



RADIO TEST REPORT

FCC ID : 2ABLK-GPR2022XX
Equipment : GigaPro p6dx
Brand Name : Calix
Model Name : p6dx GPR2022H
Applicant : Calix Inc.
1035 N. McDowell Blvd. Petaluma, CA94954 U.S.A.
Manufacturer : Alpha Networks Inc.
No. 8, Li-Hsin 7th Rd., Hsinchu Science Park,
Hsinchu 300094, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Mar. 08, 2024, and testing was started from Mar. 08, 2024 and completed on May 03, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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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/manufacturer 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: Muse Chan



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)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [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	802.11n 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	802.11ac 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
5.725-5.85GHz	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	802.11n HT40	40	4TX



Band	Mode	BWch (MHz)	Nant
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
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

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)	
						2.4GHz	5GHz
1	1	HLt	6NS1293	Sector	I-PEX	-	9.10
2	2	HLt	6NS1293	Sector	I-PEX	-	9.20
3	3	HLt	6NS1293	Sector	I-PEX	-	9.20
4	4	HLt	6NS1293	Sector	I-PEX	-	9.20
5	1	HLt	6NS1293	Sector	I-PEX	8.60	-
6	2	HLt	6NS1293	Sector	I-PEX	8.60	-

Note 1: The above information was declared by manufacturer.



Note 2: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log \left[\frac{(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2}{N_{ANT}} \right] \Rightarrow 10$$

$$\log \left[\frac{(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2}{N_{ANT}} \right]$$

Where ;

$$2.4G \ G1 = 8.60 \text{ dBi} ; G2 = 8.60 \text{ dBi}$$

$$5G \text{ UNII-1} \ G1 = 9.10 \text{ dBi} ; G2 = 9.20 \text{ dBi} ; G3 = 9.20 \text{ dBi} ; G4 = 9.20 \text{ dBi}$$

$$5G \text{ UNII-3} \ G1 = 9.10 \text{ dBi} ; G2 = 9.20 \text{ dBi} ; G3 = 9.20 \text{ dBi} ; G4 = 9.20 \text{ dBi}$$

Cross-Polarized Antenna

$$2.4G \ DG = 8.60 \text{ dBi}$$

$$5G \text{ UNII-1} \ DG = 12.21 \text{ dBi}$$

$$5G \text{ UNII-3} \ DG = 12.21 \text{ dBi}$$

Note 3: For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax (2TX/2RX):

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax (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_Nss 1,(6D)	0.945	0.25	1.977m	1k
802.11ax HEW20_Nss 1,(M0)	0.777	1.1	5.449m	300
802.11ax HEW20-BF_Nss 1,(M0)	0.944	0.25	3.461m	300
802.11ax HEW40_Nss 1,(M0)	0.813	0.9	5.449m	300
802.11ax HEW40-BF_Nss 1,(M0)	0.944	0.25	3.46m	300
802.11ax HEW80_Nss 1,(M0)	0.818	0.87	5.445m	300
802.11ax HEW80-BF_Nss 1,(M0)	0.868	0.61	2.688m	1k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	<input checked="" type="checkbox"/>	With beamforming	<input type="checkbox"/>	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	<input checked="" type="checkbox"/>	Outdoor P2M	<input type="checkbox"/>	Indoor P2M
	<input type="checkbox"/>	Fixed P2P	<input type="checkbox"/>	Client
	<input checked="" type="checkbox"/>	Point-to-multipoint	<input type="checkbox"/>	Point-to-point
Channel Puncturing Function	<input type="checkbox"/>	Supported	<input checked="" type="checkbox"/>	Unsupported
Support RU	<input checked="" type="checkbox"/>	Full RU	<input type="checkbox"/>	Partial RU
Test Software Version	Others: QSPR 5.0-00202 Beamforming Mode: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Supports Functions

Function
AP Router
Bridge
Extender

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 D01 v02r01
- ◆ 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	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	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	TH02-CB	Kevin Huang	21.9~24 / 62~67	Mar. 08, 2024~ Mar. 31, 2024
Radiated Below 1G	03CH05-CB	Gordon Hung	21.6-22.7 / 56-59	Mar. 28, 2024~ May 03, 2024
Radiated Above 1G & E.I.R.P. at any elevation angle above 30 degrees	03CH01-CB		21.9-22.4 / 55-58	
	03CH02-CB		22-23 / 55-58	
	03CH04-CB		22.7-23.8 / 56-59	
	03CH06-CB		21.4-22.5 / 55-58	
AC Conduction	CO01-CB	Elvin Yeh	23~24 / 58~60	May 02, 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)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 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	2.2%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11a_Nss1,(6Mbps)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11ax HEW20_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11ax HEW40_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11ax HEW80_Nss1,(MCS0)_4TX
5210MHz
5775MHz
802.11ax HEW20-BF_Nss1,(MCS0)_4TX
5180MHz
5200MHz
5240MHz
5745MHz
5785MHz
5825MHz
802.11ax HEW40-BF_Nss1,(MCS0)_4TX
5190MHz
5230MHz
5755MHz
5795MHz
802.11ax HEW80-BF_Nss1,(MCS0)_4TX
5210MHz



5775MHz

Note:

- ◆ HEW20 / HEW40 / HEW80 covers HT20 / HT40 / VHT20 / VHT40 / VHT80 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / VHT80 is the same or lower than HEW20 / HEW40 / HEW80.



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT_WLAN 2.4GHz + Adapter
2	EUT_WLAN 2.4GHz + PoE
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT_WLAN 5GHz + Adapter
For operating mode 3 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	E.I.R.P. at any elevation angle above 30 degrees
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.
	After evaluating, EUT in X axis was the worst case, so the measurement will follow this same test configuration.

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.
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
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_WLAN 2.4GHz + Adapter
2	EUT in Y axis_WLAN 2.4GHz + PoE



Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT in Y axis_WLAN 5GHz + Adapter
For operating mode 1 is the worst case and it was record 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
Refer to Sporton Test Report No.: FA430430 for Co-location RF Exposure Evaluation.	

Note 1: The PoE and Adapter are for measurement only, would not be marketed.
 The PoE and Adapter information as below:

Power	Brand	Model
PoE	DELTA	ADH-90AR B
Adapter	Amigo	AMS157-1203000F3U

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

During the test, the following programs under WIN 7 were executed.
 The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS [ver 6.1.7601].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
 The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS [ver 6.1.7601].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.



2.4 Accessories

Accessories
Wall-mounted rack*1

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	DELL	E6430	N/A
B	GONP SFP	Calix	100-05950	N/A
C	Adapter	Amigo	AMS157-1203000F3U	N/A

For Radiated (below 1GHz), Radiated (above 1GHz) <Non-beamforming mode> and E.I.R.P. at any elevation angle above 30 degrees:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Adapter	Amigo	AMS157-1203000F3U	N/A

For Radiated (above 1GHz) <Beamforming mode> and E.I.R.P. at any elevation angle above 30 degrees:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Client	Alpha	WAP-AX13	N/A
C	NB	DELL	E4300	N/A
D	Adapter	Amigo	AMS157-1203000F3U	N/A

For RF Conducted <Non-beamforming mode>:

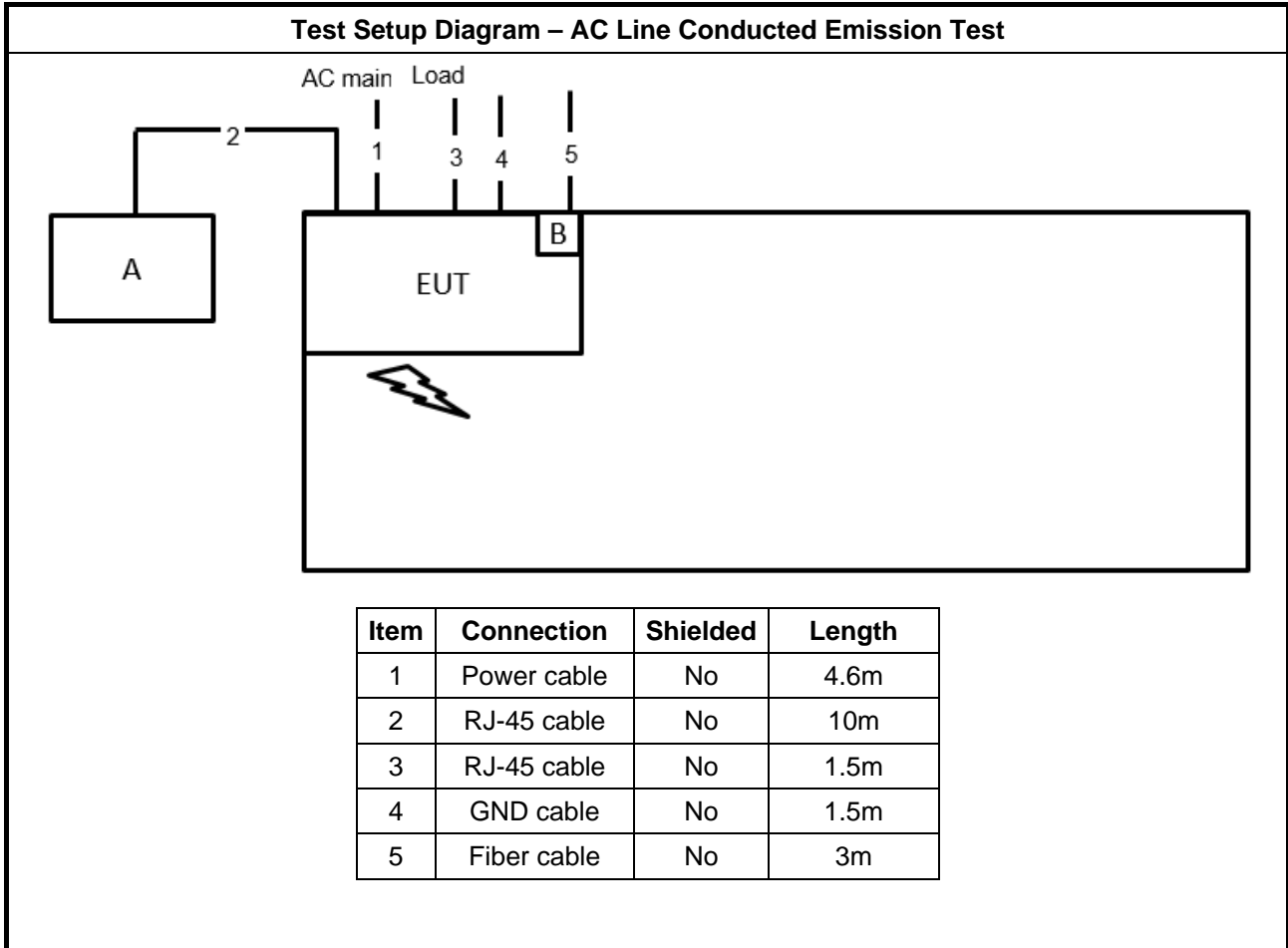
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Adapter	Amigo	AMS157-1203000F3U	N/A

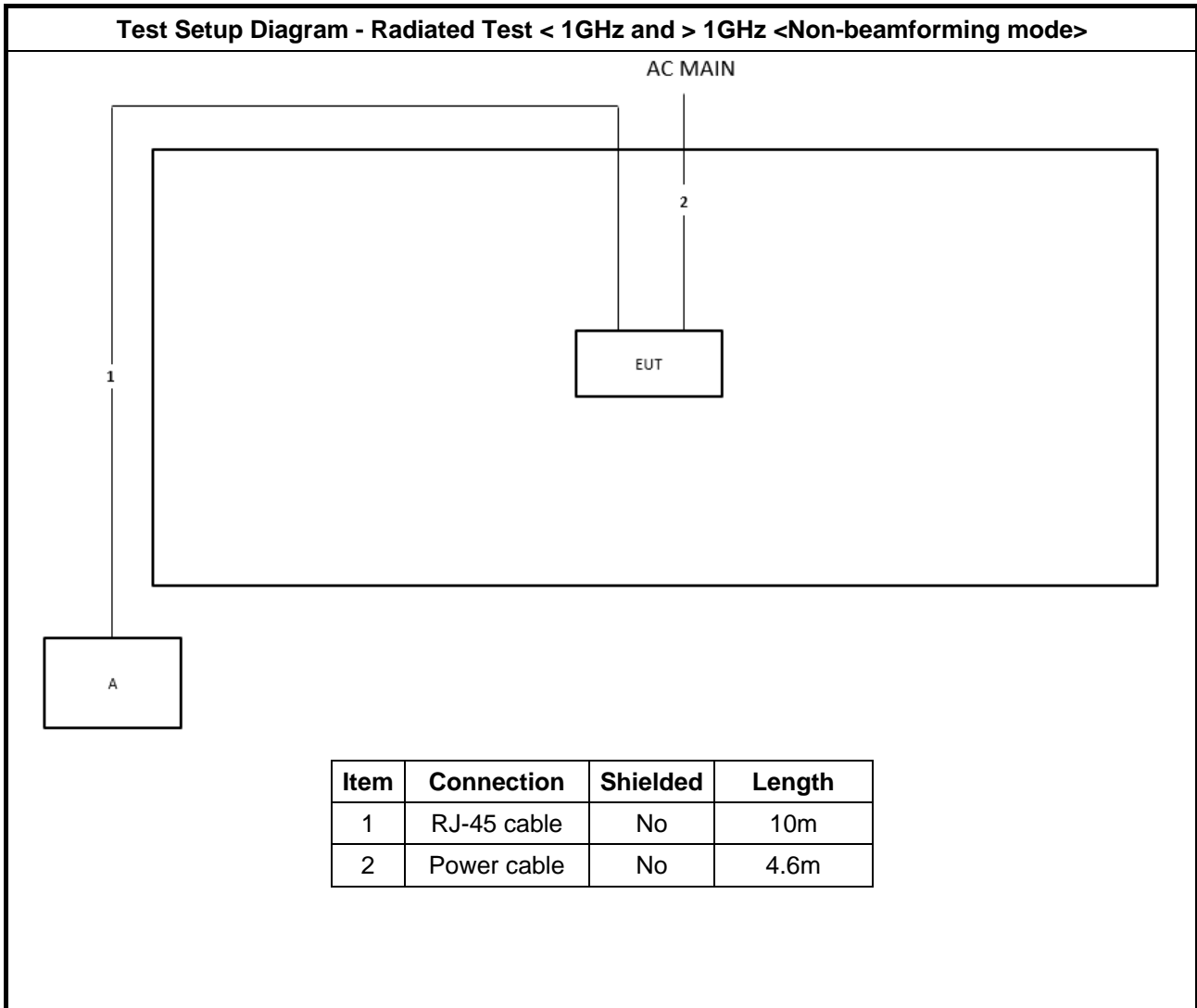


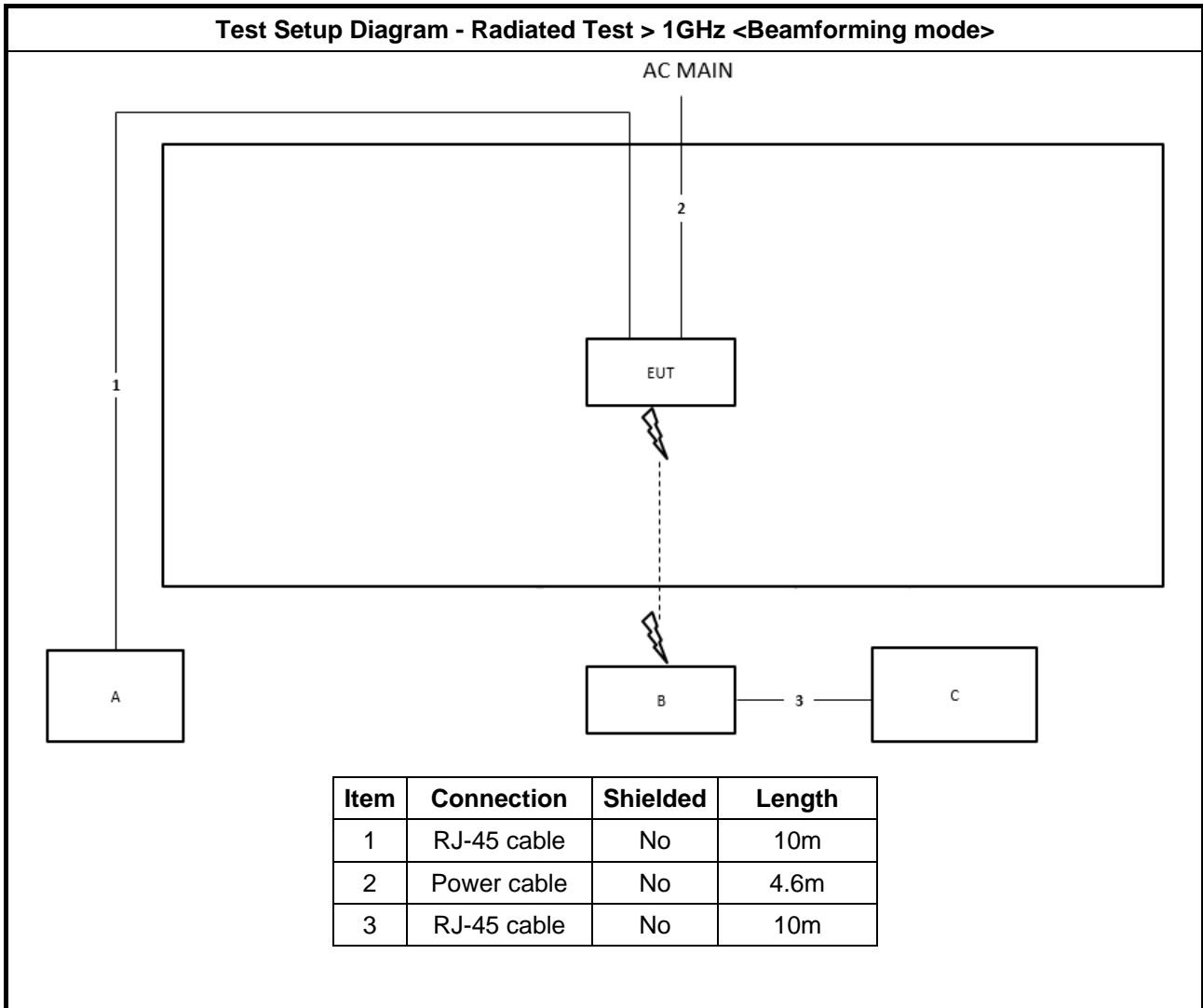
For RF Conducted <Beamforming mode>:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	Alpha	p6dx GPR2022H	N/A
D	Adapter	Amigo	AMS157-1203000F3U	N/A

2.6 Test Setup Diagram









3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

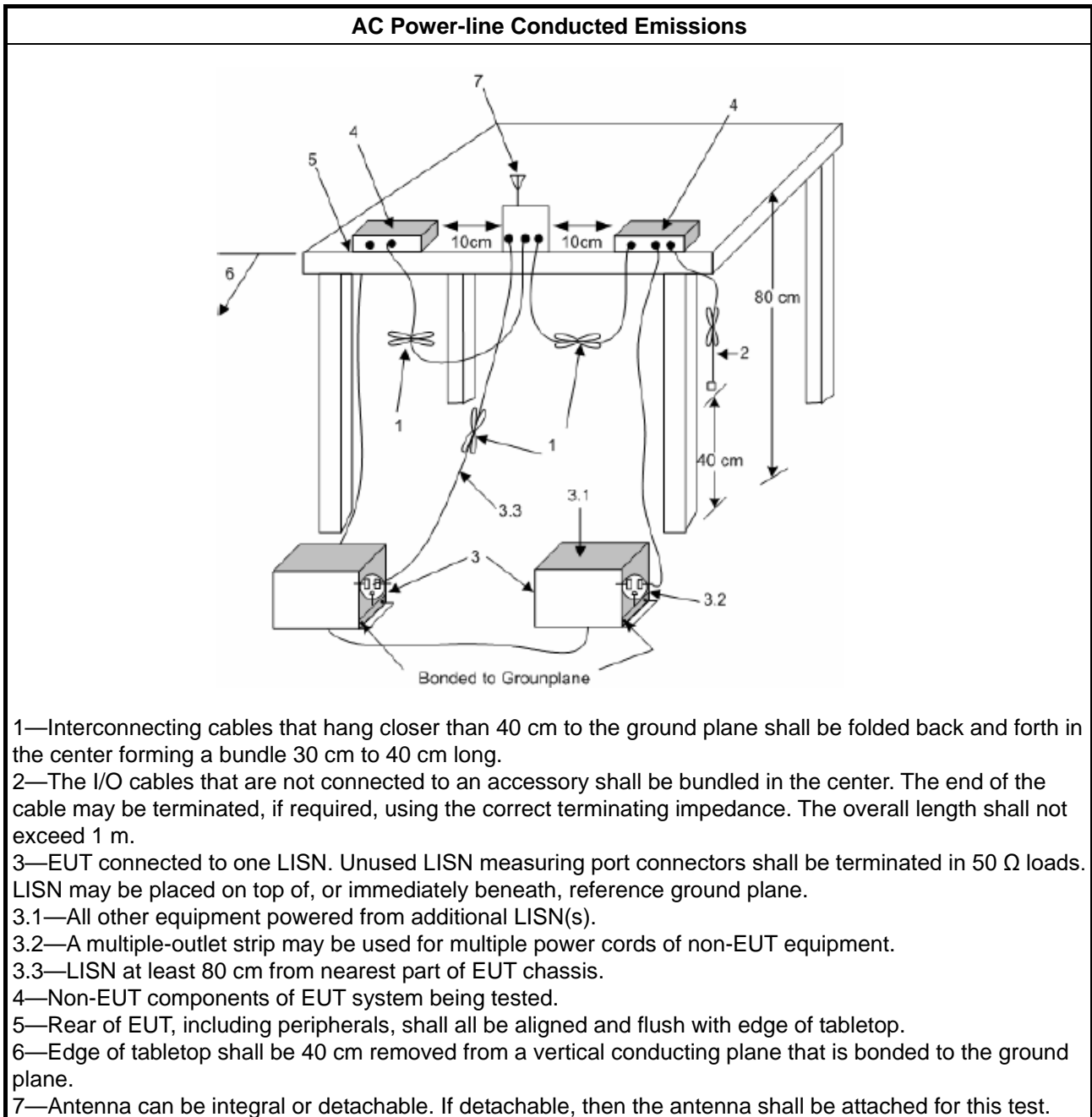
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
<input checked="" type="checkbox"/>	For the 5.15-5.25 GHz band, N/A
<input type="checkbox"/>	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.
<input type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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	
<input type="checkbox"/>	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.
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.

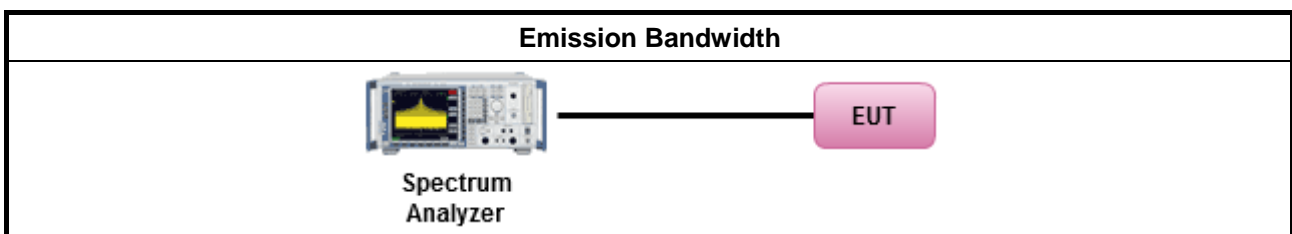
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method							
<ul style="list-style-type: none"> ▪ For the emission bandwidth shall be measured using one of the options below: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30px;"><input checked="" type="checkbox"/></td> <td>Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.</td> </tr> </table> 		<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.	<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.	<input type="checkbox"/>	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.						
<input type="checkbox"/>	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.						
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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]
	<ul style="list-style-type: none"> ▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
	<ul style="list-style-type: none"> ▪ 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 $P_{Out} = 30 - (G_{TX} - 23)$.
	<ul style="list-style-type: none"> ▪ 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 $P_{Out} = 24 - (G_{TX} - 6)$.
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$.	
<input type="checkbox"/> 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 $P_{Out} = 24 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $P_{Out} = 30 - (G_{TX} - 6)$.
	<ul style="list-style-type: none"> ▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
<input type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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.
	<ul style="list-style-type: none"> ▪ 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.
<input type="checkbox"/> For the 5.25-5.35 GHz band:	
	<ul style="list-style-type: none"> ▪ 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
	<ul style="list-style-type: none"> ▪ 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.
<input type="checkbox"/> 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.	



<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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

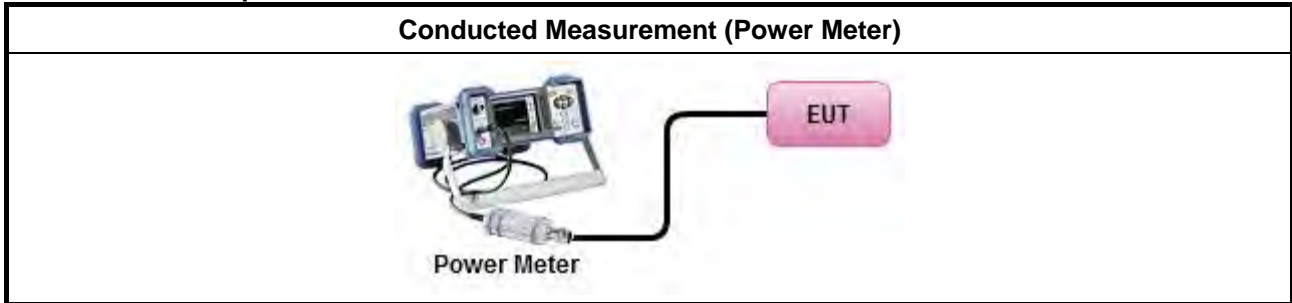
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

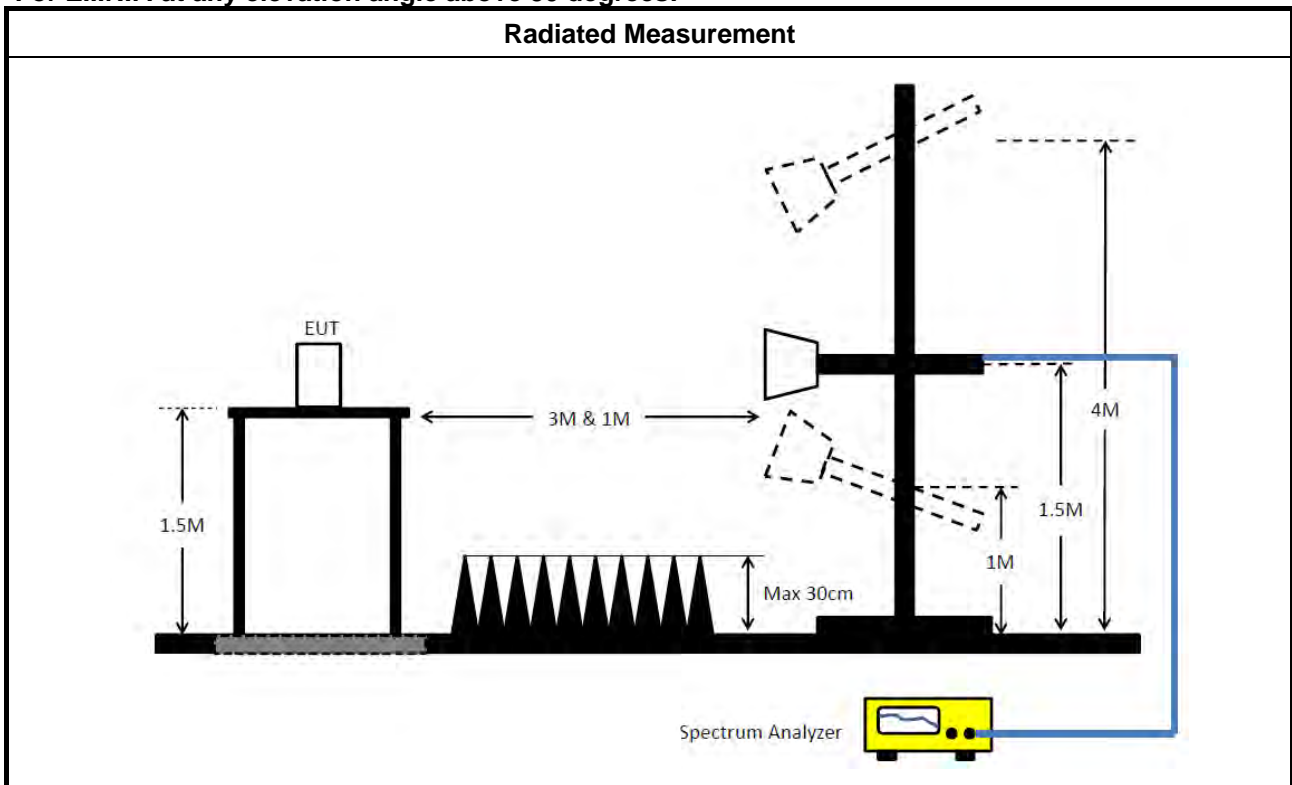
Test Method	
	Average over on/off periods with duty factor
<input checked="" type="checkbox"/>	For E.I.R.P. at any elevation angle above 30 degrees: Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
<input checked="" type="checkbox"/>	For Maximum Output Power: Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
<input checked="" type="checkbox"/>	For conducted measurement.
	<ul style="list-style-type: none"> ▪ 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]) $EIRP_{total} = P_{total} + DG$
<input checked="" type="checkbox"/>	For radiated measurement.
	<ul style="list-style-type: none"> ▪ 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 Maximum Output Power:



For E.I.R.P. at any elevation angle above 30 degrees:



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	
<input checked="" type="checkbox"/> For the 5.15-5.25 GHz band:	
	<ul style="list-style-type: none"> ▪ 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 $PPSD = 11 - (G_{TX} - 6)$.
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input type="checkbox"/> For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
<input checked="" type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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	
<input type="checkbox"/> For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.	
<input type="checkbox"/> For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
	<ul style="list-style-type: none"> ▪ 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 ($\theta-8$) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 ($\theta-40$) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
<input type="checkbox"/> For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
<input type="checkbox"/> For the 5.725-5.85 GHz band:	
	<ul style="list-style-type: none"> ▪ 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

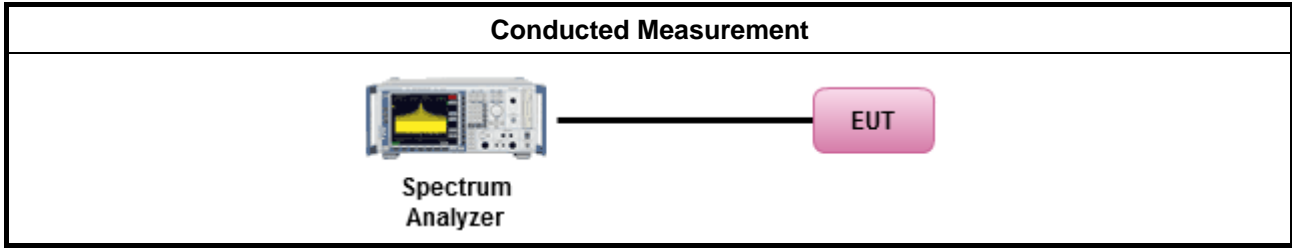
Refer a test equipment and calibration data table in this test report.



3.4.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ 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: 	
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
<input type="checkbox"/>	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	
<input checked="" type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
<input type="checkbox"/>	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
<input checked="" type="checkbox"/>	For conducted measurement.
<ul style="list-style-type: none"> ▪ If the EUT supports multiple transmit chains using options given below: 	
<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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,
<input type="checkbox"/>	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.
<ul style="list-style-type: none"> ▪ 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]) $EIRP_{total} = PPSD_{total} + DG$ 	
<input type="checkbox"/>	For radiated measurement.
<ul style="list-style-type: none"> ▪ 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
<input checked="" type="checkbox"/> 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
<input type="checkbox"/> 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
<input type="checkbox"/> 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
<input checked="" type="checkbox"/> 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).



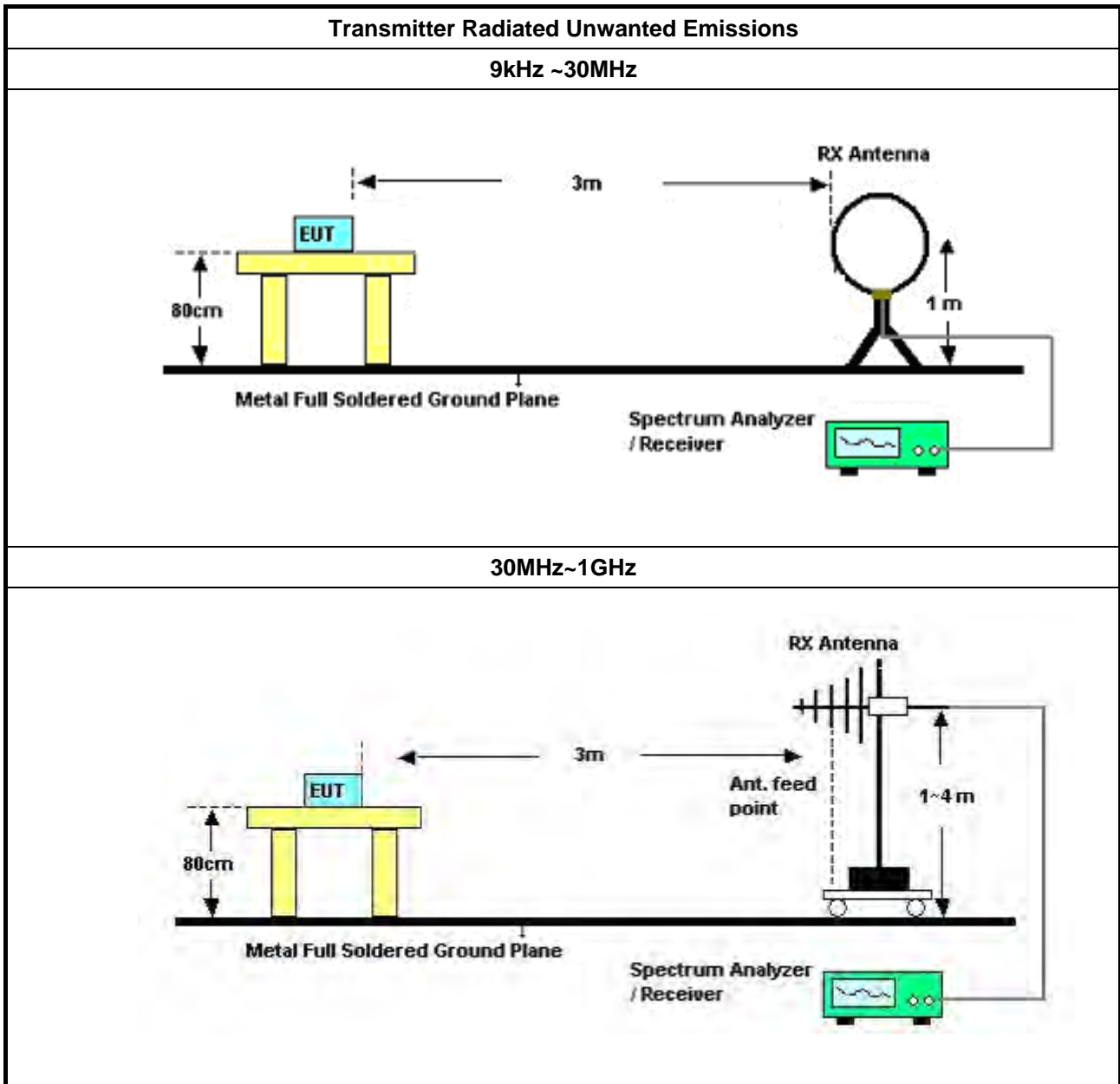
3.5.2 Measuring Instruments

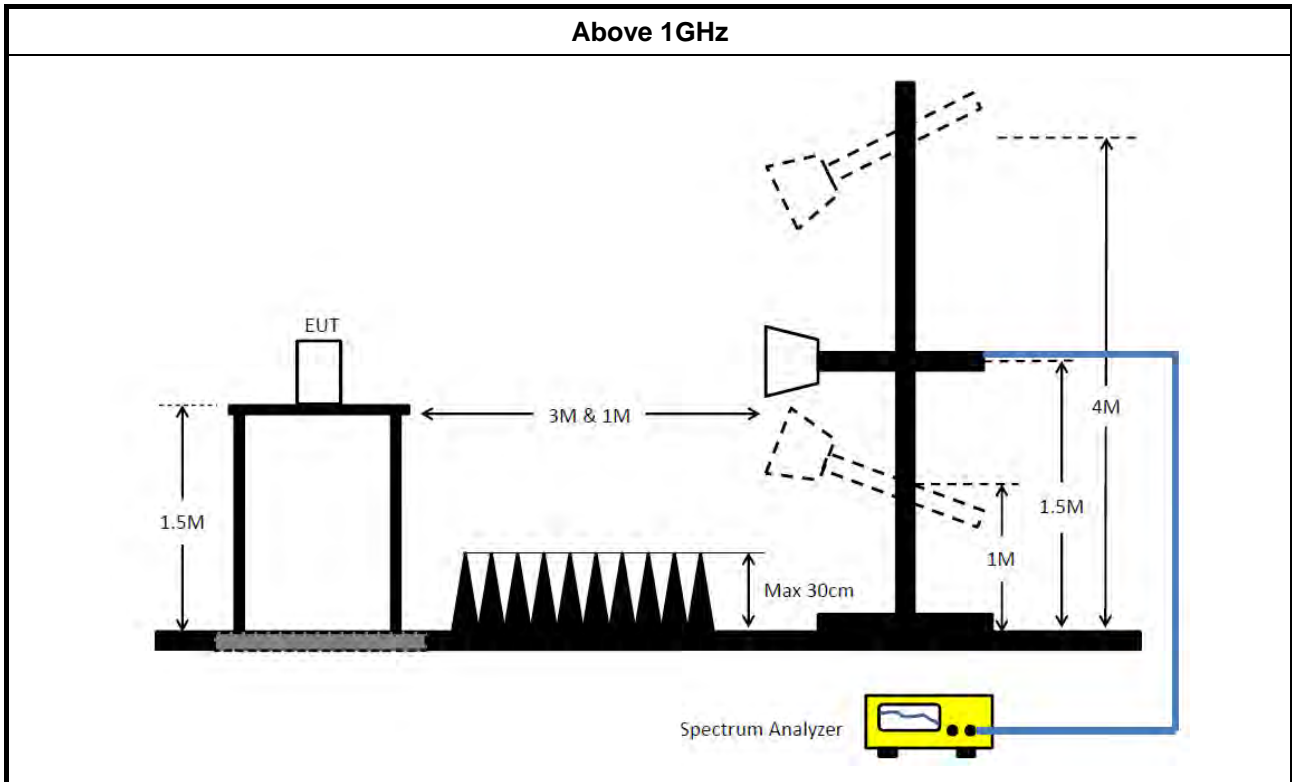
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> ▪ 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). 	
<ul style="list-style-type: none"> ▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 	
<ul style="list-style-type: none"> ▪ For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	<ul style="list-style-type: none"> ▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	<input type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	<input type="checkbox"/> Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	<input checked="" type="checkbox"/> Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	<input type="checkbox"/> Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
<ul style="list-style-type: none"> ▪ For radiated measurement. 	
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	<ul style="list-style-type: none"> ▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
<ul style="list-style-type: none"> ▪ The any unwanted emissions level shall not exceed the fundamental emission level. 	
<ul style="list-style-type: none"> ▪ 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	30 MHz ~ 1 GHz	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 03, 2023	May 02, 2024	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. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 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	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 30, 2023	Jun. 29, 2024	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	FSV40	101903	9kHz ~ 40GHz	May 29, 2023	May 28, 2024	Radiation (03CH02-CB)
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 ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 2025	Radiation (03CH04-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 04, 2023	Oct. 03, 2024	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 29, 2023	May 28, 2024	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 14, 2023	Aug. 13, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 –26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

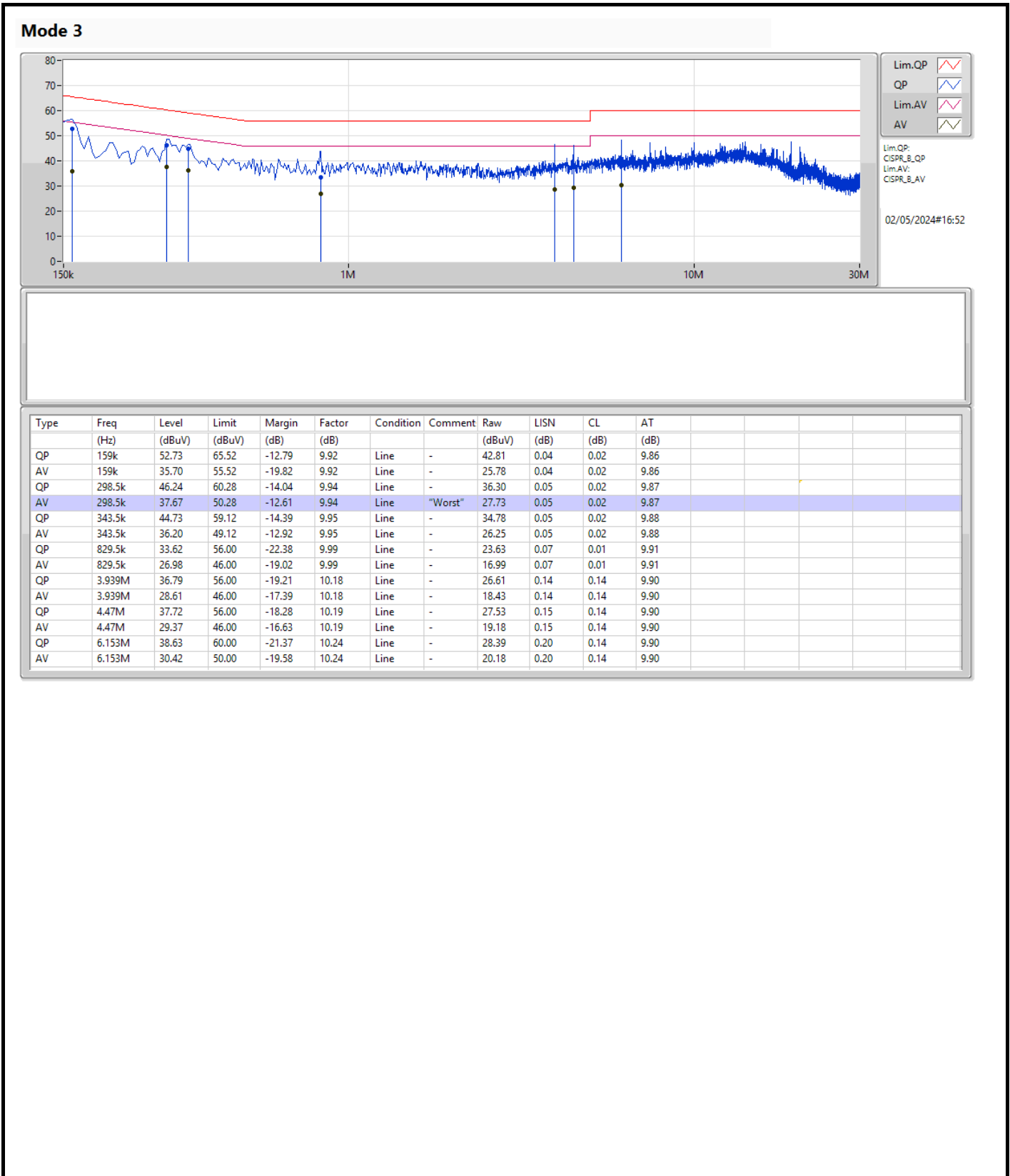
Note: Calibration Interval of instruments listed above is one year.

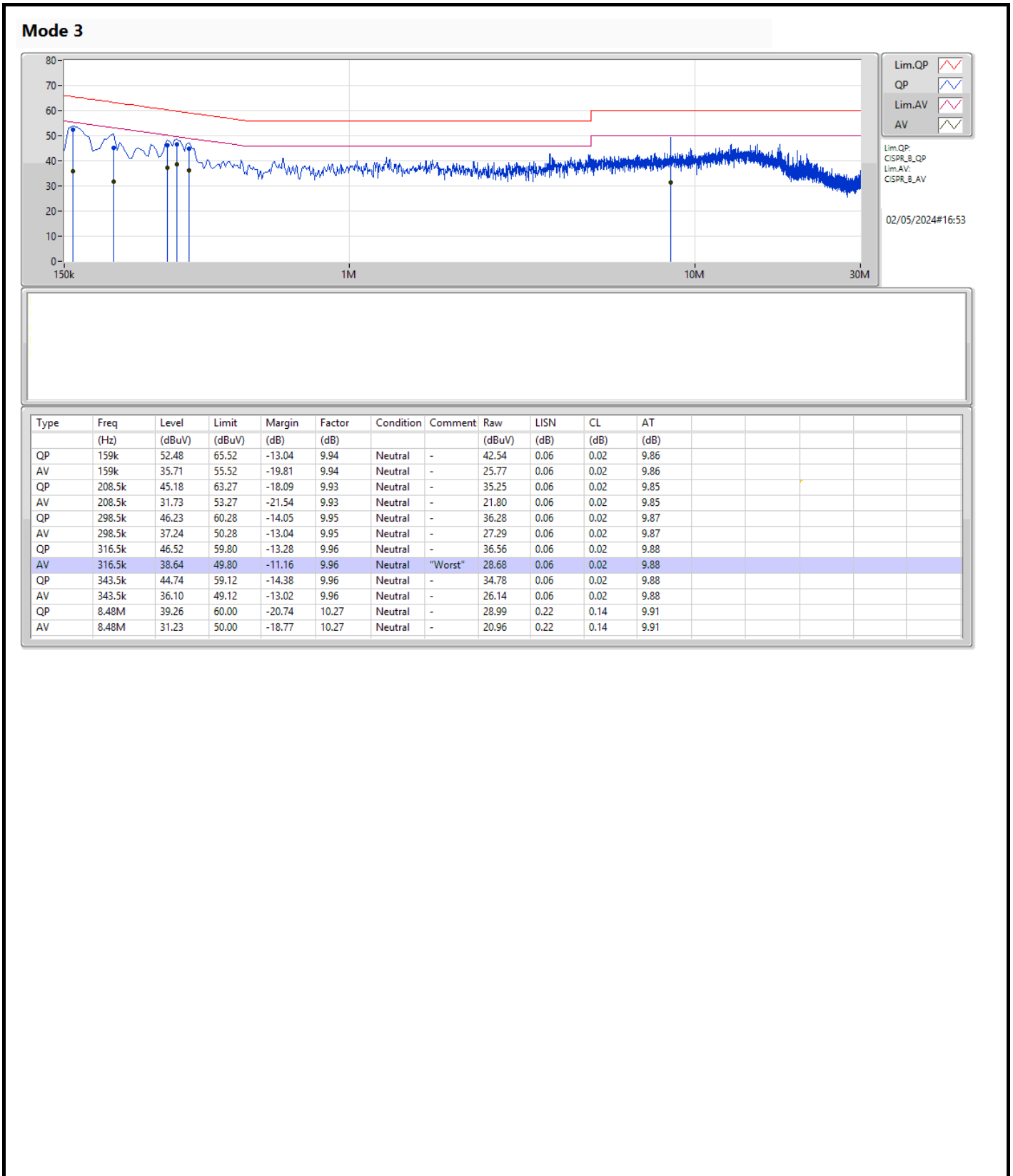
NCR means Non-Calibration required.



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	316.5k	38.64	49.80	-11.16	Neutral





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	18.81M	16.466M	16M5D1D	18.315M	16.316M
802.11ax HEW20_Nss1,(MCS0)_4TX	20.79M	18.983M	19M0D1D	19.8M	18.774M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.845M	19.057M	19M1D1D	19.855M	18.58M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.03M	37.905M	37M9D1D	38.83M	37.563M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.59M	37.763M	37M8D1D	38.72M	37.496M
802.11ax HEW80_Nss1,(MCS0)_4TX	80.96M	77.275M	77M3D1D	80.08M	76.676M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.18M	77.533M	77M5D1D	80.08M	76.825M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.5M	16.504M	16M5D1D	16.39M	16.316M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.085M	19.007M	19M0D1D	16.94M	18.876M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.085M	19.058M	19M1D1D	14.025M	18.855M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.06M	37.863M	37M9D1D	37.73M	37.563M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	38.61M	37.813M	37M8D1D	37.51M	37.556M
802.11ax HEW80_Nss1,(MCS0)_4TX	78.32M	77.34M	77M3D1D	77.44M	76.606M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	78.1M	77.398M	77M4D1D	72.38M	76.441M

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	18.37M	16.426M	18.645M	16.404M	18.37M	16.36M	18.59M	16.316M
5200MHz	Pass	Inf	18.81M	16.401M	18.645M	16.358M	18.48M	16.436M	18.81M	16.353M
5240MHz	Pass	Inf	18.48M	16.339M	18.315M	16.335M	18.59M	16.438M	18.37M	16.466M
5745MHz	Pass	500k	16.39M	16.448M	16.39M	16.4M	16.39M	16.504M	16.39M	16.319M
5785MHz	Pass	500k	16.39M	16.341M	16.39M	16.402M	16.445M	16.433M	16.39M	16.448M
5825MHz	Pass	500k	16.39M	16.36M	16.5M	16.404M	16.445M	16.36M	16.39M	16.316M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.68M	18.889M	19.855M	18.869M	20.35M	18.892M	20.405M	18.868M
5200MHz	Pass	Inf	20.46M	18.945M	20.57M	18.966M	20.405M	18.983M	19.855M	18.774M
5240MHz	Pass	Inf	20.79M	18.935M	20.68M	18.917M	19.8M	18.86M	20.02M	18.897M
5745MHz	Pass	500k	18.92M	18.908M	19.03M	18.953M	18.975M	18.94M	18.975M	18.911M
5785MHz	Pass	500k	18.81M	19.007M	18.975M	18.96M	17.49M	18.876M	16.94M	18.928M
5825MHz	Pass	500k	19.03M	18.935M	19.03M	18.956M	19.085M	18.971M	19.085M	18.96M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.03M	37.885M	38.83M	37.905M	39.16M	37.793M	38.94M	37.563M
5230MHz	Pass	Inf	39.38M	37.893M	39.71M	37.619M	39.38M	37.678M	39.49M	37.846M
5755MHz	Pass	500k	37.73M	37.606M	37.95M	37.582M	38.06M	37.79M	38.06M	37.563M
5795MHz	Pass	500k	37.95M	37.565M	38.06M	37.863M	38.06M	37.639M	37.84M	37.65M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.3M	77.275M	80.3M	76.676M	80.96M	77.168M	80.08M	77.205M
5775MHz	Pass	500k	78.1M	77.042M	77.88M	76.606M	77.44M	77.34M	78.32M	77.083M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.295M	18.908M	20.46M	18.918M	19.855M	18.881M	20.02M	18.89M
5200MHz	Pass	Inf	20.515M	19.057M	20.845M	18.78M	20.185M	18.58M	20.405M	18.711M
5240MHz	Pass	Inf	20.24M	18.902M	20.57M	18.984M	20.515M	18.911M	20.185M	18.784M
5745MHz	Pass	500k	19.03M	18.881M	14.025M	18.898M	18.865M	18.909M	18.92M	18.894M
5785MHz	Pass	500k	19.03M	18.898M	19.085M	18.904M	19.03M	18.895M	19.03M	18.855M
5825MHz	Pass	500k	19.03M	19.058M	18.81M	18.891M	18.865M	18.94M	18.975M	18.855M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.71M	37.727M	39.16M	37.629M	40.37M	37.678M	40.59M	37.763M
5230MHz	Pass	Inf	39.93M	37.591M	38.83M	37.496M	38.72M	37.613M	39.38M	37.669M
5755MHz	Pass	500k	38.5M	37.65M	38.06M	37.759M	37.84M	37.779M	38.61M	37.813M
5795MHz	Pass	500k	37.51M	37.556M	38.06M	37.643M	37.95M	37.578M	37.95M	37.694M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	80.52M	77.533M	80.08M	76.825M	81.18M	77.272M	80.08M	77.051M
5775MHz	Pass	500k	76.78M	76.441M	78.1M	76.947M	77.88M	77.398M	72.38M	76.923M

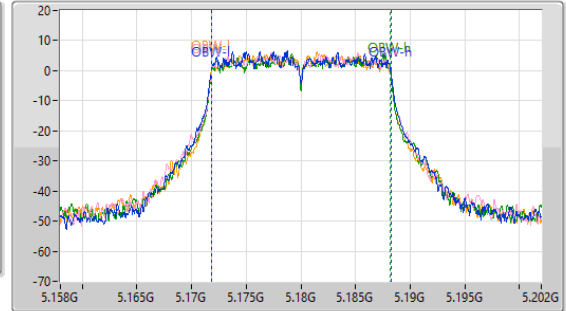
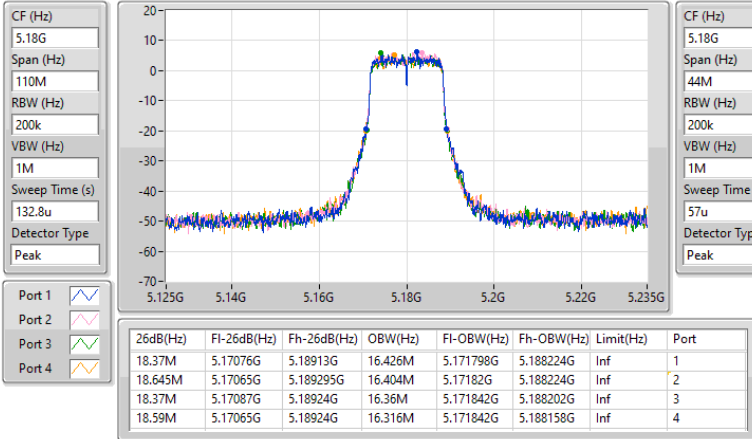
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
 Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5180MHz

08/03/2024

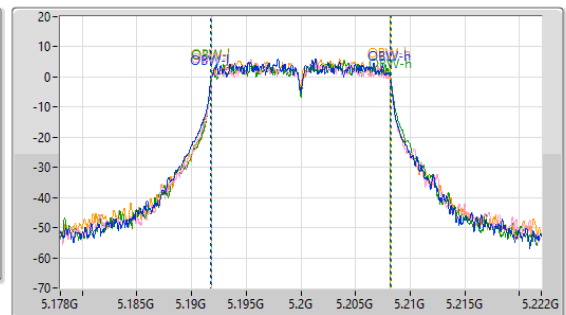
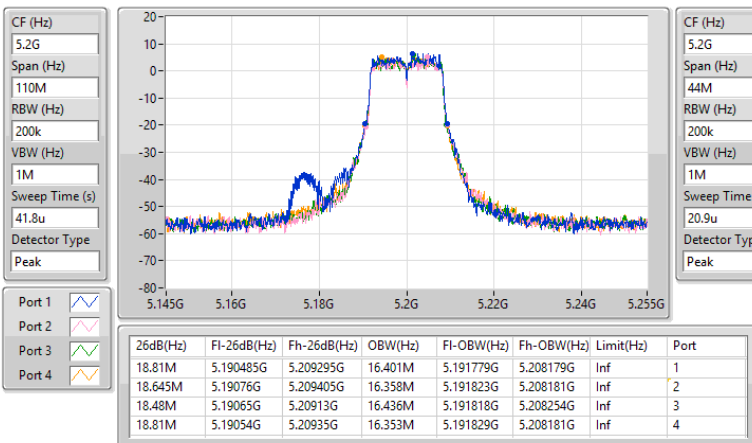


5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

31/03/2024



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

EBW

5240MHz

31/03/2024

CF (Hz)
5.24G

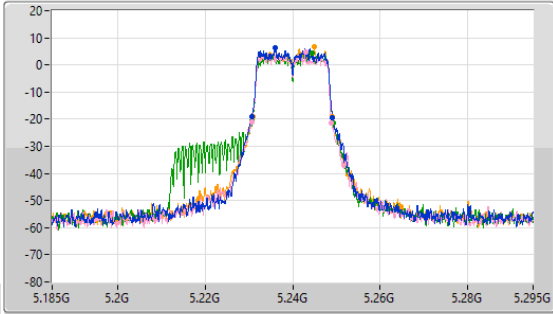
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
41.8u

Detector Type
Peak



CF (Hz)
5.24G

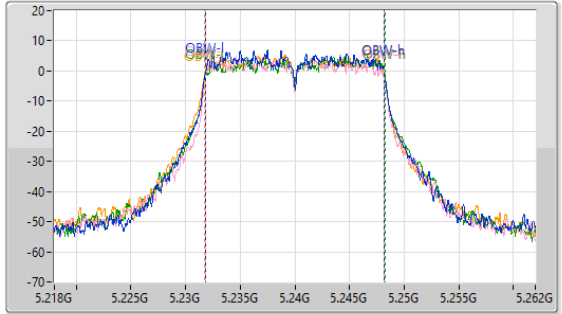
Span (Hz)
44M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
20.9u

Detector Type
Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.48M	5.230595G	5.249075G	16.339M	5.231815G	5.248155G	Inf	1
18.315M	5.230595G	5.24891G	16.335M	5.231841G	5.248175G	Inf	2
18.59M	5.230705G	5.249295G	16.438M	5.23179G	5.248228G	Inf	3
18.37M	5.230815G	5.249185G	16.466M	5.231714G	5.24818G	Inf	4

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

EBW

5745MHz

11/03/2024

CF (Hz)
5.745G

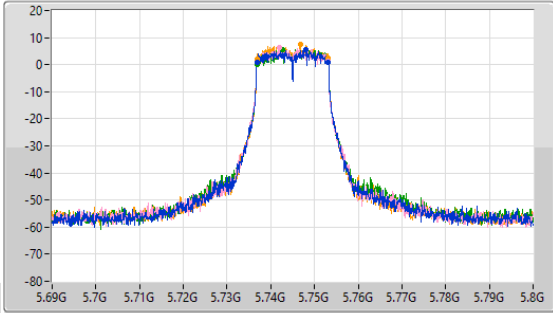
Span (Hz)
110M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
83.7u

Detector Type
Peak



CF (Hz)
5.745G

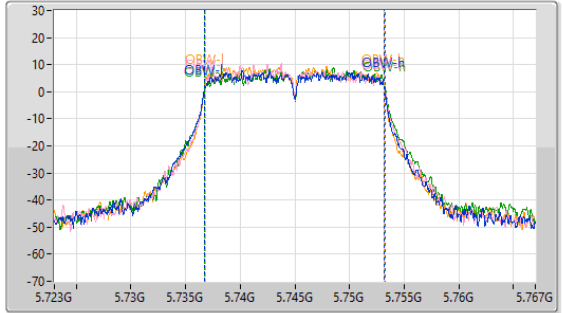
Span (Hz)
44M

RBW (Hz)
200k

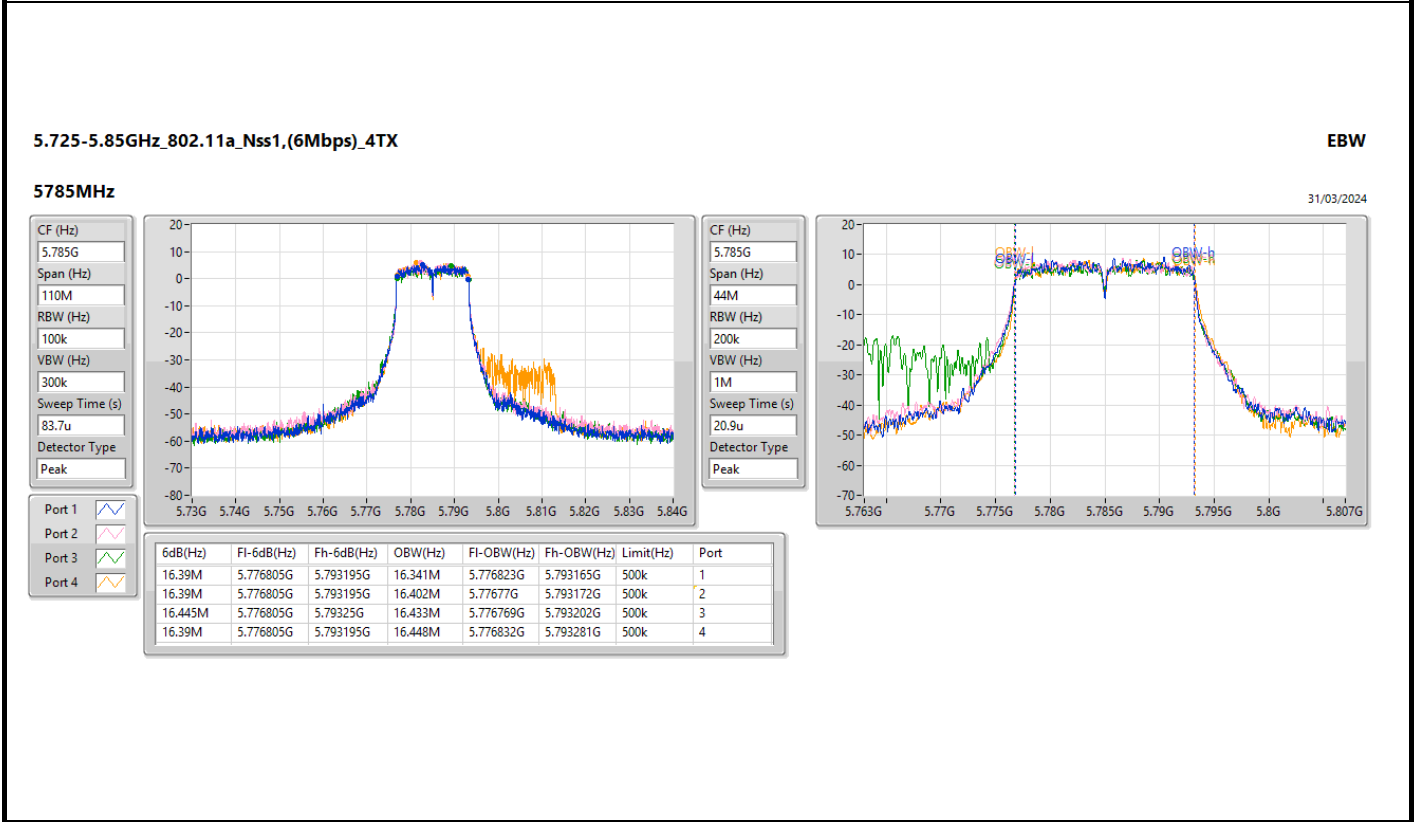
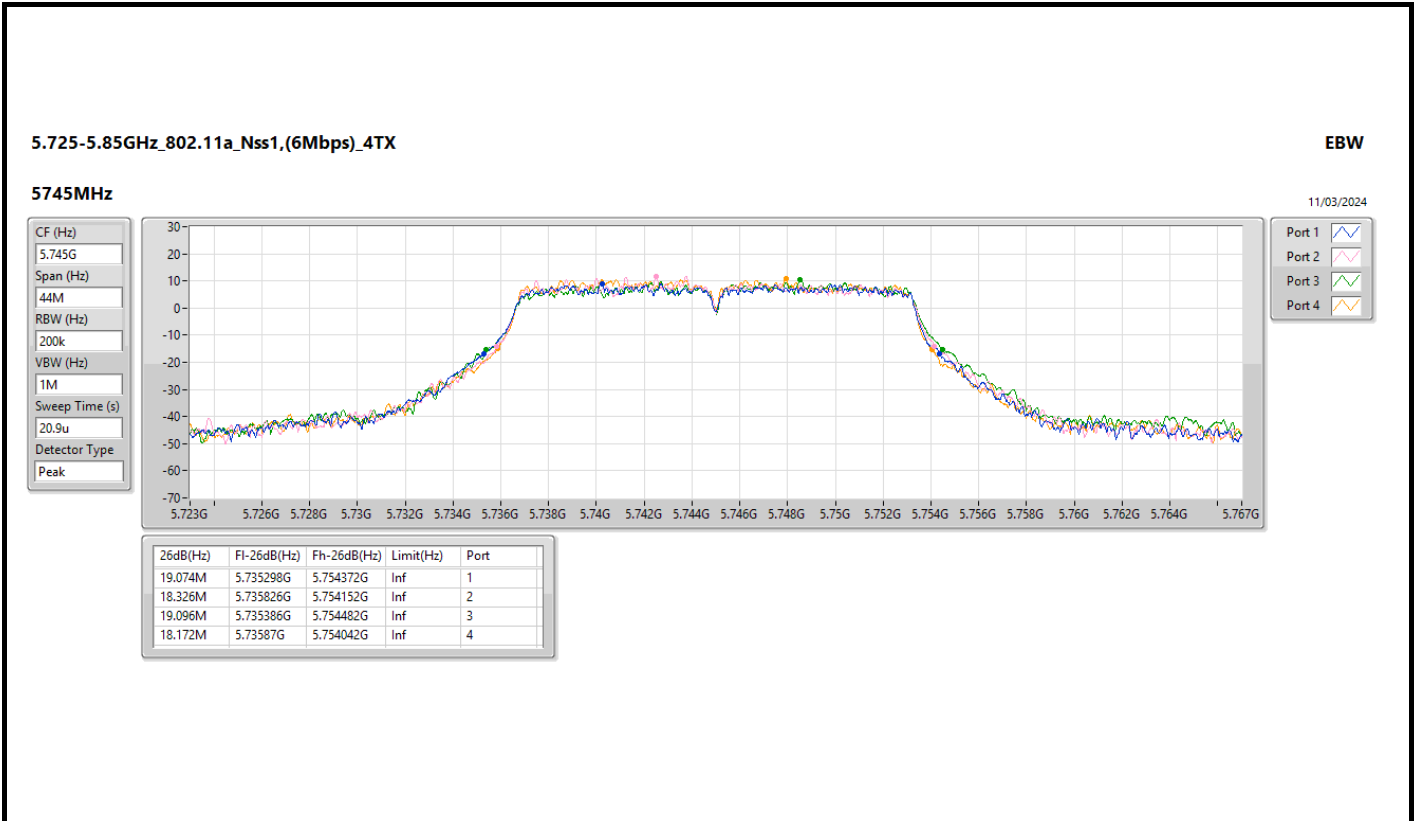
VBW (Hz)
1M

