Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2AHKM-CHITA31
Equipment	:	DOCSIS 3.1 Wireless eMTA Gateway
Brand Name	:	Hitron
Model Name	:	CHITA3.1
Applicant	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Manufacturer	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Nov. 18, 2022, and testing was started from Nov. 29, 2022 and completed on Feb. 01, 2023. 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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History of this test report

Report No.	Version	Description	Issued Date
FR2N1823AB	01	Initial issue of report	Mar. 24, 2023

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	-

Declaration of Conformity:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Vicky Huang

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4
5.15-5.25GHz	802.11n HT20	20	4
5.15-5.25GHz	802.11n HT20-BF	20	4
5.15-5.25GHz	802.11ac VHT20	20	4
5.15-5.25GHz	802.11ac VHT20-BF	20	4
5.15-5.25GHz	802.11n HT40	40	4
5.15-5.25GHz	802.11n HT40-BF	40	4
5.15-5.25GHz	802.11ac VHT40	40	4
5.15-5.25GHz	802.11ac VHT40-BF	40	4
5.15-5.25GHz	802.11ac VHT80	80	4
5.15-5.25GHz	802.11ac VHT80-BF	80	4
5.725-5.85GHz	802.11a	20	4
5.725-5.85GHz	802.11n HT20	20	4
5.725-5.85GHz	802.11n HT20-BF	20	4
5.725-5.85GHz	802.11ac VHT20	20	4
5.725-5.85GHz	802.11ac VHT20-BF	20	4
5.725-5.85GHz	802.11n HT40	40	4
5.725-5.85GHz	802.11n HT40-BF	40	4
5.725-5.85GHz	802.11ac VHT40	40	4
5.725-5.85GHz	802.11ac VHT40-BF	40	4
5.725-5.85GHz	802.11ac VHT80	80	4
5.725-5.85GHz	802.11ac VHT80-BF	80	4

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
	2.4GHz	5GHz					2.4GHz	5GHz
1	1	1	WIESON	GY196HC112-018	PCB Antenna	I-PEX	1.99	1.97
2	2	2	WIESON	GY196HC112-019	PCB Antenna	I-PEX	1.58	1.87
3	3	3	WIESON	GY196HC112-020	PCB Antenna	I-PEX	1.96	1.96
4	-	4	WIESON	GY196HC112-021	PCB Antenna	I-PEX	-	1.76

Note1: The above information was declared by manufacturer.
Note2:

For WLAN 2.4GHz function:
For IEEE 802.11b/g/n/VHT mode (3TX/3RX):
Port 1, Port 2 and Port 3 can be use as transmitting/receiving antenna.
Port 1, Port 2 and Port 3 could transmit/receive simultaneously.

For WLAN 5GHz function:
For IEEE 802.11a/n/ac mode (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

Note3: 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	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

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

$gj,k = (Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2$

$DG = 10 \log[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}] => 10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$

Where ;

2.4G G1= 1.99 dBi ;2.4G G2= 1.58 dBi ;2.4G G3= 1.96 dBi ;DG= 6.62dBi

5G G1= 1.97 dBi ;5G G2= 1.87 dBi ;5G G3= 1.96 dBi ;5G G4= 1.76 dBi ;DG= 7.91dBi

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.971	0.13	2.07m	1k
802.11ac VHT20	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.973	0.12	2.437m	1k
802.11ac VHT80	0.943	0.25	1.148m	1k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for VHT in 2.4GHz and n/ac in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QRCT V3.0.295.0			

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	22.4-23.1 / 62-68	Jan. 18, 2023~ Jan. 19, 2023
Radiated (Below 1GHz)	03CH05-CB	Stim Sung	24.4-25.5 / 55-58	Dec. 08, 2022~ Feb. 01, 2023
Radiated (Above 1GHz)	03CH03-CB	Stim Sung	24.4-25.5 / 55-58	Jan. 16, 2023~ Jan. 17, 2023
Radiated (Co-location)	03CH05-CB	Stim Sung	23.8-24.9 / 55-58	Feb. 01, 2023
AC Conduction	CO01-CB	Tim Chen	24~25 / 58~59	Nov. 29, 2022

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	24.5
5200MHz	25
5240MHz	24.5
5745MHz	26
5785MHz	26
5825MHz	26
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	24.5
5200MHz	25
5240MHz	24.5
5745MHz	26
5785MHz	26
5825MHz	26
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	19.5
5230MHz	24.5
5755MHz	26
5795MHz	26
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	18
5775MHz	22.5
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	24.5
5200MHz	24.5
5240MHz	24
5745MHz	24.5
5785MHz	24.5
5825MHz	24.5
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	19.5
5230MHz	24
5755MHz	24.5
5795MHz	24.5
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	18

Mode	Power Setting
5775MHz	22.5

Note:
- The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been selected to execute all tests. The beamforming mode evaluates the output power only.
- Evaluated VHT20/VHT40 mode only, due to similar modulation. The power setting of HT20/HT40 mode are the same or lower than VHT20/VHT40.

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis + Adapter
Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found at Y axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Y axis

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Sporton Test Report No.: FA2N1823 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	MOSO	MSS-V3500WR120-042A0-US	Input: 100-240V~50/60Hz, 1.2A max. Output: 12.0V, 3.5A
Other			
RJ-45 cable*1, non-shielded, 1.5m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Phone 1	PHILIPS	M20	N/A
B	Phone 2	PHILIPS	M20	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	LAN NB	DELL	E6430	N/A
F	Terminal system	hitron	RAC-500	N/A
G	Flash disk3.0	Transcend	639205 7755	N/A

For Radiated (below 1GHz):

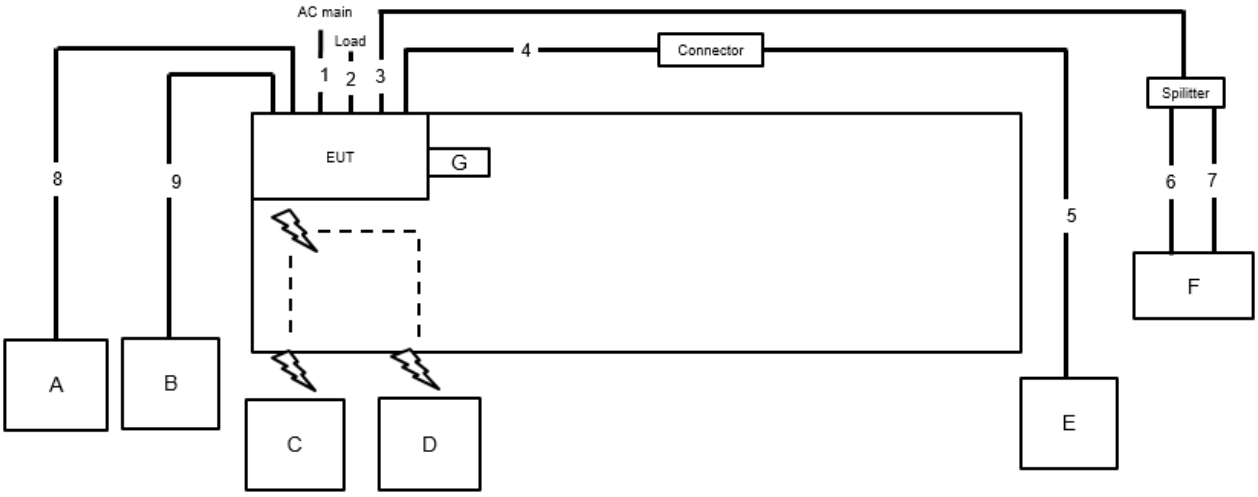
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E4300	N/A
B	Terminal system	Jinghong	JH-HE3416B	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A
E	Flash disk3.0	Transcend	JetFlash-700	N/A
F	Phone	H-T-T	F-689	N/A
G	Phone	H-T-T	F-689	N/A

