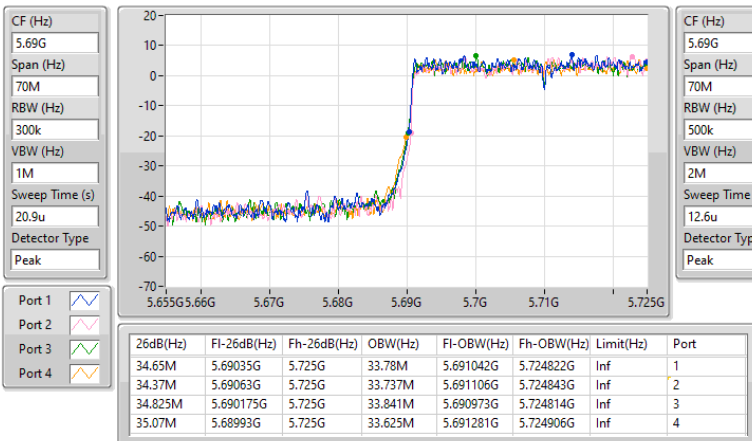


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

11/06/2024

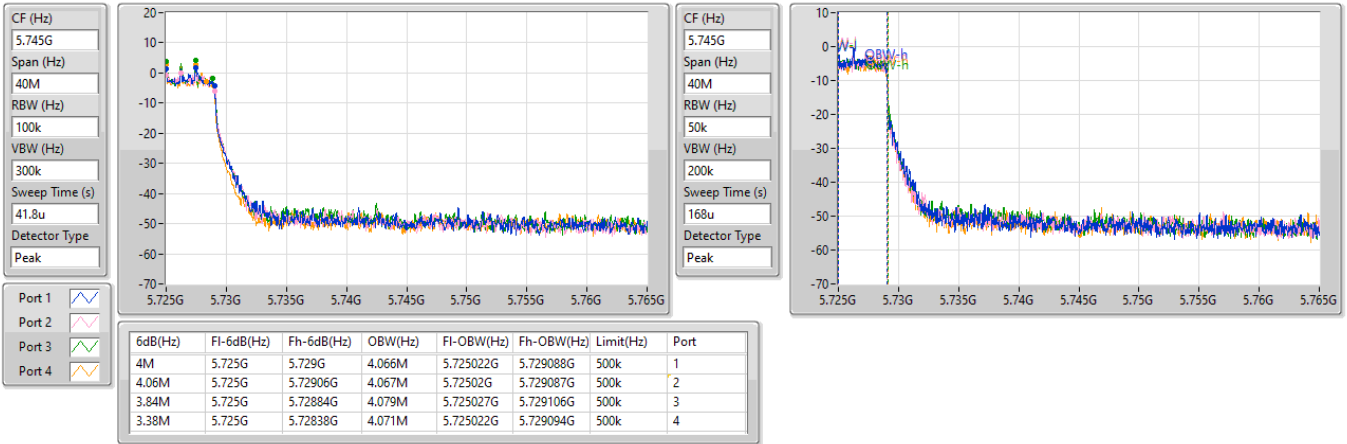


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

11/06/2024

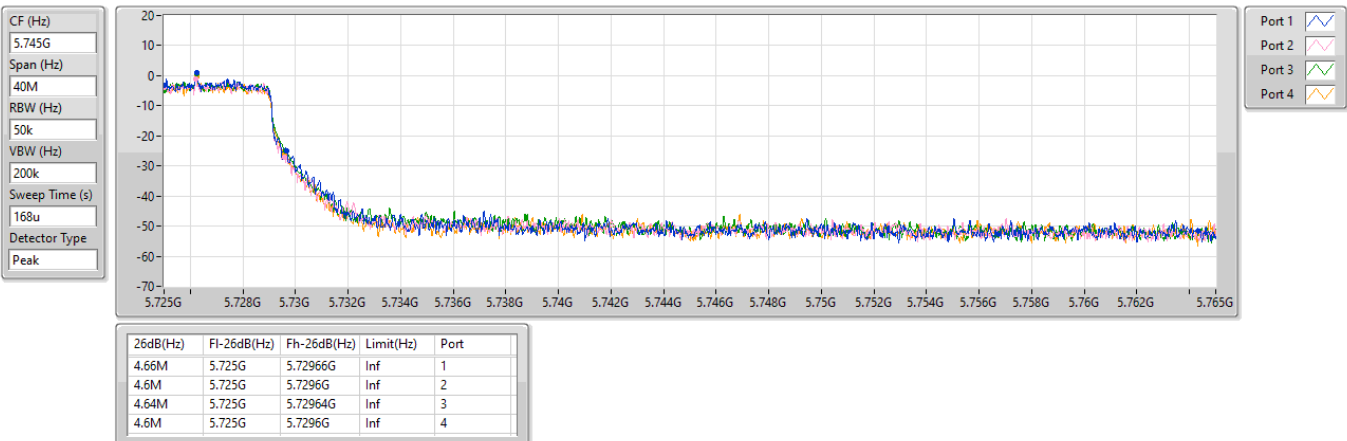


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

11/06/2024

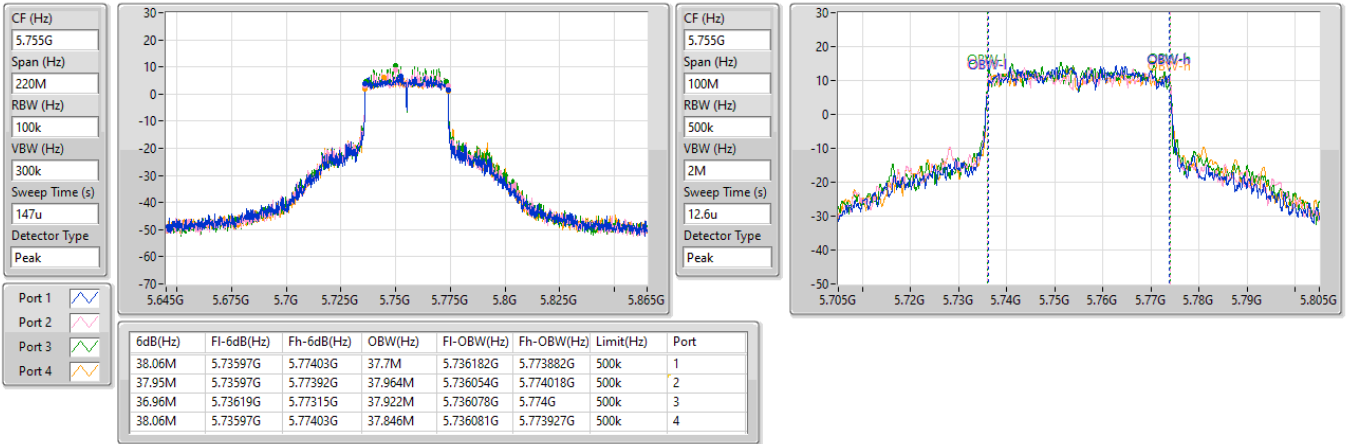


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

11/06/2024

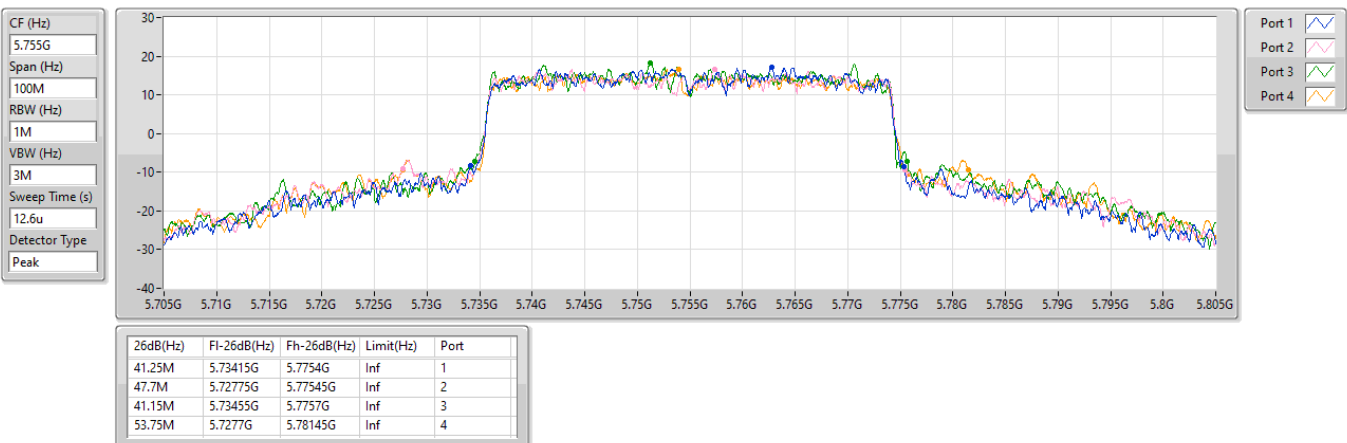


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

11/06/2024

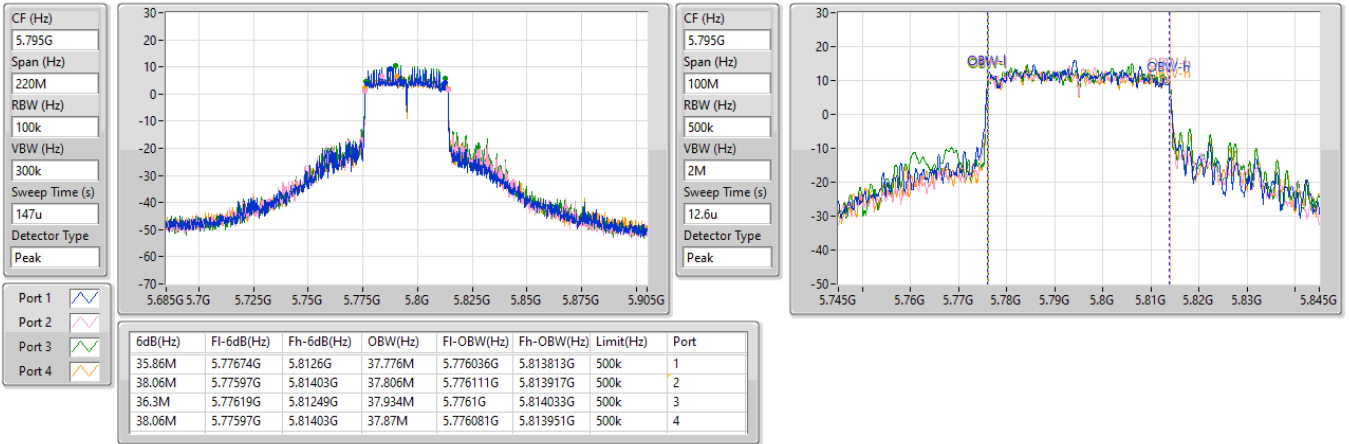


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

11/06/2024

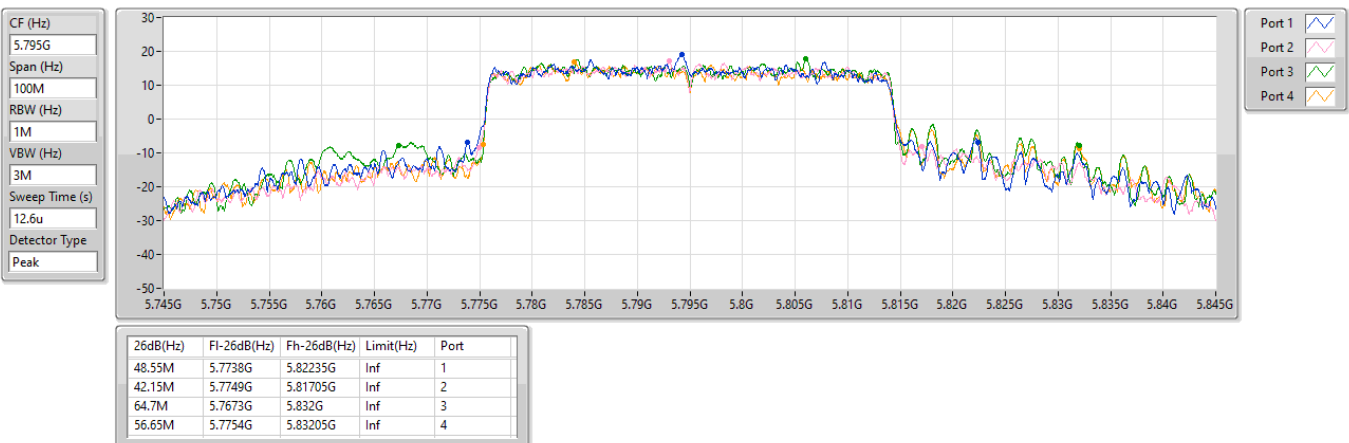


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

11/06/2024

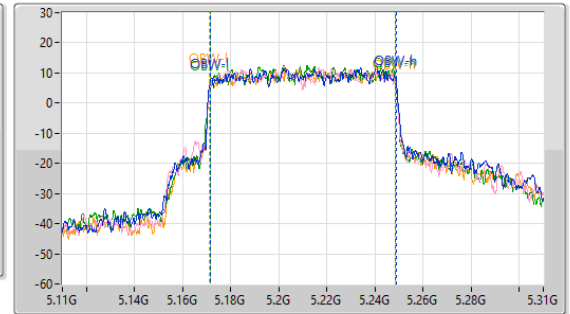
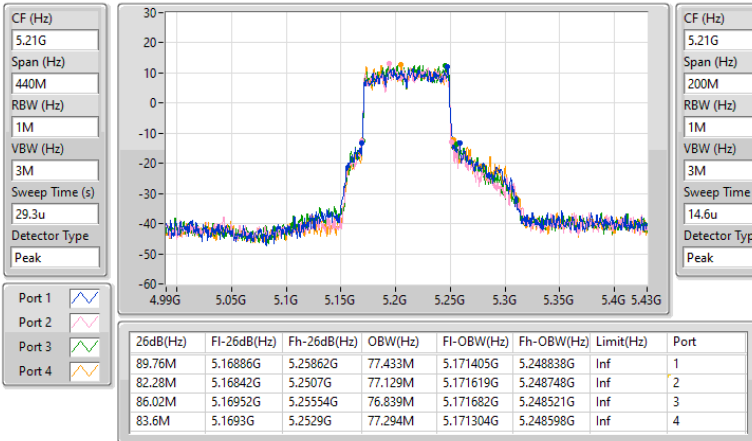


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

12/06/2024

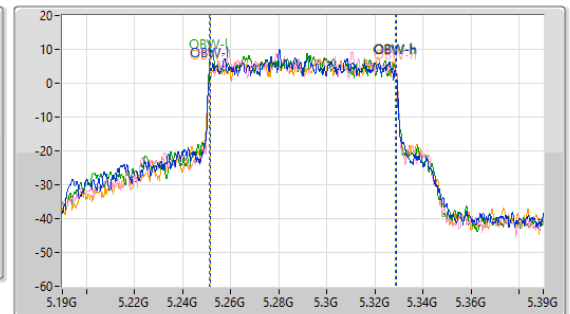
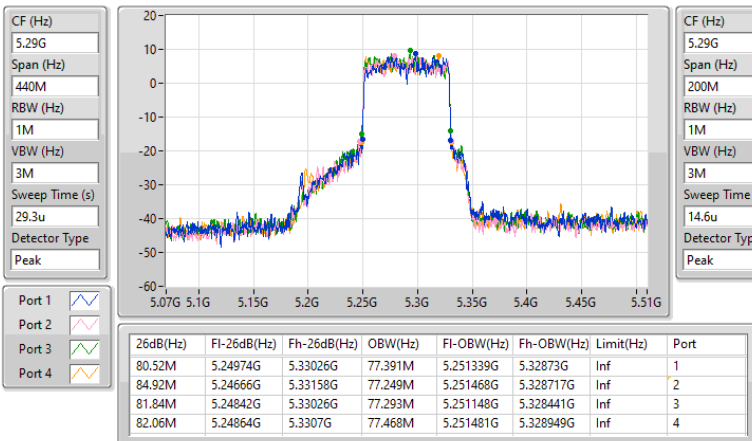


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5290MHz

12/06/2024

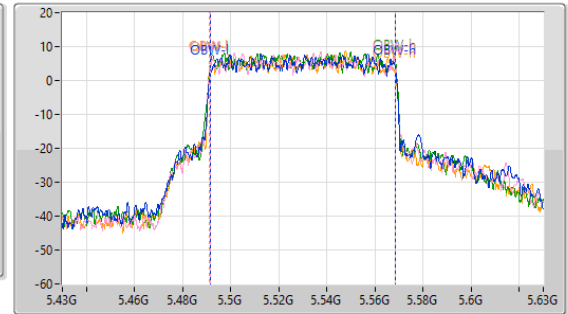
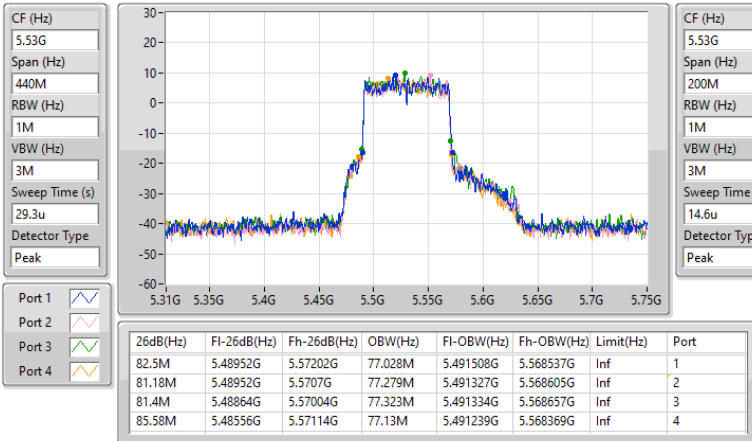


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

12/06/2024

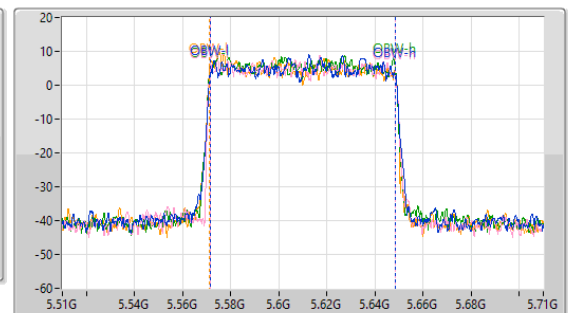
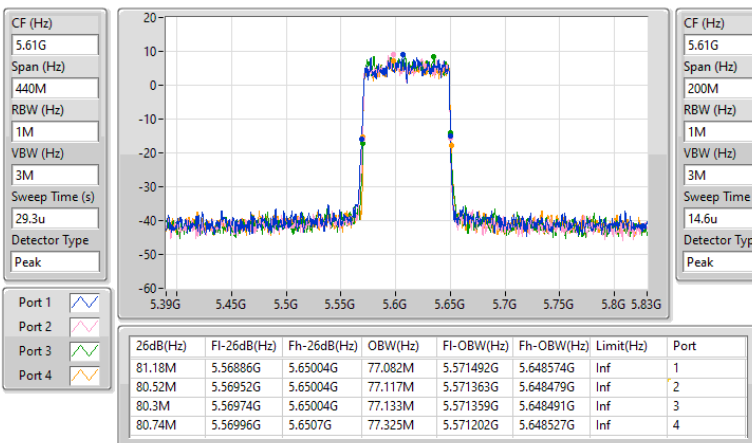


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5610MHz

12/06/2024

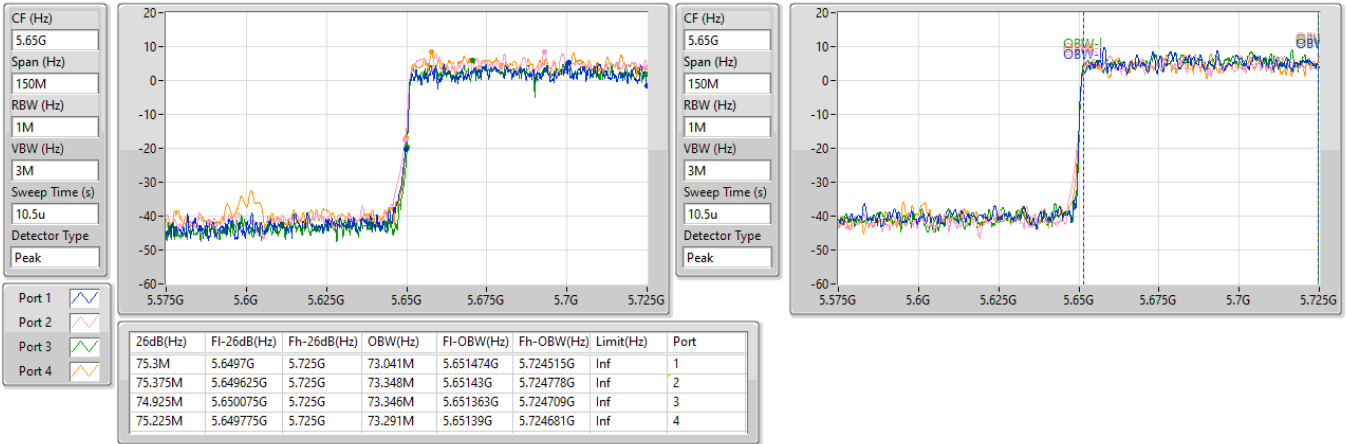


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.47-5.725GHz

12/06/2024

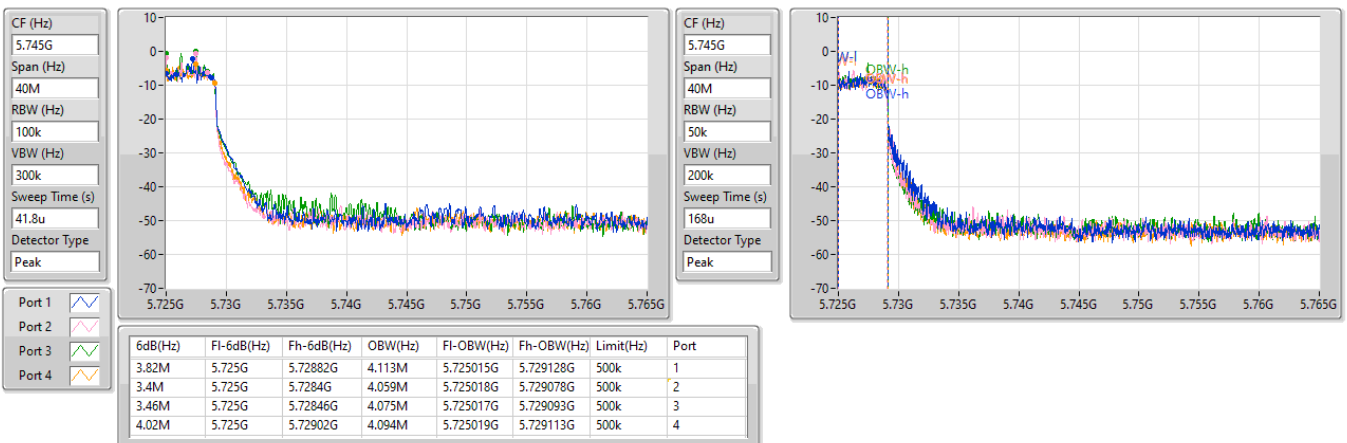


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

12/06/2024

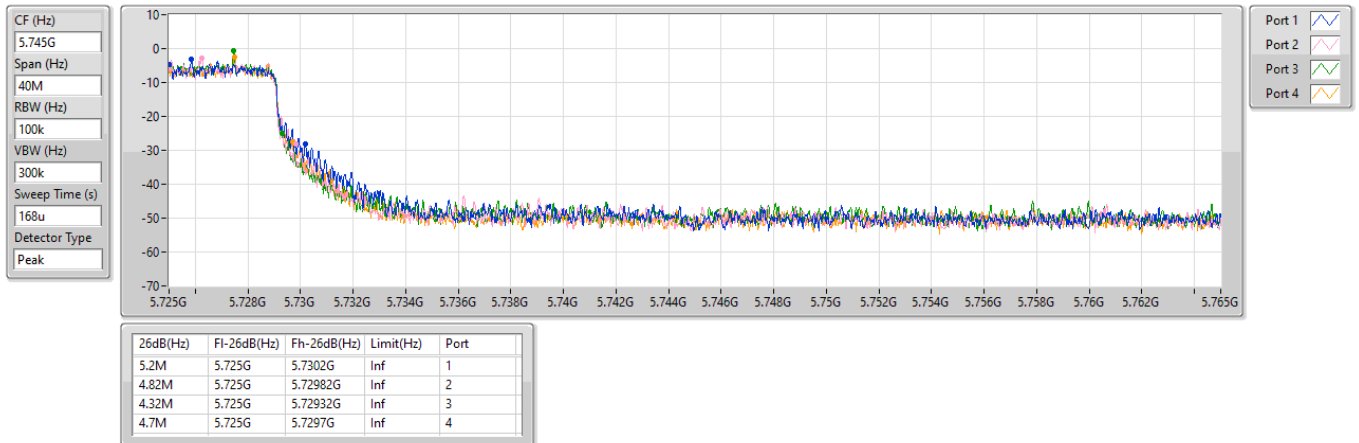


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

12/06/2024

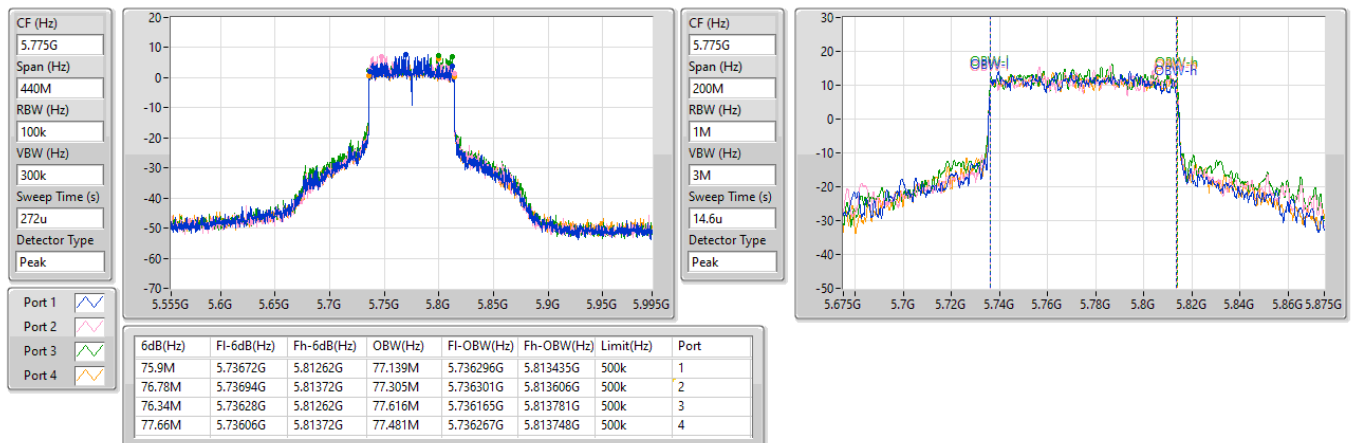


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

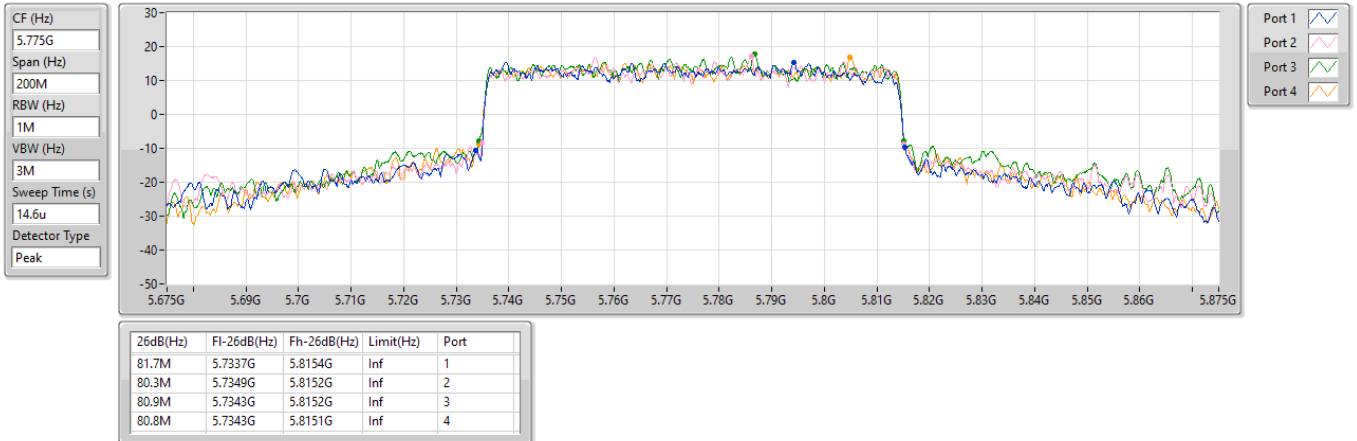
5775MHz

12/06/2024

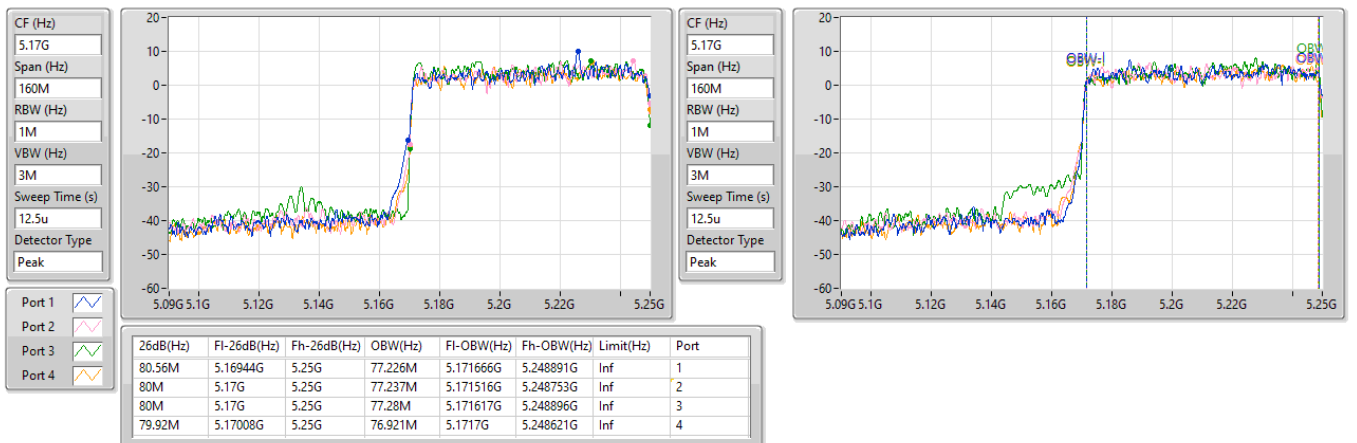


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX
EBW
5775MHz

12/06/2024


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

12/06/2024

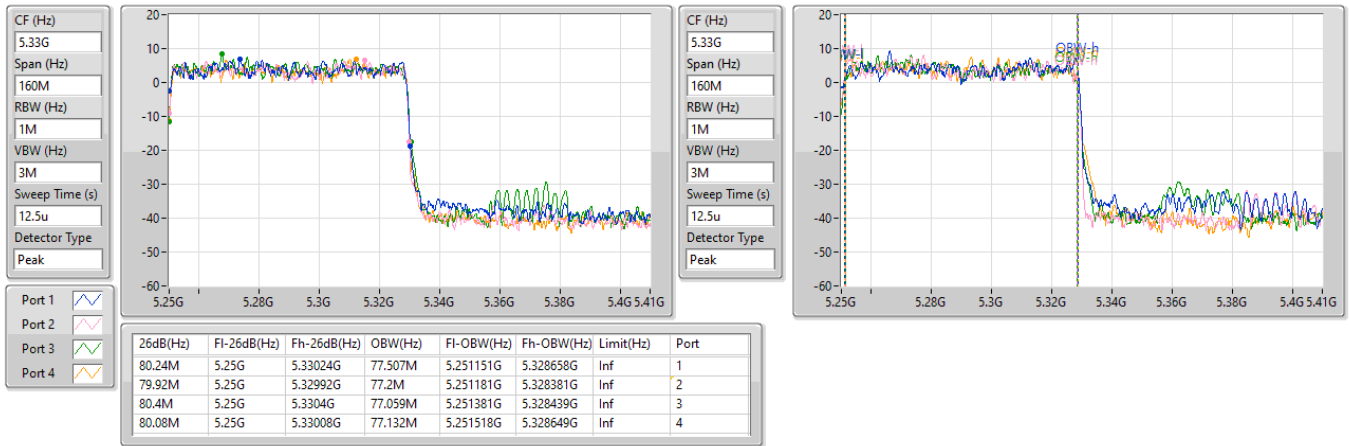


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

12/06/2024

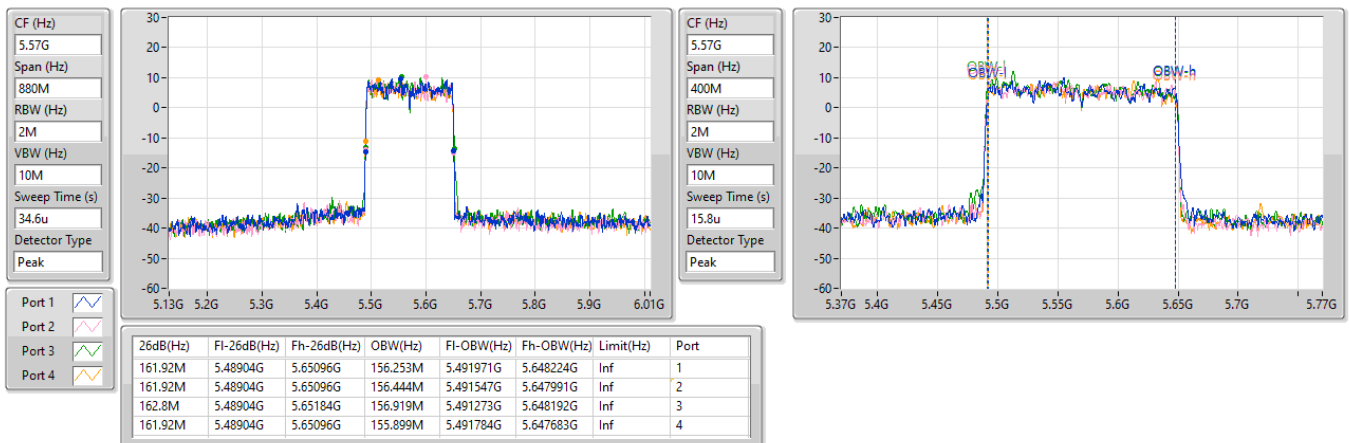


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

12/06/2024



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.82	0.76208
802.11be EHT20_Nss1,(MCS0)_4TX	29.94	0.98628
802.11be EHT20-BF_Nss1,(MCS0)_4TX	29.94	0.98628
802.11be EHT40_Nss1,(MCS0)_4TX	29.46	0.88308
802.11be EHT40-BF_Nss1,(MCS0)_4TX	29.46	0.88308
802.11be EHT80_Nss1,(MCS0)_4TX	27.78	0.59979
802.11be EHT80-BF_Nss1,(MCS0)_4TX	27.78	0.59979
802.11be EHT160_Nss1,(MCS0)_4TX	22.59	0.18155
802.11be EHT160-BF_Nss1,(MCS0)_4TX	22.59	0.18155
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.95	0.19724
802.11be EHT20_Nss1,(MCS0)_4TX	23.89	0.24491
802.11be EHT20-BF_Nss1,(MCS0)_4TX	23.89	0.24491
802.11be EHT40_Nss1,(MCS0)_4TX	23.89	0.24491
802.11be EHT40-BF_Nss1,(MCS0)_4TX	23.89	0.24491
802.11be EHT80_Nss1,(MCS0)_4TX	23.83	0.24155
802.11be EHT80-BF_Nss1,(MCS0)_4TX	23.83	0.24155
802.11be EHT160_Nss1,(MCS0)_4TX	23.01	0.19999
802.11be EHT160-BF_Nss1,(MCS0)_4TX	23.01	0.19999
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.93	0.19634
802.11be EHT20_Nss1,(MCS0)_4TX	23.95	0.24831
802.11be EHT20-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11be EHT40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11be EHT40-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11be EHT80_Nss1,(MCS0)_4TX	23.90	0.24547
802.11be EHT80-BF_Nss1,(MCS0)_4TX	23.90	0.24547
802.11be EHT160_Nss1,(MCS0)_4TX	23.90	0.24547
802.11be EHT160-BF_Nss1,(MCS0)_4TX	23.90	0.24547
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.94	0.98628
802.11be EHT20_Nss1,(MCS0)_4TX	29.95	0.98855
802.11be EHT20-BF_Nss1,(MCS0)_4TX	29.95	0.98855
802.11be EHT40_Nss1,(MCS0)_4TX	29.80	0.95499
802.11be EHT40-BF_Nss1,(MCS0)_4TX	29.80	0.95499
802.11be EHT80_Nss1,(MCS0)_4TX	29.90	0.97724
802.11be EHT80-BF_Nss1,(MCS0)_4TX	29.90	0.97724