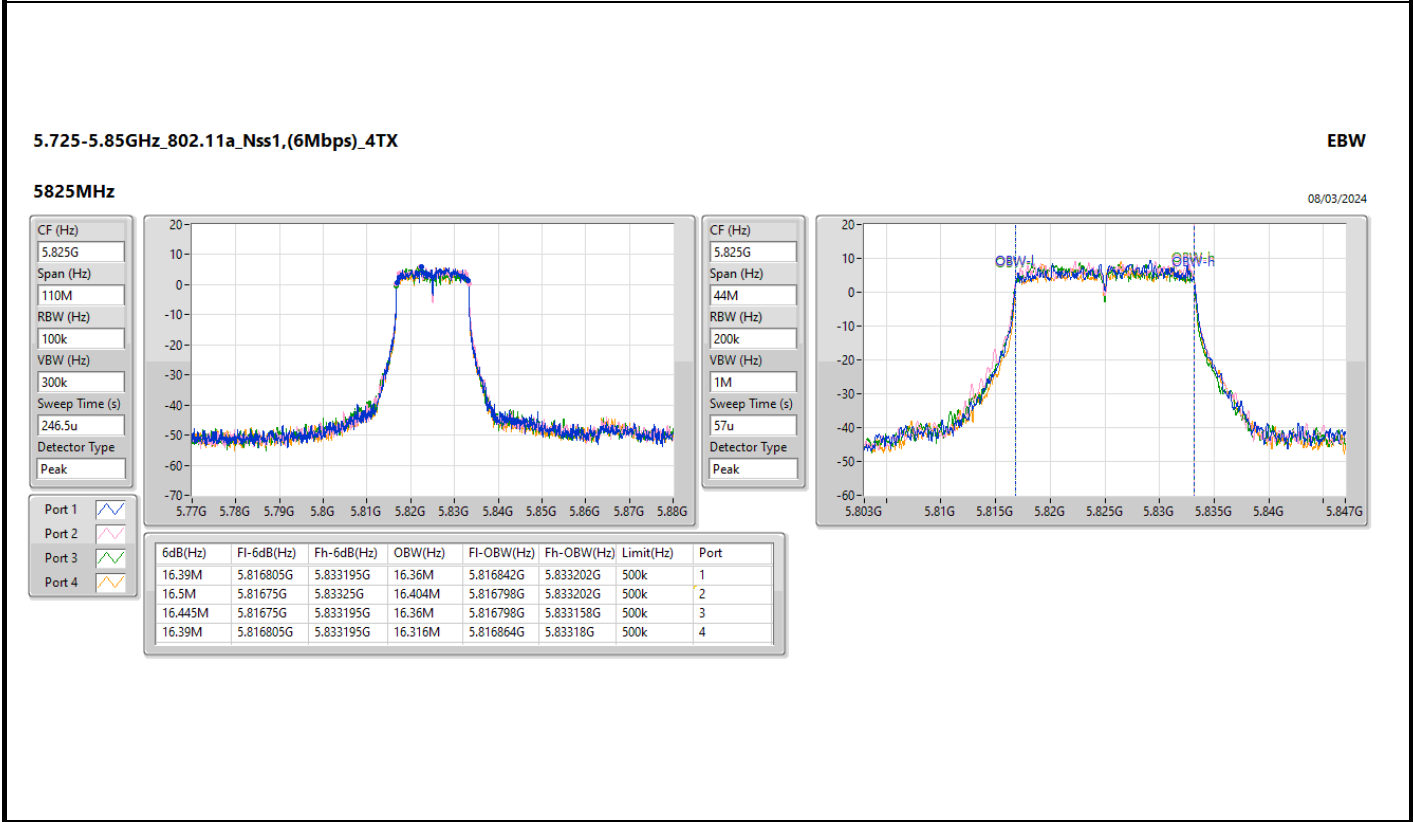
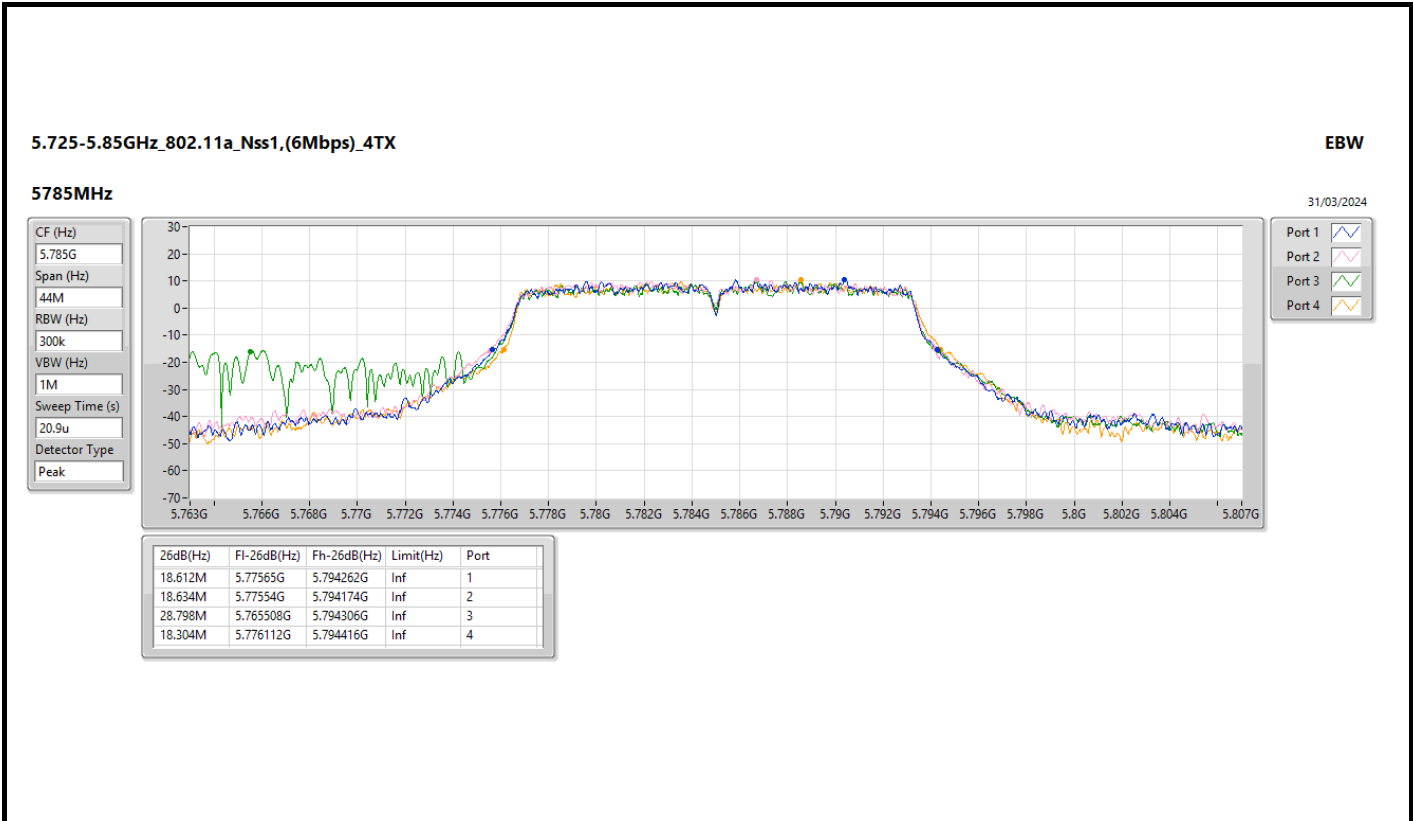
Sweep Time (s)
20.9u

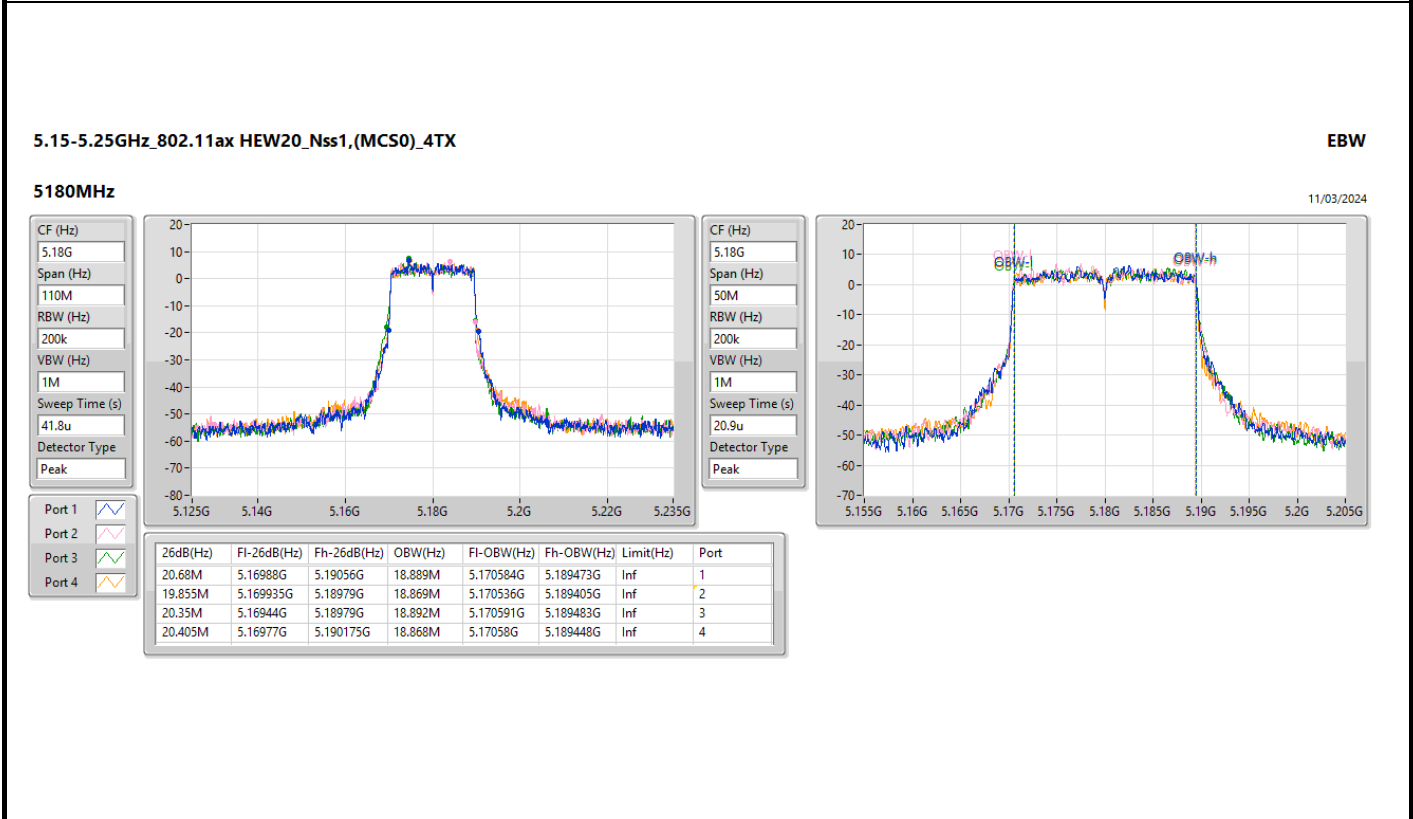
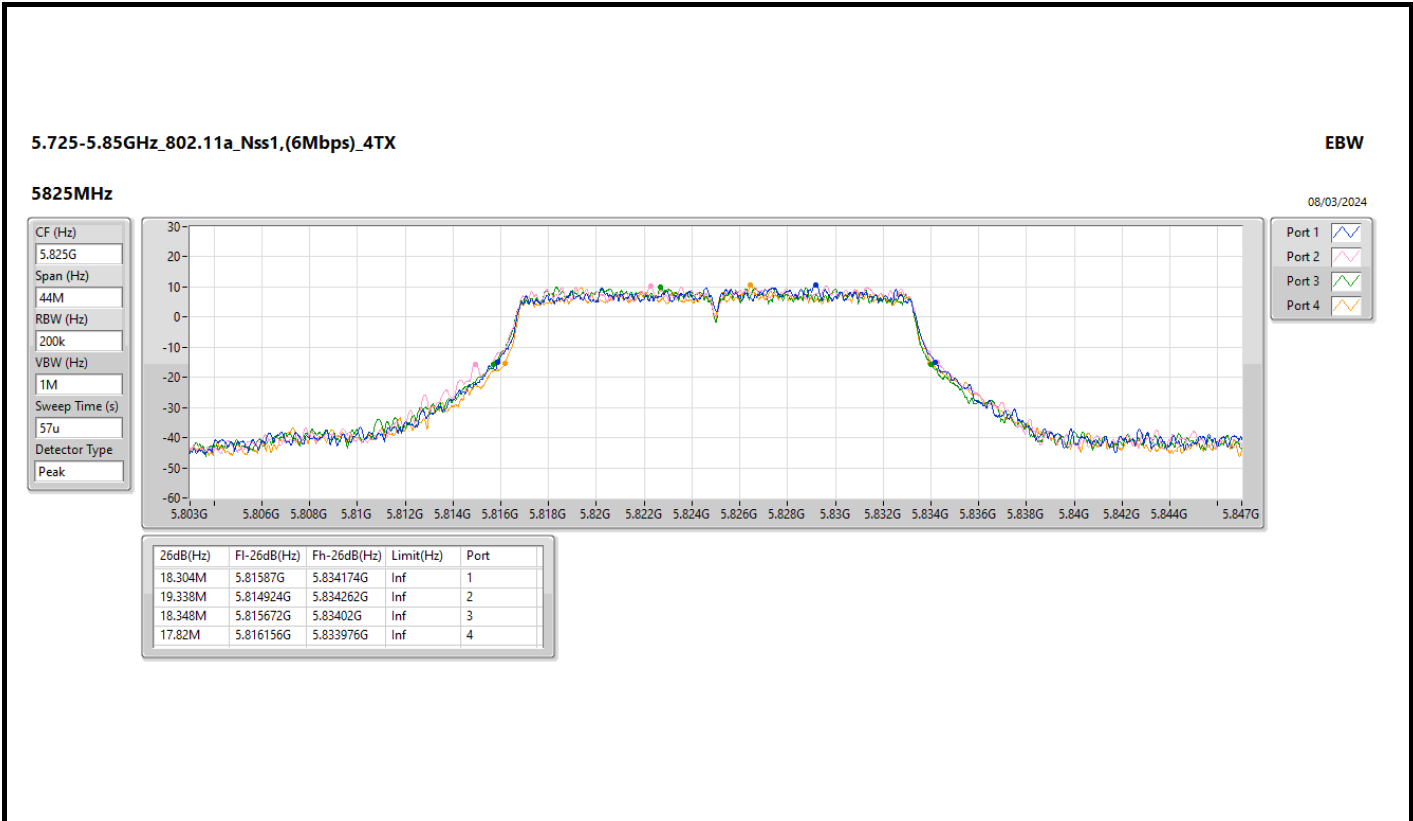
Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.39M	5.736805G	5.753195G	16.448M	5.736739G	5.753187G	500k	1
16.39M	5.736805G	5.753195G	16.4M	5.736801G	5.7532G	500k	2
16.39M	5.736805G	5.753195G	16.504M	5.736765G	5.75327G	500k	3
16.39M	5.736805G	5.753195G	16.319M	5.736822G	5.753141G	500k	4





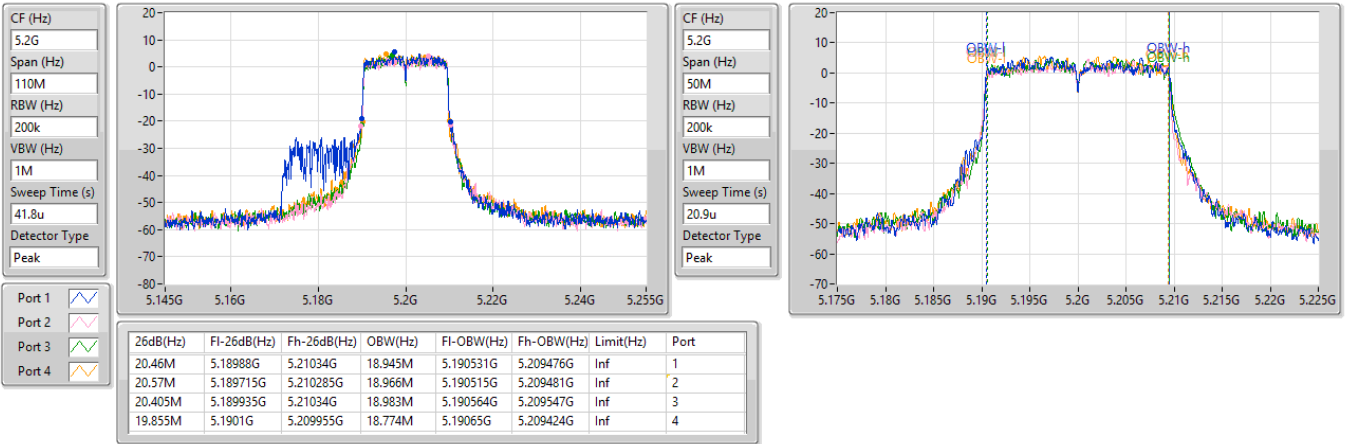


5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

31/03/2024

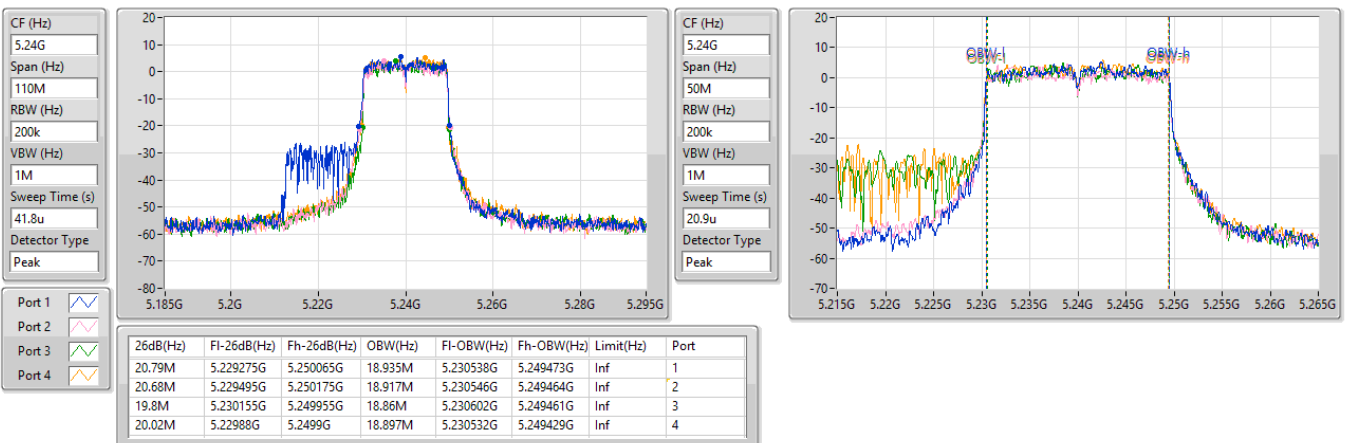


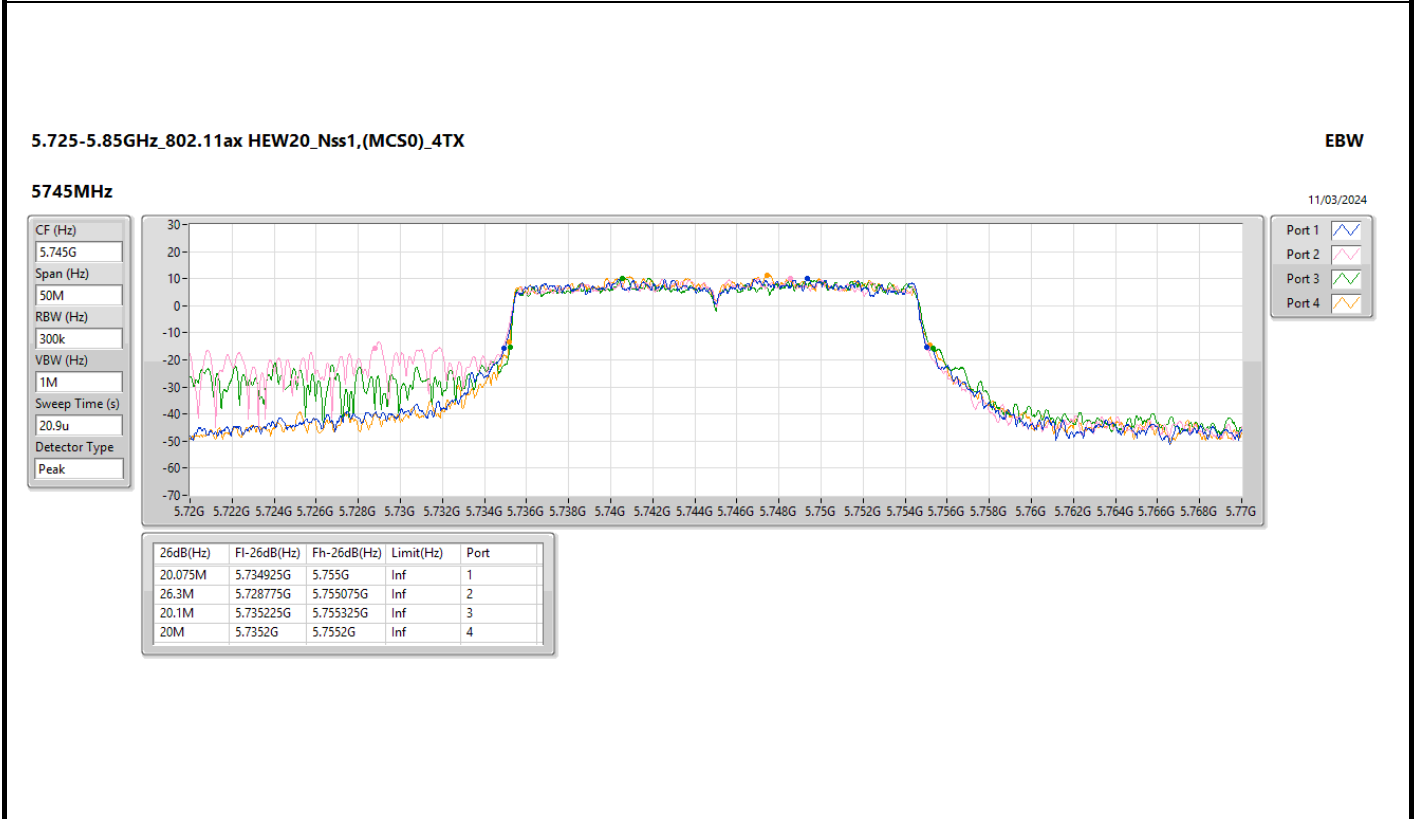
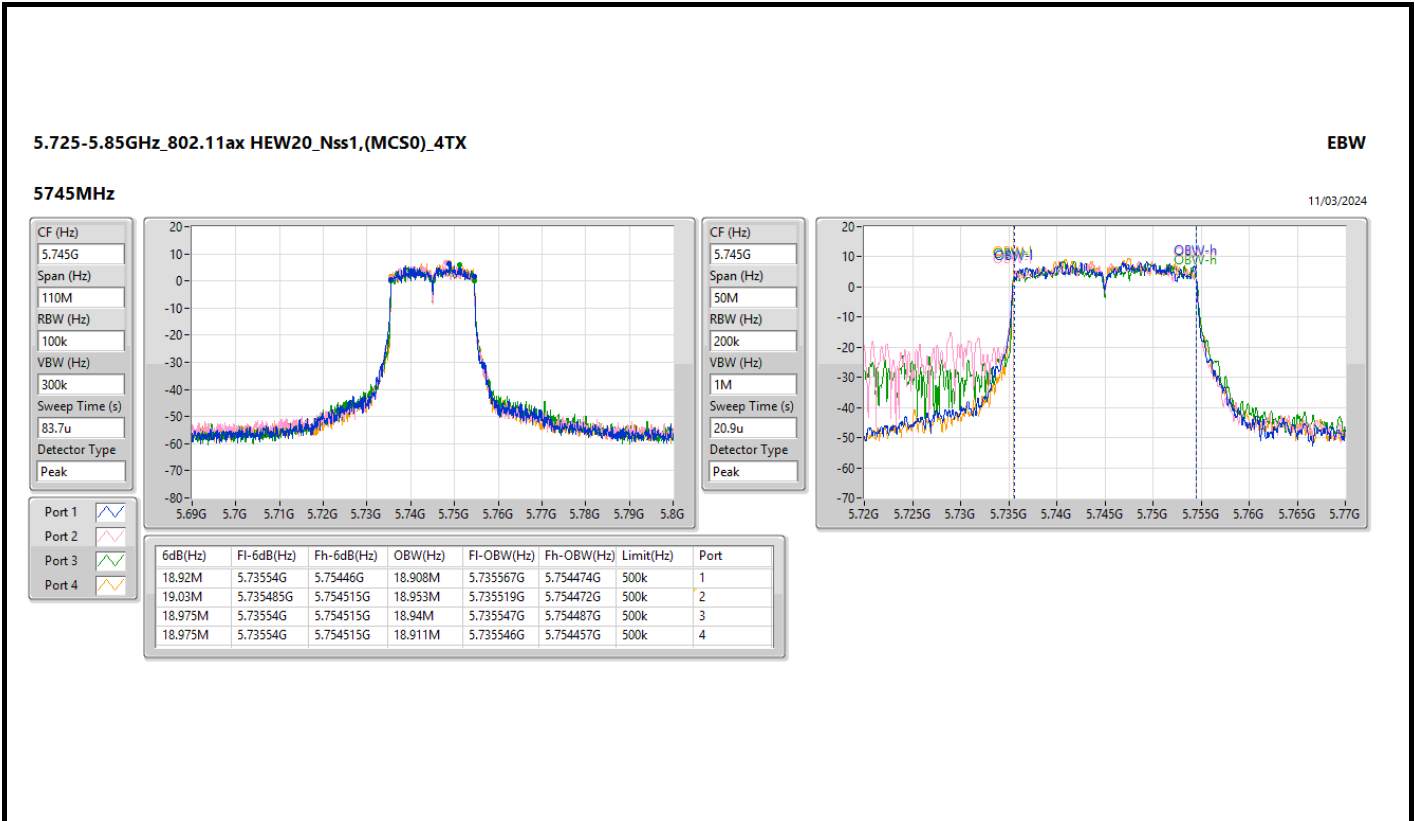
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

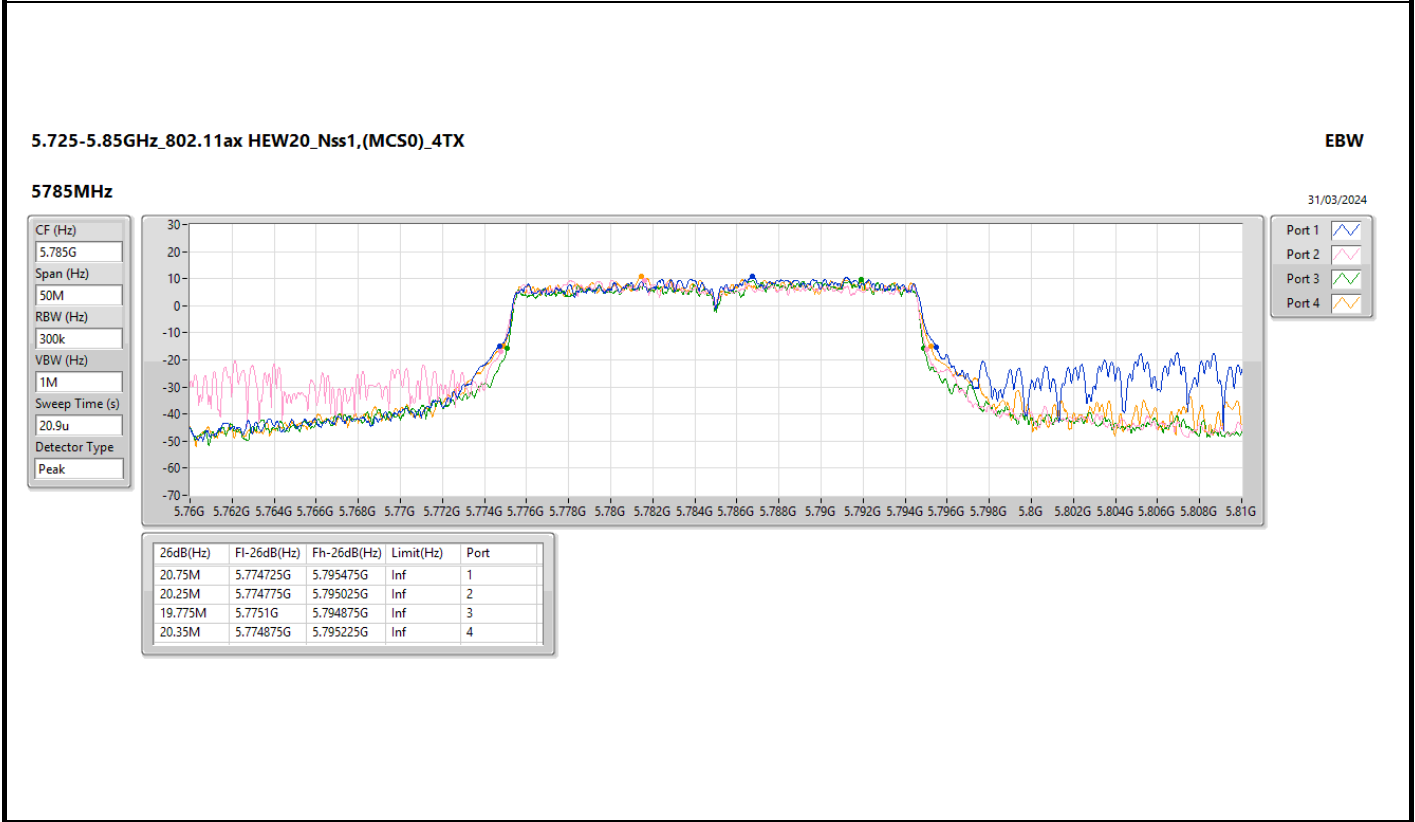
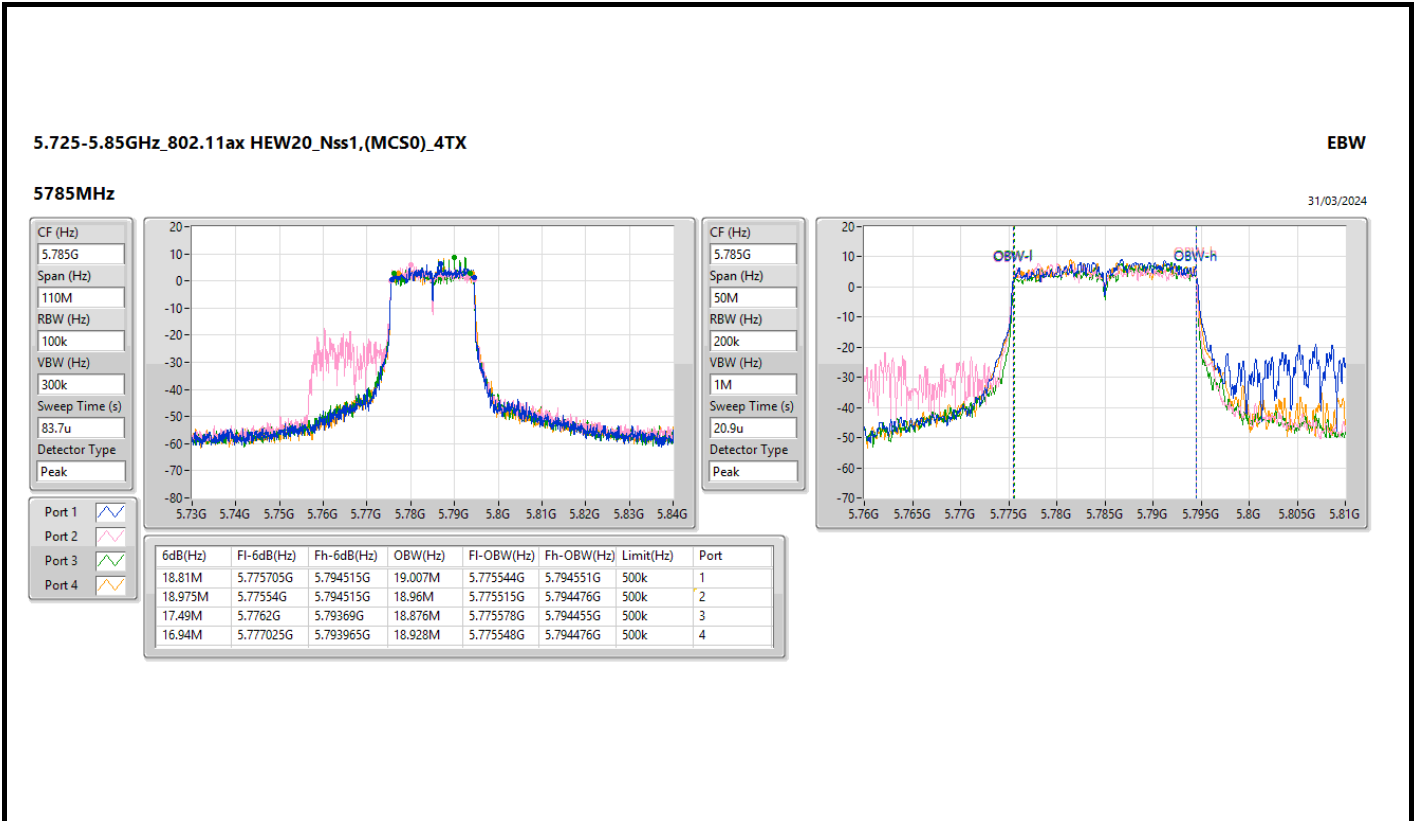
EBW

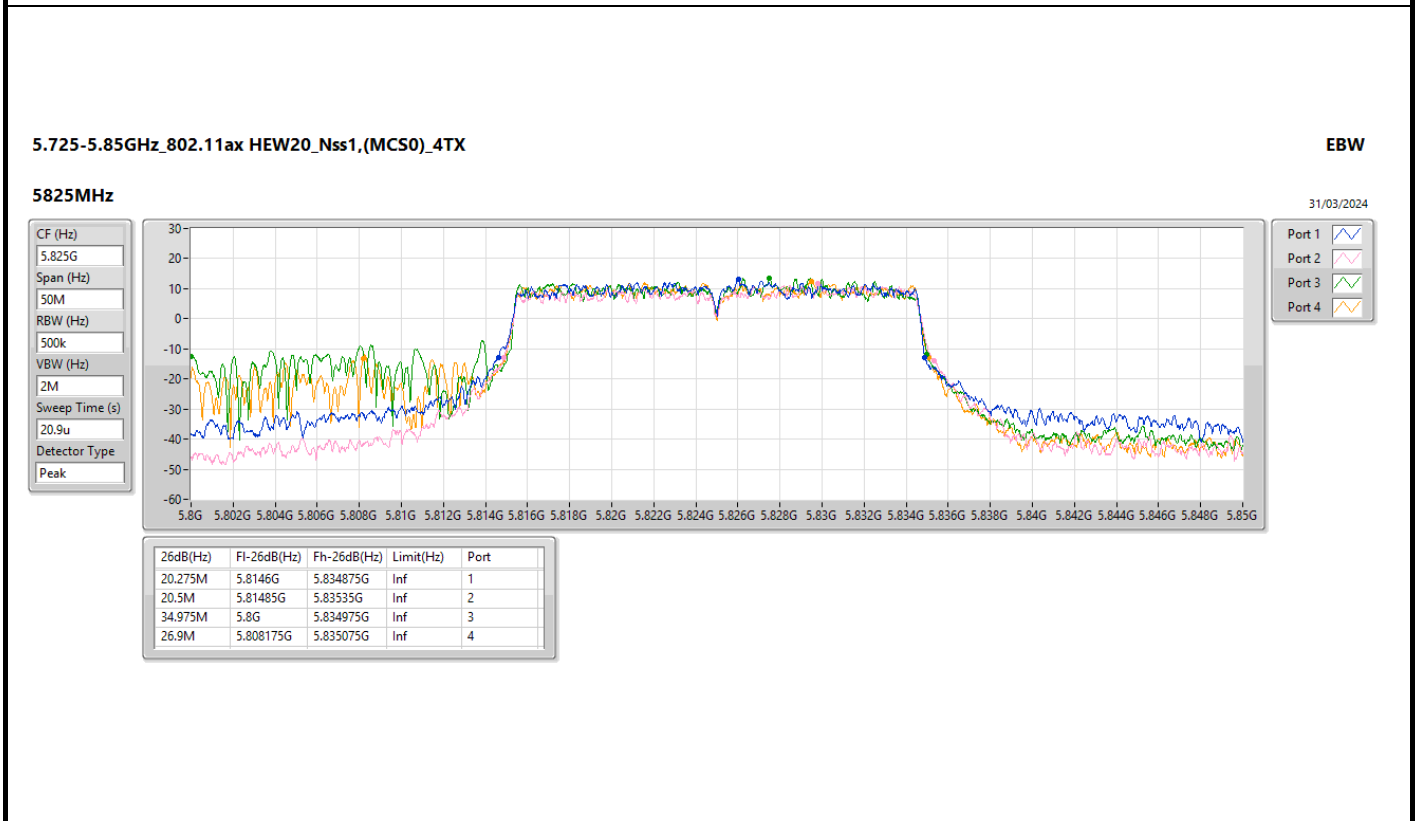
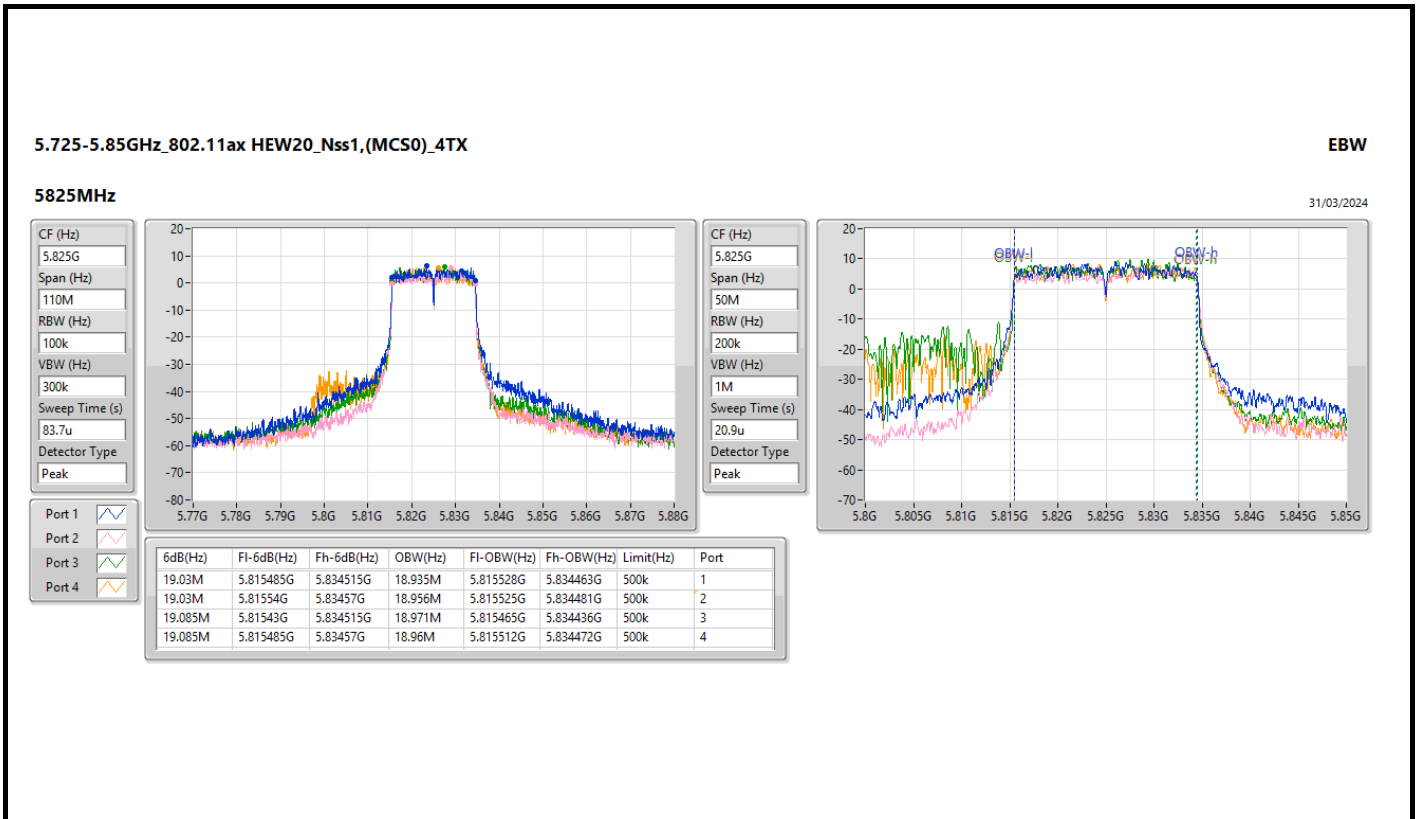
5240MHz

31/03/2024







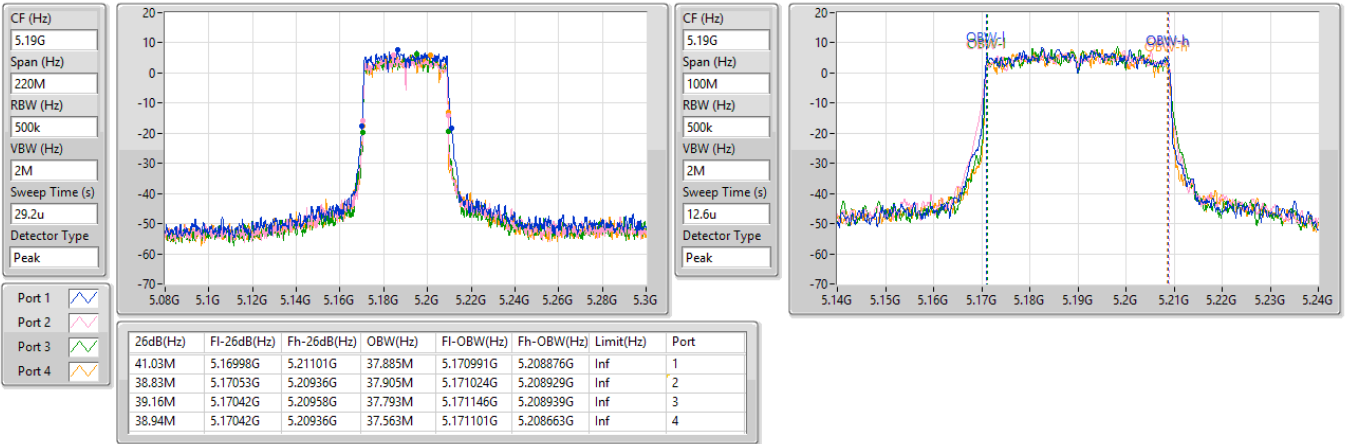


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

11/03/2024

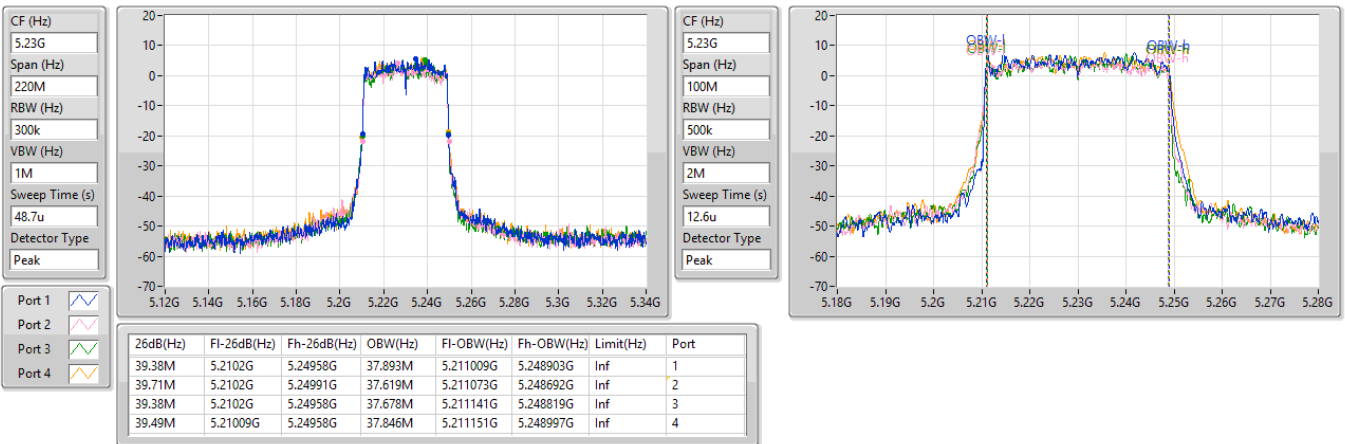


5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

31/03/2024

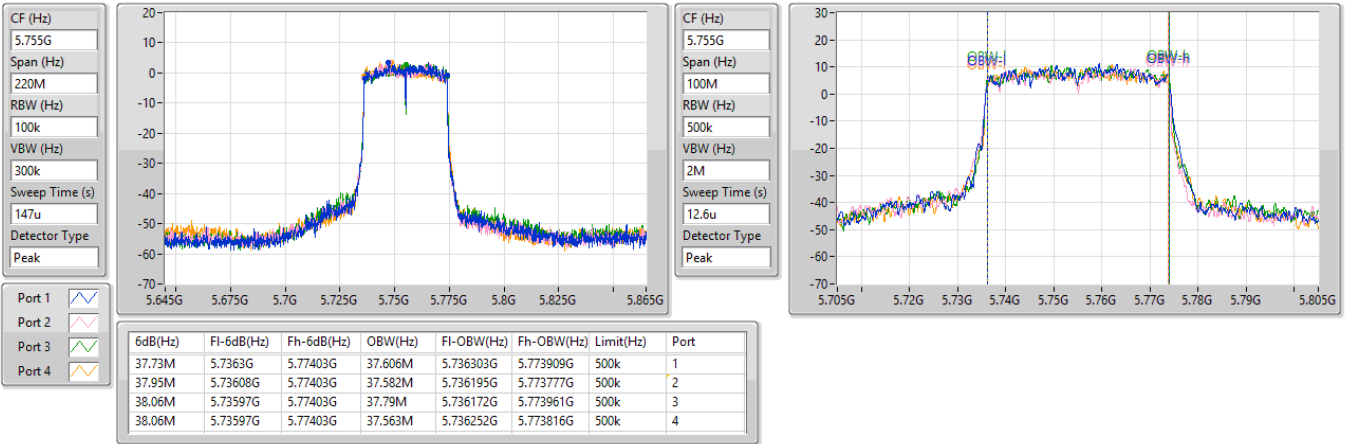


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

11/03/2024

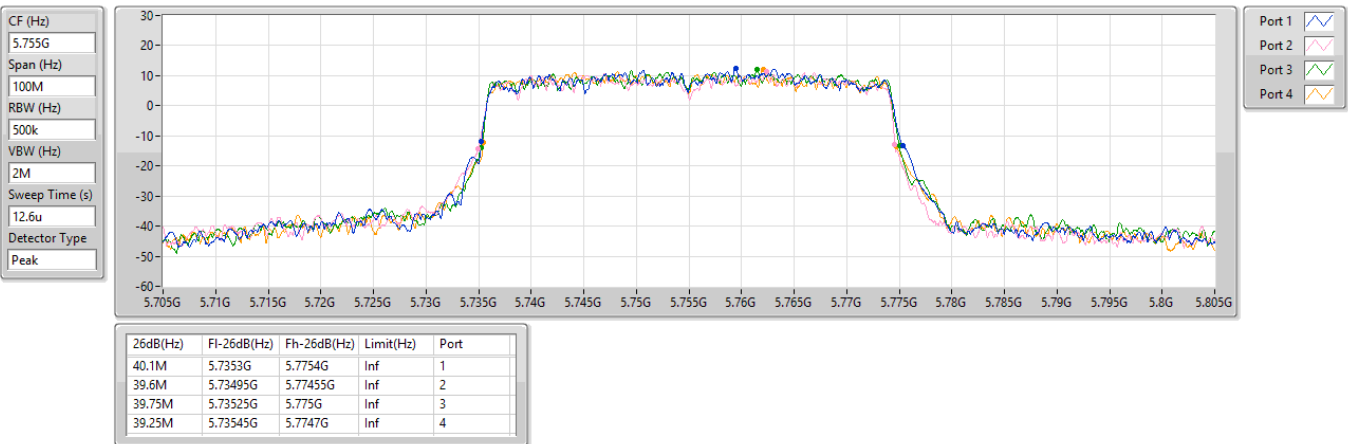


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

11/03/2024

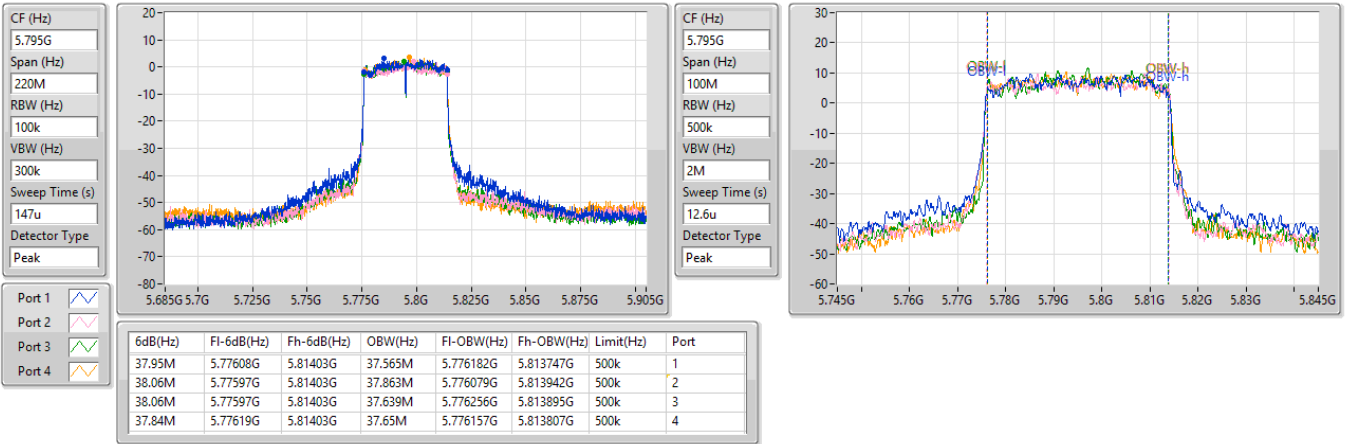


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

31/03/2024

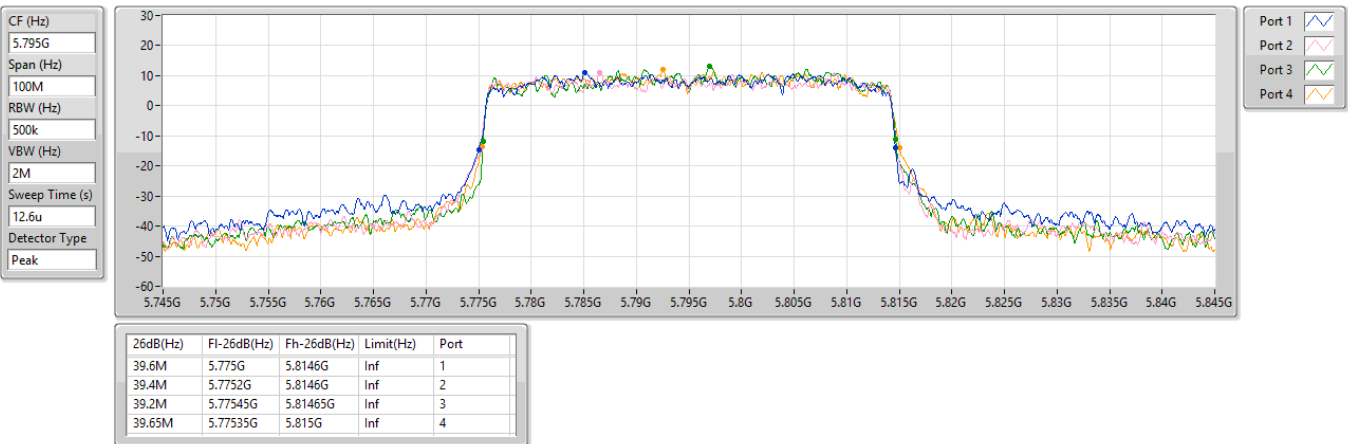


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

31/03/2024



5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

11/03/2024

CF (Hz)
5.21G

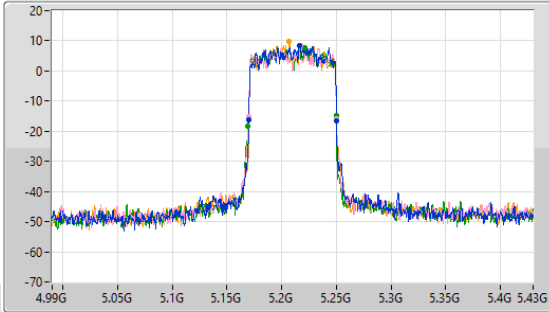
Span (Hz)
440M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
29.3u

Detector Type
Peak



CF (Hz)
5.21G

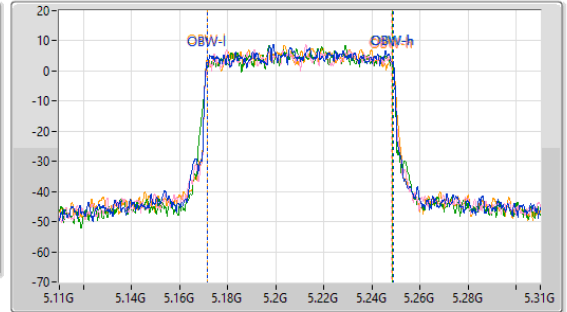
Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
14.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.3M	5.16996G	5.25026G	77.275M	5.171415G	5.24869G	Inf	1
80.3M	5.16974G	5.25004G	76.676M	5.171533G	5.248209G	Inf	2
80.96M	5.16908G	5.25004G	77.168M	5.171443G	5.248611G	Inf	3
80.08M	5.16996G	5.25004G	77.205M	5.171323G	5.248528G	Inf	4

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

31/03/2024

CF (Hz)
5.775G

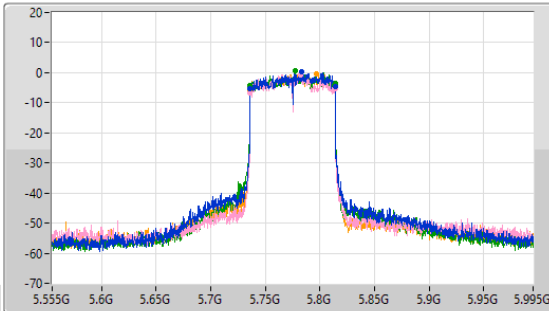
Span (Hz)
440M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
272u

Detector Type
Peak



CF (Hz)
5.775G

Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
14.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.1M	5.73606G	5.81416G	77.042M	5.736485G	5.813527G	500k	1
77.88M	5.73584G	5.81372G	76.606M	5.736645G	5.813252G	500k	2
77.44M	5.73628G	5.81372G	77.34M	5.736341G	5.813681G	500k	3
78.32M	5.73584G	5.81416G	77.083M	5.736546G	5.813629G	500k	4

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

31/03/2024

CF (Hz)
5.775G

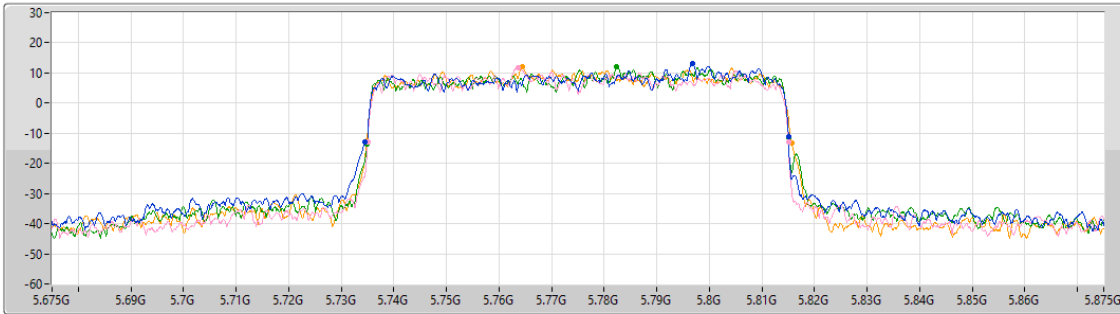
Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
14.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
80.5M	5.7345G	5.815G	Inf	1
80M	5.735G	5.815G	Inf	2
80.1M	5.7349G	5.815G	Inf	3
80.9M	5.7348G	5.8157G	Inf	4

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

13/03/2024

CF (Hz)
5.18G

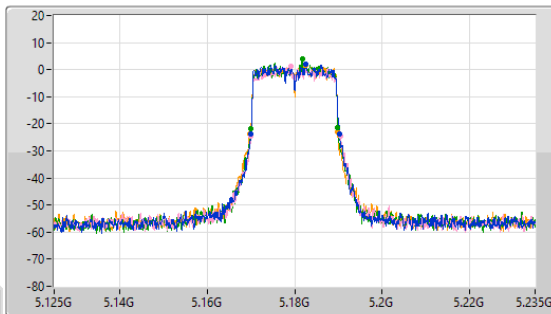
Span (Hz)
110M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
41.8u

Detector Type
Peak



CF (Hz)
5.18G

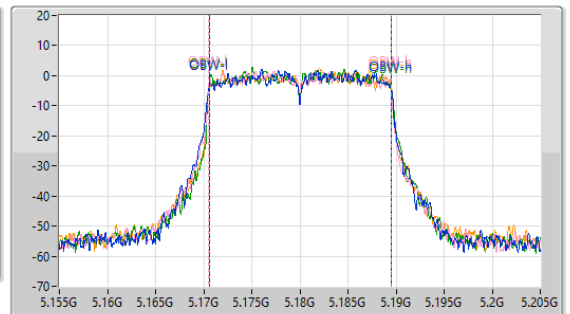
Span (Hz)
50M

RBW (Hz)
200k

VBW (Hz)
1M

Sweep Time (s)
20.9u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

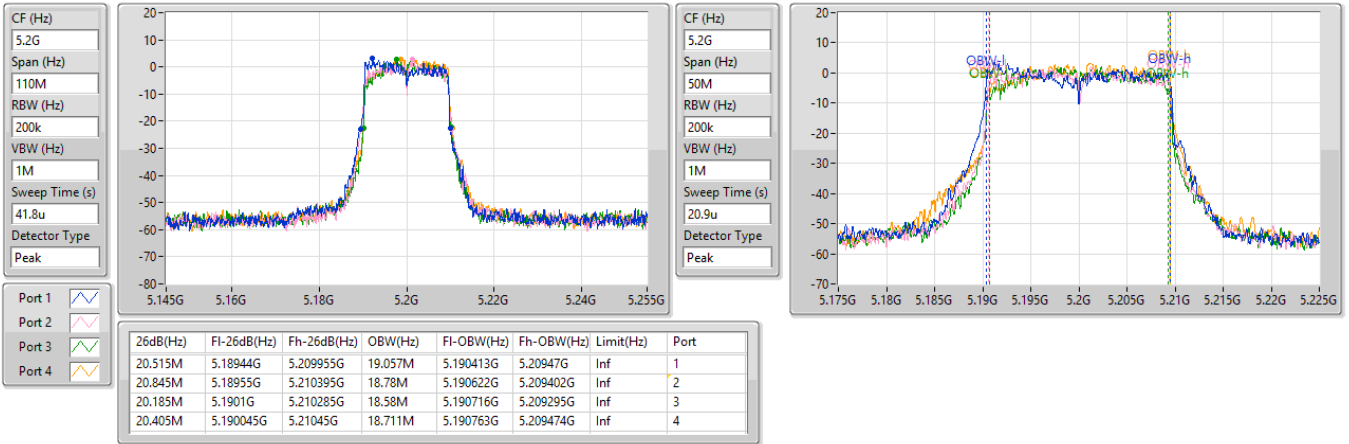
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.295M	5.16999G	5.190285G	18.908M	5.170557G	5.189466G	Inf	1
20.46M	5.16999G	5.19045G	18.918M	5.170546G	5.189464G	Inf	2
19.855M	5.170045G	5.1899G	18.881M	5.170592G	5.189473G	Inf	3
20.02M	5.169825G	5.189845G	18.89M	5.170574G	5.189464G	Inf	4

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

31/03/2024

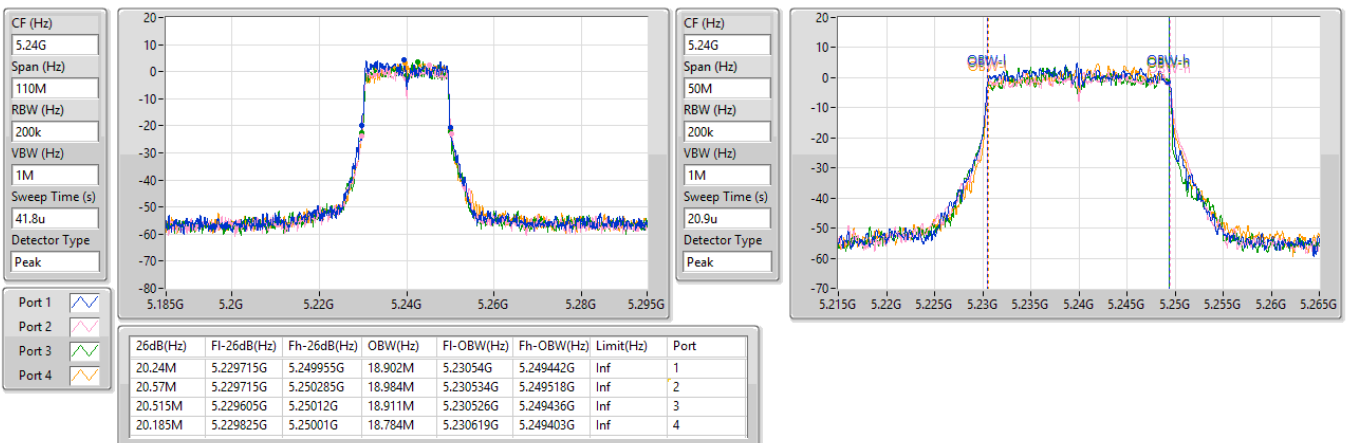


5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

31/03/2024

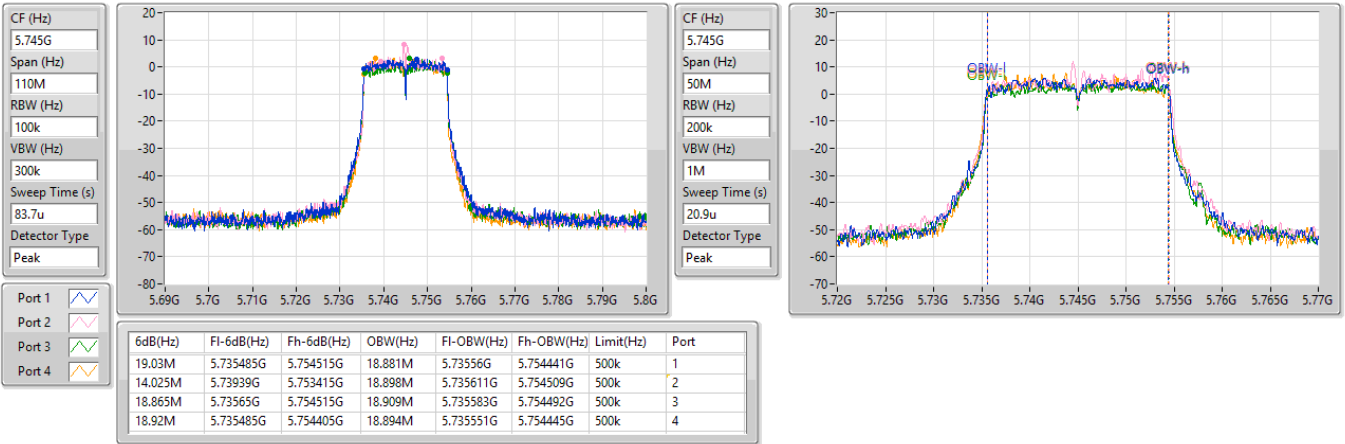


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

11/03/2024



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

11/03/2024

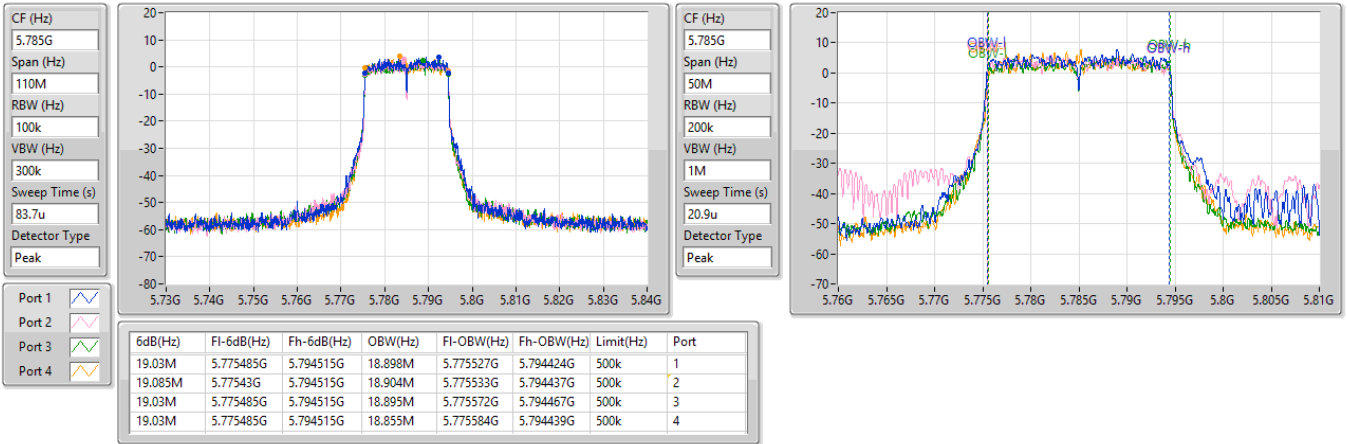


5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

31/03/2024



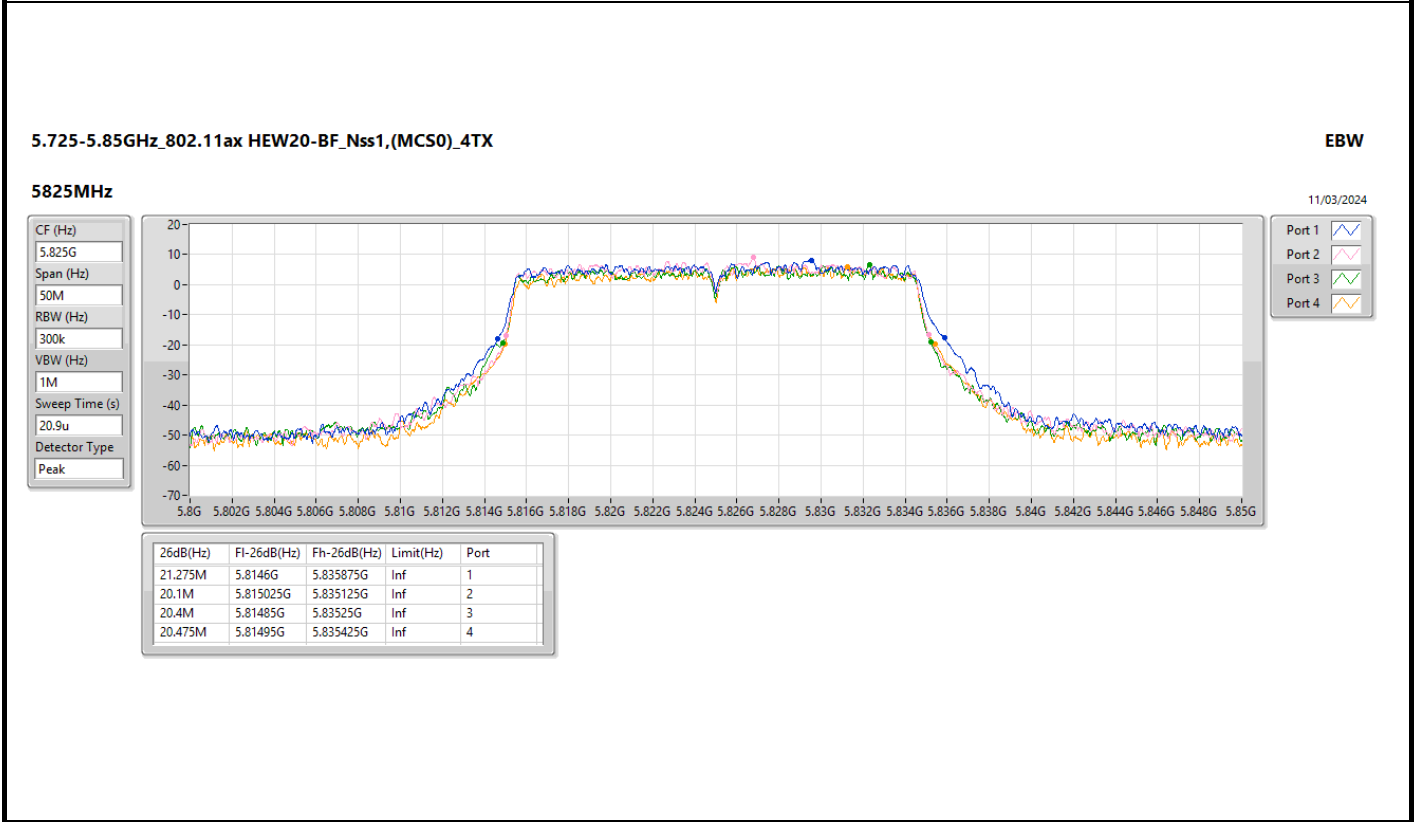
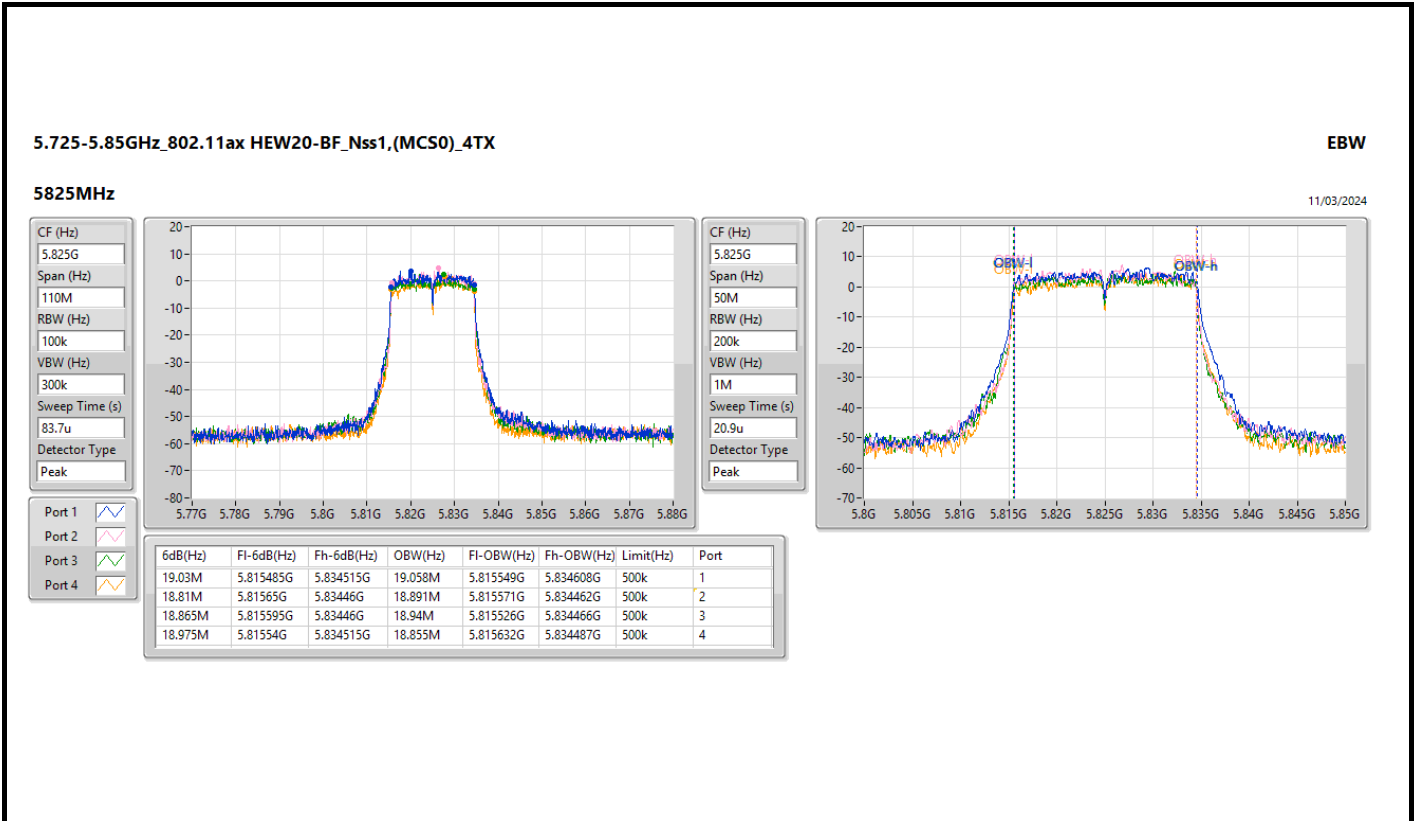
5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