For Radiated (above 1GHz) and RF Conducted:

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

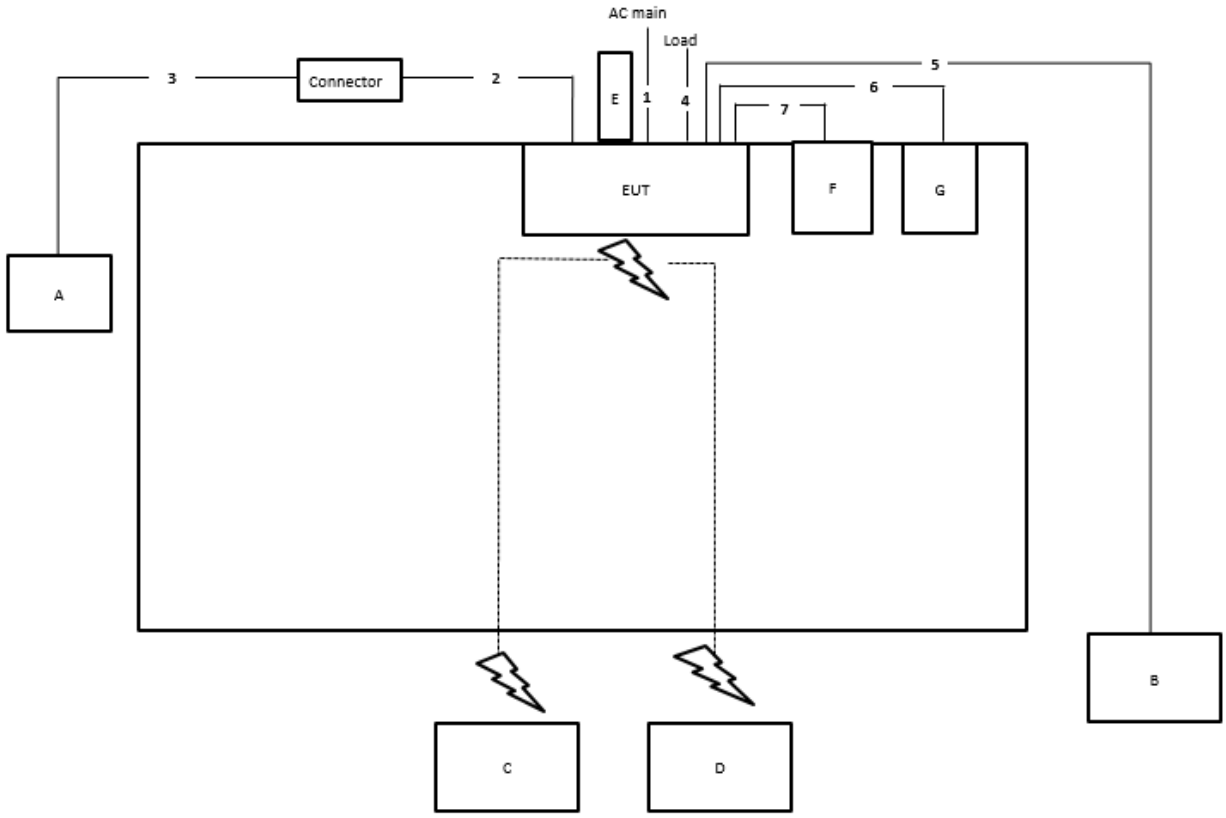
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



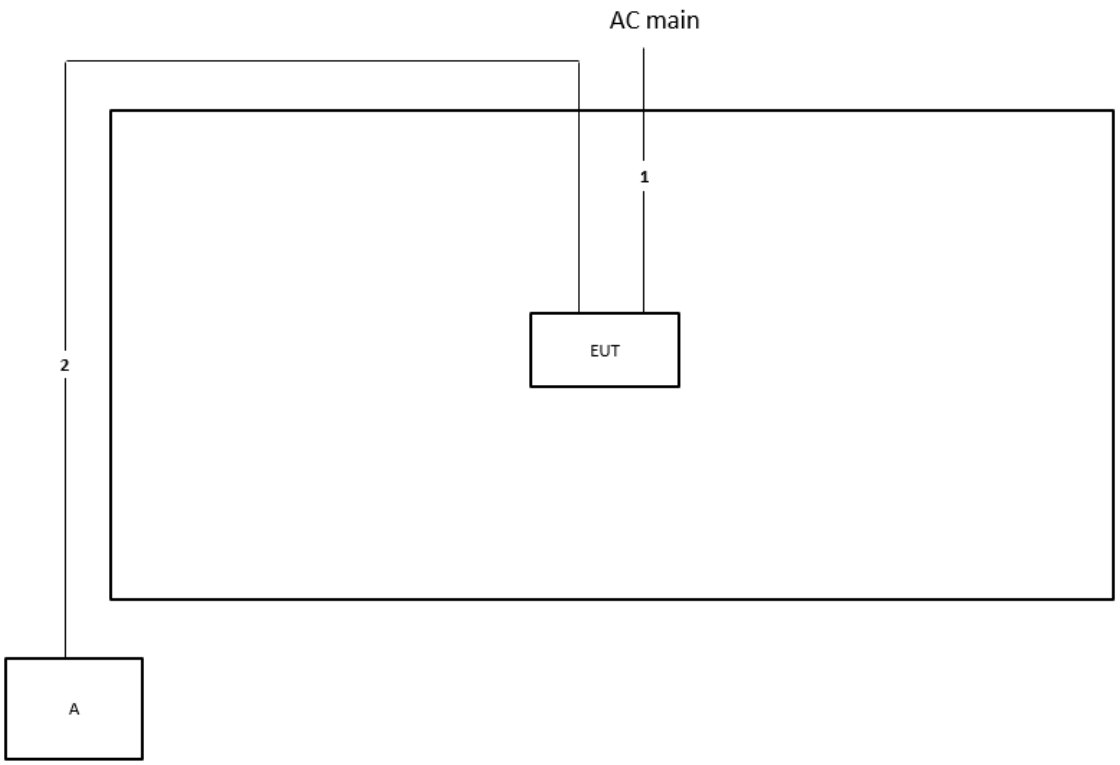
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable*3	No	1.5m
3	Coaxial cable	Yes	10m
4	RJ-45 cable	No	1.5m
5	RJ-45 cable	No	10m
6	Coaxial cable	Yes	1m
7	Coaxial cable	Yes	1m
8	RJ-11 cable	No	10m
9	RJ-11 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