**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	3.42	20.62	20.99	20.89	20.53	26.78	30.00
5200MHz	Pass	3.42	22.46	22.91	23.07	22.45	28.75	30.00
5240MHz	Pass	3.42	22.49	22.93	23.13	22.61	28.82	30.00
5260MHz	Pass	4.10	17.01	16.83	17.19	16.60	22.93	23.89
5300MHz	Pass	4.10	17.00	16.87	17.23	16.57	22.94	23.98
5320MHz	Pass	4.10	17.09	16.90	17.14	16.57	22.95	23.98
5500MHz	Pass	4.60	16.83	16.71	17.14	16.59	22.84	23.98
5580MHz	Pass	4.60	16.84	16.74	17.15	16.50	22.83	23.98
5700MHz	Pass	4.60	17.06	16.79	17.38	16.35	22.93	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.60	16.78	16.64	16.89	16.15	22.64	22.83
5720MHz Straddle 5.725-5.85GHz	Pass	4.37	11.03	10.69	11.02	10.66	16.87	30.00
5745MHz	Pass	4.37	23.92	23.98	24.07	23.69	29.94	30.00
5785MHz	Pass	4.37	23.71	23.86	24.31	23.68	29.92	30.00
5825MHz	Pass	4.37	23.11	23.32	23.61	23.25	29.35	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.42	20.12	20.30	20.35	19.89	26.19	30.00
5200MHz	Pass	3.42	22.40	22.62	22.81	22.10	28.51	30.00
5240MHz	Pass	3.42	23.71	23.97	24.29	23.66	29.94	30.00
5260MHz	Pass	4.10	17.99	17.67	18.20	17.57	23.89	23.98
5300MHz	Pass	4.10	17.86	17.50	18.04	17.43	23.74	23.98
5320MHz	Pass	4.10	17.93	17.70	18.03	17.46	23.81	23.98
5500MHz	Pass	4.60	17.08	16.52	17.21	16.61	22.89	23.98
5580MHz	Pass	4.60	17.91	17.70	18.16	17.70	23.89	23.98
5700MHz	Pass	4.60	18.08	17.67	18.42	17.49	23.95	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.60	17.02	16.72	17.07	16.44	22.84	22.89
5720MHz Straddle 5.725-5.85GHz	Pass	4.37	12.05	11.75	11.98	11.49	17.84	30.00
5745MHz	Pass	4.37	24.09	23.81	24.21	23.56	29.95	30.00
5785MHz	Pass	4.37	23.81	23.69	24.21	23.48	29.83	30.00
5825MHz	Pass	4.37	23.64	24.04	24.13	23.69	29.90	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.42	20.95	20.95	21.35	20.53	26.98	30.00
5230MHz	Pass	3.42	23.31	23.32	23.98	23.10	29.46	30.00
5270MHz	Pass	4.10	17.94	17.60	18.34	17.55	23.89	23.98
5310MHz	Pass	4.10	17.81	17.58	18.09	17.58	23.79	23.98
5510MHz	Pass	4.60	17.86	17.50	18.15	17.47	23.77	23.98
5550MHz	Pass	4.60	17.94	17.65	18.26	17.51	23.87	23.98
5670MHz	Pass	4.60	17.98	17.51	18.08	17.24	23.74	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.60	18.04	17.91	18.34	17.40	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.37	8.95	8.62	8.91	8.26	14.71	30.00
5755MHz	Pass	4.37	23.67	23.80	24.08	23.56	29.80	30.00
5795MHz	Pass	4.37	23.62	23.71	24.15	23.60	29.80	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.42	21.60	21.69	22.20	21.51	27.78	30.00
5290MHz	Pass	4.10	17.86	17.67	18.18	17.51	23.83	23.98
5530MHz	Pass	4.60	17.81	17.56	18.34	17.54	23.85	23.98
5610MHz	Pass	4.60	17.70	17.78	18.23	17.57	23.85	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.60	18.03	17.70	18.30	17.46	23.90	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.37	4.95	4.86	5.20	4.41	10.88	30.00
5775MHz	Pass	4.37	23.79	23.82	24.26	23.61	29.90	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.42	16.46	16.60	17.21	15.91	22.59	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.10	17.25	16.73	17.13	16.81	23.01	23.98
5570MHz	Pass	4.60	17.86	17.76	18.29	17.58	23.90	23.98
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-



Average Power

Appendix C

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5180MHz	Pass	3.55	20.12	20.30	20.35	19.89	26.19	30.00
5200MHz	Pass	3.55	22.40	22.62	22.81	22.10	28.51	30.00
5240MHz	Pass	3.55	23.71	23.97	24.29	23.66	29.94	30.00
5260MHz	Pass	4.37	17.99	17.67	18.20	17.57	23.89	23.98
5300MHz	Pass	4.37	17.86	17.50	18.04	17.43	23.74	23.98
5320MHz	Pass	4.37	17.93	17.70	18.03	17.46	23.81	23.98
5500MHz	Pass	5.13	17.08	16.52	17.21	16.61	22.89	23.98
5580MHz	Pass	5.13	17.91	17.70	18.16	17.70	23.89	23.98
5700MHz	Pass	5.13	18.08	17.67	18.42	17.49	23.95	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.13	17.02	16.72	17.07	16.44	22.84	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	4.90	12.05	11.75	11.98	11.49	17.84	30.00
5745MHz	Pass	4.90	24.09	23.81	24.21	23.56	29.95	30.00
5785MHz	Pass	4.90	23.81	23.69	24.21	23.48	29.83	30.00
5825MHz	Pass	4.90	23.64	24.04	24.13	23.69	29.90	30.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.55	20.95	20.95	21.35	20.53	26.98	30.00
5230MHz	Pass	3.55	23.31	23.32	23.98	23.10	29.46	30.00
5270MHz	Pass	4.37	17.94	17.60	18.34	17.55	23.89	23.98
5310MHz	Pass	4.37	17.81	17.58	18.09	17.58	23.79	23.98
5510MHz	Pass	5.13	17.86	17.50	18.15	17.47	23.77	23.98
5550MHz	Pass	5.13	17.94	17.65	18.26	17.51	23.87	23.98
5670MHz	Pass	5.13	17.98	17.51	18.08	17.24	23.74	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.13	18.04	17.91	18.34	17.40	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.90	8.95	8.62	8.91	8.26	14.71	30.00
5755MHz	Pass	4.90	23.67	23.80	24.08	23.56	29.80	30.00
5795MHz	Pass	4.90	23.62	23.71	24.15	23.60	29.80	30.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.55	21.60	21.69	22.20	21.51	27.78	30.00
5290MHz	Pass	4.37	17.86	17.67	18.18	17.51	23.83	23.98
5530MHz	Pass	5.13	17.81	17.56	18.34	17.54	23.85	23.98
5610MHz	Pass	5.13	17.70	17.78	18.23	17.57	23.85	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.13	18.03	17.70	18.30	17.46	23.90	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.90	4.95	4.86	5.20	4.41	10.88	30.00
5775MHz	Pass	4.90	23.79	23.82	24.26	23.61	29.90	30.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.55	16.46	16.60	17.21	15.91	22.59	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	17.25	16.73	17.13	16.81	23.01	23.98
5570MHz	Pass	5.13	17.86	17.76	18.29	17.58	23.90	23.98

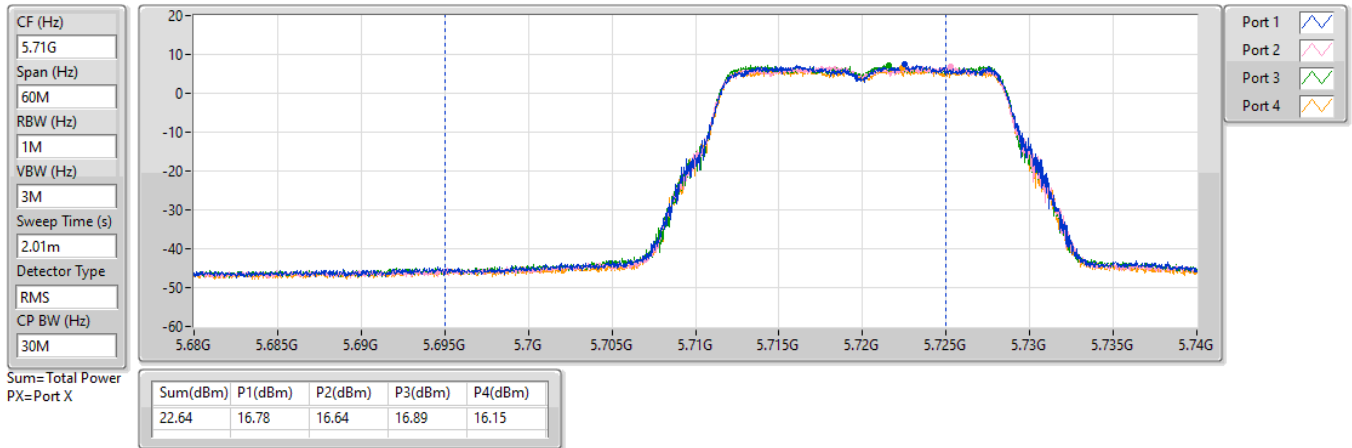
DG = Directional Gain; Port X = Port X output power

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

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

11/06/2024

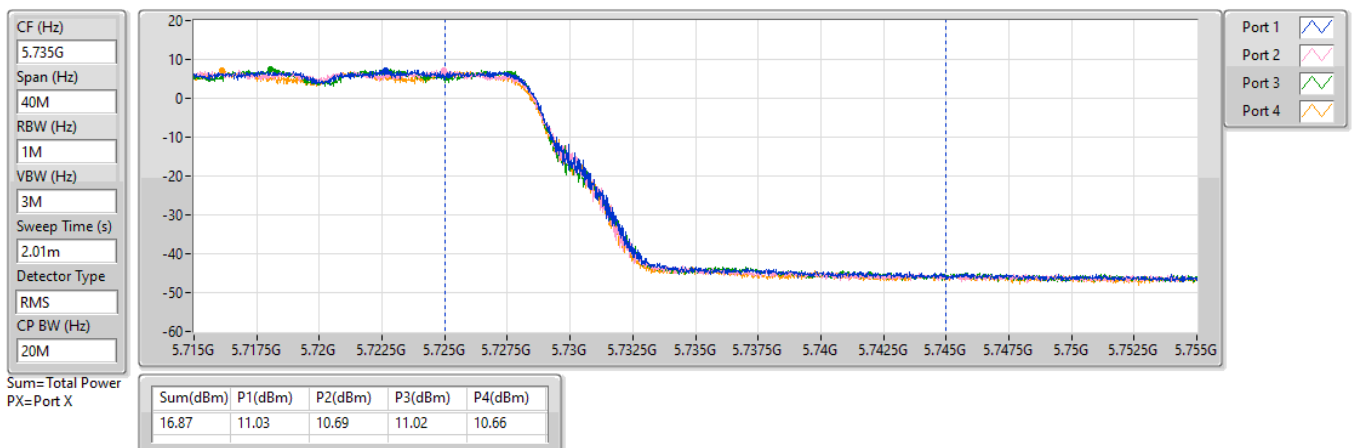


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

11/06/2024

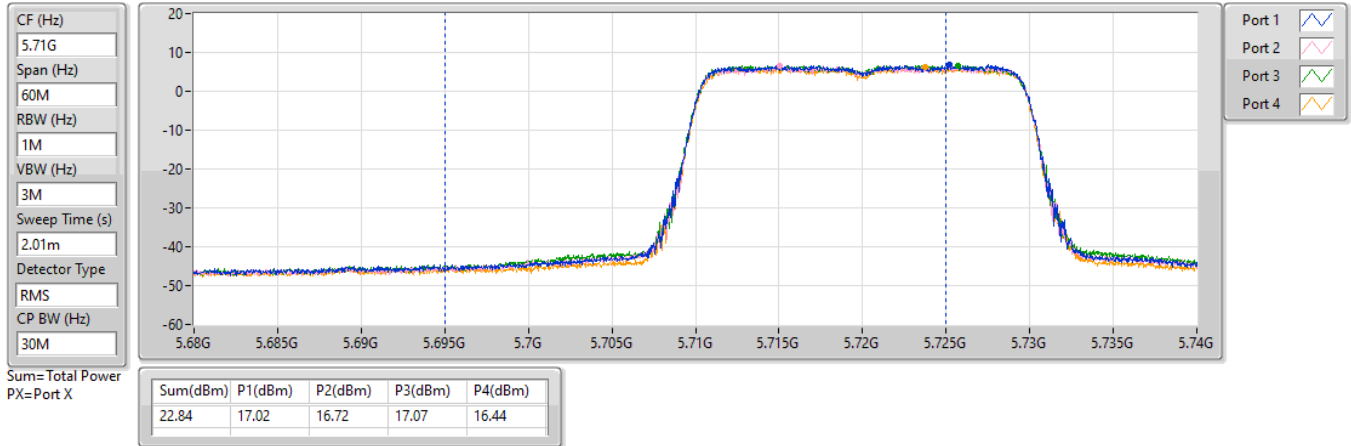


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

11/06/2024

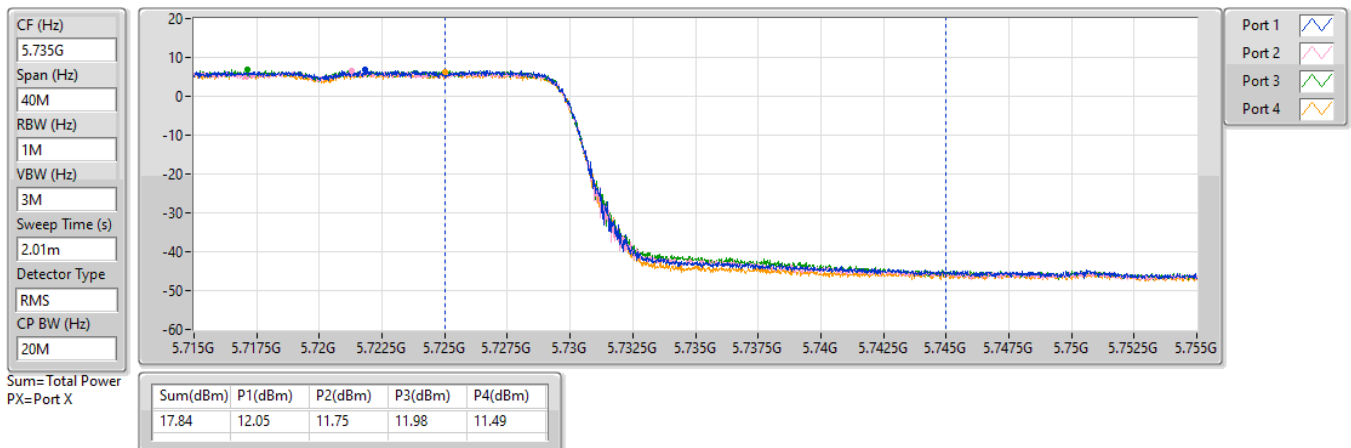


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

11/06/2024

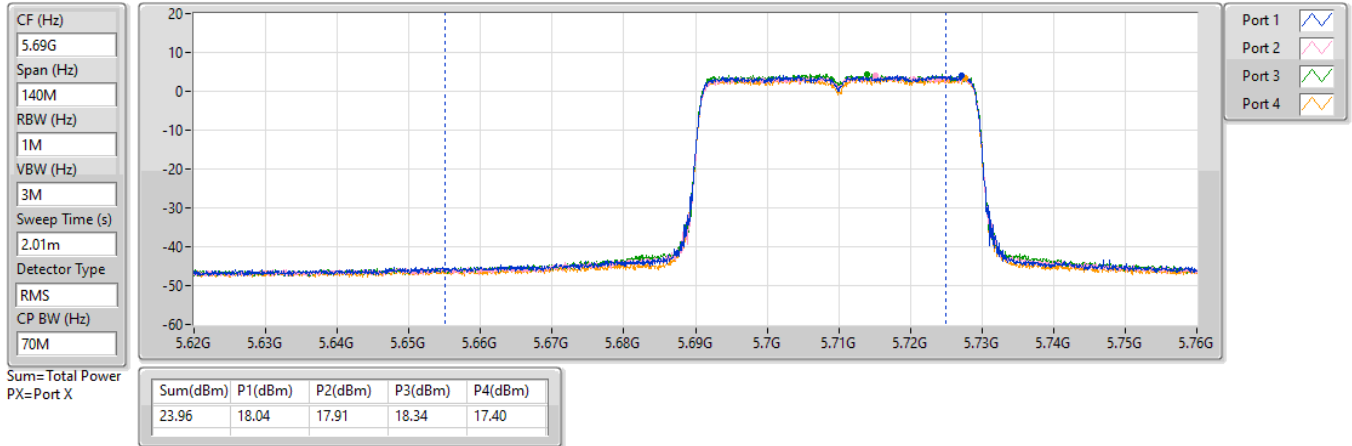


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

11/06/2024

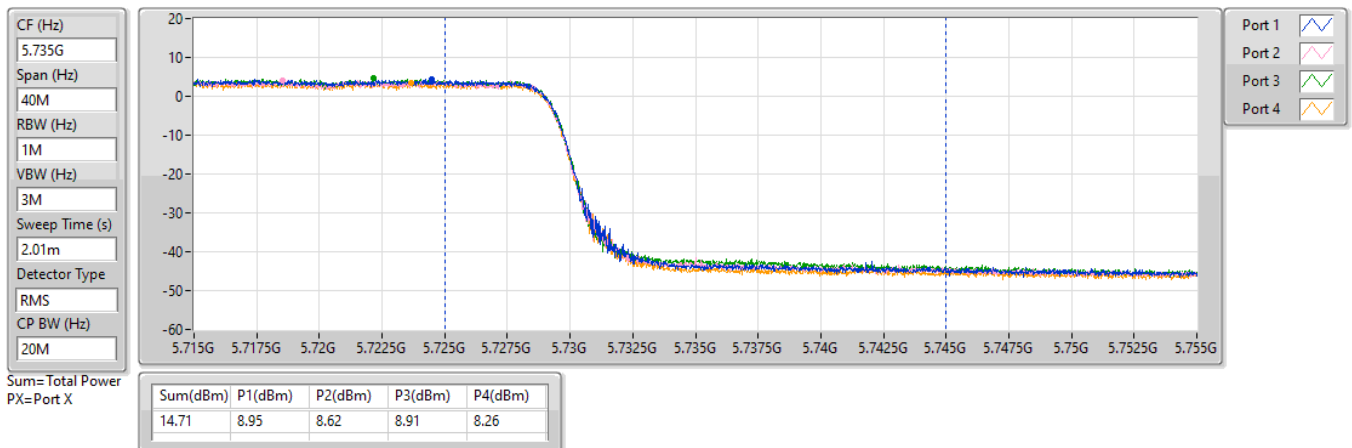


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

11/06/2024

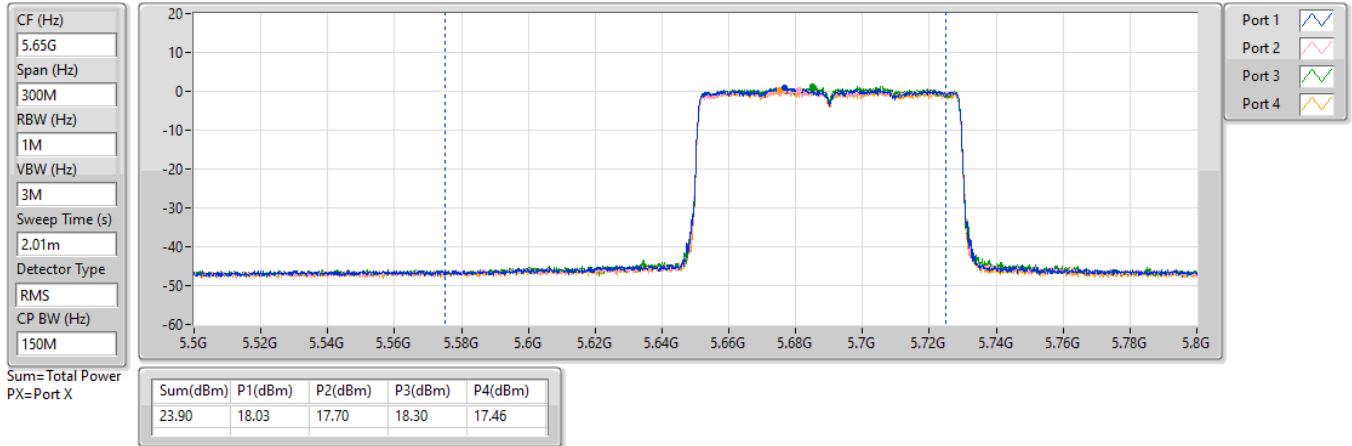


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

12/06/2024

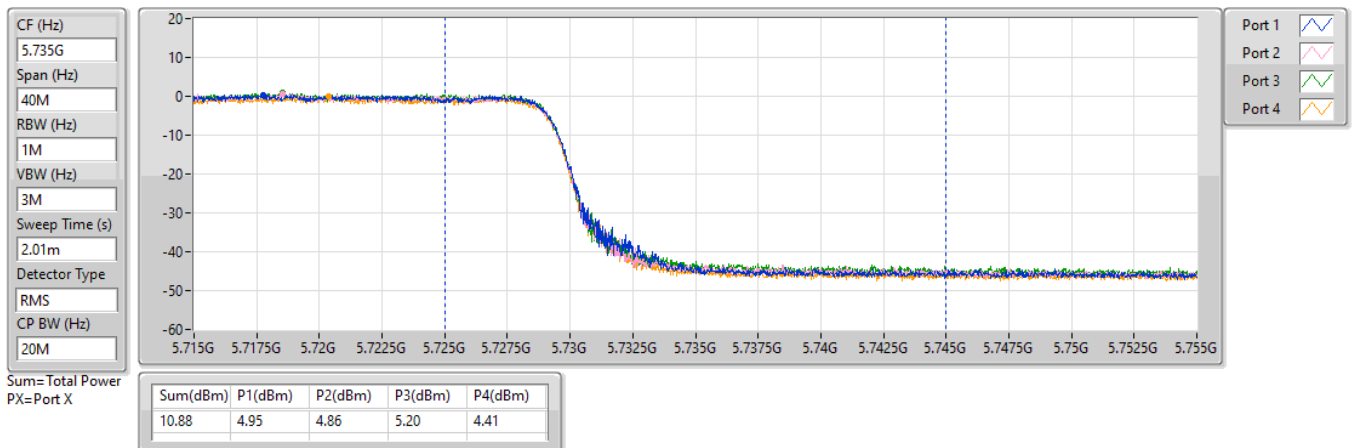


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

12/06/2024

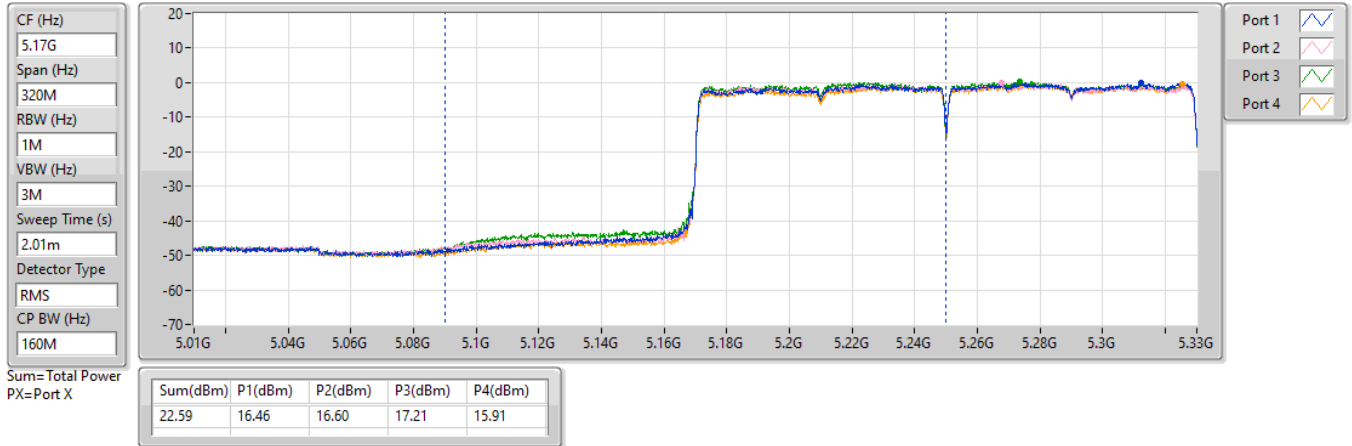


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

12/06/2024

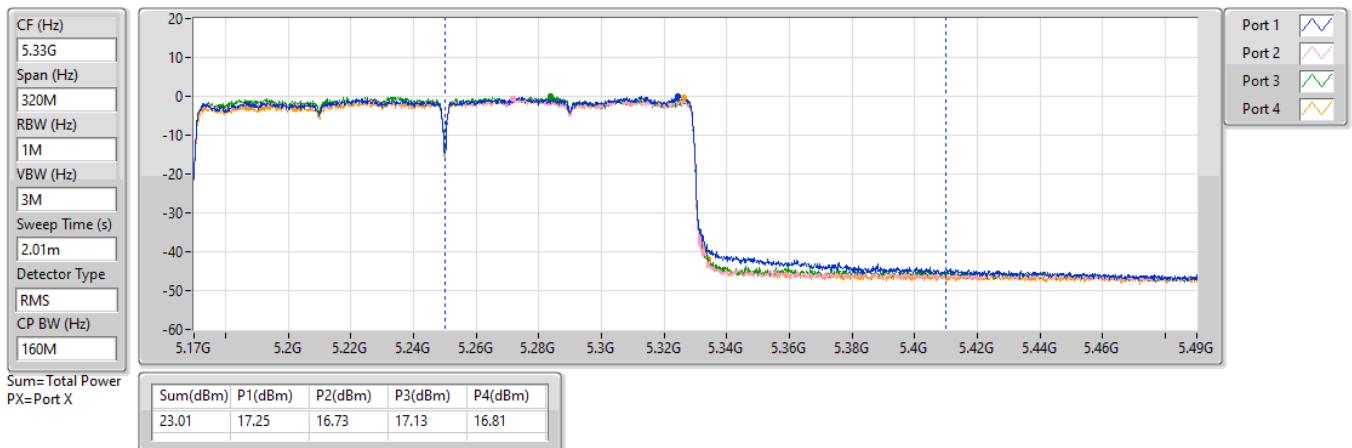


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

12/06/2024



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.85
802.11be EHT20_Nss1,(MCS0)_4TX	16.88
802.11be EHT40_Nss1,(MCS0)_4TX	13.49
802.11be EHT80_Nss1,(MCS0)_4TX	9.02
802.11be EHT160_Nss1,(MCS0)_4TX	3.46
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.94
802.11be EHT20_Nss1,(MCS0)_4TX	10.76
802.11be EHT40_Nss1,(MCS0)_4TX	7.81
802.11be EHT80_Nss1,(MCS0)_4TX	4.86
802.11be EHT160_Nss1,(MCS0)_4TX	3.75
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.93
802.11be EHT20_Nss1,(MCS0)_4TX	10.70
802.11be EHT40_Nss1,(MCS0)_4TX	7.93
802.11be EHT80_Nss1,(MCS0)_4TX	4.87
802.11be EHT160_Nss1,(MCS0)_4TX	2.41
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.80
802.11be EHT20_Nss1,(MCS0)_4TX	15.70
802.11be EHT40_Nss1,(MCS0)_4TX	12.64
802.11be EHT80_Nss1,(MCS0)_4TX	9.75

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	3.55	8.94	9.32	9.38	8.86	15.08	17.00
5200MHz	Pass	3.55	10.68	11.07	11.34	10.52	16.81	17.00
5240MHz	Pass	3.55	10.62	11.09	11.31	10.66	16.85	17.00
5260MHz	Pass	4.37	5.10	4.95	5.24	4.69	10.91	11.00
5300MHz	Pass	4.37	4.97	4.85	5.21	4.48	10.81	11.00
5320MHz	Pass	4.37	5.12	5.01	5.23	4.76	10.94	11.00
5500MHz	Pass	5.13	5.02	4.71	5.30	4.64	10.87	11.00
5580MHz	Pass	5.13	4.88	4.92	5.29	4.58	10.90	11.00
5700MHz	Pass	5.13	5.14	4.76	5.35	4.56	10.93	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.13	4.98	4.66	4.88	4.20	10.66	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.90	3.60	3.42	3.56	3.06	9.41	30.00
5745MHz	Pass	4.90	10.76	10.97	11.02	10.74	16.80	30.00
5785MHz	Pass	4.90	10.73	10.67	11.21	10.51	16.72	30.00
5825MHz	Pass	4.90	9.98	10.24	10.74	10.20	16.24	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.55	7.28	7.39	7.43	6.97	13.24	17.00
5200MHz	Pass	3.55	9.40	9.64	9.93	9.13	15.45	17.00
5240MHz	Pass	3.55	10.73	11.02	11.32	10.70	16.88	17.00
5260MHz	Pass	4.37	4.92	4.72	5.05	4.60	10.76	11.00
5300MHz	Pass	4.37	4.76	4.35	5.04	4.21	10.52	11.00
5320MHz	Pass	4.37	4.92	4.52	4.87	4.46	10.61	11.00
5500MHz	Pass	5.13	3.98	3.37	4.34	3.68	9.87	11.00
5580MHz	Pass	5.13	4.83	4.45	5.17	4.49	10.70	11.00
5700MHz	Pass	5.13	4.86	4.60	5.26	4.32	10.69	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.13	4.63	4.28	4.50	3.94	10.24	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.90	3.13	2.85	3.07	2.60	8.86	30.00
5745MHz	Pass	4.90	9.68	9.69	10.11	9.50	15.70	30.00
5785MHz	Pass	4.90	9.56	9.38	9.78	9.04	15.37	30.00
5825MHz	Pass	4.90	9.44	9.79	10.18	9.42	15.70	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.55	5.16	5.12	5.61	4.80	11.14	17.00
5230MHz	Pass	3.55	7.38	7.49	7.91	7.36	13.49	17.00
5270MHz	Pass	4.37	1.82	1.57	2.33	1.45	7.75	11.00
5310MHz	Pass	4.37	1.95	1.73	2.12	1.55	7.81	11.00
5510MHz	Pass	5.13	1.75	1.43	2.13	1.37	7.62	11.00
5550MHz	Pass	5.13	2.03	1.73	2.25	1.65	7.88	11.00
5670MHz	Pass	5.13	2.15	1.75	2.26	1.29	7.78	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.13	2.07	1.93	2.39	1.23	7.93	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.90	0.69	0.59	0.68	-0.10	6.46	30.00
5755MHz	Pass	4.90	6.52	6.67	6.86	6.23	12.58	30.00
5795MHz	Pass	4.90	6.55	6.58	7.01	6.44	12.64	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.55	2.87	2.86	3.50	2.89	9.02	17.00
5290MHz	Pass	4.37	-1.26	-1.28	-0.45	-1.47	4.86	11.00
5530MHz	Pass	5.13	-1.26	-1.23	-0.62	-1.34	4.87	11.00
5610MHz	Pass	5.13	-1.29	-1.19	-0.66	-1.49	4.87	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.13	-1.03	-1.49	-0.80	-1.61	4.75	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.90	-3.22	-3.30	-2.90	-3.69	2.75	30.00
5775MHz	Pass	4.90	3.65	3.77	4.29	3.31	9.75	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.55	-2.66	-2.60	-1.82	-3.22	3.46	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.37	-1.99	-2.49	-1.80	-2.51	3.75	11.00
5570MHz	Pass	5.13	-3.55	-3.81	-3.01	-3.75	2.41	11.00

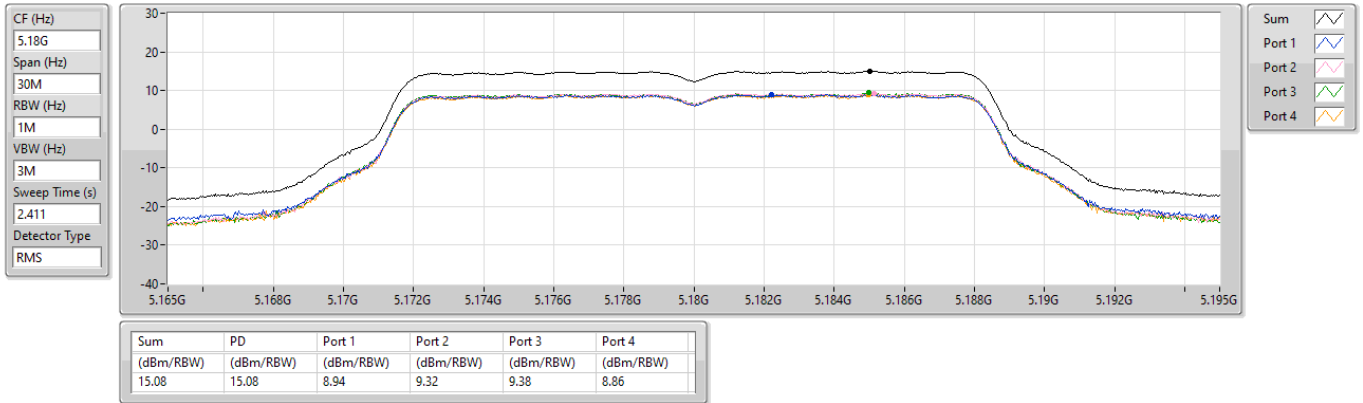
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