31/03/2024





5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

13/03/2024

CF (Hz)
5.19G

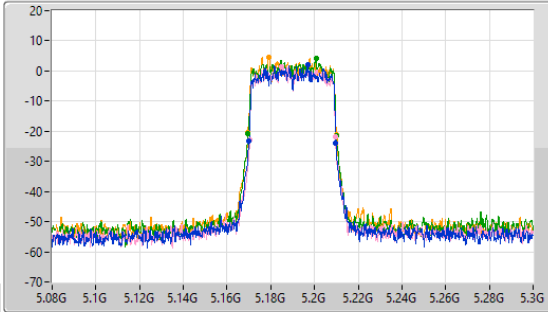
Span (Hz)
220M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
29.2u

Detector Type
Peak



CF (Hz)
5.19G

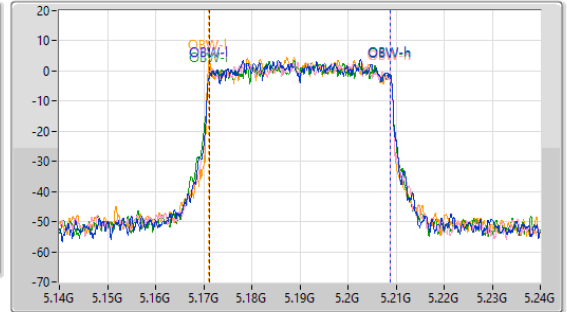
Span (Hz)
100M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
12.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.71M	5.17009G	5.2098G	37.727M	5.171137G	5.208864G	Inf	1
39.16M	5.17031G	5.20947G	37.629M	5.171166G	5.208794G	Inf	2
40.37M	5.16954G	5.20991G	37.678M	5.171186G	5.208864G	Inf	3
40.59M	5.16954G	5.21013G	37.763M	5.170995G	5.208758G	Inf	4

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

31/03/2024

CF (Hz)
5.23G

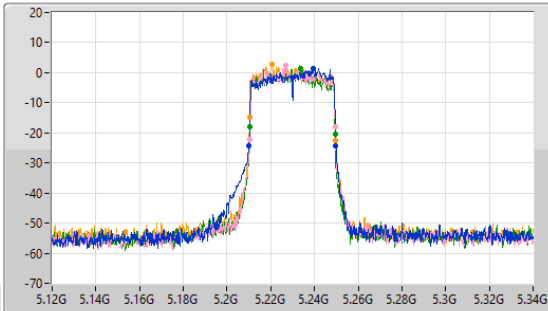
Span (Hz)
220M

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
48.7u

Detector Type
Peak



CF (Hz)
5.23G

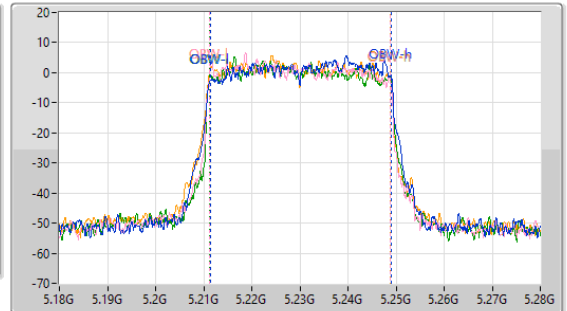
Span (Hz)
100M

RBW (Hz)
500k

VBW (Hz)
2M

Sweep Time (s)
12.6u

Detector Type
Peak



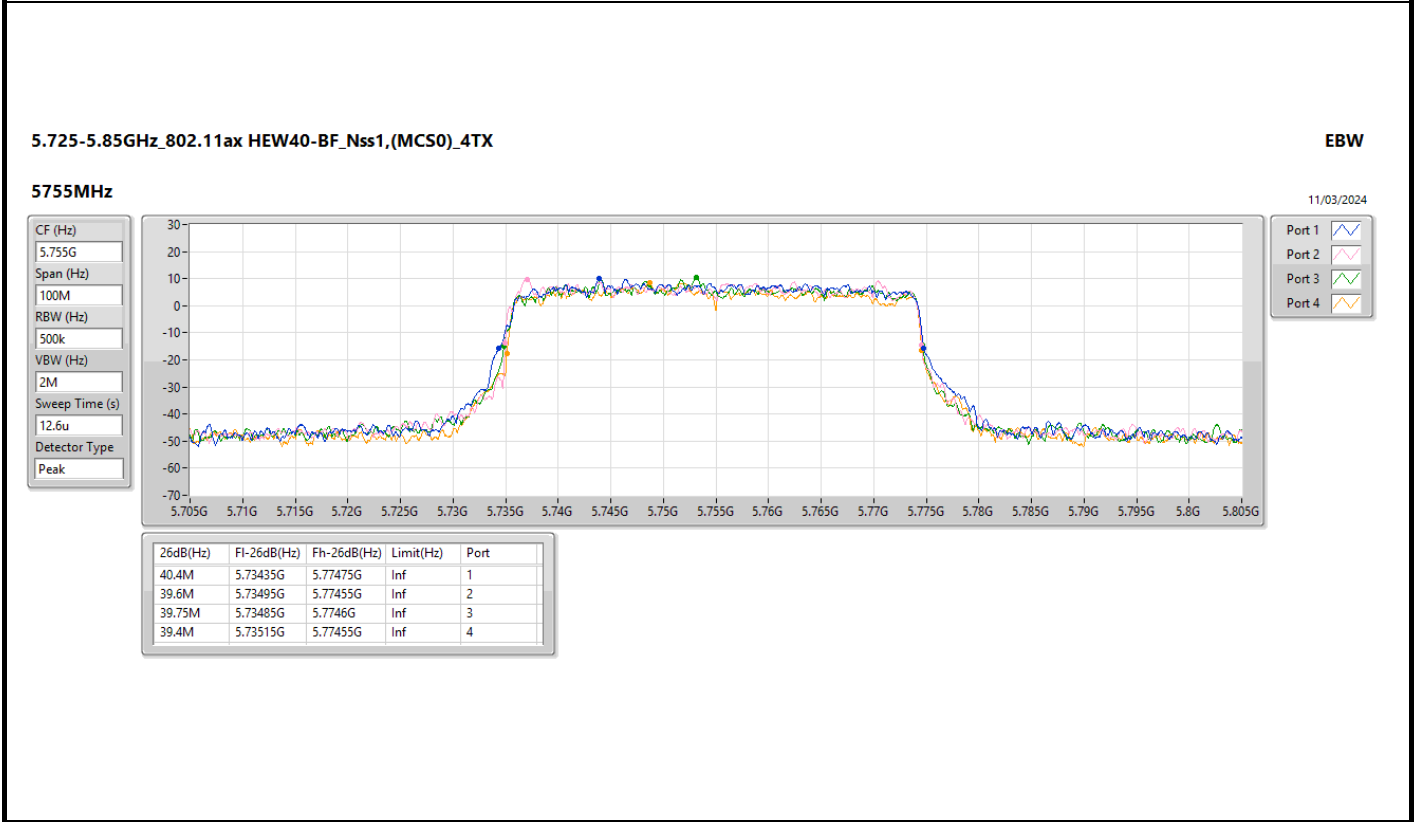
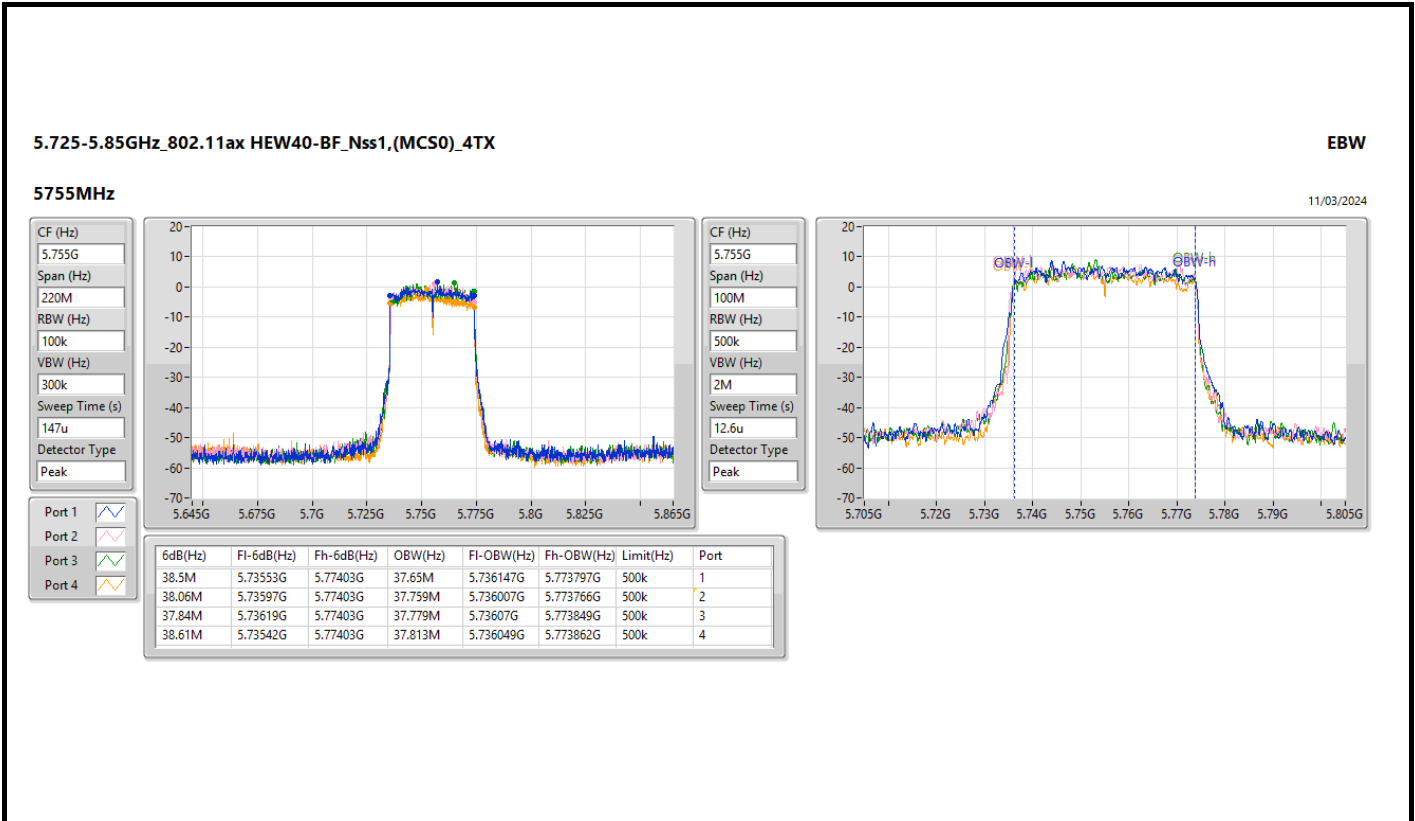
Port 1

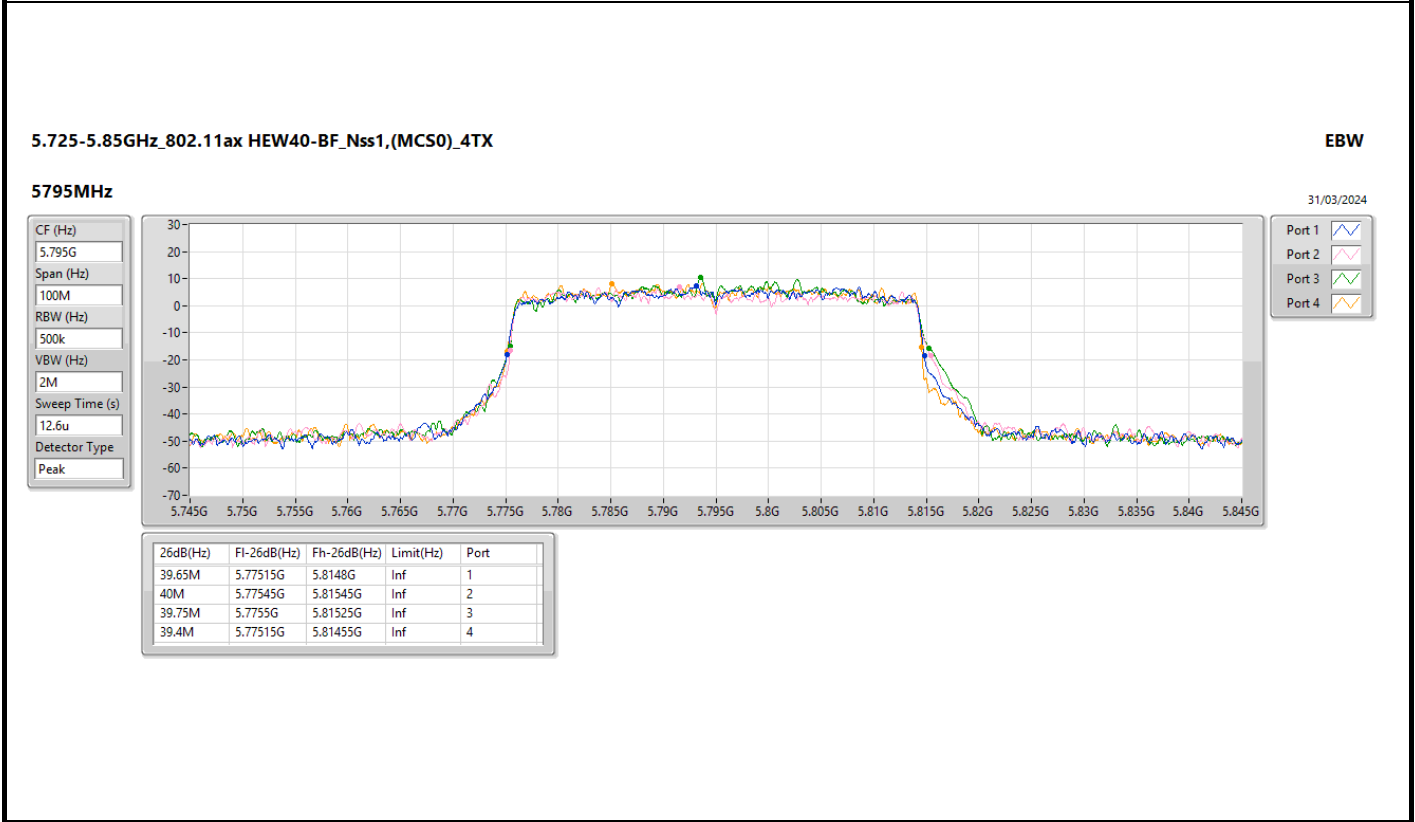
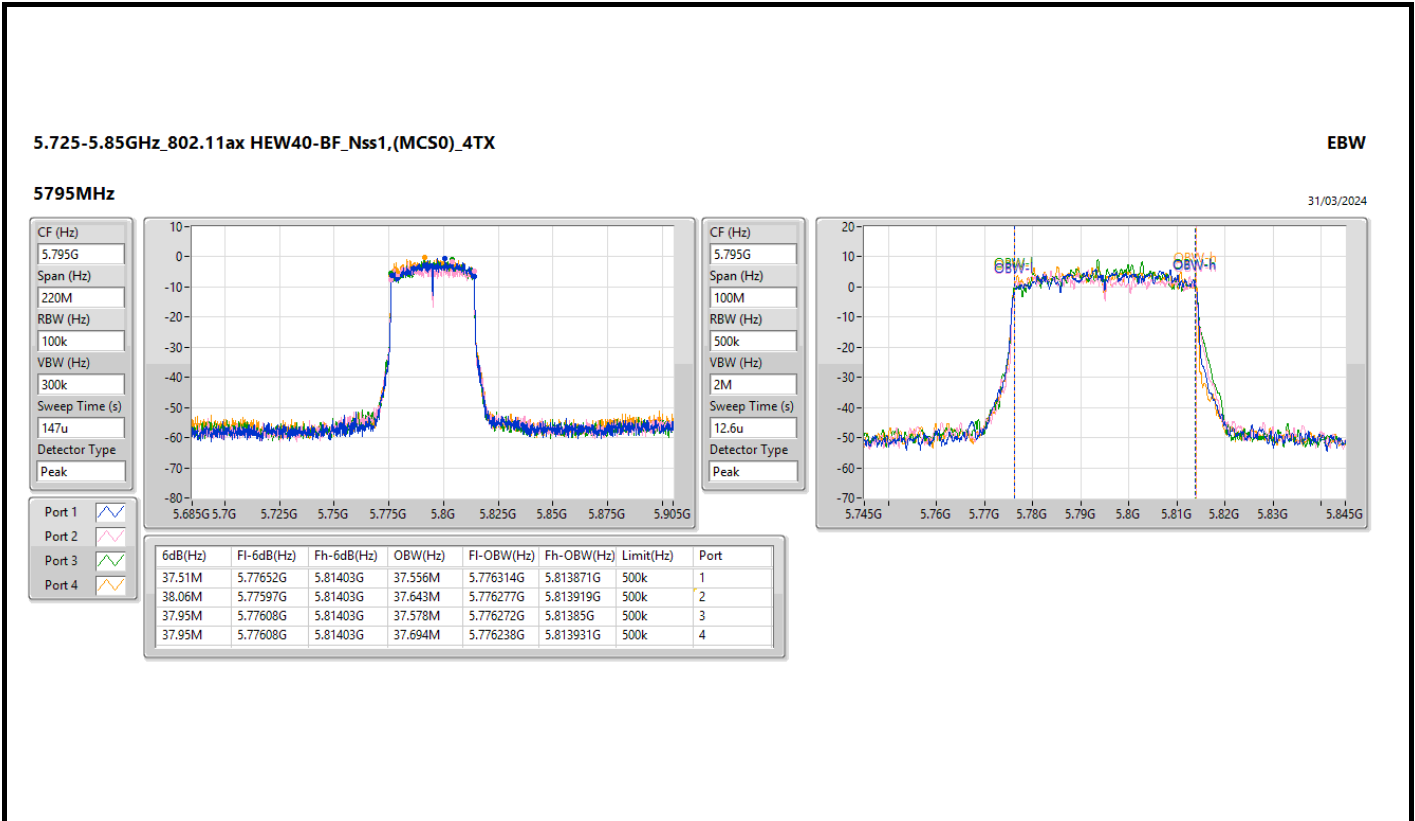
Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.93M	5.20987G	5.2498G	37.591M	5.21135G	5.248941G	Inf	1
38.83M	5.21053G	5.24936G	37.496M	5.21122G	5.248716G	Inf	2
38.72M	5.21064G	5.24936G	37.613M	5.21123G	5.248843G	Inf	3
39.38M	5.2102G	5.24958G	37.669M	5.211115G	5.248784G	Inf	4





5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5210MHz

13/03/2024

CF (Hz)
5.21G

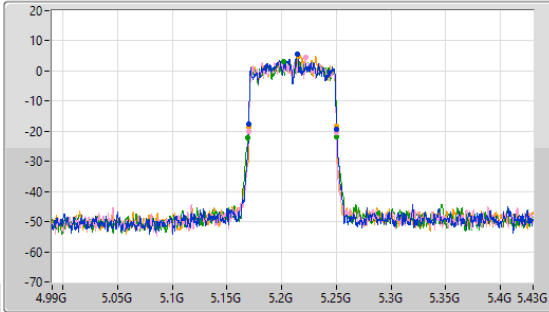
Span (Hz)
440M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
29.3u

Detector Type
Peak



CF (Hz)
5.21G

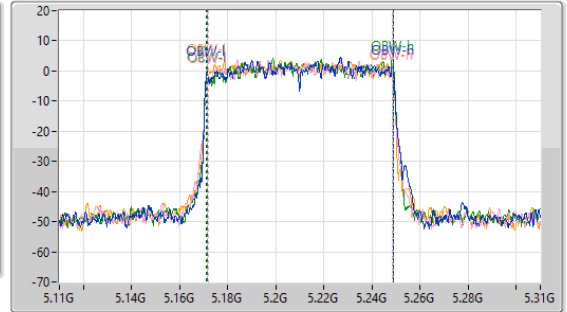
Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
14.6u

Detector Type
Peak



Port 1

Port 2

Port 3

Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.16996G	5.25048G	77.533M	5.171301G	5.248834G	Inf	1
80.08M	5.16996G	5.25004G	76.825M	5.171762G	5.248587G	Inf	2
81.18M	5.16908G	5.25026G	77.272M	5.171716G	5.248988G	Inf	3
80.08M	5.16996G	5.25004G	77.051M	5.171385G	5.248437G	Inf	4

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

12/03/2024

CF (Hz)
5.775G

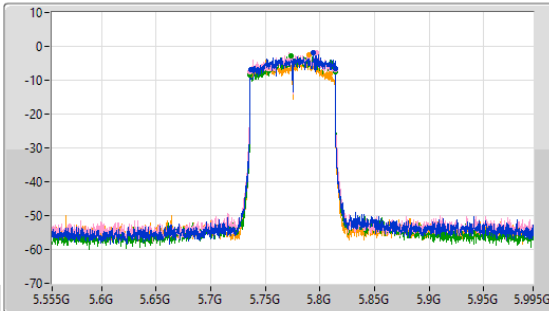
Span (Hz)
440M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep Time (s)
272u

Detector Type
Peak



CF (Hz)
5.775G

Span (Hz)
200M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
14.6u

Detector Type
Peak



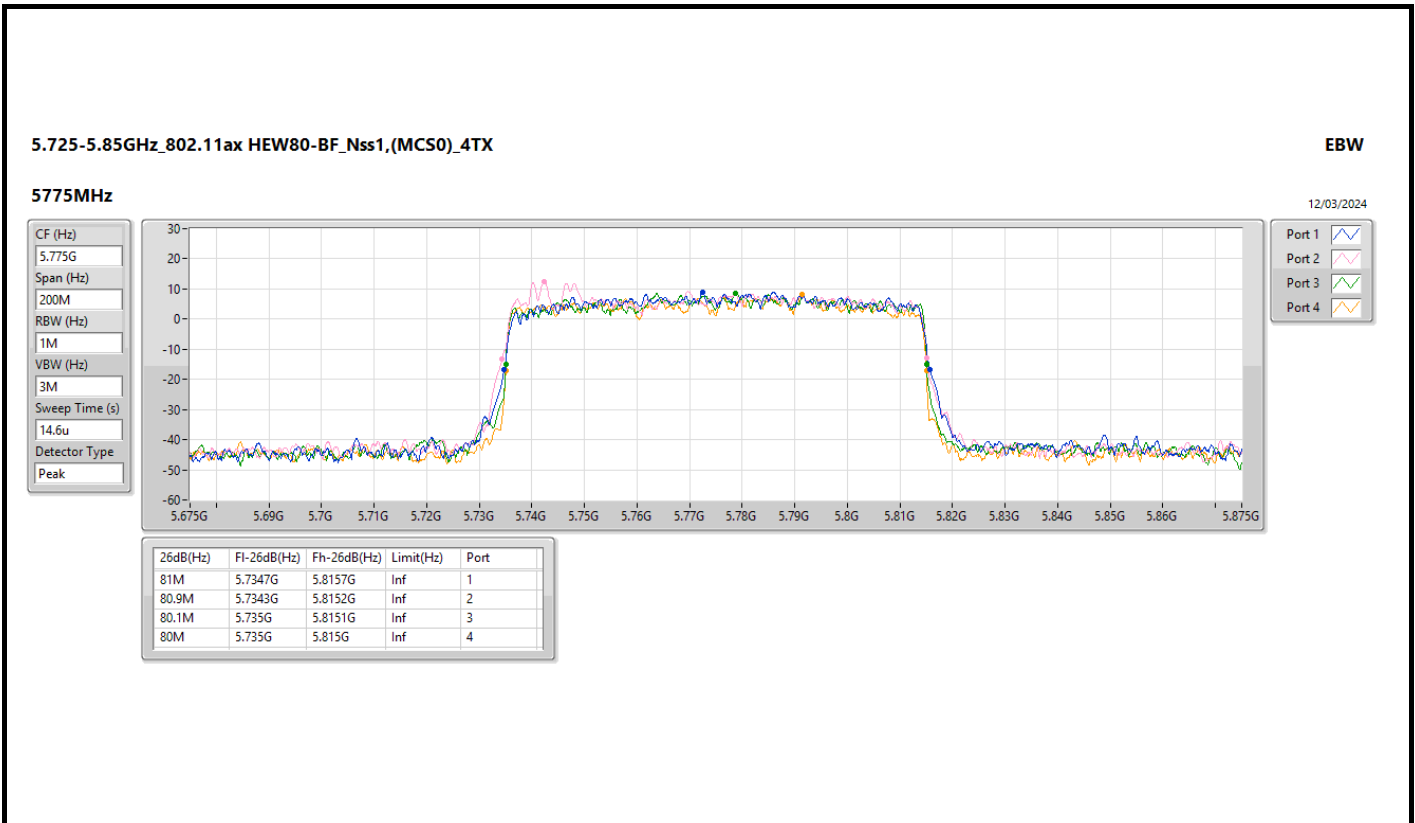
Port 1

Port 2

Port 3

Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.78M	5.73716G	5.81394G	76.441M	5.73705G	5.813491G	500k	1
78.1M	5.73584G	5.81394G	76.947M	5.736492G	5.813439G	500k	2
77.88M	5.73628G	5.81416G	77.398M	5.736529G	5.813926G	500k	3
72.38M	5.73716G	5.80954G	76.923M	5.73649G	5.813413G	500k	4





Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.95	0.24831
802.11ax HEW20_Nss1,(MCS0)_4TX	23.86	0.24322
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.66	0.11641
802.11ax HEW40_Nss1,(MCS0)_4TX	24.70	0.29512
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.45	0.11092
802.11ax HEW80_Nss1,(MCS0)_4TX	24.26	0.26669
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.35	0.10839
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	26.58	0.45499
802.11ax HEW20_Nss1,(MCS0)_4TX	26.77	0.47534
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.73	0.23605
802.11ax HEW40_Nss1,(MCS0)_4TX	26.77	0.47534
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.45	0.22131
802.11ax HEW80_Nss1,(MCS0)_4TX	26.57	0.45394
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.33	0.21528



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	9.20	17.89	18.10	17.82	17.89	23.95	26.80
5200MHz	Pass	9.20	17.78	17.14	17.38	17.74	23.54	26.80
5240MHz	Pass	9.20	18.17	17.65	16.85	18.08	23.74	26.80
5745MHz	Pass	9.20	20.17	20.63	20.23	21.15	26.58	26.80
5785MHz	Pass	9.20	20.67	20.28	19.96	20.63	26.42	26.80
5825MHz	Pass	9.20	20.55	20.54	20.06	19.98	26.31	26.80
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.20	18.19	17.14	18.16	17.77	23.86	26.80
5200MHz	Pass	9.20	17.83	17.42	16.52	17.88	23.47	26.80
5240MHz	Pass	9.20	18.45	17.62	16.91	18.33	23.89	26.80
5745MHz	Pass	9.20	20.56	20.79	20.37	21.23	26.77	26.80
5785MHz	Pass	9.20	20.84	20.32	20.13	20.62	26.51	26.80
5825MHz	Pass	9.20	20.69	21.07	20.51	20.57	26.74	26.80
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.20	18.72	18.76	18.55	18.68	24.70	26.80
5230MHz	Pass	9.20	17.97	17.12	17.32	18.14	23.68	26.80
5755MHz	Pass	9.20	20.93	20.57	20.87	20.61	26.77	26.80
5795MHz	Pass	9.20	20.67	20.77	20.65	20.59	26.69	26.80
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.20	18.58	18.07	18.06	18.24	24.26	26.80
5775MHz	Pass	9.20	20.56	20.65	20.52	20.46	26.57	26.80
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.21	14.35	14.06	14.37	14.48	20.34	23.79
5200MHz	Pass	12.21	14.04	13.58	13.82	14.47	20.01	23.79
5240MHz	Pass	12.21	15.07	14.22	14.10	15.08	20.66	23.79
5745MHz	Pass	12.21	18.17	18.13	16.96	17.47	23.73	23.79
5785MHz	Pass	12.21	18.47	17.98	17.36	16.81	23.72	23.79
5825MHz	Pass	12.21	17.87	17.26	17.71	16.81	23.45	23.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.21	14.50	14.18	14.47	14.57	20.45	23.79
5230MHz	Pass	12.21	14.83	14.03	13.47	14.07	20.15	23.79
5755MHz	Pass	12.21	18.06	17.45	16.95	16.59	23.32	23.79
5795MHz	Pass	12.21	17.75	17.11	17.95	16.83	23.45	23.79
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.21	14.57	13.92	14.28	14.50	20.35	23.79
5775MHz	Pass	12.21	17.60	18.07	17.20	16.12	23.33	23.79

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



Average Power_E.I.R.P. at any elevation angle above 30 degrees Appendix C.2

Summary

Mode	EIRP Elevation 30° (dBm)	EIRP Elevation 30° (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.73	0.11830
802.11ax HEW20_Nss1,(MCS0)_4TX	20.78	0.11967
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.34	0.10814
802.11ax HEW40_Nss1,(MCS0)_4TX	20.83	0.12106
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.80	0.12023
802.11ax HEW80_Nss1,(MCS0)_4TX	20.87	0.12218
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.29	0.10691

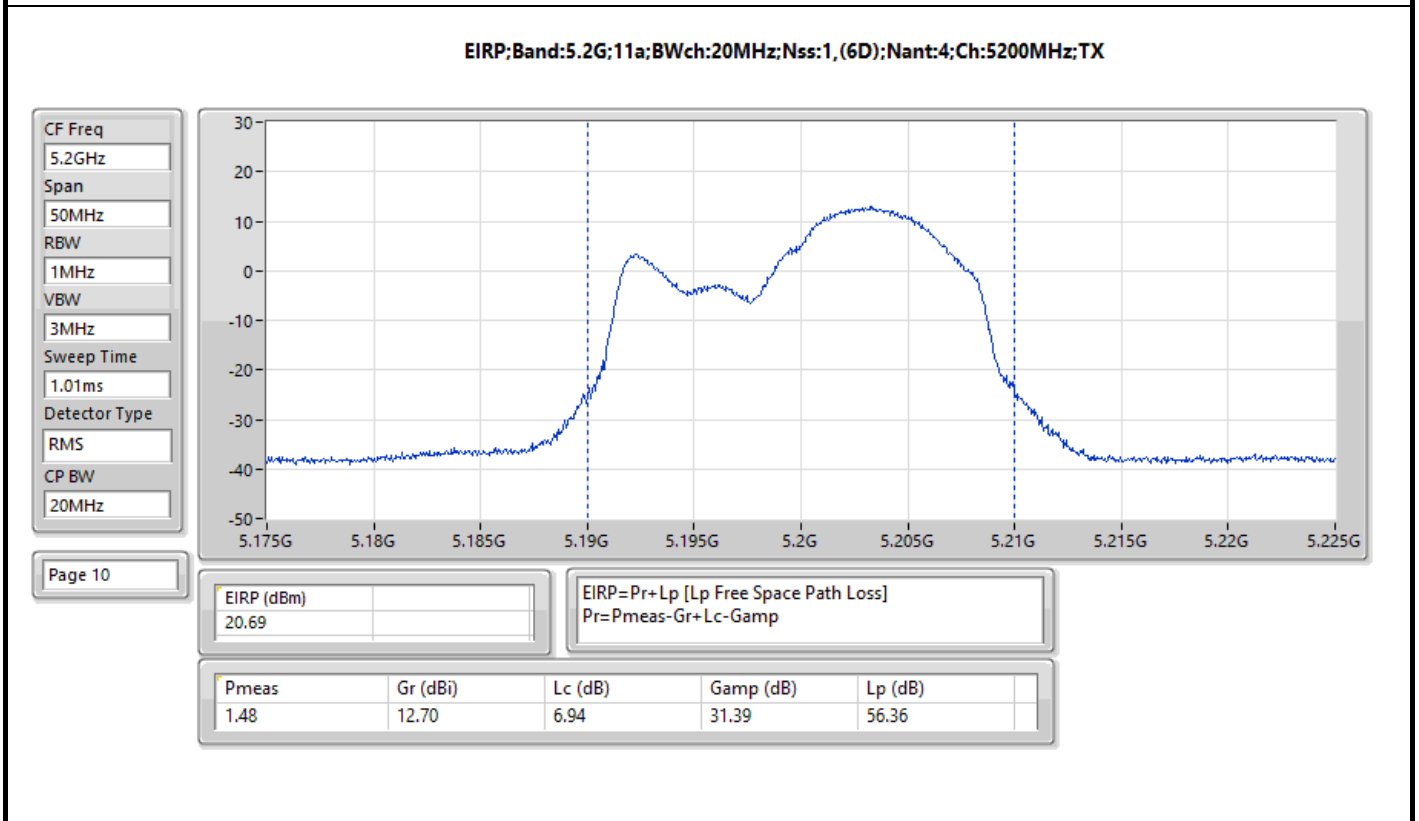
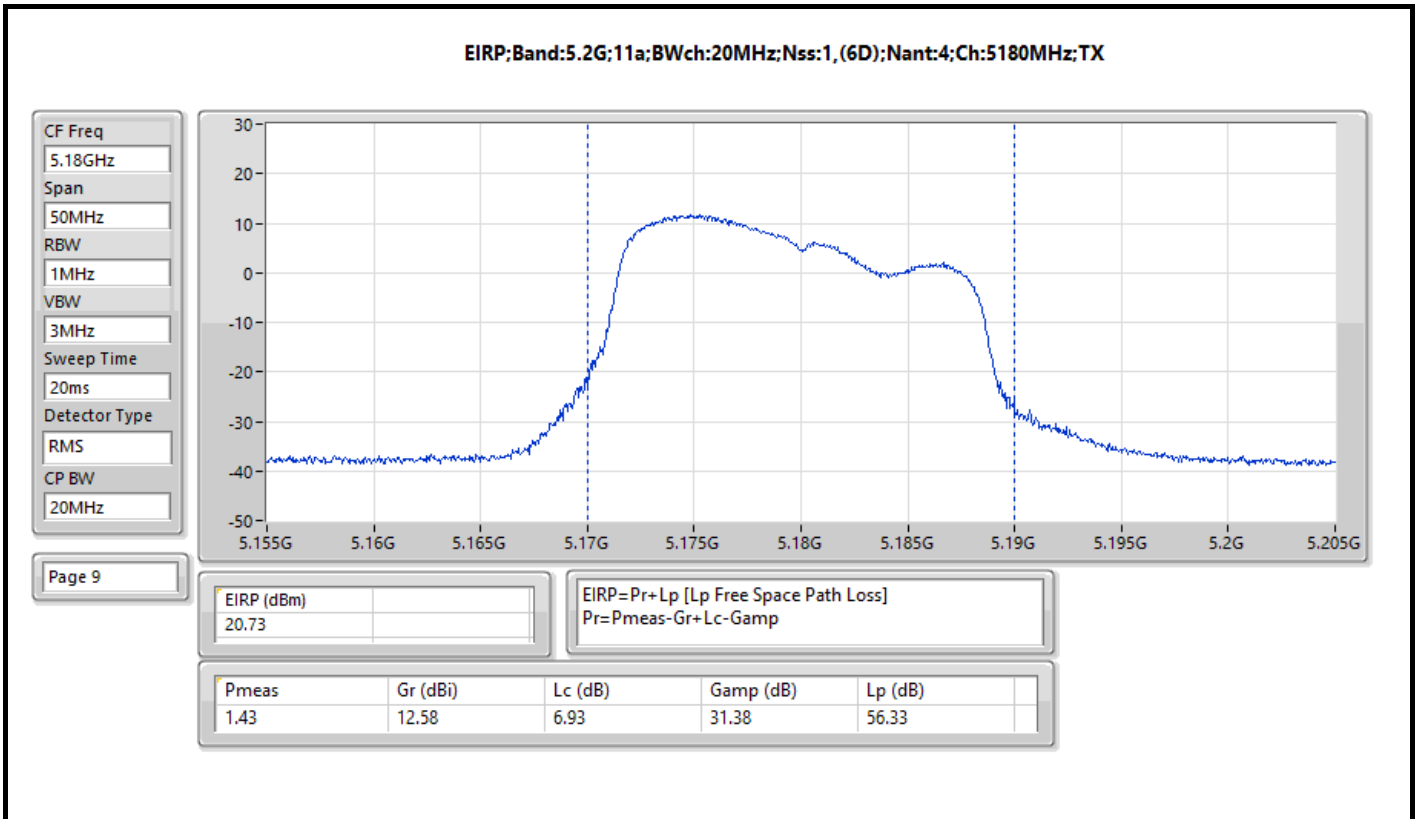


Average Power_E.I.R.P. at any elevation angle above 30 degrees Appendix C.2

Result

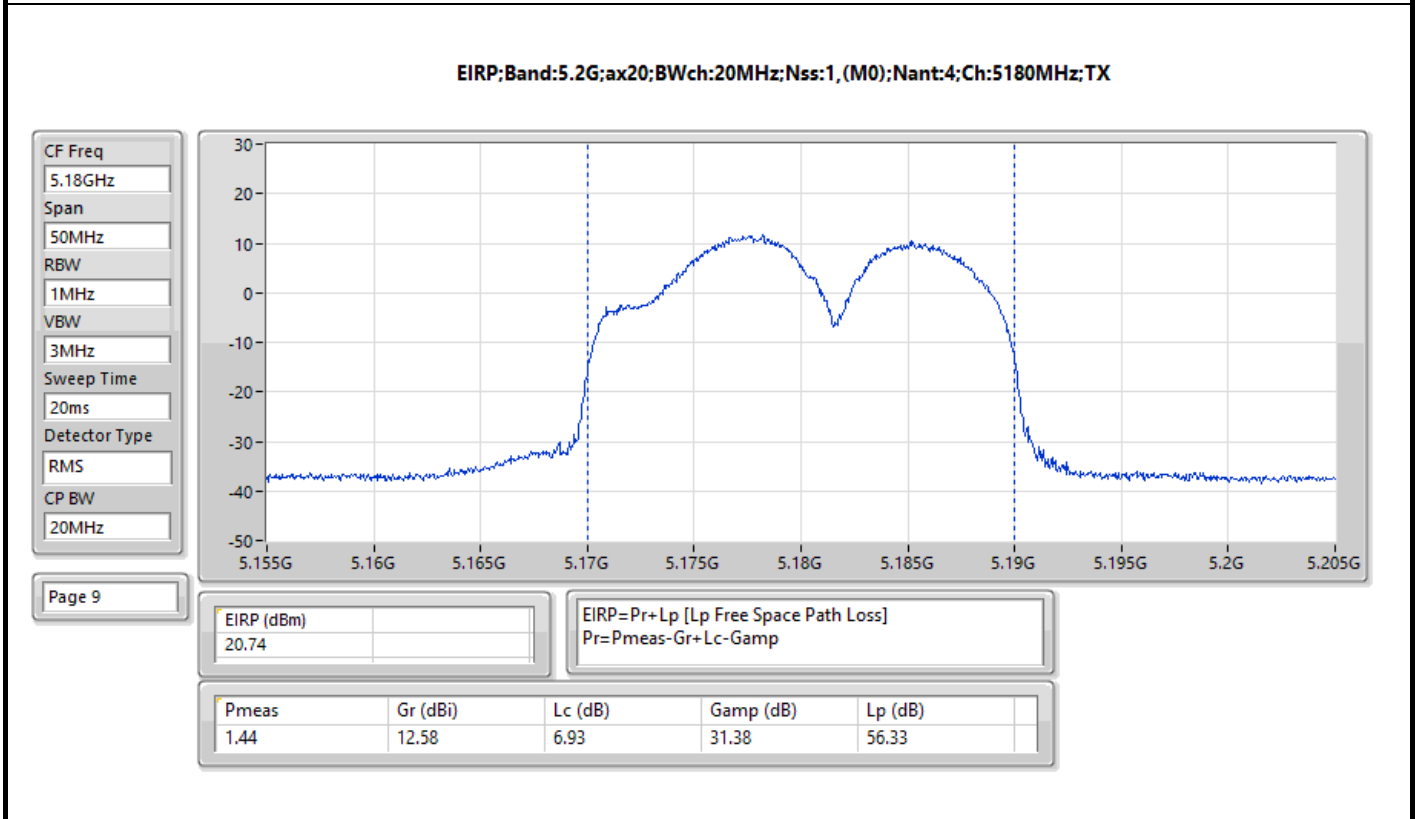
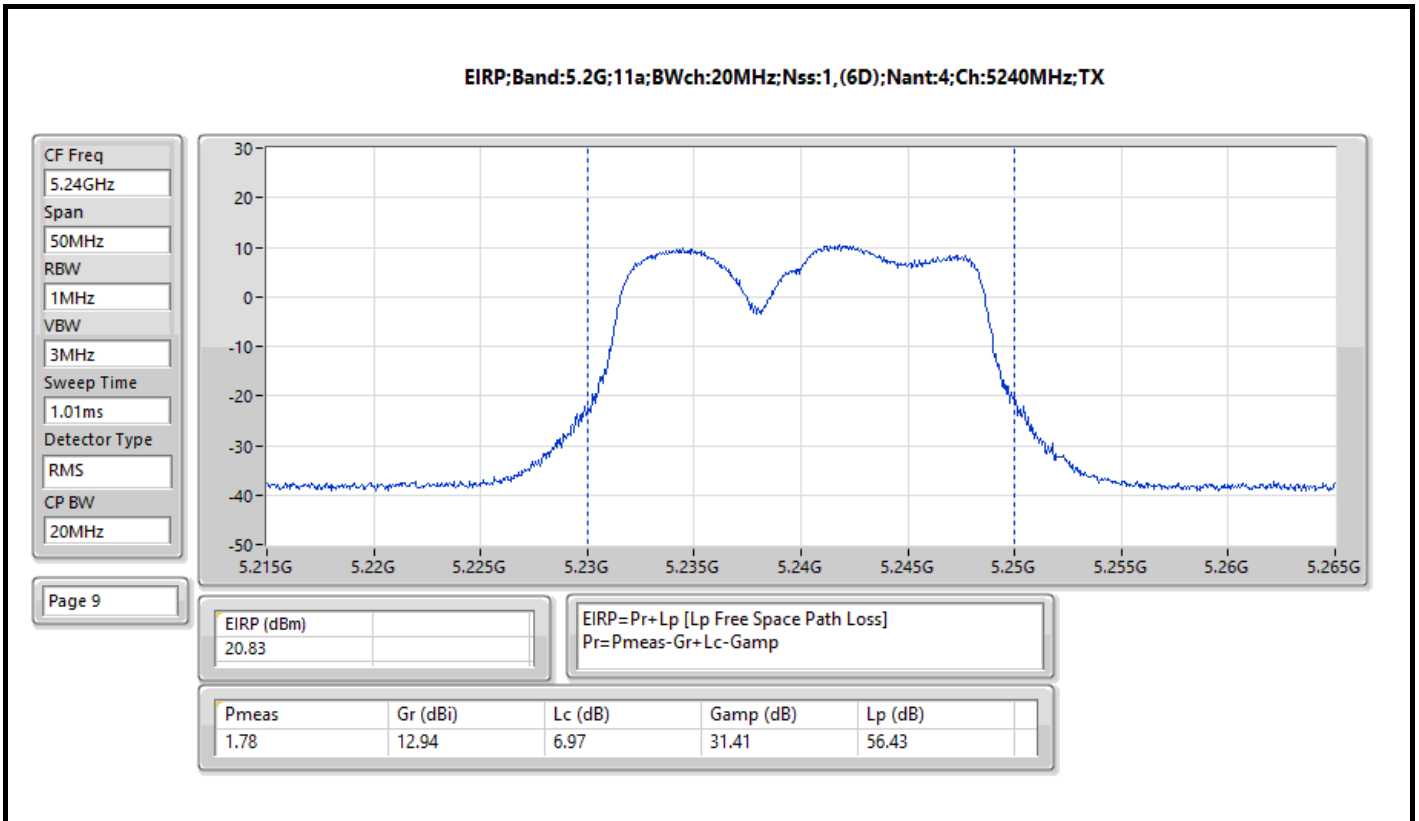
Mode	Result	EIRP Elevation 30° (dBm)	EIRP Elevation 30° Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-
5180MHz	Pass	20.73	21.00
5200MHz	Pass	20.69	21.00
5240MHz	Pass	20.83	21.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-
5180MHz	Pass	20.74	21.00
5200MHz	Pass	20.93	21.00
5240MHz	Pass	20.78	21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-
5190MHz	Pass	20.83	21.00
5230MHz	Pass	20.77	21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-
5210MHz	Pass	20.87	21.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-
5180MHz	Pass	20.29	21.00
5200MHz	Pass	20.38	21.00
5240MHz	Pass	20.34	21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-
5190MHz	Pass	20.80	21.00
5230MHz	Pass	20.76	21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-
5210MHz	Pass	20.29	21.00

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



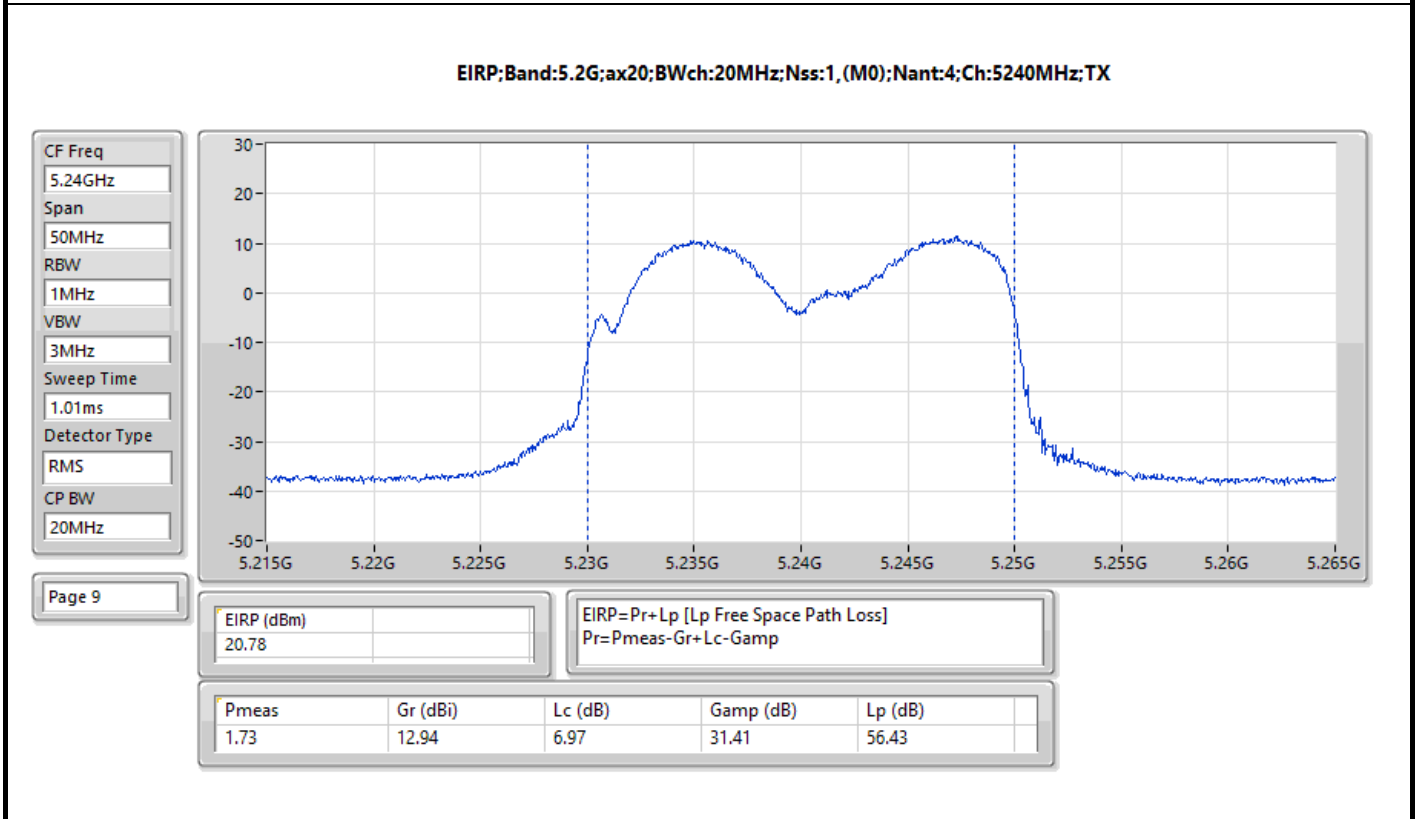
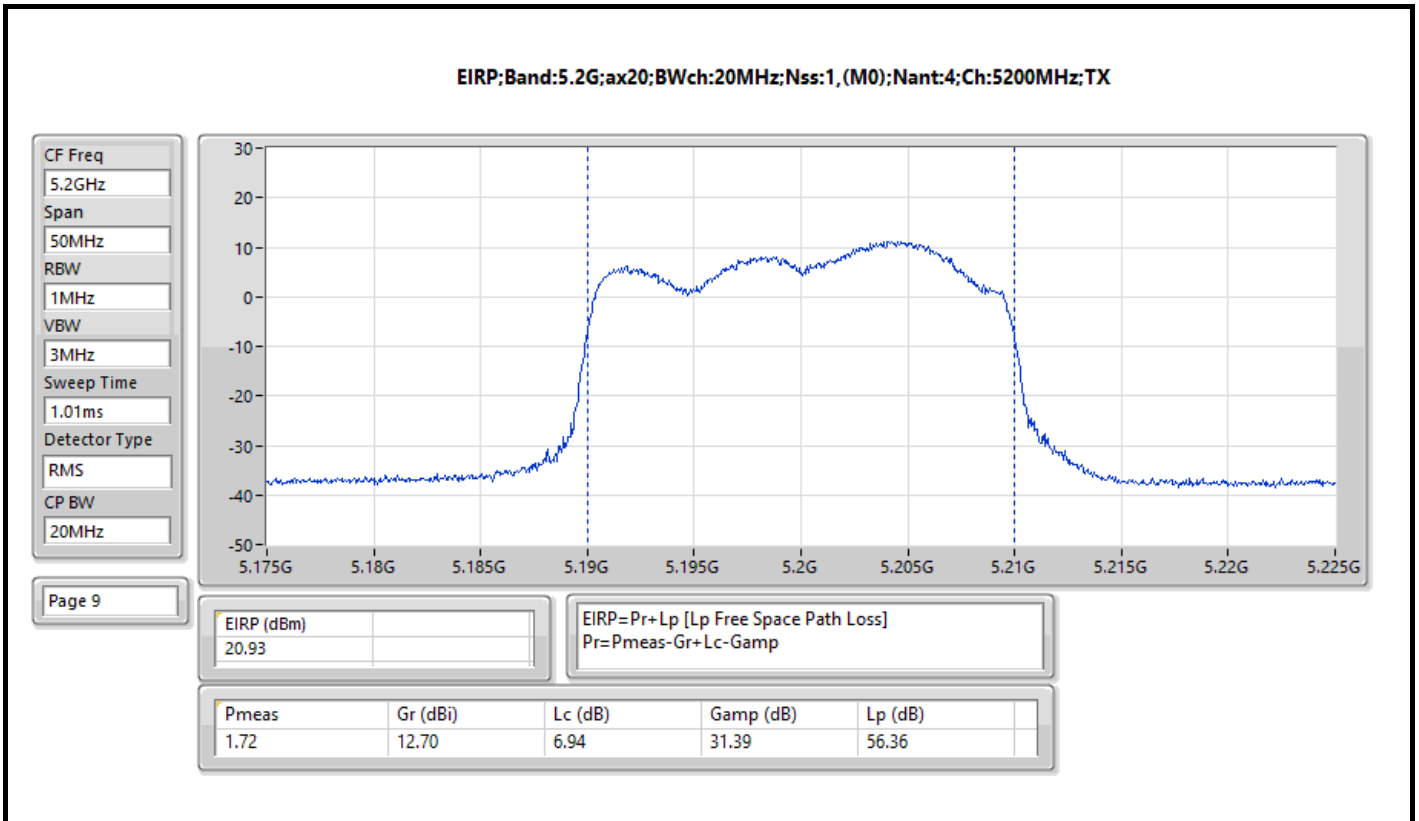


Average Power_E.I.R.P. at any elevation angle above 30 degrees Appendix C.2



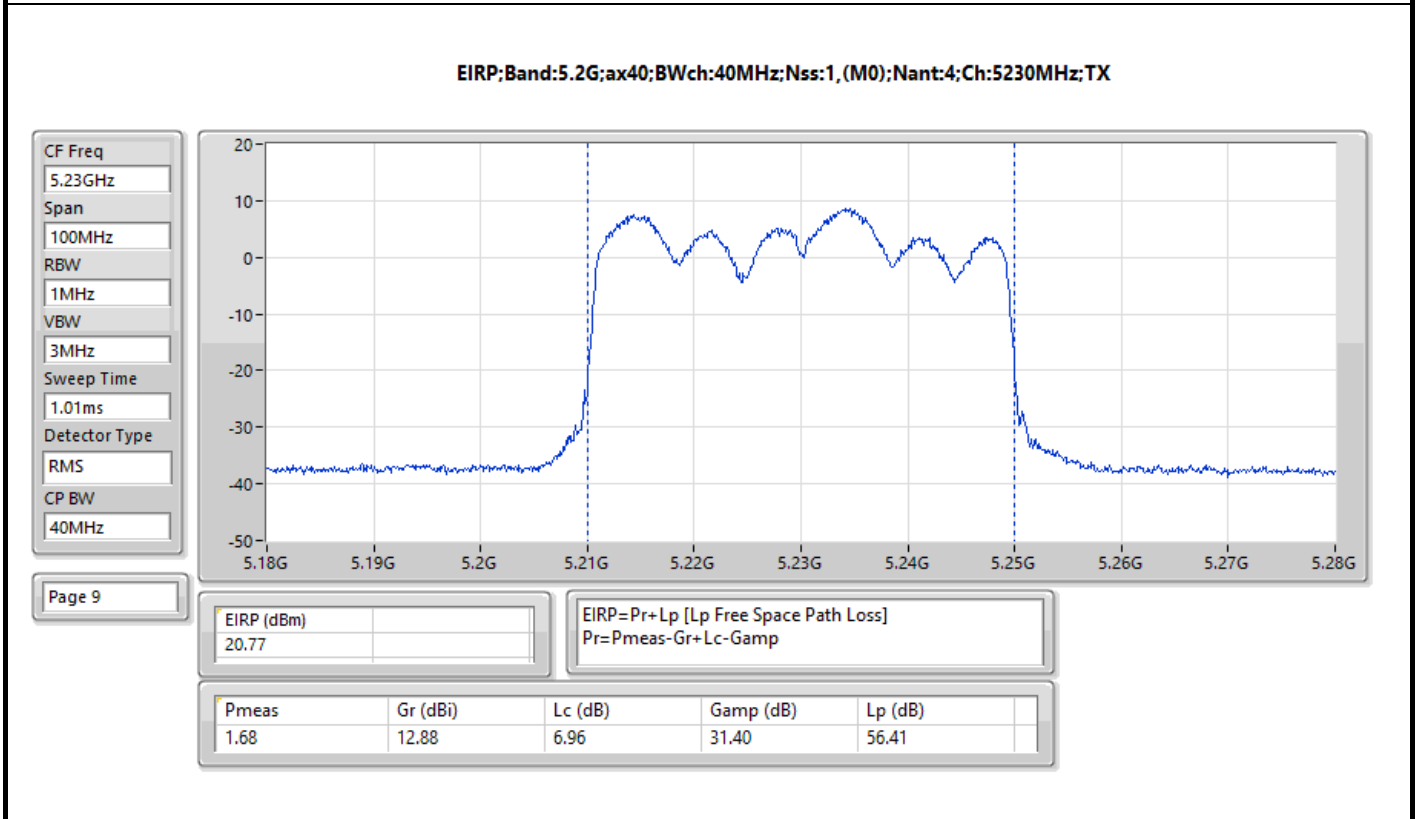
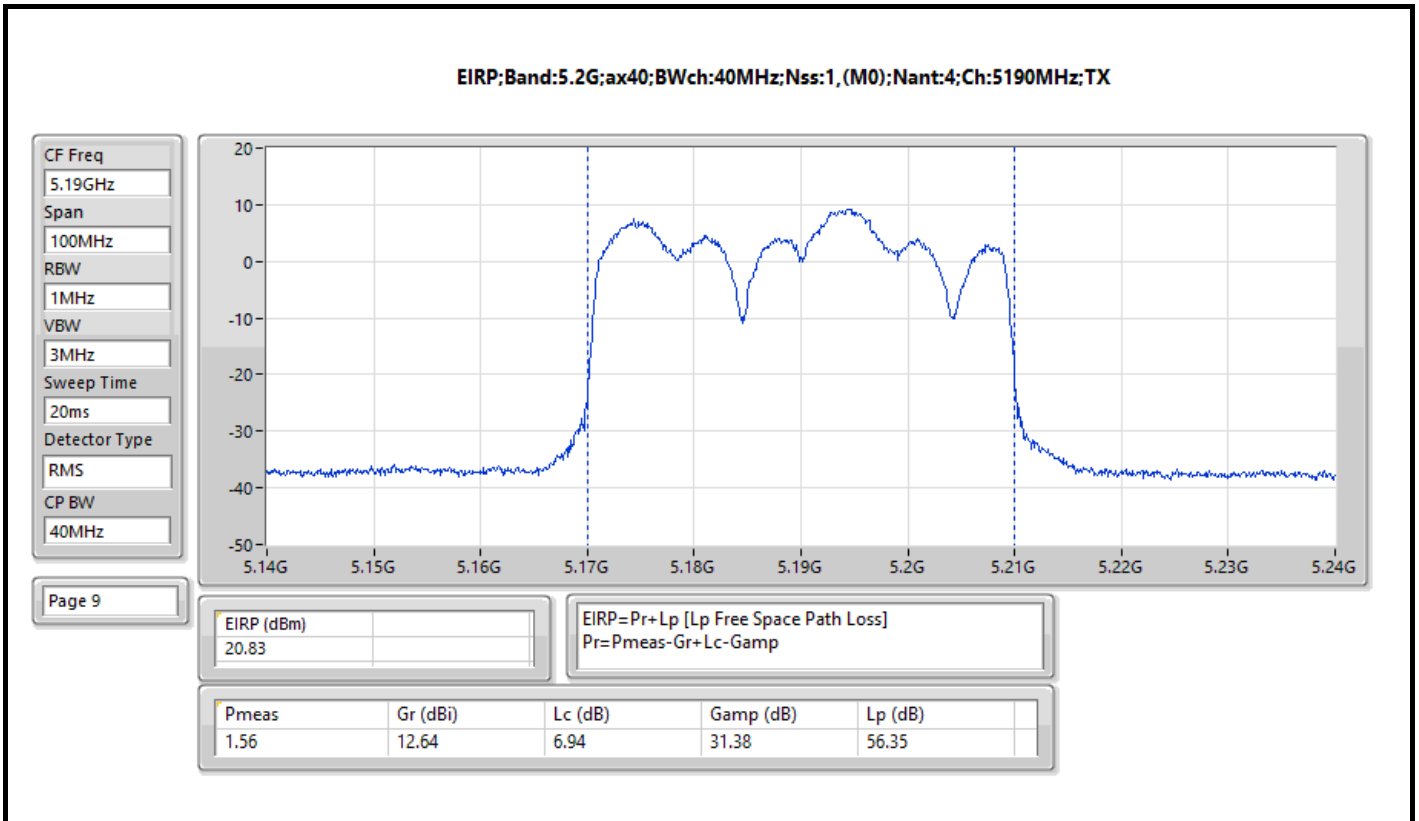


Average Power_E.I.R.P. at any elevation angle above 30 degrees Appendix C.2



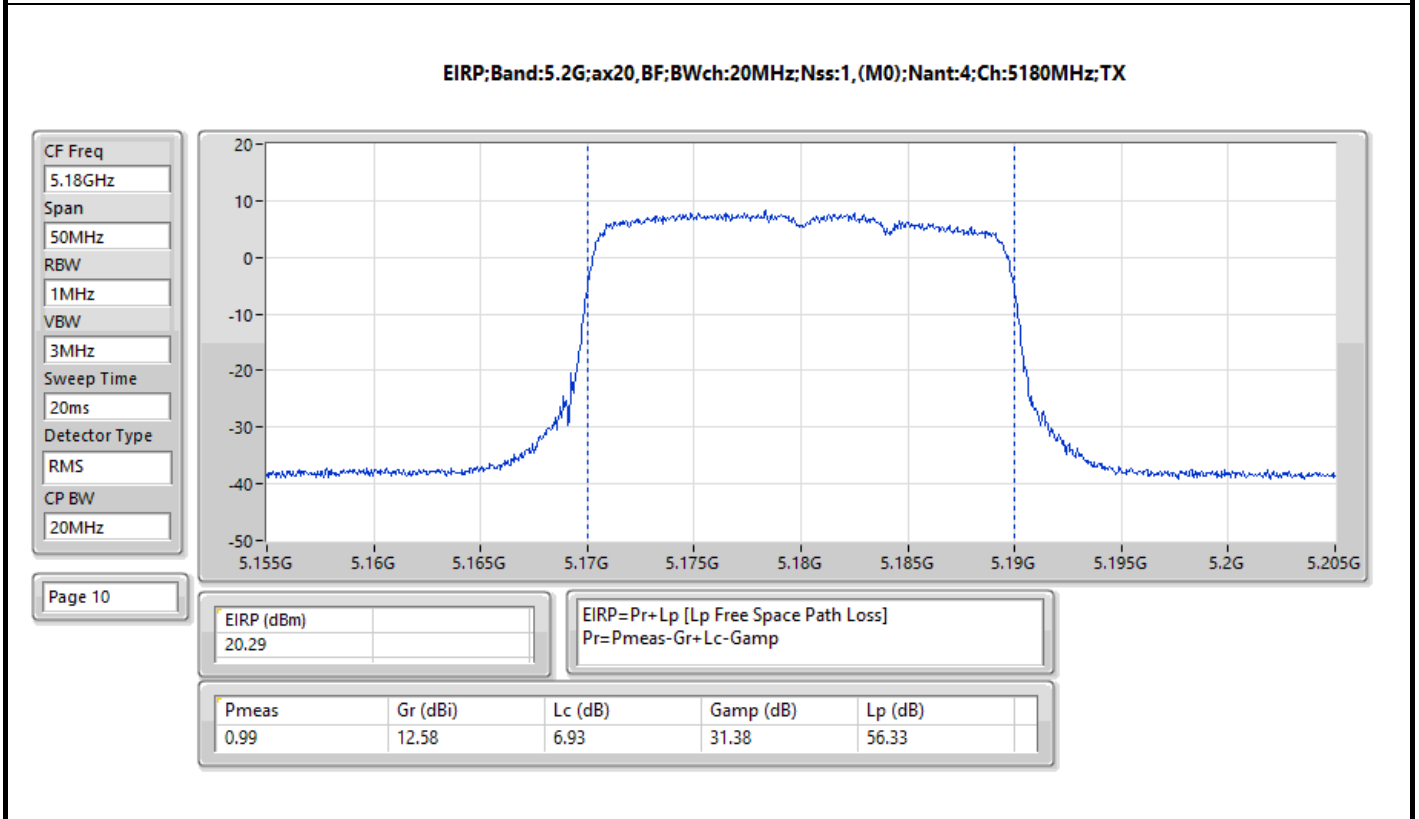
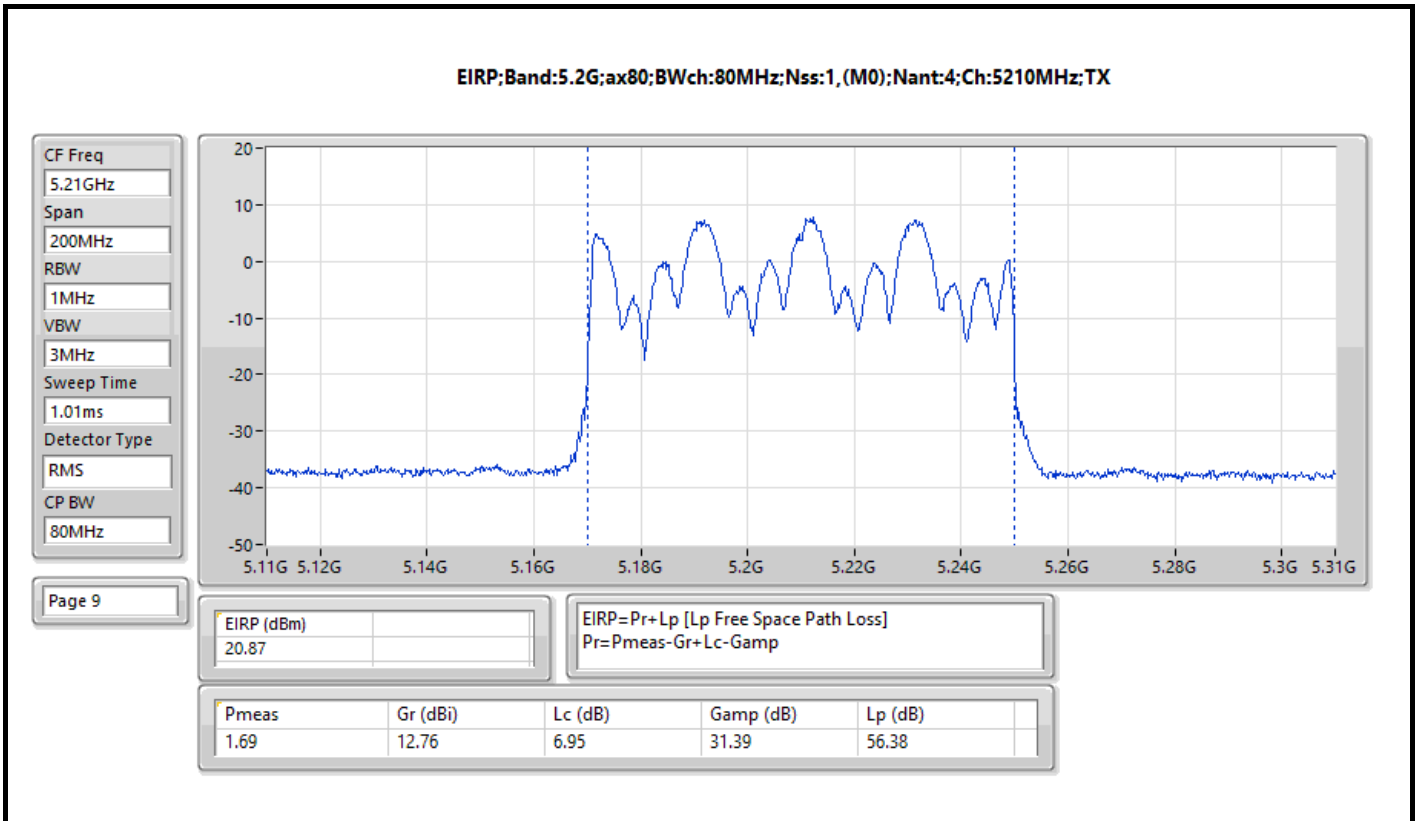