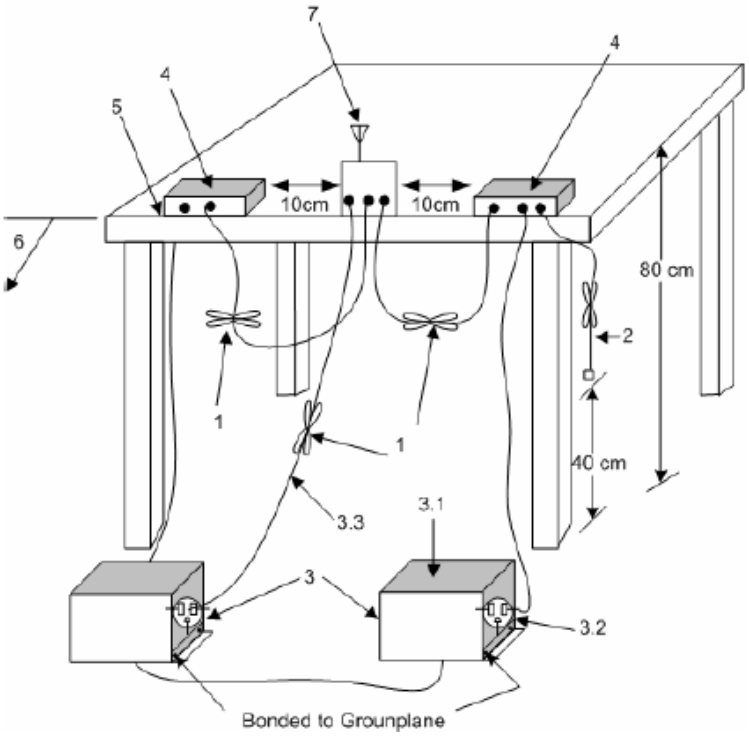
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

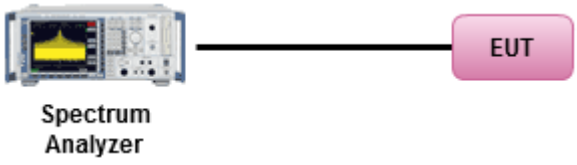
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
	Average over on/off periods with duty factor
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	▪ Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
	▪ Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup

Conducted Measurement (Power Meter)

3.3.5 Test Result of Maximum Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

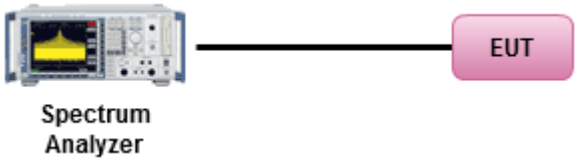
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
	[duty cycle ≥ 98% or external video / power trigger]	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
	duty cycle < 98% and average over on/off periods with duty factor	
	☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒	For conducted measurement.	
	▪	If the EUT supports multiple transmit chains using options given below:
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$
☐	For radiated measurement.	
	▪	Refer as FCC KDB 789033 D02 clause II A.1.F ”Antenna-port Conducted versus Radiated Testing”

Test Method	
	▪ 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

Conducted Measurement


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☐ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.5.2 Measuring Instruments

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

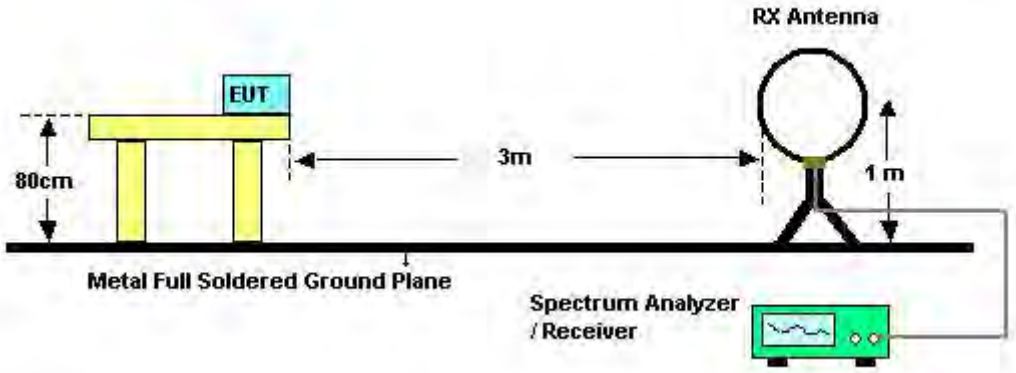
3.5.3 Test Procedures

Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

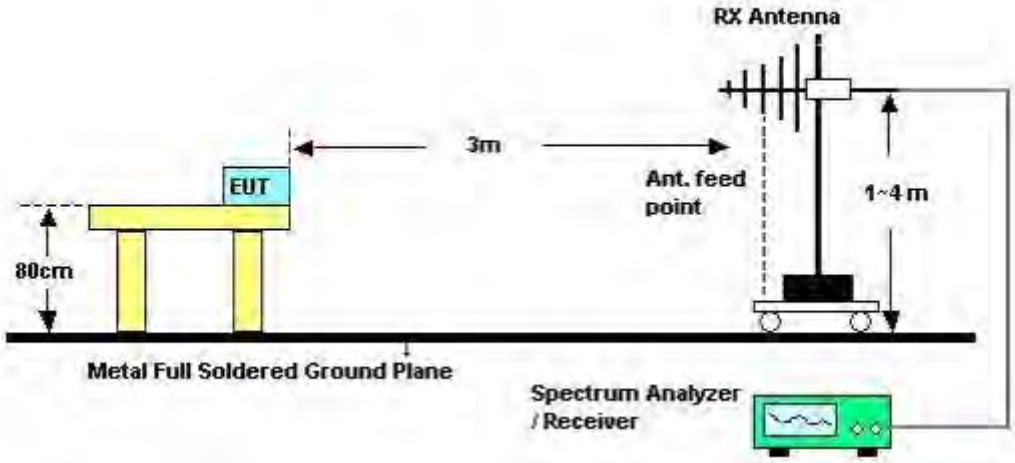
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