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

PSD

5180MHz

11/06/2024

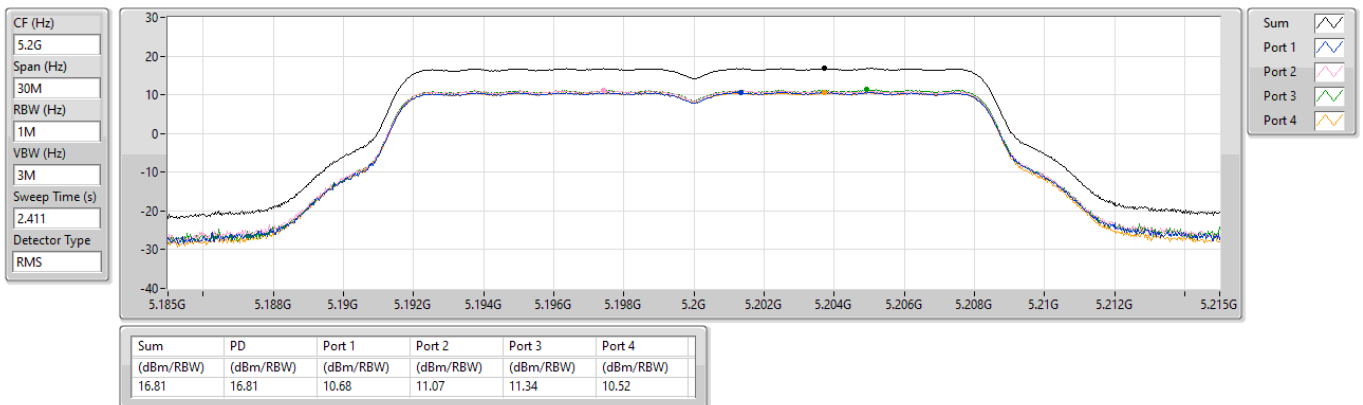


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

11/06/2024



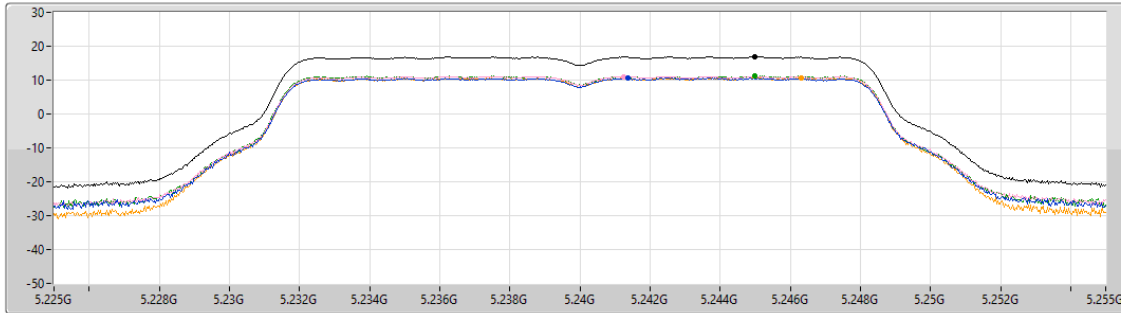
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

11/06/2024

CF (Hz)
5.24G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
2.411
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)
16.85	16.85	10.62	11.09	11.31	10.66

Sum
Port 1
Port 2
Port 3
Port 4

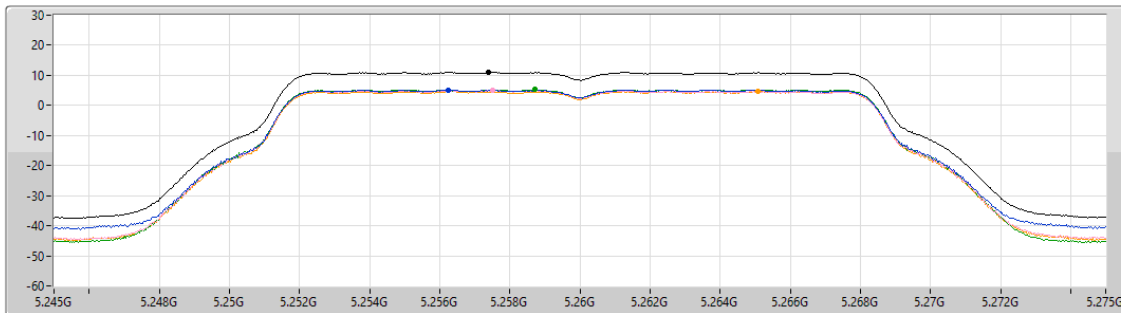
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

11/06/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
2.411
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)
10.91	10.91	5.10	4.95	5.24	4.69

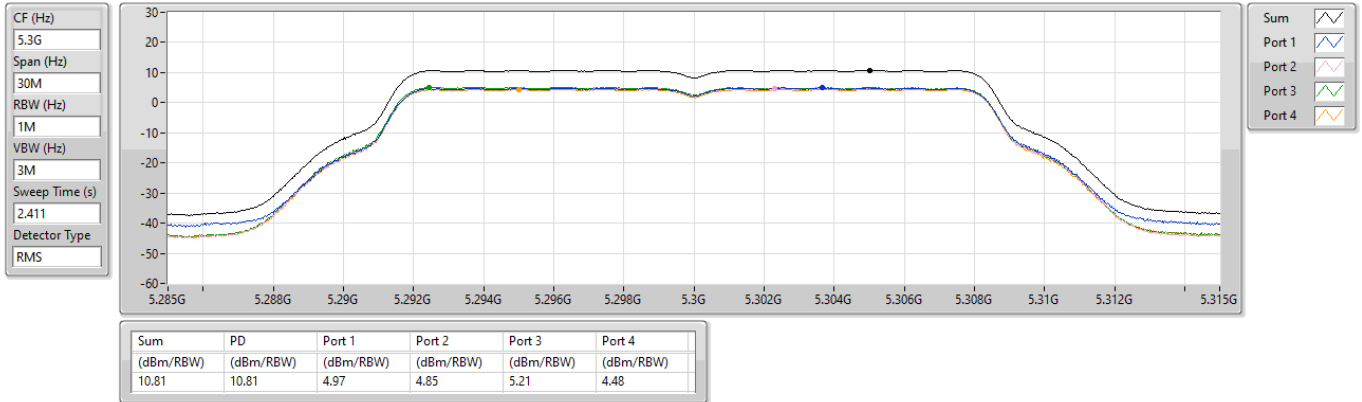
Sum
Port 1
Port 2
Port 3
Port 4

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

PSD

5300MHz

11/06/2024

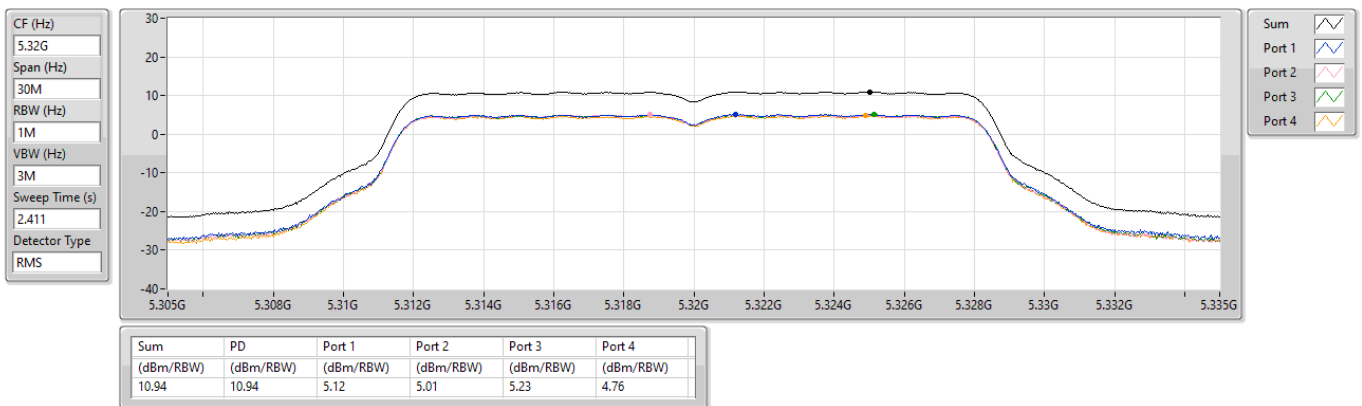


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

11/06/2024



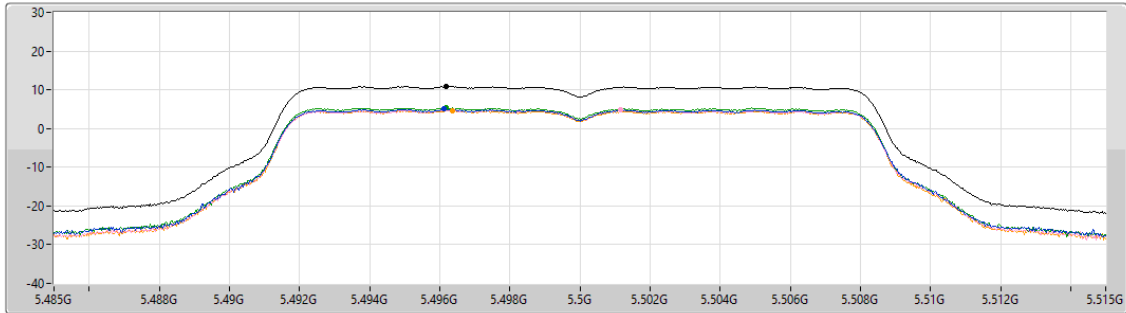
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

11/06/2024

CF (Hz)
5.5G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
2.411
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)
10.87	10.87	5.02	4.71	5.30	4.64

Sum
Port 1
Port 2
Port 3
Port 4

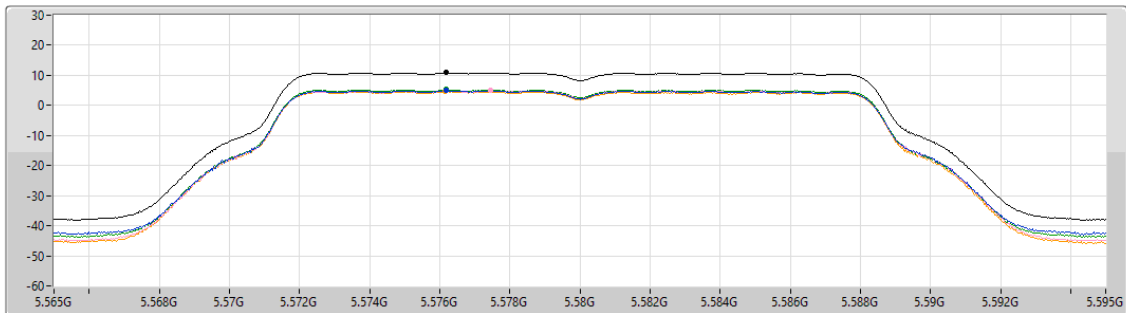
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

11/06/2024

CF (Hz)
5.58G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
2.411
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)
10.90	10.90	4.88	4.92	5.29	4.58

Sum
Port 1
Port 2
Port 3
Port 4

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

PSD

5700MHz

11/06/2024

CF (Hz)
5.7G

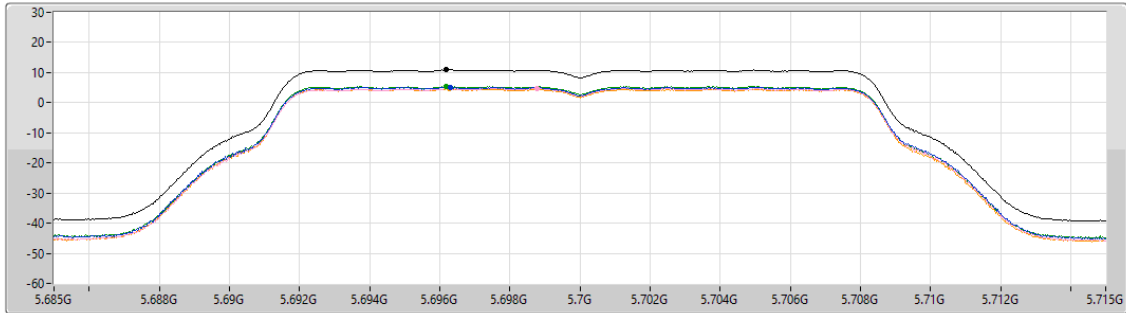
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.411

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)
10.93	10.93	5.14	4.76	5.35	4.56

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

PSD

5720MHz Straddle 5.47-5.725GHz

11/06/2024

CF (Hz)
5.71G

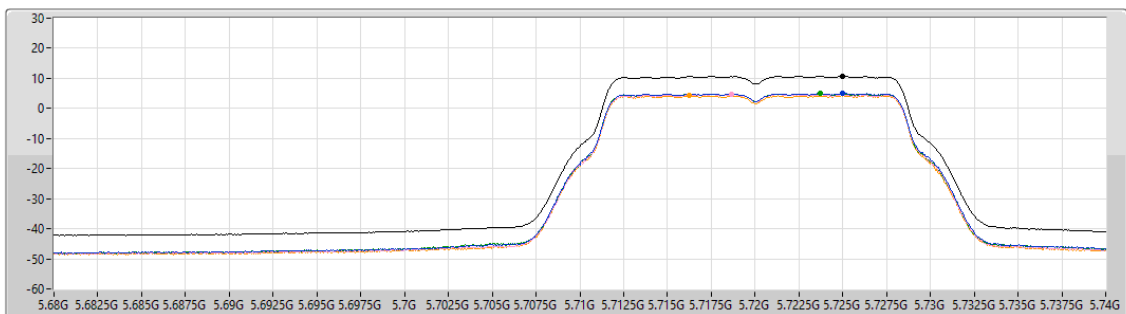
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
2.411

Detector Type
RMS



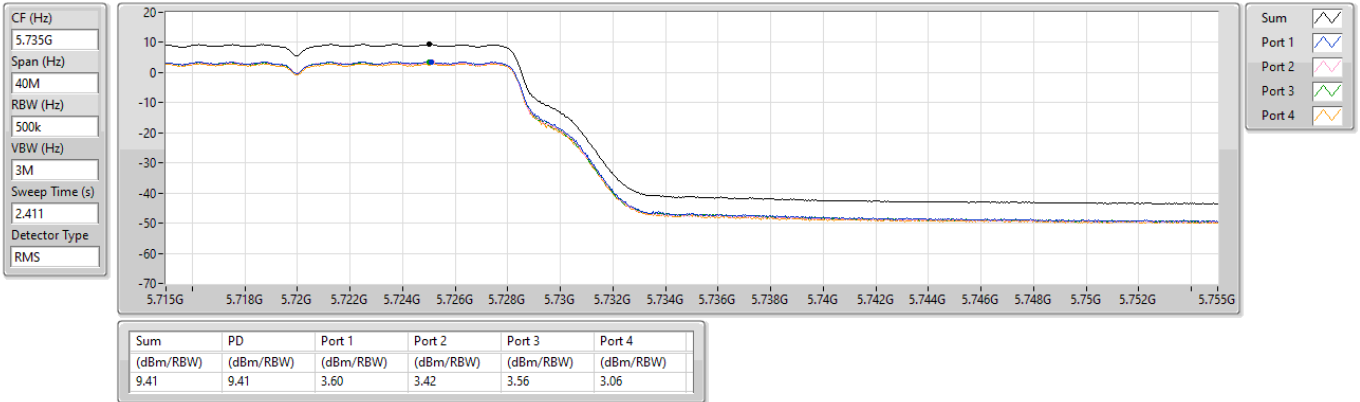
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.66	10.66	4.98	4.66	4.88	4.20

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

PSD

5720MHz Straddle 5.725-5.85GHz

11/06/2024

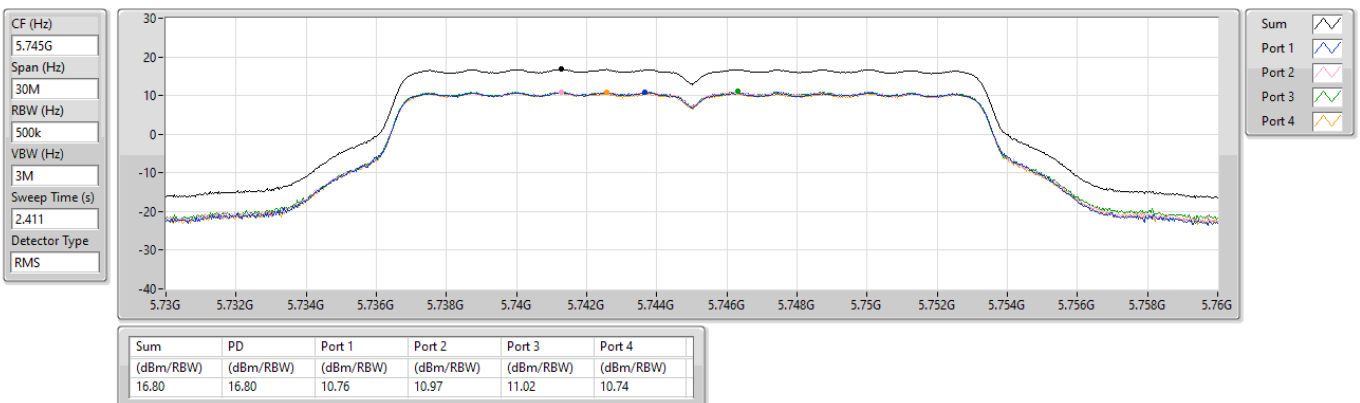


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

11/06/2024



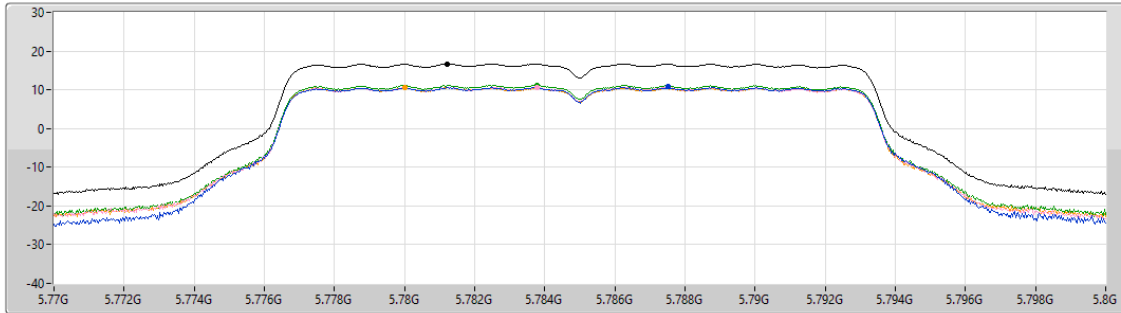
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

11/06/2024

CF (Hz)
5.785G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
2.411
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)
16.72	16.72	10.73	10.67	11.21	10.51

Sum
Port 1
Port 2
Port 3
Port 4

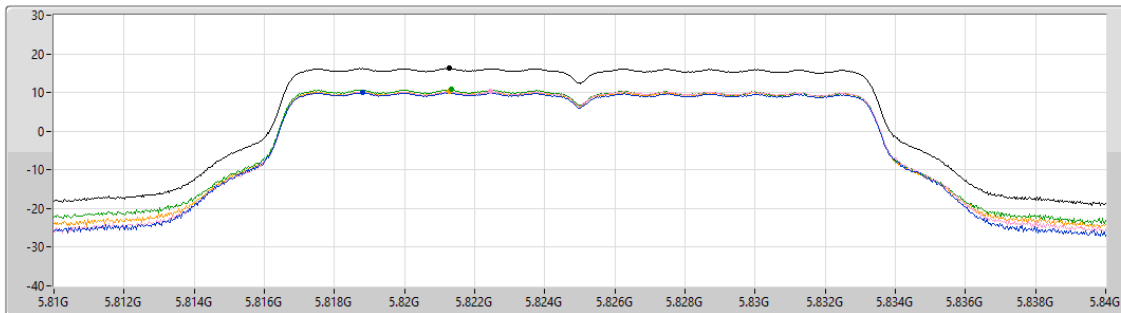
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

11/06/2024

CF (Hz)
5.825G
Span (Hz)
30M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
2.411
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)
16.24	16.24	9.98	10.24	10.74	10.20

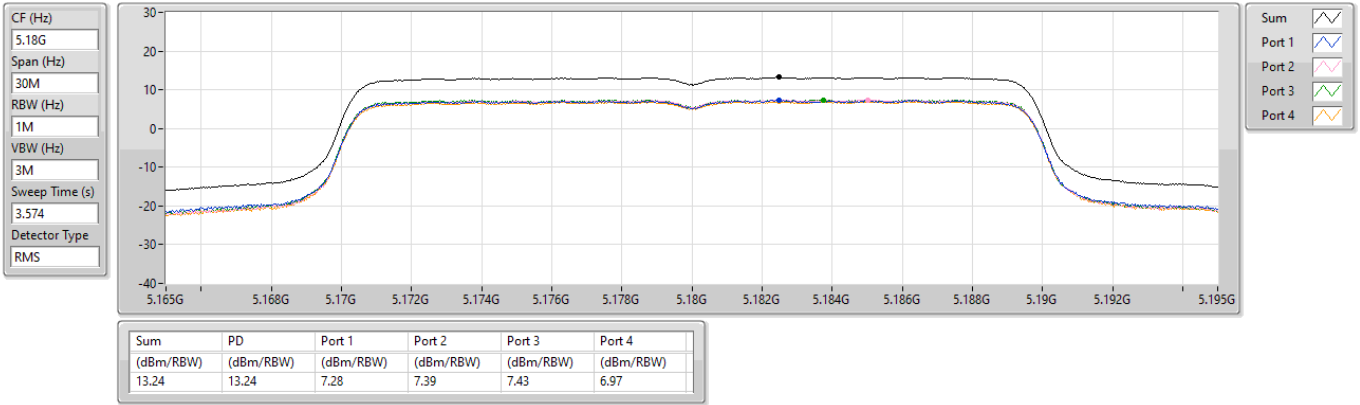
Sum
Port 1
Port 2
Port 3
Port 4

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

PSD

5180MHz

11/06/2024

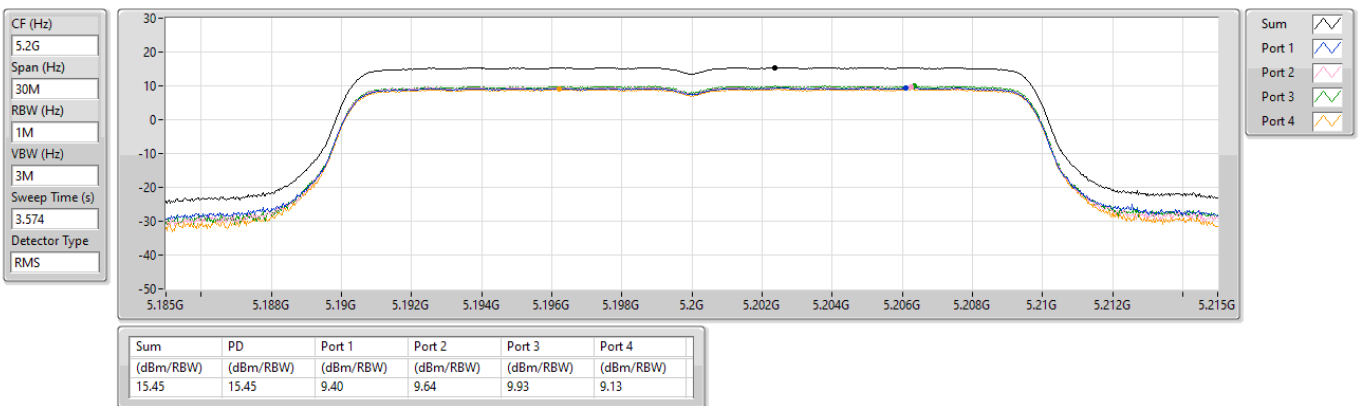


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5200MHz

11/06/2024



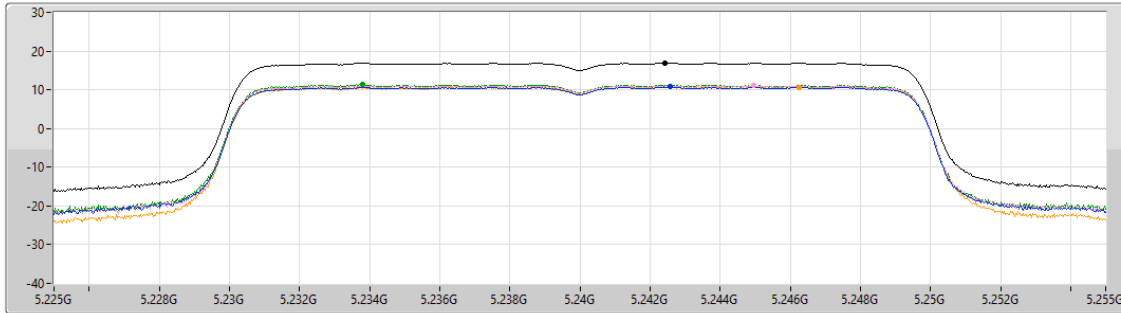
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5240MHz

11/06/2024

CF (Hz)
5.24G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
3.574
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)
16.88	16.88	10.73	11.02	11.32	10.70

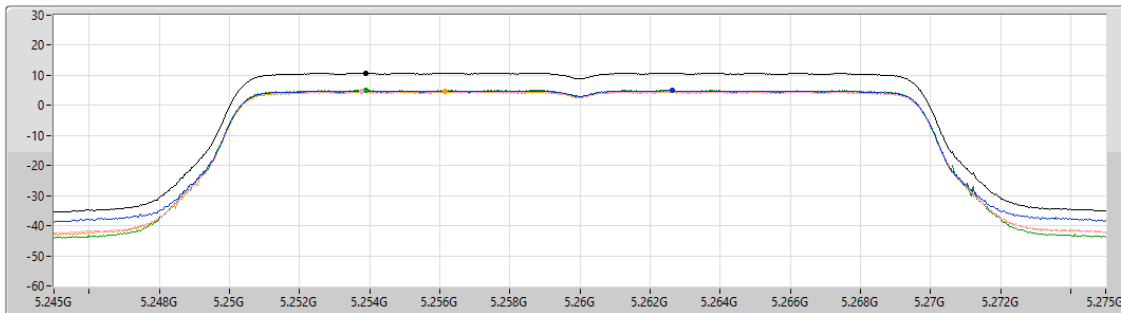
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

11/06/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
3.574
Detector Type
RMS



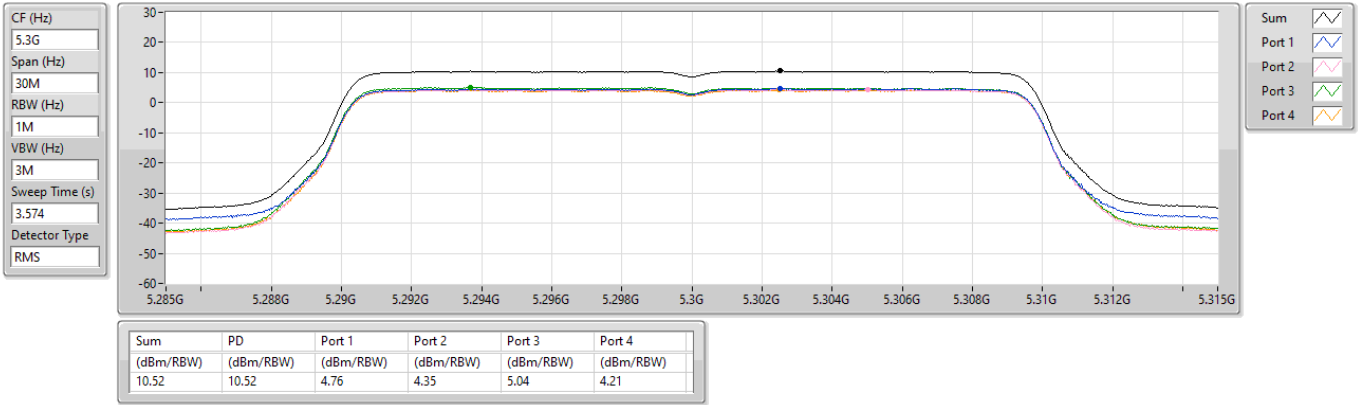
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.76	10.76	4.92	4.72	5.05	4.60