Average Power_E.I.R.P. at any elevation angle above 30 degrees Appendix C.2



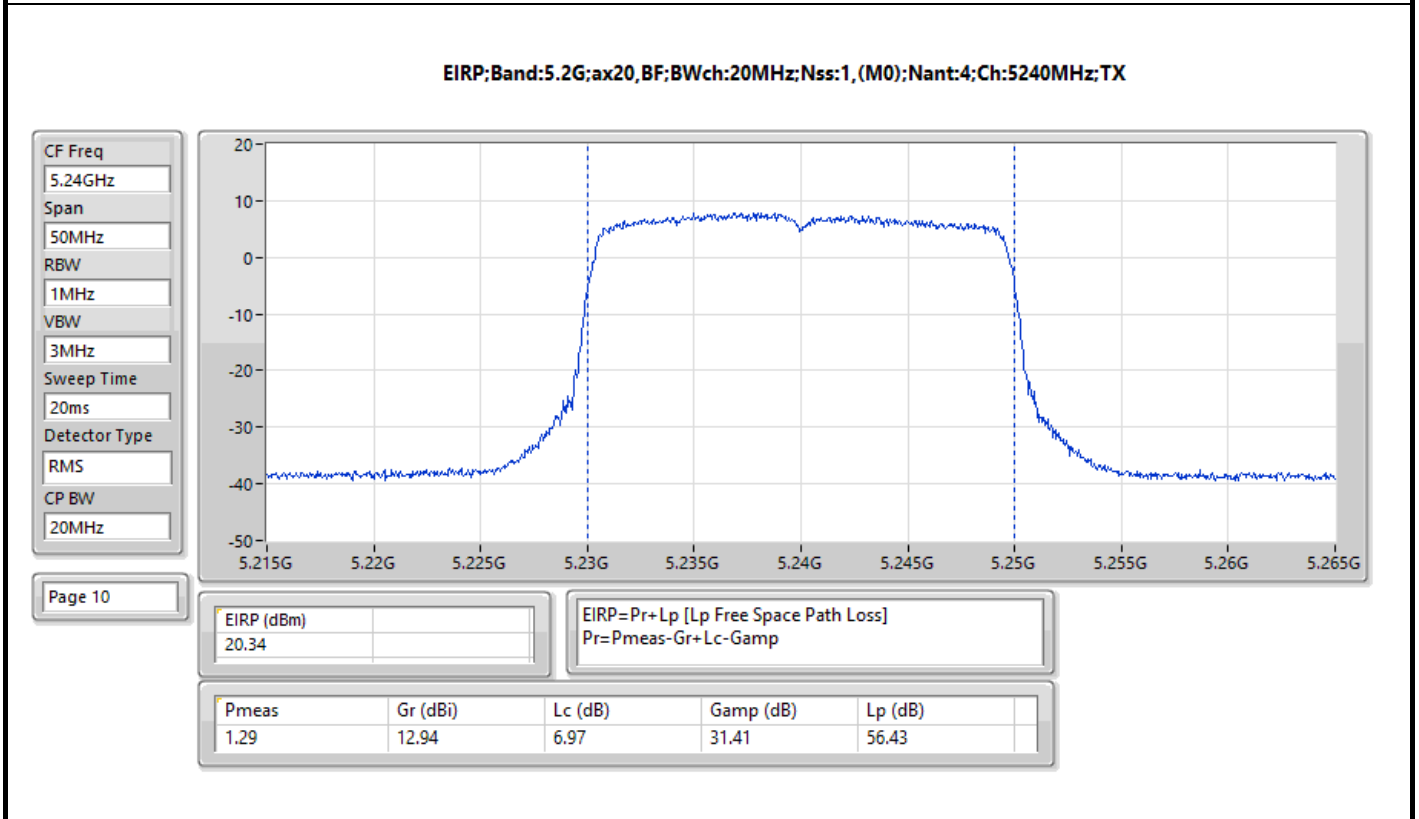
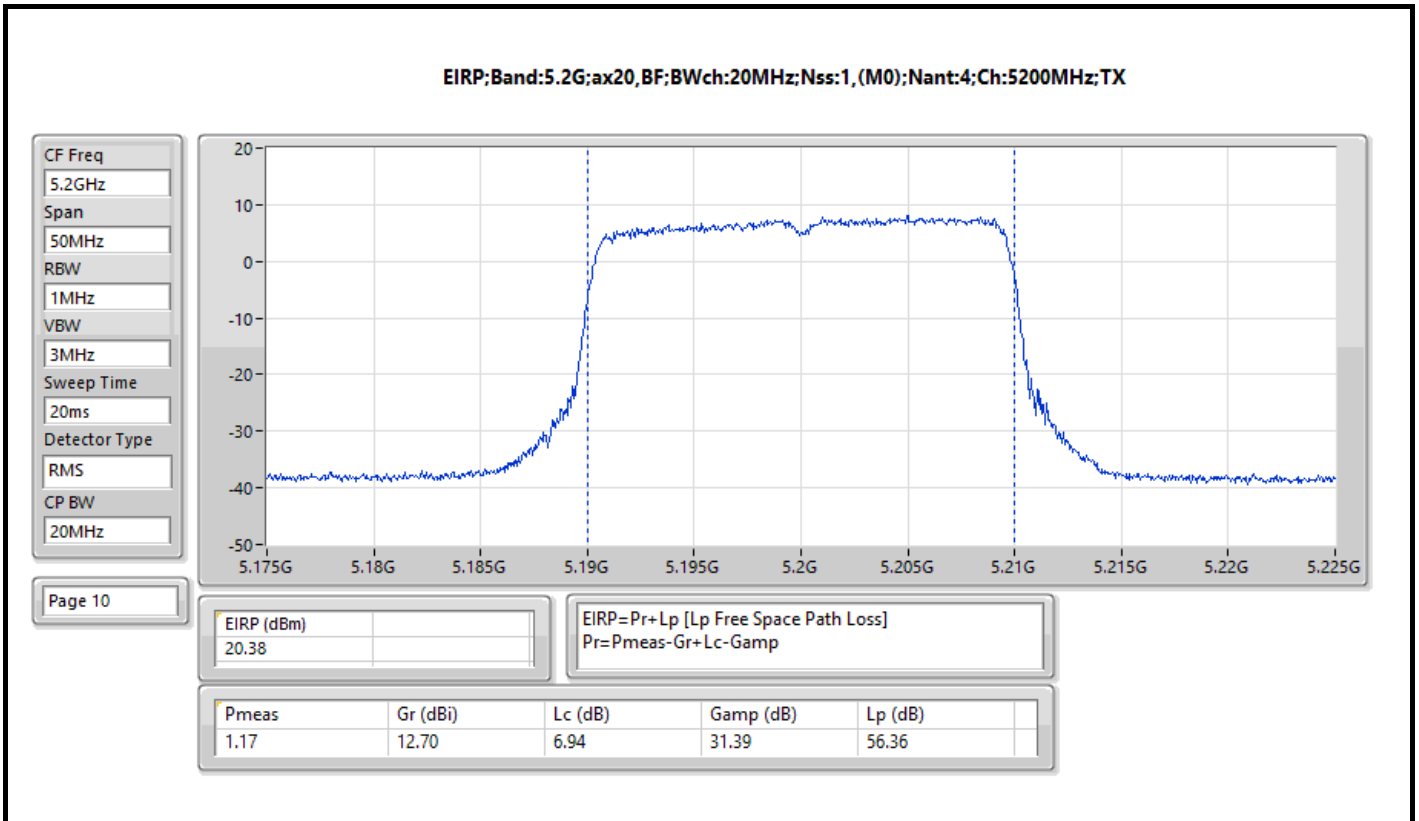


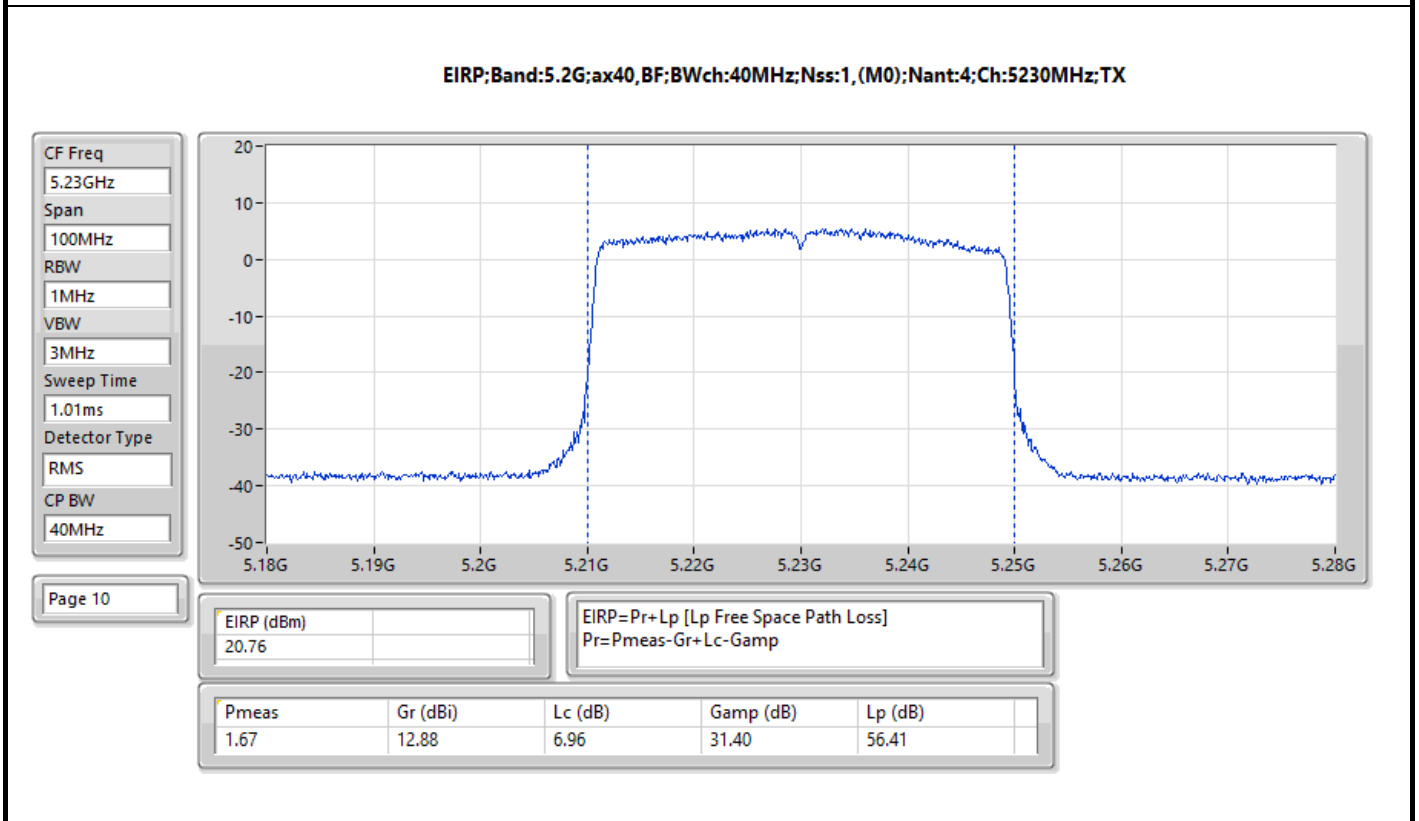
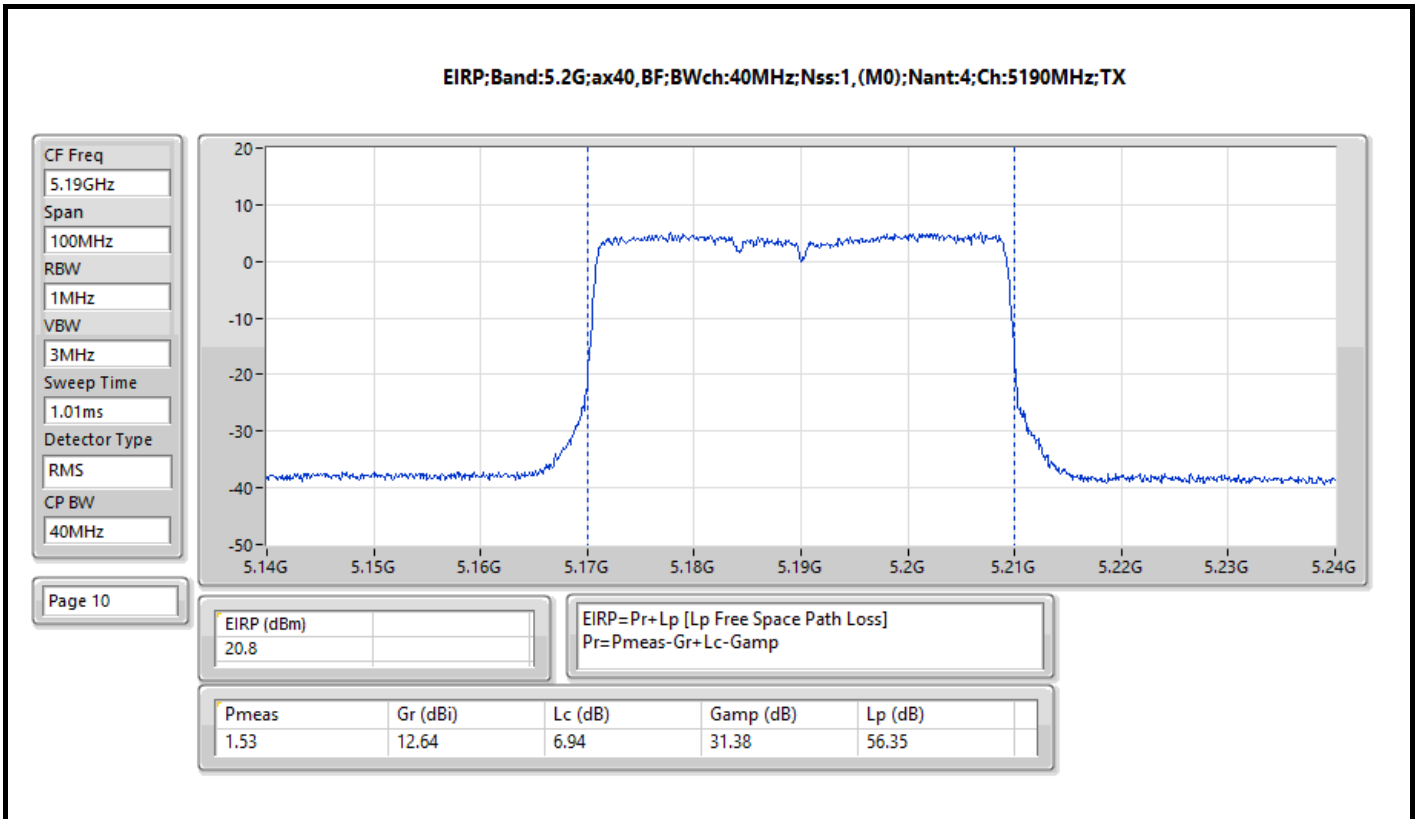
Average Power_E.I.R.P. at any elevation angle above 30 degrees Appendix C.2





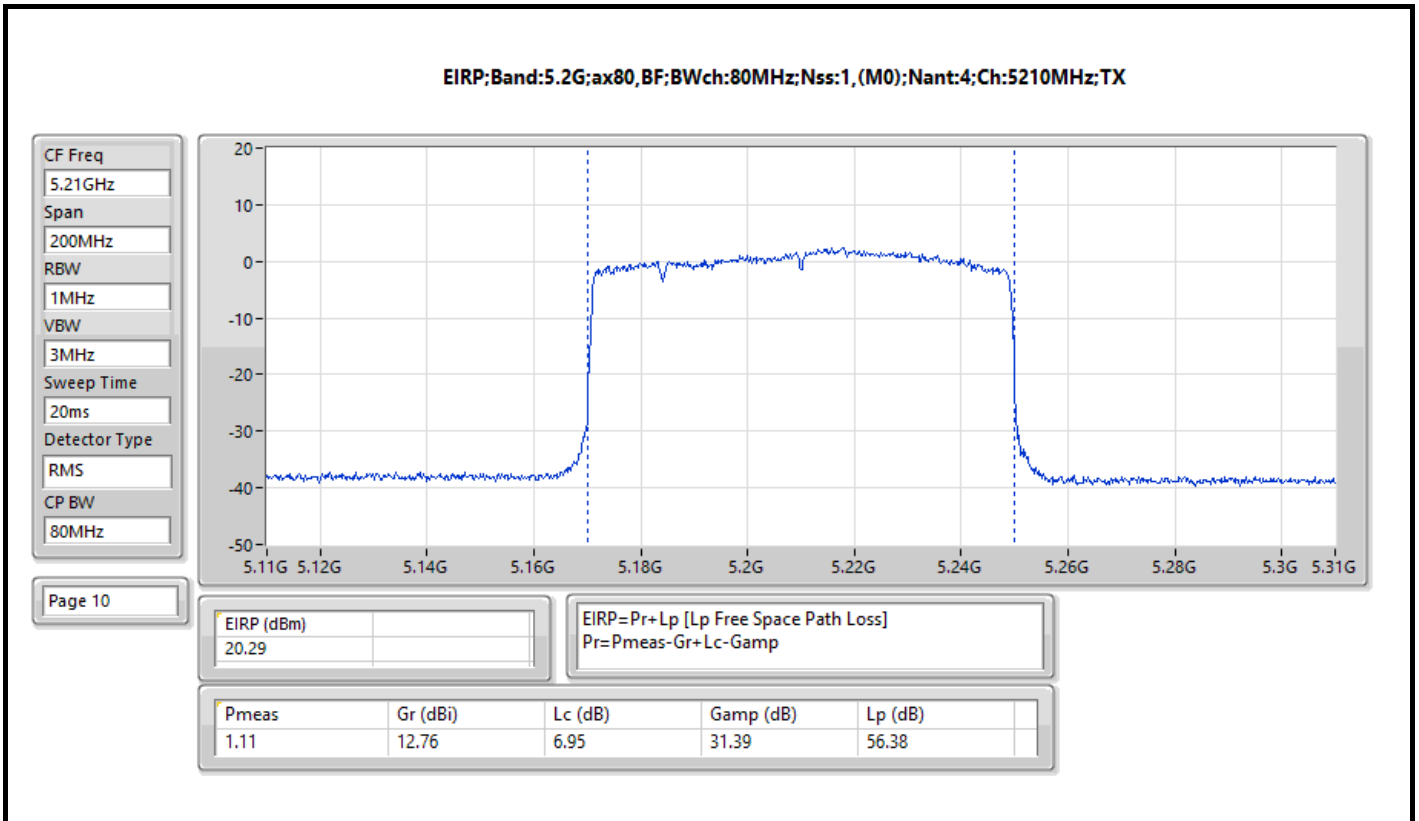
Average Power_E.I.R.P. at any elevation angle above 30 degrees Appendix C.2







Average Power_E.I.R.P. at any elevation angle above 30 degrees Appendix C.2



Summary

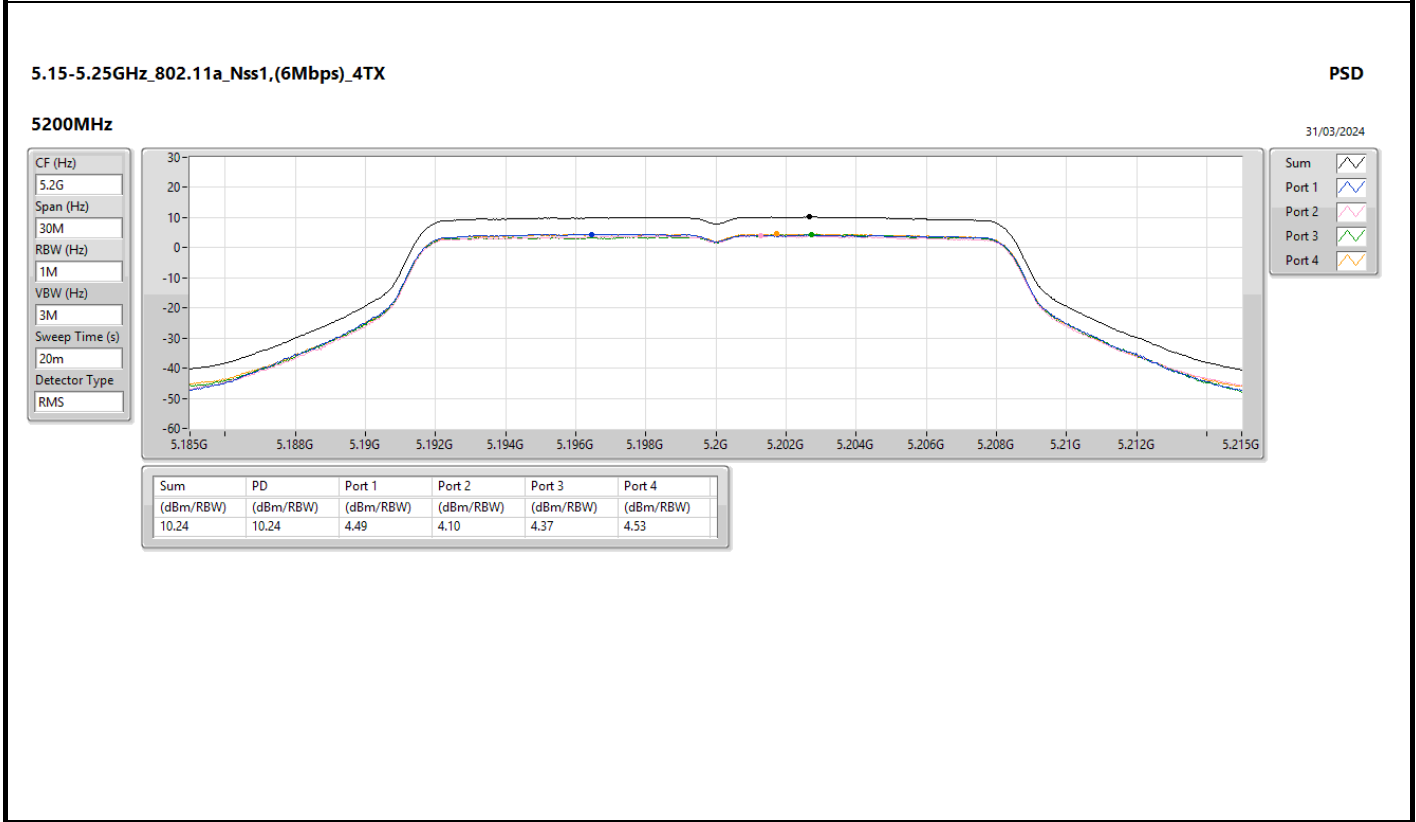
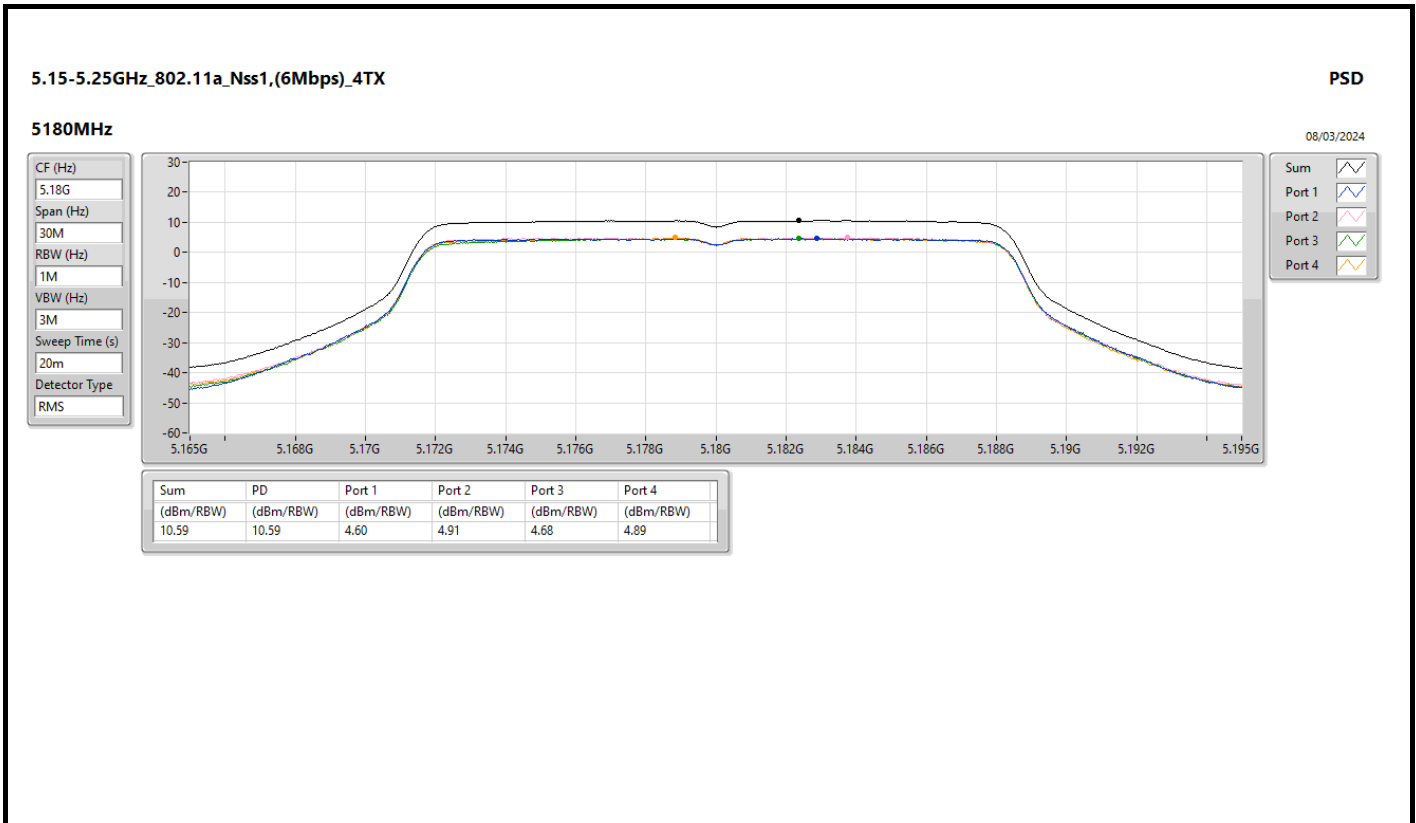
Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.59
802.11ax HEW20_Nss1,(MCS0)_4TX	10.55
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.87
802.11ax HEW40_Nss1,(MCS0)_4TX	7.96
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.55
802.11ax HEW80_Nss1,(MCS0)_4TX	4.60
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.33
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	12.04
802.11ax HEW20_Nss1,(MCS0)_4TX	11.91
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.75
802.11ax HEW40_Nss1,(MCS0)_4TX	9.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.72
802.11ax HEW80_Nss1,(MCS0)_4TX	5.66
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.89

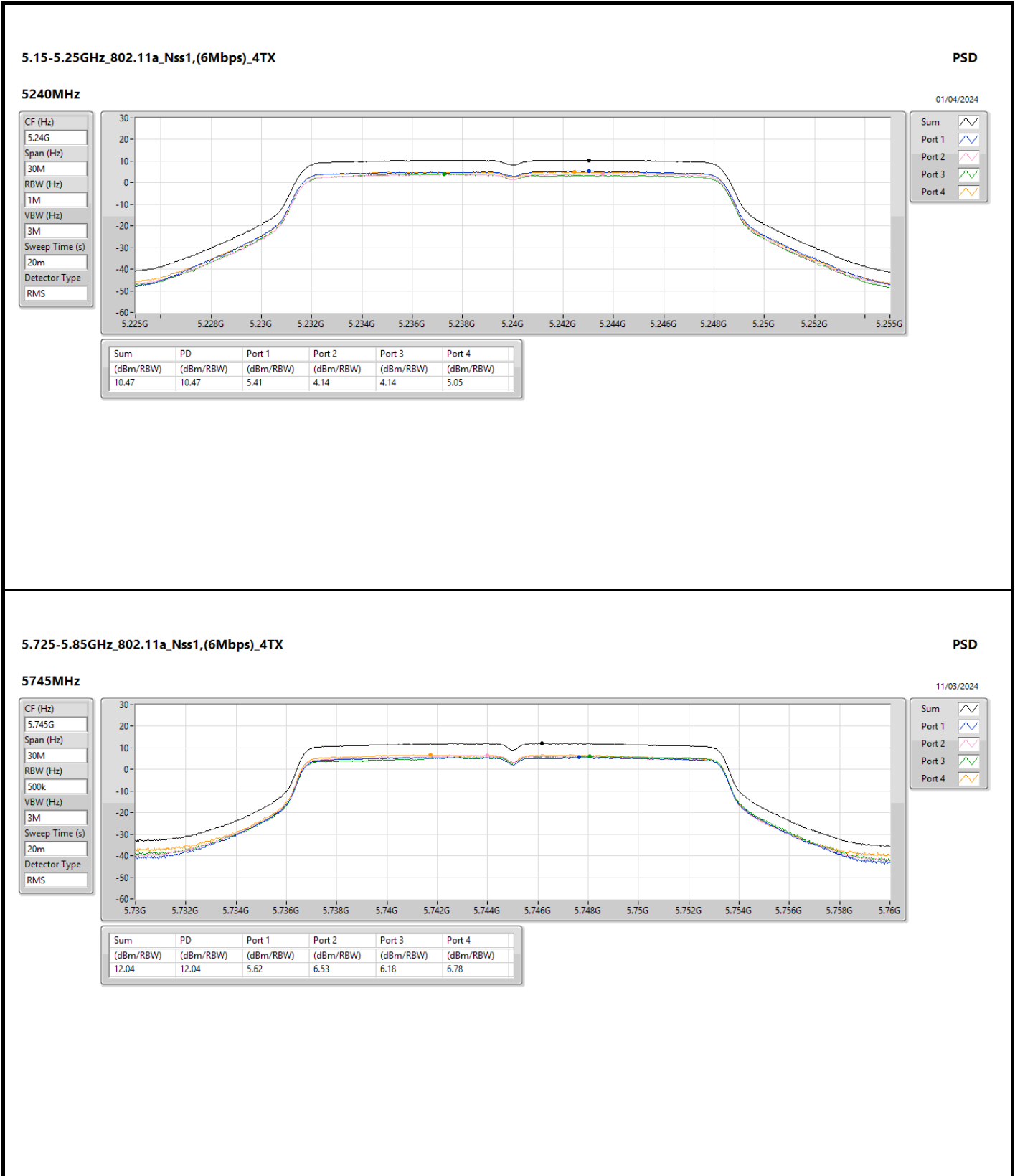
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

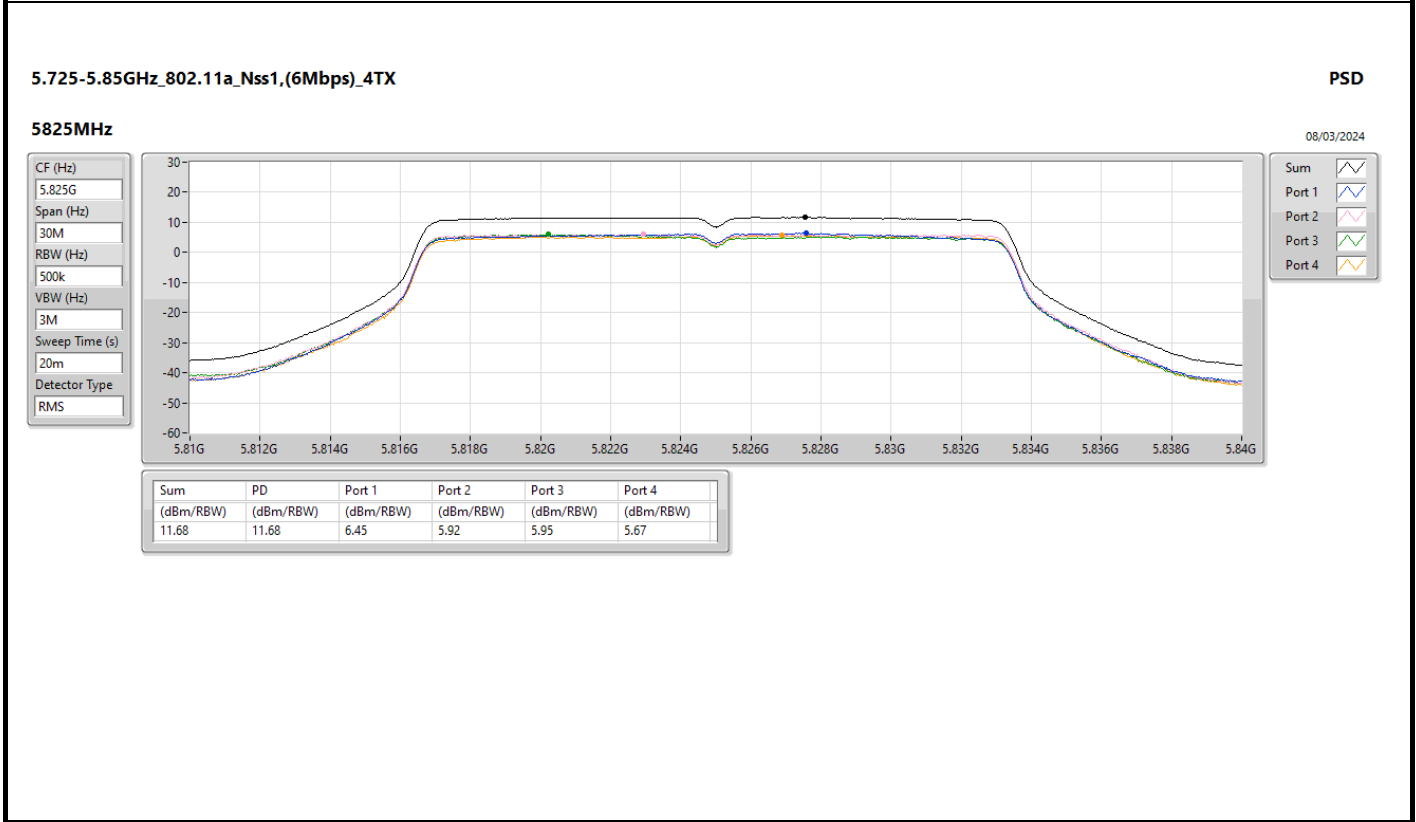
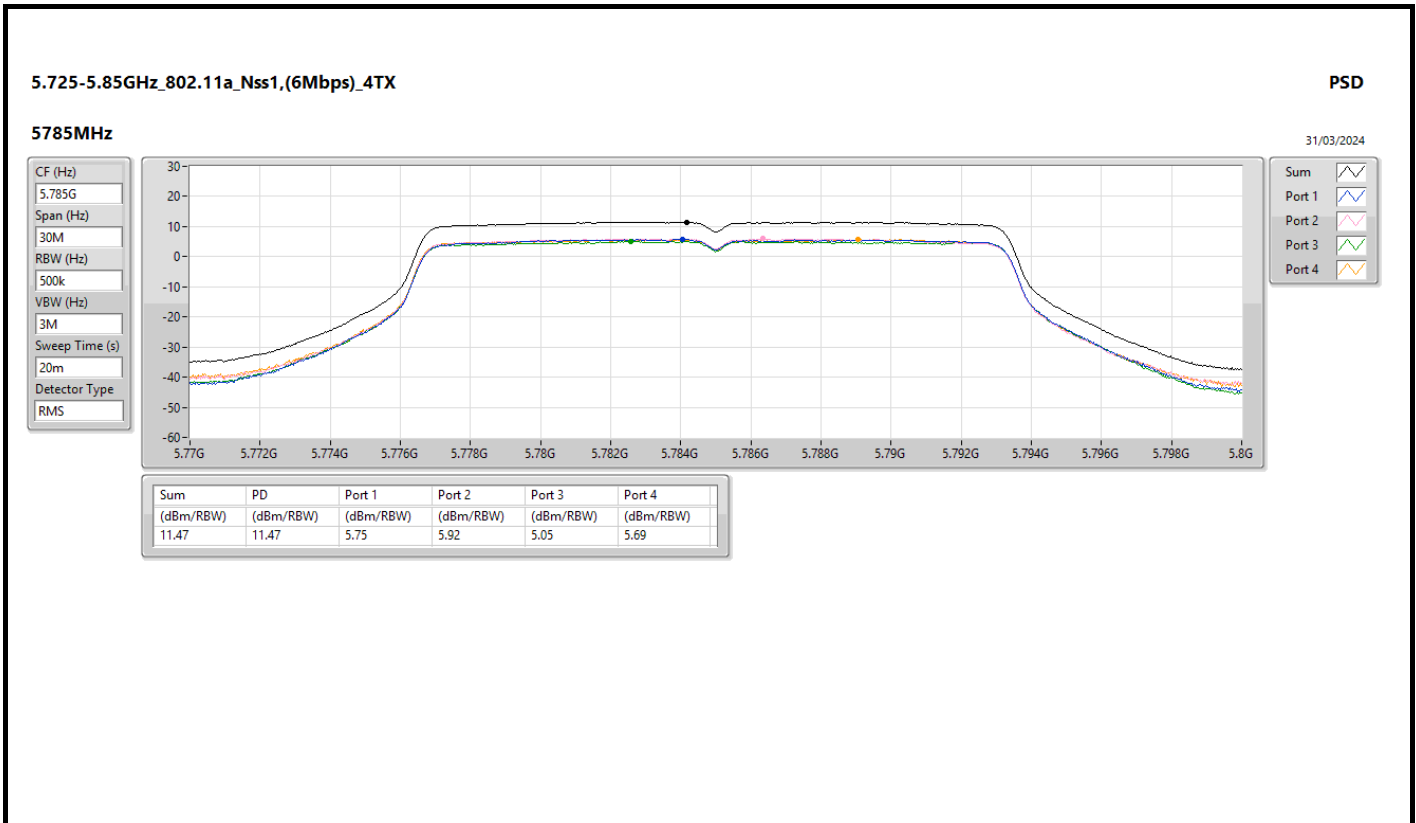
Result

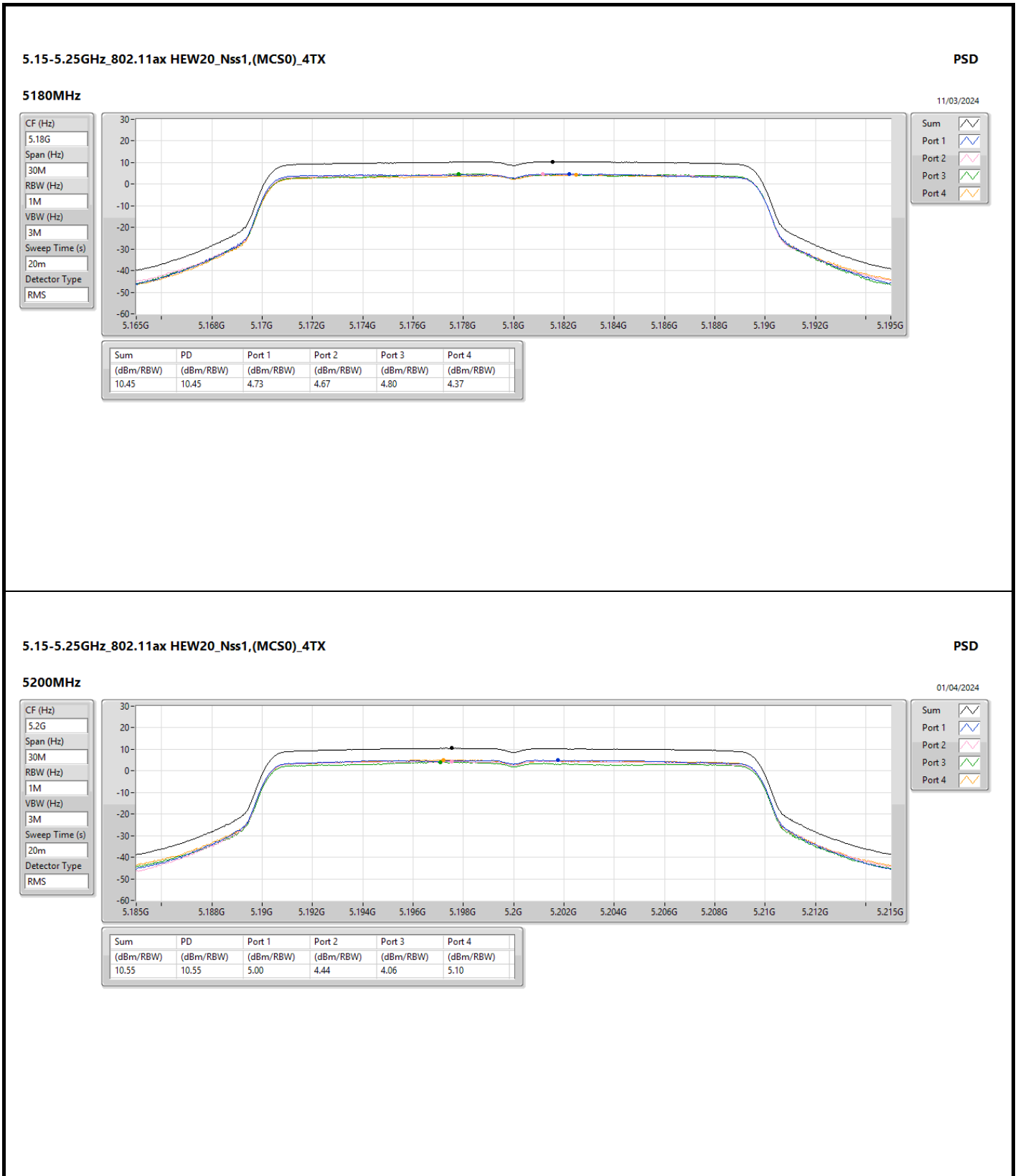
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.21	4.60	4.91	4.68	4.89	10.59	10.79
5200MHz	Pass	12.21	4.49	4.10	4.37	4.53	10.24	10.79
5240MHz	Pass	12.21	5.41	4.14	4.14	5.05	10.47	10.79
5745MHz	Pass	12.21	5.62	6.53	6.18	6.78	12.04	23.79
5785MHz	Pass	12.21	5.75	5.92	5.05	5.69	11.47	23.79
5825MHz	Pass	12.21	6.45	5.92	5.95	5.67	11.68	23.79
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.21	4.73	4.67	4.80	4.37	10.45	10.79
5200MHz	Pass	12.21	5.00	4.44	4.06	5.10	10.55	10.79
5240MHz	Pass	12.21	4.99	4.22	3.58	4.77	10.29	10.79
5745MHz	Pass	12.21	5.87	5.83	5.55	6.59	11.67	23.79
5785MHz	Pass	12.21	5.67	4.95	5.28	5.52	11.03	23.79
5825MHz	Pass	12.21	6.21	6.46	6.41	5.91	11.91	23.79
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.21	2.21	2.35	2.01	2.42	7.96	10.79
5230MHz	Pass	12.21	1.37	0.59	0.92	1.34	6.82	10.79
5755MHz	Pass	12.21	3.32	2.79	3.45	2.81	8.62	23.79
5795MHz	Pass	12.21	3.39	3.38	3.37	2.94	9.00	23.79
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.21	-0.93	-1.50	-1.16	-1.23	4.60	10.79
5775MHz	Pass	12.21	-0.01	0.23	0.07	-0.34	5.66	23.79
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	12.21	-0.14	-0.28	0.03	-0.24	5.69	10.79
5200MHz	Pass	12.21	2.12	0.39	1.14	1.59	6.27	10.79
5240MHz	Pass	12.21	2.26	0.22	0.38	1.68	6.87	10.79
5745MHz	Pass	12.21	2.99	6.66	2.33	2.76	9.75	23.79
5785MHz	Pass	12.21	3.01	2.60	2.51	3.40	8.54	23.79
5825MHz	Pass	12.21	2.42	1.73	2.12	0.76	7.49	23.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	12.21	-2.87	-3.29	-2.92	-2.88	2.82	10.79
5230MHz	Pass	12.21	-1.53	-2.48	-2.80	-1.82	3.55	10.79
5755MHz	Pass	12.21	0.21	0.05	0.04	-1.04	5.72	23.79
5795MHz	Pass	12.21	0.11	-1.13	0.17	-1.72	5.26	23.79
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	12.21	-5.28	-5.80	-5.36	-5.50	0.33	10.79
5775MHz	Pass	12.21	-2.76	-2.43	-3.04	-3.56	2.89	23.79

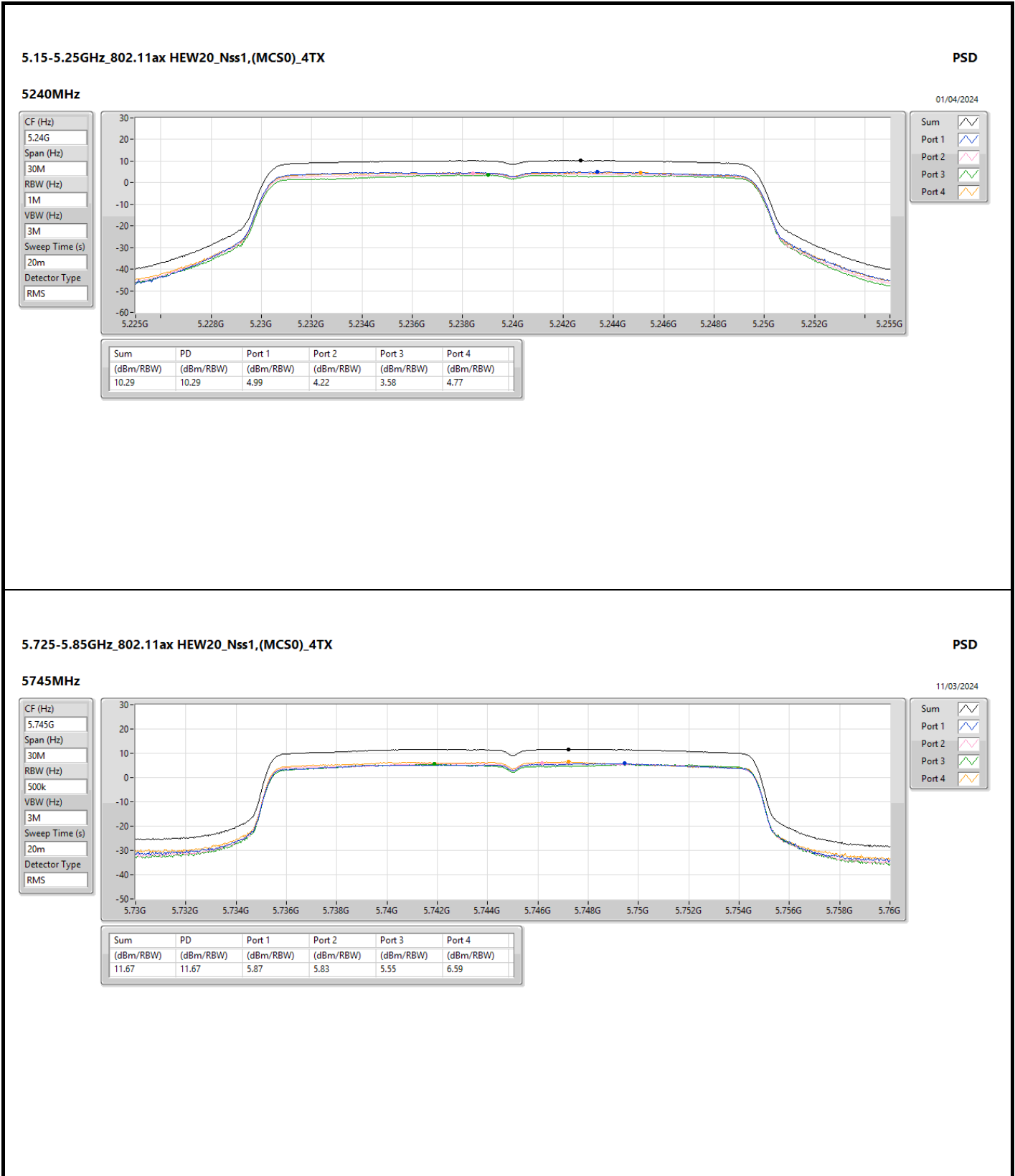
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

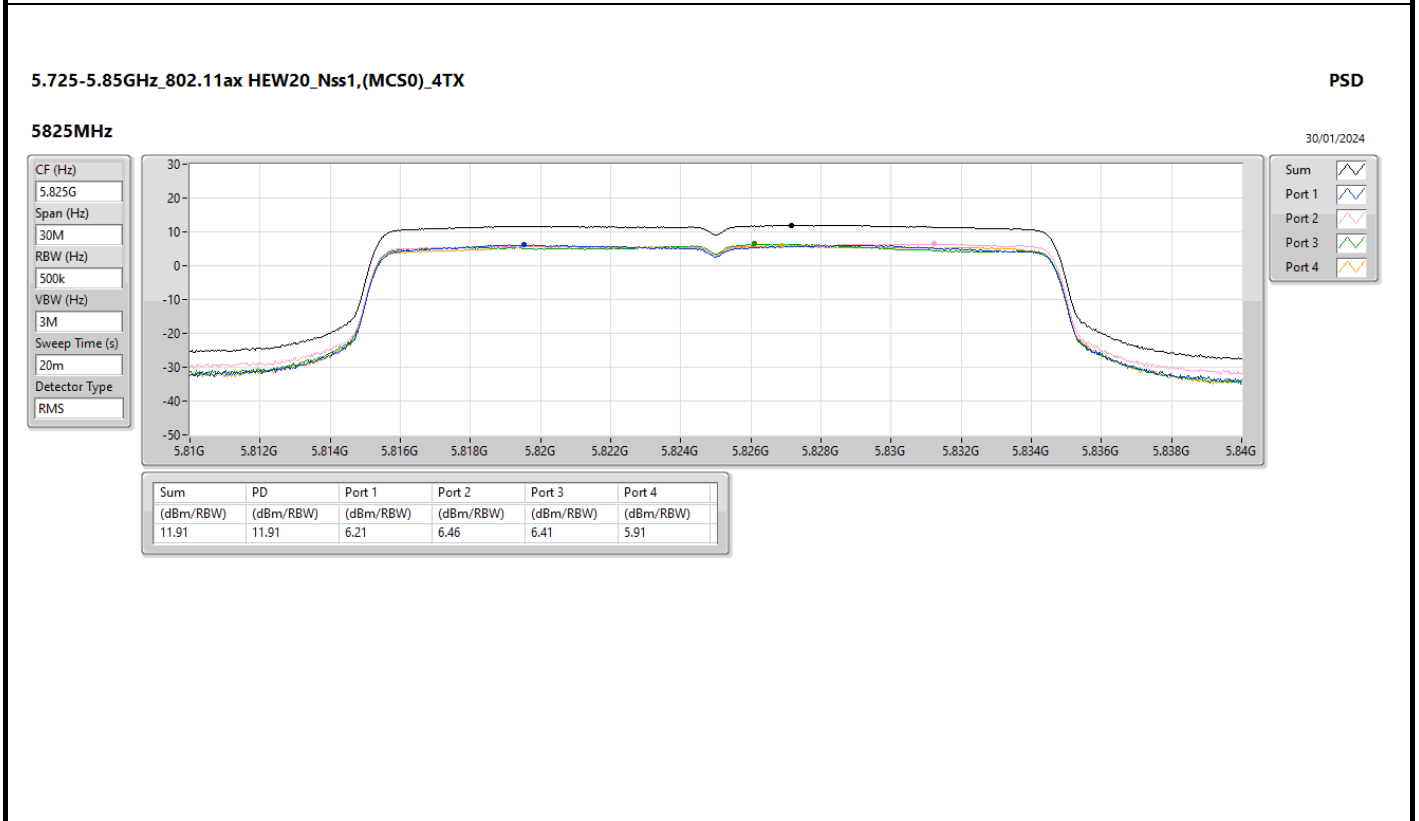
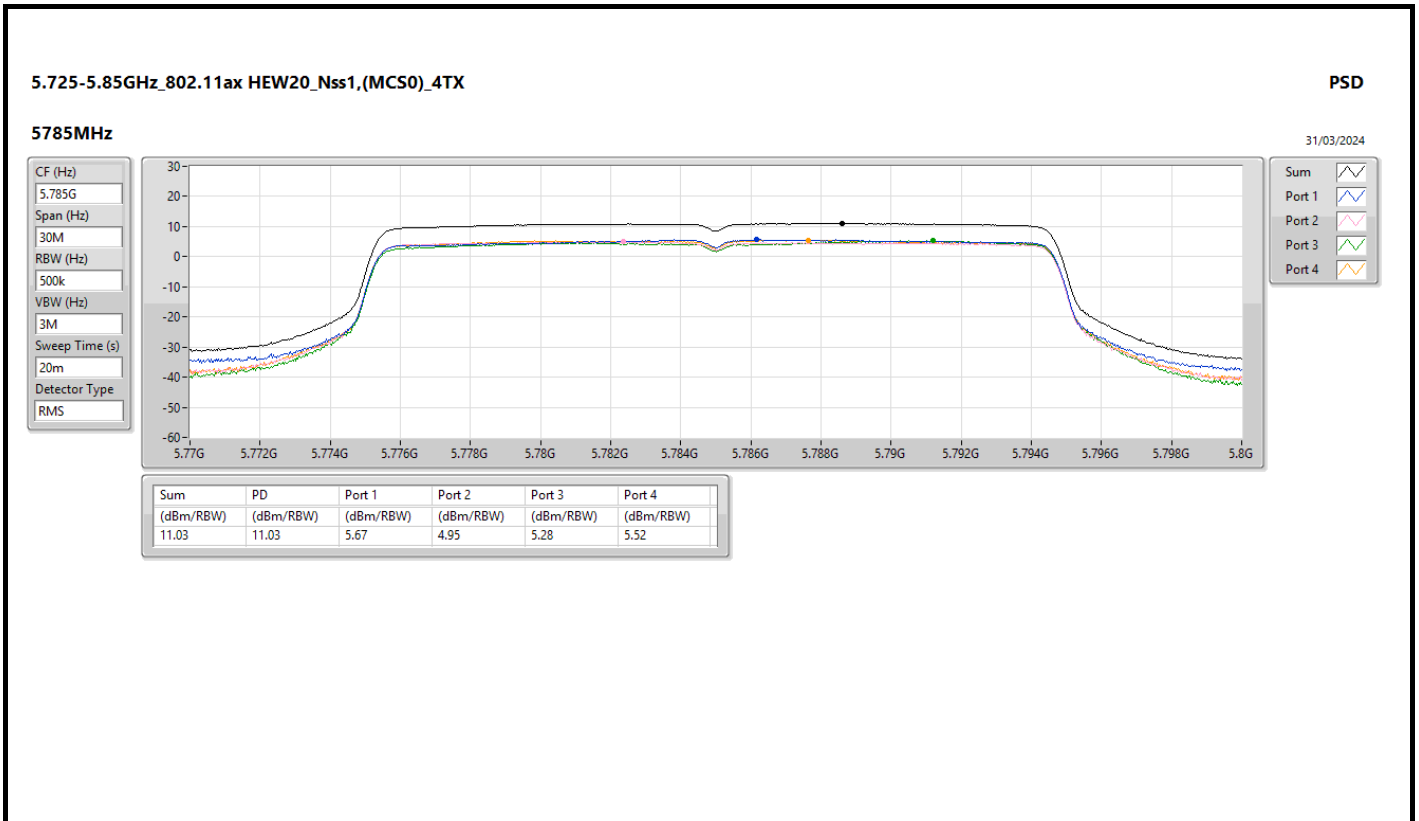