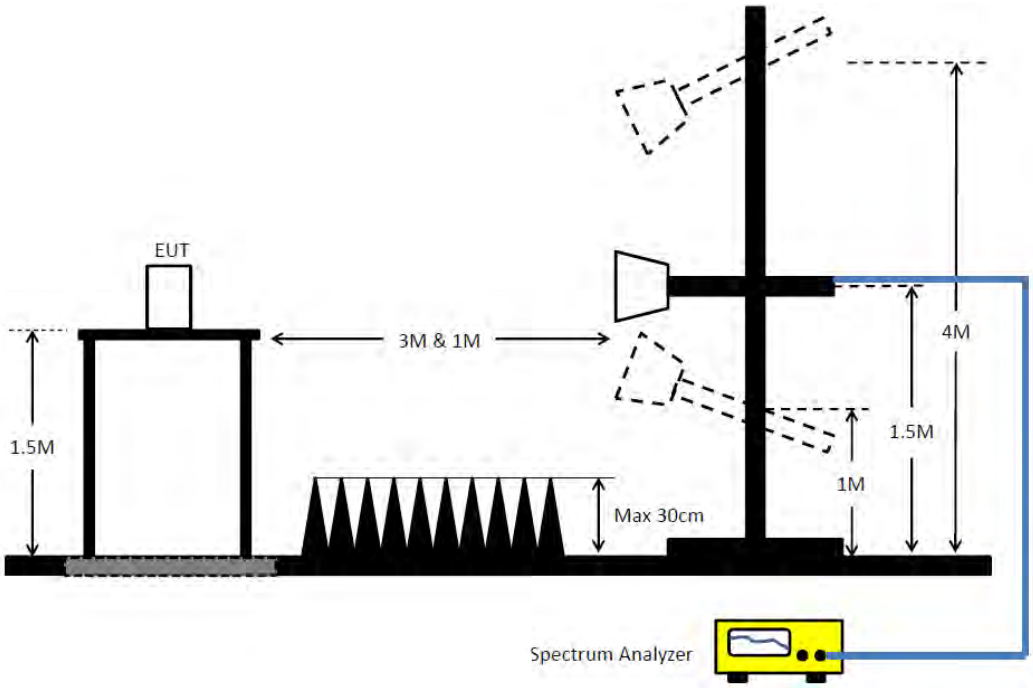
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 06, 2022	Nov. 05, 2023	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	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	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 30, 2022	Dec. 29, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 04, 2022	Sep. 03, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 04, 2022	Sep. 03, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)

Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

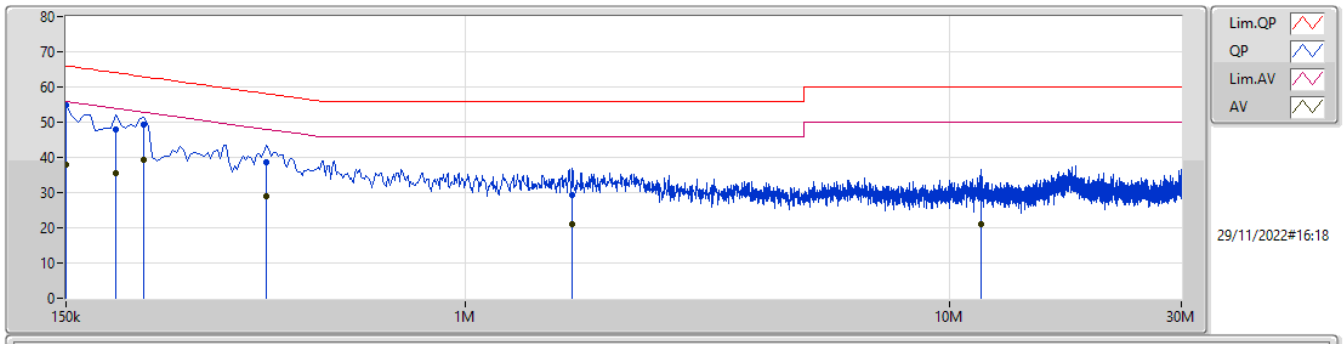
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

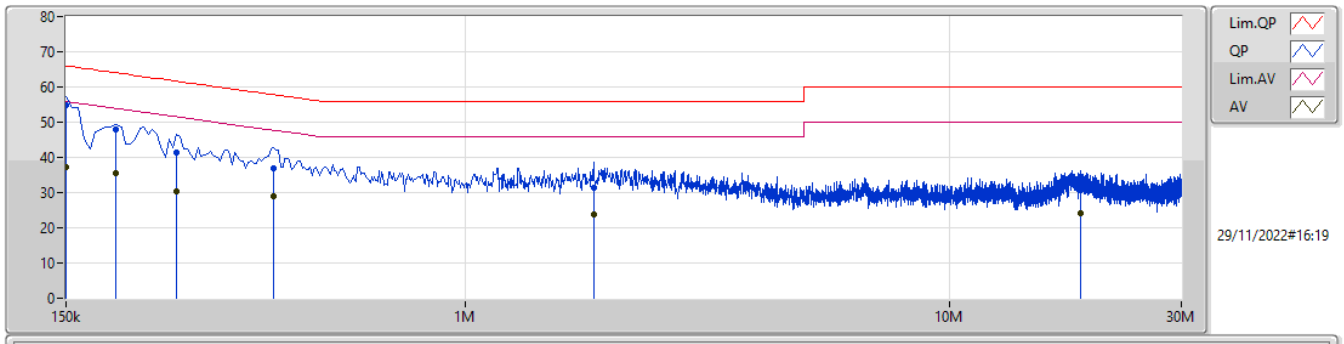
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	54.81	66.00	-11.19	Line

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	54.81	66.00	-11.19	9.99	Line	"Worst"	44.82	0.06	0.04	9.89
AV	150k	37.96	56.00	-18.04	9.99	Line	-	27.97	0.06	0.04	9.89
QP	190.5k	47.85	64.01	-16.16	9.99	Line	-	37.86	0.06	0.04	9.89
AV	190.5k	35.36	54.01	-18.65	9.99	Line	-	25.37	0.06	0.04	9.89
QP	217.5k	49.27	62.92	-13.65	9.99	Line	-	39.28	0.06	0.04	9.89
AV	217.5k	39.44	52.92	-13.48	9.99	Line	-	29.45	0.06	0.04	9.89
QP	388.5k	38.72	58.10	-19.38	10.01	Line	-	28.71	0.06	0.06	9.89
AV	388.5k	29.10	48.10	-19.00	10.01	Line	-	19.09	0.06	0.06	9.89
QP	1.662M	29.38	56.00	-26.62	10.05	Line	-	19.33	0.08	0.08	9.89
AV	1.662M	21.05	46.00	-24.95	10.05	Line	-	11.00	0.08	0.08	9.89
QP	11.612M	29.12	60.00	-30.88	10.32	Line	-	18.80	0.24	0.16	9.92
AV	11.612M	20.98	50.00	-29.02	10.32	Line	-	10.66	0.24	0.16	9.92