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

PSD

5300MHz

11/06/2024

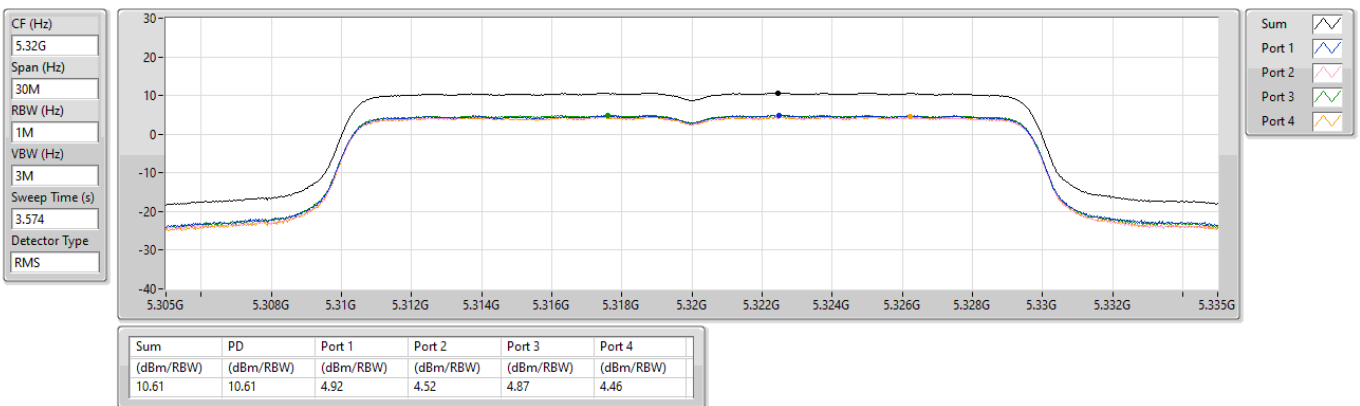


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

11/06/2024

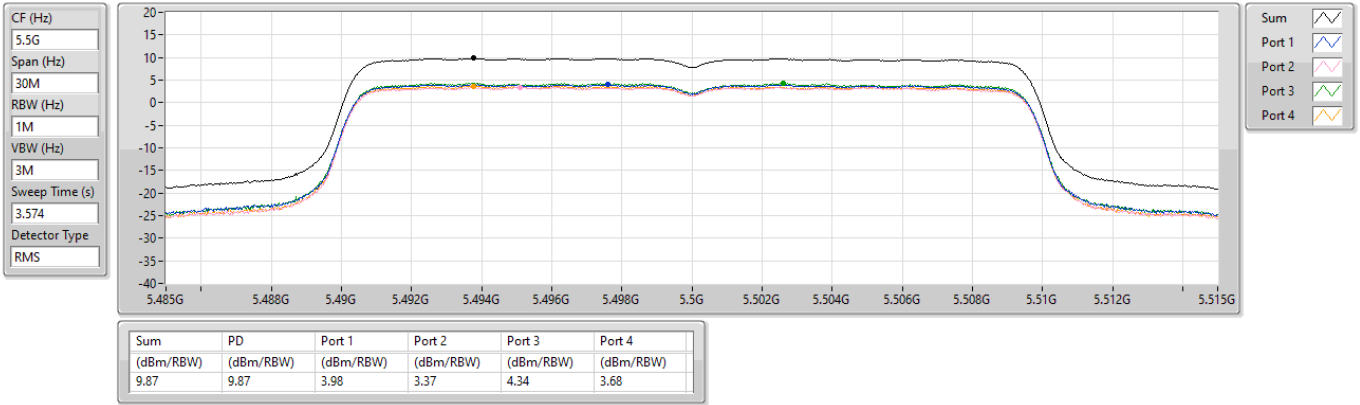


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

11/06/2024

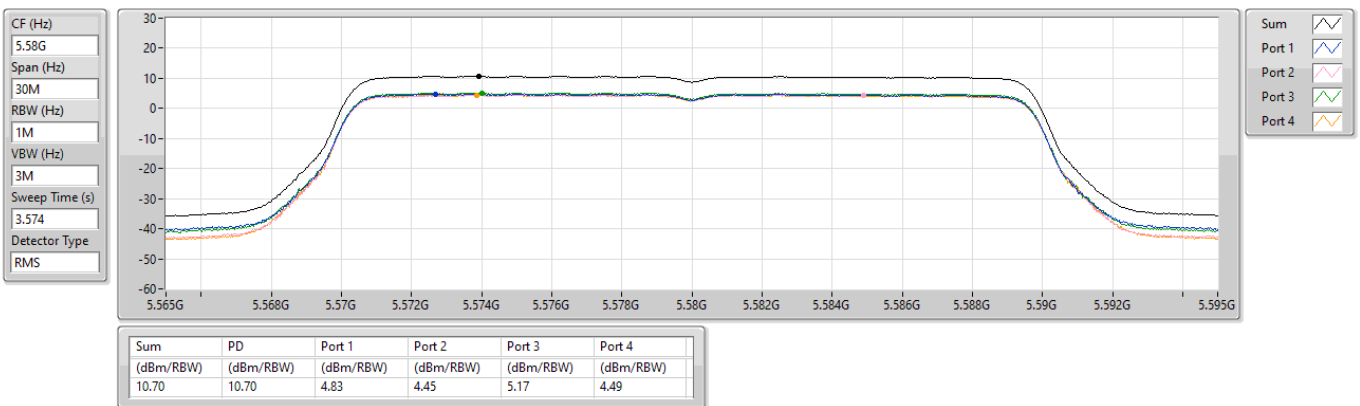


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

11/06/2024

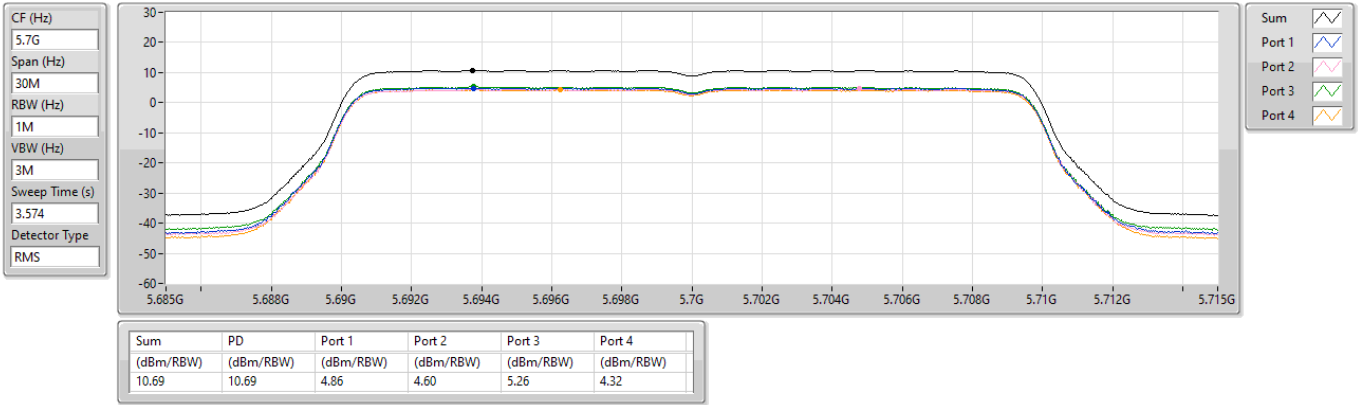


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

11/06/2024

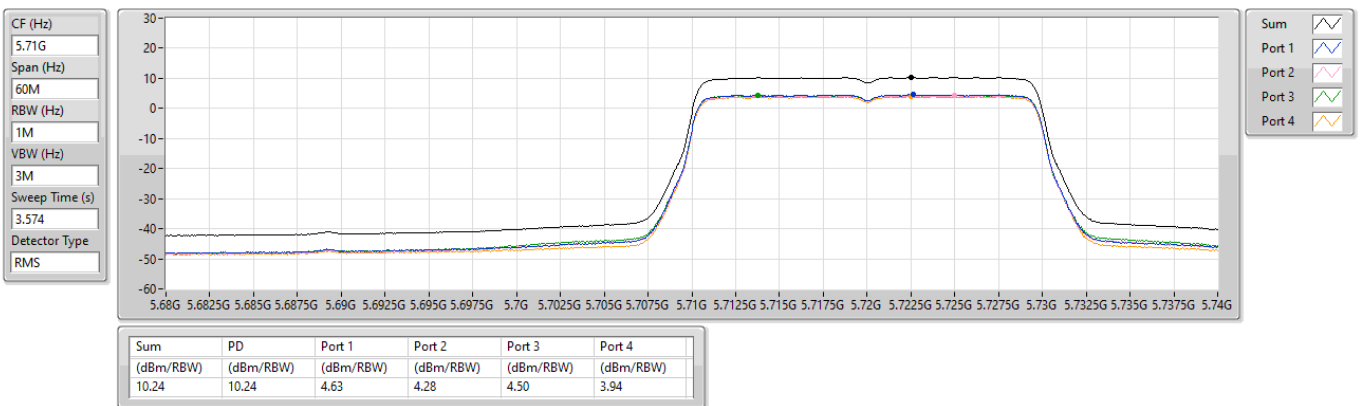


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

11/06/2024

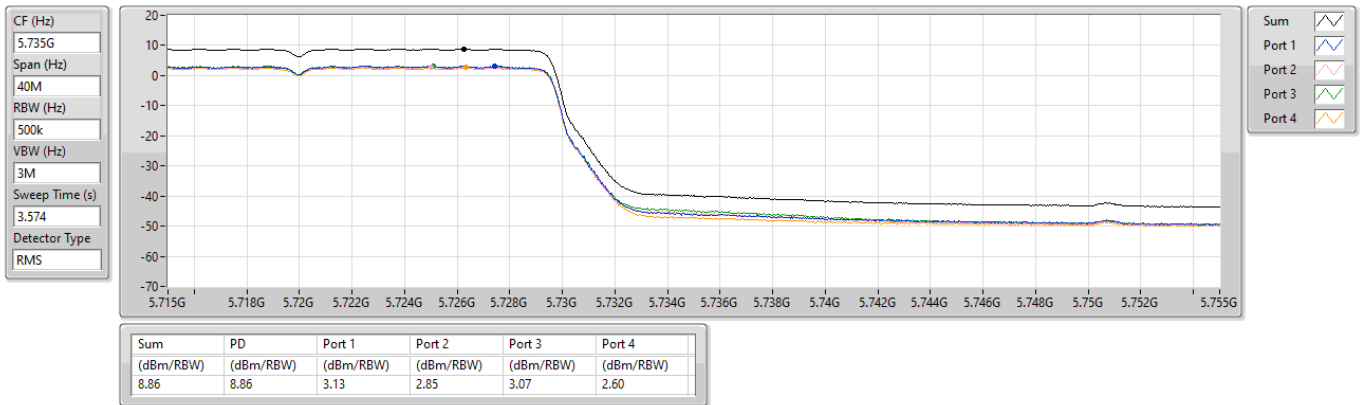


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

11/06/2024

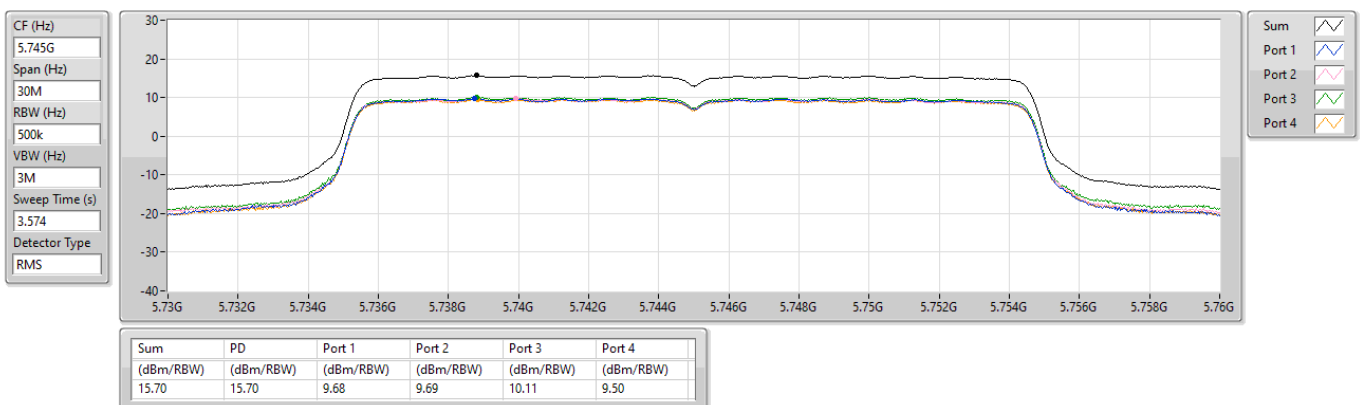


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5745MHz

11/06/2024

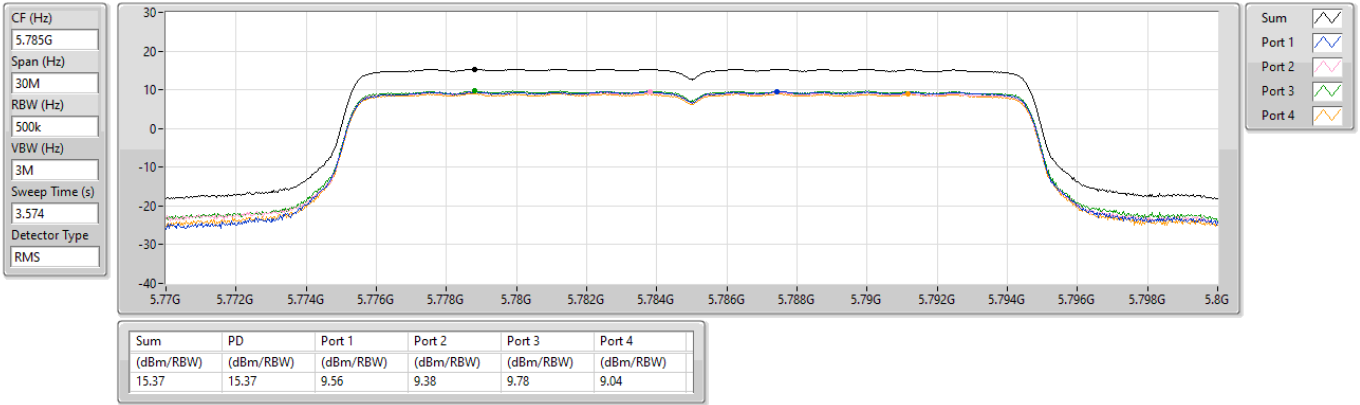


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5785MHz

11/06/2024

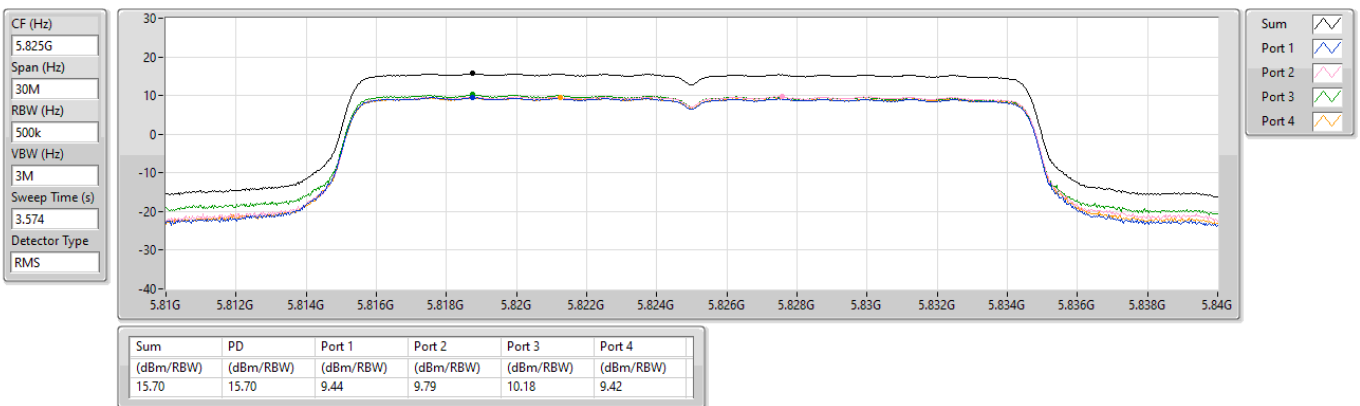


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5825MHz

11/06/2024



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

PSD

5190MHz

11/06/2024

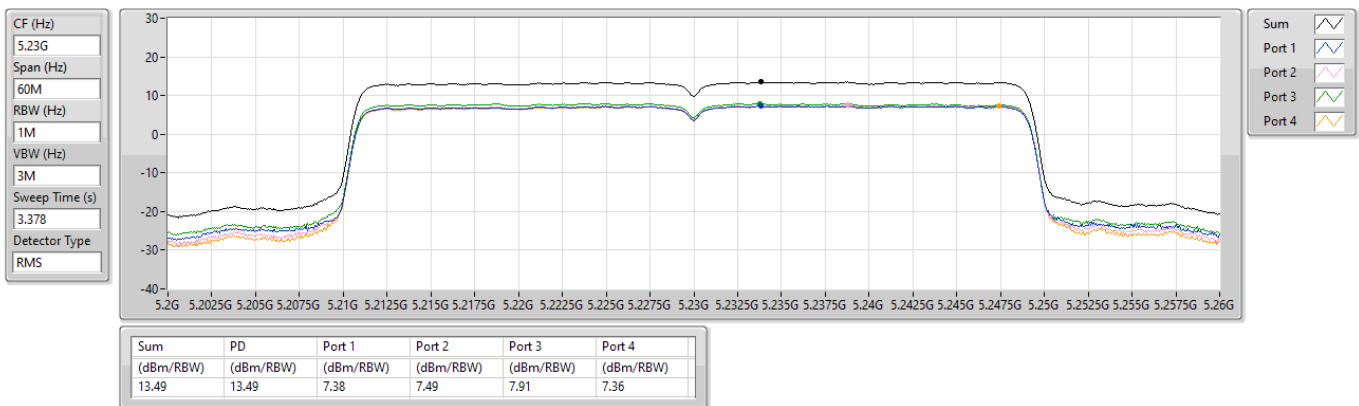


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5230MHz

11/06/2024



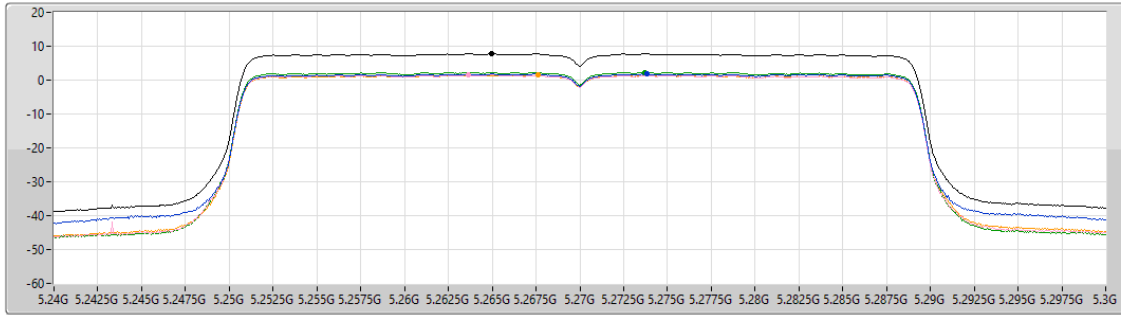
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

11/06/2024

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
3.378
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)
7.75	7.75	1.82	1.57	2.33	1.45

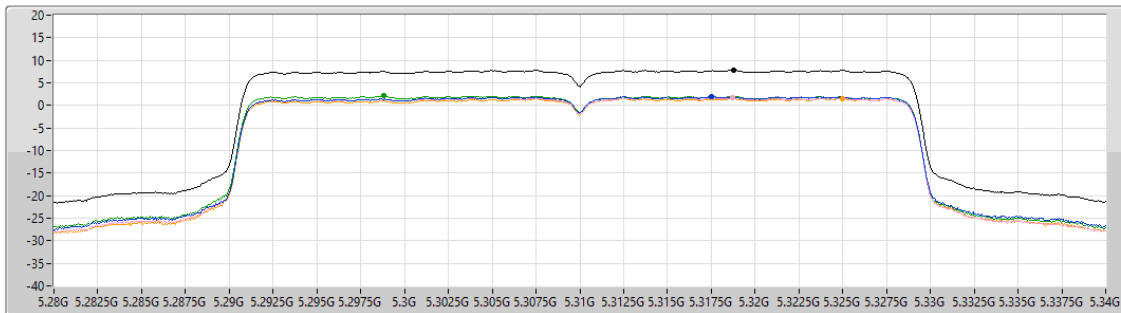
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

11/06/2024

CF (Hz)
5.31G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
3.378
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)
7.81	7.81	1.95	1.73	2.12	1.55

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

PSD

5510MHz

11/06/2024

CF (Hz)
5.51G

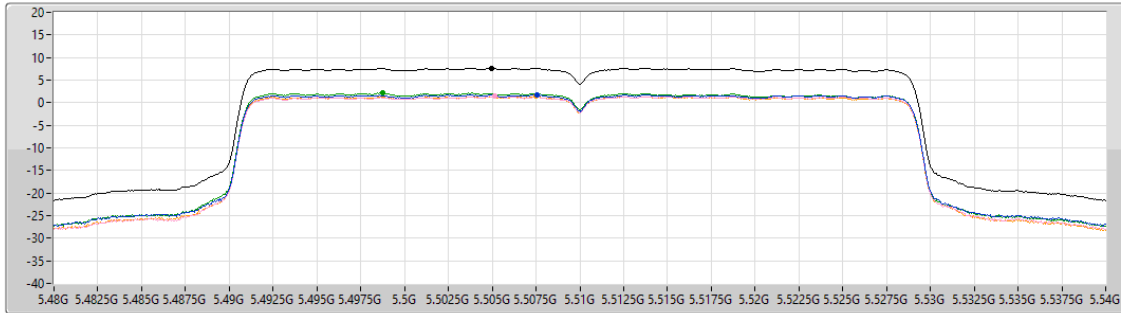
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
3.378

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)
7.62	7.62	1.75	1.43	2.13	1.37

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

PSD

5550MHz

11/06/2024

CF (Hz)
5.55G

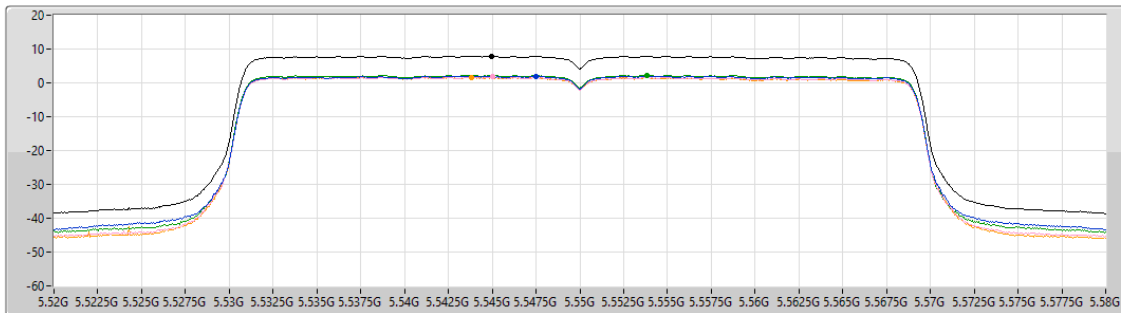
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
3.378

Detector Type
RMS



Sum 

Port 1 

Port 2 

Port 3 

Port 4 

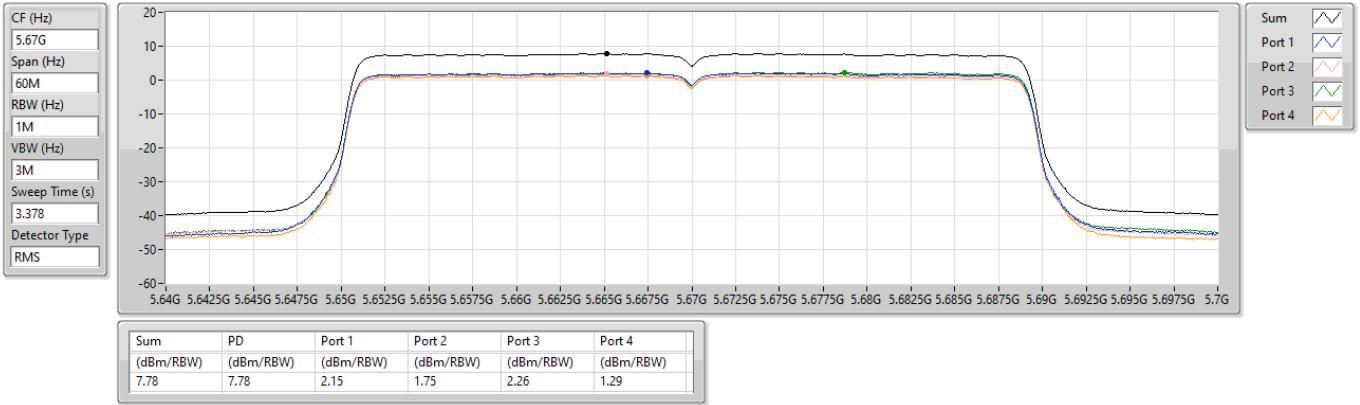
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.88	7.88	2.03	1.73	2.25	1.65

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

PSD

5670MHz

11/06/2024

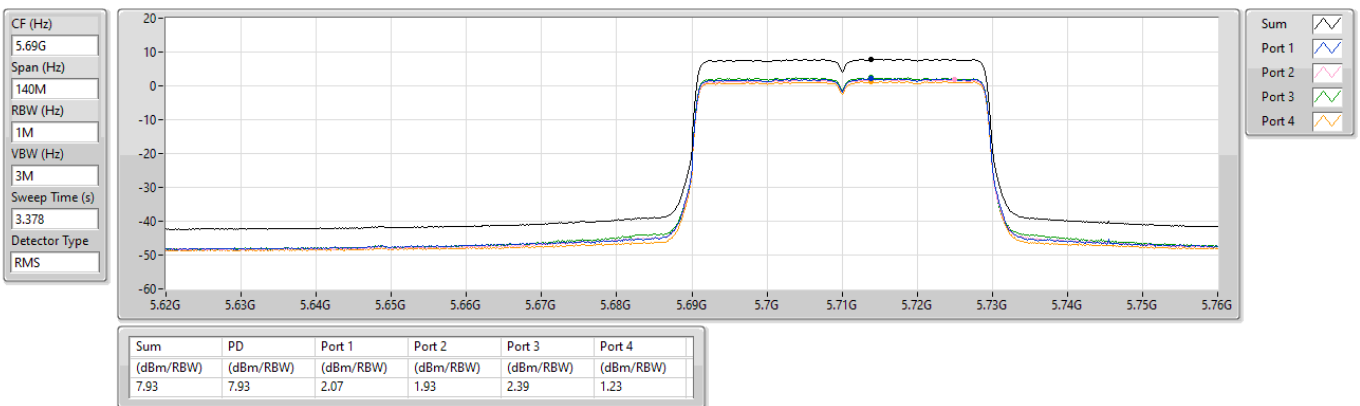


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

11/06/2024

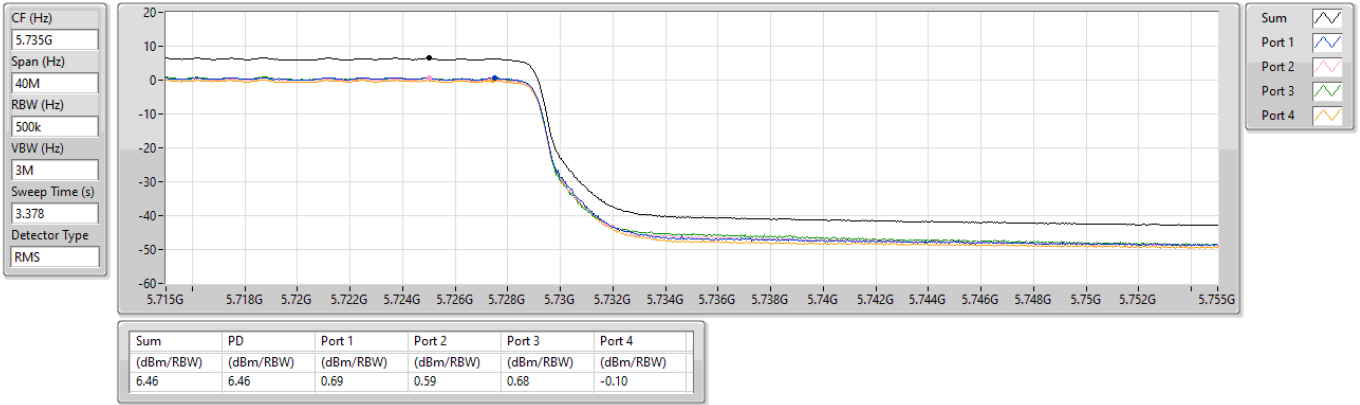


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

11/06/2024

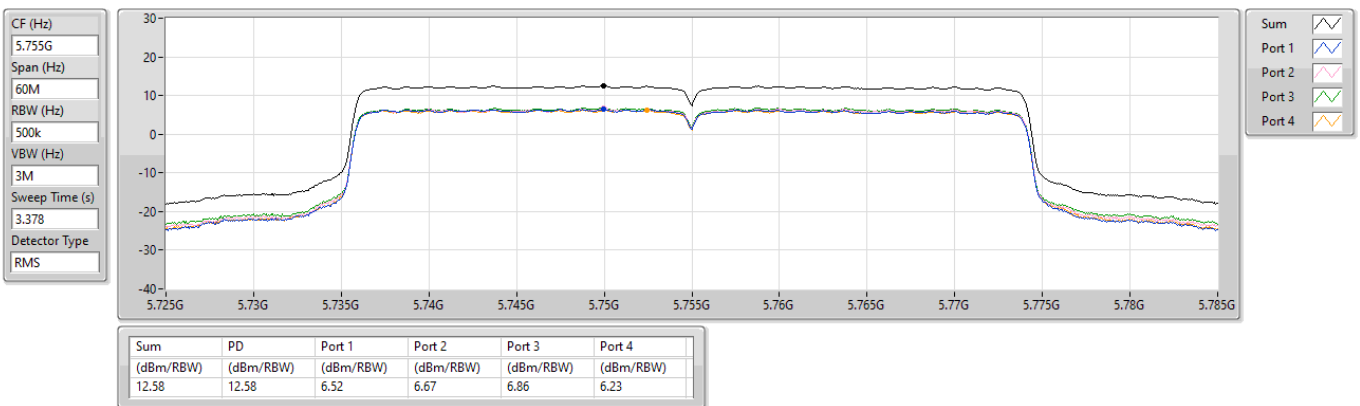


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

11/06/2024



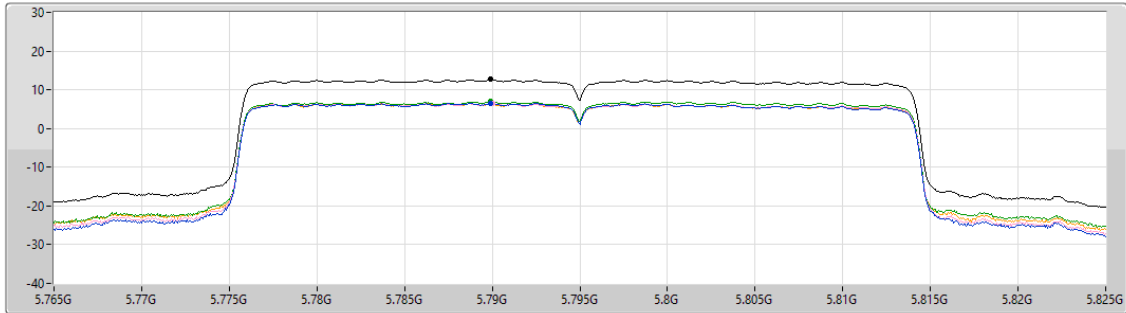
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5795MHz

11/06/2024

CF (Hz)
5.795G
Span (Hz)
60M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
3.378
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)
12.64	12.64	6.55	6.58	7.01	6.44

Sum
Port 1
Port 2
Port 3
Port 4

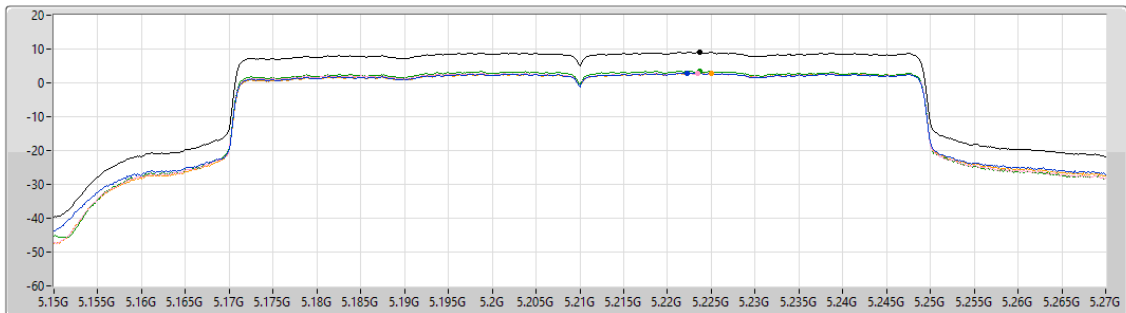
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5210MHz

12/06/2024

CF (Hz)
5.21G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
3.128
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.02	9.02	2.87	2.86	3.50	2.89