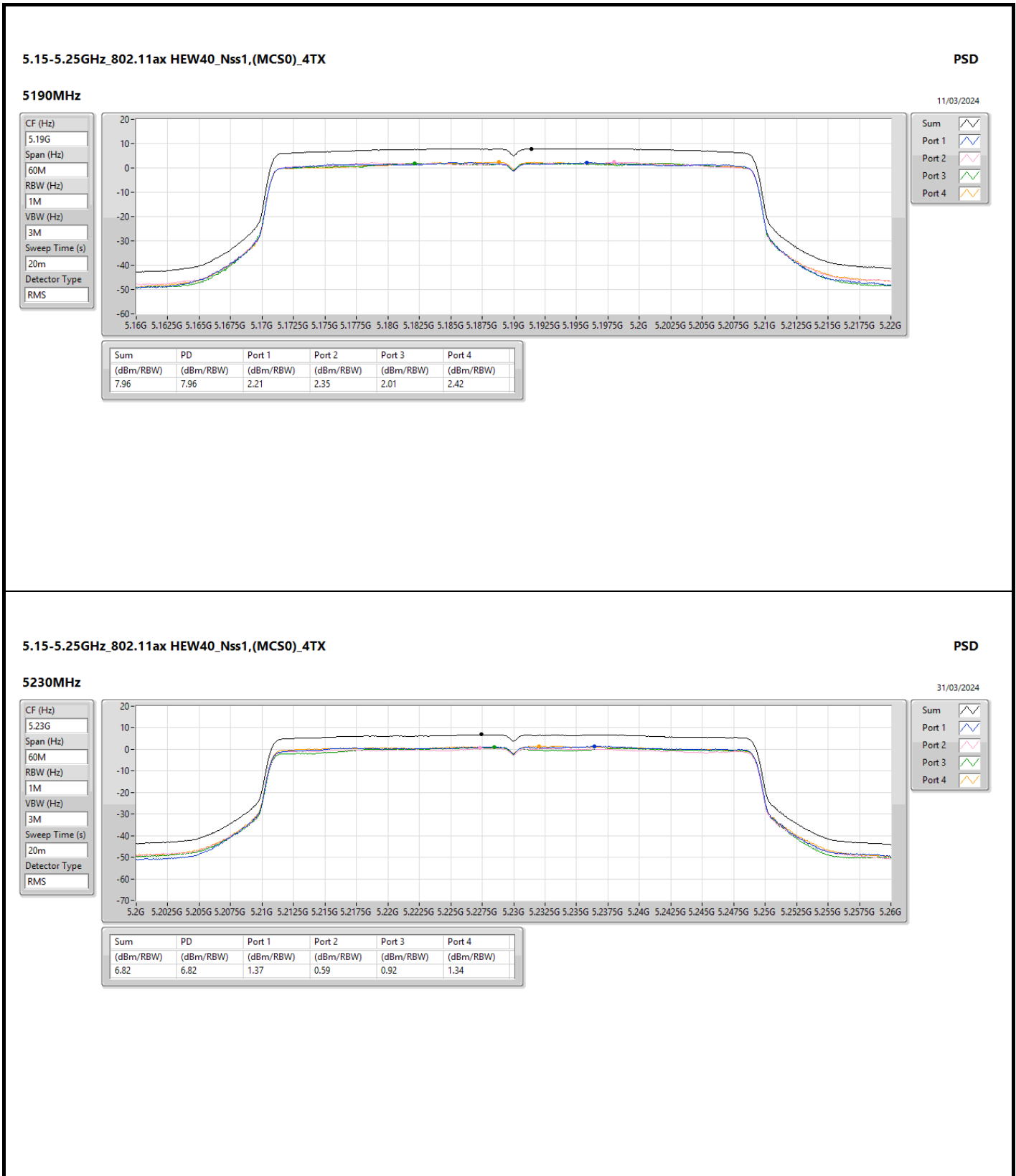


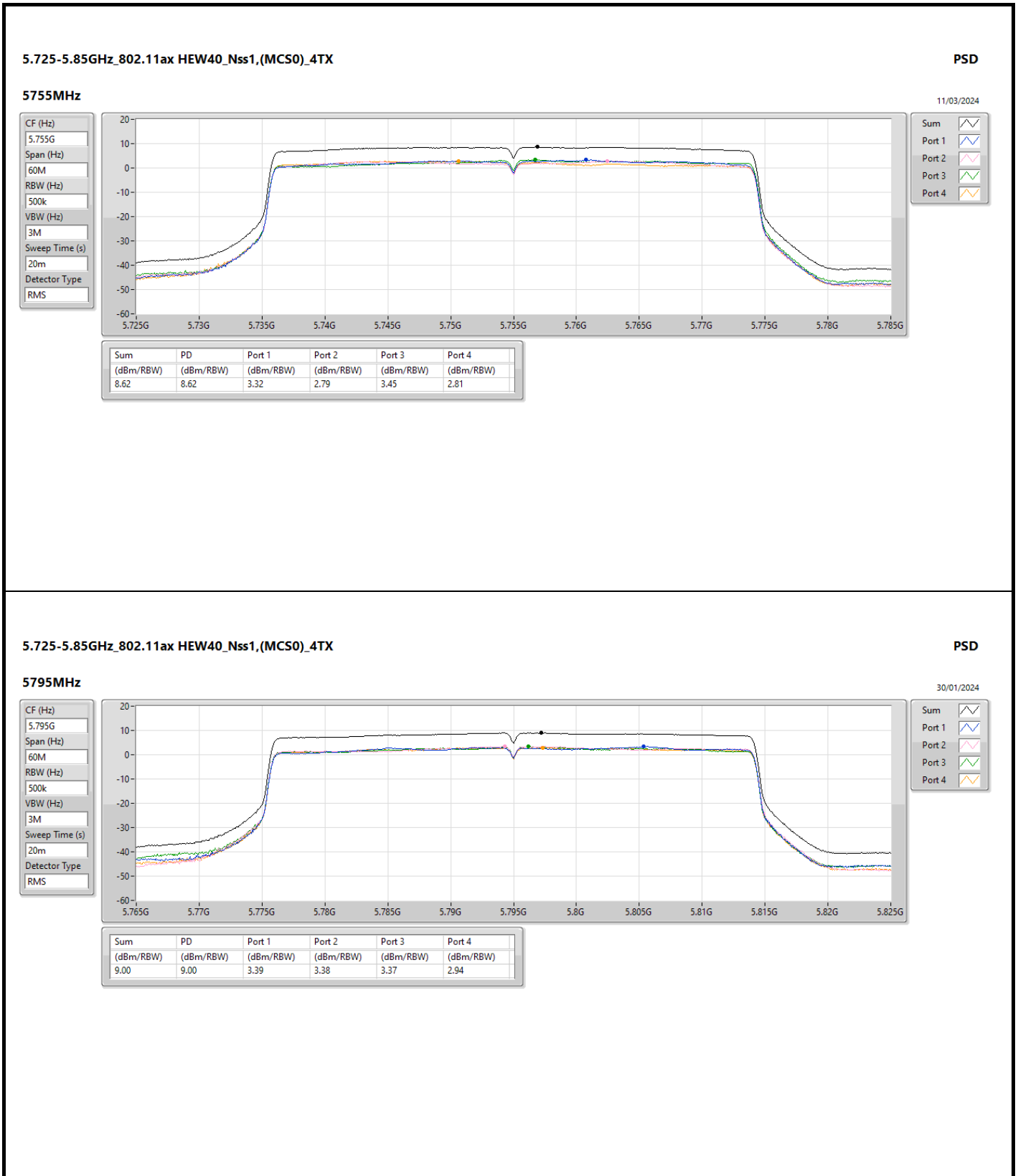


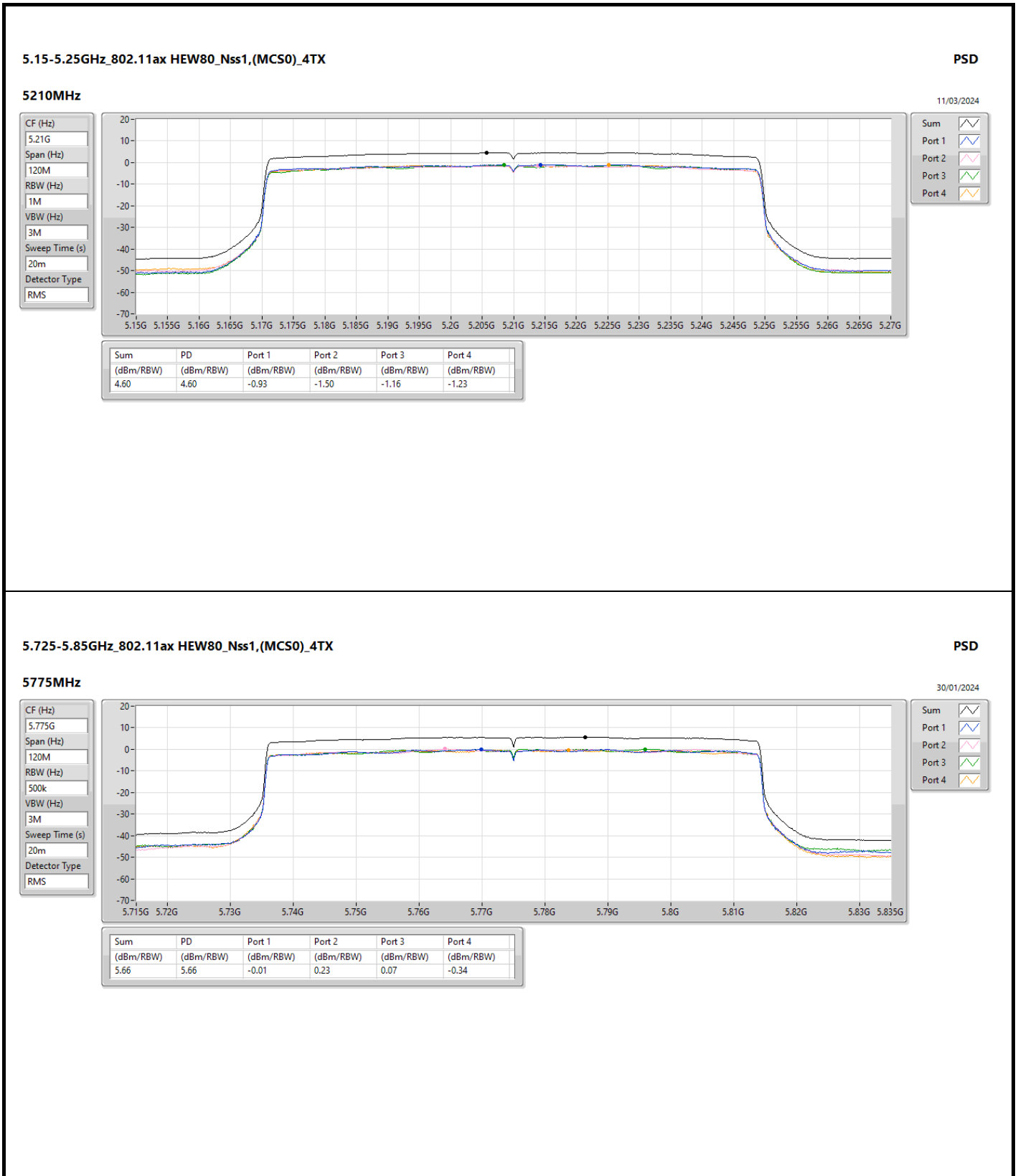


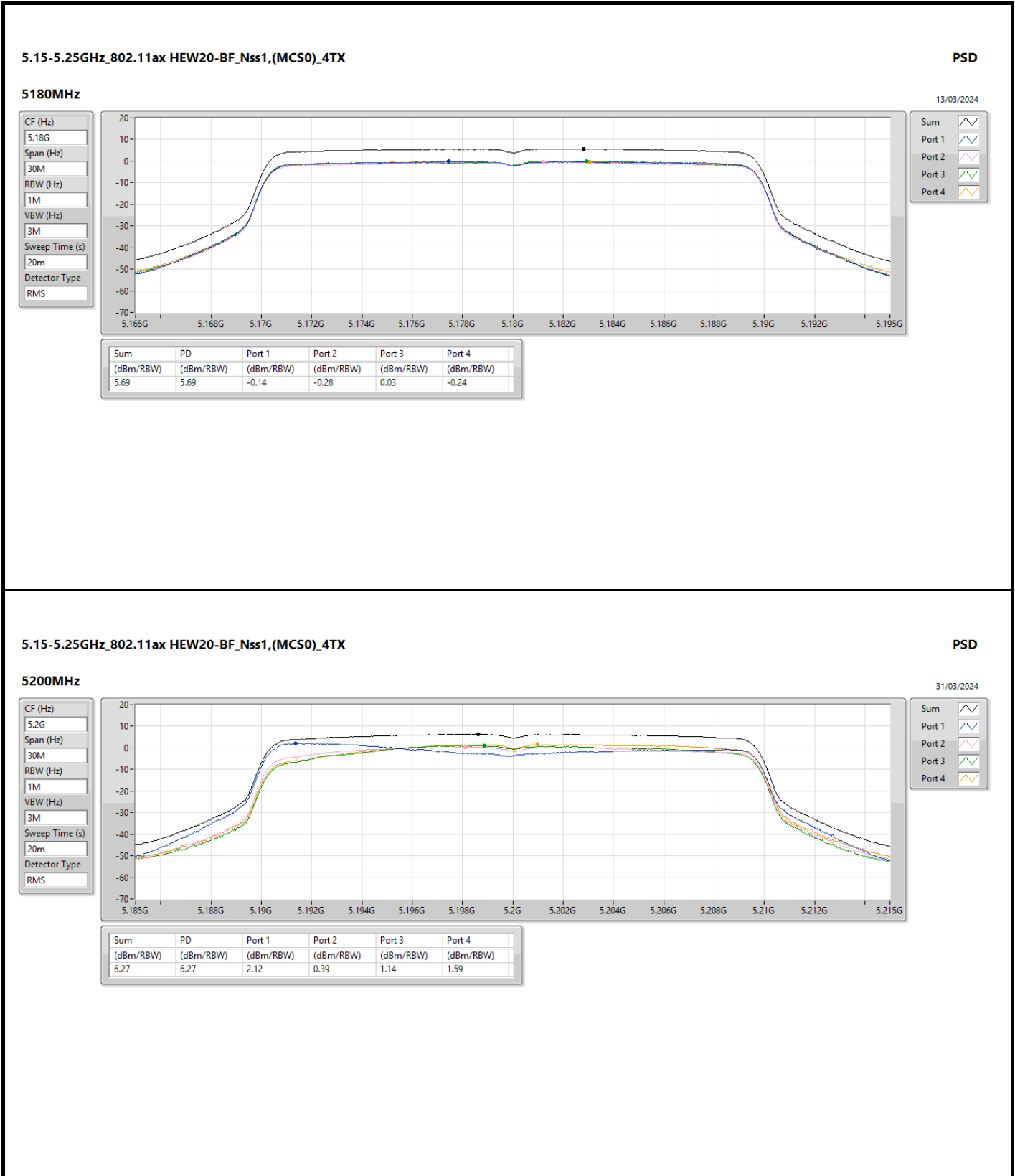


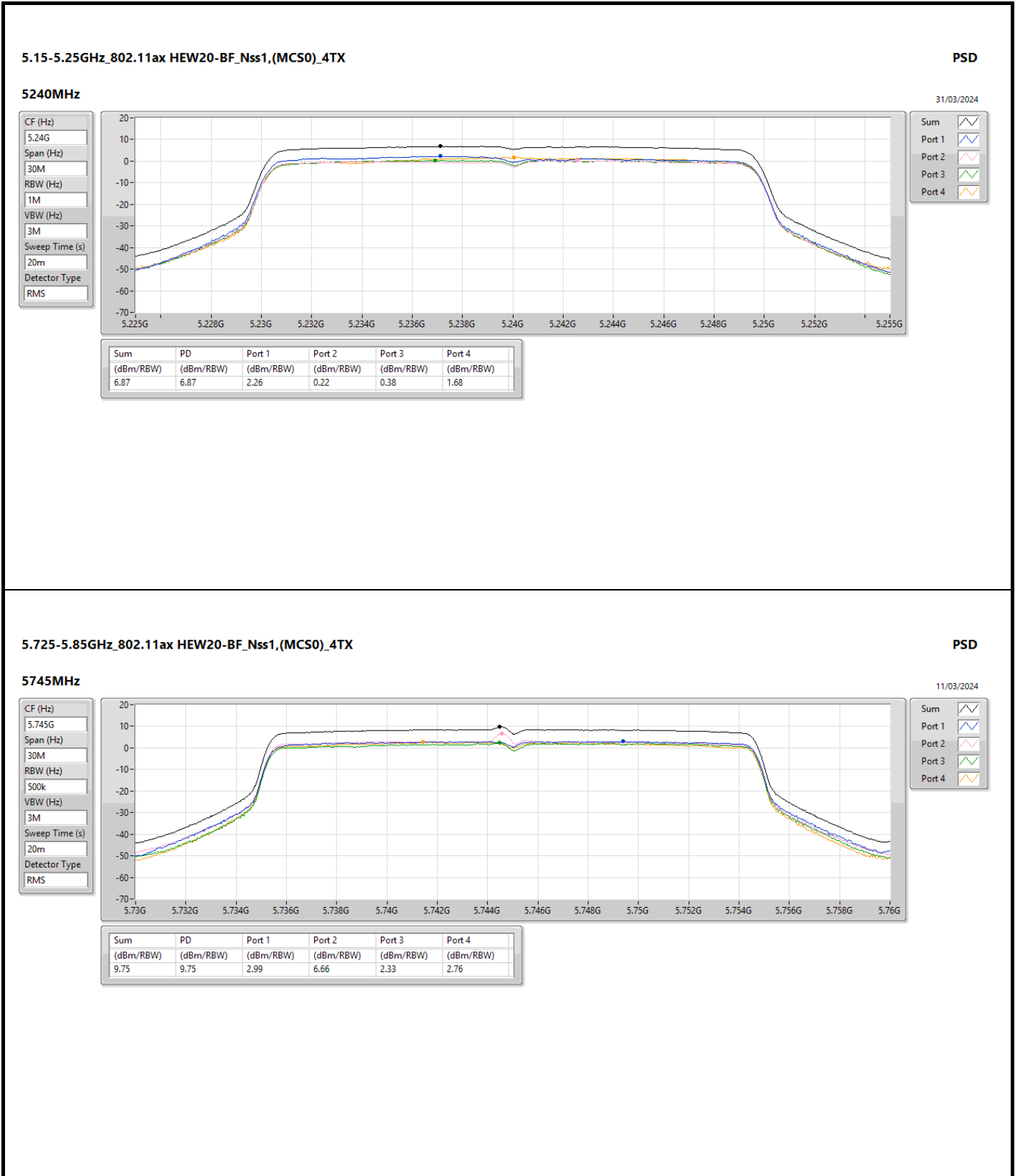


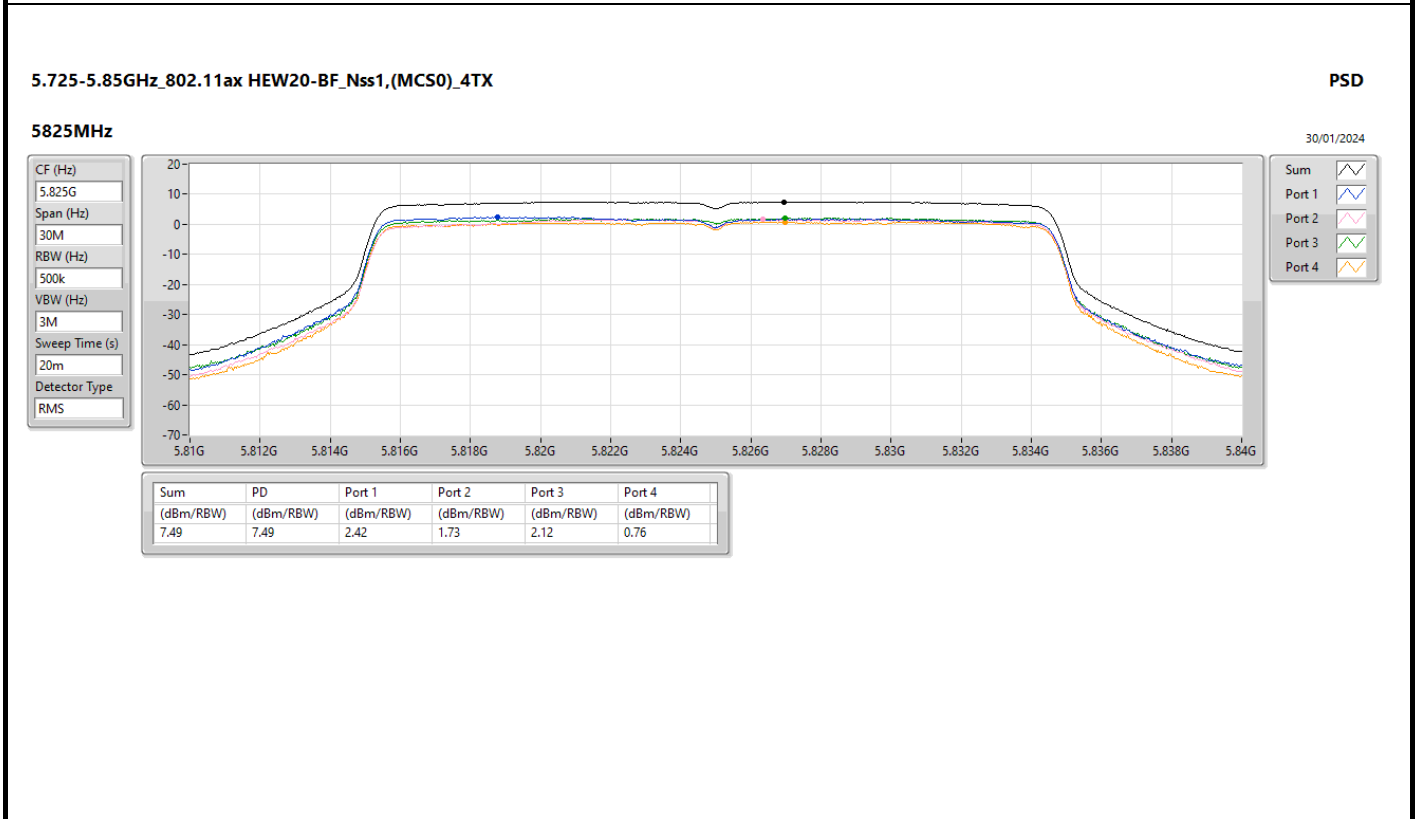
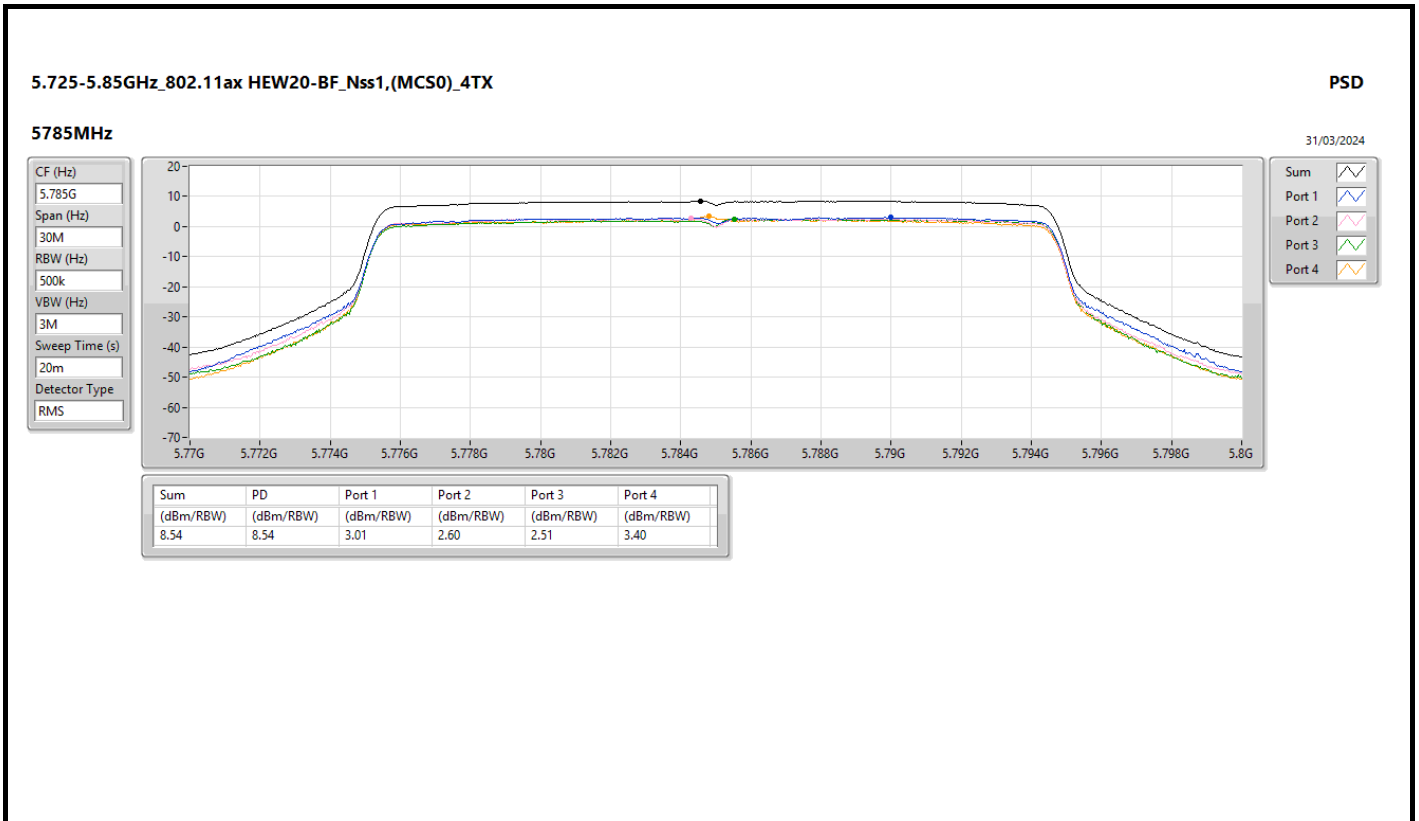


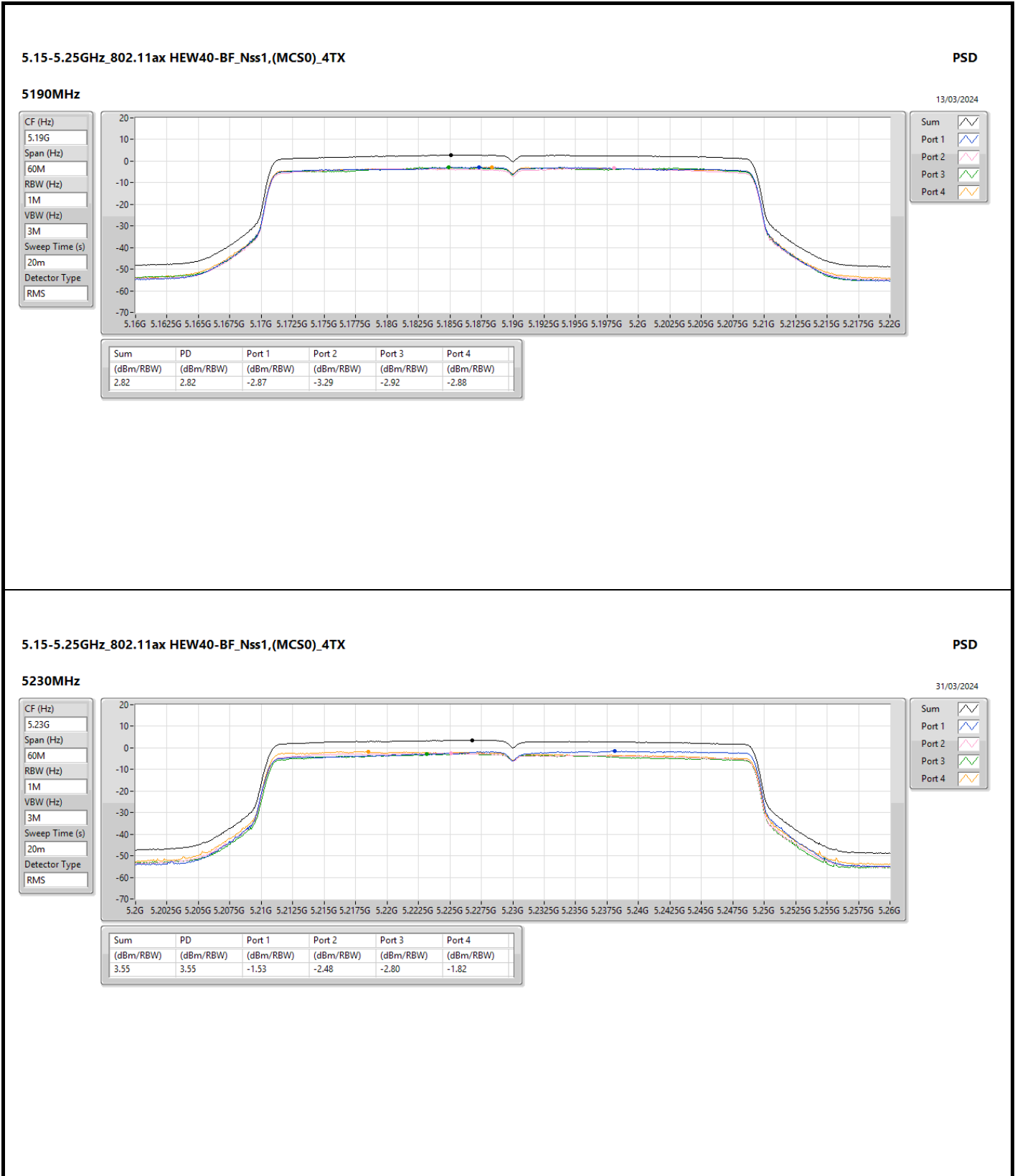


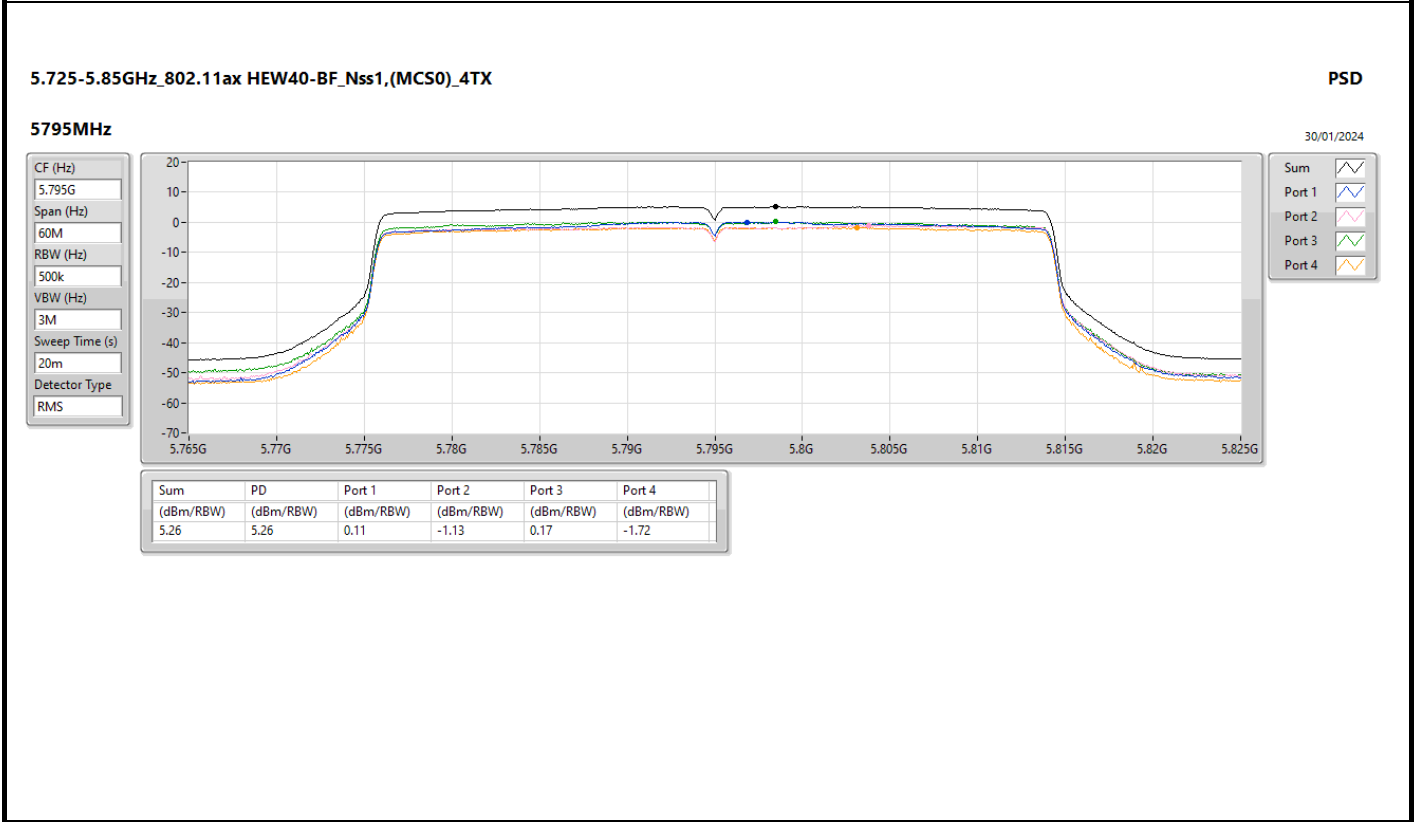
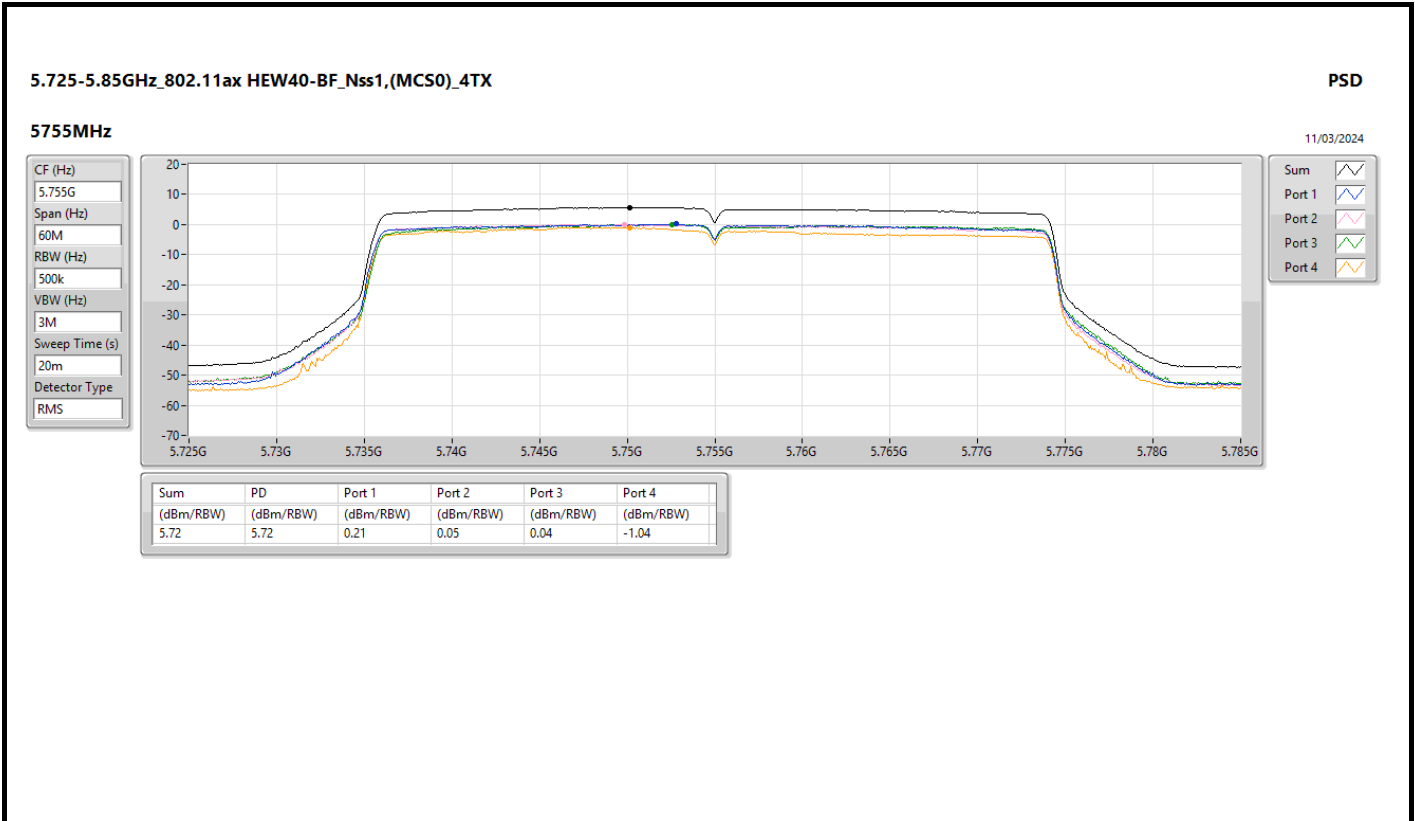


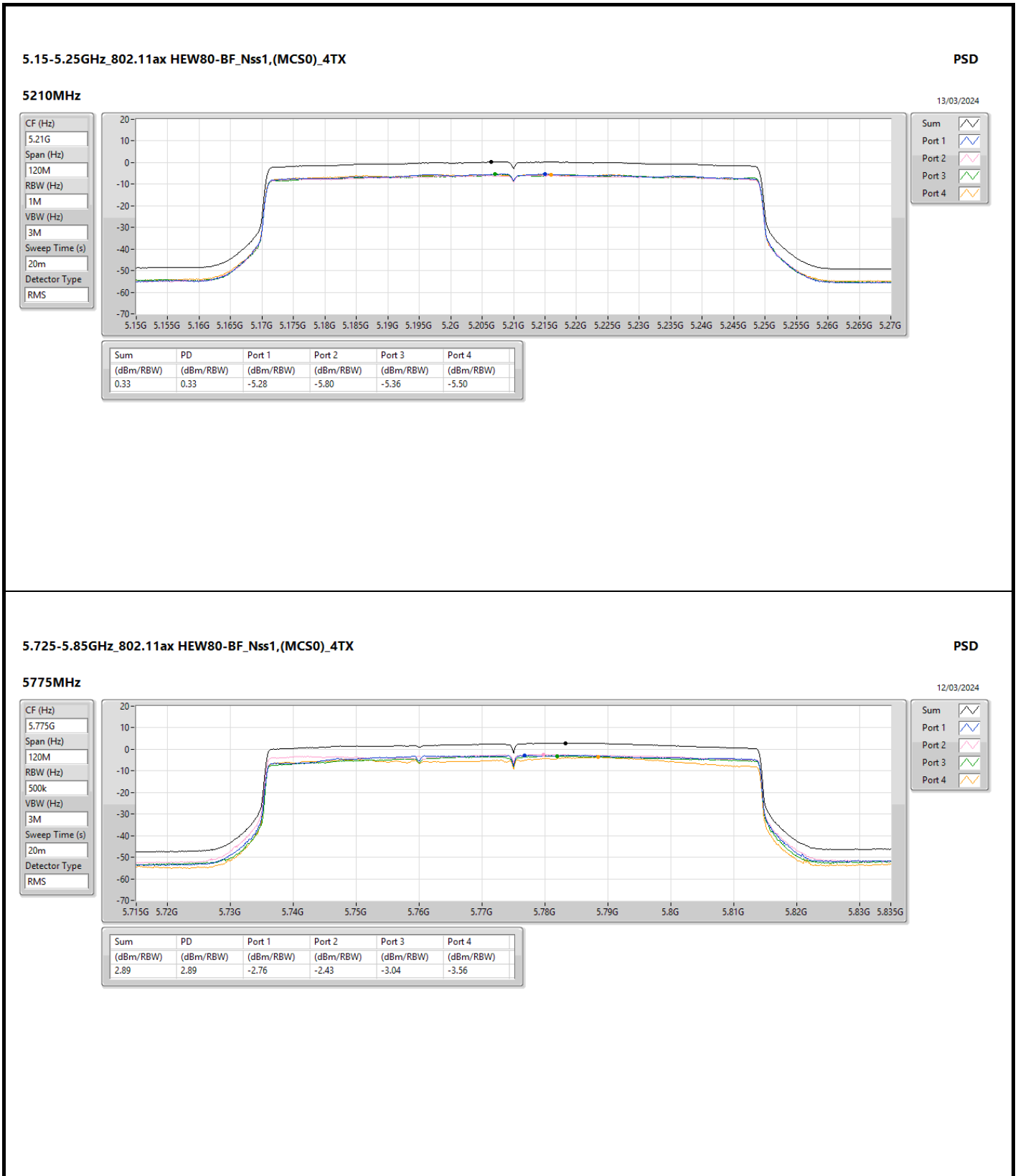










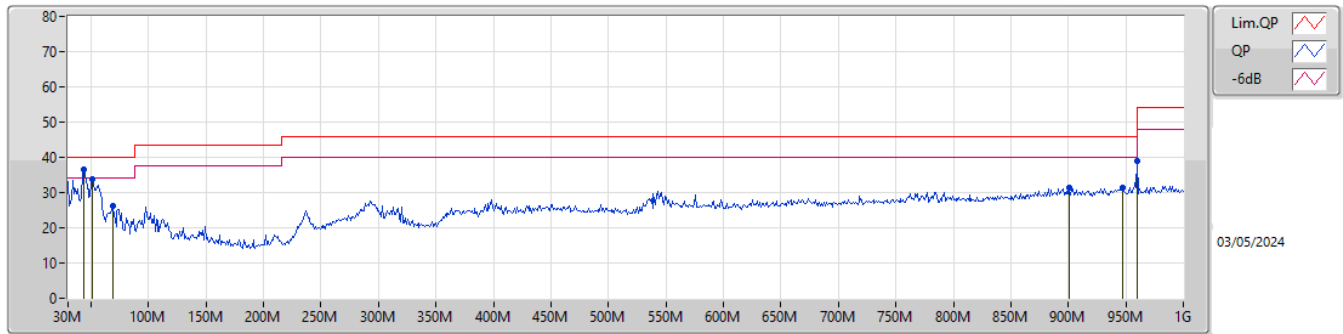




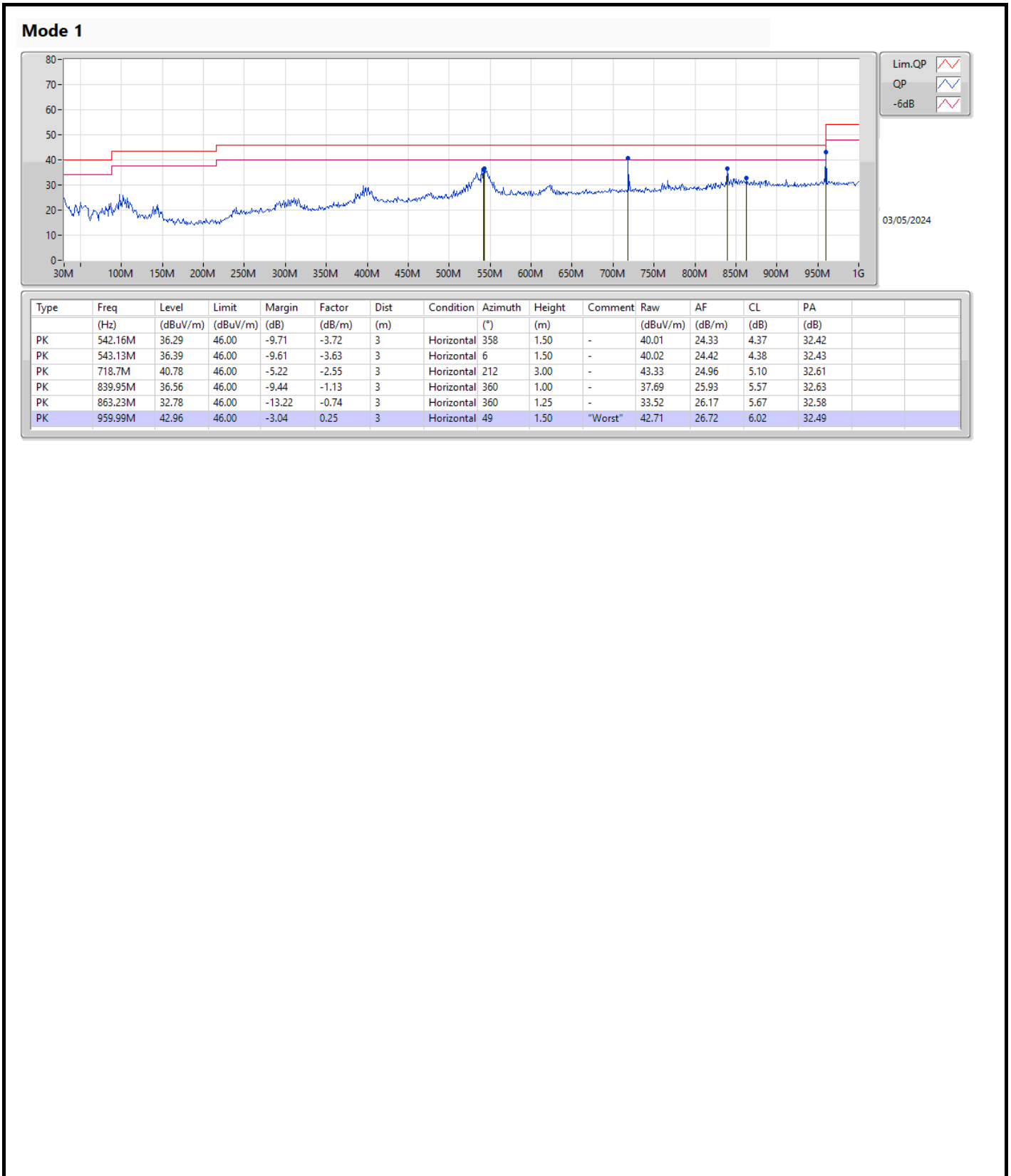
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	959.99M	42.96	46.00	-3.04	Horizontal

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/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	43.58M	36.69	40.00	-3.31	-13.49	3	Vertical	360	1.00	"Worst"	50.18	17.10	1.21	31.80
PK	51.34M	33.82	40.00	-6.18	-16.71	3	Vertical	284	1.00	-	50.53	13.88	1.29	31.88
PK	68.8M	26.18	40.00	-13.82	-17.84	3	Vertical	171	2.00	-	44.02	12.58	1.48	31.90
PK	901.06M	31.27	46.00	-14.73	-0.22	3	Vertical	360	1.00	-	31.49	26.39	5.84	32.45
PK	947.62M	31.26	46.00	-14.74	0.04	3	Vertical	172	3.00	-	31.22	26.62	5.97	32.55
PK	960M	38.96	46.00	-7.04	0.25	3	Vertical	300	1.25	-	38.71	26.72	6.02	32.49



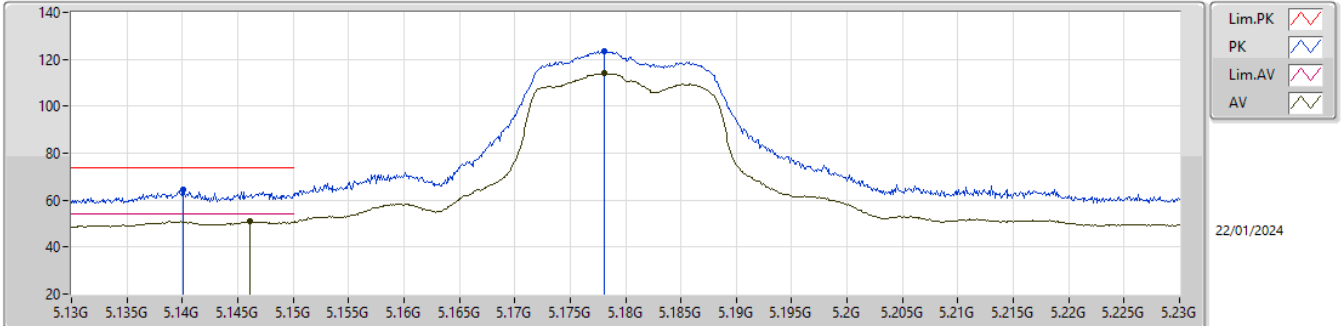


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.15G	53.93	54.00	-0.07	3	Horizontal	33	1.47	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	PK	5.932G	68.13	68.20	-0.07	3	Vertical	0	1.80	-

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

5180MHz_TX

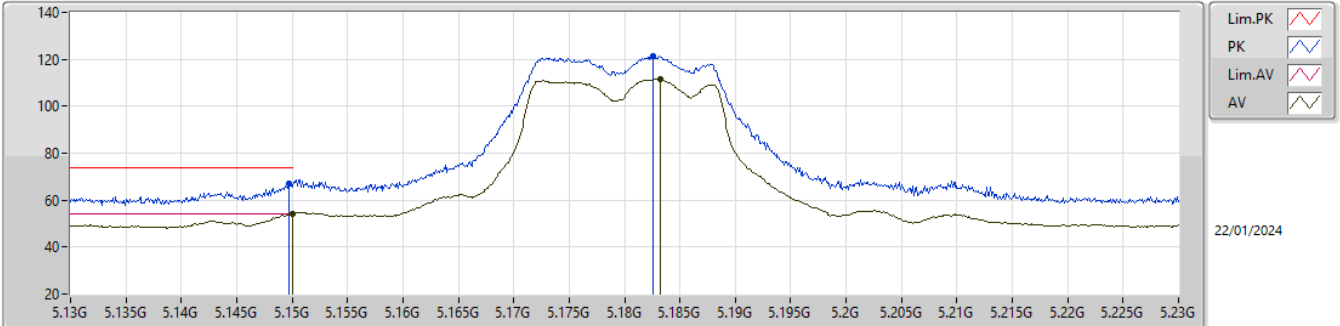


EUT_Y_4TX
 Setting 21
 02-C-R-7-10

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	5.1401G	64.71	74.00	-9.29	56.50	3	Vertical	350	1.61	-	33.58	5.30	30.67
AV	5.1461G	50.92	54.00	-3.08	42.70	3	Vertical	350	1.61	-	33.59	5.31	30.68
PK	5.1781G	123.53	Inf	-Inf	115.17	3	Vertical	350	1.61	-	33.71	5.35	30.70
AV	5.1781G	114.02	Inf	-Inf	105.66	3	Vertical	350	1.61	-	33.71	5.35	30.70

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

5180MHz_TX

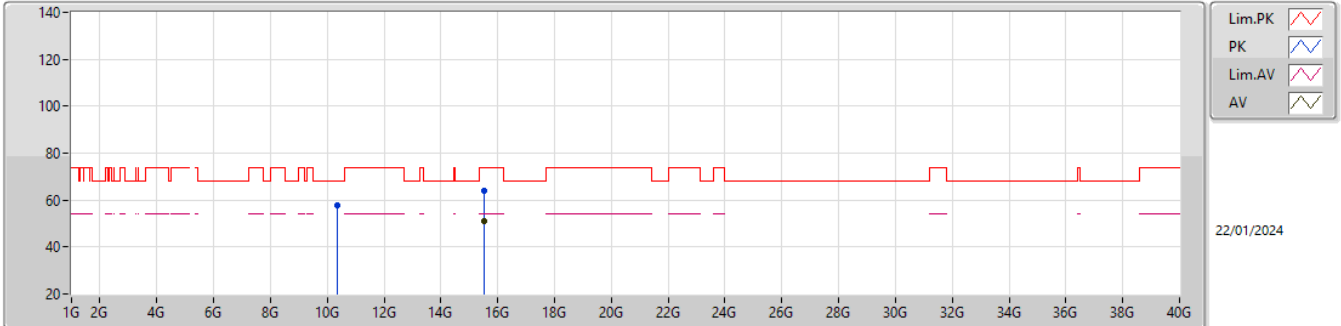


EUT_Y_4TX
Setting 21
02-C-R-7-10

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	5.1497G	67.17	74.00	-6.83	58.94	3	Horizontal	33	1.47	-	33.60	5.31	30.68
AV	5.15G	53.93	54.00	-0.07	45.69	3	Horizontal	33	1.47	-	33.60	5.32	30.68
PK	5.1826G	121.22	Inf	-Inf	112.85	3	Horizontal	33	1.47	-	33.73	5.35	30.71
AV	5.1832G	111.54	Inf	-Inf	103.17	3	Horizontal	33	1.47	-	33.73	5.35	30.71

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

5180MHz_TX

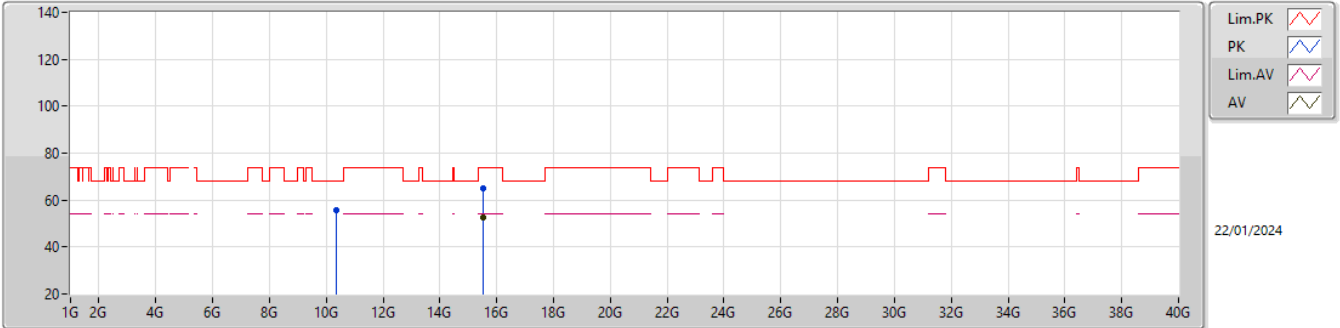


EUT_Y_4TX
Setting 27
04-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36282G	57.94	68.20	-10.26	53.46	3	Vertical	0	1.70	-	38.60	8.90	43.02
PK	15.53433G	63.89	74.00	-10.11	56.93	3	Vertical	10	1.80	-	38.30	11.23	42.57
AV	15.53586G	51.21	54.00	-2.79	44.25	3	Vertical	10	1.80	-	38.30	11.23	42.57

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

5180MHz_TX

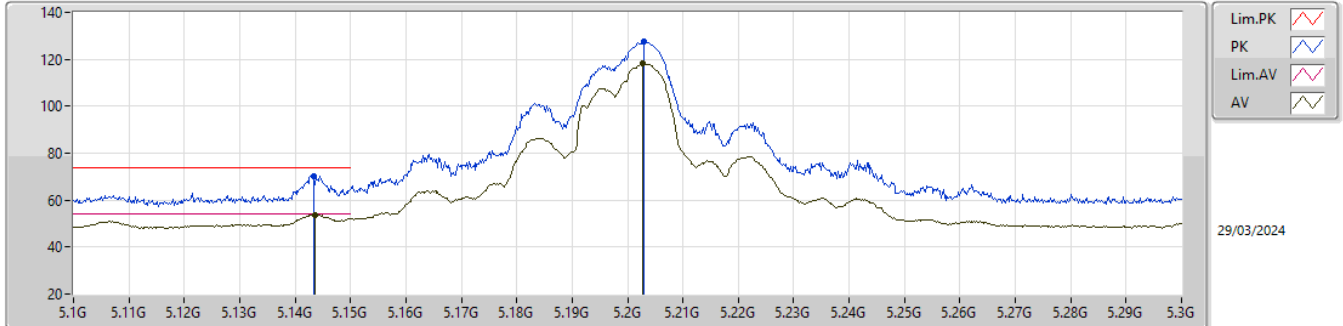


EUT_Y_4TX
Setting 27
04-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36009G	55.65	68.20	-12.55	51.18	3	Horizontal	3	1.86	-	38.60	8.89	43.02
PK	15.53649G	65.03	74.00	-8.97	58.07	3	Horizontal	27	1.78	-	38.30	11.23	42.57
AV	15.53742G	52.65	54.00	-1.35	45.69	3	Horizontal	27	1.78	-	38.30	11.23	42.57

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

5200MHz_TX

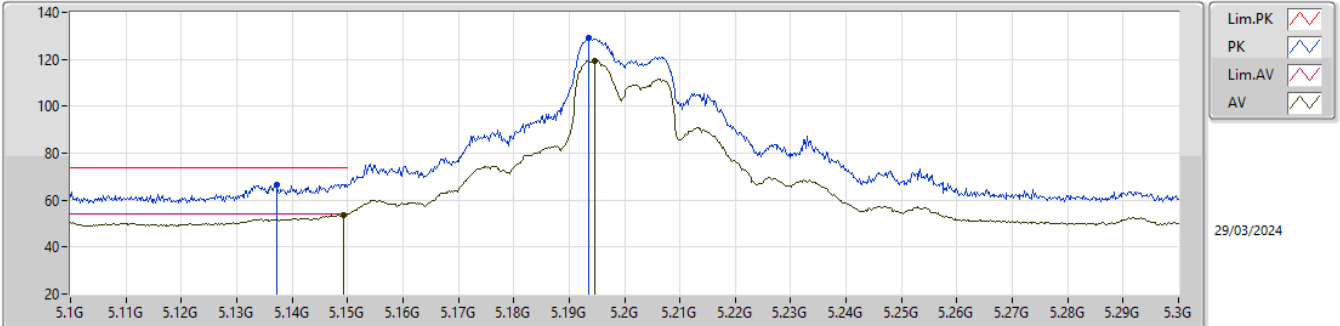


EUT_Y_4TX
Setting 26
02-C-G-4-10

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	5.1434G	70.22	74.00	-3.78	61.99	3	Vertical	7	1.81	-	33.59	5.31	30.67
AV	5.1436G	53.59	54.00	-0.41	45.36	3	Vertical	7	1.81	-	33.59	5.31	30.67
PK	5.203G	127.43	Inf	-Inf	118.98	3	Vertical	7	1.81	-	33.80	5.37	30.72
AV	5.2028G	118.21	Inf	-Inf	109.76	3	Vertical	7	1.81	-	33.80	5.37	30.72

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

5200MHz_TX

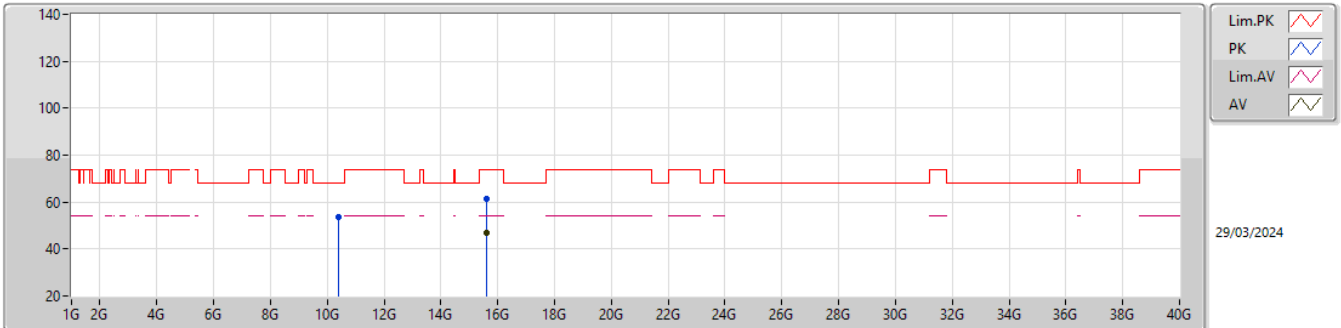


EUT_Y_4TX
 Setting 26
 02-C-G-4-10

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	5.1372G	66.73	74.00	-7.27	58.53	3	Horizontal	358	1.60	-	33.57	5.30	30.67
AV	5.1492G	53.81	54.00	-0.19	45.58	3	Horizontal	358	1.60	-	33.60	5.31	30.68
PK	5.1936G	129.37	Inf	-Inf	120.95	3	Horizontal	358	1.60	-	33.77	5.36	30.71
AV	5.1946G	119.54	Inf	-Inf	111.12	3	Horizontal	358	1.60	-	33.78	5.36	30.72

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

5200MHz_TX

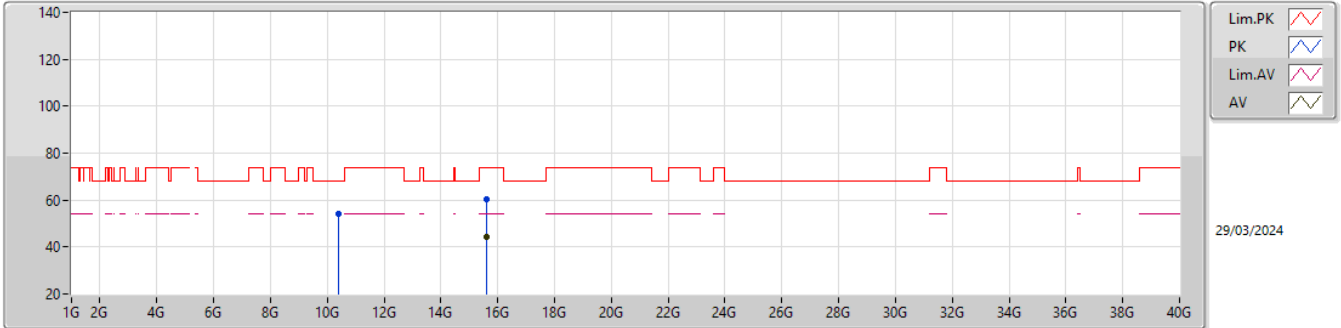


EUT_Y_4TX
Setting 26
02-C-V-1

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	10.39994G	53.46	68.20	-14.74	49.89	3	Vertical	13	2.51	-	38.40	8.20	43.03
PK	15.59838G	61.39	74.00	-12.61	56.03	3	Vertical	340	3.00	-	37.70	10.16	42.50
AV	15.59938G	46.64	54.00	-7.36	41.27	3	Vertical	340	3.00	-	37.70	10.16	42.49

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

5200MHz_TX

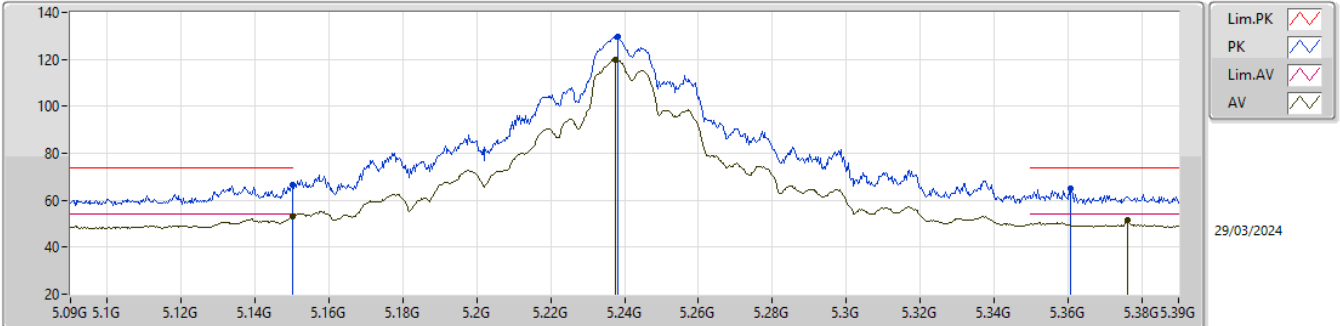


EUT_Y_4TX
Setting 26
02-C-V-1

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	10.40024G	54.31	68.20	-13.89	50.74	3	Horizontal	2	1.44	-	38.40	8.20	43.03
PK	15.60253G	60.28	74.00	-13.72	54.91	3	Horizontal	24	1.76	-	37.70	10.16	42.49
AV	15.60196G	44.53	54.00	-9.47	39.16	3	Horizontal	24	1.76	-	37.70	10.16	42.49

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

5240MHz_TX

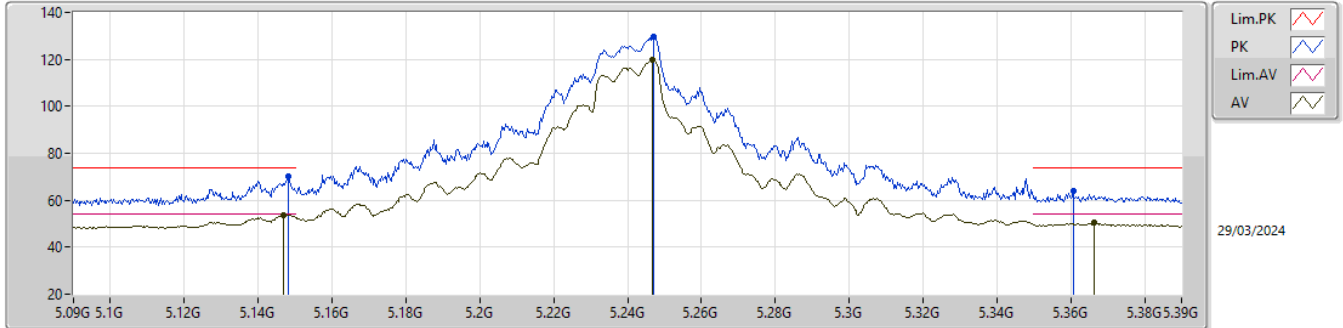


EUT_Y_4TX
Setting 31.5
02-C-G-4-10

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	5.15G	66.35	74.00	-7.65	58.11	3	Vertical	352	1.87	-	33.60	5.32	30.68
AV	5.15G	53.31	54.00	-0.69	45.07	3	Vertical	352	1.87	-	33.60	5.32	30.68
PK	5.2382G	129.80	Inf	-Inf	121.37	3	Vertical	352	1.87	-	33.80	5.38	30.75
AV	5.2376G	119.89	Inf	-Inf	111.46	3	Vertical	352	1.87	-	33.80	5.38	30.75
PK	5.3609G	65.08	74.00	-8.92	56.53	3	Vertical	352	1.87	-	34.00	5.40	30.85
AV	5.3762G	51.62	54.00	-2.38	43.07	3	Vertical	352	1.87	-	34.00	5.41	30.86

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

5240MHz_TX

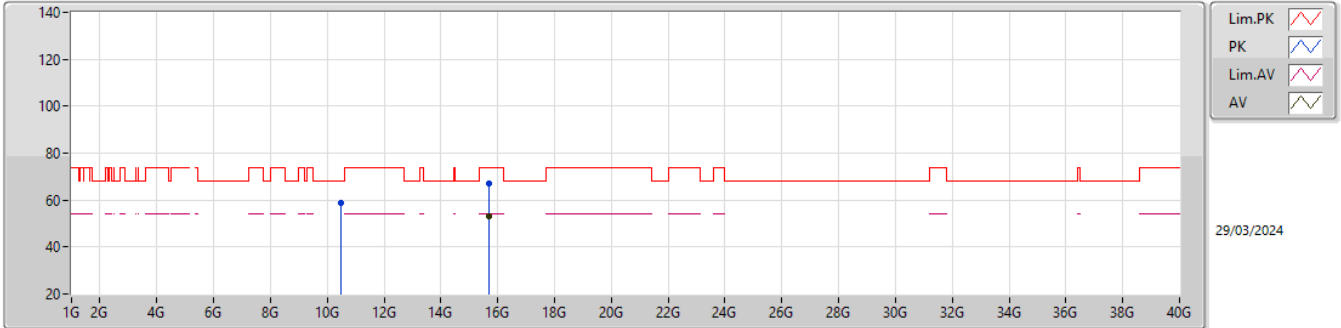


EUT_Y_4TX
Setting 31.5
02-C-G-4-10

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	5.1482G	69.96	74.00	-4.04	61.73	3	Horizontal	360	1.56	-	33.60	5.31	30.68
AV	5.147G	53.69	54.00	-0.31	45.47	3	Horizontal	360	1.56	-	33.59	5.31	30.68
PK	5.2472G	129.64	Inf	-Inf	121.22	3	Horizontal	360	1.56	-	33.80	5.38	30.76
AV	5.2469G	119.83	Inf	-Inf	111.41	3	Horizontal	360	1.56	-	33.80	5.38	30.76
PK	5.3606G	64.18	74.00	-9.82	55.63	3	Horizontal	360	1.56	-	34.00	5.40	30.85
AV	5.3663G	50.32	54.00	-3.68	41.77	3	Horizontal	360	1.56	-	34.00	5.40	30.85

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

5240MHz_TX

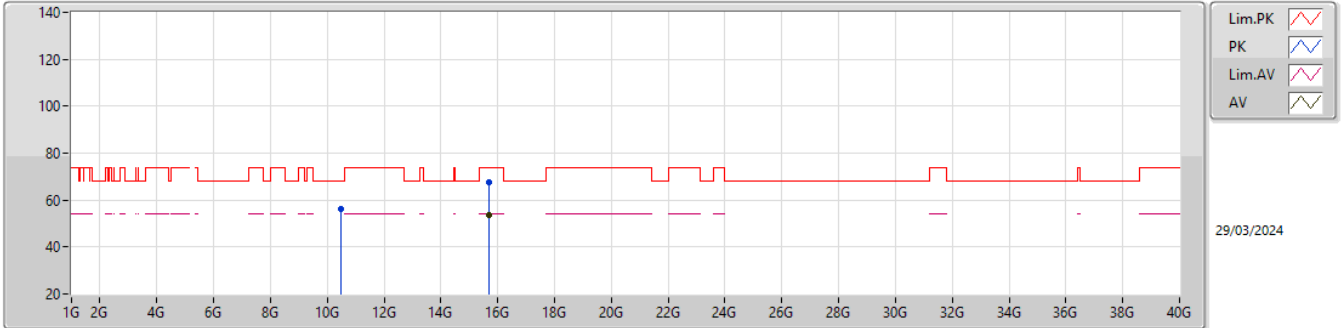


EUT_Y_4TX
 Setting 30.5
 02-C-V-1

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	10.47859G	58.61	68.20	-9.59	55.03	3	Vertical	360	1.84	-	38.40	8.22	43.04
PK	15.71241G	67.10	74.00	-6.90	61.52	3	Vertical	329	1.84	-	37.75	10.19	42.36
AV	15.71304G	53.28	54.00	-0.72	47.70	3	Vertical	329	1.84	-	37.75	10.19	42.36

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

5240MHz_TX

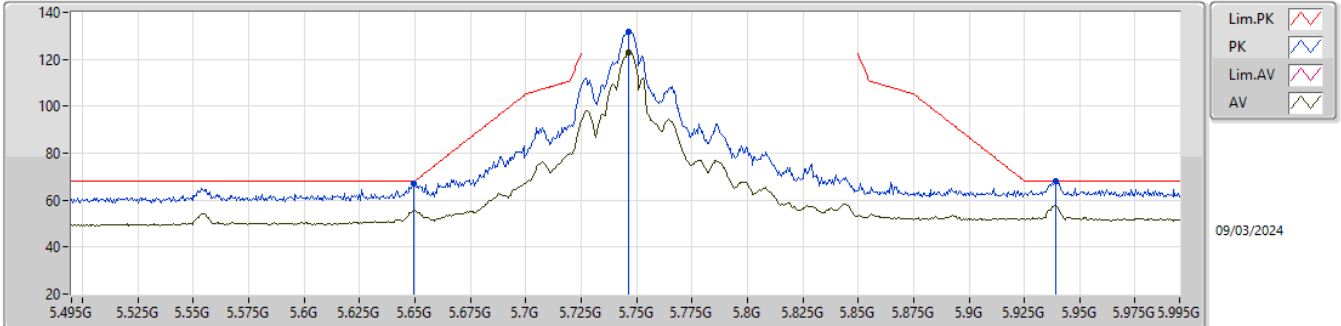


EUT_Y_4TX
 Setting 30.5
 02-C-V-1

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	10.47433G	55.97	68.20	-12.23	52.39	3	Horizontal	21	1.84	-	38.40	8.22	43.04
PK	15.71169G	67.44	74.00	-6.56	61.86	3	Horizontal	326	2.35	-	37.75	10.19	42.36
AV	15.71307G	53.81	54.00	-0.19	48.23	3	Horizontal	326	2.35	-	37.75	10.19	42.36

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

5745MHz_TX

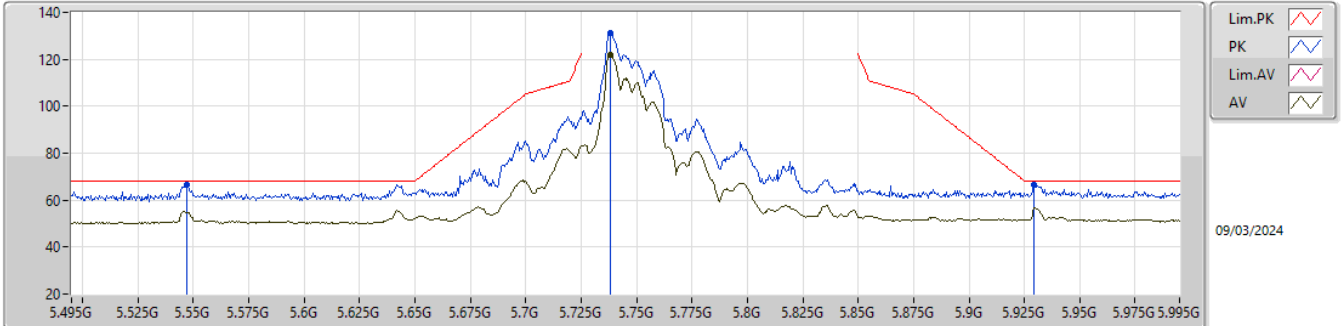


EUT_Y_4TX
 Setting 31
 02-C-R-7-10

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	5.6495G	66.82	68.20	-1.38	58.37	3	Vertical	350	1.51	-	33.90	5.58	31.03
PK	5.7465G	131.73	Inf	-Inf	123.19	3	Vertical	350	1.51	-	34.00	5.61	31.07
AV	5.7465G	123.06	Inf	-Inf	114.52	3	Vertical	350	1.51	-	34.00	5.61	31.07
PK	5.939G	67.96	68.20	-0.24	59.06	3	Vertical	350	1.51	-	34.28	5.78	31.16

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

5745MHz_TX

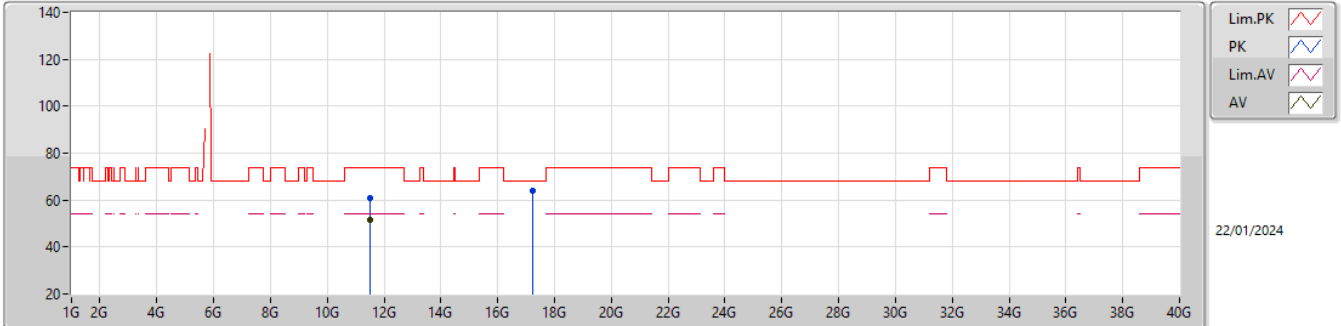


EUT_Y_4TX
 Setting 31
 02-C-R-7-10

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	5.547G	66.75	68.20	-1.45	58.10	3	Horizontal	344	1.76	-	34.10	5.53	30.98
PK	5.738G	131.39	Inf	-Inf	122.85	3	Horizontal	344	1.76	-	34.00	5.61	31.07
AV	5.738G	122.07	Inf	-Inf	113.53	3	Horizontal	344	1.76	-	34.00	5.61	31.07
PK	5.9295G	66.63	68.20	-1.57	57.76	3	Horizontal	344	1.76	-	34.26	5.77	31.16

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

5745MHz_TX

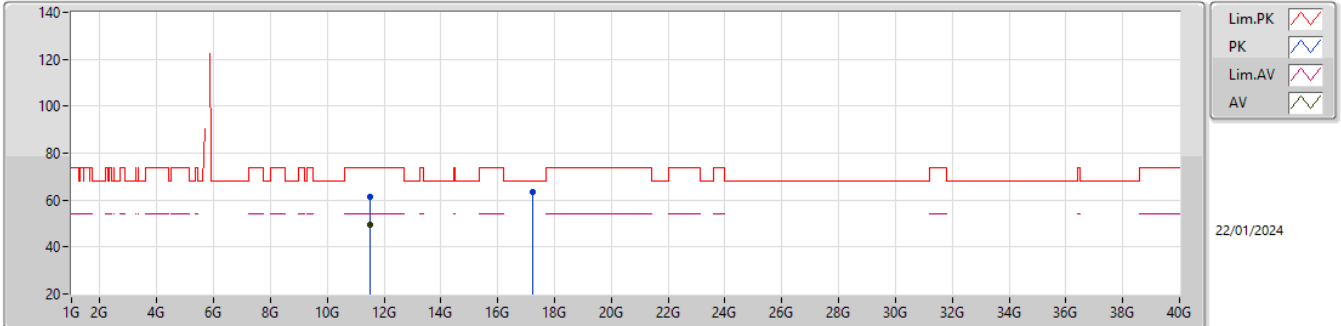


EUT_Y_4TX
 Setting 31.5
 02-C-R-7

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	11.48802G	60.95	74.00	-13.05	45.66	3	Vertical	337	1.42	-	38.88	8.57	32.16
AV	11.48994G	51.31	54.00	-2.69	36.02	3	Vertical	337	1.42	-	38.88	8.57	32.16
PK	17.23251G	63.98	68.20	-4.22	43.16	3	Vertical	356	1.80	-	41.97	11.14	32.29