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	54.66	66.00	-11.34	10.00	Neutral	"Worst"	44.66	0.07	0.04	9.89
AV	150k	37.27	56.00	-18.73	10.00	Neutral	-	27.27	0.07	0.04	9.89
QP	190.5k	48.02	64.01	-15.99	10.00	Neutral	-	38.02	0.07	0.04	9.89
AV	190.5k	35.46	54.01	-18.55	10.00	Neutral	-	25.46	0.07	0.04	9.89
QP	253.5k	41.34	61.64	-20.30	10.01	Neutral	-	31.33	0.07	0.05	9.89
AV	253.5k	30.32	51.64	-21.32	10.01	Neutral	-	20.31	0.07	0.05	9.89
QP	402k	36.78	57.82	-21.04	10.02	Neutral	-	26.76	0.07	0.06	9.89
AV	402k	29.00	47.82	-18.82	10.02	Neutral	-	18.98	0.07	0.06	9.89
QP	1.838M	31.30	56.00	-24.70	10.07	Neutral	-	21.23	0.10	0.08	9.89
AV	1.838M	23.75	46.00	-22.25	10.07	Neutral	-	13.68	0.10	0.08	9.89
QP	18.623M	30.60	60.00	-29.40	10.46	Neutral	-	20.14	0.29	0.21	9.96
AV	18.623M	24.03	50.00	-25.97	10.46	Neutral	-	13.57	0.29	0.21	9.96

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	35.34M	17.947M	17M9D1D	22.47M	16.477M
802.11ac VHT20_Nss1,(MCS0)_4TX	34.77M	18.093M	18M1D1D	22.14M	17.628M
802.11ac VHT40_Nss1,(MCS0)_4TX	76.8M	37.175M	37M2D1D	39.36M	35.758M
802.11ac VHT80_Nss1,(MCS0)_4TX	83.88M	75.871M	75M9D1D	83.4M	75.796M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	24.132M	24M1D1D	15.42M	16.904M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.61M	22.851M	22M9D1D	15.99M	18.051M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.36M	42.445M	42M4D1D	33.36M	36.628M
802.11ac VHT80_Nss1,(MCS0)_4TX	75.96M	76.164M	76M2D1D	75.24M	75.888M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

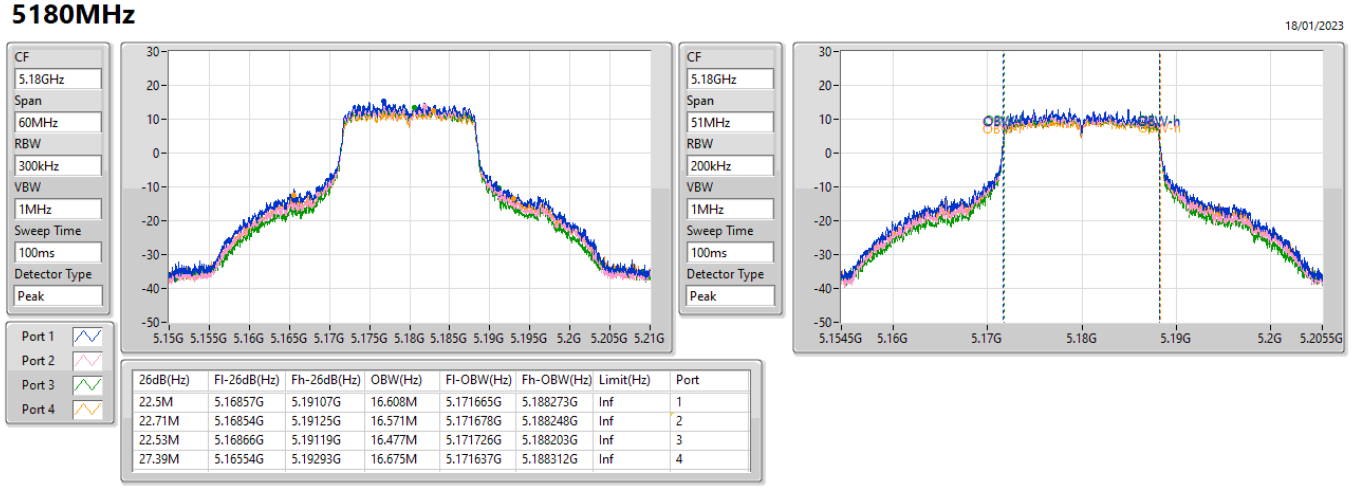
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.5M	16.608M	22.71M	16.571M	22.53M	16.477M	27.39M	16.675M
5200MHz	Pass	Inf	31.29M	16.951M	28.56M	16.791M	25.14M	16.601M	35.34M	17.947M
5240MHz	Pass	Inf	27.57M	16.791M	26.61M	16.615M	22.47M	16.49M	34.14M	17.264M
5745MHz	Pass	500k	16.29M	19.751M	15.42M	16.904M	16.32M	21.879M	16.35M	23.291M
5785MHz	Pass	500k	16.32M	21.391M	16.32M	17.489M	16.32M	24.132M	16.32M	23.678M
5825MHz	Pass	500k	16.29M	21.477M	16.29M	17.974M	15.99M	23.389M	16.29M	22.499M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	27.42M	17.824M	27.54M	17.746M	22.38M	17.655M	27.75M	17.823M
5200MHz	Pass	Inf	28.86M	17.898M	28.65M	17.793M	22.41M	17.683M	34.77M	18.093M
5240MHz	Pass	Inf	28.17M	17.826M	23.25M	17.71M	22.14M	17.628M	32.67M	17.954M
5745MHz	Pass	500k	17.61M	20.958M	15.99M	18.051M	17.52M	22.851M	17.55M	22.142M
5785MHz	Pass	500k	17.58M	21.735M	16.02M	18.301M	17.55M	22.364M	17.55M	21.947M
5825MHz	Pass	500k	17.58M	21.337M	16.89M	18.513M	17.55M	21.671M	17.58M	20.961M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.36M	35.758M	39.72M	35.813M	40.14M	35.897M	40.2M	35.881M
5230MHz	Pass	Inf	54.78M	36.197M	55.68M	36.108M	55.92M	36.221M	76.8M	37.175M
5755MHz	Pass	500k	33.36M	36.831M	36.36M	36.628M	34.44M	37.986M	35.34M	37.532M
5795MHz	Pass	500k	33.78M	39.622M	35.28M	36.946M	34.68M	42.214M	35.04M	42.445M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	83.4M	75.802M	83.64M	75.871M	83.88M	75.796M	83.64M	75.824M
5775MHz	Pass	500k	75.24M	75.888M	75.48M	76.017M	75.6M	76.148M	75.96M	76.164M