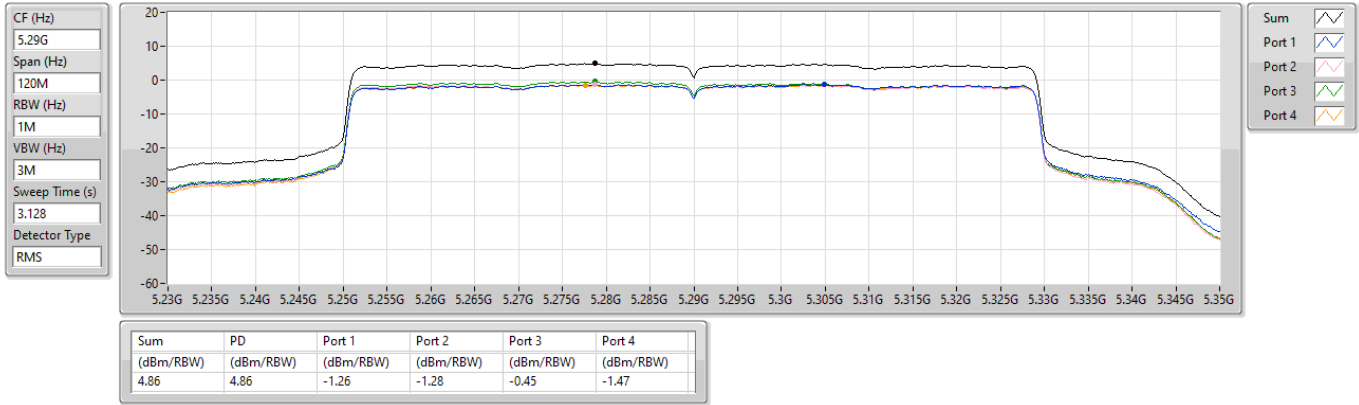
Sum
Port 1
Port 2
Port 3
Port 4

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

PSD

5290MHz

12/06/2024

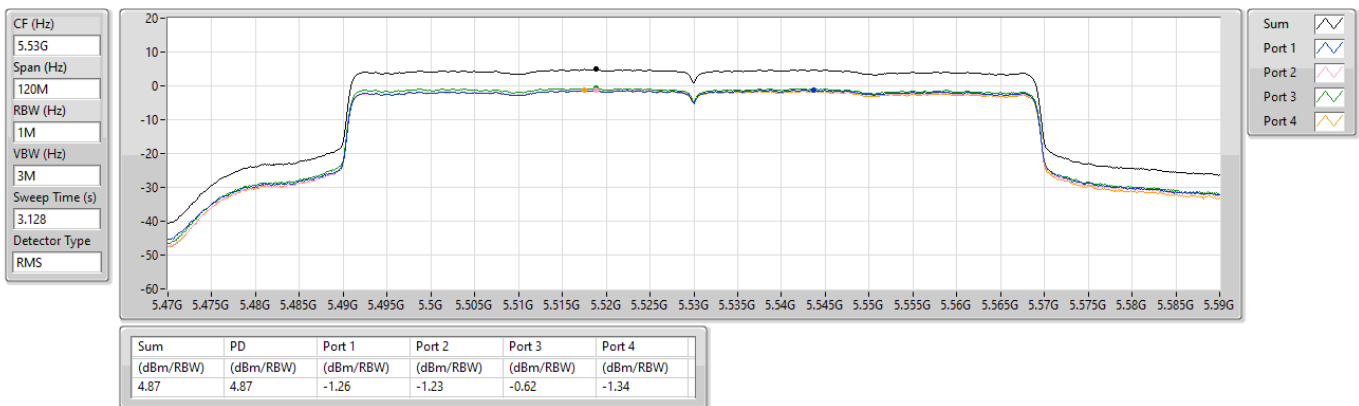


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

12/06/2024

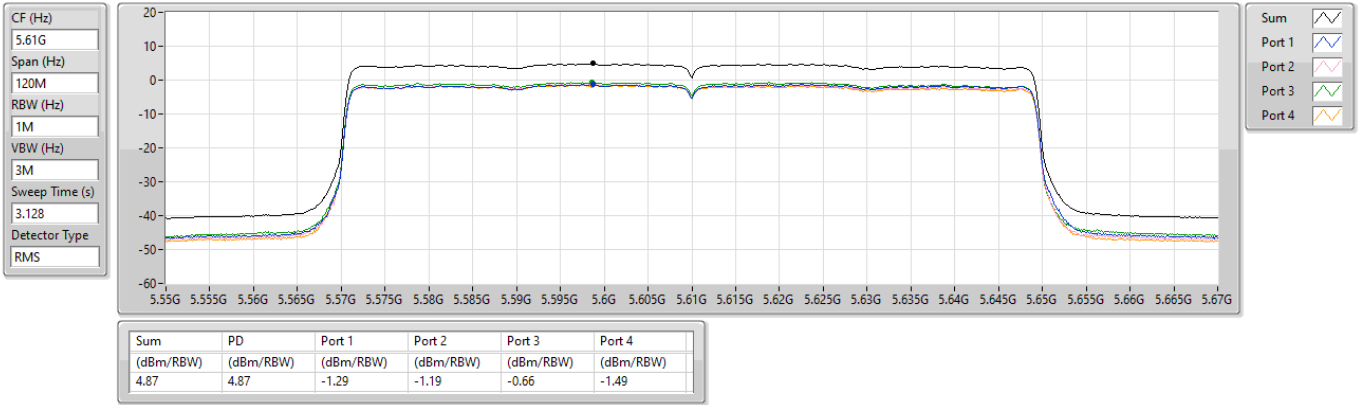


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

12/06/2024

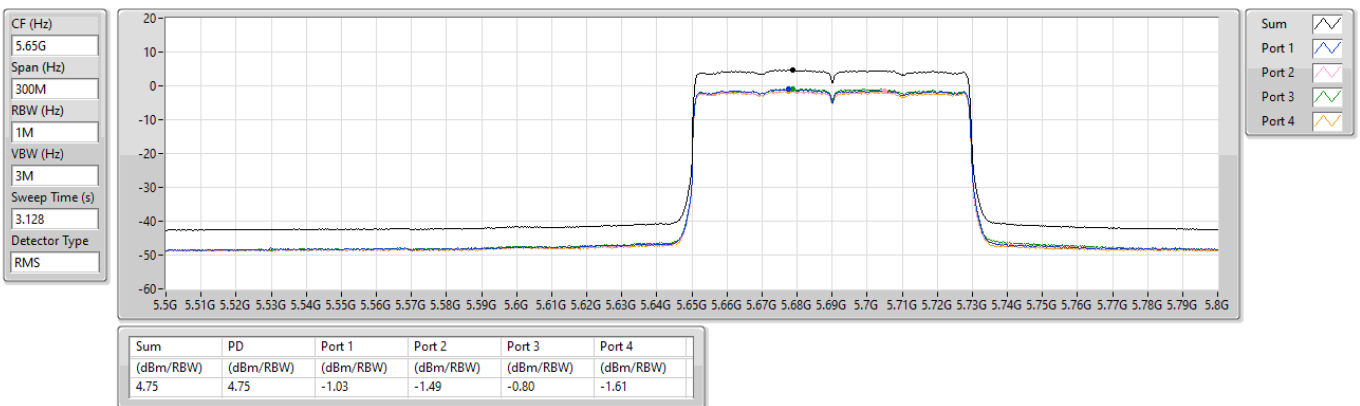


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

12/06/2024

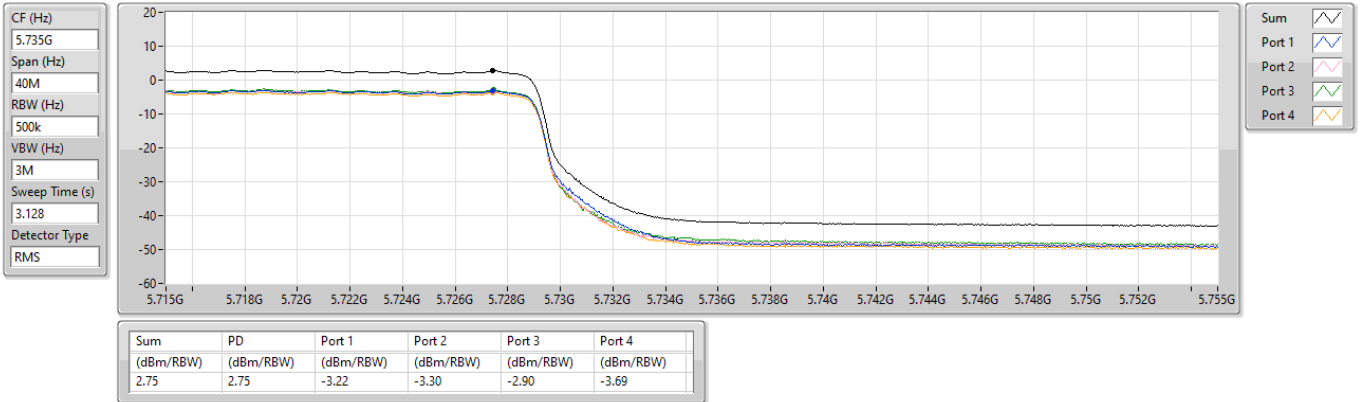


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

12/06/2024

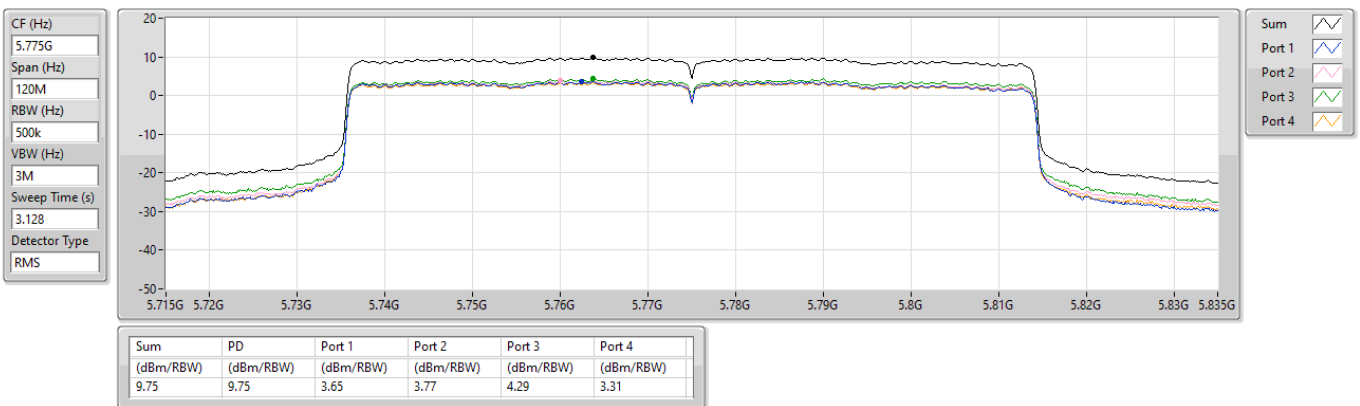


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5775MHz

12/06/2024

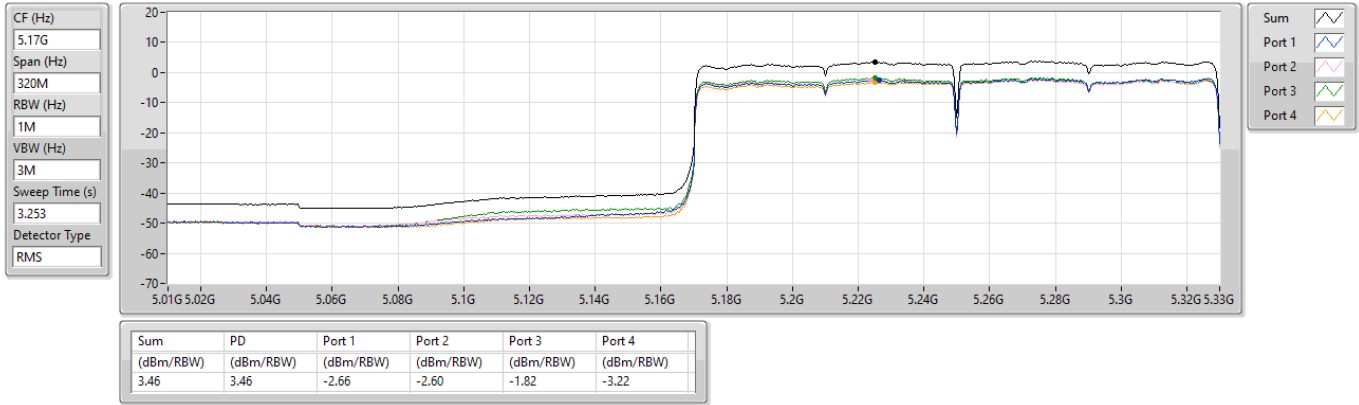


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

12/06/2024

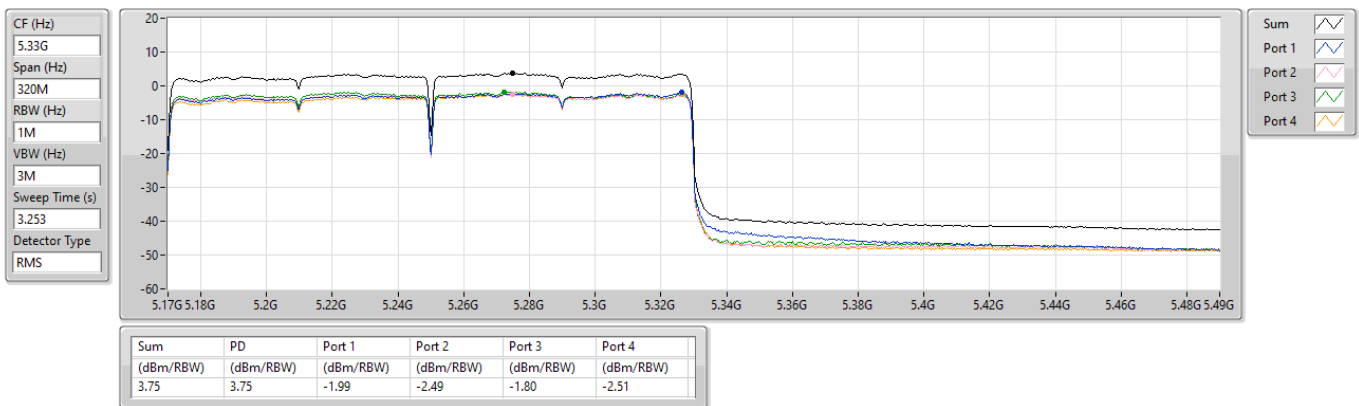


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

12/06/2024

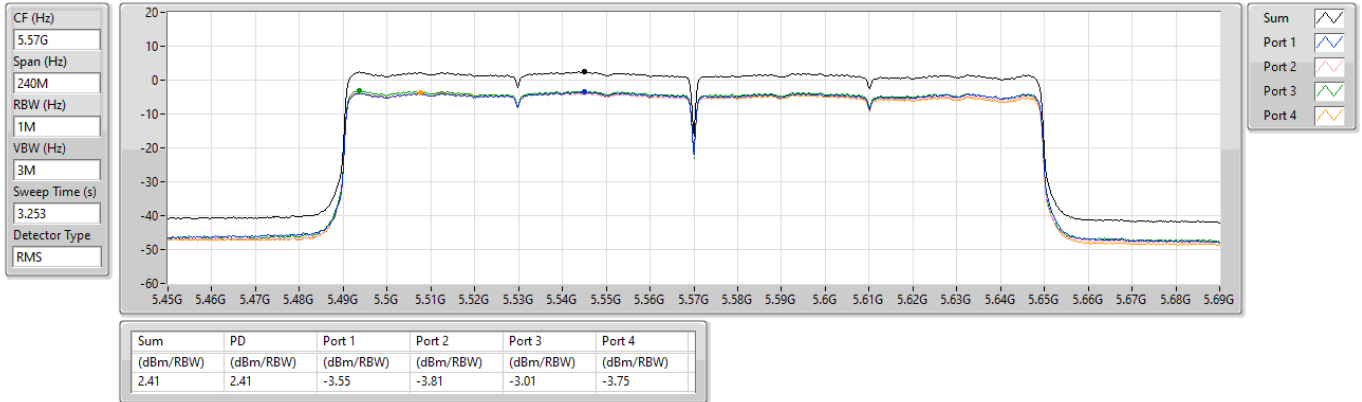


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

12/06/2024





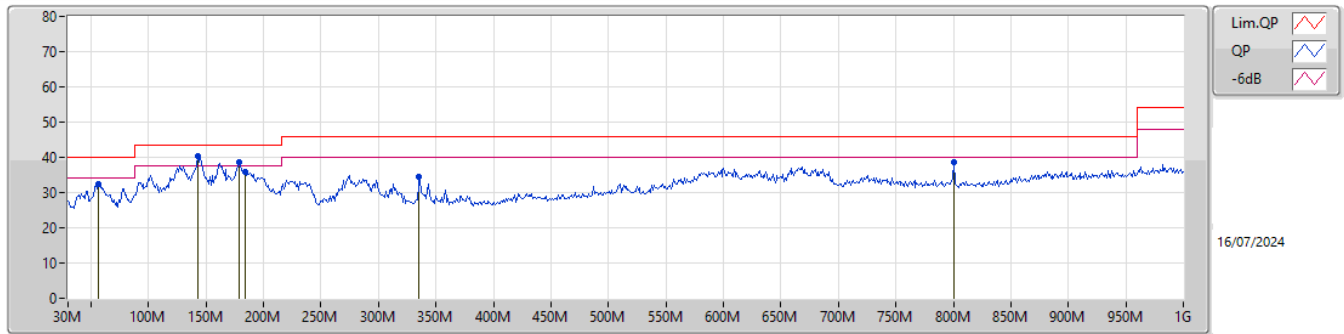
Radiated Emissions below 1GHz

Appendix E.1

Summary

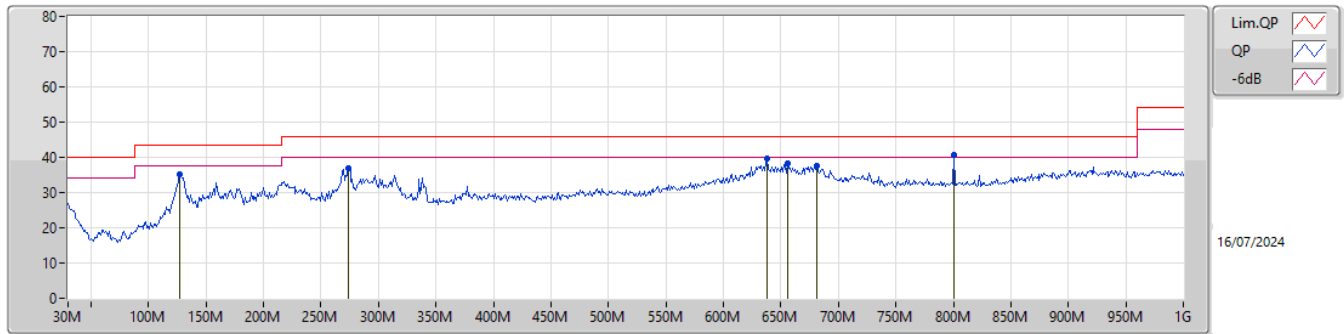
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	142.52M	40.20	43.50	-3.30	Vertical

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)		
PK	56.19M	32.52	40.00	-7.48	-17.43	3	Vertical	240	1.00	-	49.95	12.89	1.34	31.66		
PK	142.52M	40.20	43.50	-3.30	-12.66	3	Vertical	247	1.00	"Worst"	52.86	17.00	2.09	31.75		
PK	178.41M	38.78	43.50	-4.72	-14.07	3	Vertical	164	1.25	-	52.85	15.35	2.36	31.78		
PK	184.23M	35.92	43.50	-7.58	-14.28	3	Vertical	143	1.00	-	50.20	15.10	2.40	31.78		
PK	335.55M	34.60	46.00	-11.40	-8.76	3	Vertical	184	1.50	-	43.36	19.80	3.34	31.90		
PK	800.18M	38.71	46.00	-7.29	-1.04	3	Vertical	258	1.00	-	39.75	25.87	5.43	32.34		

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	127M	35.23	43.50	-8.27	-11.65	3	Horizontal	175	2.00	-	46.88	18.12	1.98	31.75		
PK	273.47M	36.99	46.00	-9.01	-10.13	3	Horizontal	281	1.25	-	47.12	18.73	2.97	31.83		
PK	638.19M	39.67	46.00	-6.33	-2.79	3	Horizontal	109	1.00	-	42.46	24.74	4.77	32.30		
PK	655.65M	38.40	46.00	-7.60	-2.67	3	Horizontal	135	1.00	-	41.07	24.81	4.84	32.32		
PK	680.87M	37.42	46.00	-8.58	-2.56	3	Horizontal	135	1.00	-	39.98	24.83	4.94	32.33		
PK	800.18M	40.56	46.00	-5.44	-1.04	3	Horizontal	141	2.00	"Worst"	41.60	25.87	5.43	32.34		

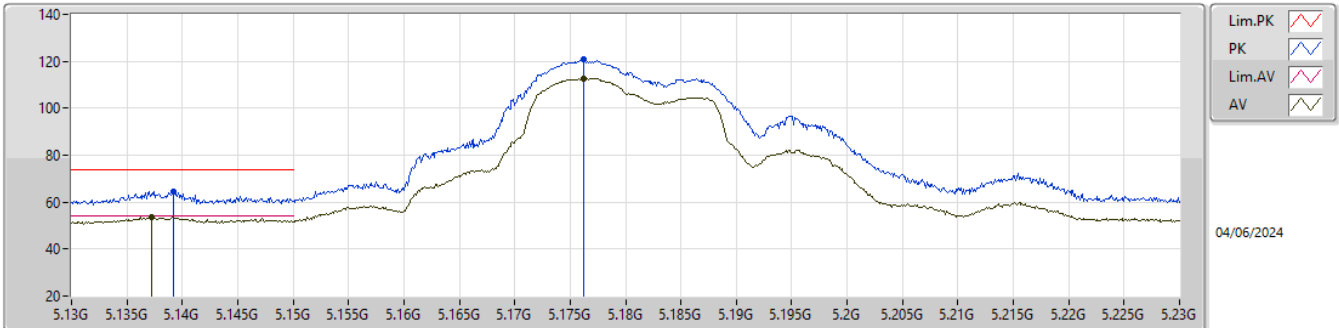


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_4TX	Pass	AV	5.1487G	53.96	54.00	-0.04	3	Vertical	152	1.77	-

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

5180MHz_TX

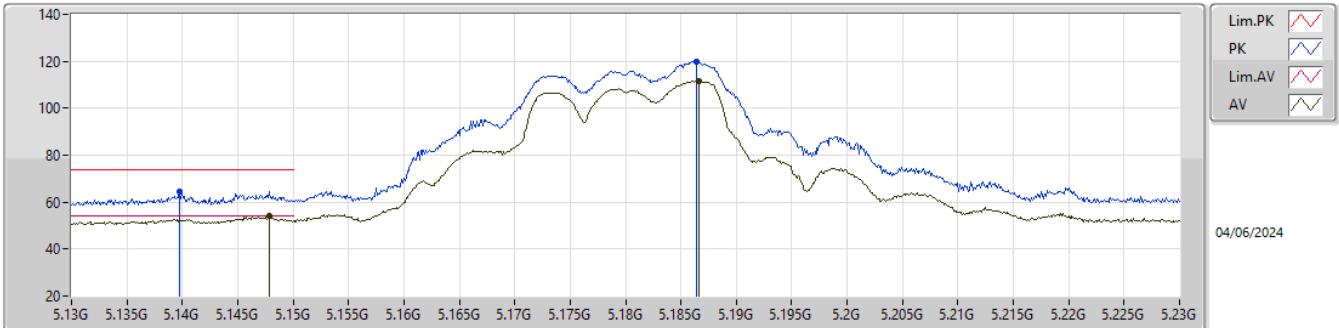


EUT_Y_4TX
Setting 90
03-H-K-5-10

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	5.1392G	64.43	74.00	-9.57	58.56	3	Vertical	165	1.73	-	33.94	6.78	34.85			
AV	5.1372G	53.65	54.00	-0.35	47.80	3	Vertical	165	1.73	-	33.92	6.78	34.85			
PK	5.1762G	120.68	Inf	-Inf	114.68	3	Vertical	165	1.73	-	34.00	6.85	34.85			
AV	5.1762G	112.73	Inf	-Inf	106.73	3	Vertical	165	1.73	-	34.00	6.85	34.85			

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

5180MHz_TX

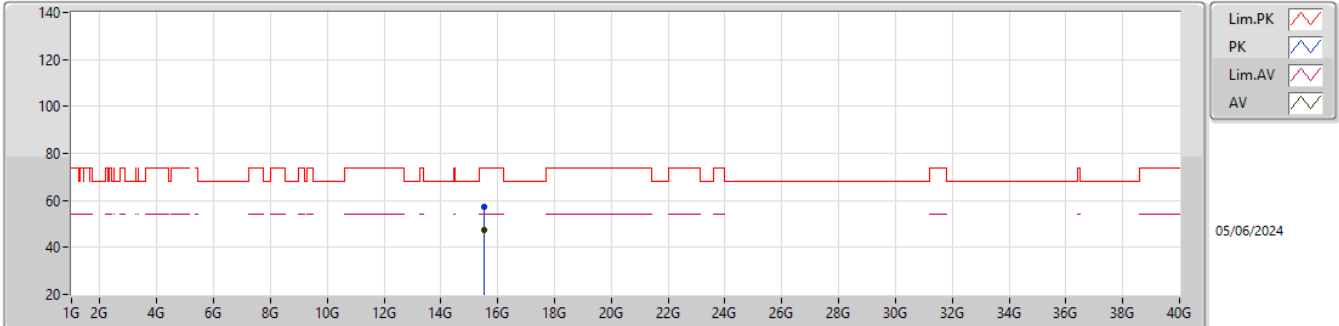


EUT_Y_4TX
Setting 90
03-H-K-5-10

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	5.1397G	64.41	74.00	-9.59	58.54	3	Horizontal	352	2.15	-	33.94	6.78	34.85			
AV	5.1479G	53.92	54.00	-0.08	47.98	3	Horizontal	352	2.15	-	33.99	6.80	34.85			
PK	5.1864G	119.98	Inf	-Inf	113.97	3	Horizontal	352	2.15	-	34.00	6.87	34.86			
AV	5.1866G	111.47	Inf	-Inf	105.46	3	Horizontal	352	2.15	-	34.00	6.87	34.86			

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

5180MHz_TX

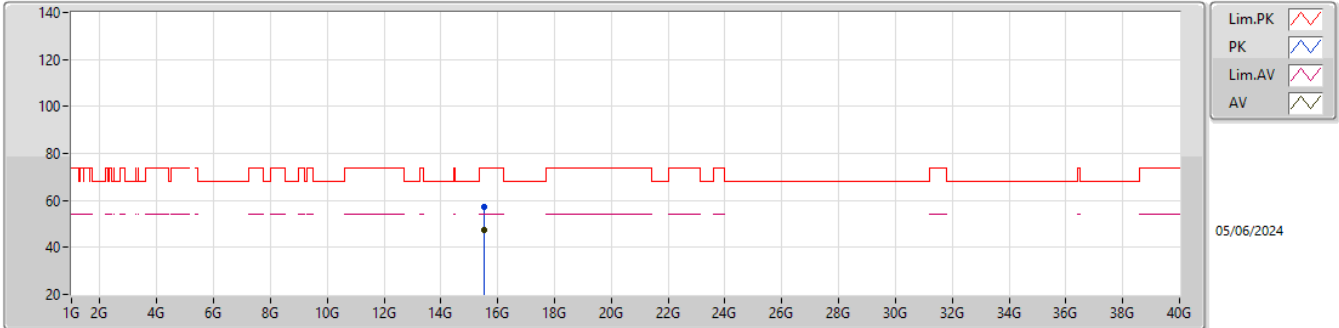


EUT V_4TX
Setting 90
03-H-E-2

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	15.52344G	57.47	74.00	-16.53	69.37	3	Vertical	232	2.16	-	38.11	12.67	62.68			
AV	15.53344G	47.65	54.00	-6.35	59.63	3	Vertical	232	2.16	-	38.03	12.68	62.69			

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

5180MHz_TX

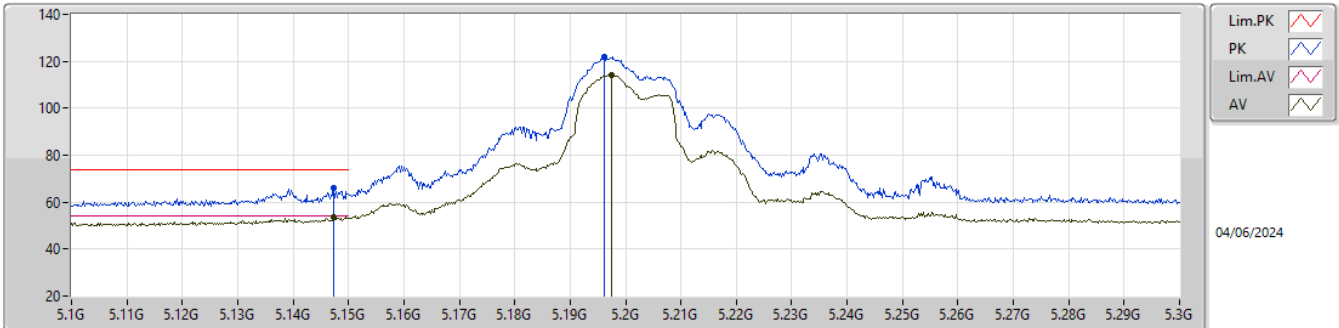


EUT_V_4TX
Setting 90
03-H-E-2

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	15.5376G	57.43	74.00	-16.57	69.44	3	Horizontal	192	1.78	-	38.00	12.68	62.69			
AV	15.53696G	47.54	54.00	-6.46	59.55	3	Horizontal	192	1.78	-	38.00	12.68	62.69			

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

5200MHz_TX

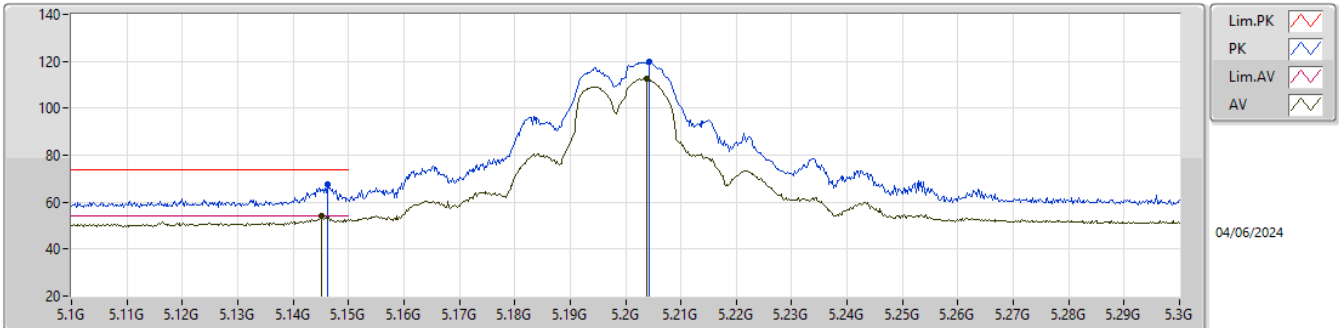


EUT_Y_4TX
Setting 96
03-H-K-5-10

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	65.93	74.00	-8.07	60.00	3	Vertical	0	1.80	-	33.98	6.80	34.85			
AV	5.1474G	53.64	54.00	-0.36	47.71	3	Vertical	0	1.80	-	33.98	6.80	34.85			
PK	5.1962G	121.78	Inf	-Inf	115.76	3	Vertical	0	1.80	-	34.00	6.88	34.86			
AV	5.1974G	114.27	Inf	-Inf	108.24	3	Vertical	0	1.80	-	34.00	6.89	34.86			

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

5200MHz_TX

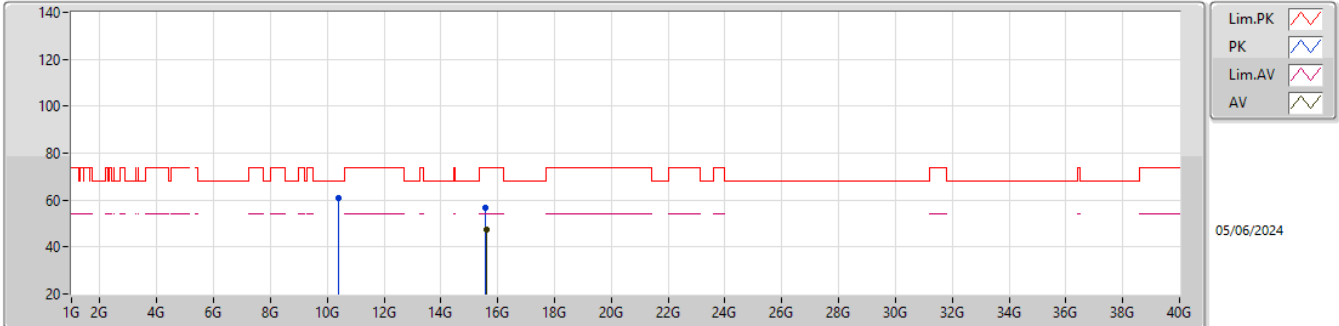


EUT_Y_4TX
Setting 96
03-H-K-5-10

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	5.1462G	67.59	74.00	-6.41	61.66	3	Horizontal	292	1.71	-	33.98	6.80	34.85			
AV	5.1452G	53.95	54.00	-0.05	48.04	3	Horizontal	292	1.71	-	33.97	6.79	34.85			
PK	5.2042G	119.71	Inf	-Inf	113.66	3	Horizontal	292	1.71	-	34.01	6.90	34.86			
AV	5.2038G	112.48	Inf	-Inf	106.43	3	Horizontal	292	1.71	-	34.01	6.90	34.86			

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

5200MHz_TX

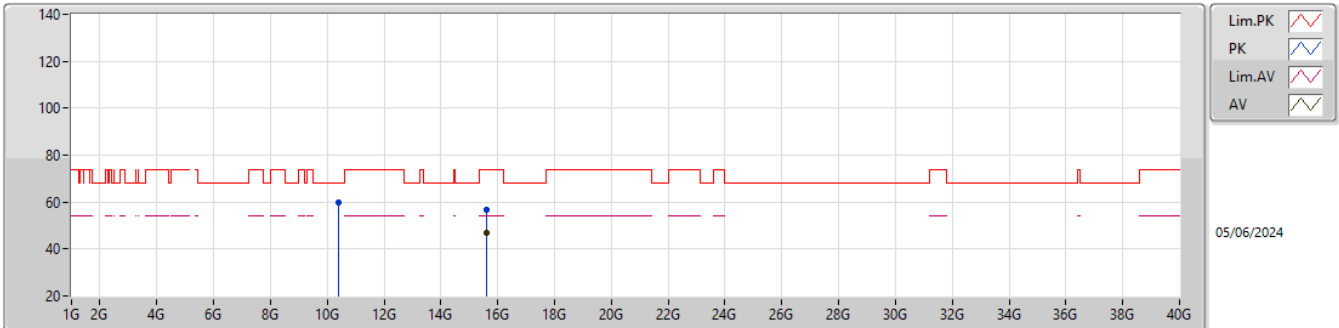


EUT_Y_4TX
Setting 96
03-H-E-2

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	10.40044G	60.87	68.20	-7.33	78.61	3	Vertical	84	2.31	-	37.90	10.63	66.27			
PK	15.58096G	56.87	74.00	-17.13	69.06	3	Vertical	247	1.80	-	37.84	12.69	62.72			
AV	15.60888G	47.23	54.00	-6.77	59.45	3	Vertical	247	1.80	-	37.82	12.70	62.74			

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

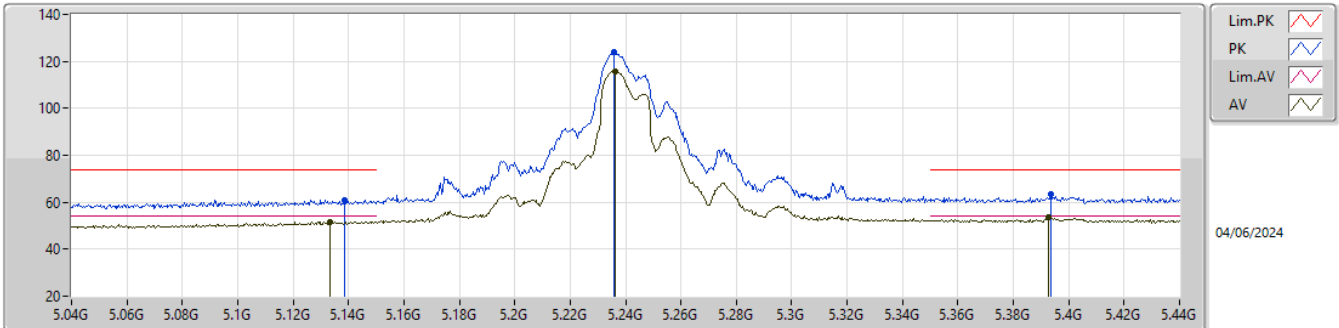
5200MHz_TX


EUT_Y_4TX
Setting 96
03-H-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	10.40156G	60.01	68.20	-8.19	77.75	3	Horizontal	137	1.61	-	37.90	10.63	66.27			
PK	15.60296G	56.69	74.00	-17.31	68.91	3	Horizontal	0	1.80	-	37.81	12.70	62.73			
AV	15.59572G	46.98	54.00	-7.02	59.21	3	Horizontal	0	1.80	-	37.81	12.69	62.73			

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

5240MHz_TX

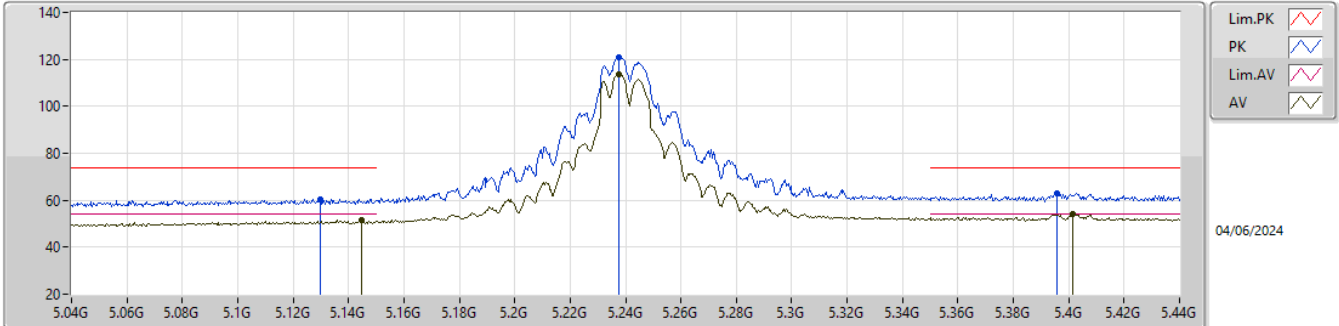


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.1384G	60.91	74.00	-13.09	55.05	3	Vertical	166	1.68	-	33.93	6.78	34.85			
AV	5.1332G	51.78	54.00	-2.22	45.96	3	Vertical	166	1.68	-	33.90	6.77	34.85			
PK	5.236G	124.13	Inf	-Inf	117.98	3	Vertical	166	1.68	-	34.07	6.94	34.86			
AV	5.2364G	115.93	Inf	-Inf	109.78	3	Vertical	166	1.68	-	34.07	6.94	34.86			
PK	5.3936G	63.56	74.00	-10.44	56.80	3	Vertical	166	1.68	-	34.49	7.16	34.89			
AV	5.3928G	53.73	54.00	-0.27	46.96	3	Vertical	166	1.68	-	34.49	7.16	34.88			

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

5240MHz_TX

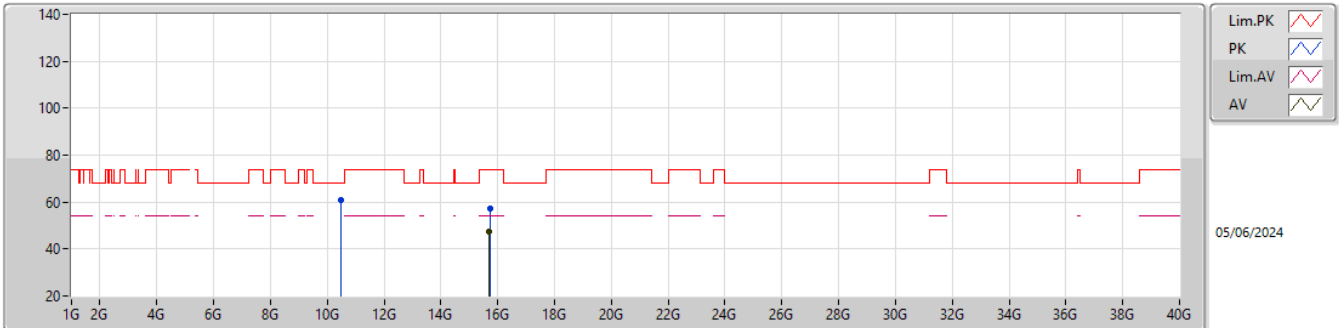


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.13G	60.58	74.00	-13.42	54.78	3	Horizontal	188	2.20	-	33.88	6.77	34.85			
AV	5.1448G	51.39	54.00	-2.61	45.48	3	Horizontal	188	2.20	-	33.97	6.79	34.85			
PK	5.2376G	121.09	Inf	-Inf	114.93	3	Horizontal	188	2.20	-	34.08	6.94	34.86			
AV	5.2376G	113.84	Inf	-Inf	107.68	3	Horizontal	188	2.20	-	34.08	6.94	34.86			
PK	5.3956G	62.86	74.00	-11.14	56.10	3	Horizontal	188	2.20	-	34.49	7.16	34.89			
AV	5.4016G	53.95	54.00	-0.05	47.17	3	Horizontal	188	2.20	-	34.50	7.17	34.89			

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

5240MHz_TX

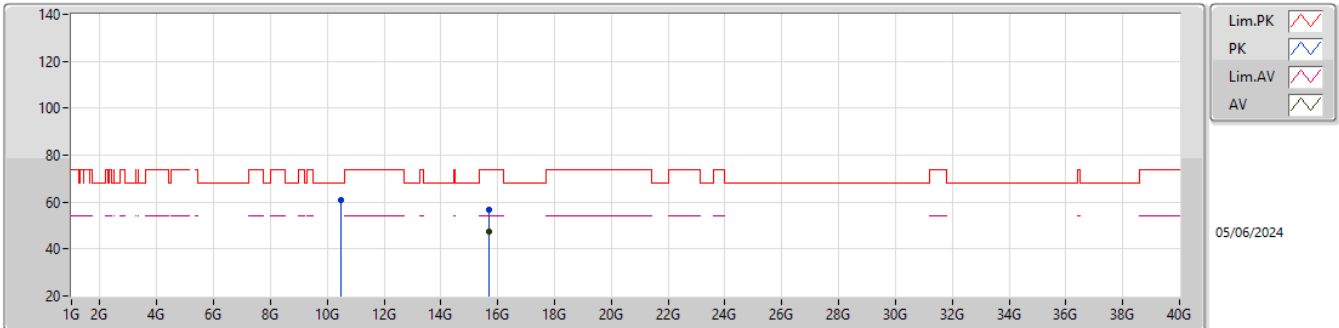


EUT_Y_4TX
Setting 100
03-H-E-2

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	10.48276G	61.11	68.20	-7.09	78.60	3	Vertical	84	1.76	-	37.97	10.68	66.14			
PK	15.71592G	57.33	74.00	-16.67	69.43	3	Vertical	229	1.80	-	37.97	12.73	62.80			
AV	15.70856G	47.20	54.00	-6.80	59.29	3	Vertical	229	1.80	-	37.98	12.73	62.80			