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

5745MHz_TX

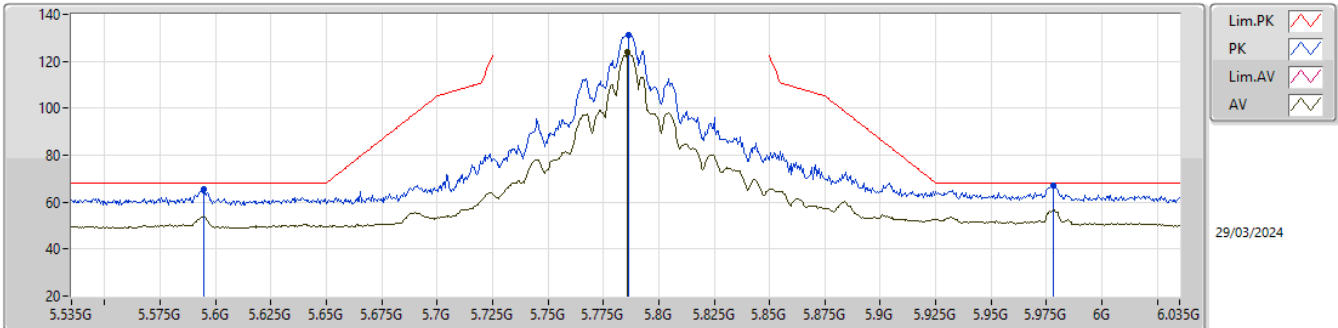


EUT_Y_4TX
 Setting 31.5
 02-C-R-7

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	11.48964G	61.39	74.00	-12.61	46.10	3	Horizontal	360	1.78	-	38.88	8.57	32.16
AV	11.48985G	49.51	54.00	-4.49	34.22	3	Horizontal	360	1.78	-	38.88	8.57	32.16
PK	17.23008G	63.65	68.20	-4.55	42.85	3	Horizontal	121	2.43	-	41.96	11.13	32.29

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

5785MHz_TX

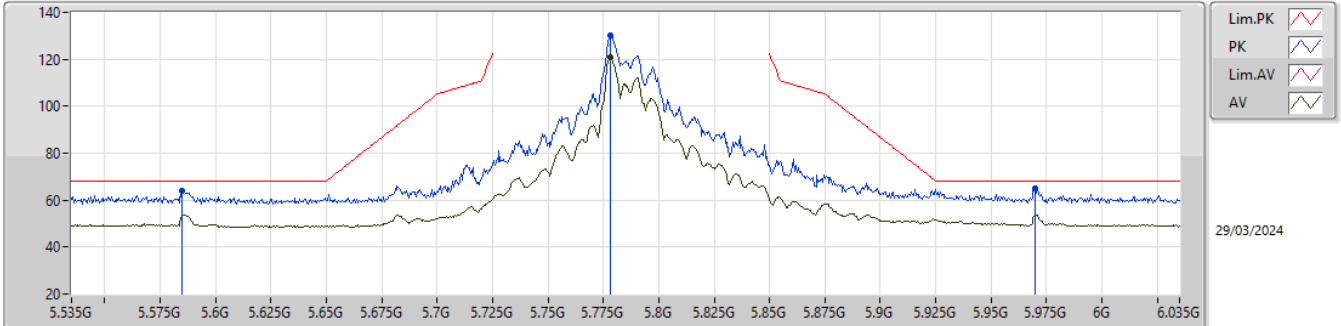


EUT_Y_4TX
 Setting 31.5
 02-C-V-1-10

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	5.5945G	65.40	68.20	-2.80	56.82	3	Vertical	353	1.74	-	34.01	5.57	31.00
PK	5.7865G	130.99	Inf	-Inf	122.45	3	Vertical	353	1.74	-	34.00	5.63	31.09
AV	5.786G	124.18	Inf	-Inf	115.64	3	Vertical	353	1.74	-	34.00	5.63	31.09
PK	5.978G	67.25	68.20	-0.95	58.30	3	Vertical	353	1.74	-	34.30	5.83	31.18

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

5785MHz_TX

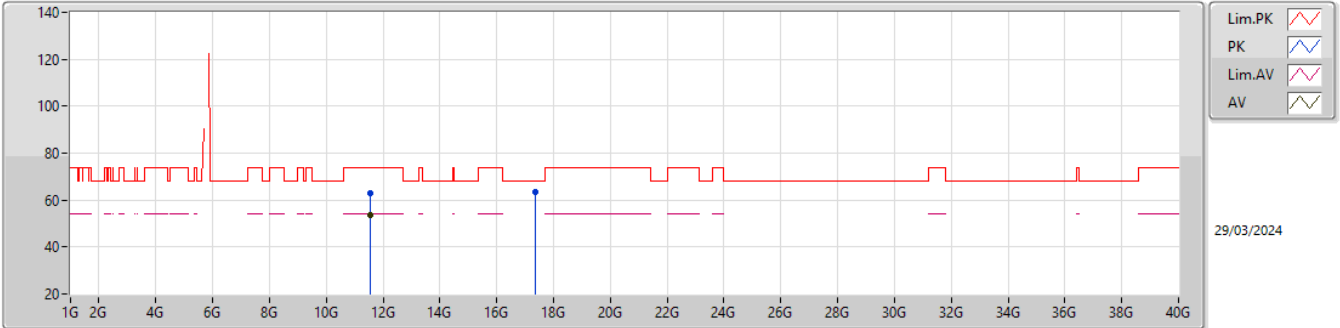


EUT_Y_4TX
 Setting 31.5
 02-C-V-1-10

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	5.585G	64.07	68.20	-4.13	55.48	3	Horizontal	345	1.79	-	34.03	5.56	31.00
PK	5.778G	129.96	Inf	-Inf	121.43	3	Horizontal	345	1.79	-	34.00	5.62	31.09
AV	5.778G	120.77	Inf	-Inf	112.24	3	Horizontal	345	1.79	-	34.00	5.62	31.09
PK	5.97G	65.14	68.20	-3.06	56.20	3	Horizontal	345	1.79	-	34.30	5.82	31.18

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

5785MHz_TX

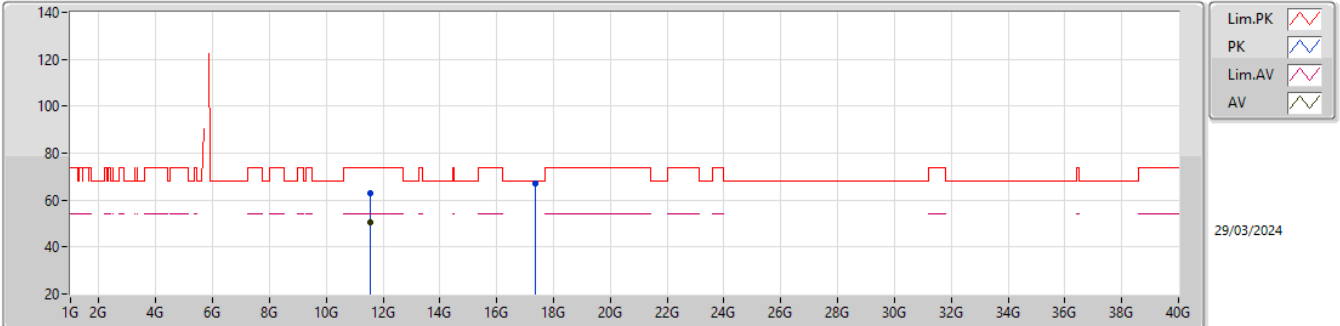


EUT_Y_4TX
 Setting 31.5
 06-D-G-4

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	11.57004G	63.09	74.00	-10.91	55.79	3	Vertical	26	1.80	-	39.98	10.61	43.29
AV	11.57004G	53.86	54.00	-0.14	46.56	3	Vertical	26	1.80	-	39.98	10.61	43.29
PK	17.34932G	63.23	68.20	-4.97	50.67	3	Vertical	343	1.80	-	41.29	13.28	42.01

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

5785MHz_TX

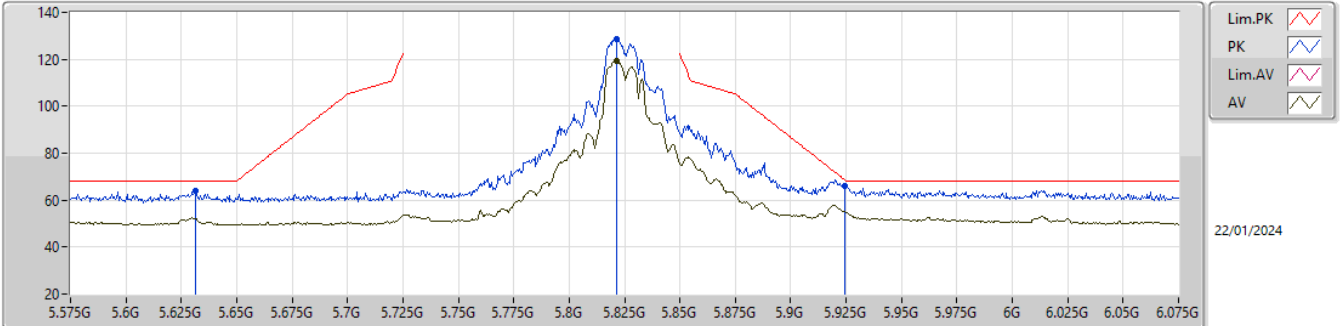


EUT_Y_4TX
 Setting 31.5
 06-D-G-4

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	11.57008G	62.90	74.00	-11.10	55.60	3	Horizontal	352	1.80	-	39.98	10.61	43.29
AV	11.56996G	50.36	54.00	-3.64	43.06	3	Horizontal	352	1.80	-	39.98	10.61	43.29
PK	17.35904G	67.25	68.20	-0.95	54.56	3	Horizontal	38	1.80	-	41.41	13.28	42.00

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

5825MHz_TX

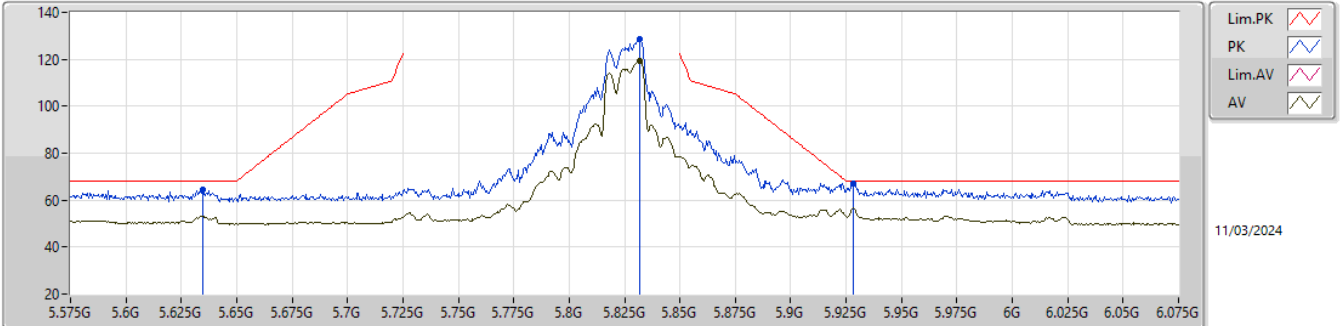


EUT_Y_4TX
Setting 27
02-C-R-7-10

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	63.91	68.20	-4.29	55.41	3	Vertical	360	1.50	-	33.94	5.58	31.02
PK	5.8215G	128.81	Inf	-Inf	120.27	3	Vertical	360	1.50	-	34.00	5.65	31.11
AV	5.8215G	119.52	Inf	-Inf	110.98	3	Vertical	360	1.50	-	34.00	5.65	31.11
PK	5.9245G	66.02	68.57	-2.55	57.16	3	Vertical	360	1.50	-	34.25	5.77	31.16

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

5825MHz_TX

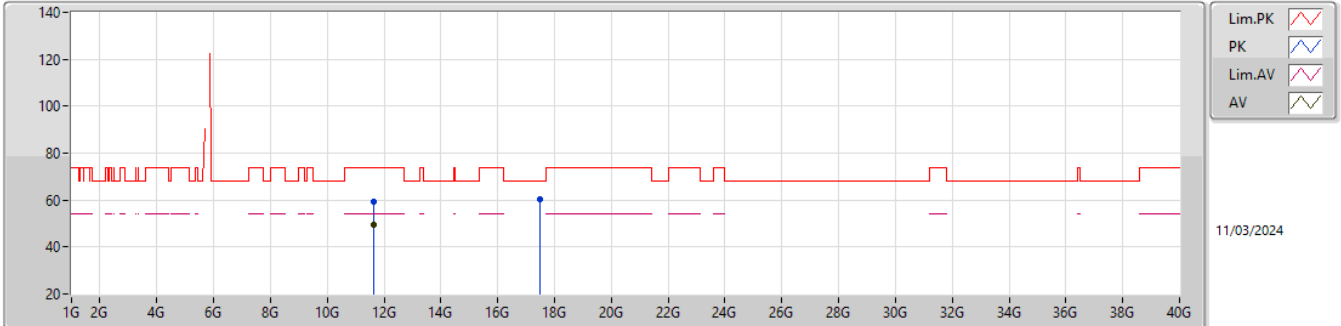


EUT_Y_4TX
 Setting 27
 02-C-R-7-10

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	5.6345G	64.35	68.20	-3.85	55.86	3	Horizontal	0	1.69	-	33.93	5.58	31.02
PK	5.832G	128.60	Inf	-Inf	120.04	3	Horizontal	0	1.69	-	34.00	5.67	31.11
AV	5.832G	119.41	Inf	-Inf	110.85	3	Horizontal	0	1.69	-	34.00	5.67	31.11
PK	5.9285G	67.18	68.20	-1.02	58.31	3	Horizontal	0	1.69	-	34.26	5.77	31.16

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

5825MHz_TX

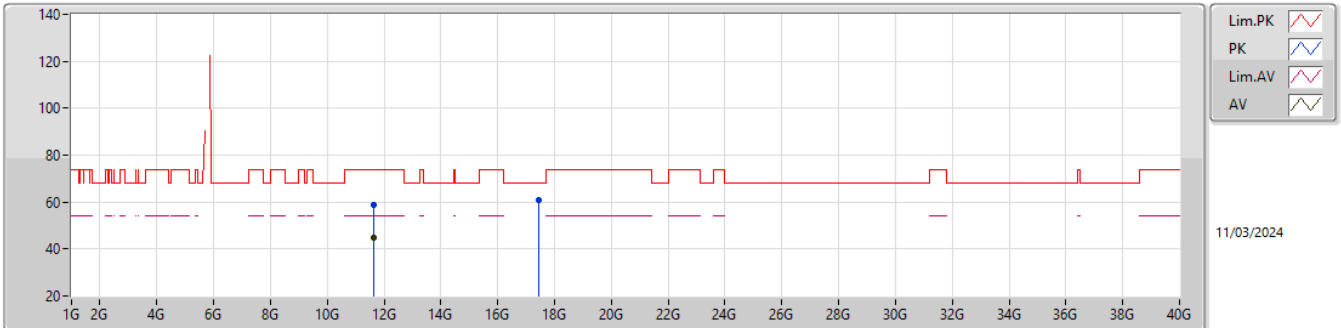


EUT_Y_4TX
Setting 27
02-C-V-1

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	11.65015G	59.26	74.00	-14.74	44.18	3	Vertical	26	1.91	-	39.30	7.68	31.90
AV	11.65G	49.52	54.00	-4.48	34.44	3	Vertical	26	1.91	-	39.30	7.68	31.90
PK	17.48415G	60.21	68.20	-7.99	39.78	3	Vertical	303	1.80	-	43.77	9.12	32.46

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

5825MHz_TX

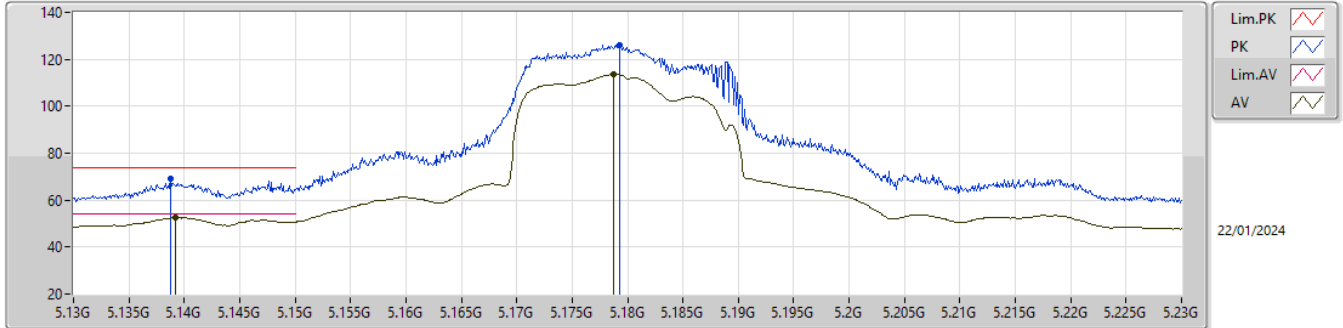


EUT_Y_4TX
Setting 27
02-C-V-1

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	11.65075G	58.56	74.00	-15.44	43.46	3	Horizontal	351	1.79	-	39.30	7.69	31.89
AV	11.65003G	45.00	54.00	-9.00	29.92	3	Horizontal	351	1.79	-	39.30	7.68	31.90
PK	17.46492G	61.02	68.20	-7.18	40.74	3	Horizontal	303	1.80	-	43.62	9.11	32.45

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

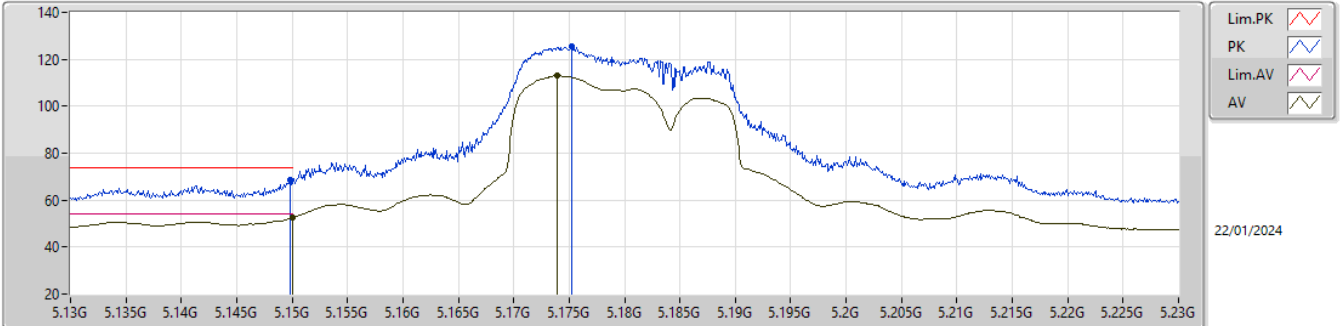


EUT_Y_4TX
Setting 22
04-P-E-5-10

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	5.1388G	68.91	74.00	-5.09	63.70	3	Vertical	10	1.80	-	32.58	5.89	33.26
AV	5.1392G	52.51	54.00	-1.49	47.30	3	Vertical	10	1.80	-	32.58	5.89	33.26
PK	5.1793G	126.12	Inf	-Inf	120.82	3	Vertical	10	1.80	-	32.66	5.91	33.27
AV	5.1787G	113.73	Inf	-Inf	108.43	3	Vertical	10	1.80	-	32.66	5.91	33.27

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

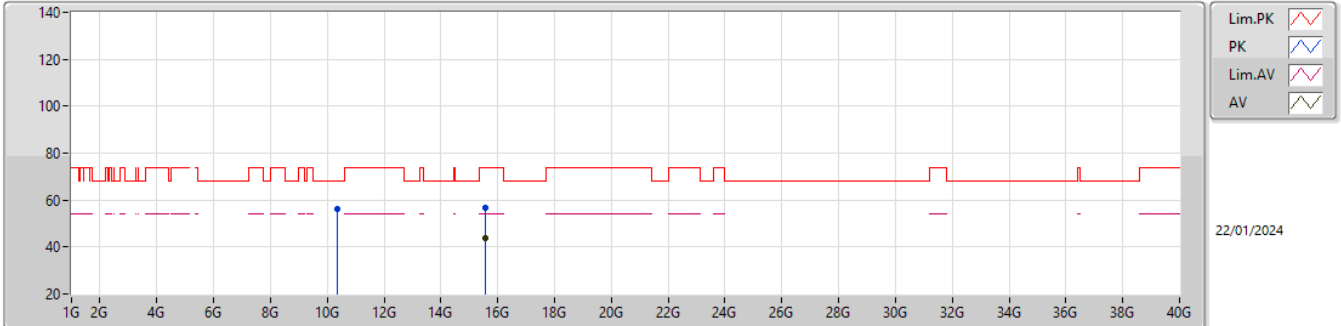


EUT_Y_4TX
Setting 22
04-P-E-5-10

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	5.1498G	68.61	74.00	-5.39	63.37	3	Horizontal	26	1.66	-	32.60	5.90	33.26
AV	5.15G	52.43	54.00	-1.57	47.19	3	Horizontal	26	1.66	-	32.60	5.90	33.26
PK	5.1752G	125.58	Inf	-Inf	120.29	3	Horizontal	26	1.66	-	32.65	5.91	33.27
AV	5.1739G	113.07	Inf	-Inf	107.78	3	Horizontal	26	1.66	-	32.65	5.91	33.27

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

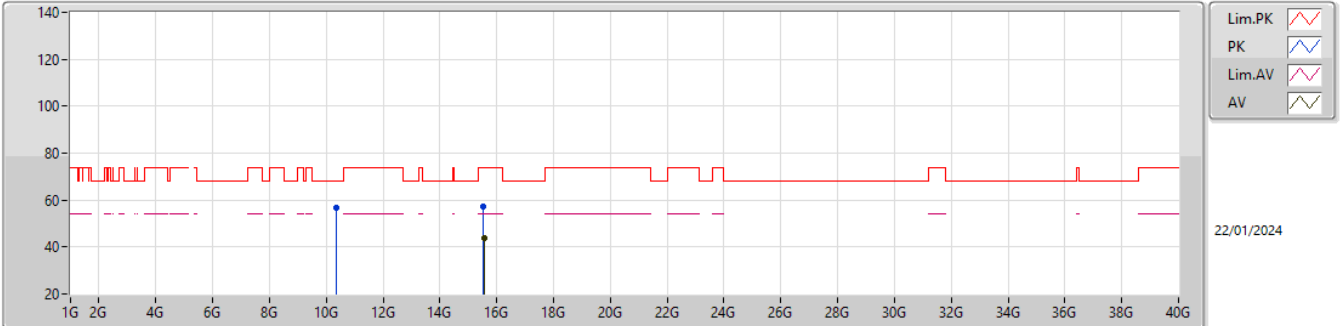


EUT_Y_4TX
Setting 22
06-D-G-4

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	10.36818G	56.00	68.20	-12.20	48.95	3	Vertical	314	3.00	-	40.04	10.03	43.02
PK	15.5477G	56.85	74.00	-17.15	48.04	3	Vertical	39	1.09	-	38.90	12.46	42.55
AV	15.54498G	43.74	54.00	-10.26	34.94	3	Vertical	39	1.09	-	38.91	12.45	42.56

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

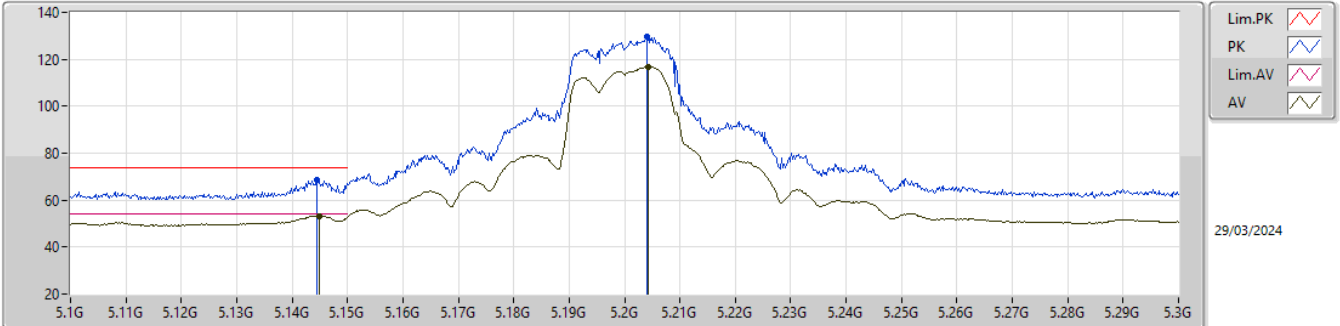


EUT_Y_4TX
Setting 22
06-D-G-4

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	10.35976G	56.53	68.20	-11.67	49.50	3	Horizontal	359.9	1.36	-	40.02	10.03	43.02
PK	15.54086G	57.26	74.00	-16.74	48.45	3	Horizontal	308	1.93	-	38.92	12.45	42.56
AV	15.5482G	43.67	54.00	-10.33	34.86	3	Horizontal	308	1.93	-	38.90	12.46	42.55

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

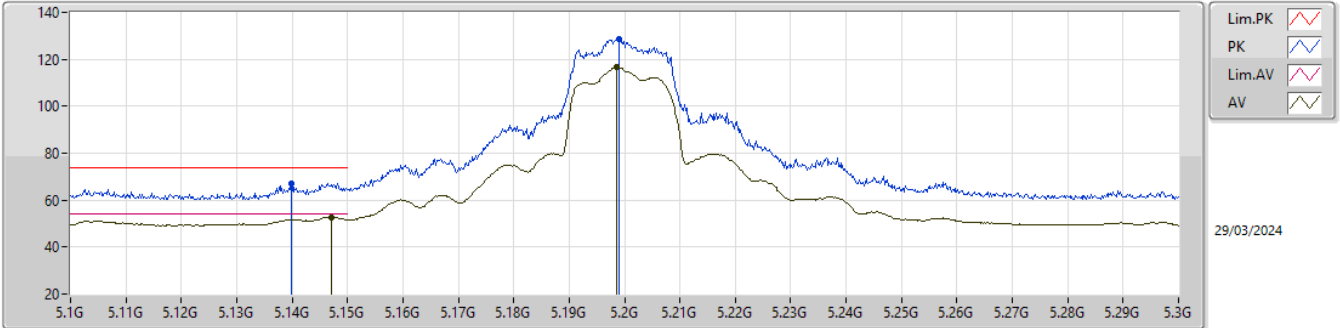


EUT_Y_4TX
 Setting 24.5
 02-C-V-1-10

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	5.1444G	68.75	74.00	-5.25	60.53	3	Vertical	16	1.65	-	33.59	5.31	30.68
AV	5.1448G	53.23	54.00	-0.77	45.01	3	Vertical	16	1.65	-	33.59	5.31	30.68
PK	5.204G	129.63	Inf	-Inf	121.18	3	Vertical	16	1.65	-	33.80	5.37	30.72
AV	5.2042G	116.87	Inf	-Inf	108.42	3	Vertical	16	1.65	-	33.80	5.37	30.72

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

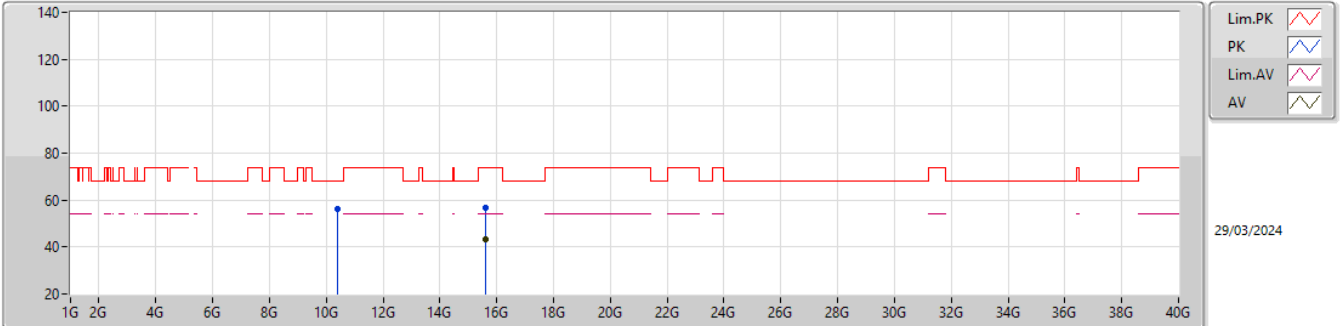


EUT_Y_4TX
 Setting 24.5
 02-C-V-1-10

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	5.1398G	67.01	74.00	-6.99	58.80	3	Horizontal	37	1.66	-	33.58	5.30	30.67
AV	5.147G	52.83	54.00	-1.17	44.61	3	Horizontal	37	1.66	-	33.59	5.31	30.68
PK	5.199G	128.86	Inf	-Inf	120.41	3	Horizontal	37	1.66	-	33.80	5.37	30.72
AV	5.1986G	116.50	Inf	-Inf	108.06	3	Horizontal	37	1.66	-	33.79	5.37	30.72

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

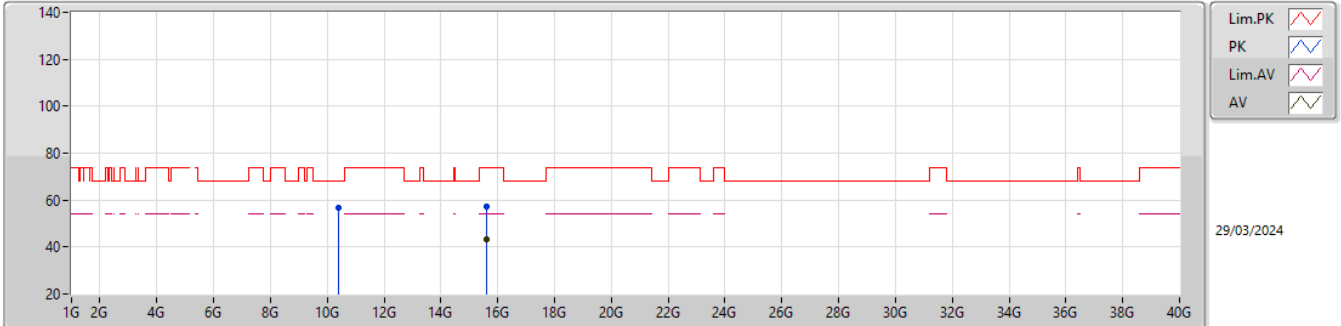


EUT_Y_4TX
 Setting 24.5
 06-D-G-4

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	10.40001G	56.19	68.20	-12.01	49.07	3	Vertical	32	2.60	-	40.10	10.05	43.03
PK	15.59544G	56.54	74.00	-17.46	47.93	3	Vertical	68	1.80	-	38.63	12.48	42.50
AV	15.59634G	43.29	54.00	-10.71	34.69	3	Vertical	68	1.80	-	38.62	12.48	42.50

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

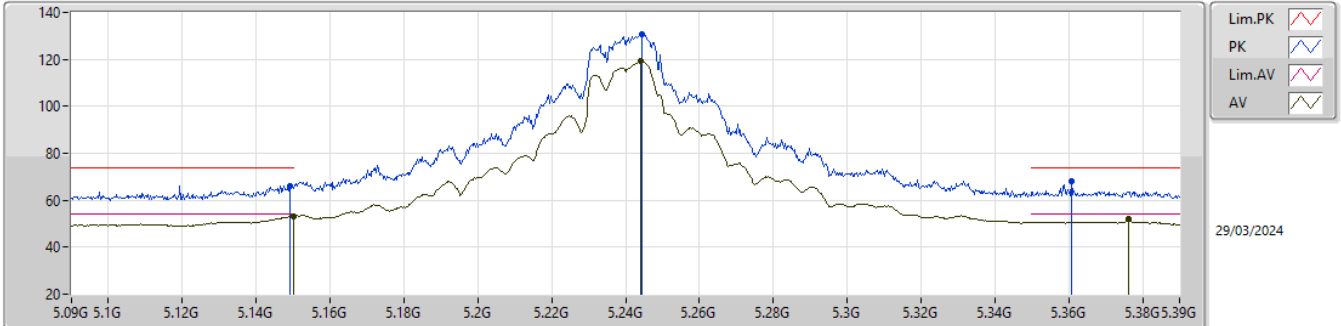


EUT_Y_4TX
 Setting 24.5
 06-D-G-4

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	10.39998G	56.51	68.20	-11.69	49.39	3	Horizontal	1	1.80	-	40.10	10.05	43.03
PK	15.60008G	57.01	74.00	-16.99	48.42	3	Horizontal	346	2.19	-	38.60	12.48	42.49
AV	15.60362G	43.39	54.00	-10.61	34.84	3	Horizontal	346	2.19	-	38.56	12.48	42.49

5.15-5.25GHz 802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

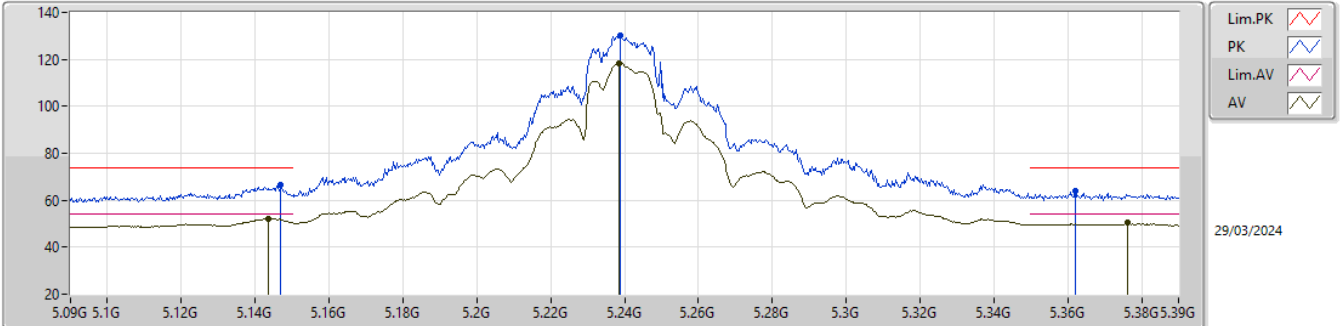


EUT_Y_4TX
Setting 30
02-C-V-1-10

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	5.1491G	66.09	74.00	-7.91	57.86	3	Vertical	16	1.89	-	33.60	5.31	30.68
AV	5.15G	53.21	54.00	-0.79	44.97	3	Vertical	16	1.89	-	33.60	5.32	30.68
PK	5.2445G	130.46	Inf	-Inf	122.04	3	Vertical	16	1.89	-	33.80	5.38	30.76
AV	5.2442G	119.10	Inf	-Inf	110.68	3	Vertical	16	1.89	-	33.80	5.38	30.76
PK	5.3609G	67.91	74.00	-6.09	59.36	3	Vertical	16	1.89	-	34.00	5.40	30.85
AV	5.3762G	52.28	54.00	-1.72	43.73	3	Vertical	16	1.89	-	34.00	5.41	30.86

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

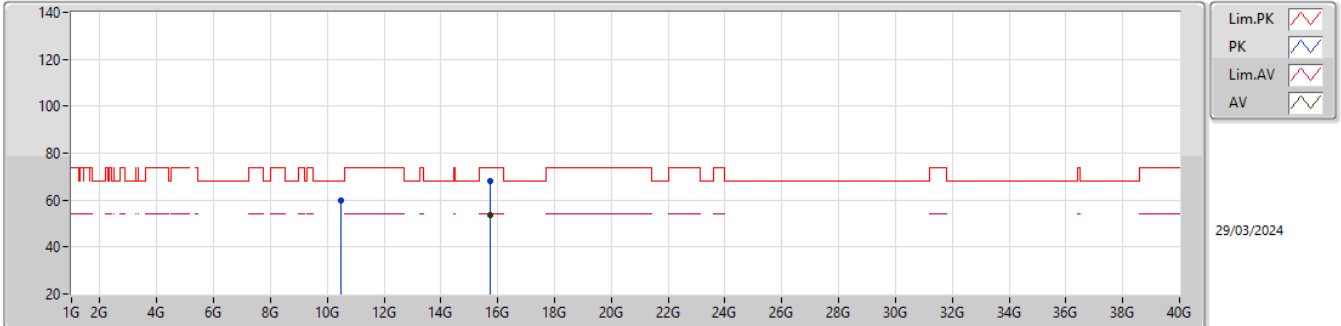


EUT_Y_4TX
 Setting 30
 02-C-V-1-10

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	5.147G	66.49	74.00	-7.51	58.27	3	Horizontal	39	2.18	-	33.59	5.31	30.68
AV	5.1437G	52.12	54.00	-1.88	43.89	3	Horizontal	39	2.18	-	33.59	5.31	30.67
PK	5.2388G	130.08	Inf	-Inf	121.65	3	Horizontal	39	2.18	-	33.80	5.38	30.75
AV	5.2385G	118.48	Inf	-Inf	110.05	3	Horizontal	39	2.18	-	33.80	5.38	30.75
PK	5.3621G	63.91	74.00	-10.09	55.36	3	Horizontal	39	2.18	-	34.00	5.40	30.85
AV	5.3762G	50.44	54.00	-3.56	41.89	3	Horizontal	39	2.18	-	34.00	5.41	30.86

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

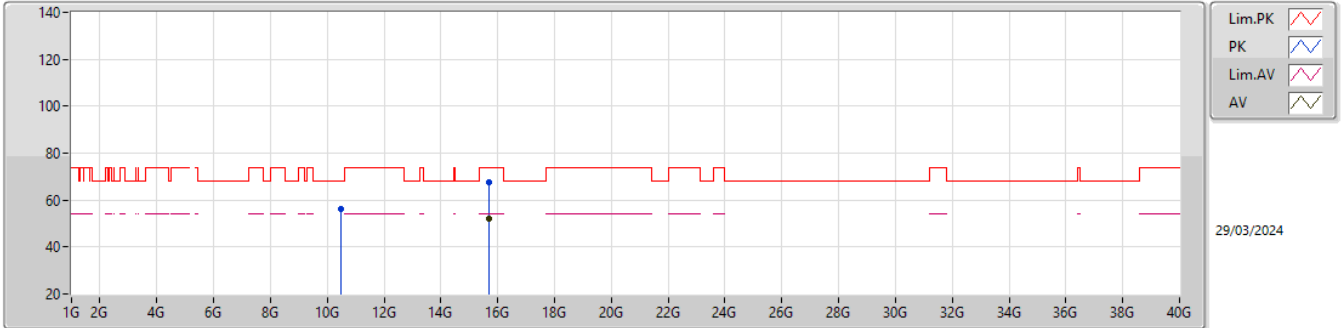


EUT_Y_4TX
Setting 29
06-D-G-4

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	10.48447G	59.82	68.20	-8.38	52.64	3	Vertical	358	1.79	-	40.13	10.09	43.04
PK	15.72286G	68.10	74.00	-5.90	59.66	3	Vertical	350	1.64	-	38.25	12.54	42.35
AV	15.72372G	53.82	54.00	-0.18	45.38	3	Vertical	350	1.64	-	38.25	12.54	42.35

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

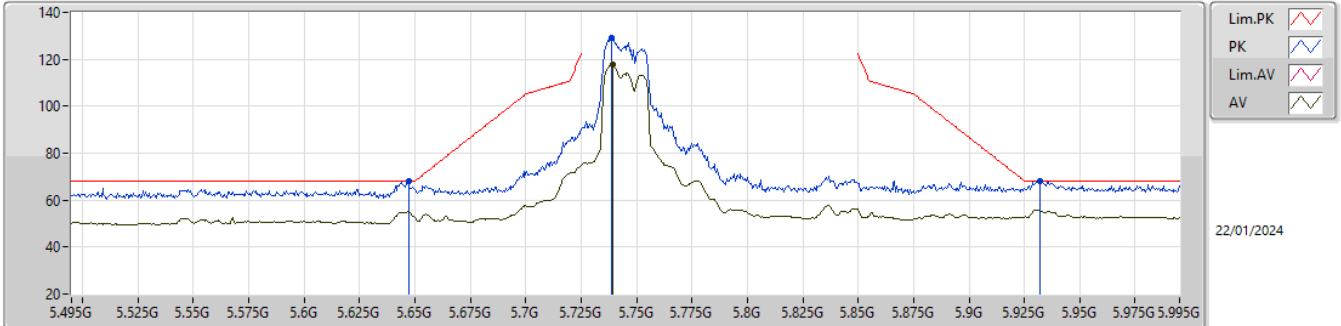


EUT_Y_4TX
 Setting 30
 06-D-G-4

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	10.48002G	56.46	68.20	-11.74	49.27	3	Horizontal	349	2.15	-	40.14	10.09	43.04
PK	15.71424G	67.36	74.00	-6.64	58.96	3	Horizontal	29	1.41	-	38.23	12.53	42.36
AV	15.71388G	52.18	54.00	-1.82	43.78	3	Horizontal	29	1.41	-	38.23	12.53	42.36

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

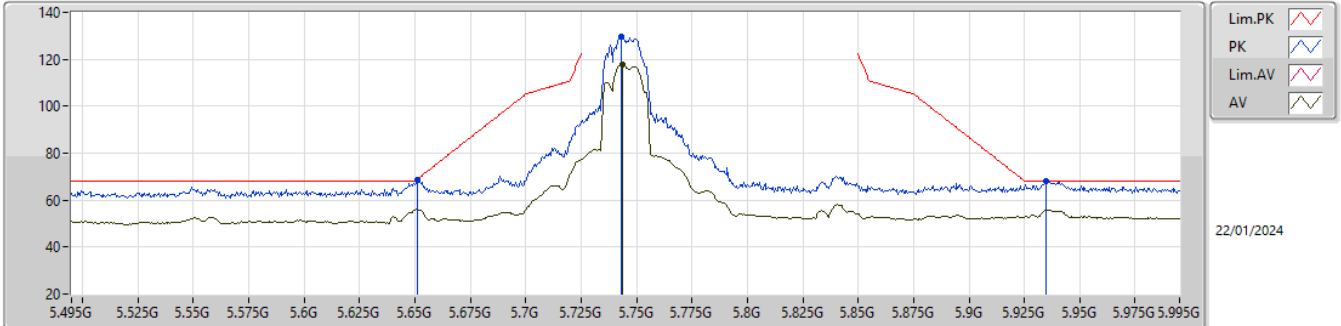


EUT_Y_4TX
 Setting 25
 04-P-E-5-10

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	5.647G	67.92	68.20	-0.28	61.43	3	Vertical	0	1.80	-	33.70	6.22	33.43
PK	5.7385G	128.99	Inf	-Inf	122.29	3	Vertical	0	1.80	-	33.95	6.21	33.46
AV	5.739G	117.66	Inf	-Inf	110.95	3	Vertical	0	1.80	-	33.96	6.21	33.46
PK	5.932G	68.13	68.20	-0.07	60.43	3	Vertical	0	1.80	-	34.89	6.32	33.51

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

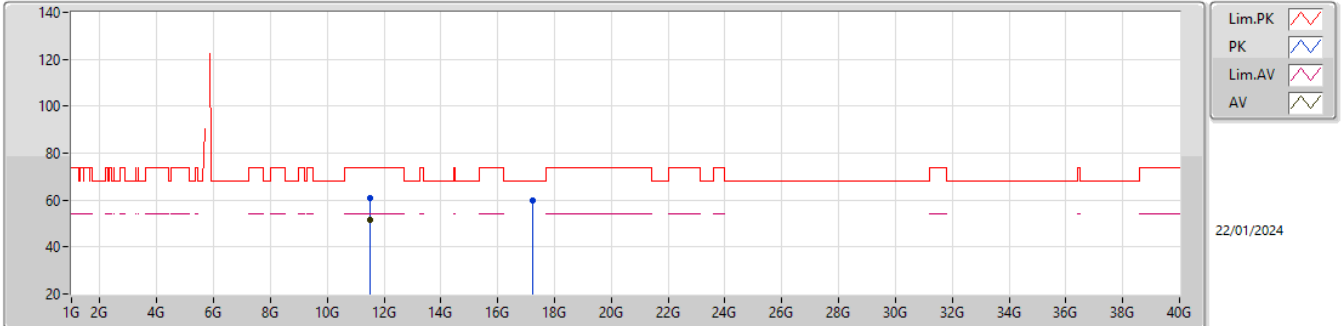


EUT_Y_4TX
Setting 25
04-P-E-5-10

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	5.651G	68.75	68.94	-0.19	62.27	3	Horizontal	353	1.72	-	33.70	6.21	33.43
PK	5.743G	129.48	Inf	-Inf	122.76	3	Horizontal	353	1.72	-	33.97	6.21	33.46
AV	5.7435G	117.89	Inf	-Inf	111.17	3	Horizontal	353	1.72	-	33.97	6.21	33.46
PK	5.935G	67.89	68.20	-0.31	60.17	3	Horizontal	353	1.72	-	34.91	6.32	33.51

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

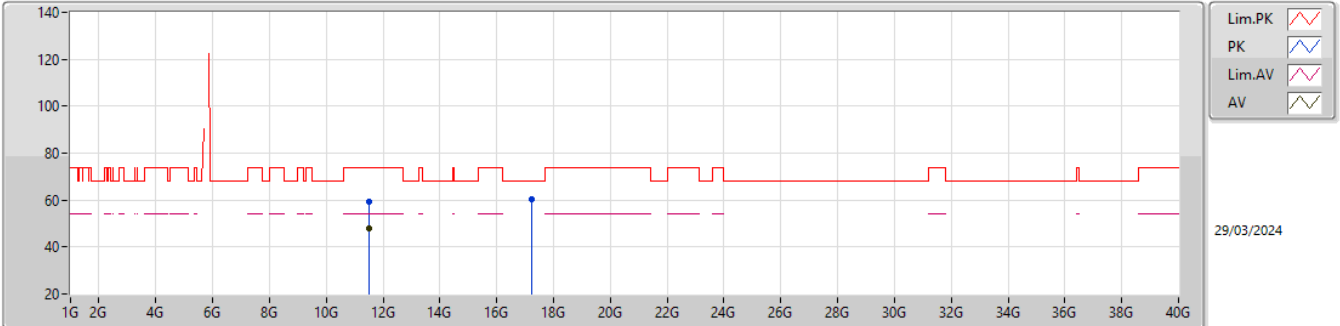


EUT_Y_4TX
Setting 25
06-D-G-4

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	11.48742G	60.98	74.00	-13.02	53.63	3	Vertical	318	1.41	-	40.07	10.57	43.29
AV	11.48996G	51.54	54.00	-2.46	44.19	3	Vertical	318	1.41	-	40.08	10.57	43.30
PK	17.23974G	59.62	68.20	-8.58	47.90	3	Vertical	266	1.65	-	40.52	13.23	42.03

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

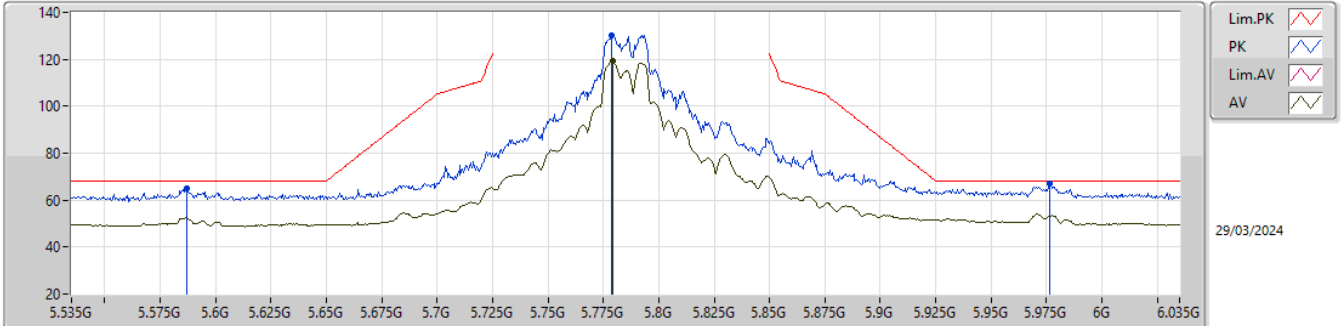


EUT_Y_4TX
Setting 25
06-D-G-4

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	11.49G	59.15	74.00	-14.85	51.80	3	Horizontal	352	1.80	-	40.08	10.57	43.30
AV	11.48994G	48.12	54.00	-5.88	40.77	3	Horizontal	352	1.80	-	40.08	10.57	43.30
PK	17.23704G	60.53	68.20	-7.67	48.80	3	Horizontal	297	1.80	-	40.53	13.23	42.03

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

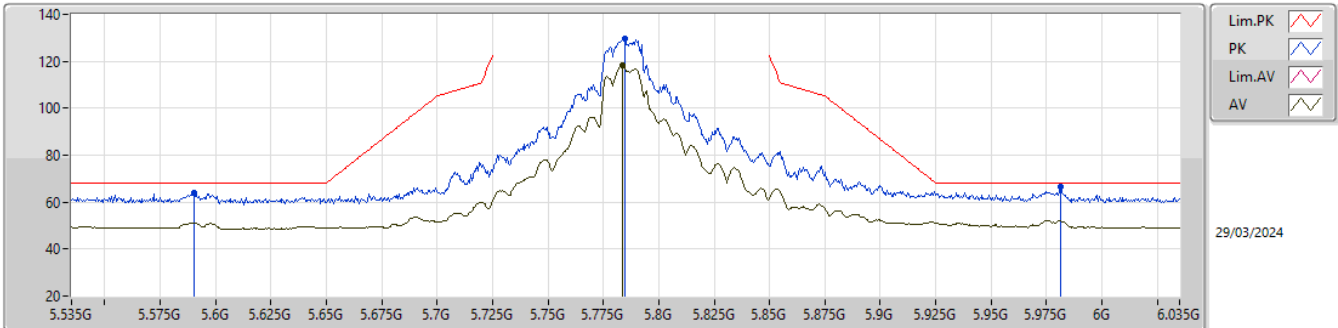


EUT_Y_4TX
 Setting 31.5
 02-C-V-1-10

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	5.587G	64.80	68.20	-3.40	56.21	3	Vertical	357	1.76	-	34.03	5.56	31.00
PK	5.7785G	130.37	Inf	-Inf	121.84	3	Vertical	357	1.76	-	34.00	5.62	31.09
AV	5.779G	119.10	Inf	-Inf	110.57	3	Vertical	357	1.76	-	34.00	5.62	31.09
PK	5.9765G	67.19	68.20	-1.01	58.25	3	Vertical	357	1.76	-	34.30	5.82	31.18

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

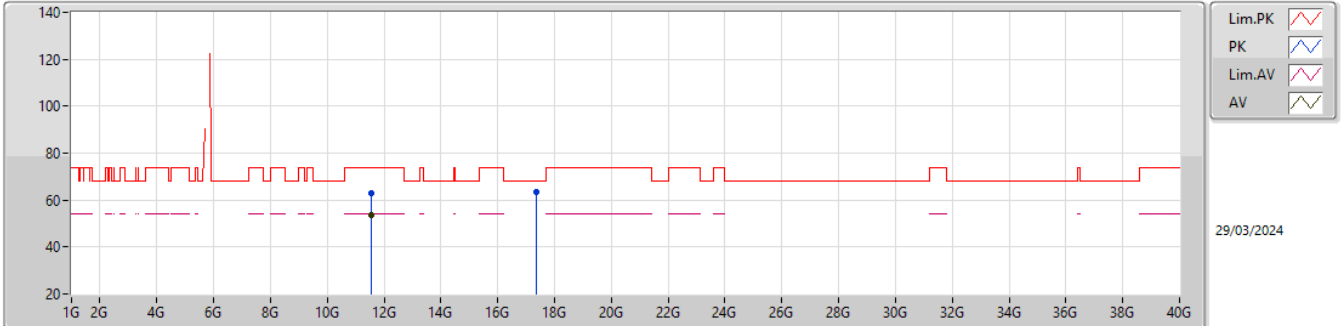


EUT_Y_4TX
 Setting 31.5
 02-C-V-1-10

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	5.5905G	63.88	68.20	-4.32	55.30	3	Horizontal	350	2.04	-	34.02	5.56	31.00
PK	5.7845G	129.44	Inf	-Inf	120.90	3	Horizontal	350	2.04	-	34.00	5.63	31.09
AV	5.7835G	118.04	Inf	-Inf	109.50	3	Horizontal	350	2.04	-	34.00	5.63	31.09
PK	5.9815G	66.64	68.20	-1.56	57.69	3	Horizontal	350	2.04	-	34.30	5.83	31.18

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

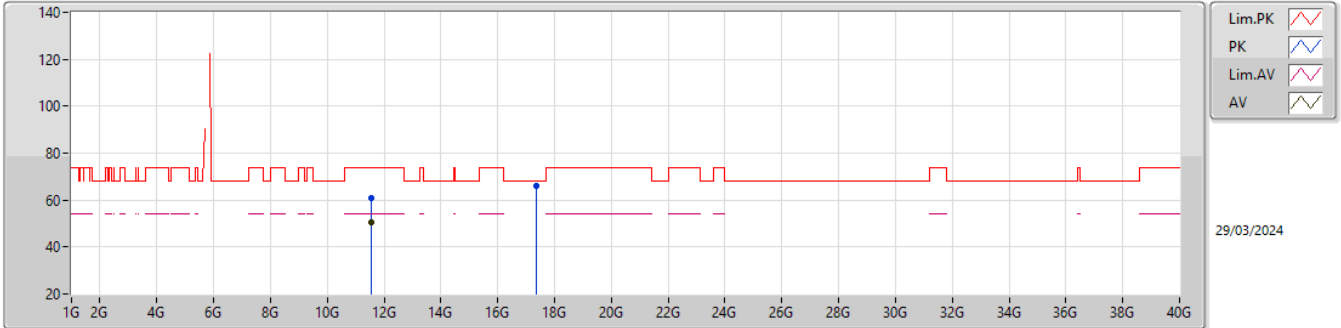


EUT_Y_4TX
 Setting 31.5
 06-D-G-4

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	11.56304G	63.00	74.00	-11.00	55.67	3	Vertical	28	1.80	-	40.02	10.60	43.29
AV	11.56996G	53.79	54.00	-0.21	46.49	3	Vertical	28	1.80	-	39.98	10.61	43.29
PK	17.3547G	63.41	68.20	-4.79	50.77	3	Vertical	340	1.58	-	41.36	13.28	42.00

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

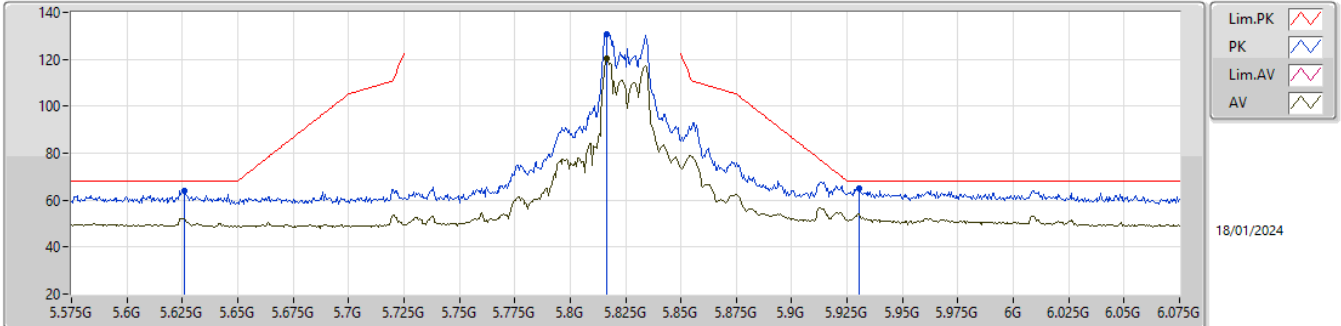


EUT_Y_4TX
 Setting 31.5
 06-D-G-4

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	11.57018G	60.81	74.00	-13.19	53.51	3	Horizontal	350	1.88	-	39.98	10.61	43.29
AV	11.57004G	50.53	54.00	-3.47	43.23	3	Horizontal	350	1.88	-	39.98	10.61	43.29
PK	17.35938G	66.28	68.20	-1.92	53.59	3	Horizontal	314	1.6	-	41.41	13.28	42.00

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

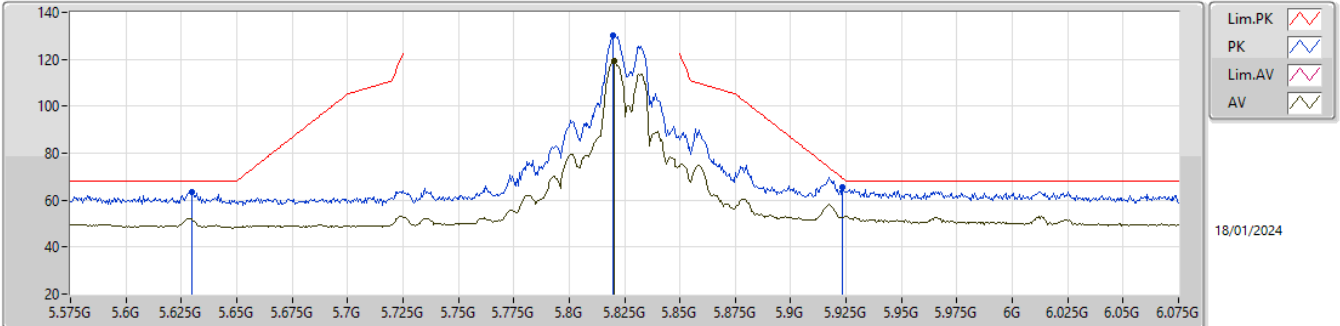


EUT_Y_4TX
Setting 26
04-E-J-8-10

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	5.626G	64.09	68.20	-4.11	57.60	3	Vertical	2	1.50	-	33.70	6.22	33.43
PK	5.8165G	130.55	Inf	-Inf	123.55	3	Vertical	2	1.50	-	34.27	6.21	33.48
AV	5.8165G	120.39	Inf	-Inf	113.39	3	Vertical	2	1.50	-	34.27	6.21	33.48
PK	5.9305G	65.10	68.20	-3.10	57.41	3	Vertical	2	1.50	-	34.88	6.32	33.51

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

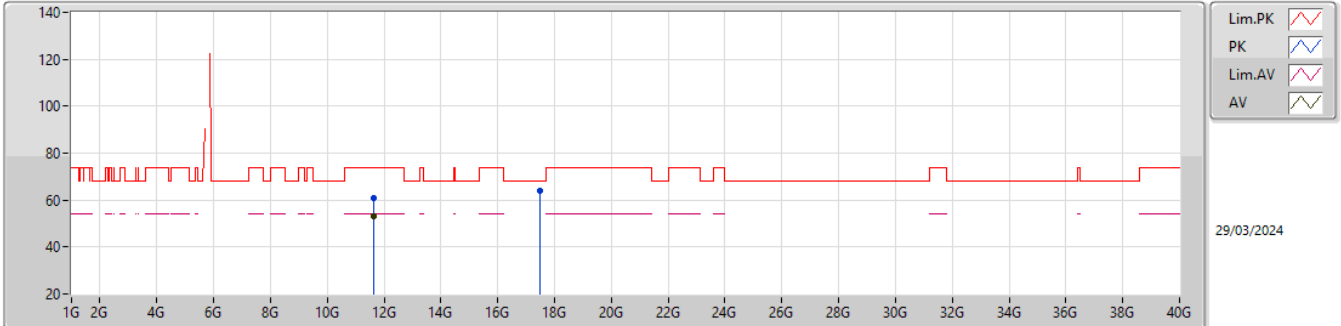


EUT_Y_4TX
Setting 26
04-E-J-8-10

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	5.6295G	63.59	68.20	-4.61	57.10	3	Horizontal	356	1.80	-	33.70	6.22	33.43
PK	5.82G	130.43	Inf	-Inf	123.41	3	Horizontal	356	1.80	-	34.28	6.22	33.48
AV	5.8205G	119.17	Inf	-Inf	112.15	3	Horizontal	356	1.80	-	34.28	6.22	33.48
PK	5.9235G	65.59	69.31	-3.72	57.95	3	Horizontal	356	1.80	-	34.84	6.31	33.51

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

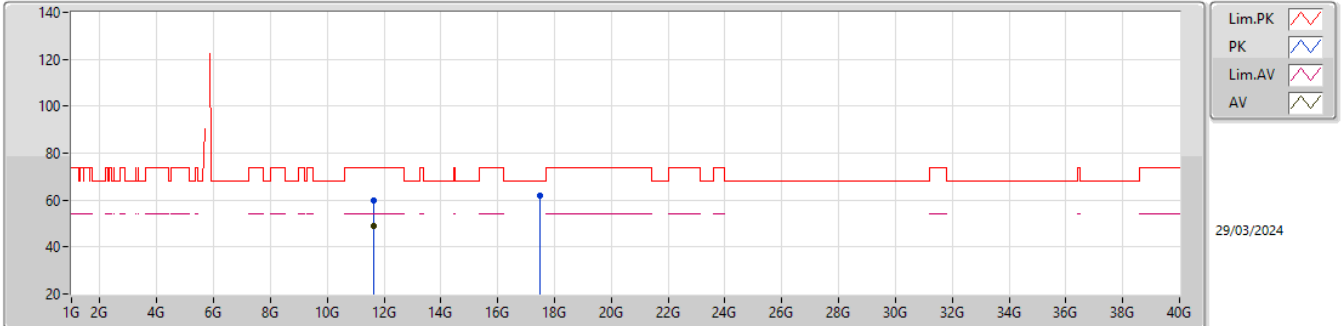


EUT_Y_4TX
Setting 26
06-D-G-4

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	11.64438G	60.72	74.00	-13.28	53.92	3	Vertical	26	1.80	-	39.44	10.64	43.28
AV	11.64998G	53.29	54.00	-0.71	46.53	3	Vertical	26	1.80	-	39.40	10.64	43.28
PK	17.47146G	63.83	68.20	-4.37	50.07	3	Vertical	285	1.23	-	42.41	13.33	41.98

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

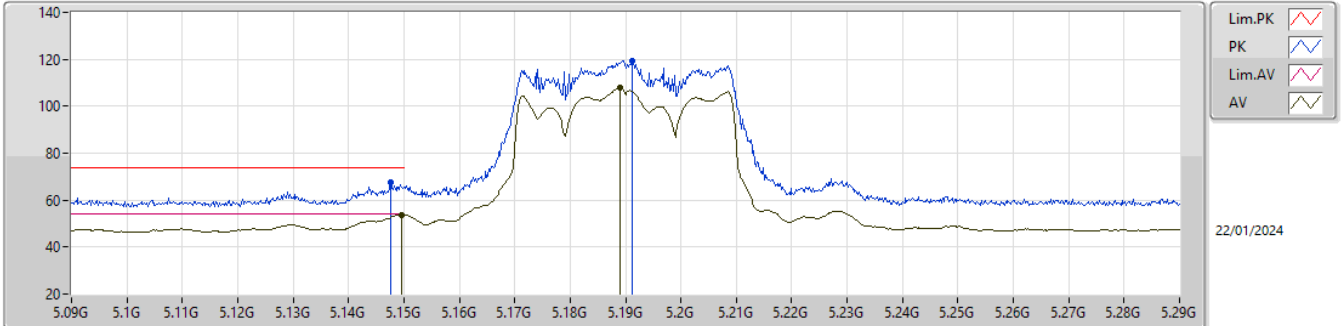


EUT_Y_4TX
Setting 26
06-D-G-4

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	11.65012G	60.04	74.00	-13.96	53.28	3	Horizontal	353	1.80	-	39.40	10.64	43.28
AV	11.64996G	48.82	54.00	-5.18	42.06	3	Horizontal	353	1.80	-	39.40	10.64	43.28
PK	17.47842G	61.98	68.20	-6.22	48.14	3	Horizontal	62	1.62	-	42.48	13.34	41.98

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

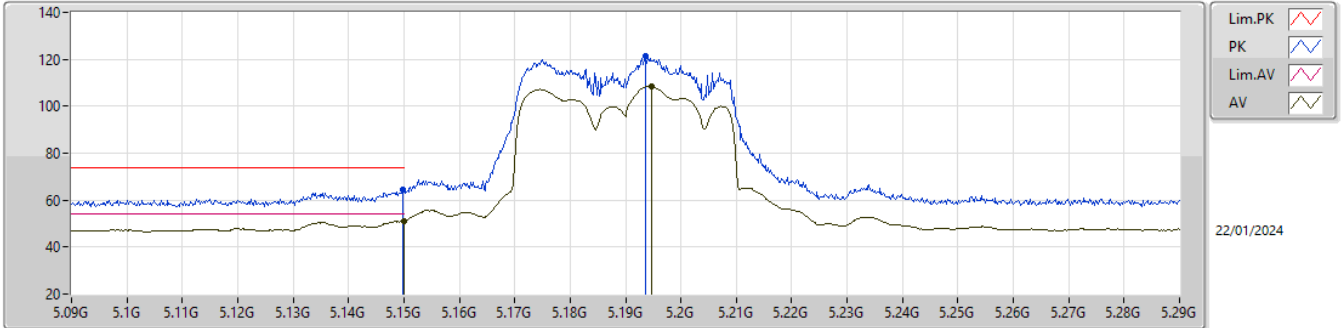


EUT_Y_4TX
Setting 18
04-P-E-5-10

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	5.1476G	67.51	74.00	-6.49	62.27	3	Vertical	11	1.86	-	32.60	5.90	33.26
AV	5.1496G	53.82	54.00	-0.18	48.58	3	Vertical	11	1.86	-	32.60	5.90	33.26
PK	5.1912G	119.51	Inf	-Inf	114.19	3	Vertical	11	1.86	-	32.68	5.92	33.28
AV	5.189G	107.71	Inf	-Inf	102.39	3	Vertical	11	1.86	-	32.68	5.92	33.28

5.15-5.25GHz 802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

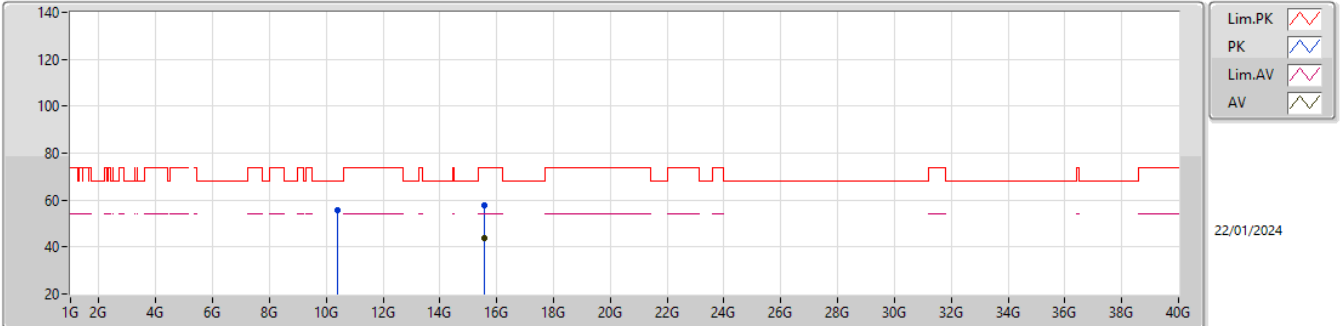


EUT_Y_4TX
Setting 18
04-P-E-5-10

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	5.1498G	64.67	74.00	-9.33	59.43	3	Horizontal	0	1.44	-	32.60	5.90	33.26
AV	5.15G	51.14	54.00	-2.86	45.90	3	Horizontal	0	1.44	-	32.60	5.90	33.26
PK	5.1936G	121.28	Inf	-Inf	115.95	3	Horizontal	0	1.44	-	32.69	5.92	33.28
AV	5.1948G	108.32	Inf	-Inf	102.99	3	Horizontal	0	1.44	-	32.69	5.92	33.28