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

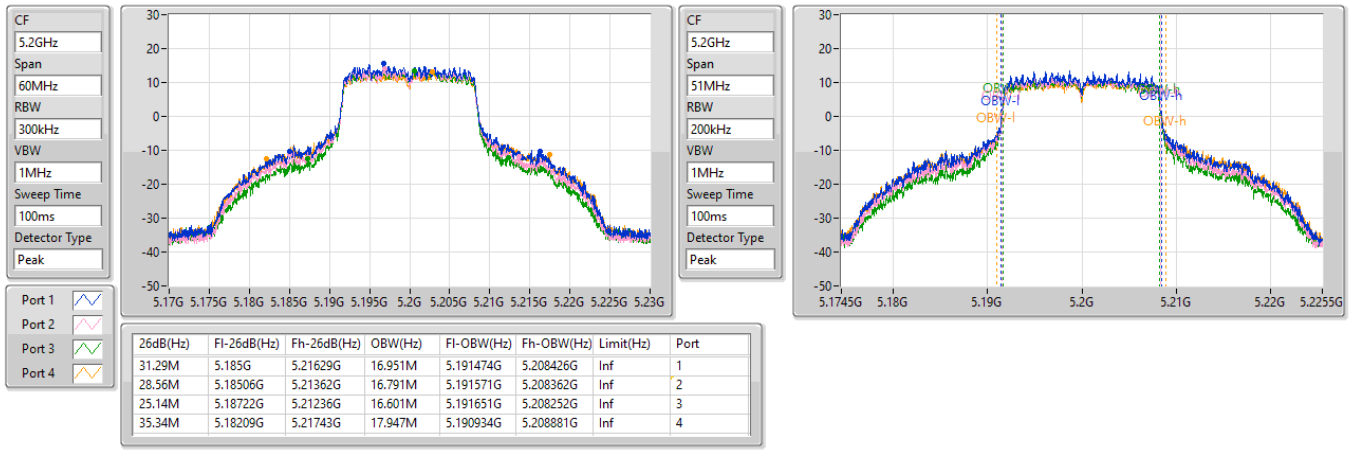
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.5M	5.16857G	5.19107G	16.608M	5.171665G	5.188273G	Inf	1
22.71M	5.16854G	5.19125G	16.571M	5.171678G	5.188248G	Inf	2
22.53M	5.16866G	5.19119G	16.477M	5.171726G	5.188203G	Inf	3
27.39M	5.16554G	5.19293G	16.675M	5.171637G	5.188312G	Inf	4

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

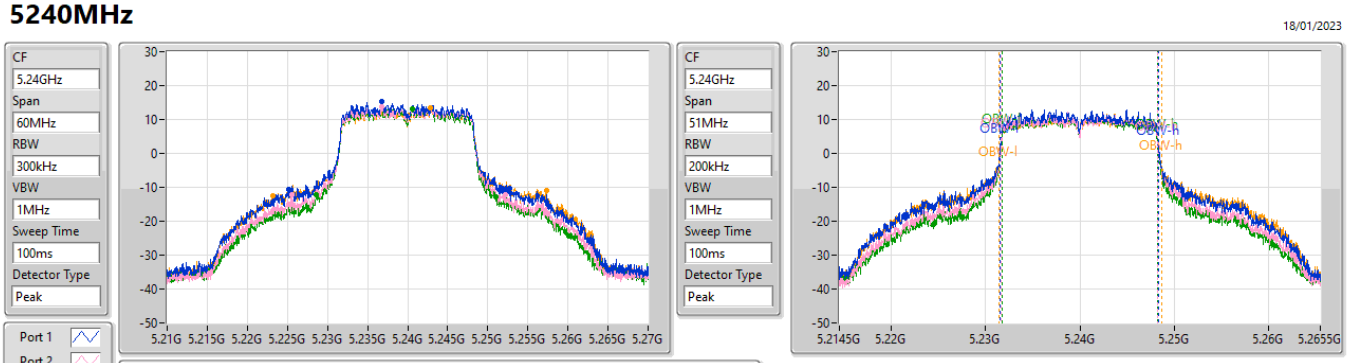
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.29M	5.185G	5.21629G	16.951M	5.191474G	5.208426G	Inf	1
28.56M	5.18506G	5.21362G	16.791M	5.191571G	5.208362G	Inf	2
25.14M	5.18722G	5.21236G	16.601M	5.191651G	5.208252G	Inf	3
35.34M	5.18209G	5.21743G	17.947M	5.190934G	5.208881G	Inf	4

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

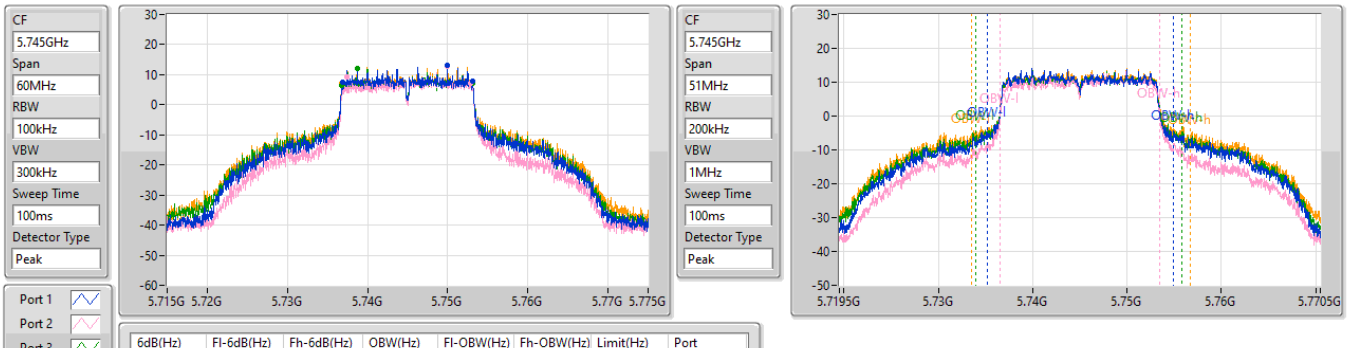
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.57M	5.22515G	5.25272G	16.791M	5.23157G	5.248361G	Inf	1
26.61M	5.2256G	5.25221G	16.615M	5.231663G	5.248278G	Inf	2
22.47M	5.2286G	5.25107G	16.49M	5.23171G	5.2482G	Inf	3
34.14M	5.22323G	5.25737G	17.264M	5.231394G	5.248657G	Inf	4

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

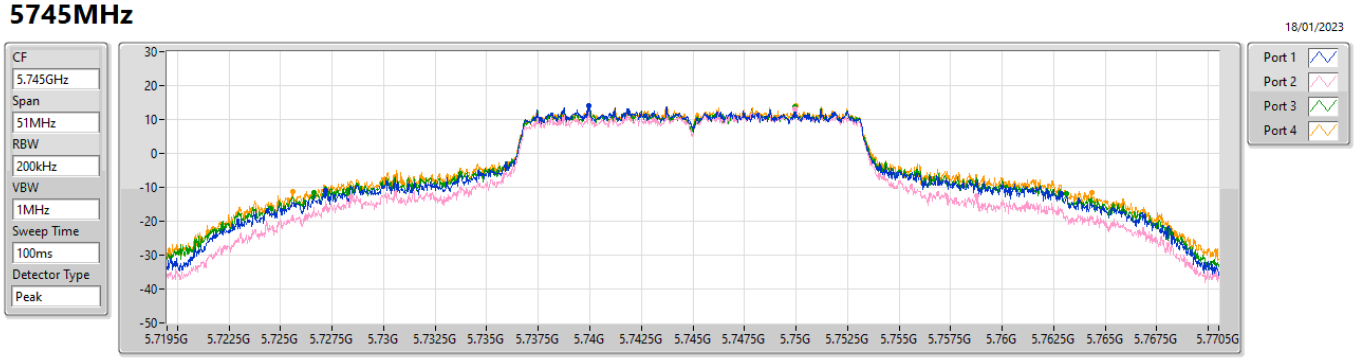
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.73684G	5.75313G	19.751M	5.735224G	5.754975G	500k	1
15.42M	5.73744G	5.75286G	16.904M	5.736532G	5.753436G	500k	2
16.32M	5.73681G	5.75313G	21.879M	5.733981G	5.75586G	500k	3
16.35M	5.73681G	5.75316G	23.291M	5.733456G	5.756747G	500k	4