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

5240MHz_TX

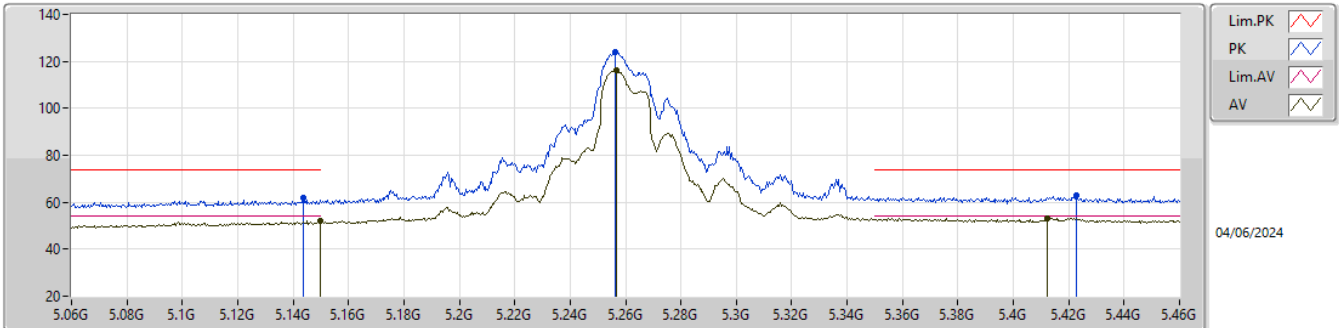


EUT_Y_4TX
Setting 100
03-H-E-2

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	10.47652G	61.00	68.20	-7.20	78.53	3	Horizontal	136	1.55	-	37.95	10.67	66.15			
PK	15.71216G	56.86	74.00	-17.14	68.95	3	Horizontal	0	3.00	-	37.98	12.73	62.80			
AV	15.7028G	47.37	54.00	-6.63	59.44	3	Horizontal	0	3.00	-	37.99	12.73	62.79			

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

5260MHz_TX

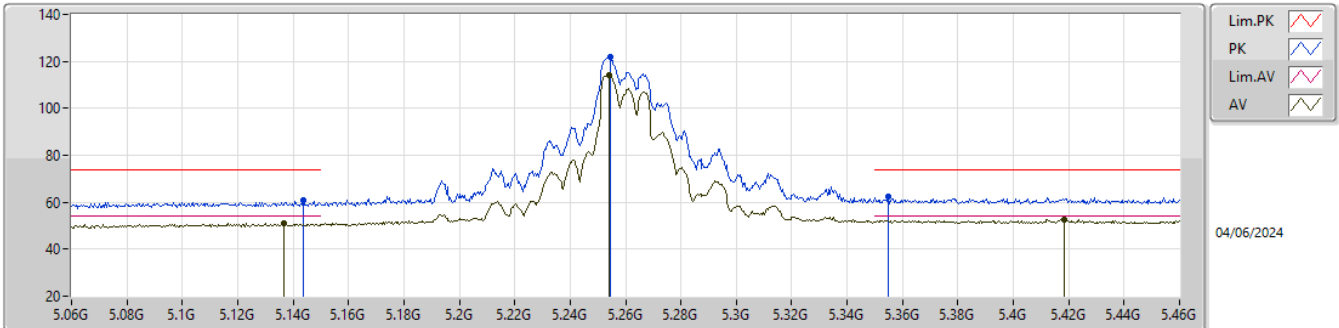


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.1436G	61.78	74.00	-12.22	55.88	3	Vertical	167	1.74	-	33.96	6.79	34.85			
AV	5.15G	51.92	54.00	-2.08	45.97	3	Vertical	167	1.74	-	34.00	6.80	34.85			
PK	5.2564G	124.10	Inf	-Inf	117.87	3	Vertical	167	1.74	-	34.13	6.97	34.87			
AV	5.2568G	116.23	Inf	-Inf	110.00	3	Vertical	167	1.74	-	34.13	6.97	34.87			
PK	5.4228G	62.80	74.00	-11.20	55.99	3	Vertical	167	1.74	-	34.50	7.20	34.89			
AV	5.4124G	53.36	54.00	-0.64	46.56	3	Vertical	167	1.74	-	34.50	7.19	34.89			

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

5260MHz_TX

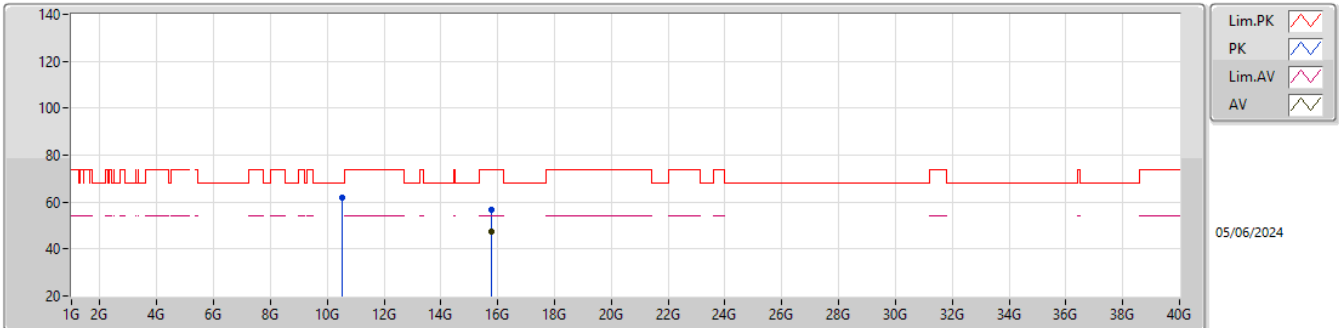


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.1436G	60.92	74.00	-13.08	55.02	3	Horizontal	325	1.96	-	33.96	6.79	34.85			
AV	5.1368G	50.92	54.00	-3.08	45.07	3	Horizontal	325	1.96	-	33.92	6.78	34.85			
PK	5.2544G	121.87	Inf	-Inf	115.65	3	Horizontal	325	1.96	-	34.12	6.97	34.87			
AV	5.254G	114.24	Inf	-Inf	108.02	3	Horizontal	325	1.96	-	34.12	6.97	34.87			
PK	5.3548G	62.21	74.00	-11.79	55.57	3	Horizontal	325	1.96	-	34.41	7.11	34.88			
AV	5.4184G	52.68	54.00	-1.32	45.88	3	Horizontal	325	1.96	-	34.50	7.19	34.89			

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

5260MHz_TX

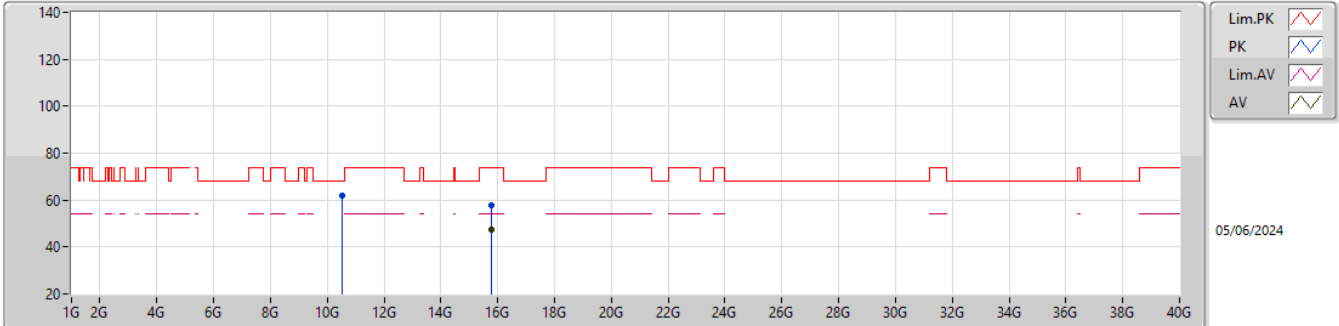


EUT_Y_4TX
Setting 100
03-H-E-2

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	10.52248G	62.05	68.20	-6.15	79.48	3	Vertical	83	1.88	-	38.00	10.70	66.13			
PK	15.79684G	56.93	74.00	-17.07	69.40	3	Vertical	66	1.80	-	37.62	12.76	62.85			
AV	15.78184G	47.25	54.00	-6.75	59.63	3	Vertical	66	1.80	-	37.71	12.75	62.84			

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

5260MHz_TX

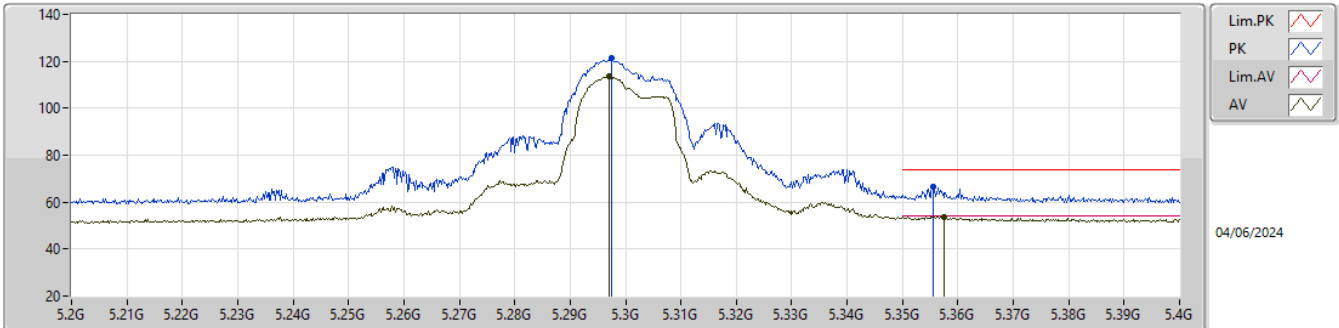


EUT_Y_4TX
Setting 100
03-H-E-2

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	10.51656G	62.03	68.20	-6.17	79.46	3	Horizontal	128	1.58	-	38.00	10.70	66.13			
PK	15.79984G	57.76	74.00	-16.24	70.25	3	Horizontal	314	2.40	-	37.60	12.76	62.85			
AV	15.76512G	47.21	54.00	-6.79	59.48	3	Horizontal	314	2.40	-	37.81	12.75	62.83			

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

5300MHz_TX

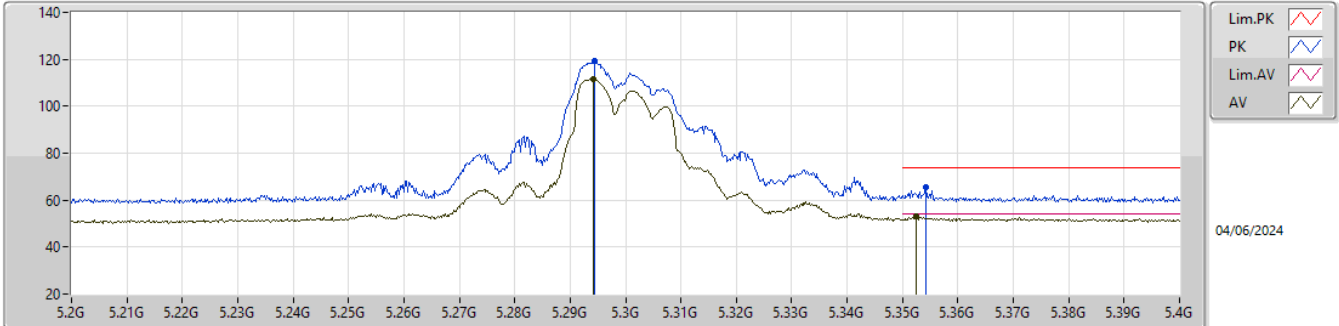


EUT_Y_4TX
Setting 91
03-H-K-5-10

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	5.2974G	121.18	Inf	-Inf	114.73	3	Vertical	165	1.80	-	34.29	7.03	34.87			
AV	5.297G	113.46	Inf	-Inf	107.01	3	Vertical	165	1.80	-	34.29	7.03	34.87			
PK	5.3556G	66.67	74.00	-7.33	60.03	3	Vertical	165	1.80	-	34.41	7.11	34.88			
AV	5.3574G	53.87	54.00	-0.13	47.23	3	Vertical	165	1.80	-	34.41	7.11	34.88			

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

5300MHz_TX

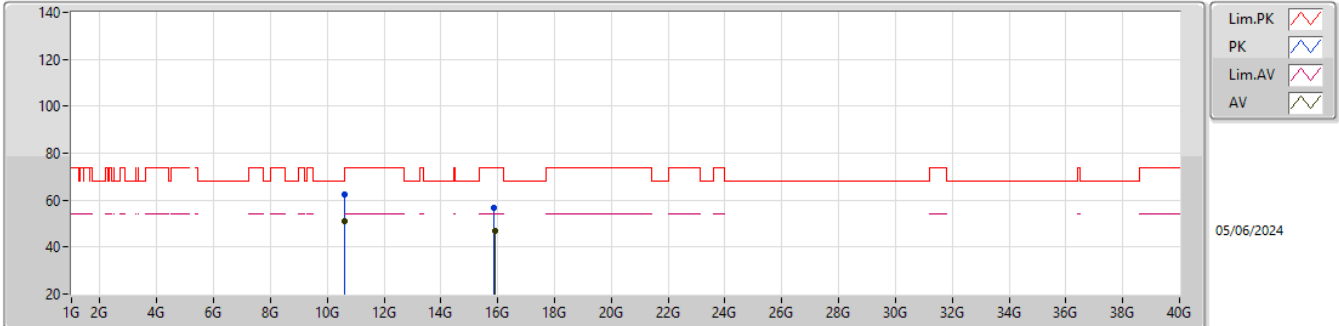


EUT_Y_4TX
Setting 91
03-H-K-5-10

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	5.2944G	119.33	Inf	-Inf	112.90	3	Horizontal	319	2.07	-	34.28	7.02	34.87			
AV	5.2942G	111.66	Inf	-Inf	105.23	3	Horizontal	319	2.07	-	34.28	7.02	34.87			
PK	5.3542G	65.59	74.00	-8.41	58.95	3	Horizontal	319	2.07	-	34.41	7.11	34.88			
AV	5.3524G	52.92	54.00	-1.08	46.30	3	Horizontal	319	2.07	-	34.40	7.10	34.88			

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

5300MHz_TX

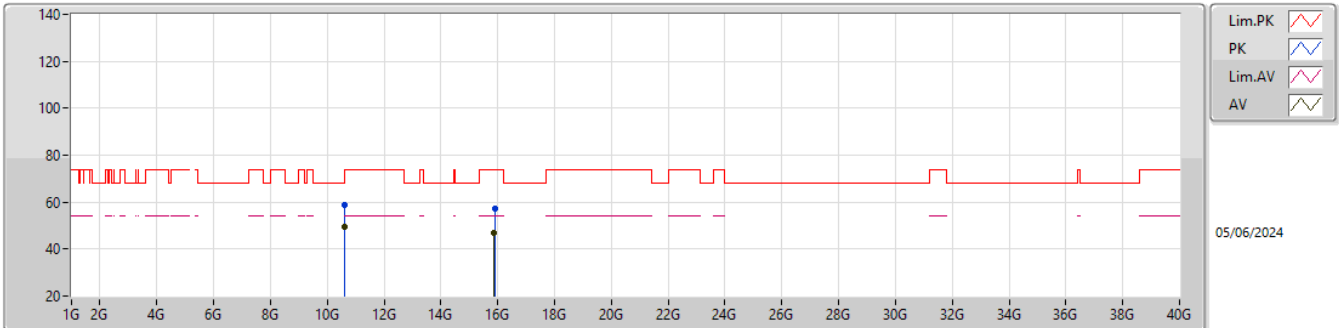


EUT_Y_4TX
Setting 91
03-H-E-2

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	10.60236G	62.39	74.00	-11.61	79.66	3	Vertical	82	1.91	-	38.20	10.74	66.21			
AV	10.60288G	51.03	54.00	-2.97	68.30	3	Vertical	82	1.91	-	38.20	10.74	66.21			
PK	15.8832G	56.65	74.00	-17.35	69.27	3	Vertical	344	1.80	-	37.50	12.78	62.90			
AV	15.89464G	47.05	54.00	-6.95	59.67	3	Vertical	344	1.80	-	37.50	12.79	62.91			

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

5300MHz_TX

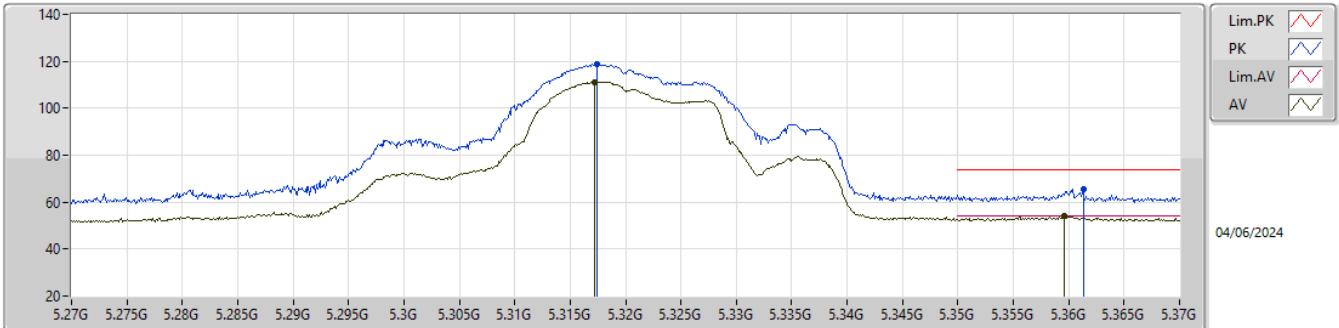


EUT_Y_4TX
Setting 91
03-H-E-2

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	10.6003G	58.83	74.00	-15.17	76.10	3	Horizontal	208	1.80	-	38.20	10.74	66.21			
AV	10.60022G	49.55	54.00	-4.45	66.82	3	Horizontal	208	1.80	-	38.20	10.74	66.21			
PK	15.89348G	57.24	74.00	-16.76	69.86	3	Horizontal	0	1.80	-	37.50	12.79	62.91			
AV	15.88652G	47.13	54.00	-6.87	59.75	3	Horizontal	0	1.80	-	37.50	12.78	62.90			

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

5320MHz_TX

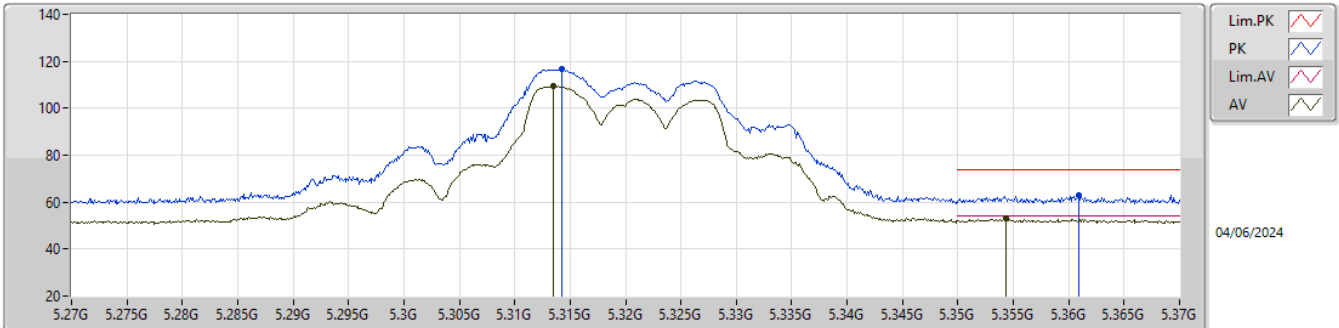


EUT_Y_4TX
Setting 84
03-H-K-5-10

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	5.3174G	118.87	Inf	-Inf	112.36	3	Vertical	162	1.71	-	34.33	7.05	34.87			
AV	5.3172G	111.25	Inf	-Inf	104.74	3	Vertical	162	1.71	-	34.33	7.05	34.87			
PK	5.3613G	65.45	74.00	-8.55	58.79	3	Vertical	162	1.71	-	34.42	7.12	34.88			
AV	5.3596G	53.90	54.00	-0.10	47.25	3	Vertical	162	1.71	-	34.42	7.11	34.88			

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

5320MHz_TX

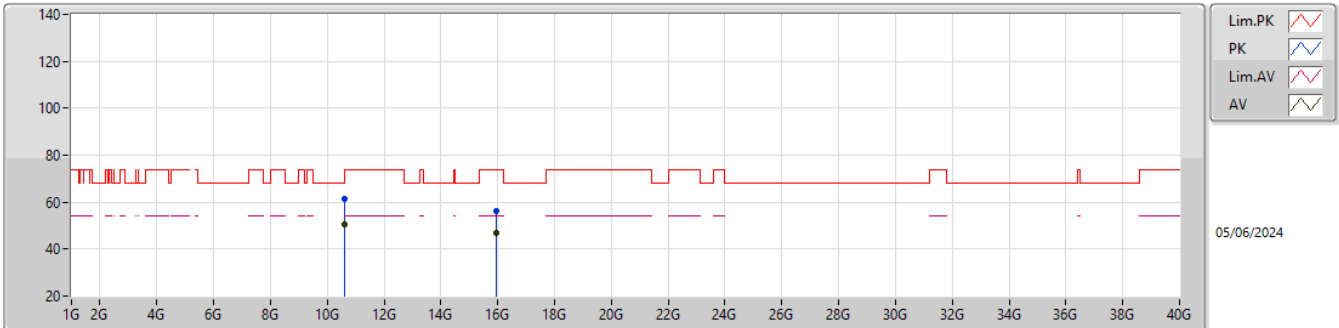


EUT_Y_4TX
Setting 84
03-H-K-5-10

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	5.3143G	116.77	Inf	-Inf	110.26	3	Horizontal	330	1.97	-	34.33	7.05	34.87			
AV	5.3135G	109.39	Inf	-Inf	102.88	3	Horizontal	330	1.97	-	34.33	7.05	34.87			
PK	5.3609G	62.93	74.00	-11.07	56.27	3	Horizontal	330	1.97	-	34.42	7.12	34.88			
AV	5.3543G	53.06	54.00	-0.94	46.42	3	Horizontal	330	1.97	-	34.41	7.11	34.88			

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

5320MHz_TX

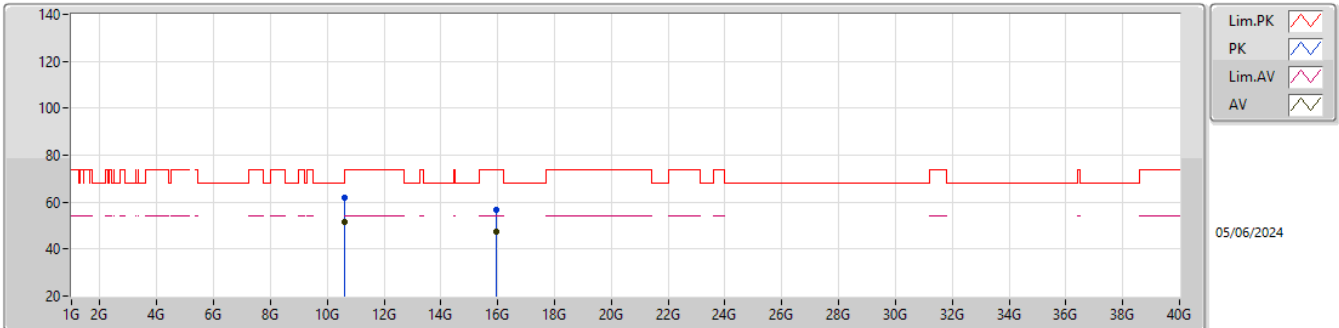


EUT_Y_4TX
Setting 84
03-H-E-2

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	10.62988G	61.58	74.00	-12.42	78.86	3	Vertical	222	1.80	-	38.20	10.76	66.24			
AV	10.62988G	50.60	54.00	-3.40	67.88	3	Vertical	222	1.80	-	38.20	10.76	66.24			
PK	15.9472G	56.36	74.00	-17.64	69.00	3	Vertical	124	1.80	-	37.50	12.80	62.94			
AV	15.9654G	47.05	54.00	-6.95	59.66	3	Vertical	124	1.80	-	37.53	12.81	62.95			

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

5320MHz_TX

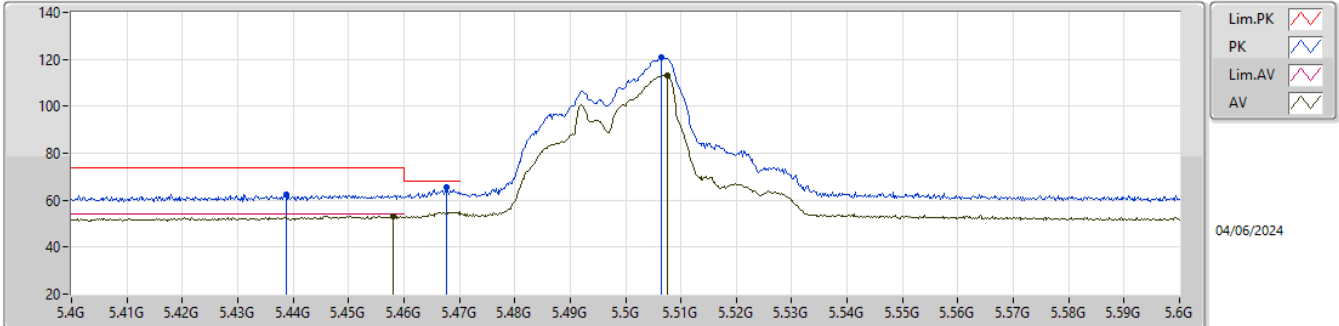


EUT_Y_4TX
Setting 84
03-H-E-2

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	10.6278G	61.82	74.00	-12.18	79.10	3	Horizontal	140	1.35	-	38.20	10.76	66.24			
AV	10.62768G	51.73	54.00	-2.27	69.01	3	Horizontal	140	1.35	-	38.20	10.76	66.24			
PK	15.97132G	56.84	74.00	-17.16	69.44	3	Horizontal	15	1.26	-	37.54	12.81	62.95			
AV	15.9452G	47.22	54.00	-6.78	59.86	3	Horizontal	15	1.26	-	37.50	12.80	62.94			

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

5500MHz_TX

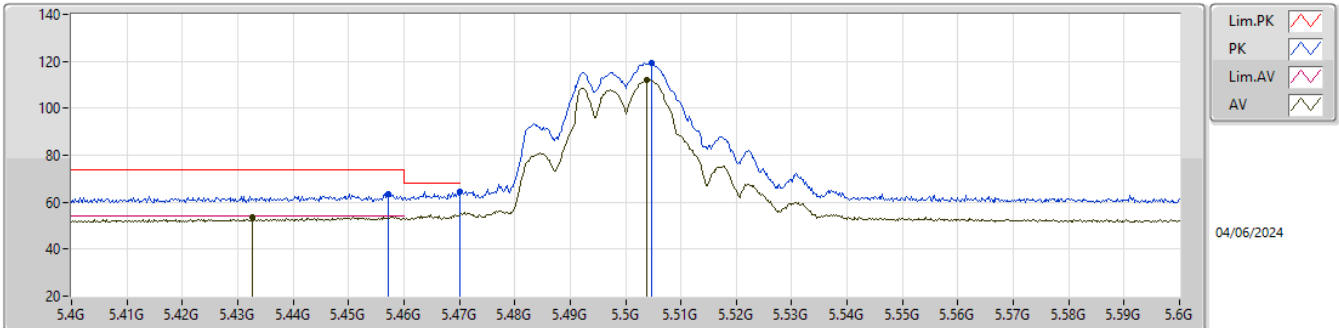


EUT_Y_4TX
Setting 87
03-H-K-5-10

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	5.4388G	62.62	74.00	-11.38	55.79	3	Vertical	128	1.68	-	34.50	7.22	34.89			
PK	5.4676G	65.39	68.20	-2.81	58.49	3	Vertical	128	1.68	-	34.54	7.26	34.90			
AV	5.458G	53.31	54.00	-0.69	46.43	3	Vertical	128	1.68	-	34.52	7.25	34.89			
PK	5.5064G	120.70	Inf	-Inf	113.72	3	Vertical	128	1.68	-	34.57	7.31	34.90			
AV	5.5076G	113.23	Inf	-Inf	106.24	3	Vertical	128	1.68	-	34.57	7.32	34.90			

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

5500MHz_TX

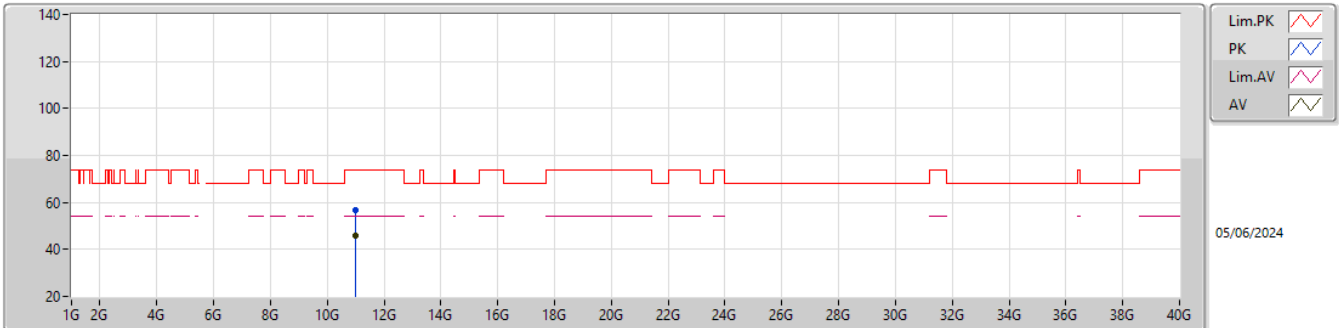


EUT_Y_4TX
Setting 87
03-H-K-5-10

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	5.4572G	63.70	74.00	-10.30	56.83	3	Horizontal	180	1.45	-	34.51	7.25	34.89			
AV	5.4326G	53.81	54.00	-0.19	46.99	3	Horizontal	180	1.45	-	34.50	7.21	34.89			
PK	5.47G	64.46	68.20	-3.74	57.56	3	Horizontal	180	1.45	-	34.54	7.26	34.90			
PK	5.5048G	119.29	Inf	-Inf	112.30	3	Horizontal	180	1.45	-	34.58	7.31	34.90			
AV	5.5038G	112.32	Inf	-Inf	105.33	3	Horizontal	180	1.45	-	34.58	7.31	34.90			

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

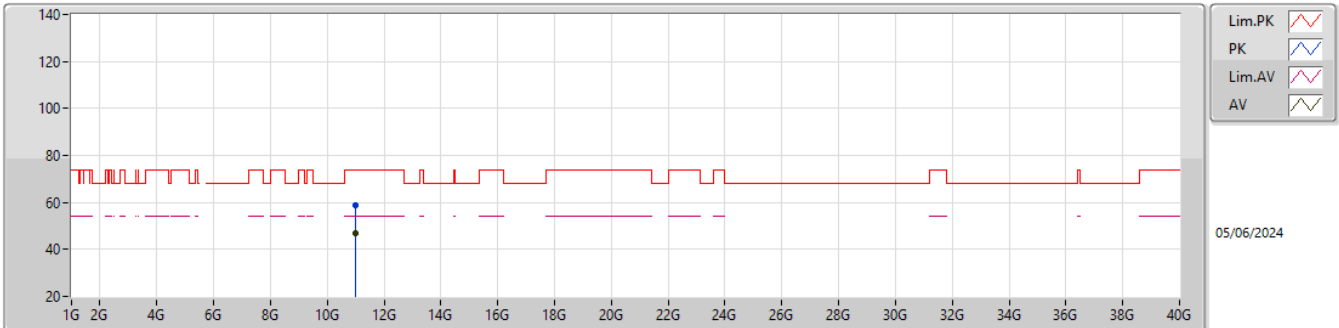
5500MHz_TX

EUT_Y_4TX
Setting 87
03-H-E-2

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	11.00328G	56.94	74.00	-17.06	74.28	3	Vertical	88	1.80	-	38.31	10.97	66.62			
AV	11.00072G	45.87	54.00	-8.13	63.22	3	Vertical	88	1.80	-	38.30	10.97	66.62			

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

5500MHz_TX

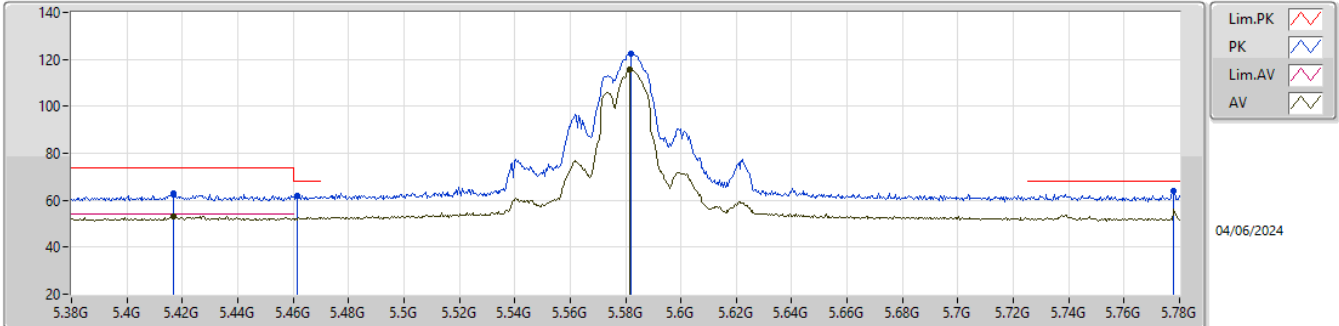


EUT_V_4TX
Setting 87
03-H-E-2

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	10.99652G	58.99	74.00	-15.01	76.35	3	Horizontal	118	1.28	-	38.30	10.96	66.62			
AV	10.99548G	46.66	54.00	-7.34	64.02	3	Horizontal	118	1.28	-	38.30	10.96	66.62			

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

5580MHz_TX

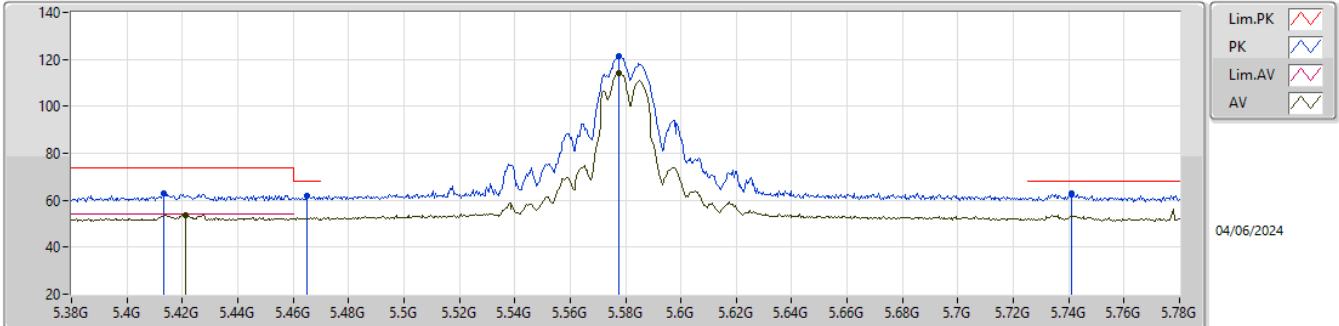


EUT_Y_4TX
Setting 92
03-H-K-5-10

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	5.4168G	62.77	74.00	-11.23	55.97	3	Vertical	198	1.31	-	34.50	7.19	34.89			
AV	5.4168G	53.13	54.00	-0.87	46.33	3	Vertical	198	1.31	-	34.50	7.19	34.89			
PK	5.4616G	61.99	68.20	-6.21	55.11	3	Vertical	198	1.31	-	34.52	7.25	34.89			
PK	5.582G	122.31	Inf	-Inf	115.49	3	Vertical	198	1.31	-	34.34	7.42	34.94			
AV	5.5816G	115.56	Inf	-Inf	108.74	3	Vertical	198	1.31	-	34.34	7.42	34.94			
PK	5.7776G	63.88	68.20	-4.32	57.19	3	Vertical	198	1.31	-	34.20	7.52	35.03			