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

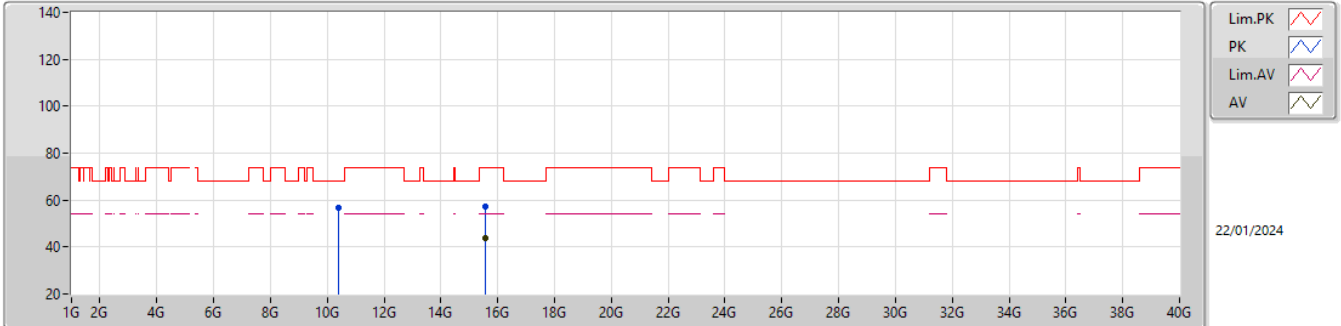


EUT_Y_4TX
Setting 18
06-D-G-4

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	10.38522G	55.57	68.20	-12.63	48.49	3	Vertical	237	1.60	-	40.07	10.04	43.03
PK	15.56572G	57.88	74.00	-16.12	49.14	3	Vertical	332	1.78	-	38.81	12.46	42.53
AV	15.5627G	43.94	54.00	-10.06	35.20	3	Vertical	332	1.78	-	38.82	12.46	42.54

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

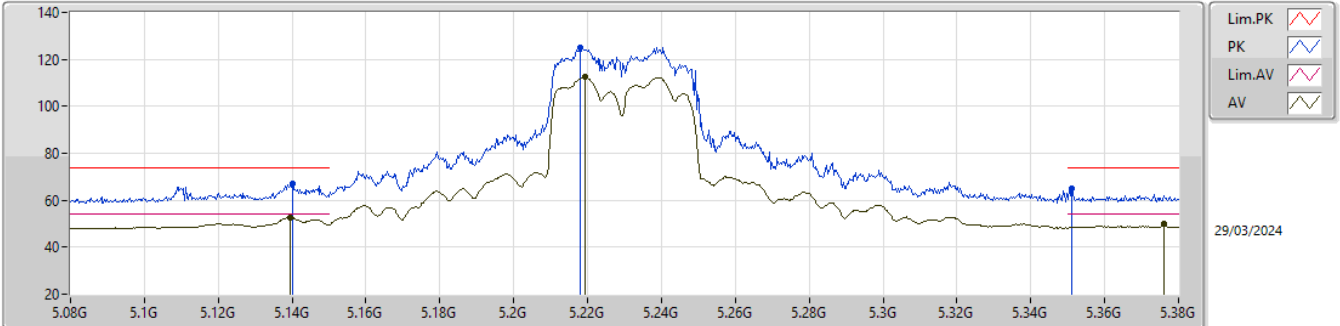


EUT_Y_4TX
Setting 18
06-D-G-4

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	10.38022G	56.48	68.20	-11.72	49.41	3	Horizontal	359	1.44	-	40.06	10.04	43.03
PK	15.56316G	57.35	74.00	-16.65	48.61	3	Horizontal	77	1.91	-	38.82	12.46	42.54
AV	15.5623G	43.88	54.00	-10.12	35.13	3	Horizontal	77	1.91	-	38.83	12.46	42.54

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

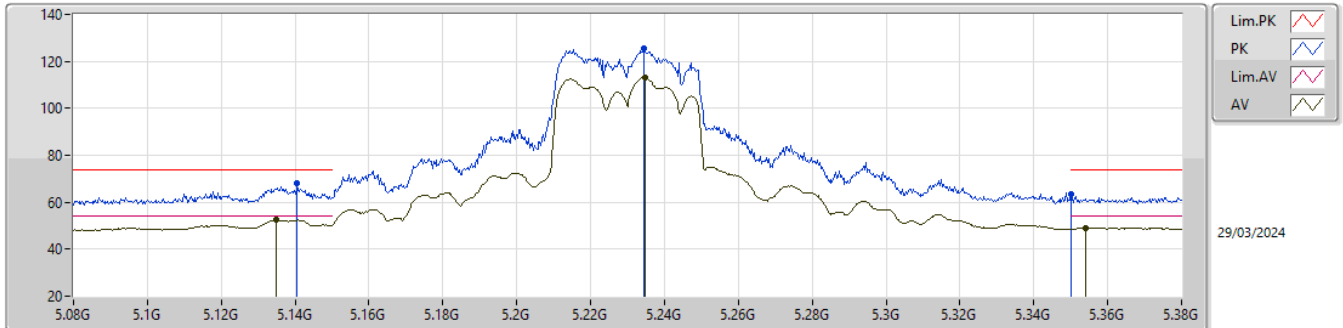


EUT_Y_4TX
 Setting 23.5
 02-C-V-1-10

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	5.14G	67.31	74.00	-6.69	59.10	3	Vertical	346	1.58	-	33.58	5.30	30.67
AV	5.1394G	52.73	54.00	-1.27	44.52	3	Vertical	346	1.58	-	33.58	5.30	30.67
PK	5.218G	125.25	Inf	-Inf	116.81	3	Vertical	346	1.58	-	33.80	5.37	30.73
AV	5.2192G	112.39	Inf	-Inf	103.96	3	Vertical	346	1.58	-	33.80	5.37	30.74
PK	5.3512G	65.13	74.00	-8.87	56.57	3	Vertical	346	1.58	-	34.00	5.40	30.84
AV	5.3761G	50.10	54.00	-3.90	41.55	3	Vertical	346	1.58	-	34.00	5.41	30.86

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

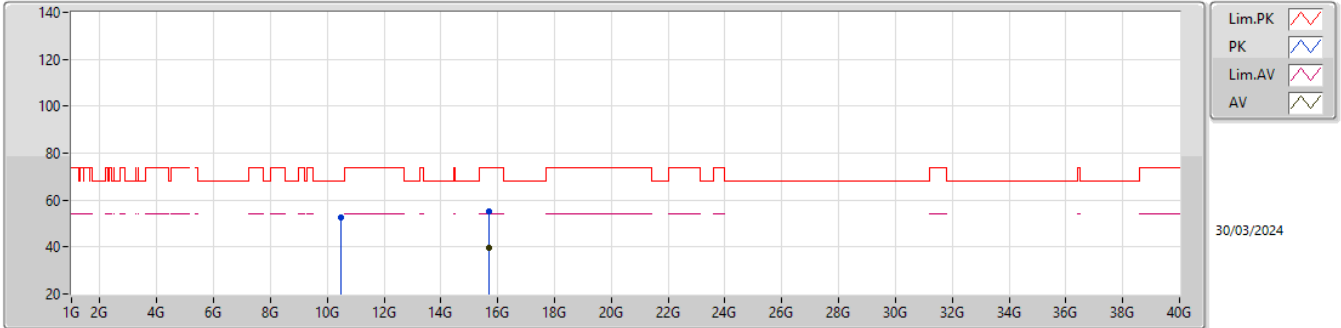


EUT_Y_4TX
Setting 23.5
02-C-V-1-10

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	5.1406G	68.24	74.00	-5.76	60.03	3	Horizontal	0	1.48	-	33.58	5.30	30.67
AV	5.1349G	52.61	54.00	-1.39	44.41	3	Horizontal	0	1.48	-	33.57	5.30	30.67
PK	5.2345G	125.67	Inf	-Inf	117.24	3	Horizontal	0	1.48	-	33.80	5.38	30.75
AV	5.2348G	112.91	Inf	-Inf	104.48	3	Horizontal	0	1.48	-	33.80	5.38	30.75
PK	5.35G	63.30	74.00	-10.70	54.74	3	Horizontal	0	1.48	-	34.00	5.40	30.84
AV	5.3539G	49.16	54.00	-4.84	40.60	3	Horizontal	0	1.48	-	34.00	5.40	30.84

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

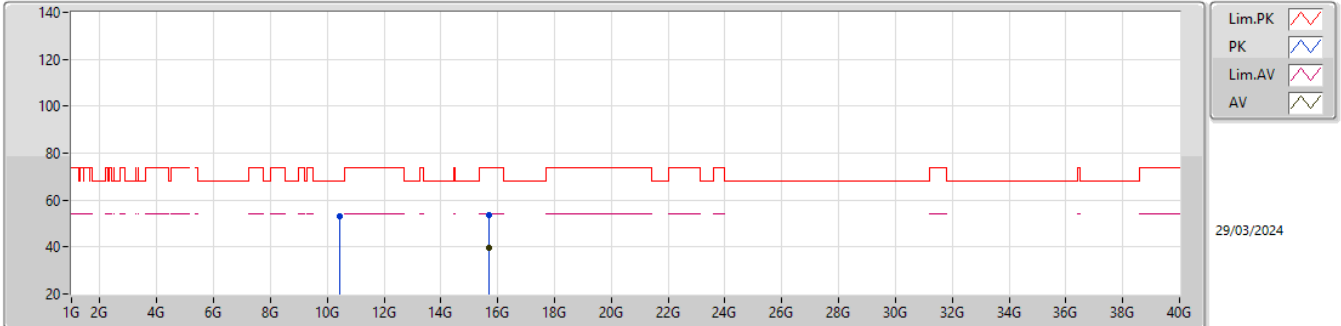


EUT_Y_4TX
 Setting 23.5
 02-C-V-1

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	10.4642G	52.69	68.20	-15.51	49.11	3	Vertical	14	3.00	-	38.40	8.22	43.04
PK	15.7128G	55.15	74.00	-18.85	49.57	3	Vertical	0	1.80	-	37.75	10.19	42.36
AV	15.6754G	39.87	54.00	-14.13	34.35	3	Vertical	0	1.80	-	37.75	10.18	42.41

5.15-5.25GHz_802.11ax_HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

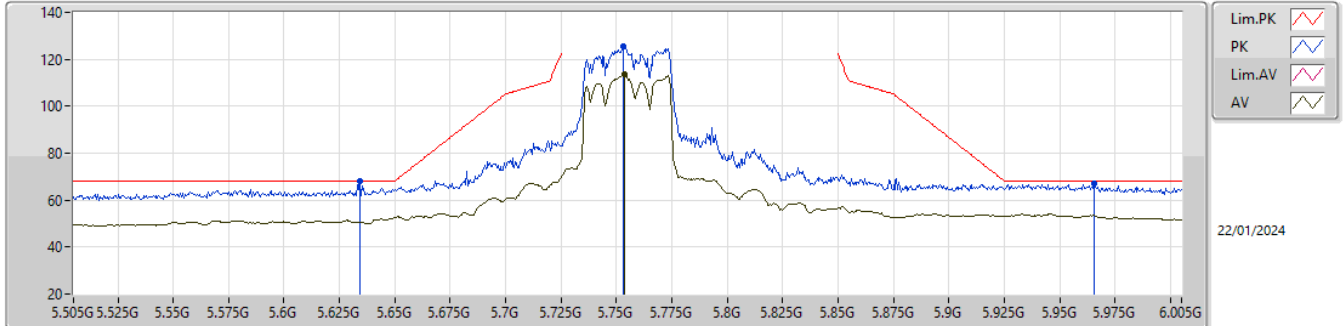


EUT_Y_4TX
 Setting 23.5
 02-C-V-1

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	10.45999G	53.17	68.20	-15.03	49.59	3	Horizontal	4	1.84	-	38.40	8.22	43.04
PK	15.68876G	53.59	74.00	-20.41	48.01	3	Horizontal	229	1.80	-	37.78	10.19	42.39
AV	15.68868G	39.62	54.00	-14.38	34.04	3	Horizontal	229	1.80	-	37.78	10.19	42.39

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

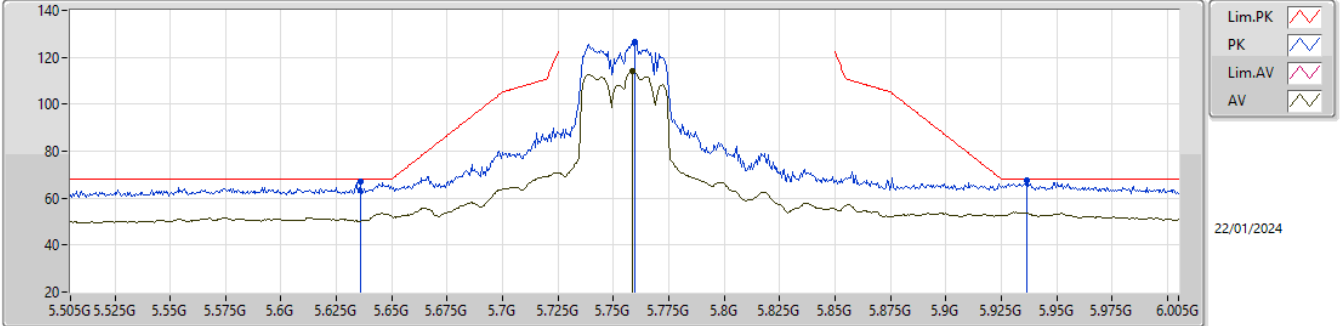


EUT_Y_4TX
Setting 23.5
04-P-E-5-10

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	5.6345G	68.09	68.20	-0.11	61.60	3	Vertical	5	1.62	-	33.70	6.22	33.43
PK	5.753G	125.47	Inf	-Inf	118.72	3	Vertical	5	1.62	-	34.01	6.20	33.46
AV	5.7535G	113.61	Inf	-Inf	106.86	3	Vertical	5	1.62	-	34.01	6.20	33.46
PK	5.9655G	67.32	68.20	-0.88	59.49	3	Vertical	5	1.62	-	35.00	6.35	33.52

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

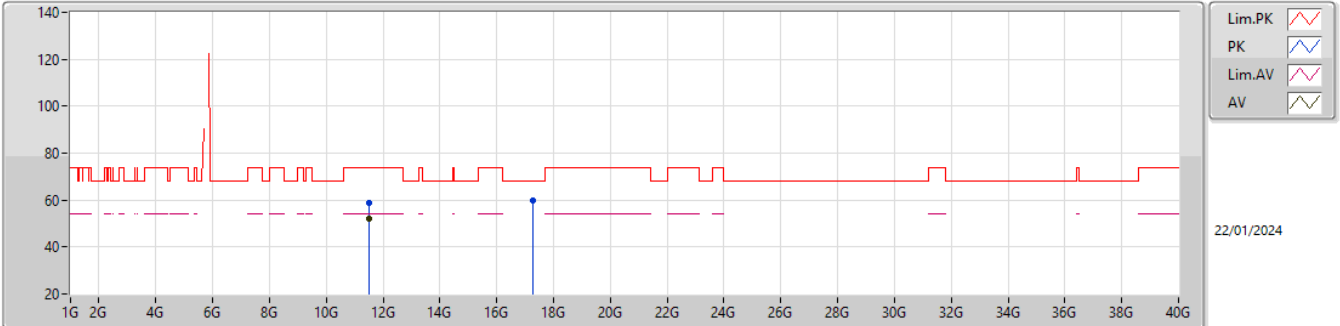


EUT_Y_4TX
Setting 23.5
04-P-E-5-10

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	5.636G	66.86	68.20	-1.34	60.37	3	Horizontal	0	1.85	-	33.70	6.22	33.43
PK	5.7595G	126.43	Inf	-Inf	119.65	3	Horizontal	0	1.85	-	34.04	6.20	33.46
AV	5.7585G	114.04	Inf	-Inf	107.27	3	Horizontal	0	1.85	-	34.03	6.20	33.46
PK	5.9365G	67.37	68.20	-0.83	59.64	3	Horizontal	0	1.85	-	34.92	6.32	33.51

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

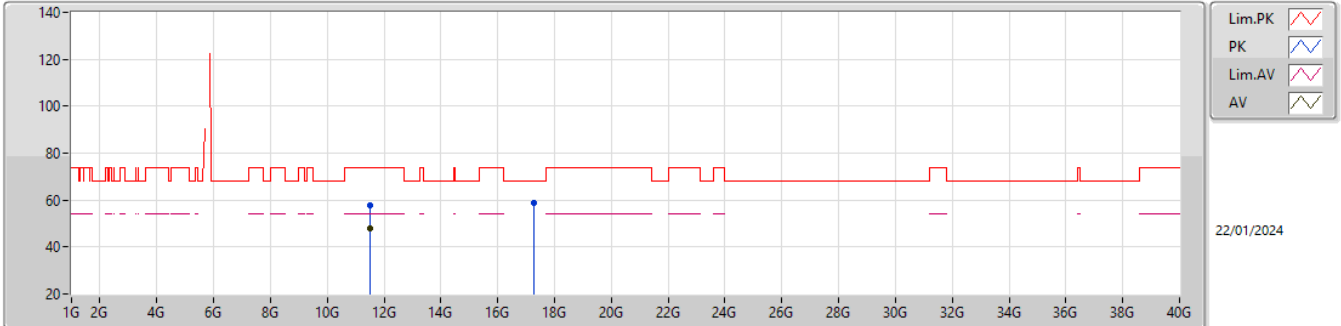


EUT_Y_4TX
 Setting 23.5
 06-D-G-4

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	11.50613G	58.60	74.00	-15.40	51.22	3	Vertical	328	1.38	-	40.10	10.58	43.30
AV	11.50997G	52.05	54.00	-1.95	44.67	3	Vertical	328	1.38	-	40.10	10.58	43.30
PK	17.25483G	60.01	68.20	-8.19	48.28	3	Vertical	224	2.37	-	40.53	13.23	42.03

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

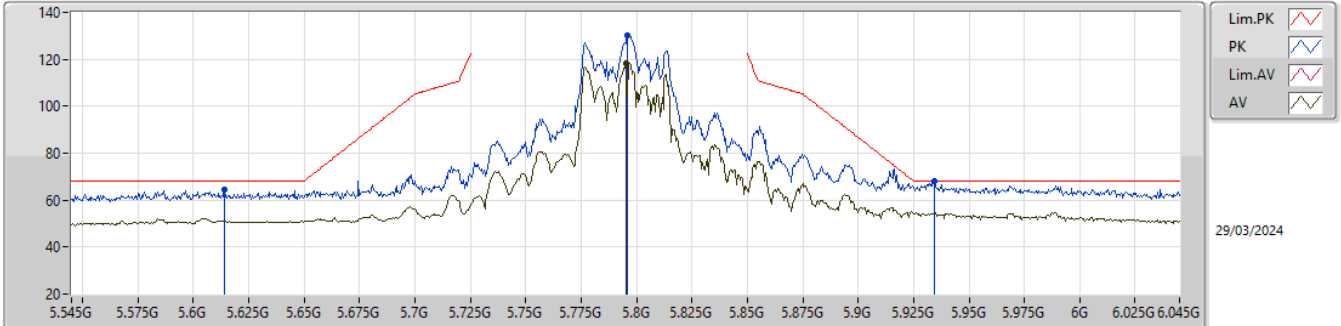


EUT_Y_4TX
 Setting 23.5
 06-D-G-4

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	11.51G	57.71	74.00	-16.29	50.33	3	Horizontal	351	1.91	-	40.10	10.58	43.30
AV	11.50997G	48.16	54.00	-5.84	40.78	3	Horizontal	351	1.91	-	40.10	10.58	43.30
PK	17.25603G	58.75	68.20	-9.45	47.00	3	Horizontal	59	2.64	-	40.54	13.24	42.03

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

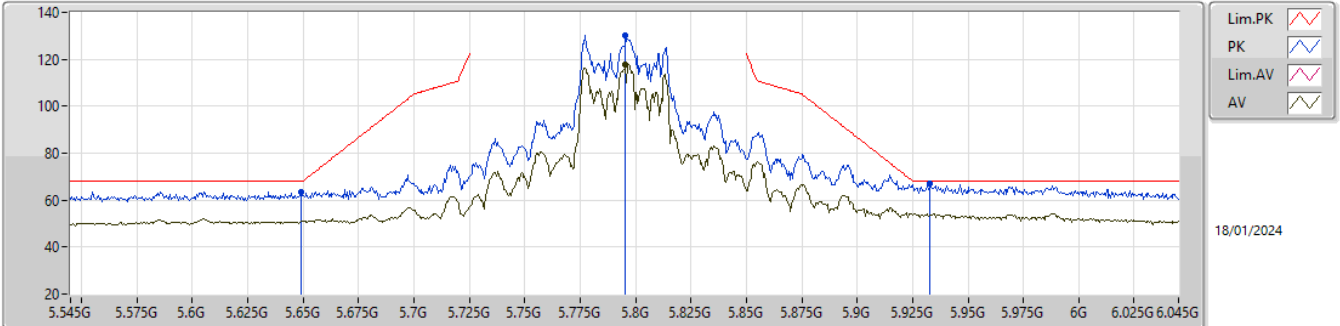


EUT_Y_4TX
 Setting 25.5
 04-E-J-8-10

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	5.614G	64.51	68.20	-3.69	58.01	3	Vertical	0	1.80	-	33.70	6.22	33.42
PK	5.796G	130.19	Inf	-Inf	123.28	3	Vertical	0	1.80	-	34.18	6.20	33.47
AV	5.7955G	118.02	Inf	-Inf	111.11	3	Vertical	0	1.80	-	34.18	6.20	33.47
PK	5.9345G	68.06	68.20	-0.14	60.34	3	Vertical	0	1.80	-	34.91	6.32	33.51

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

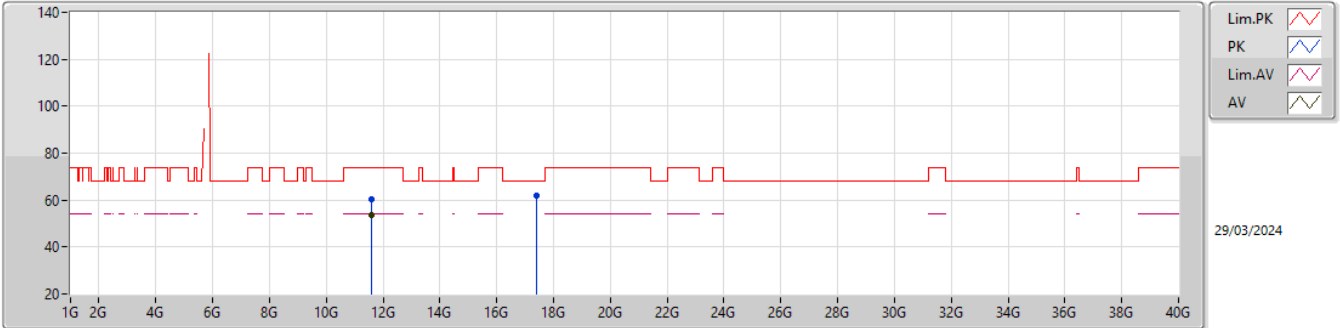


EUT_Y_4TX
Setting 25.5
04-E-J-8-10

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	5.649G	63.56	68.20	-4.64	57.07	3	Horizontal	1	1.80	-	33.70	6.22	33.43
PK	5.7955G	130.28	Inf	-Inf	123.37	3	Horizontal	1	1.80	-	34.18	6.20	33.47
AV	5.7955G	117.81	Inf	-Inf	110.90	3	Horizontal	1	1.80	-	34.18	6.20	33.47
PK	5.933G	67.23	68.20	-0.97	59.52	3	Horizontal	1	1.80	-	34.90	6.32	33.51

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

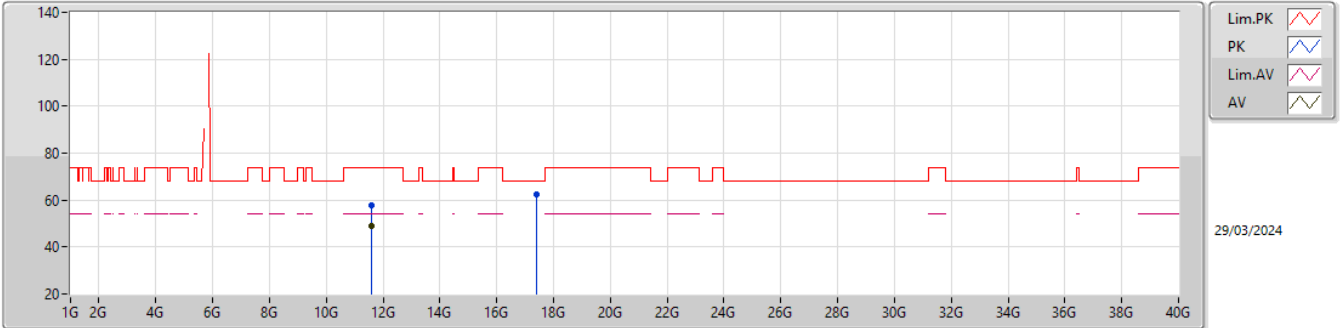


EUT_Y_4TX
Setting 24
06-D-G-4

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	11.58997G	60.14	74.00	-13.86	52.95	3	Vertical	27	1.80	-	39.86	10.62	43.29
AV	11.58997G	53.78	54.00	-0.22	46.59	3	Vertical	27	1.80	-	39.86	10.62	43.29
PK	17.38524G	62.09	68.20	-6.11	49.08	3	Vertical	359	1.31	-	41.72	13.29	42.00

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

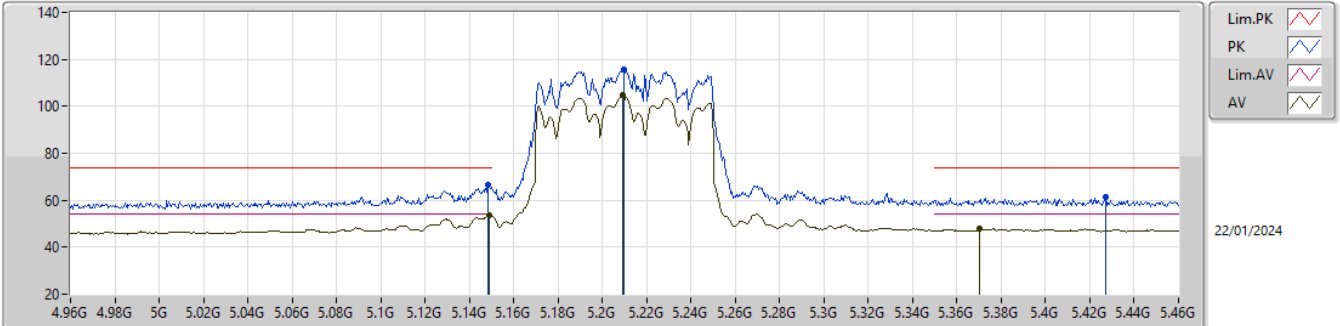


EUT_Y_4TX
Setting 24
06-D-G-4

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	11.58991G	57.86	74.00	-16.14	50.67	3	Horizontal	323	1.78	-	39.86	10.62	43.29
AV	11.58997G	49.05	54.00	-4.95	41.86	3	Horizontal	323	1.78	-	39.86	10.62	43.29
PK	17.3982G	62.28	68.20	-5.92	49.09	3	Horizontal	256	2.21	-	41.88	13.30	41.99

5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

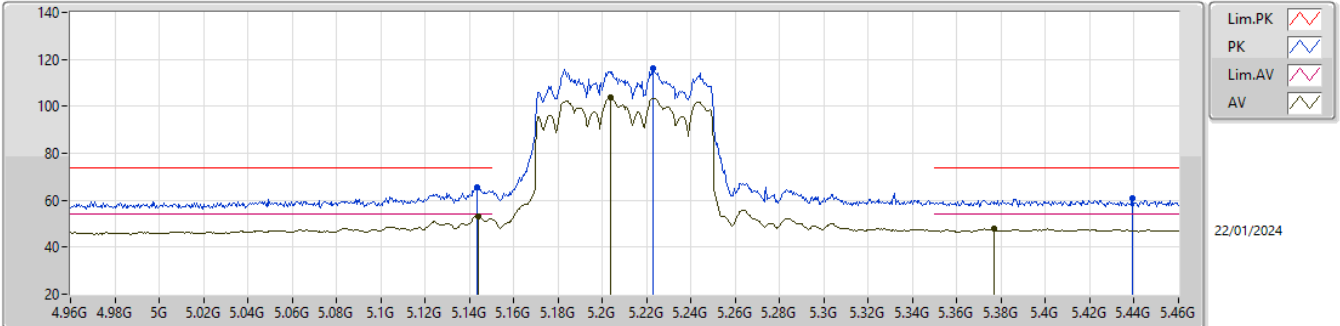


EUT_Y_4TX
 Setting 17.5
 04-P-E-5-10

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	5.1485G	66.50	74.00	-7.50	61.26	3	Vertical	10	1.78	-	32.60	5.90	33.26
AV	5.149G	53.78	54.00	-0.22	48.54	3	Vertical	10	1.78	-	32.60	5.90	33.26
PK	5.2095G	115.70	Inf	-Inf	110.36	3	Vertical	10	1.78	-	32.70	5.93	33.29
AV	5.209G	104.59	Inf	-Inf	99.25	3	Vertical	10	1.78	-	32.70	5.93	33.29
PK	5.427G	61.13	74.00	-12.87	55.15	3	Vertical	10	1.78	-	33.21	6.13	33.36
AV	5.37G	47.79	54.00	-6.21	42.06	3	Vertical	10	1.78	-	32.98	6.09	33.34

5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

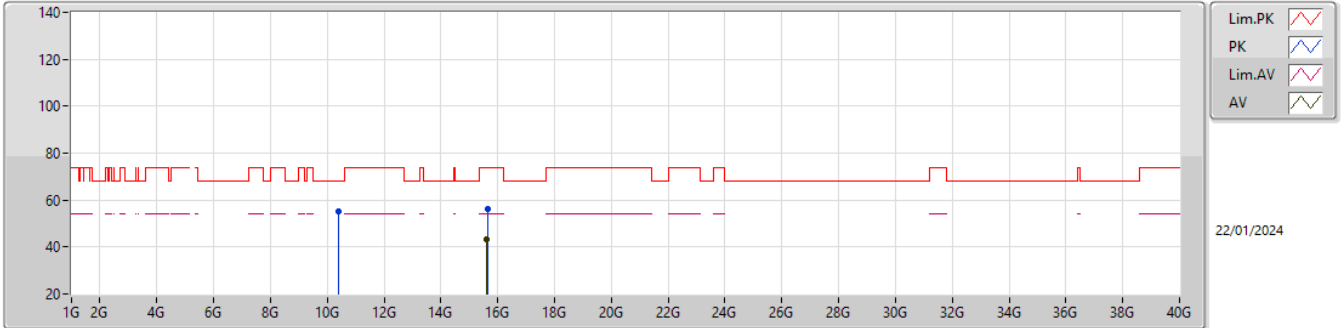


EUT_Y_4TX
 Setting 17.5
 04-P-E-5-10

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	5.1435G	65.36	74.00	-8.64	60.14	3	Horizontal	32	1.80	-	32.59	5.89	33.26
AV	5.144G	53.27	54.00	-0.73	48.05	3	Horizontal	32	1.80	-	32.59	5.89	33.26
PK	5.223G	116.08	Inf	-Inf	110.73	3	Horizontal	32	1.80	-	32.70	5.94	33.29
AV	5.2035G	103.83	Inf	-Inf	98.49	3	Horizontal	32	1.80	-	32.70	5.92	33.28
PK	5.439G	60.81	74.00	-13.19	54.78	3	Horizontal	32	1.80	-	33.26	6.14	33.37
AV	5.3765G	47.77	54.00	-6.23	42.01	3	Horizontal	32	1.80	-	33.01	6.10	33.35

5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

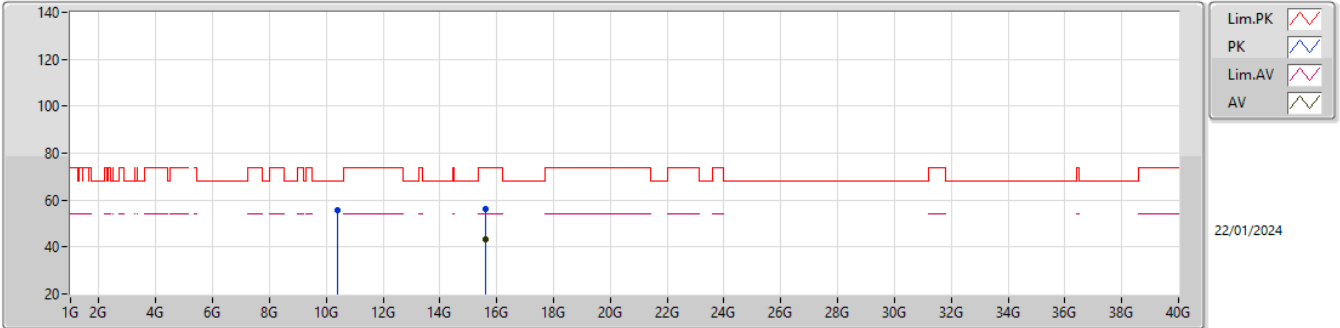


EUT_Y_4TX
 Setting 17.5
 06-D-G-4

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	10.41286G	55.35	68.20	-12.85	48.19	3	Vertical	321	2.69	-	40.13	10.06	43.03
PK	15.6306G	55.97	74.00	-18.03	47.65	3	Vertical	166	1.42	-	38.29	12.49	42.46
AV	15.62328G	43.19	54.00	-10.81	34.80	3	Vertical	166	1.42	-	38.37	12.49	42.47

5.15-5.25GHz_802.11ax_HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

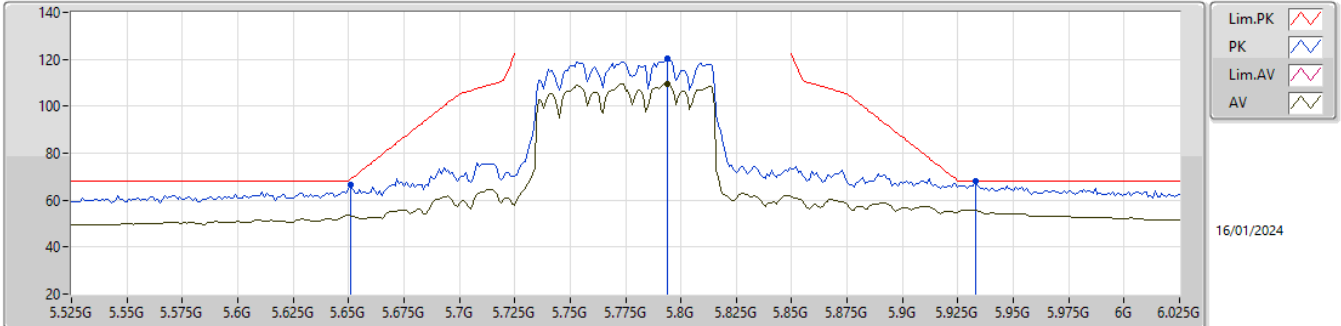


EUT_Y_4TX
Setting 17.5
06-D-G-4

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	10.41649G	55.50	68.20	-12.70	48.34	3	Horizontal	245	2.64	-	40.13	10.06	43.03
PK	15.61716G	56.25	74.00	-17.75	47.80	3	Horizontal	275	2.80	-	38.43	12.49	42.47
AV	15.62598G	43.19	54.00	-10.81	34.82	3	Horizontal	275	2.80	-	38.34	12.49	42.46

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

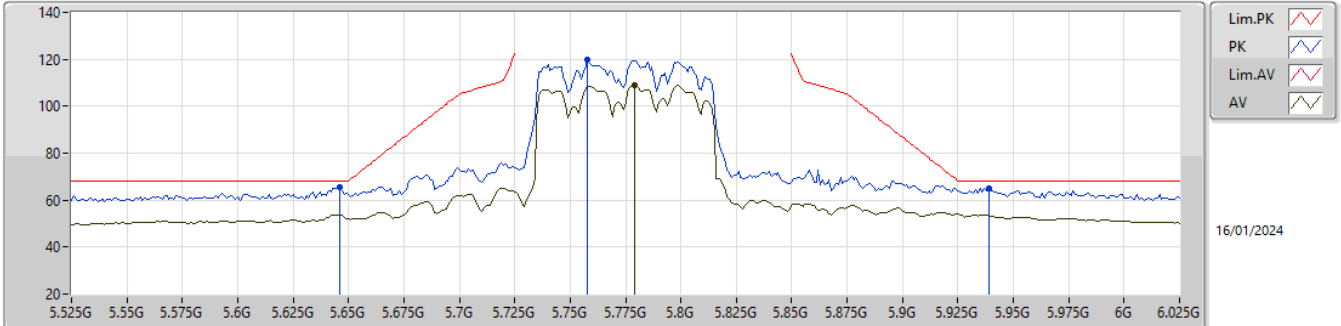


EUT_Y_4TX
Setting 21
01-P-Y-1-10

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	5.651G	66.76	68.94	-2.18	60.30	3	Vertical	4	1.80	-	31.80	7.54	32.88
PK	5.794G	120.36	Inf	-Inf	113.52	3	Vertical	4	1.80	-	32.19	7.58	32.93
AV	5.794G	109.66	Inf	-Inf	102.82	3	Vertical	4	1.80	-	32.19	7.58	32.93
PK	5.933G	67.96	68.20	-0.24	60.89	3	Vertical	4	1.80	-	32.40	7.65	32.98

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

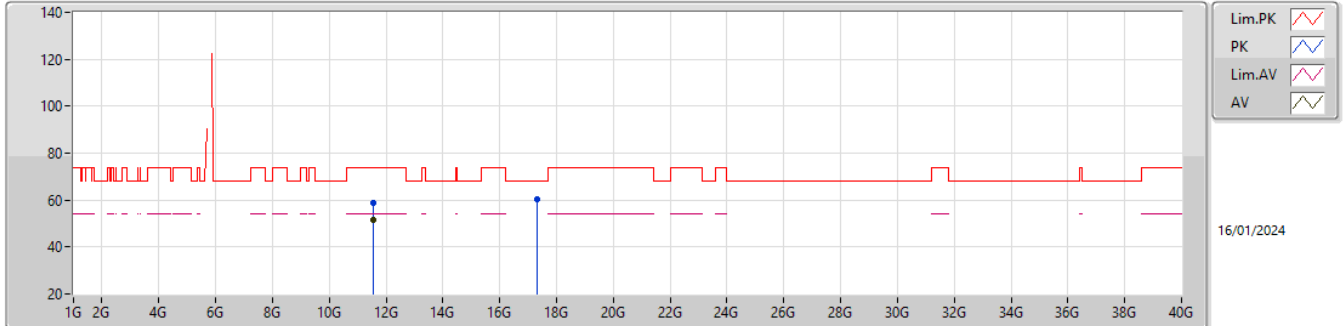


EUT_Y_4TX
Setting 21
01-P-Y-1-10

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	5.646G	65.36	68.20	-2.84	58.92	3	Horizontal	360	1.80	-	31.79	7.53	32.88
PK	5.758G	119.58	Inf	-Inf	112.81	3	Horizontal	360	1.80	-	32.12	7.57	32.92
AV	5.779G	109.01	Inf	-Inf	102.20	3	Horizontal	360	1.80	-	32.16	7.57	32.92
PK	5.939G	65.09	68.20	-3.11	58.02	3	Horizontal	360	1.80	-	32.40	7.65	32.98

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

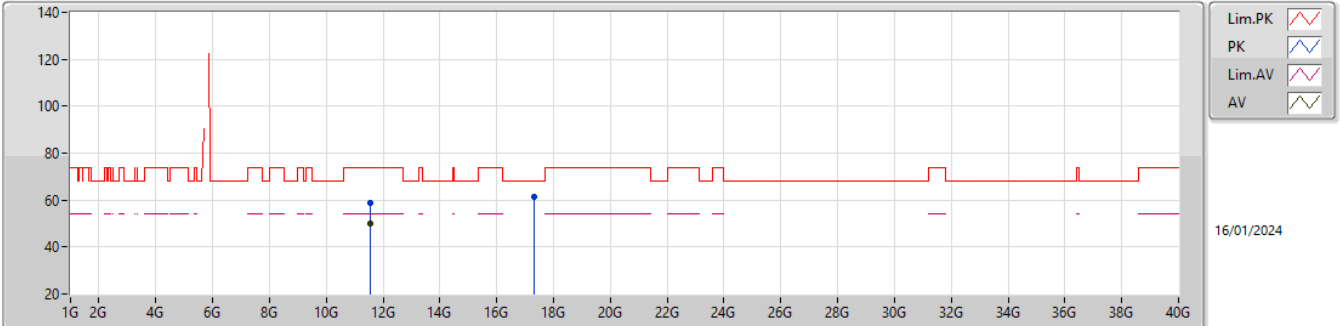


EUT_Y_4TX
Setting 21
06-D-G-4

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	11.54988G	58.90	74.00	-15.10	51.49	3	Vertical	28	1.80	-	40.10	10.60	43.29
AV	11.54996G	51.53	54.00	-2.47	44.12	3	Vertical	28	1.80	-	40.10	10.60	43.29
PK	17.32254G	60.52	68.20	-7.68	48.23	3	Vertical	116	2.46	-	41.03	13.27	42.01

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

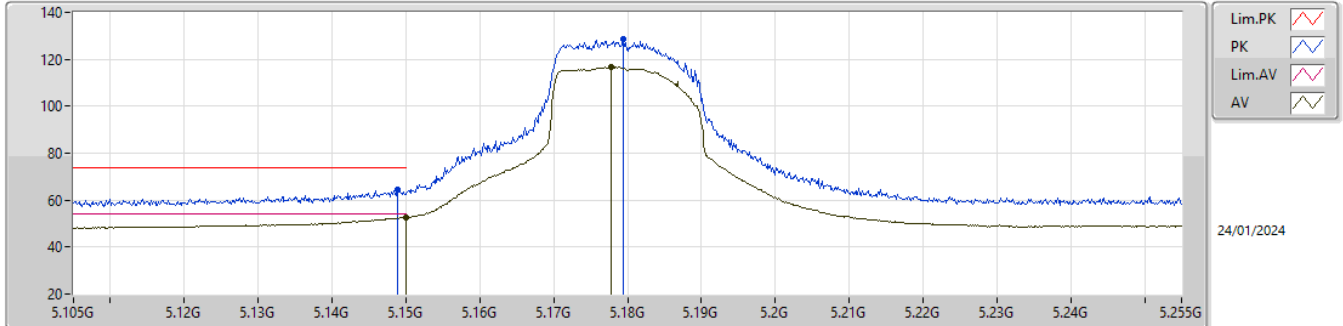


EUT_Y_4TX
Setting 21
06-D-G-4

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	11.55016G	58.88	74.00	-15.12	51.47	3	Horizontal	351	1.87	-	40.10	10.60	43.29
AV	11.55G	49.99	54.00	-4.01	42.58	3	Horizontal	351	1.87	-	40.10	10.60	43.29
PK	17.33476G	61.41	68.20	-6.79	49.00	3	Horizontal	225	2.60	-	41.15	13.27	42.01

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

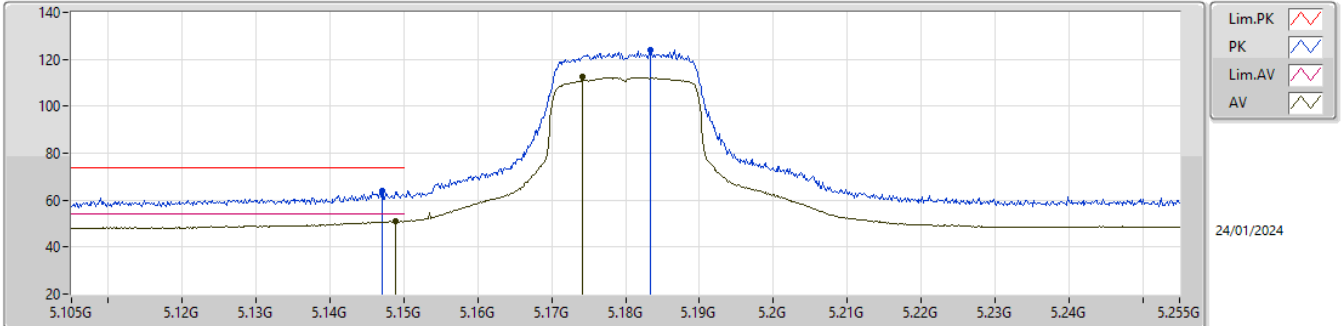


EUT_Y_4TX
Setting 26
04-P-E-5-10

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	5.1488G	64.24	74.00	-9.76	59.00	3	Vertical	8	1.84	-	32.60	5.90	33.26
AV	5.15G	52.72	54.00	-1.28	47.48	3	Vertical	8	1.84	-	32.60	5.90	33.26
PK	5.1794G	128.87	Inf	-Inf	123.57	3	Vertical	8	1.84	-	32.66	5.91	33.27
AV	5.17775G	116.57	Inf	-Inf	111.27	3	Vertical	8	1.84	-	32.66	5.91	33.27

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

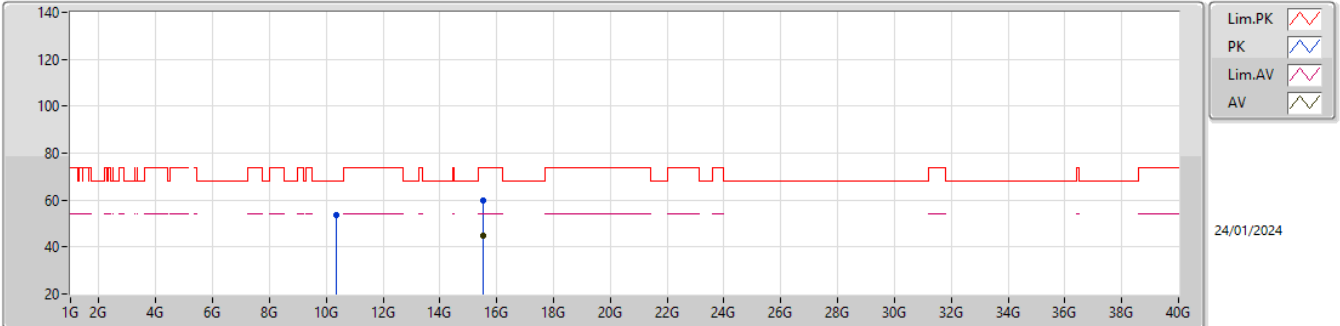


EUT_Y_4TX
Setting 26
04-P-E-5-10

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	5.147G	64.12	74.00	-9.88	58.89	3	Horizontal	31	1.62	-	32.59	5.90	33.26
AV	5.1488G	51.09	54.00	-2.91	45.85	3	Horizontal	31	1.62	-	32.60	5.90	33.26
PK	5.1833G	123.91	Inf	-Inf	118.61	3	Horizontal	31	1.62	-	32.67	5.91	33.28
AV	5.17415G	112.50	Inf	-Inf	107.21	3	Horizontal	31	1.62	-	32.65	5.91	33.27

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

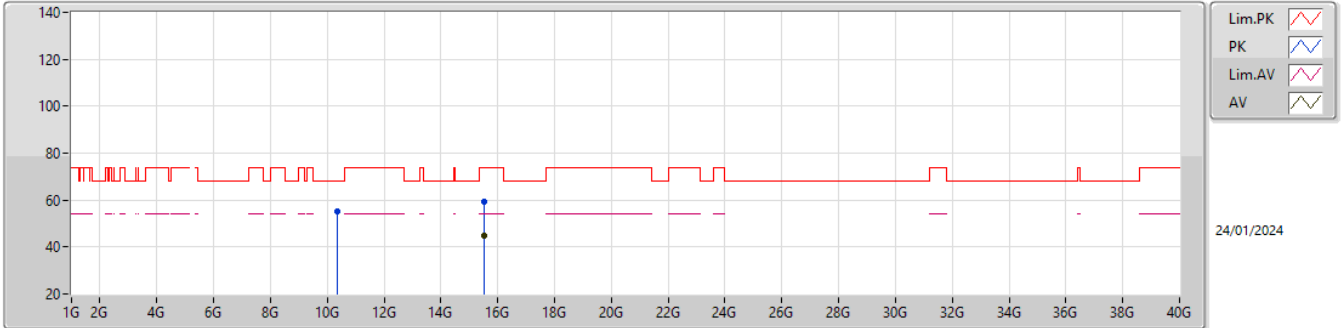


EUT_Y_4TX
Setting 30
04-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36494G	53.66	68.20	-14.54	49.18	3	Vertical	18	1.80	-	38.60	8.90	43.02
PK	15.54092G	60.00	74.00	-14.00	53.03	3	Vertical	337	1.40	-	38.30	11.23	42.56
AV	15.54067G	44.82	54.00	-9.18	37.85	3	Vertical	337	1.40	-	38.30	11.23	42.56

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

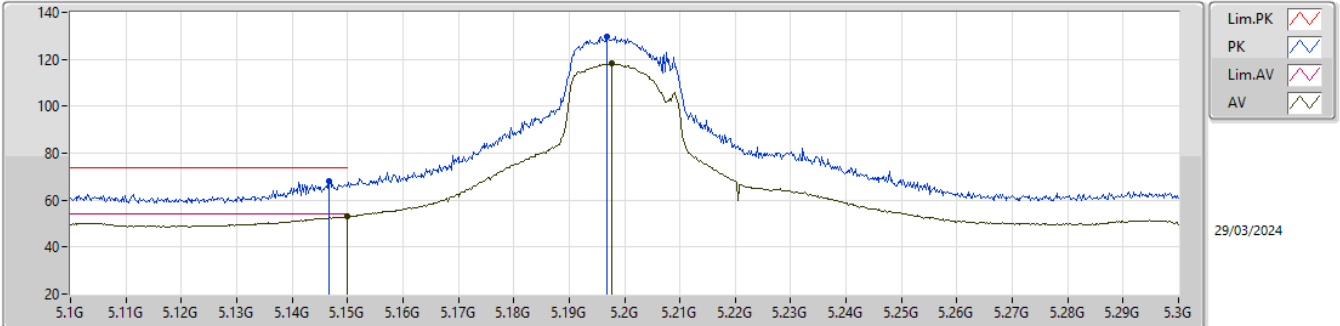


EUT_Y_4TX
Setting 30
04-P-E-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35983G	55.17	68.20	-13.03	50.70	3	Horizontal	355	2.62	-	38.60	8.89	43.02
PK	15.53608G	59.22	74.00	-14.78	52.26	3	Horizontal	23	1.56	-	38.30	11.23	42.57
AV	15.53628G	44.70	54.00	-9.30	37.74	3	Horizontal	23	1.56	-	38.30	11.23	42.57

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

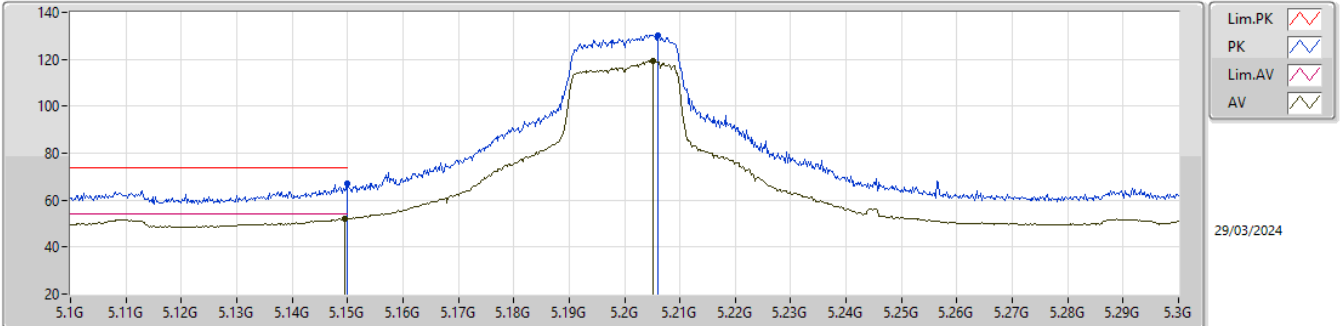


EUT_Y_4TX
 Setting 31.5
 02-C-V-1-10

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	5.1466G	67.93	74.00	-6.07	59.71	3	Vertical	340	1.54	-	33.59	5.31	30.68
AV	5.15G	53.02	54.00	-0.98	44.78	3	Vertical	340	1.54	-	33.60	5.32	30.68
PK	5.1968G	129.86	Inf	-Inf	121.42	3	Vertical	340	1.54	-	33.79	5.37	30.72
AV	5.1976G	118.19	Inf	-Inf	109.75	3	Vertical	340	1.54	-	33.79	5.37	30.72

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

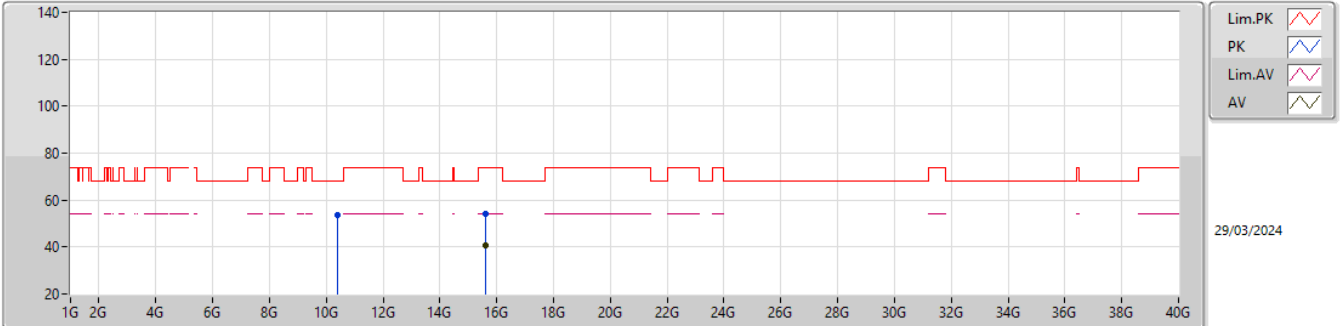


EUT_Y_4TX
 Setting 31.5
 02-C-V-1-10

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	5.15G	66.90	74.00	-7.10	58.66	3	Horizontal	358	1.42	-	33.60	5.32	30.68
AV	5.1494G	52.29	54.00	-1.71	44.06	3	Horizontal	358	1.42	-	33.60	5.31	30.68
PK	5.206G	130.41	Inf	-Inf	121.96	3	Horizontal	358	1.42	-	33.80	5.37	30.72
AV	5.2052G	119.39	Inf	-Inf	110.94	3	Horizontal	358	1.42	-	33.80	5.37	30.72

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

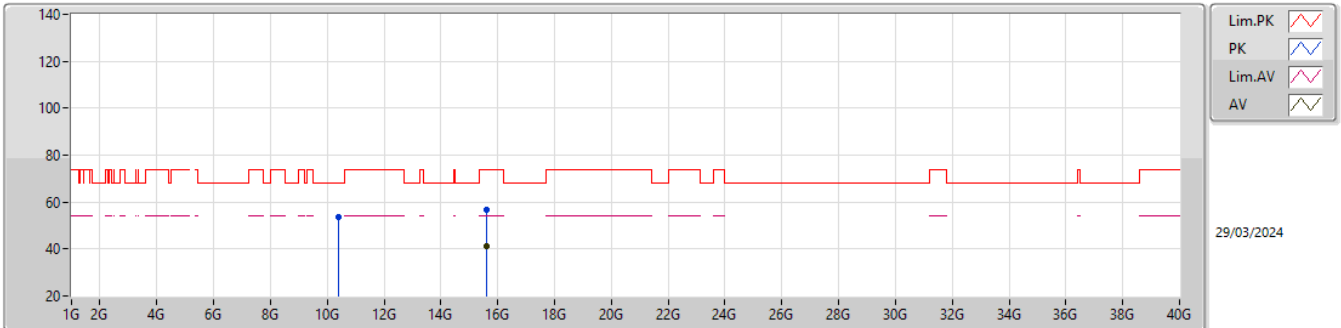


EUT_Y_4TX
Setting 31.5
02-C-V-1

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	10.40001G	53.48	68.20	-14.72	49.91	3	Vertical	314	2.82	-	38.40	8.20	43.03
PK	15.60027G	54.28	74.00	-19.72	48.91	3	Vertical	327	1.79	-	37.70	10.16	42.49
AV	15.60168G	40.60	54.00	-13.40	35.23	3	Vertical	327	1.79	-	37.70	10.16	42.49

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

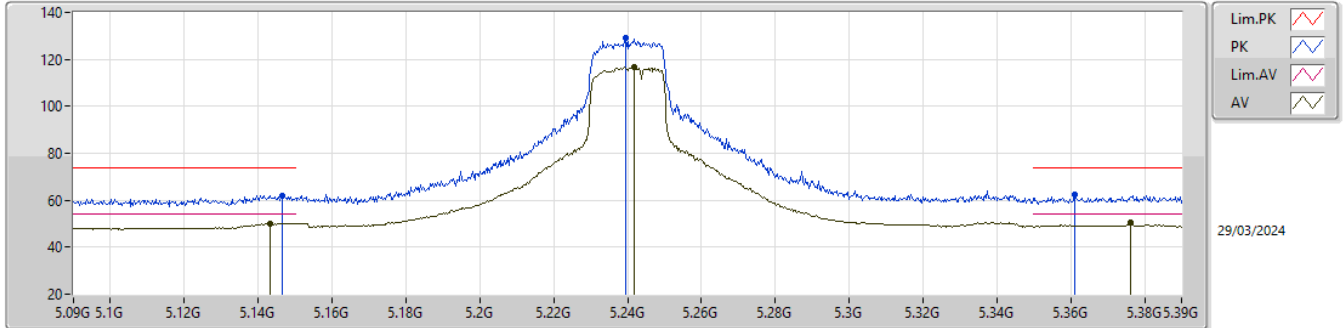


EUT_Y_4TX
 Setting 31.5
 02-C-V-1

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	10.4G	53.54	68.20	-14.66	49.97	3	Horizontal	4	1.80	-	38.40	8.20	43.03
PK	15.59837G	56.76	74.00	-17.24	51.40	3	Horizontal	25	2.30	-	37.70	10.16	42.50
AV	15.6002G	41.28	54.00	-12.72	35.91	3	Horizontal	25	2.30	-	37.70	10.16	42.49

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

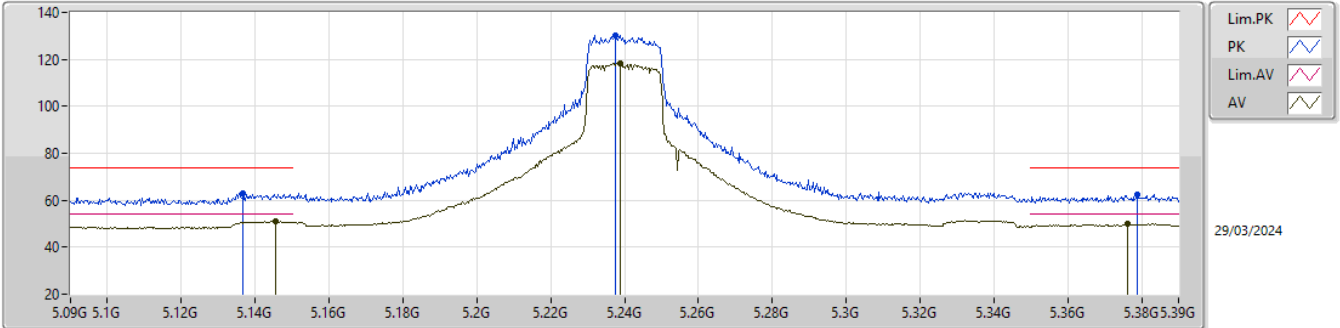


EUT_Y_4TX
Setting 31.5
02-C-V-1-10

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	5.1464G	62.10	74.00	-11.90	53.88	3	Vertical	17	1.45	-	33.59	5.31	30.68
AV	5.1431G	50.08	54.00	-3.92	41.85	3	Vertical	17	1.45	-	33.59	5.31	30.67
PK	5.2394G	128.92	Inf	-Inf	120.49	3	Vertical	17	1.45	-	33.80	5.38	30.75
AV	5.2418G	116.77	Inf	-Inf	108.34	3	Vertical	17	1.45	-	33.80	5.38	30.75
PK	5.3612G	62.42	74.00	-11.58	53.87	3	Vertical	17	1.45	-	34.00	5.40	30.85
AV	5.3762G	50.39	54.00	-3.61	41.84	3	Vertical	17	1.45	-	34.00	5.41	30.86

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

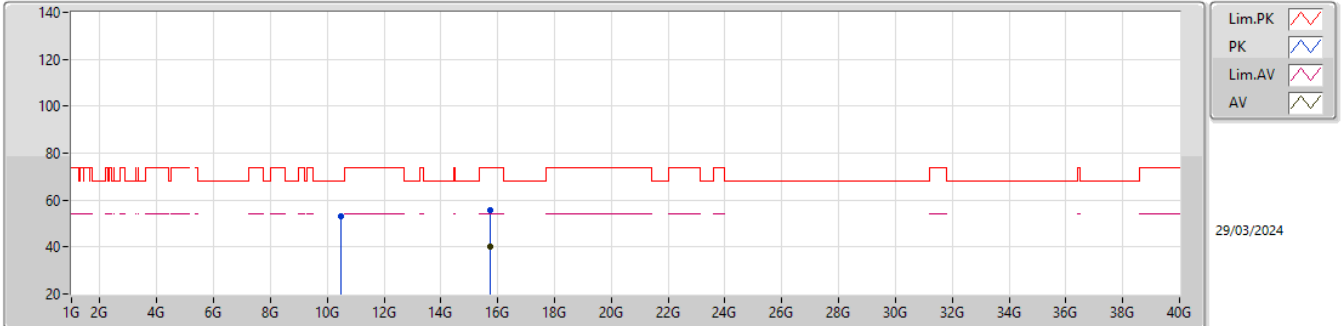


EUT_Y_4TX
 Setting 31.5
 02-C-V-1-10

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	5.1368G	62.77	74.00	-11.23	54.57	3	Horizontal	360	1.63	-	33.57	5.30	30.67
AV	5.1455G	51.01	54.00	-2.99	42.79	3	Horizontal	360	1.63	-	33.59	5.31	30.68
PK	5.2376G	130.26	Inf	-Inf	121.83	3	Horizontal	360	1.63	-	33.80	5.38	30.75
AV	5.2388G	118.09	Inf	-Inf	109.66	3	Horizontal	360	1.63	-	33.80	5.38	30.75
PK	5.3789G	62.42	74.00	-11.58	53.87	3	Horizontal	360	1.63	-	34.00	5.41	30.86
AV	5.3762G	49.99	54.00	-4.01	41.44	3	Horizontal	360	1.63	-	34.00	5.41	30.86

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

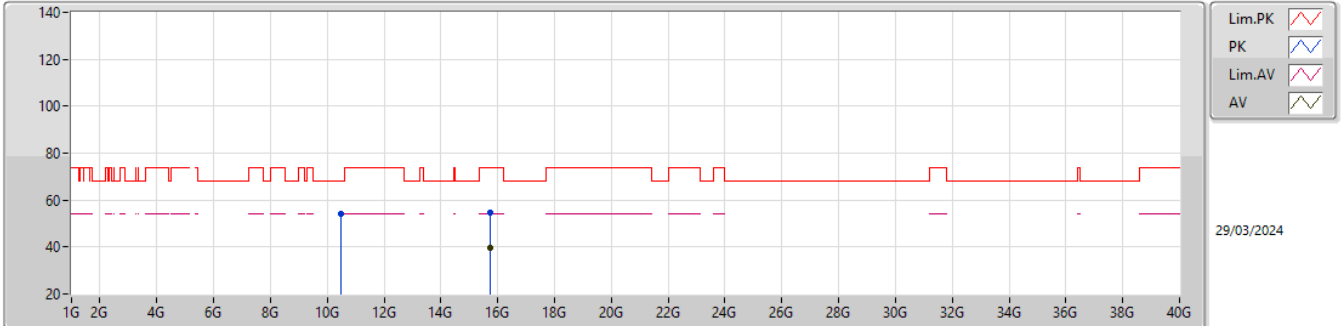


EUT_Y_4TX
Setting 31.5
02-C-V-1

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	10.48003G	53.13	68.20	-15.07	49.55	3	Vertical	0	2.46	-	38.40	8.22	43.04
PK	15.7227G	55.88	74.00	-18.12	50.32	3	Vertical	354	1.37	-	37.71	10.20	42.35
AV	15.71907G	40.39	54.00	-13.61	34.84	3	Vertical	354	1.37	-	37.72	10.19	42.36

5.15-5.25GHz_802.11ax_HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

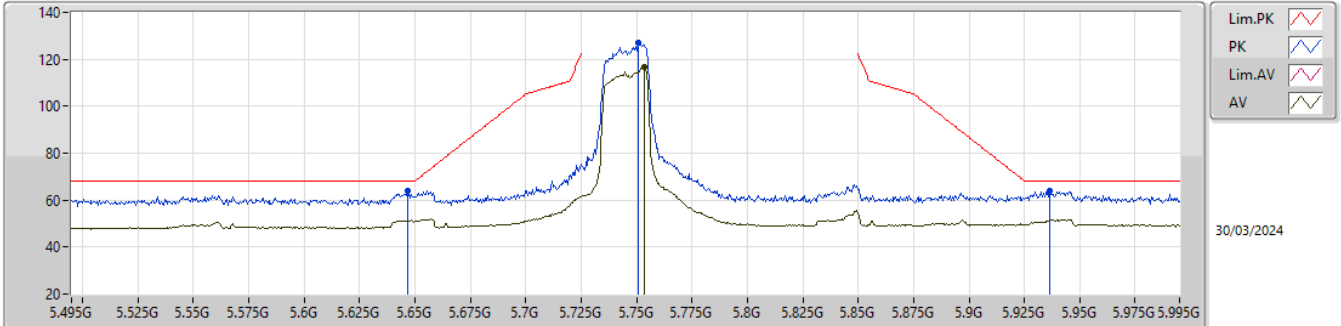


EUT_Y_4TX
 Setting 31.5
 02-C-V-1

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	10.48003G	54.25	68.20	-13.95	50.67	3	Horizontal	336	2.53	-	38.40	8.22	43.04
PK	15.72621G	54.65	74.00	-19.35	49.10	3	Horizontal	324	2.08	-	37.70	10.20	42.35
AV	15.71742G	39.47	54.00	-14.53	33.91	3	Horizontal	324	2.08	-	37.73	10.19	42.36