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

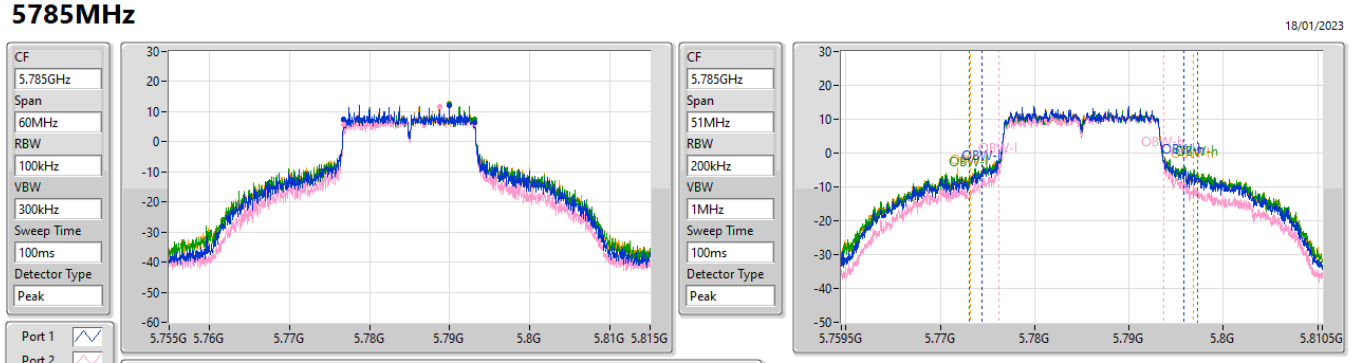
5745MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
35.675M	5.727176G	5.76285G	Inf	1
30.32M	5.728425G	5.758745G	Inf	2
36.465M	5.72664G	5.763105G	Inf	3
38.735M	5.725595G	5.764329G	Inf	4

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

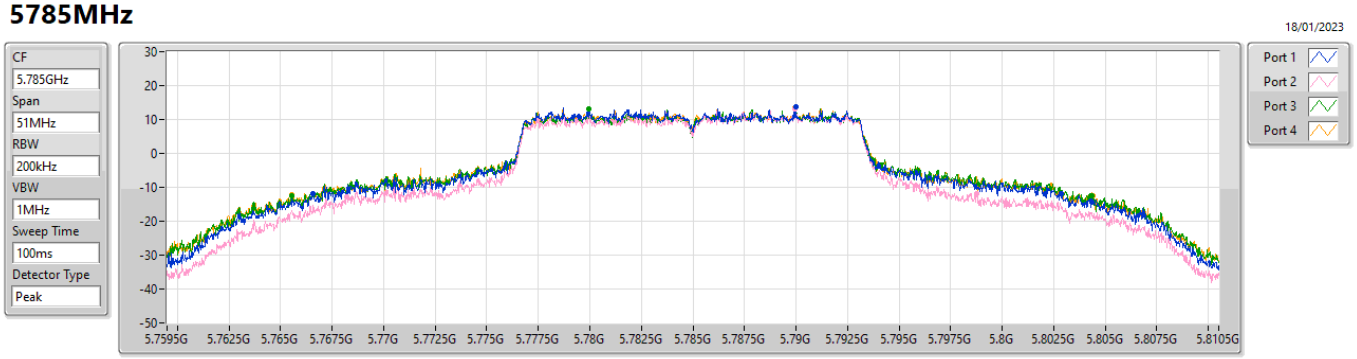
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77681G	5.79313G	21.391M	5.774404G	5.795795G	500k	1
16.32M	5.77681G	5.79313G	17.489M	5.776159G	5.793649G	500k	2
16.32M	5.77681G	5.79313G	24.132M	5.773103G	5.797235G	500k	3
16.32M	5.77681G	5.79313G	23.678M	5.773147G	5.796824G	500k	4

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

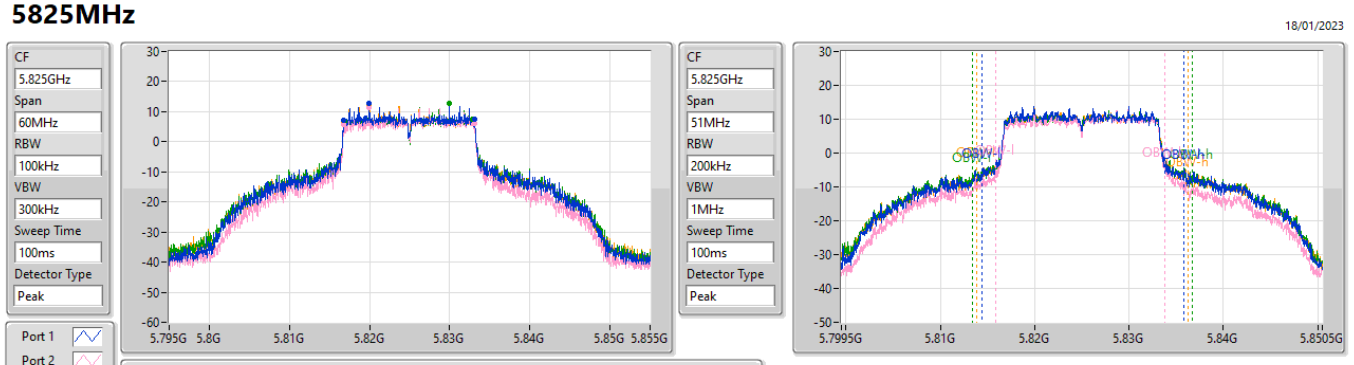
5785MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.261M	5.766589G	5.80285G	Inf	1
30.549M	5.768221G	5.79877G	Inf	2
38.811M	5.765544G	5.804355G	Inf	3
38.837M	5.765544G	5.80438G	Inf	4