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

5580MHz_TX

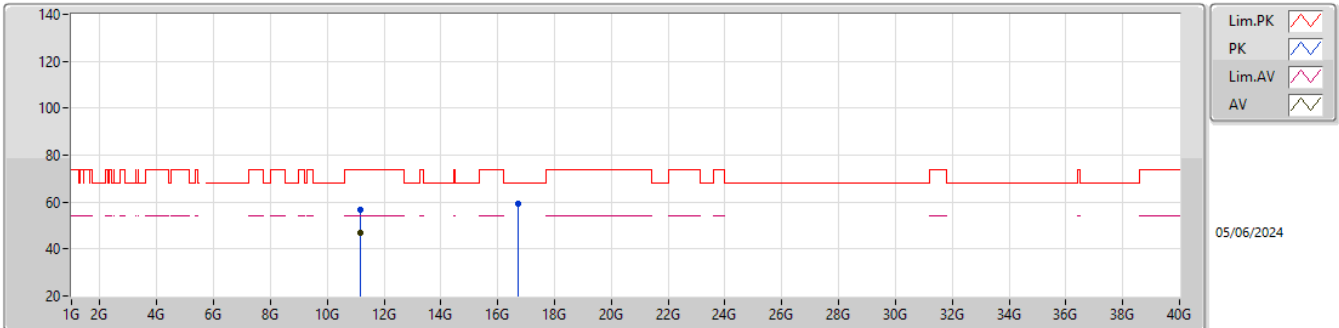


EUT Y_4TX
Setting 92
03-H-K-5-10

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	5.4132G	62.72	74.00	-11.28	55.92	3	Horizontal	164	1.89	-	34.50	7.19	34.89			
AV	5.4212G	53.84	54.00	-0.16	47.03	3	Horizontal	164	1.89	-	34.50	7.20	34.89			
PK	5.4652G	61.75	68.20	-6.45	54.86	3	Horizontal	164	1.89	-	34.53	7.26	34.90			
PK	5.5776G	121.62	Inf	-Inf	114.81	3	Horizontal	164	1.89	-	34.34	7.41	34.94			
AV	5.5776G	113.95	Inf	-Inf	107.14	3	Horizontal	164	1.89	-	34.34	7.41	34.94			
PK	5.7412G	62.85	68.20	-5.35	56.19	3	Horizontal	164	1.89	-	34.18	7.50	35.02			

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

5580MHz_TX

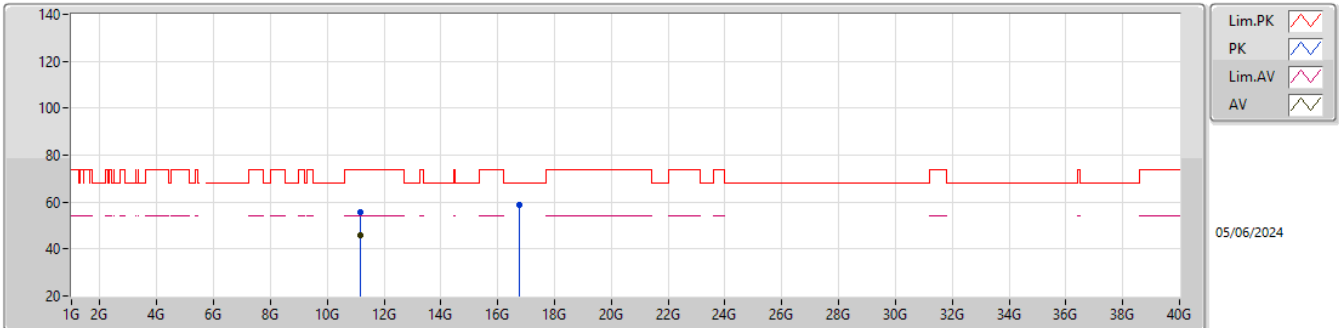


EUT_Y_4TX
Setting 92
03-H-E-2

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	11.156G	56.58	74.00	-17.42	73.67	3	Vertical	234	1.65	-	38.31	11.05	66.45			
AV	11.15676G	47.13	54.00	-6.87	64.22	3	Vertical	234	1.65	-	38.31	11.05	66.45			
PK	16.73296G	59.52	68.20	-8.68	70.22	3	Vertical	2	1.16	-	39.07	13.32	63.09			

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

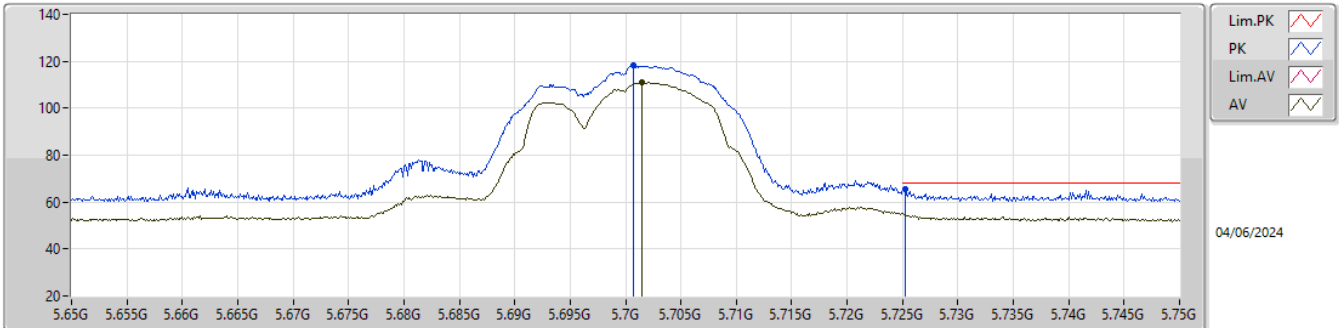
5580MHz_TX

EUT_Y_4TX
Setting 92
03-H-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	11.15336G	55.78	74.00	-18.22	72.87	3	Horizontal	360	1.86	-	38.31	11.05	66.45			
AV	11.1584G	45.78	54.00	-8.22	62.86	3	Horizontal	360	1.86	-	38.32	11.05	66.45			
PK	16.74356G	59.00	68.20	-9.20	69.66	3	Horizontal	136	1.91	-	39.09	13.33	63.08			

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

5700MHz_TX

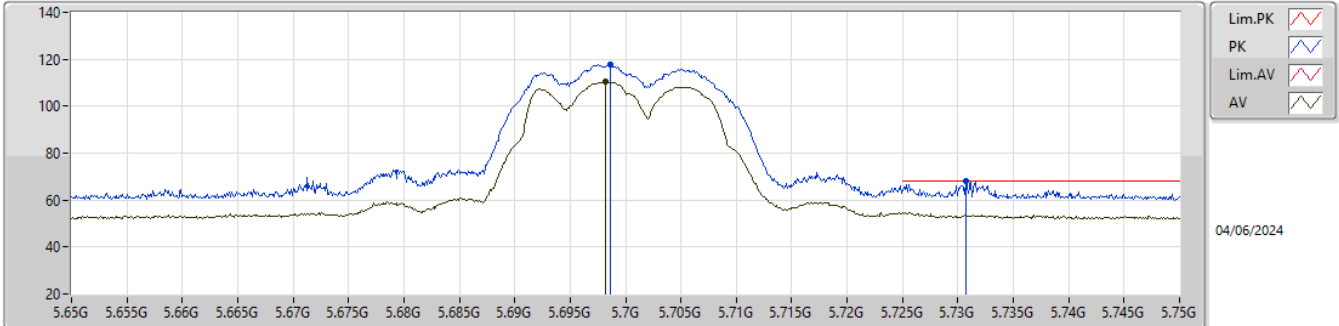


EUT_Y_4TX
Setting 77
03-H-K-5-10

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	5.7007G	118.51	Inf	-Inf	111.92	3	Vertical	199	1.23	-	34.10	7.49	35.00			
AV	5.7015G	111.05	Inf	-Inf	104.46	3	Vertical	199	1.23	-	34.10	7.49	35.00			
PK	5.7253G	65.55	68.20	-2.65	58.91	3	Vertical	199	1.23	-	34.15	7.50	35.01			

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

5700MHz_TX

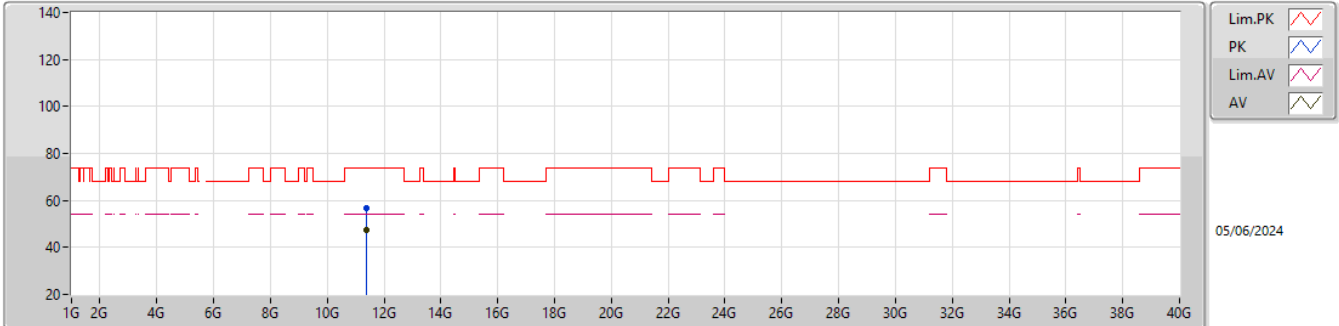


EUT_Y_4TX
Setting 77
03-H-K-5-10

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	5.6986G	117.79	Inf	-Inf	111.21	3	Horizontal	170	1.90	-	34.10	7.48	35.00			
AV	5.6982G	110.27	Inf	-Inf	103.69	3	Horizontal	170	1.90	-	34.10	7.48	35.00			
PK	5.7307G	68.00	68.20	-0.20	61.35	3	Horizontal	170	1.90	-	34.16	7.50	35.01			

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

5700MHz_TX

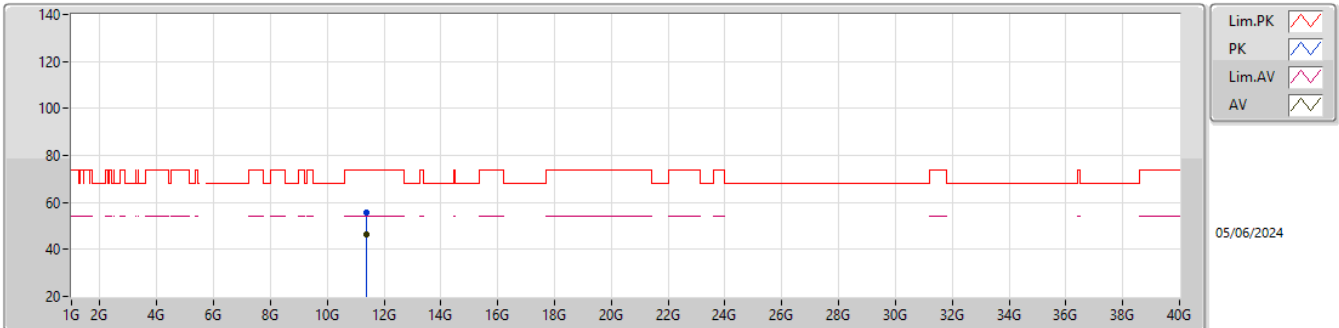


EUT_V_4TX
Setting 77
03-H-E-2

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	11.39964G	56.78	74.00	-17.22	73.07	3	Vertical	344	1.80	-	38.70	11.19	66.18			
AV	11.39852G	47.39	54.00	-6.61	63.68	3	Vertical	344	1.80	-	38.70	11.19	66.18			

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

5700MHz_TX

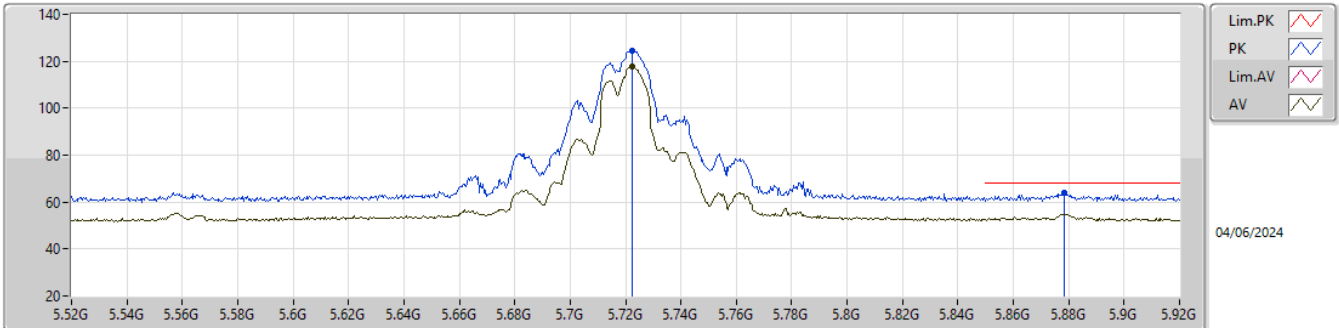


EUT V_4TX
Setting 77
03-H-E-2

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	11.38972G	55.74	74.00	-18.26	72.07	3	Horizontal	289	1.94	-	38.68	11.18	66.19			
AV	11.39424G	46.27	54.00	-7.73	62.59	3	Horizontal	289	1.94	-	38.69	11.18	66.19			

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

5720MHz Straddle 5.47-5.725GHz_TX

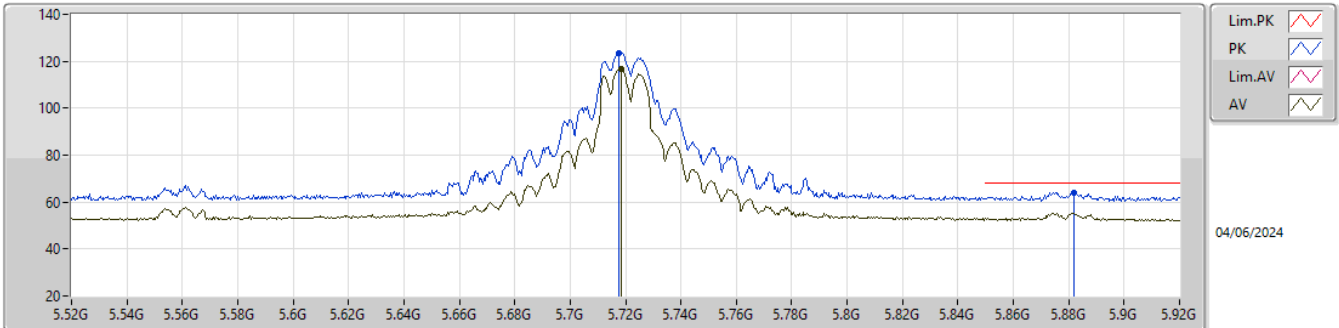


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.7224G	124.65	Inf	-Inf	118.02	3	Vertical	195	1.90	-	34.14	7.50	35.01			
AV	5.7224G	117.68	Inf	-Inf	111.05	3	Vertical	195	1.90	-	34.14	7.50	35.01			
PK	5.8784G	63.98	68.20	-4.22	57.06	3	Vertical	195	1.90	-	34.41	7.59	35.08			

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

5720MHz Straddle 5.47-5.725GHz_TX

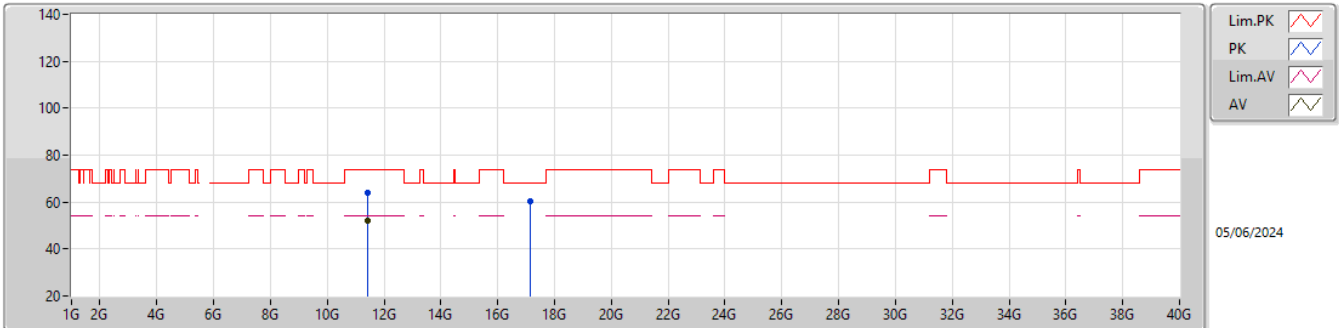


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.7176G	123.60	Inf	-Inf	116.97	3	Horizontal	169	1.97	-	34.14	7.49	35.00			
AV	5.7184G	116.59	Inf	-Inf	109.96	3	Horizontal	169	1.97	-	34.14	7.49	35.00			
PK	5.882G	64.17	68.20	-4.03	57.22	3	Horizontal	169	1.97	-	34.43	7.60	35.08			

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

5720MHz Straddle 5.47-5.725GHz_TX

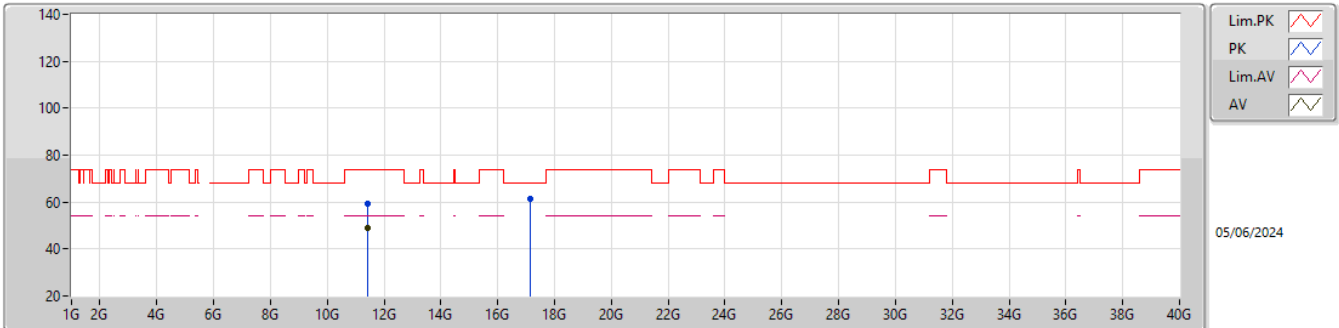


EUT_Y_4TX
Setting 100
03-H-E-2

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	11.43656G	63.71	74.00	-10.29	79.94	3	Vertical	233	1.80	-	38.70	11.21	66.14			
AV	11.43584G	51.96	54.00	-2.04	68.19	3	Vertical	233	1.80	-	38.70	11.21	66.14			
PK	17.14568G	60.32	68.20	-7.88	69.42	3	Vertical	282	1.80	-	40.39	13.56	63.05			

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

5720MHz Straddle 5.47-5.725GHz_TX

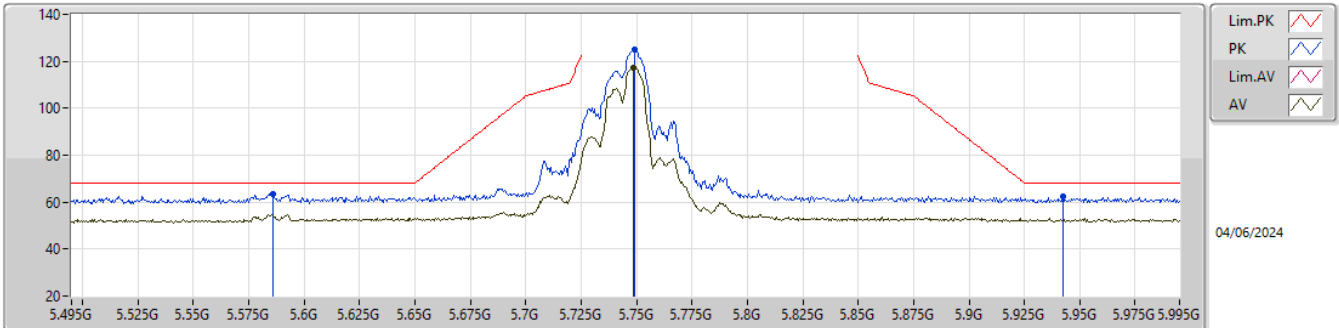


EUT_Y_4TX
Setting 100
03-H-E-2

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	11.4364G	59.16	74.00	-14.84	75.39	3	Horizontal	251	1.38	-	38.70	11.21	66.14			
AV	11.43856G	48.84	54.00	-5.16	65.07	3	Horizontal	251	1.38	-	38.70	11.21	66.14			
PK	17.1608G	61.34	68.20	-6.86	70.40	3	Horizontal	150	1.86	-	40.44	13.56	63.06			

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

5745MHz_TX

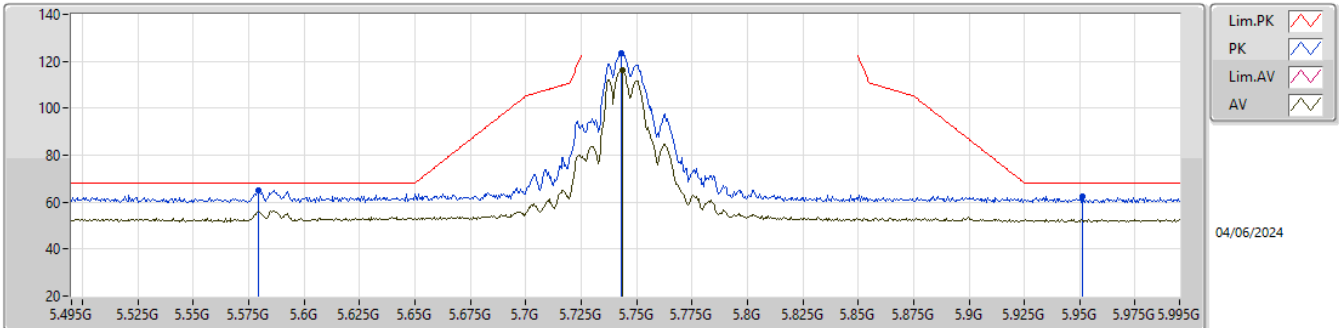


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.586G	63.48	68.20	-4.72	56.67	3	Vertical	327	1.35	-	34.33	7.42	34.94			
PK	5.749G	124.93	Inf	-Inf	118.24	3	Vertical	327	1.35	-	34.20	7.51	35.02			
AV	5.7485G	117.35	Inf	-Inf	110.66	3	Vertical	327	1.35	-	34.20	7.51	35.02			
PK	5.9425G	62.37	68.20	-5.83	55.25	3	Vertical	327	1.35	-	34.59	7.64	35.11			

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

5745MHz_TX

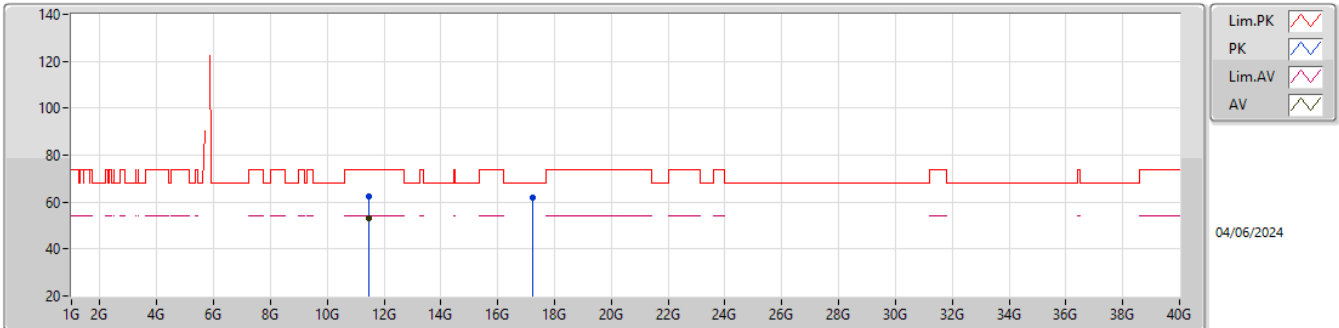


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.5795G	64.79	68.20	-3.41	57.98	3	Horizontal	171	2.23	-	34.34	7.41	34.94			
PK	5.743G	123.53	Inf	-Inf	116.86	3	Horizontal	171	2.23	-	34.19	7.50	35.02			
AV	5.7435G	116.16	Inf	-Inf	109.49	3	Horizontal	171	2.23	-	34.19	7.50	35.02			
PK	5.951G	62.49	68.20	-5.71	55.36	3	Horizontal	171	2.23	-	34.60	7.65	35.12			

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

5745MHz_TX

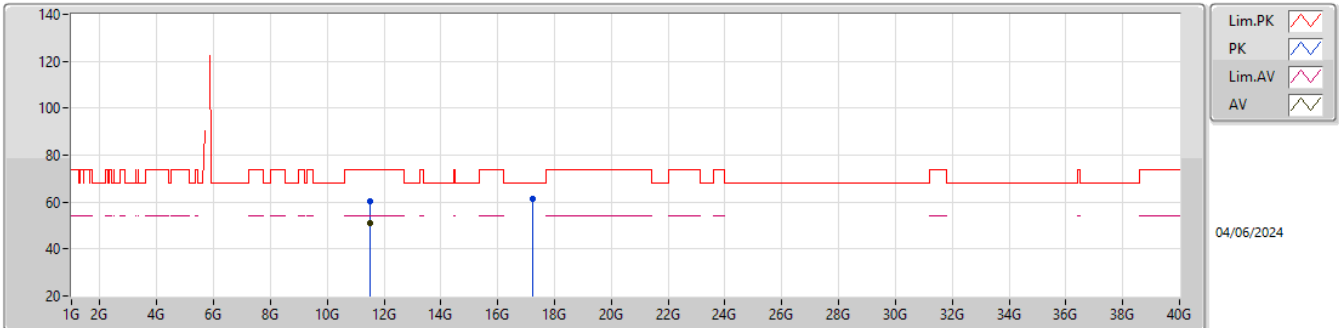


EUT_Y_4TX
Setting 100
03-H-K-5

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	11.48304G	62.61	74.00	-11.39	78.64	3	Vertical	74	1.79	-	38.83	11.23	66.09			
AV	11.48368G	53.12	54.00	-0.88	69.15	3	Vertical	74	1.79	-	38.83	11.23	66.09			
PK	17.24272G	61.71	68.20	-6.49	70.36	3	Vertical	99	2.00	-	40.86	13.60	63.11			

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

5745MHz_TX

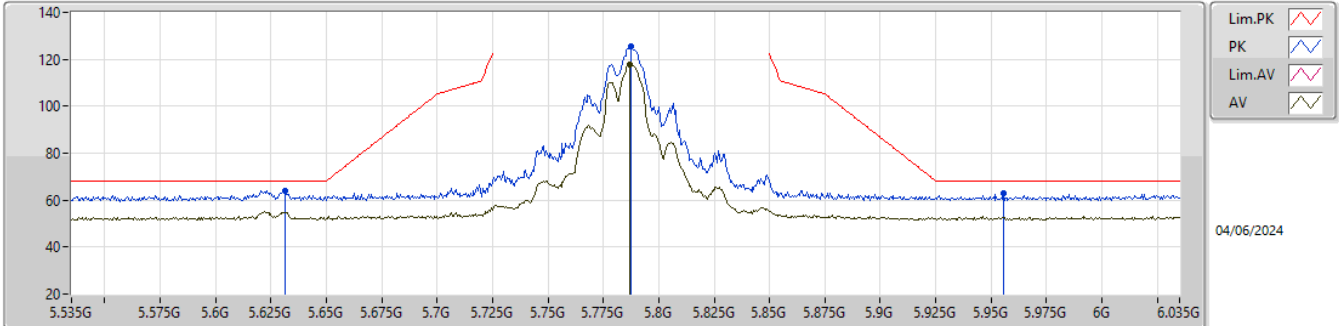


EUT_Y_4TX
Setting 100
03-H-K-5

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	11.48872G	60.46	74.00	-13.54	76.45	3	Horizontal	252	1.28	-	38.85	11.24	66.08			
AV	11.48904G	50.96	54.00	-3.04	66.94	3	Horizontal	252	1.28	-	38.86	11.24	66.08			
PK	17.24588G	61.28	68.20	-6.92	69.91	3	Horizontal	155	1.80	-	40.88	13.60	63.11			

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

5785MHz_TX

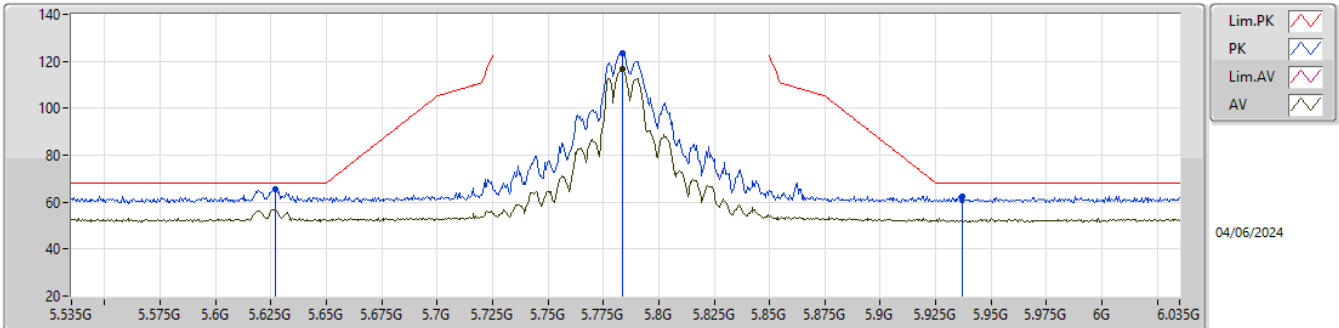


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.6315G	64.21	68.20	-3.99	57.48	3	Vertical	197	1.22	-	34.24	7.45	34.96			
PK	5.7875G	125.26	Inf	-Inf	118.58	3	Vertical	197	1.22	-	34.20	7.52	35.04			
AV	5.787G	117.59	Inf	-Inf	110.91	3	Vertical	197	1.22	-	34.20	7.52	35.04			
PK	5.9555G	62.76	68.20	-5.44	55.63	3	Vertical	197	1.22	-	34.60	7.65	35.12			

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

5785MHz_TX

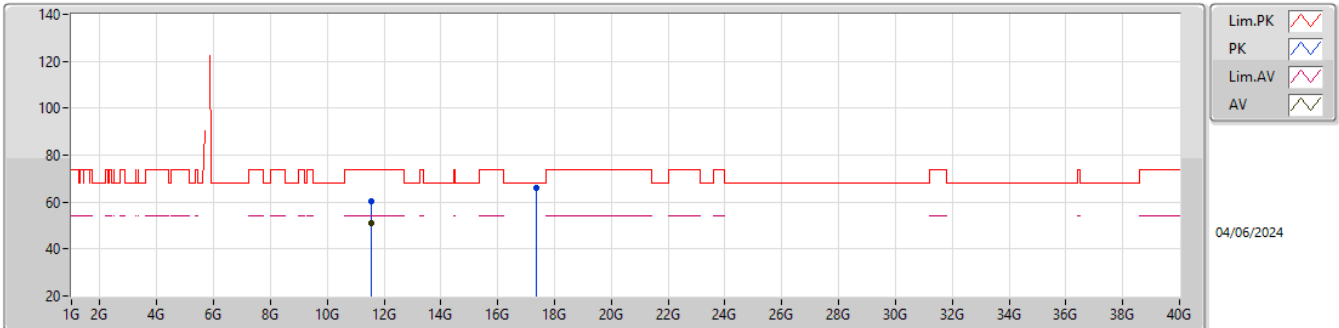


EUT_Y_4TX
Setting 100
03-H-K-5-10

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	5.627G	65.32	68.20	-2.88	58.58	3	Horizontal	172	2.17	-	34.25	7.45	34.96			
PK	5.7835G	123.45	Inf	-Inf	116.77	3	Horizontal	172	2.17	-	34.20	7.52	35.04			
AV	5.7835G	116.50	Inf	-Inf	109.82	3	Horizontal	172	2.17	-	34.20	7.52	35.04			
PK	5.937G	62.65	68.20	-5.55	55.55	3	Horizontal	172	2.17	-	34.57	7.64	35.11			

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

5785MHz_TX

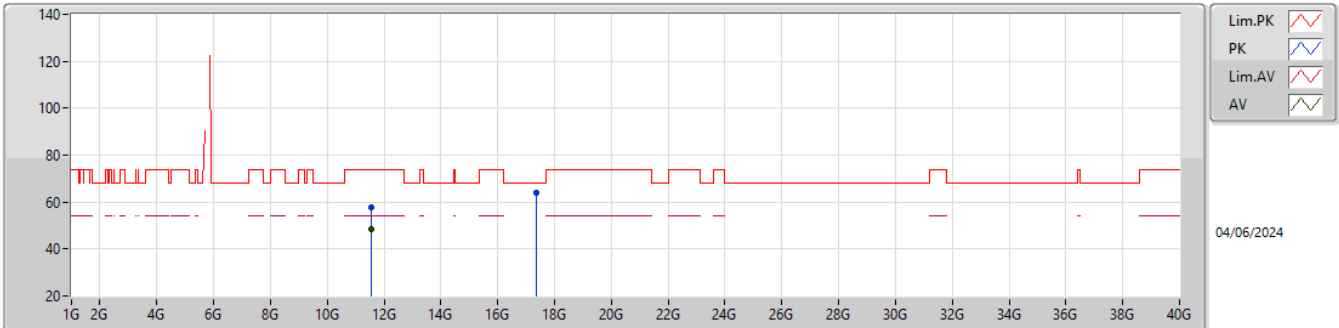


EUT_Y_4TX
Setting 100
03-H-K-5

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	11.56652G	60.15	74.00	-13.85	75.77	3	Vertical	234	1.58	-	39.13	11.28	66.03			
AV	11.56448G	50.82	54.00	-3.18	66.44	3	Vertical	234	1.58	-	39.13	11.28	66.03			
PK	17.35804G	66.08	68.20	-2.12	74.16	3	Vertical	54	1.90	-	41.45	13.64	63.17			

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

5785MHz_TX

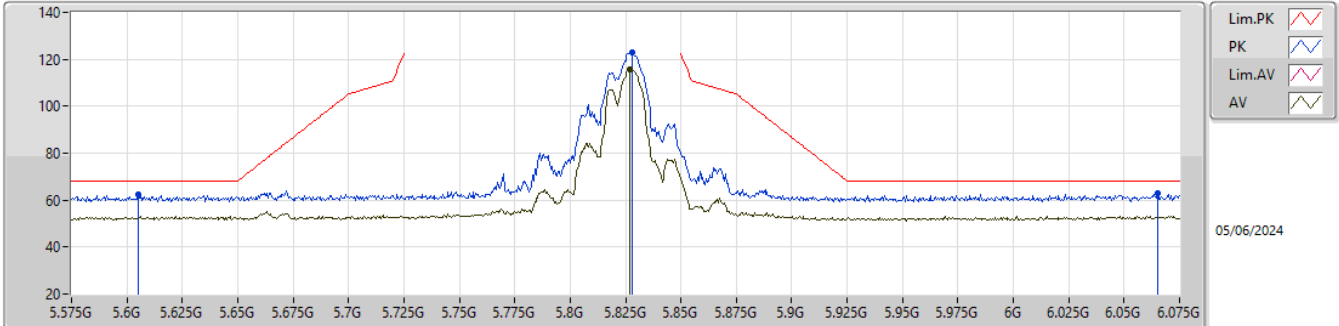


EUT_Y_4TX
Setting 100
03-H-K-5

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	11.56904G	57.96	74.00	-16.04	73.56	3	Horizontal	132	1.83	-	39.14	11.28	66.02			
AV	11.56868G	48.46	54.00	-5.54	64.06	3	Horizontal	132	1.83	-	39.14	11.28	66.02			
PK	17.36196G	64.09	68.20	-4.11	72.16	3	Horizontal	40	2.83	-	41.47	13.64	63.18			