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

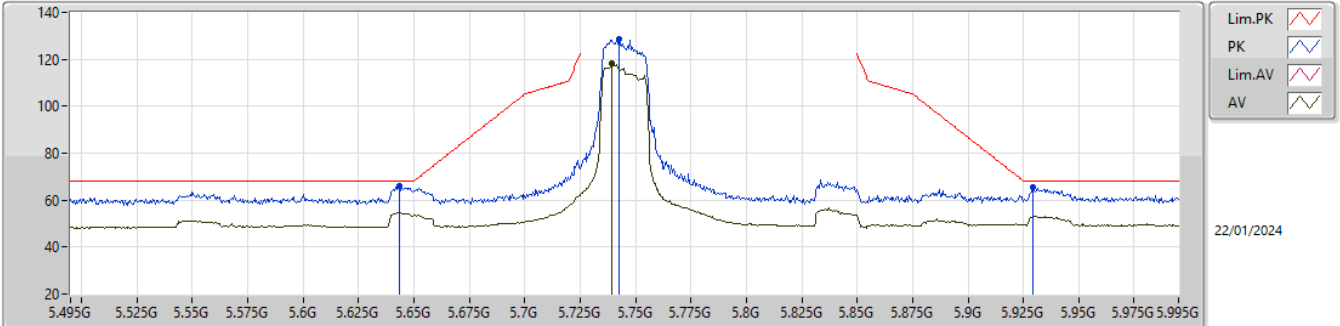


EUT_Y_4TX
Setting 28
02-C-V-1-10

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	5.6465G	63.84	68.20	-4.36	55.38	3	Vertical	0	1.32	-	33.91	5.58	31.03
PK	5.7505G	127.04	Inf	-Inf	118.50	3	Vertical	0	1.32	-	34.00	5.62	31.08
AV	5.7535G	116.52	Inf	-Inf	107.98	3	Vertical	0	1.32	-	34.00	5.62	31.08
PK	5.9365G	64.13	68.20	-4.07	55.24	3	Vertical	0	1.32	-	34.27	5.78	31.16

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

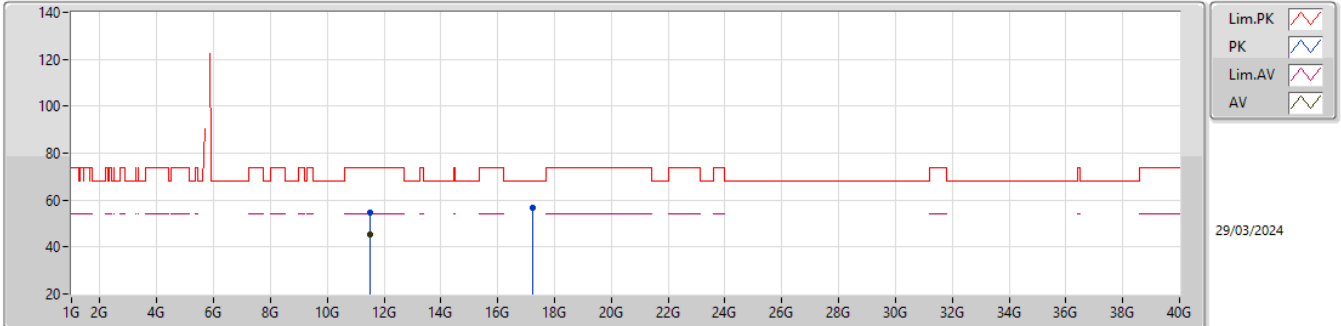


EUT_Y_4TX
Setting 28
02-C-V-1-10

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	5.6435G	65.94	68.20	-2.26	57.48	3	Horizontal	358	1.76	-	33.91	5.58	31.03
PK	5.7425G	128.57	Inf	-Inf	120.03	3	Horizontal	358	1.76	-	34.00	5.61	31.07
AV	5.7395G	118.21	Inf	-Inf	109.67	3	Horizontal	358	1.76	-	34.00	5.61	31.07
PK	5.9295G	65.52	68.20	-2.68	56.65	3	Horizontal	358	1.76	-	34.26	5.77	31.16

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

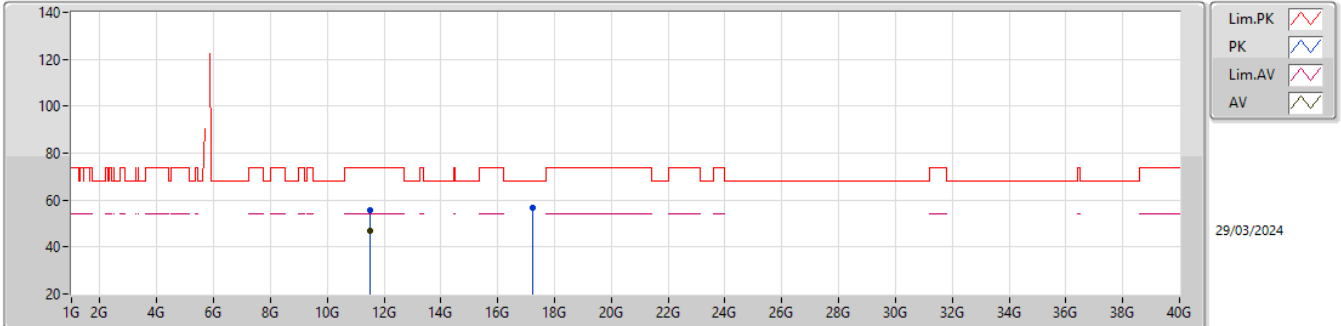


EUT_Y_4TX
Setting 28
02-C-V-1

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	11.48979G	54.59	74.00	-19.41	50.44	3	Vertical	350	1.80	-	38.88	8.57	43.30
AV	11.48994G	45.19	54.00	-8.81	41.04	3	Vertical	350	1.80	-	38.88	8.57	43.30
PK	17.23638G	56.72	68.20	-11.48	45.64	3	Vertical	20	1.18	-	41.97	11.14	42.03

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

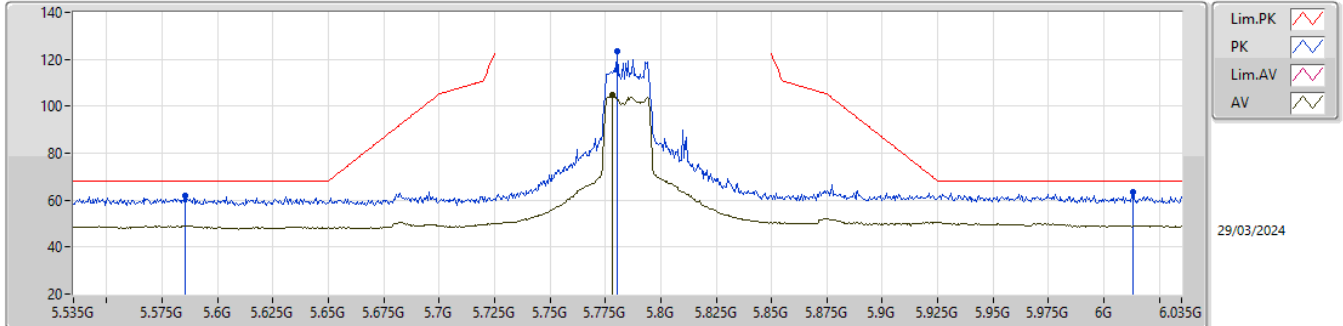


EUT_Y_4TX
Setting 28
02-C-V-1

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	11.48998G	55.83	74.00	-18.17	51.68	3	Horizontal	353	1.80	-	38.88	8.57	43.30
AV	11.48996G	46.76	54.00	-7.24	42.61	3	Horizontal	353	1.80	-	38.88	8.57	43.30
PK	17.23164G	56.76	68.20	-11.44	45.69	3	Horizontal	252	1.68	-	41.96	11.14	42.03

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

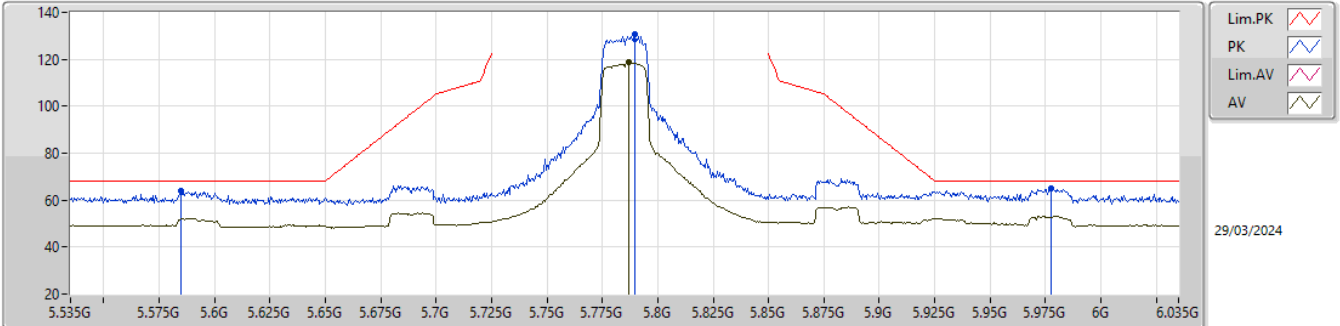


EUT_Y_4TX
Setting 31.5
02-C-V-1-10

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	5.5855G	61.65	68.20	-6.55	53.06	3	Vertical	14	1.80	-	34.03	5.56	31.00
PK	5.7805G	123.50	Inf	-Inf	114.97	3	Vertical	14	1.80	-	34.00	5.62	31.09
AV	5.778G	104.67	Inf	-Inf	96.14	3	Vertical	14	1.80	-	34.00	5.62	31.09
PK	6.013G	63.34	68.20	-4.86	54.33	3	Vertical	14	1.80	-	34.35	5.85	31.19

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

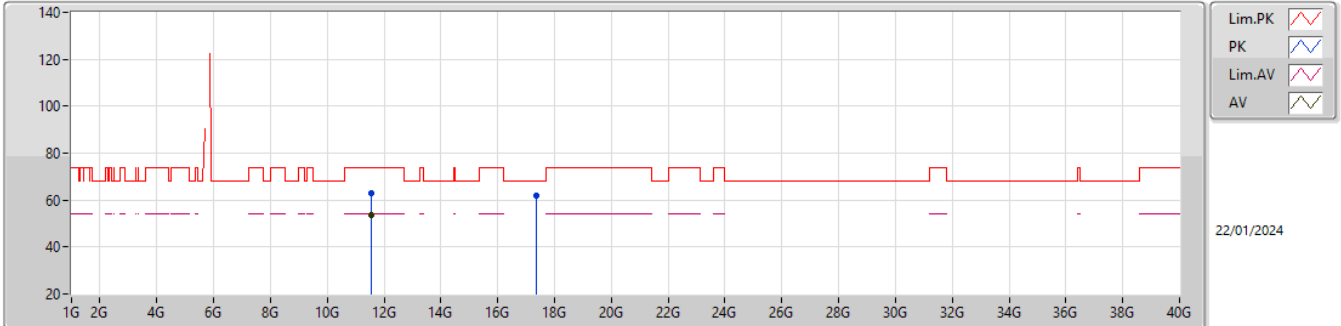


EUT_Y_4TX
 Setting 31.5
 02-C-V-1-10

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	5.585G	63.81	68.20	-4.39	55.22	3	Horizontal	351	1.90	-	34.03	5.56	31.00
PK	5.7895G	130.56	Inf	-Inf	122.02	3	Horizontal	351	1.90	-	34.00	5.63	31.09
AV	5.787G	118.55	Inf	-Inf	110.01	3	Horizontal	351	1.90	-	34.00	5.63	31.09
PK	5.9775G	65.22	68.20	-2.98	56.27	3	Horizontal	351	1.90	-	34.30	5.83	31.18

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

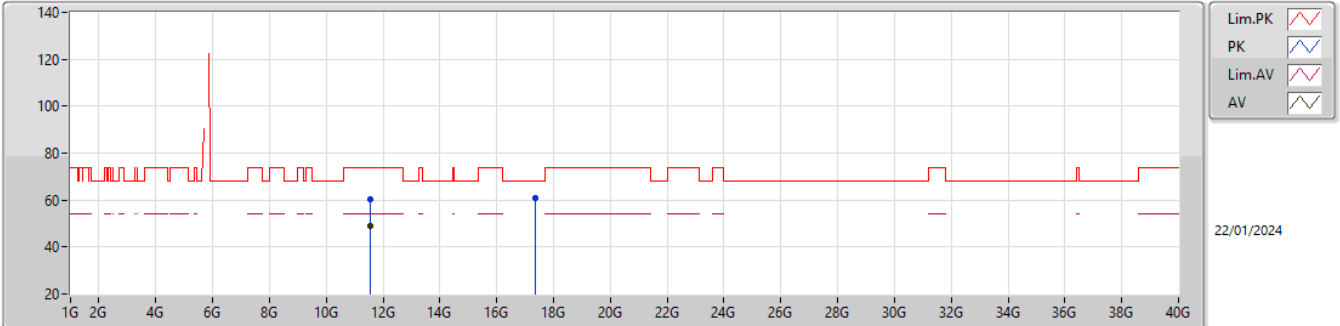


EUT_Y_4TX
 Setting 31.5
 06-D-G-4

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	11.57019G	62.85	74.00	-11.15	55.55	3	Vertical	29.1	1.80	-	39.98	10.61	43.29
AV	11.56996G	53.51	54.00	-0.49	46.21	3	Vertical	29.1	1.80	-	39.98	10.61	43.29
PK	17.35504G	61.72	68.20	-6.48	49.08	3	Vertical	208	1.86	-	41.36	13.28	42.00

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

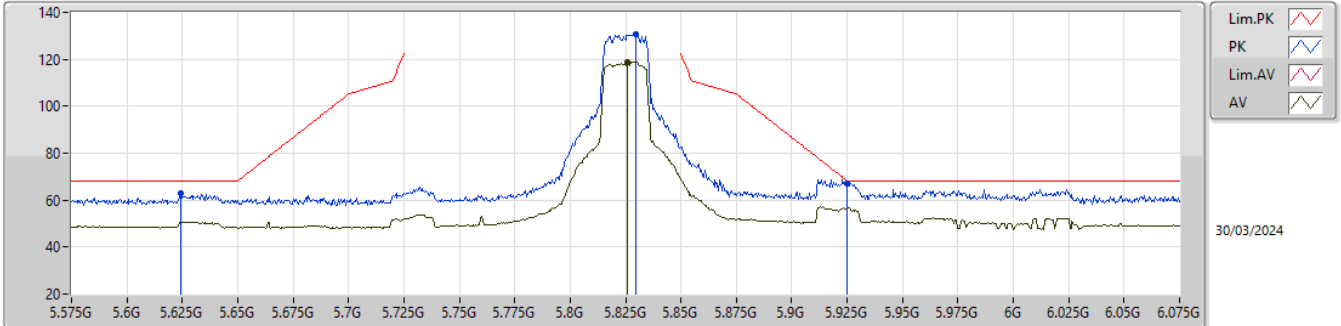


EUT_Y_4TX
 Setting 31.5
 06-D-G-4

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	11.56984G	60.15	74.00	-13.85	52.85	3	Horizontal	321	1.76	-	39.98	10.61	43.29
AV	11.57001G	48.73	54.00	-5.27	41.43	3	Horizontal	321	1.76	-	39.98	10.61	43.29
PK	17.35414G	60.89	68.20	-7.31	48.27	3	Horizontal	315	1.83	-	41.35	13.28	42.01

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

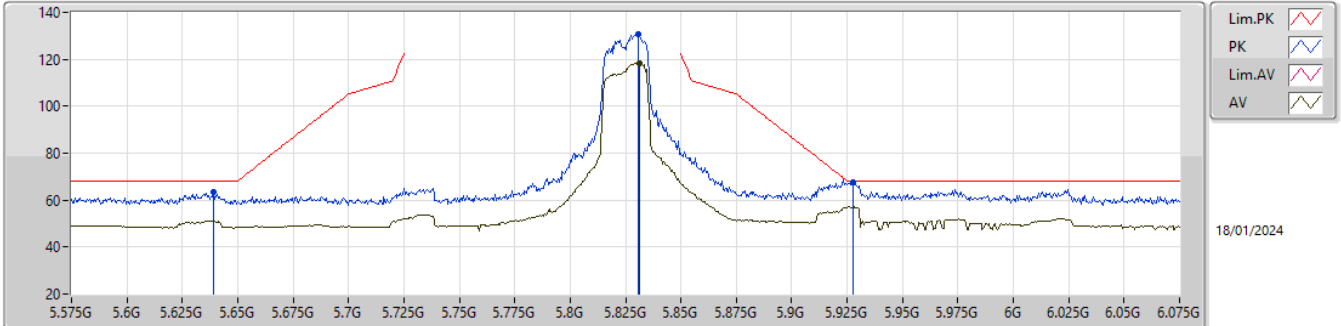






EUT_Y_4TX
Setting 29
04-E-J-8-10

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	5.6245G	62.76	68.20	-5.44	56.26	3	Vertical	0	1.58	-	33.70	6.22	33.42
PK	5.8295G	130.49	Inf	-Inf	123.42	3	Vertical	0	1.58	-	34.32	6.23	33.48
AV	5.826G	118.88	Inf	-Inf	111.84	3	Vertical	0	1.58	-	34.30	6.22	33.48
PK	5.925G	67.24	68.20	-0.96	59.59	3	Vertical	0	1.58	-	34.85	6.31	33.51

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX



Lim.PK 
 PK 
 Lim.AV 
 AV 

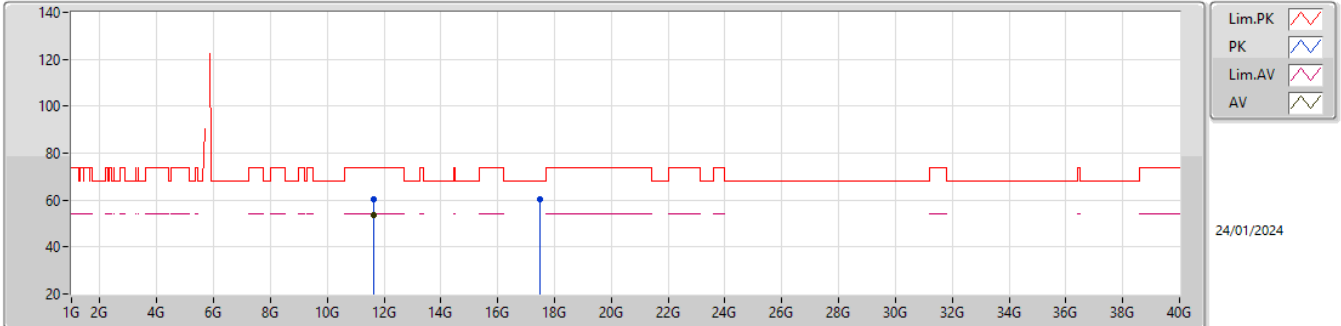
18/01/2024

EUT_Y_4TX
 Setting 29
 04-E-J-8-10

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	5.639G	63.58	68.20	-4.62	57.09	3	Horizontal	7	1.83	-	33.70	6.22	33.43
PK	5.831G	130.52	Inf	-Inf	123.45	3	Horizontal	7	1.83	-	34.32	6.23	33.48
AV	5.8315G	118.45	Inf	-Inf	111.37	3	Horizontal	7	1.83	-	34.33	6.23	33.48
PK	5.9275G	67.65	68.20	-0.55	59.98	3	Horizontal	7	1.83	-	34.87	6.31	33.51

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

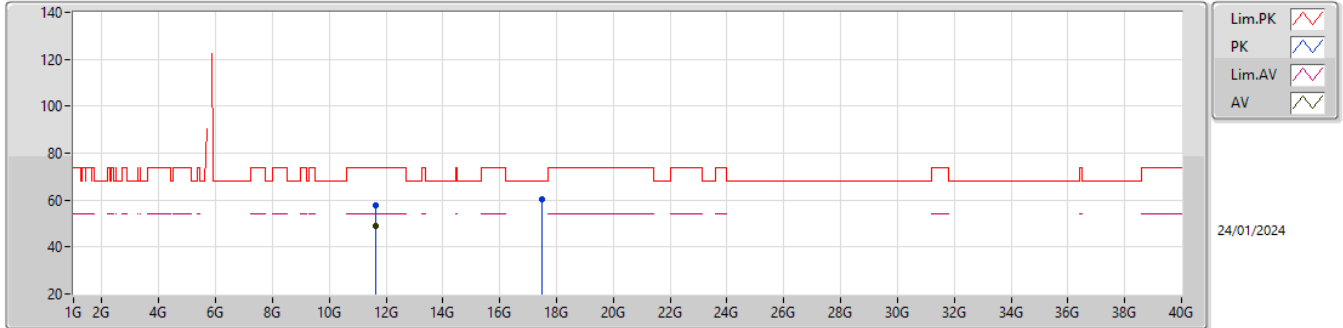


EUT_Y_4TX
Setting 29
04-P-E-5

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	11.64996G	60.42	74.00	-13.58	55.35	3	Vertical	29	2.00	-	38.80	9.55	43.28
AV	11.65003G	53.64	54.00	-0.36	48.57	3	Vertical	29	2.00	-	38.80	9.55	43.28
PK	17.47182G	60.09	68.20	-8.11	47.48	3	Vertical	106	1.02	-	41.96	12.63	41.98

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

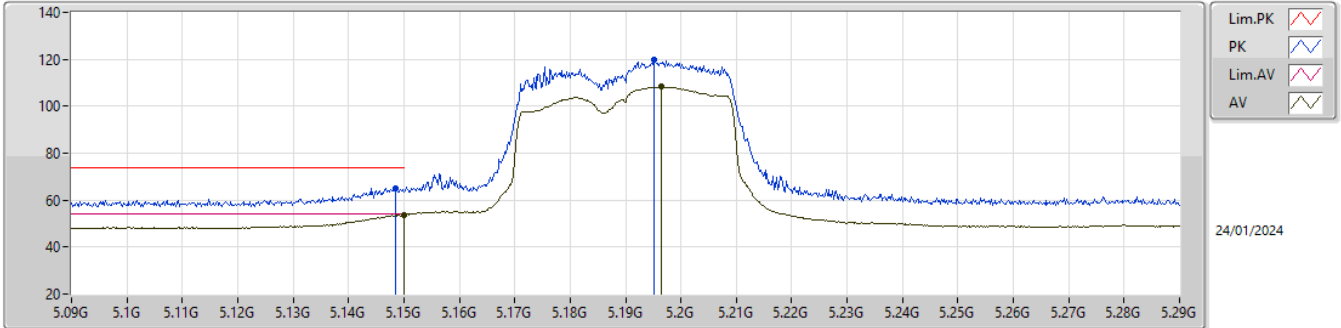


EUT_Y_4TX
Setting 29
04-P-E-5

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	11.6507G	57.80	74.00	-16.20	52.73	3	Horizontal	339	1.80	-	38.80	9.55	43.28
AV	11.65007G	48.95	54.00	-5.05	43.88	3	Horizontal	339	1.80	-	38.80	9.55	43.28
PK	17.47157G	60.10	68.20	-8.10	47.49	3	Horizontal	29	1.80	-	41.96	12.63	41.98

5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

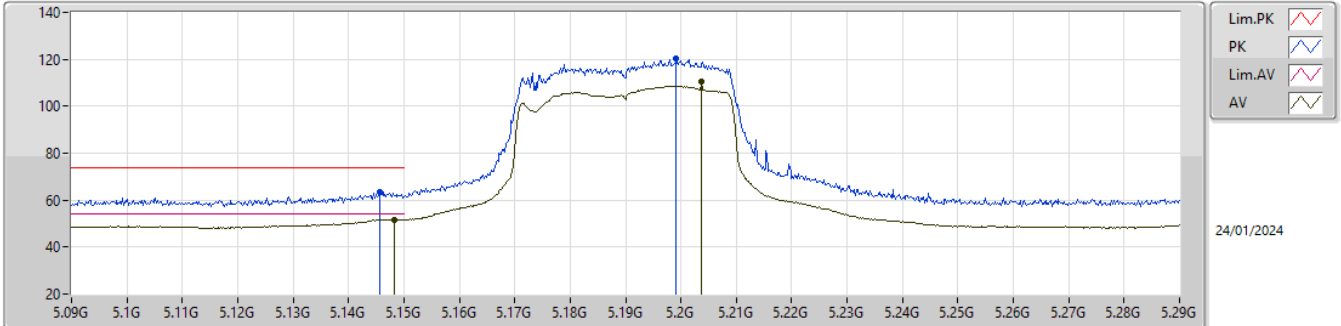


EUT_Y_4TX
Setting 23
04-P-E-5-10

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	5.1484G	65.10	74.00	-8.90	59.86	3	Vertical	345	1.80	-	32.60	5.90	33.26
AV	5.15G	53.83	54.00	-0.17	48.59	3	Vertical	345	1.80	-	32.60	5.90	33.26
PK	5.1952G	119.71	Inf	-Inf	114.38	3	Vertical	345	1.80	-	32.69	5.92	33.28
AV	5.1964G	108.25	Inf	-Inf	102.92	3	Vertical	345	1.80	-	32.69	5.92	33.28

5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

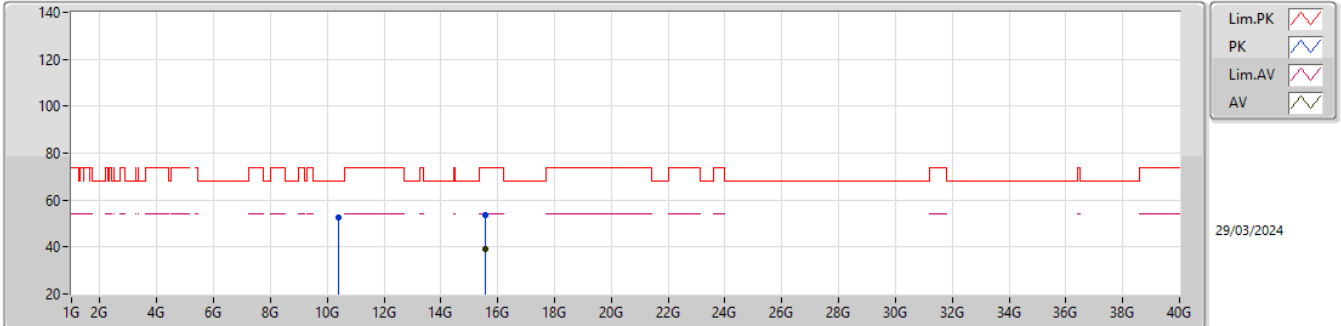


EUT_Y_4TX
Setting 23
04-P-E-5-10

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	5.1456G	63.68	74.00	-10.32	58.45	3	Horizontal	33	1.80	-	32.59	5.90	33.26
AV	5.1482G	51.78	54.00	-2.22	46.54	3	Horizontal	33	1.80	-	32.60	5.90	33.26
PK	5.1992G	120.39	Inf	-Inf	115.05	3	Horizontal	33	1.80	-	32.70	5.92	33.28
AV	5.2038G	110.47	Inf	-Inf	105.13	3	Horizontal	33	1.80	-	32.70	5.92	33.28

5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

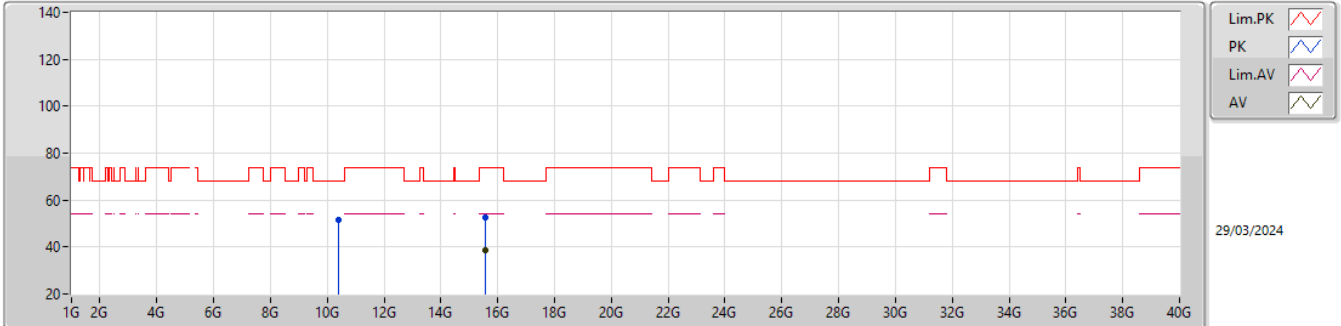


EUT_Y_4TX
Setting 23
02-C-V-1

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	10.38021G	52.78	68.20	-15.42	49.18	3	Vertical	316	2.88	-	38.44	8.19	43.03
PK	15.56037G	53.76	74.00	-20.24	48.37	3	Vertical	66	1.80	-	37.78	10.15	42.54
AV	15.57792G	39.06	54.00	-14.94	33.69	3	Vertical	66	1.80	-	37.74	10.15	42.52

5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

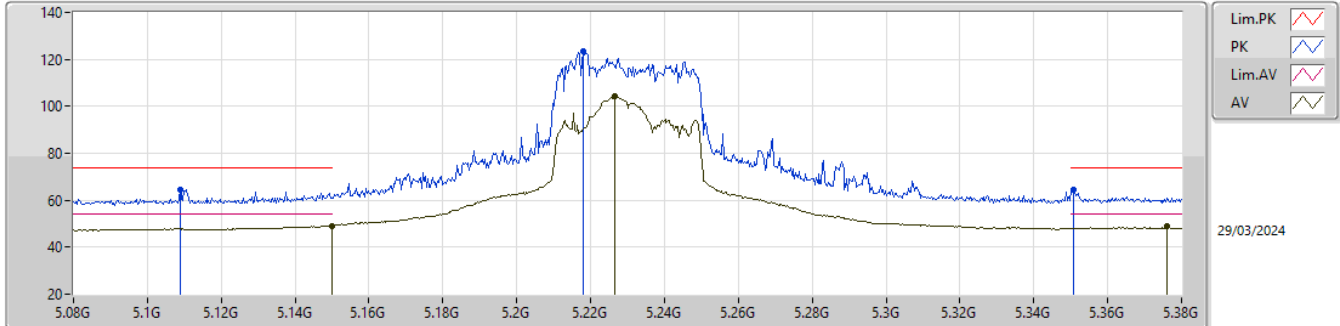


EUT_Y_4TX
Setting 23
02-C-V-1

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	10.38465G	51.79	68.20	-16.41	48.20	3	Horizontal	0	1.39	-	38.43	8.19	43.03
PK	15.55941G	52.71	74.00	-21.29	47.32	3	Horizontal	140	2.49	-	37.78	10.15	42.54
AV	15.57449G	38.73	54.00	-15.27	33.35	3	Horizontal	140	2.49	-	37.75	10.15	42.52

5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

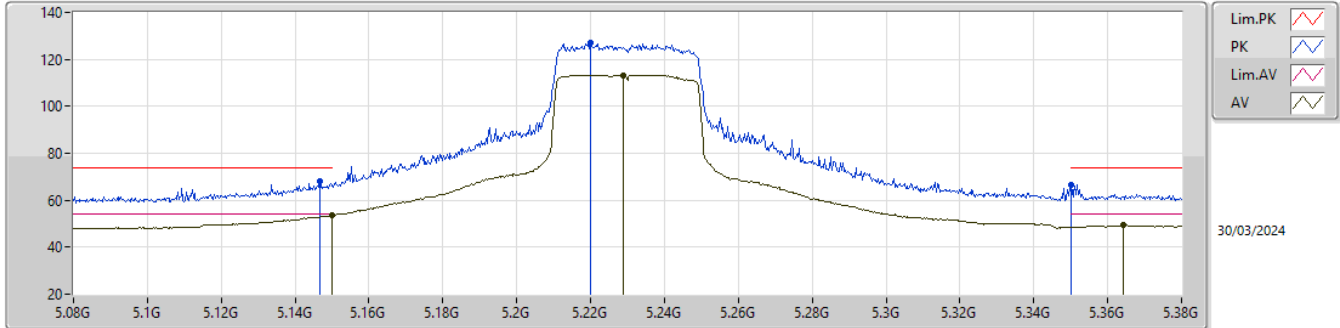


EUT_Y_4TX
Setting 29
02-C-V-1-10

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	5.1088G	64.38	74.00	-9.62	56.24	3	Vertical	18	1.86	-	33.52	5.27	30.65
AV	5.1499G	49.07	54.00	-4.93	40.84	3	Vertical	18	1.86	-	33.60	5.31	30.68
PK	5.218G	123.45	Inf	-Inf	115.01	3	Vertical	18	1.86	-	33.80	5.37	30.73
AV	5.2267G	104.09	Inf	-Inf	95.65	3	Vertical	18	1.86	-	33.80	5.38	30.74
PK	5.3509G	64.23	74.00	-9.77	55.67	3	Vertical	18	1.86	-	34.00	5.40	30.84
AV	5.3761G	48.76	54.00	-5.24	40.21	3	Vertical	18	1.86	-	34.00	5.41	30.86

5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

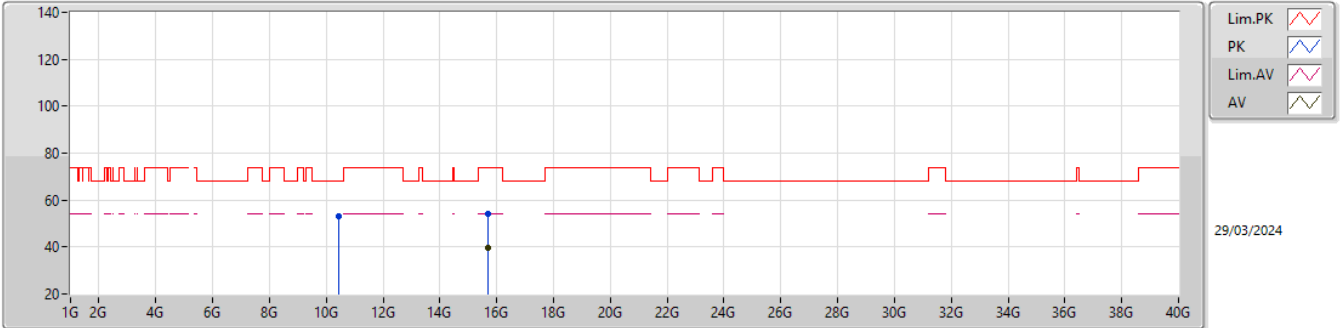


EUT_Y_4TX
Setting 29
02-C-V-1-10

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	5.1466G	67.96	74.00	-6.04	59.74	3	Horizontal	0	1.62	-	33.59	5.31	30.68
AV	5.1499G	53.53	54.00	-0.47	45.30	3	Horizontal	0	1.62	-	33.60	5.31	30.68
PK	5.2201G	126.92	Inf	-Inf	118.49	3	Horizontal	0	1.62	-	33.80	5.37	30.74
AV	5.2288G	113.34	Inf	-Inf	104.90	3	Horizontal	0	1.62	-	33.80	5.38	30.74
PK	5.35G	66.77	74.00	-7.23	58.21	3	Horizontal	0	1.62	-	34.00	5.40	30.84
AV	5.3641G	49.38	54.00	-4.62	40.83	3	Horizontal	0	1.62	-	34.00	5.40	30.85

5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

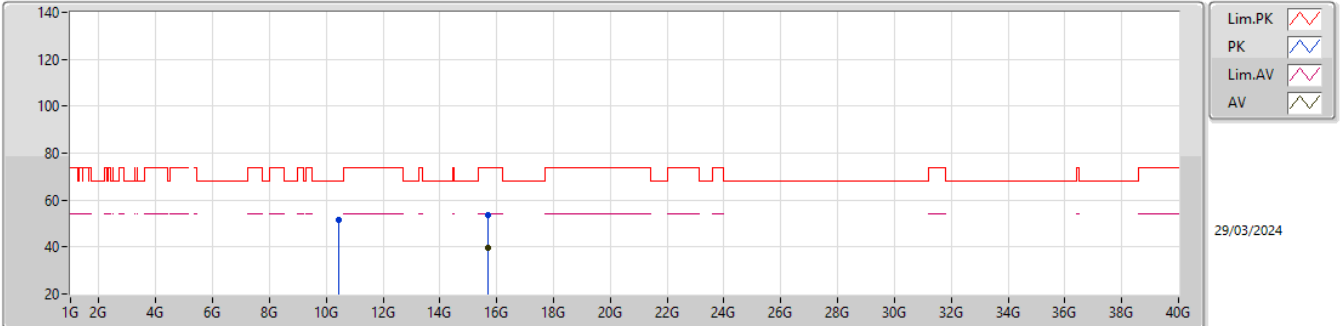


EUT_Y_4TX
Setting 29
02-C-V-1

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	10.45148G	52.91	68.20	-15.29	49.33	3	Vertical	0	2.96	-	38.40	8.21	43.03
PK	15.68579G	53.88	74.00	-20.12	48.32	3	Vertical	0	1.80	-	37.77	10.18	42.39
AV	15.68798G	39.63	54.00	-14.37	34.06	3	Vertical	0	1.80	-	37.78	10.18	42.39

5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

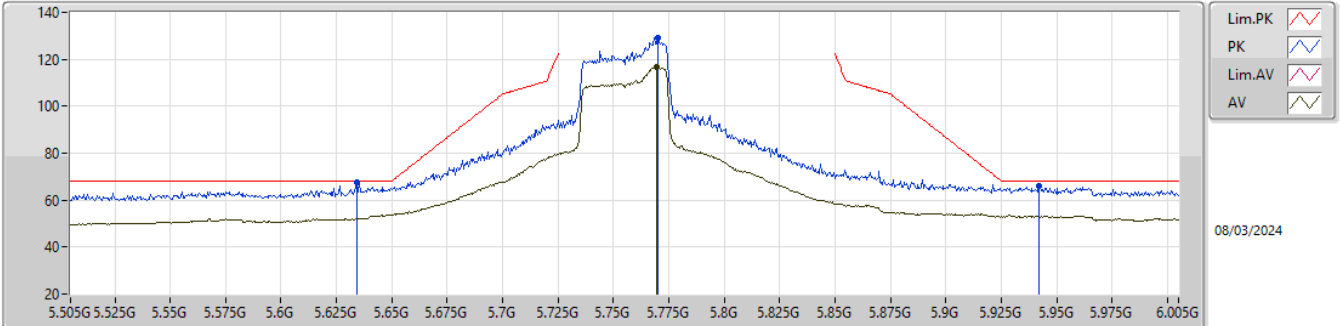


EUT_Y_4TX
Setting 29
02-C-V-1

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	10.46057G	51.58	68.20	-16.62	48.00	3	Horizontal	5	1.84	-	38.40	8.22	43.04
PK	15.69447G	53.50	74.00	-20.50	47.90	3	Horizontal	191	1.80	-	37.79	10.19	42.38
AV	15.68445G	39.73	54.00	-14.27	34.18	3	Horizontal	191	1.80	-	37.77	10.18	42.40

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

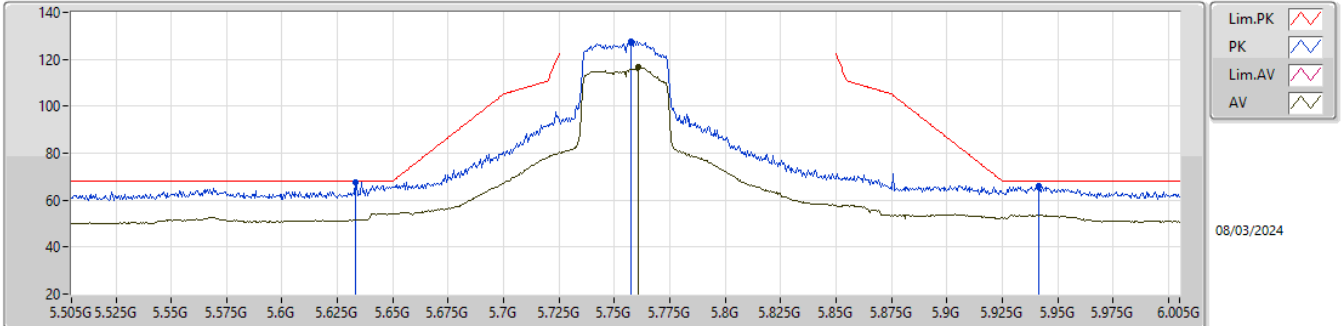


EUT_Y_4TX
Setting 31.5
02-C-R-7-10

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	5.634G	67.83	68.20	-0.37	59.34	3	Vertical	0	1.80	-	33.93	5.58	31.02
PK	5.77G	129.38	Inf	-Inf	120.84	3	Vertical	0	1.80	-	34.00	5.62	31.08
AV	5.7695G	116.68	Inf	-Inf	108.14	3	Vertical	0	1.80	-	34.00	5.62	31.08
PK	5.942G	65.83	68.20	-2.37	56.92	3	Vertical	0	1.80	-	34.28	5.79	31.16

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

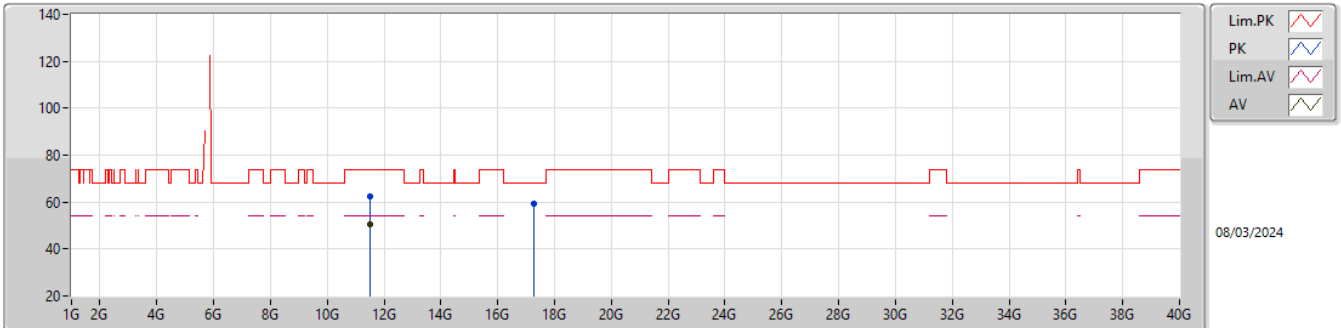


EUT_Y_4TX
 Setting 31.5
 02-C-R-7-10

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	5.633G	67.75	68.20	-0.45	59.26	3	Horizontal	351	1.66	-	33.93	5.58	31.02
PK	5.7575G	127.48	Inf	-Inf	118.94	3	Horizontal	351	1.66	-	34.00	5.62	31.08
AV	5.761G	116.59	Inf	-Inf	108.05	3	Horizontal	351	1.66	-	34.00	5.62	31.08
PK	5.9415G	65.93	68.20	-2.27	57.02	3	Horizontal	351	1.66	-	34.28	5.79	31.16

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

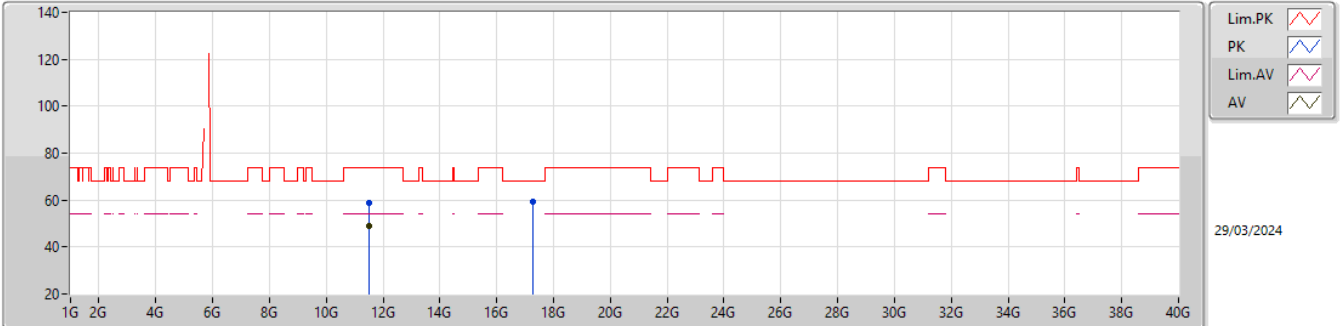


EUT_Y_4TX
 Setting 31.5
 06-D-G-4

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	11.50965G	62.25	74.00	-11.75	54.87	3	Vertical	328	1.80	-	40.10	10.58	43.30
AV	11.50994G	50.48	54.00	-3.52	43.10	3	Vertical	328	1.80	-	40.10	10.58	43.30
PK	17.26071G	59.37	68.20	-8.83	47.60	3	Vertical	218	1.83	-	40.56	13.24	42.03

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

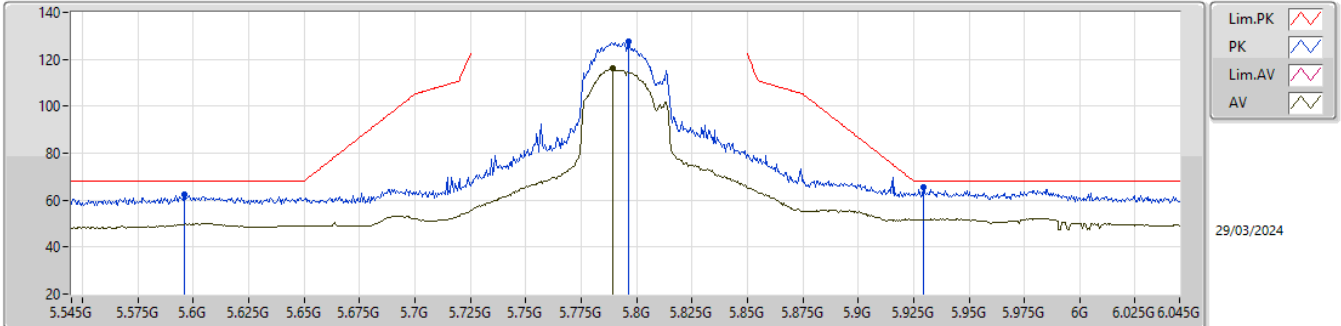


EUT_Y_4TX
 Setting 31.5
 06-D-G-4

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	11.51008G	59.04	74.00	-14.96	51.66	3	Horizontal	350	1.89	-	40.10	10.58	43.30
AV	11.51003G	48.99	54.00	-5.01	41.61	3	Horizontal	350	1.89	-	40.10	10.58	43.30
PK	17.26662G	59.41	68.20	-8.79	47.60	3	Horizontal	19	1.63	-	40.60	13.24	42.03

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

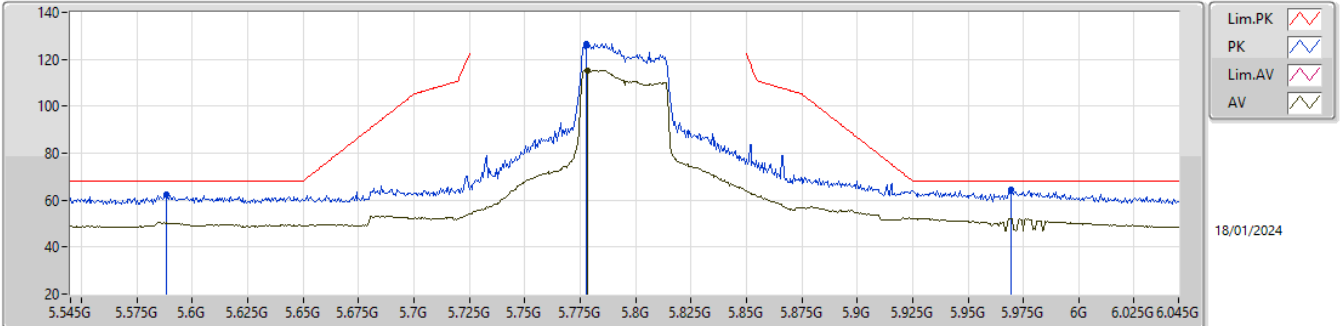


EUT_Y_4TX
 Setting 30
 04-E-J-8-10

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	5.596G	62.27	68.20	-5.93	55.77	3	Vertical	0	1.51	-	33.70	6.22	33.42
PK	5.7965G	127.38	Inf	-Inf	120.46	3	Vertical	0	1.51	-	34.19	6.20	33.47
AV	5.7895G	116.05	Inf	-Inf	109.16	3	Vertical	0	1.51	-	34.16	6.20	33.47
PK	5.9295G	65.40	68.20	-2.80	57.71	3	Vertical	0	1.51	-	34.88	6.32	33.51

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

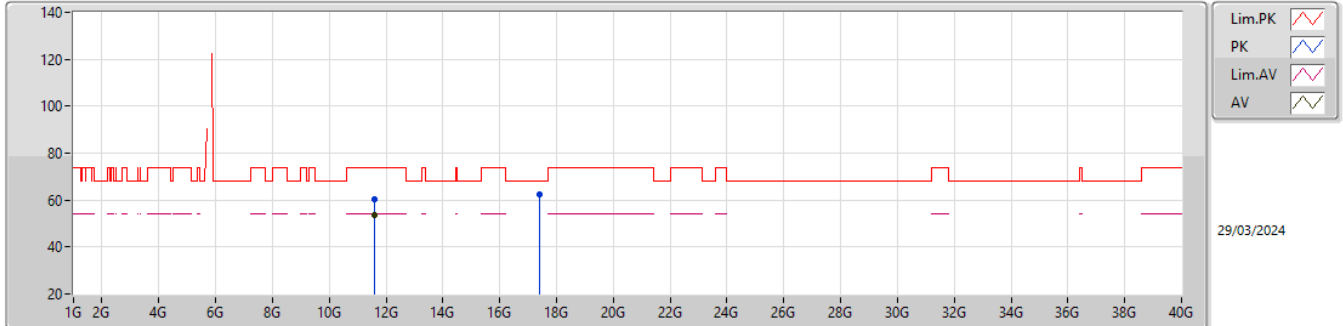


EUT_Y_4TX
 Setting 30
 04-E-J-8-10

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	5.5885G	62.33	68.20	-5.87	55.83	3	Horizontal	3	1.89	-	33.70	6.21	33.41
PK	5.7775G	126.80	Inf	-Inf	119.96	3	Horizontal	3	1.89	-	34.11	6.20	33.47
AV	5.7785G	115.20	Inf	-Inf	108.36	3	Horizontal	3	1.89	-	34.11	6.20	33.47
PK	5.9695G	64.41	68.20	-3.79	56.58	3	Horizontal	3	1.89	-	35.00	6.35	33.52

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

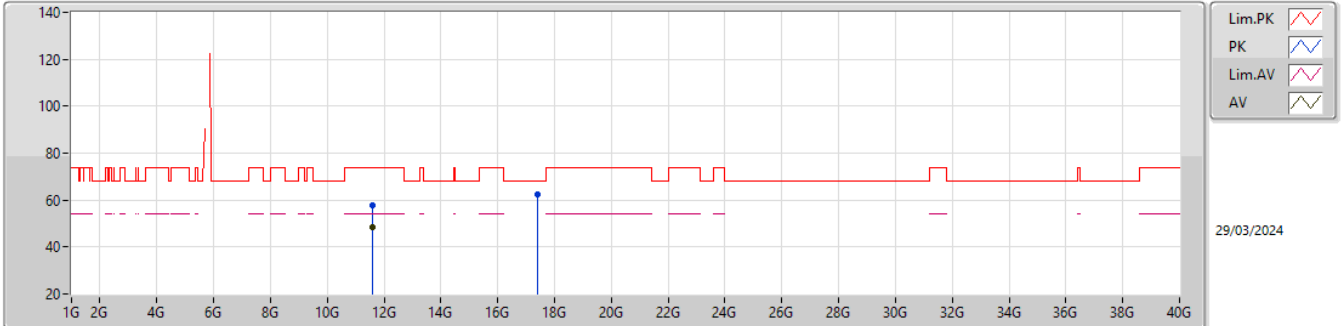


EUT_Y_4TX
Setting 30
06-D-G-4

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	11.59012G	60.35	74.00	-13.65	53.16	3	Vertical	26	1.80	-	39.86	10.62	43.29
AV	11.59G	53.55	54.00	-0.45	46.36	3	Vertical	26	1.80	-	39.86	10.62	43.29
PK	17.38956G	62.27	68.20	-5.93	49.20	3	Vertical	301	1.39	-	41.77	13.30	42.00

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

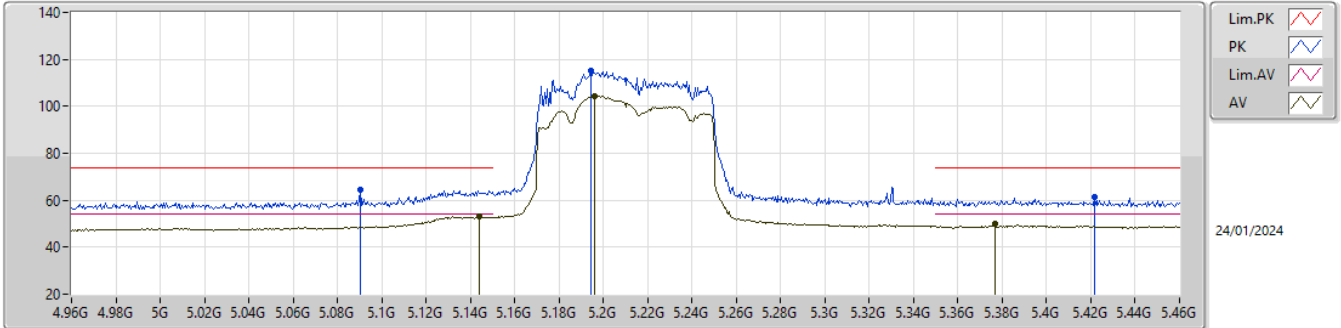


EUT_Y_4TX
Setting 30
06-D-G-4

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	11.59002G	57.99	74.00	-16.01	50.80	3	Horizontal	317	1.80	-	39.86	10.62	43.29
AV	11.58997G	48.59	54.00	-5.41	41.40	3	Horizontal	317	1.80	-	39.86	10.62	43.29
PK	17.3832G	62.51	68.20	-5.69	49.52	3	Horizontal	280	2.82	-	41.70	13.29	42.00

5.15-5.25GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

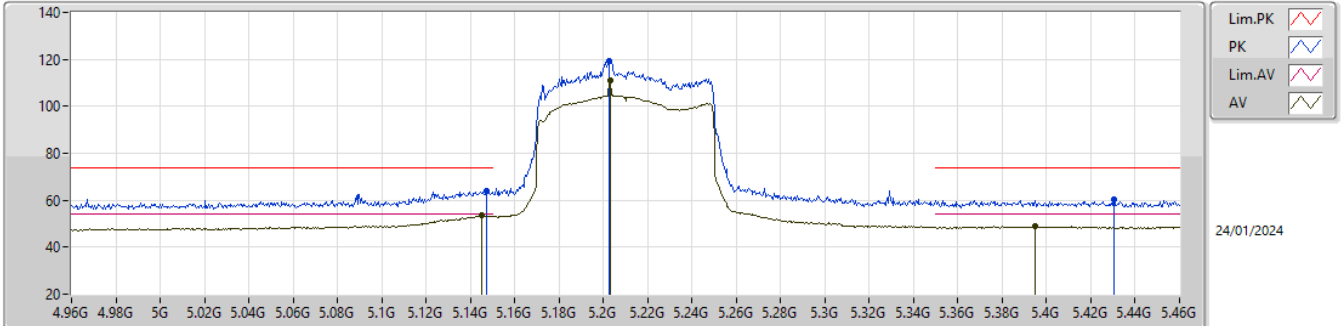


EUT_Y_4TX
Setting 22
04-P-E-5-10

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	5.0905G	64.43	74.00	-9.57	59.28	3	Vertical	345	1.80	-	32.52	5.87	33.24
AV	5.144G	52.98	54.00	-1.02	47.76	3	Vertical	345	1.80	-	32.59	5.89	33.26
PK	5.1945G	114.92	Inf	-Inf	109.59	3	Vertical	345	1.80	-	32.69	5.92	33.28
AV	5.196G	104.27	Inf	-Inf	98.94	3	Vertical	345	1.80	-	32.69	5.92	33.28
PK	5.4215G	61.49	74.00	-12.51	55.53	3	Vertical	345	1.80	-	33.19	6.13	33.36
AV	5.3765G	50.24	54.00	-3.76	44.48	3	Vertical	345	1.80	-	33.01	6.10	33.35

5.15-5.25GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

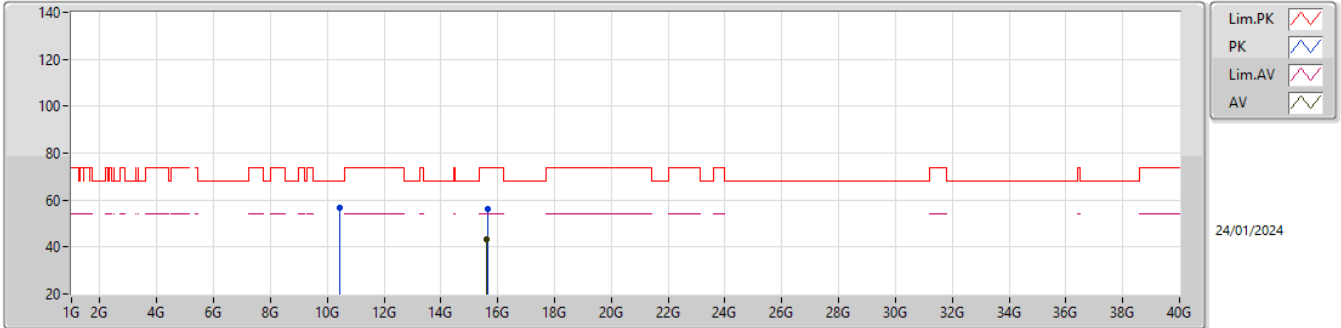


EUT_Y_4TX
Setting 22
04-P-E-5-10

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	5.1475G	63.74	74.00	-10.26	58.51	3	Horizontal	37	1.76	-	32.59	5.90	33.26
AV	5.145G	53.45	54.00	-0.55	48.22	3	Horizontal	37	1.76	-	32.59	5.90	33.26
PK	5.2025G	119.06	Inf	-Inf	113.72	3	Horizontal	37	1.76	-	32.70	5.92	33.28
AV	5.203G	111.27	Inf	-Inf	105.93	3	Horizontal	37	1.76	-	32.70	5.92	33.28
PK	5.4305G	60.17	74.00	-13.83	54.17	3	Horizontal	37	1.76	-	33.22	6.14	33.36
AV	5.395G	49.02	54.00	-4.98	43.17	3	Horizontal	37	1.76	-	33.08	6.12	33.35

5.15-5.25GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

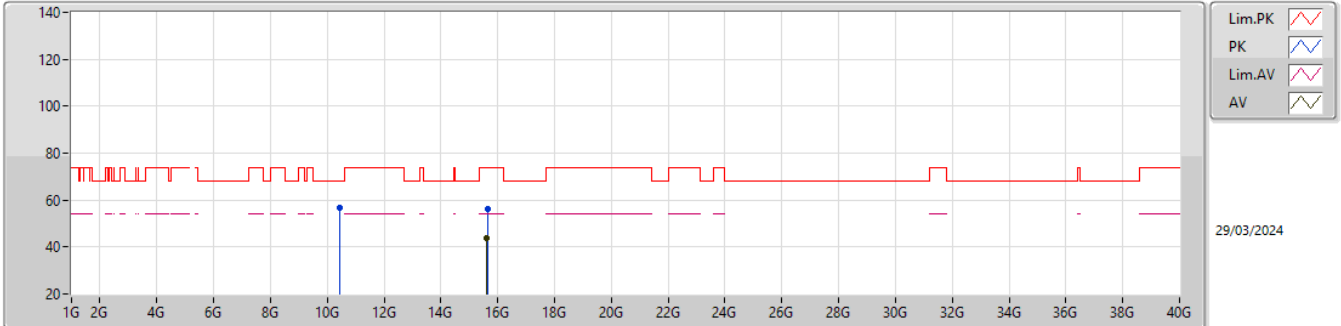


EUT_Y_4TX
Setting 22
06-D-G-4

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	10.41974G	56.84	68.20	-11.36	49.67	3	Vertical	314	2.89	-	40.14	10.06	43.03
PK	15.63481G	56.00	74.00	-18.00	47.70	3	Vertical	133	1.66	-	38.25	12.50	42.45
AV	15.62596G	43.50	54.00	-10.50	35.13	3	Vertical	133	1.66	-	38.34	12.49	42.46

5.15-5.25GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

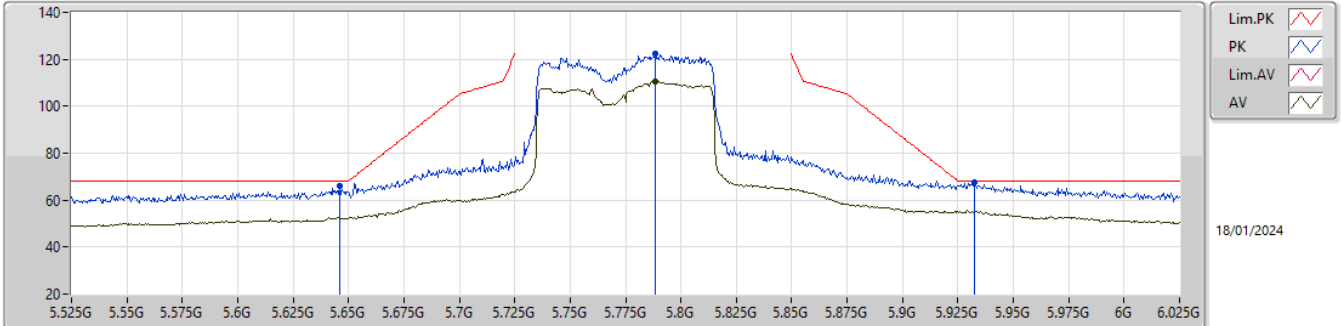


EUT_Y_4TX
Setting 22
06-D-G-4

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	10.42026G	56.57	68.20	-11.63	49.40	3	Horizontal	359	1.32	-	40.14	10.06	43.03
PK	15.63077G	56.43	74.00	-17.57	48.11	3	Horizontal	124	2.31	-	38.29	12.49	42.46
AV	15.63003G	43.68	54.00	-10.32	35.35	3	Horizontal	124	2.31	-	38.30	12.49	42.46

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

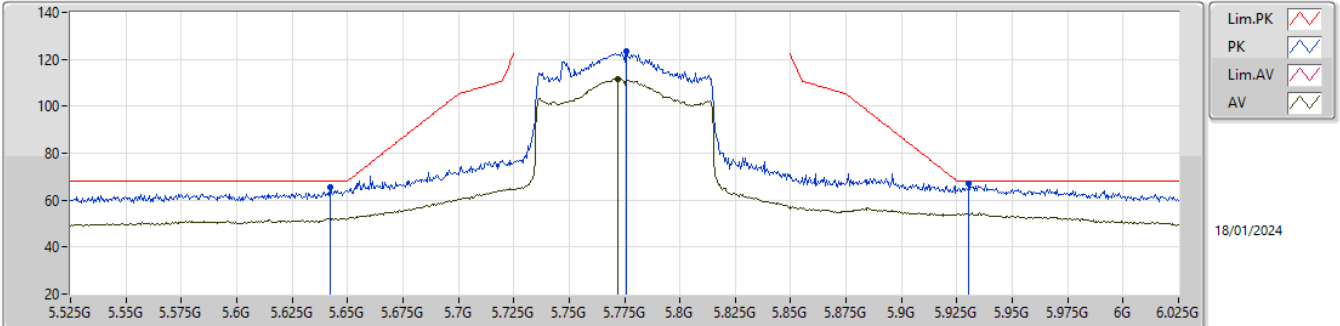


EUT_Y_4TX
Setting 28
04-E-J-8-10

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	5.646G	66.04	68.20	-2.16	59.55	3	Vertical	9	1.80	-	33.70	6.22	33.43
PK	5.7885G	122.22	Inf	-Inf	115.34	3	Vertical	9	1.80	-	34.15	6.20	33.47
AV	5.7885G	110.69	Inf	-Inf	103.81	3	Vertical	9	1.80	-	34.15	6.20	33.47
PK	5.9325G	67.82	68.20	-0.38	60.12	3	Vertical	9	1.80	-	34.89	6.32	33.51

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

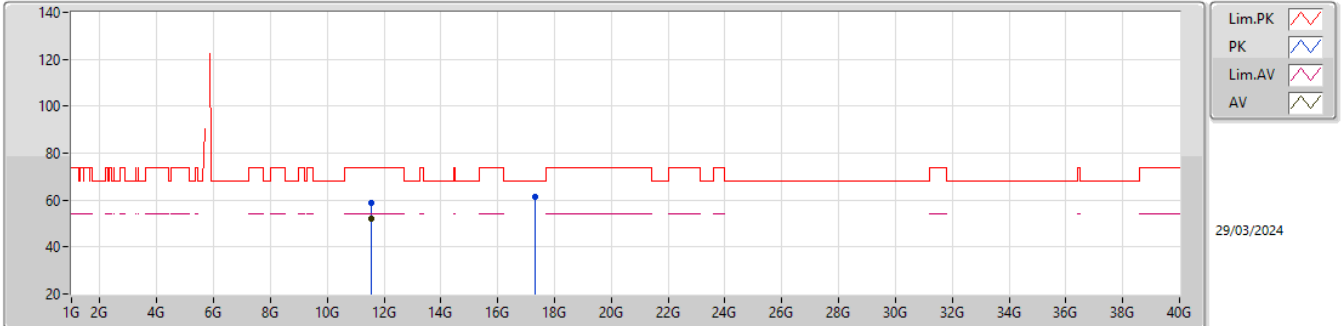


EUT_Y_4TX
 Setting 28
 04-E-J-8-10

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	5.642G	65.41	68.20	-2.79	58.92	3	Horizontal	15	1.83	-	33.70	6.22	33.43
PK	5.776G	123.25	Inf	-Inf	116.42	3	Horizontal	15	1.83	-	34.10	6.20	33.47
AV	5.772G	111.71	Inf	-Inf	104.89	3	Horizontal	15	1.83	-	34.09	6.20	33.47
PK	5.9305G	66.95	68.20	-1.25	59.26	3	Horizontal	15	1.83	-	34.88	6.32	33.51

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

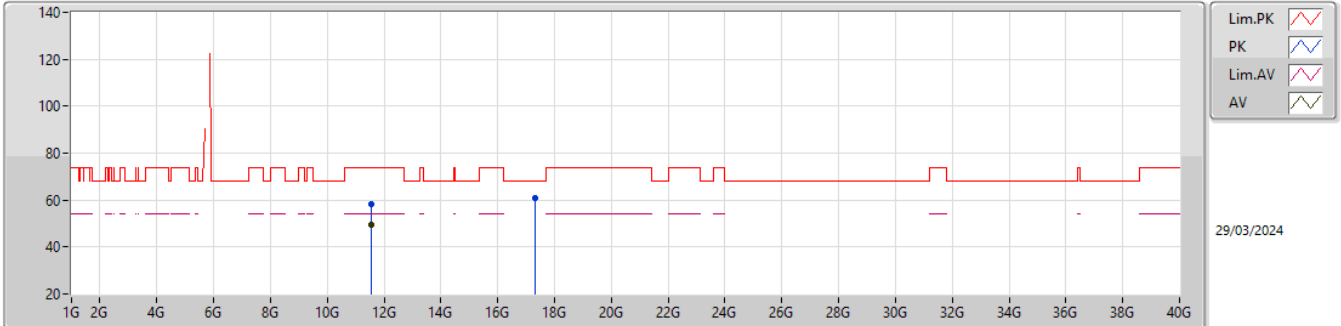


EUT_Y_4TX
Setting 28
06-D-G-4

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	11.54993G	58.79	74.00	-15.21	51.38	3	Vertical	30	1.92	-	40.10	10.60	43.29
AV	11.54996G	51.96	54.00	-2.04	44.55	3	Vertical	30	1.92	-	40.10	10.60	43.29
PK	17.321G	61.26	68.20	-6.94	49.00	3	Vertical	114	1.45	-	41.01	13.26	42.01

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX



EUT_Y_4TX
Setting 28
06-D-G-4

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	11.54988G	58.22	74.00	-15.78	50.81	3	Horizontal	350	1.80	-	40.10	10.60	43.29
AV	11.54997G	49.46	54.00	-4.54	42.05	3	Horizontal	350	1.80	-	40.10	10.60	43.29
PK	17.322G	60.63	68.20	-7.57	48.36	3	Horizontal	14	2.92	-	41.02	13.26	42.01