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

5825MHz_TX

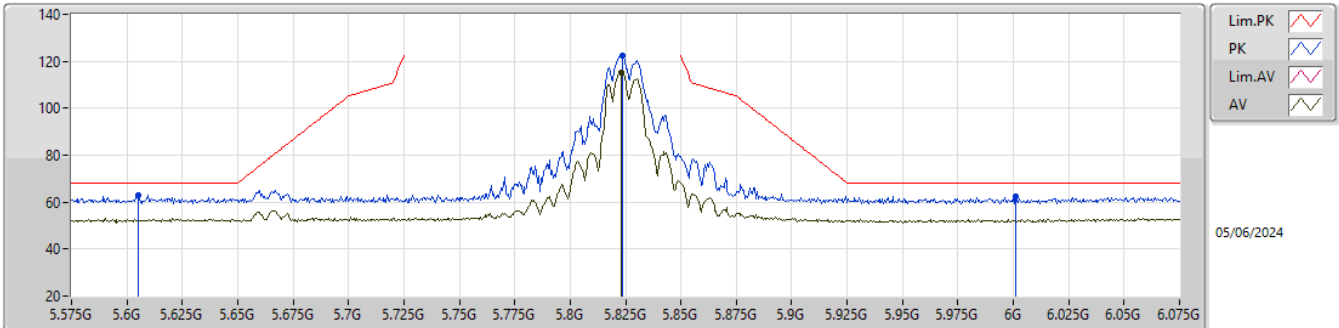


EUT_Y_4TX
Setting 98
03-H-E-2-10

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	5.605G	62.18	68.20	-6.02	55.40	3	Vertical	196	1.32	-	34.29	7.44	34.95			
PK	5.828G	122.68	Inf	-Inf	115.93	3	Vertical	196	1.32	-	34.26	7.55	35.06			
AV	5.827G	115.76	Inf	-Inf	109.02	3	Vertical	196	1.32	-	34.25	7.55	35.06			
PK	6.065G	63.06	68.20	-5.14	55.73	3	Vertical	196	1.32	-	34.69	7.76	35.12			

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

5825MHz_TX

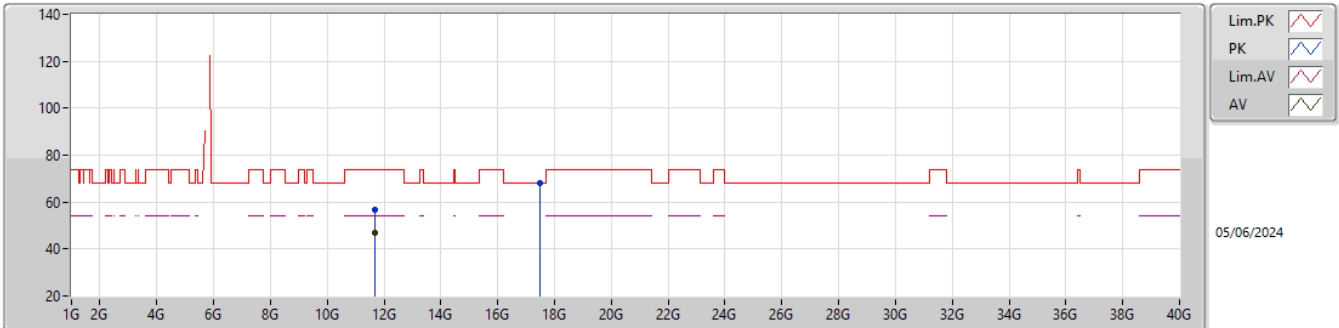


EUT_Y_4TX
Setting 98
03-H-E-2-10

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	5.605G	63.00	68.20	-5.20	56.22	3	Horizontal	174	2.15	-	34.29	7.44	34.95			
PK	5.8235G	122.64	Inf	-Inf	115.90	3	Horizontal	174	2.15	-	34.25	7.55	35.06			
AV	5.823G	115.11	Inf	-Inf	108.37	3	Horizontal	174	2.15	-	34.25	7.55	35.06			
PK	6.001G	62.53	68.20	-5.67	55.38	3	Horizontal	174	2.15	-	34.60	7.69	35.14			

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

5825MHz_TX

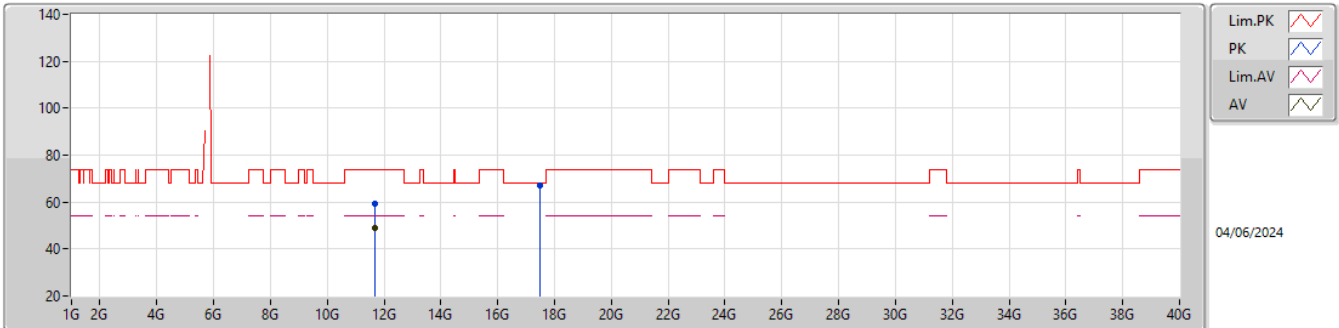


EUT_Y_4TX
Setting 98
03-H-K-5

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	11.65952G	56.68	74.00	-17.32	72.07	3	Vertical	66	1.87	-	39.24	11.33	65.96			
AV	11.65864G	47.03	54.00	-6.97	62.44	3	Vertical	66	1.87	-	39.23	11.33	65.97			
PK	17.4784G	67.98	68.20	-0.22	75.21	3	Vertical	47	1.90	-	42.33	13.69	63.25			

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

5825MHz_TX

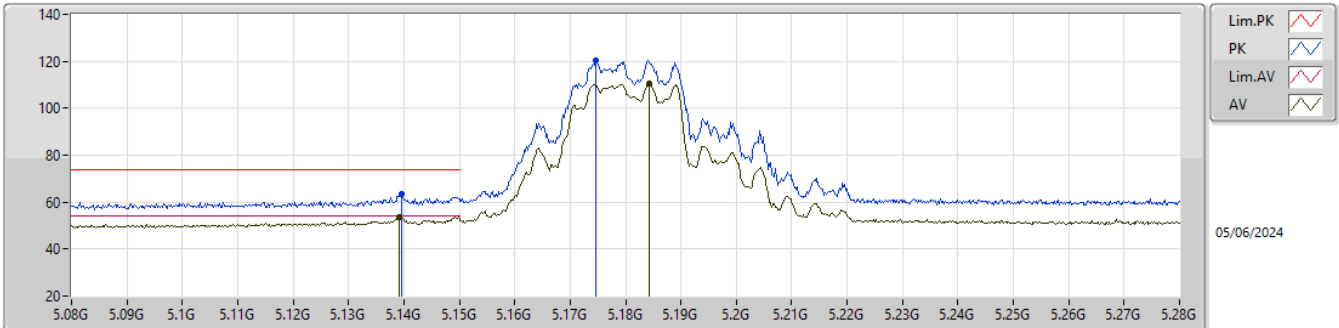


EUT_Y_4TX
Setting 98
03-H-K-5

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	11.6586G	59.18	74.00	-14.82	74.59	3	Horizontal	46	2.17	-	39.23	11.33	65.97			
AV	11.66128G	48.98	54.00	-5.02	64.36	3	Horizontal	46	2.17	-	39.25	11.33	65.96			
PK	17.47796G	66.95	68.20	-1.25	74.19	3	Horizontal	48	1.92	-	42.32	13.69	63.25			

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

5180MHz_TX

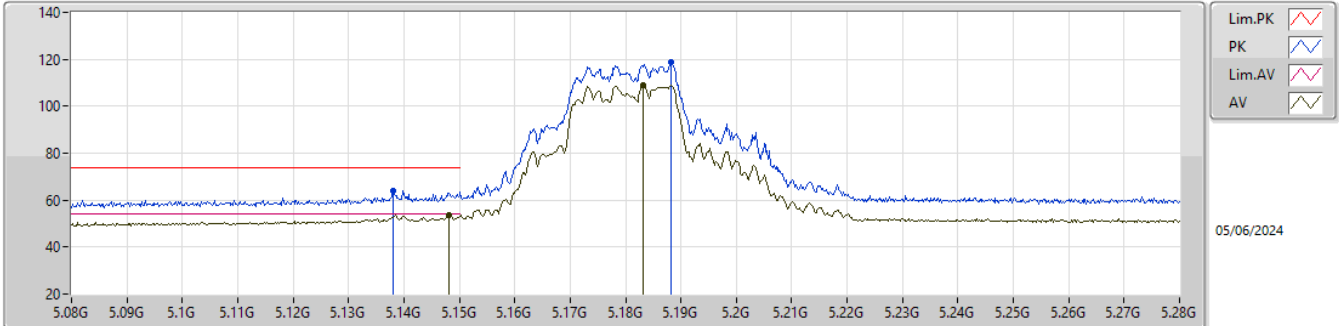


EUT_Y_4TX
Setting 84
03-H-E-2-10

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	5.1396G	63.23	74.00	-10.77	57.36	3	Vertical	158	1.78	-	33.94	6.78	34.85			
AV	5.1392G	53.51	54.00	-0.49	47.64	3	Vertical	158	1.78	-	33.94	6.78	34.85			
PK	5.1746G	120.47	Inf	-Inf	114.47	3	Vertical	158	1.78	-	34.00	6.85	34.85			
AV	5.1842G	110.49	Inf	-Inf	104.49	3	Vertical	158	1.78	-	34.00	6.86	34.86			

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

5180MHz_TX

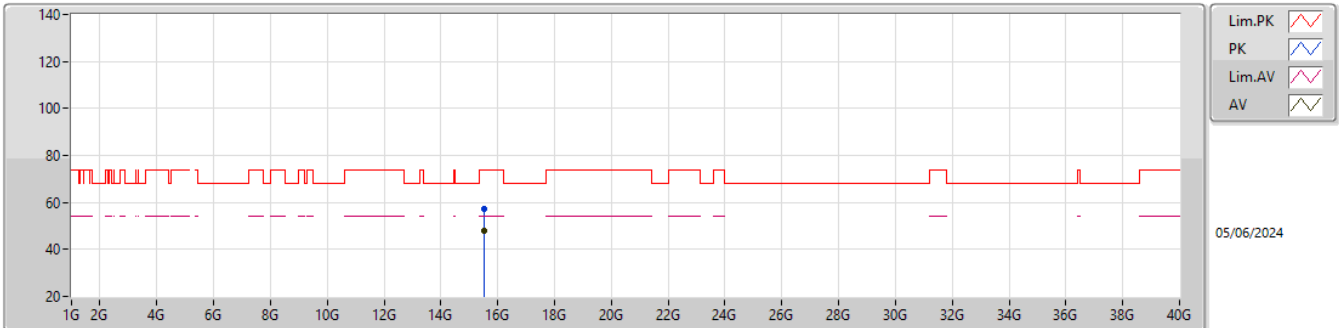


EUT_Y_4TX
Setting 84
03-H-E-2-10

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	5.138G	64.13	74.00	-9.87	58.27	3	Horizontal	360	2.13	-	33.93	6.78	34.85			
AV	5.1482G	53.83	54.00	-0.17	47.89	3	Horizontal	360	2.13	-	33.99	6.80	34.85			
PK	5.1882G	118.55	Inf	-Inf	112.54	3	Horizontal	360	2.13	-	34.00	6.87	34.86			
AV	5.1832G	108.93	Inf	-Inf	102.93	3	Horizontal	360	2.13	-	34.00	6.86	34.86			

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

5180MHz_TX

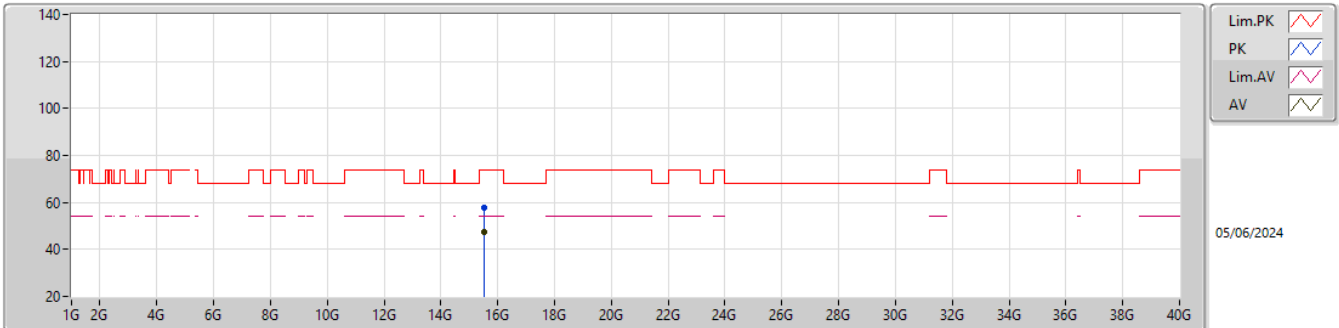


EUT_Y_4TX
Setting 84
03-H-E-2

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	15.53247G	57.13	74.00	-16.87	69.10	3	Vertical	214	1.03	-	38.04	12.68	62.69			
AV	15.53007G	47.90	54.00	-6.10	59.86	3	Vertical	214	1.03	-	38.06	12.67	62.69			

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

5180MHz_TX

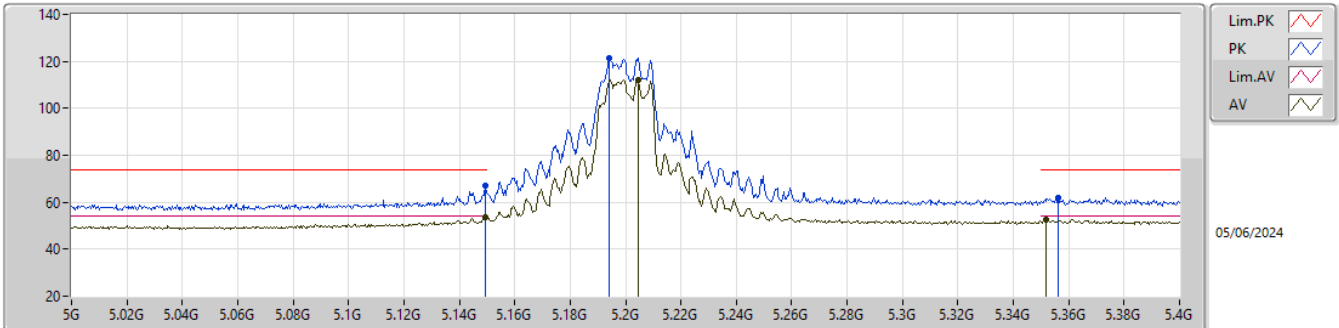


EUT_Y_4TX
Setting 84
03-H-E-2

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	15.52578G	57.68	74.00	-16.32	69.61	3	Horizontal	54	3.00	-	38.09	12.67	62.69			
AV	15.53232G	47.52	54.00	-6.48	59.49	3	Horizontal	54	3.00	-	38.04	12.68	62.69			

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

5200MHz_TX

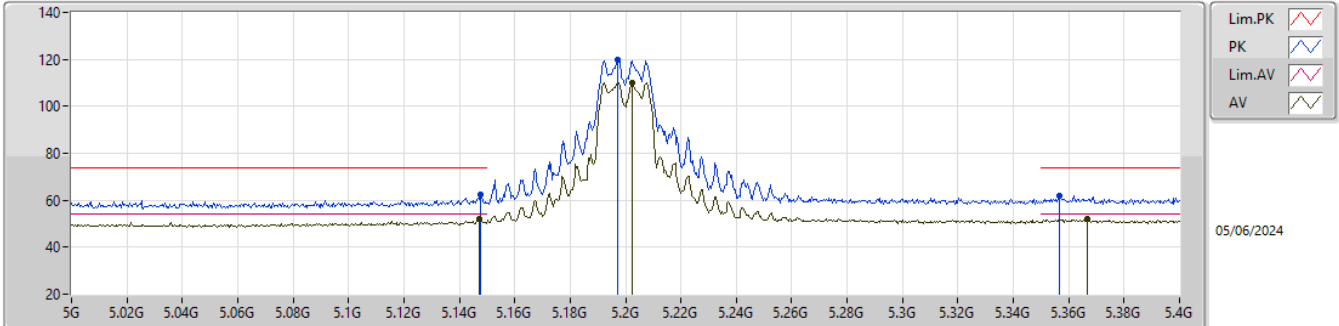


EUT_Y_4TX
Setting 89
03-H-E-2-10

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	5.1492G	67.22	74.00	-6.78	61.27	3	Vertical	158	1.80	-	34.00	6.80	34.85			
AV	5.1492G	53.76	54.00	-0.24	47.81	3	Vertical	158	1.80	-	34.00	6.80	34.85			
PK	5.194G	121.47	Inf	-Inf	115.45	3	Vertical	158	1.80	-	34.00	6.88	34.86			
AV	5.2044G	112.27	Inf	-Inf	106.22	3	Vertical	158	1.80	-	34.01	6.90	34.86			
PK	5.3564G	62.00	74.00	-12.00	55.36	3	Vertical	158	1.80	-	34.41	7.11	34.88			
AV	5.352G	52.59	54.00	-1.41	45.97	3	Vertical	158	1.80	-	34.40	7.10	34.88			

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

5200MHz_TX

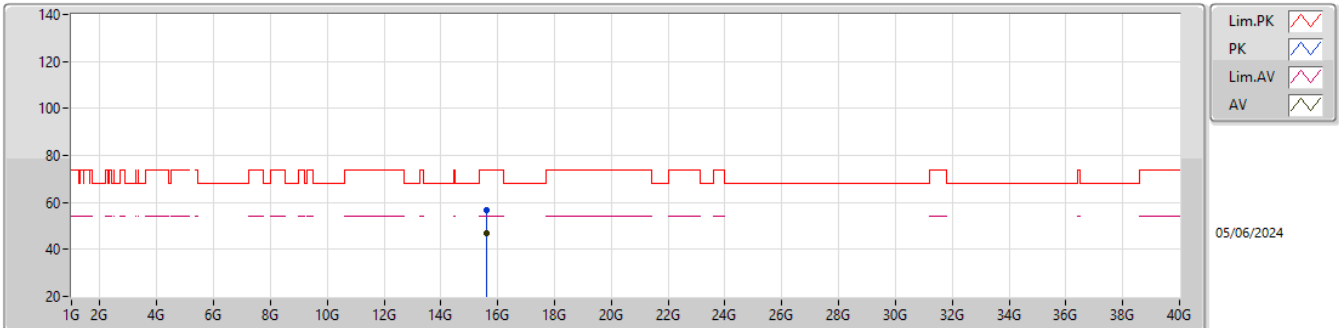


EUT Y_4TX
Setting 89
03-H-E-2-10

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	62.35	74.00	-11.65	56.41	3	Horizontal	210	1.93	-	33.99	6.80	34.85			
AV	5.1472G	52.09	54.00	-1.91	46.16	3	Horizontal	210	1.93	-	33.98	6.80	34.85			
PK	5.1972G	119.82	Inf	-Inf	113.79	3	Horizontal	210	1.93	-	34.00	6.89	34.86			
AV	5.2024G	110.21	Inf	-Inf	104.18	3	Horizontal	210	1.93	-	34.00	6.89	34.86			
PK	5.3568G	62.04	74.00	-11.96	55.40	3	Horizontal	210	1.93	-	34.41	7.11	34.88			
AV	5.3668G	51.91	54.00	-2.09	45.24	3	Horizontal	210	1.93	-	34.43	7.12	34.88			

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

5200MHz_TX

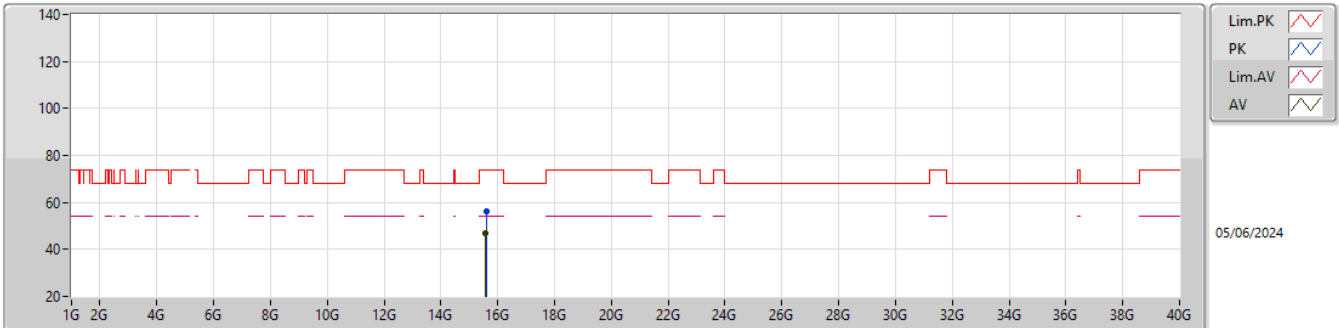


EUT_Y_4TX
Setting 89
03-H-E-2

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	15.60336G	56.50	74.00	-17.50	68.72	3	Vertical	341	1.80	-	37.81	12.70	62.73			
AV	15.6141G	46.88	54.00	-7.12	59.09	3	Vertical	341	1.80	-	37.83	12.70	62.74			

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

5200MHz_TX

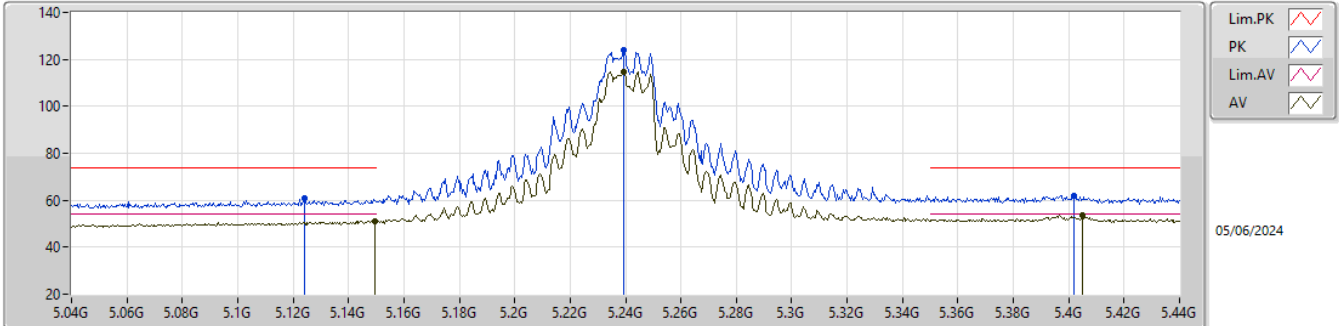


EUT_V_4TX
Setting 89
03-H-E-2

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	15.60696G	56.32	74.00	-17.68	68.54	3	Horizontal	16	1.34	-	37.81	12.70	62.73			
AV	15.58719G	46.83	54.00	-7.17	59.03	3	Horizontal	16	1.34	-	37.83	12.69	62.72			

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

5240MHz_TX

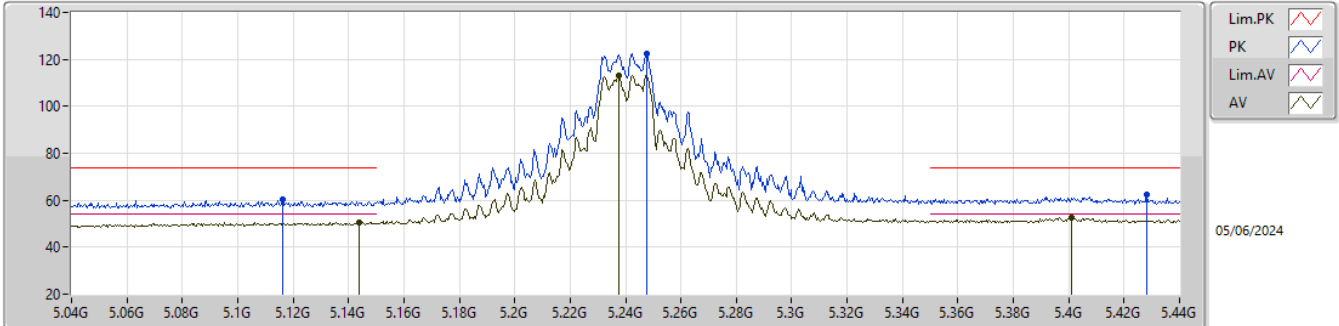


EUT_Y_4TX
Setting 100
03-H-E-2-10

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	5.124G	60.69	74.00	-13.31	54.94	3	Vertical	156	1.83	-	33.84	6.76	34.85			
AV	5.1496G	51.00	54.00	-3.00	45.05	3	Vertical	156	1.83	-	34.00	6.80	34.85			
PK	5.2392G	124.22	Inf	-Inf	118.06	3	Vertical	156	1.83	-	34.08	6.94	34.86			
AV	5.2392G	114.70	Inf	-Inf	108.54	3	Vertical	156	1.83	-	34.08	6.94	34.86			
PK	5.402G	61.97	74.00	-12.03	55.19	3	Vertical	156	1.83	-	34.50	7.17	34.89			
AV	5.4048G	53.46	54.00	-0.54	46.67	3	Vertical	156	1.83	-	34.50	7.18	34.89			

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

5240MHz_TX

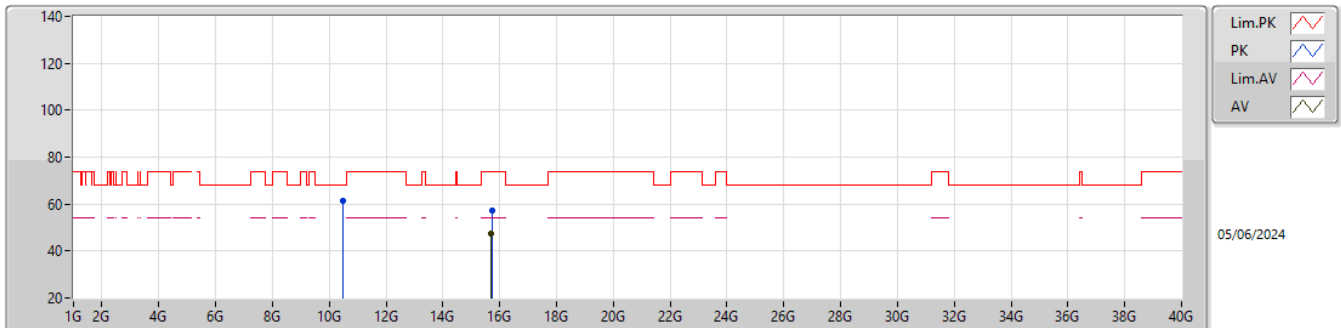


EUT_Y_4TX
Setting 100
03-H-E-2-10

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	5.1164G	60.60	74.00	-13.40	54.91	3	Horizontal	208	2.06	-	33.80	6.74	34.85			
AV	5.144G	50.66	54.00	-3.34	44.76	3	Horizontal	208	2.06	-	33.96	6.79	34.85			
PK	5.2476G	122.67	Inf	-Inf	116.47	3	Horizontal	208	2.06	-	34.10	6.96	34.86			
AV	5.2376G	113.33	Inf	-Inf	107.17	3	Horizontal	208	2.06	-	34.08	6.94	34.86			
PK	5.428G	62.28	74.00	-11.72	55.46	3	Horizontal	208	2.06	-	34.50	7.21	34.89			
AV	5.4012G	52.46	54.00	-1.54	45.68	3	Horizontal	208	2.06	-	34.50	7.17	34.89			

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

5240MHz_TX

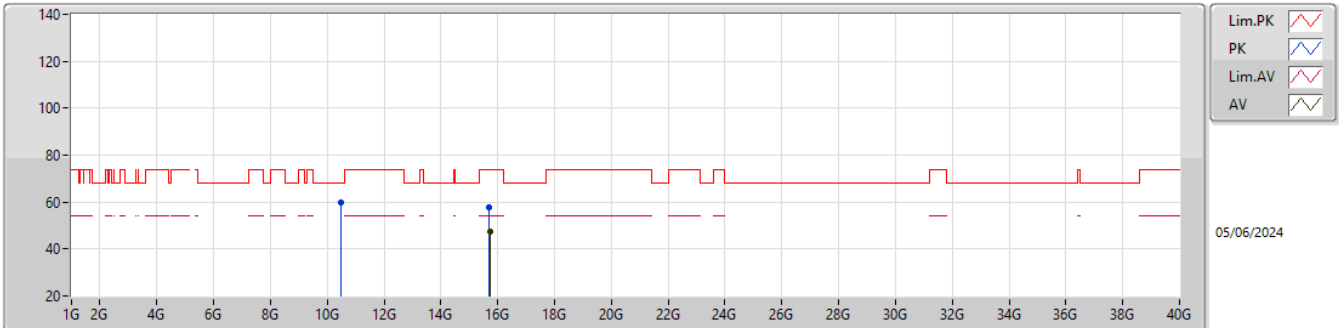


EUT Y_4TX
Setting 100
03-H-E-2

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	10.48003G	61.55	68.20	-6.65	79.05	3	Vertical	82	1.77	-	37.96	10.68	66.14			
PK	15.72303G	57.08	74.00	-16.92	69.20	3	Vertical	89	2.06	-	37.95	12.73	62.80			
AV	15.70959G	47.39	54.00	-6.61	59.48	3	Vertical	89	2.06	-	37.98	12.73	62.80			

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

5240MHz_TX

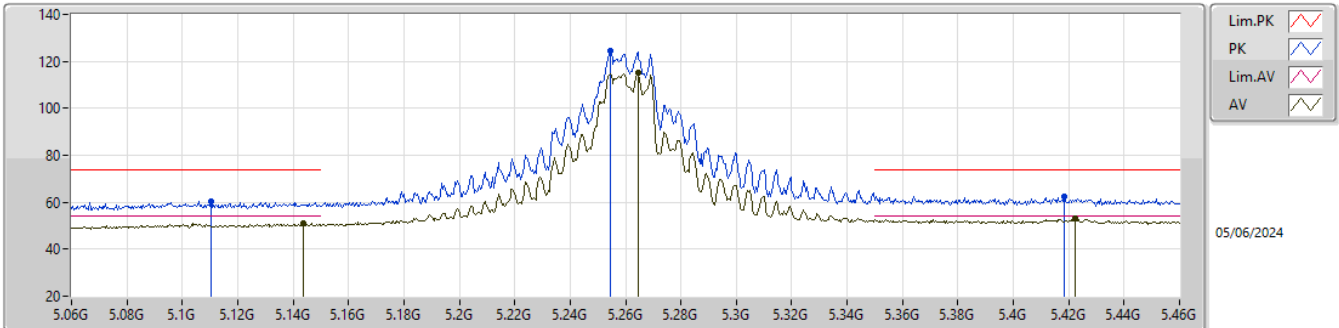


EUT_Y_4TX
Setting 100
03-H-E-2

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	10.48237G	59.66	68.20	-8.54	77.16	3	Horizontal	138	1.68	-	37.96	10.68	66.14			
PK	15.70974G	57.84	74.00	-16.16	69.93	3	Horizontal	315	1.80	-	37.98	12.73	62.80			
AV	15.72333G	47.51	54.00	-6.49	59.63	3	Horizontal	315	1.80	-	37.95	12.73	62.80			

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

5260MHz_TX

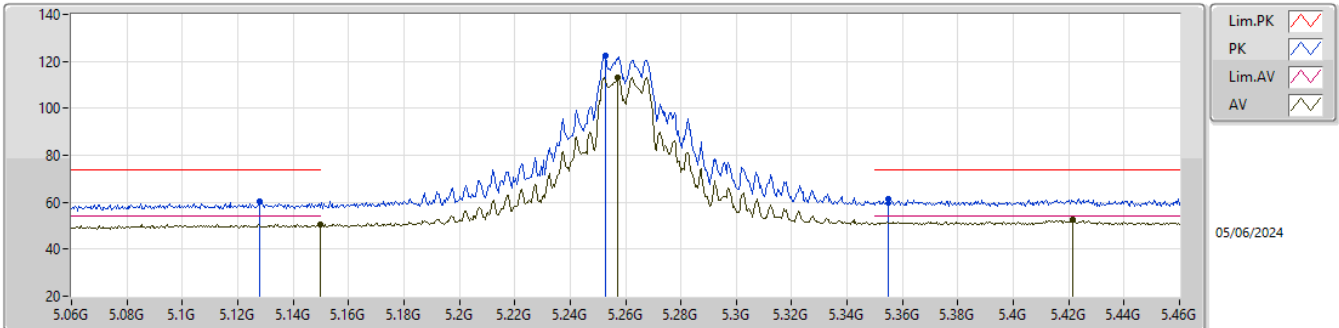


EUT_Y_4TX
Setting 100
03-H-E-2-10

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	5.1104G	60.44	74.00	-13.56	54.80	3	Vertical	158	1.74	-	33.76	6.73	34.85			
AV	5.1436G	51.02	54.00	-2.98	45.12	3	Vertical	158	1.74	-	33.96	6.79	34.85			
PK	5.2544G	124.52	Inf	-Inf	118.30	3	Vertical	158	1.74	-	34.12	6.97	34.87			
AV	5.2644G	115.26	Inf	-Inf	108.99	3	Vertical	158	1.74	-	34.16	6.98	34.87			
PK	5.4184G	62.63	74.00	-11.37	55.83	3	Vertical	158	1.74	-	34.50	7.19	34.89			
AV	5.4224G	53.12	54.00	-0.88	46.31	3	Vertical	158	1.74	-	34.50	7.20	34.89			

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

5260MHz_TX



EUT_Y_4TX
Setting 100
03-H-E-2-10

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	5.128G	60.30	74.00	-13.70	54.52	3	Horizontal	212	1.73	-	33.87	6.76	34.85			
AV	5.15G	50.51	54.00	-3.49	44.56	3	Horizontal	212	1.73	-	34.00	6.80	34.85			
PK	5.2528G	122.30	Inf	-Inf	116.10	3	Horizontal	212	1.73	-	34.11	6.96	34.87			
AV	5.2572G	113.26	Inf	-Inf	107.03	3	Horizontal	212	1.73	-	34.13	6.97	34.87			
PK	5.3548G	61.45	74.00	-12.55	54.81	3	Horizontal	212	1.73	-	34.41	7.11	34.88			
AV	5.4216G	52.33	54.00	-1.67	45.52	3	Horizontal	212	1.73	-	34.50	7.20	34.89			