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

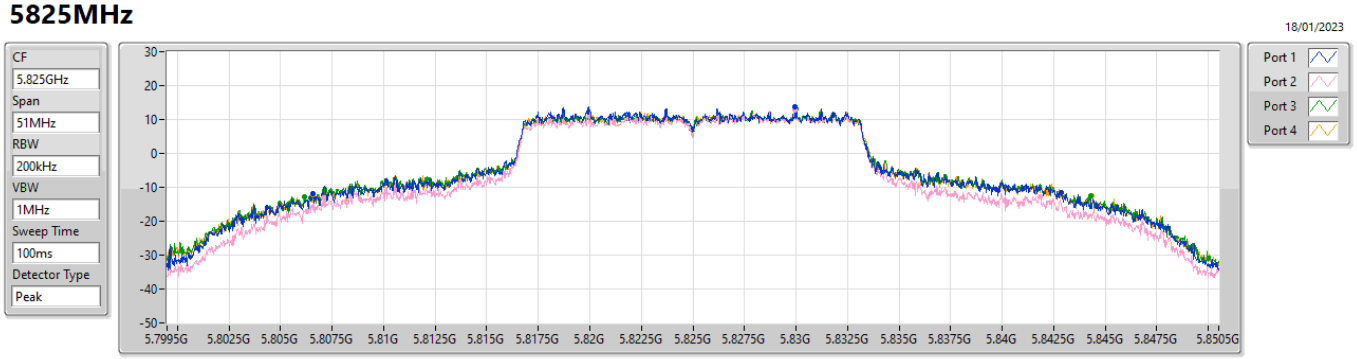
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81681G	5.8331G	21.477M	5.814379G	5.835857G	500k	1
16.29M	5.81681G	5.8331G	17.974M	5.815873G	5.833847G	500k	2
15.99M	5.81684G	5.83283G	23.389M	5.813351G	5.83674G	500k	3
16.29M	5.81681G	5.8331G	22.499M	5.813797G	5.836296G	500k	4

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

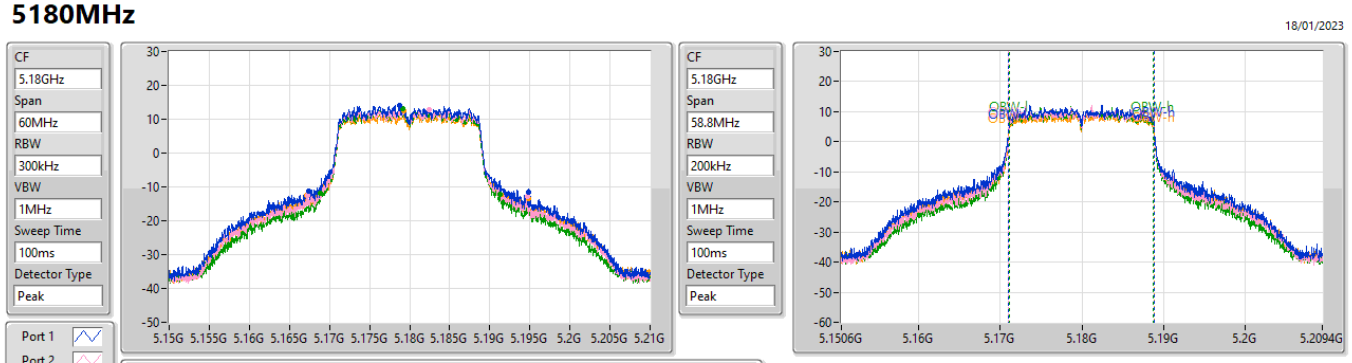
5825MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.287M	5.806589G	5.842876G	Inf	1
34.757M	5.807099G	5.841856G	Inf	2
38.123M	5.806181G	5.844304G	Inf	3
37.74M	5.806589G	5.844329G	Inf	4

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5180MHz



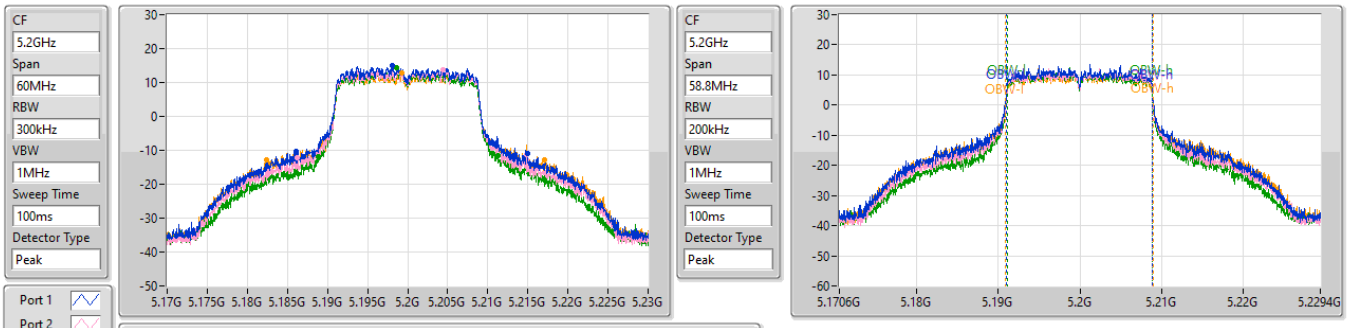
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.42M	5.16746G	5.19488G	17.824M	5.171023G	5.188846G	Inf	1
27.54M	5.16722G	5.19476G	17.746M	5.17107G	5.188816G	Inf	2
22.38M	5.1689G	5.19128G	17.655M	5.171116G	5.188771G	Inf	3
27.75M	5.16713G	5.19488G	17.823M	5.171036G	5.188859G	Inf	4

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

19/01/2023



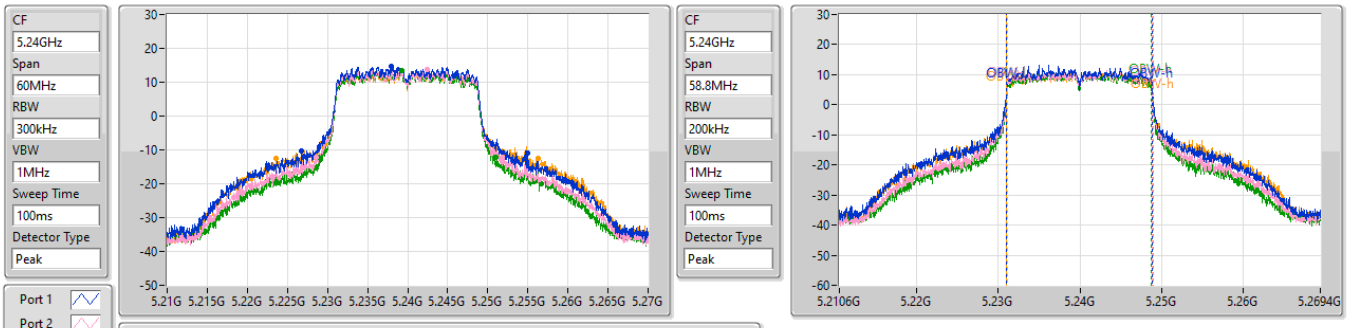
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.86M	5.18614G	5.215G	17.898M	5.190999G	5.208898G	Inf	1
28.65M	5.18617G	5.21482G	17.793M	5.19107G	5.208863G	Inf	2
22.41M	5.18887G	5.21128G	17.683M	5.191116G	5.208799G	Inf	3
34.77M	5.18233G	5.2171G	18.093M	5.190933G	5.209026G	Inf	4

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

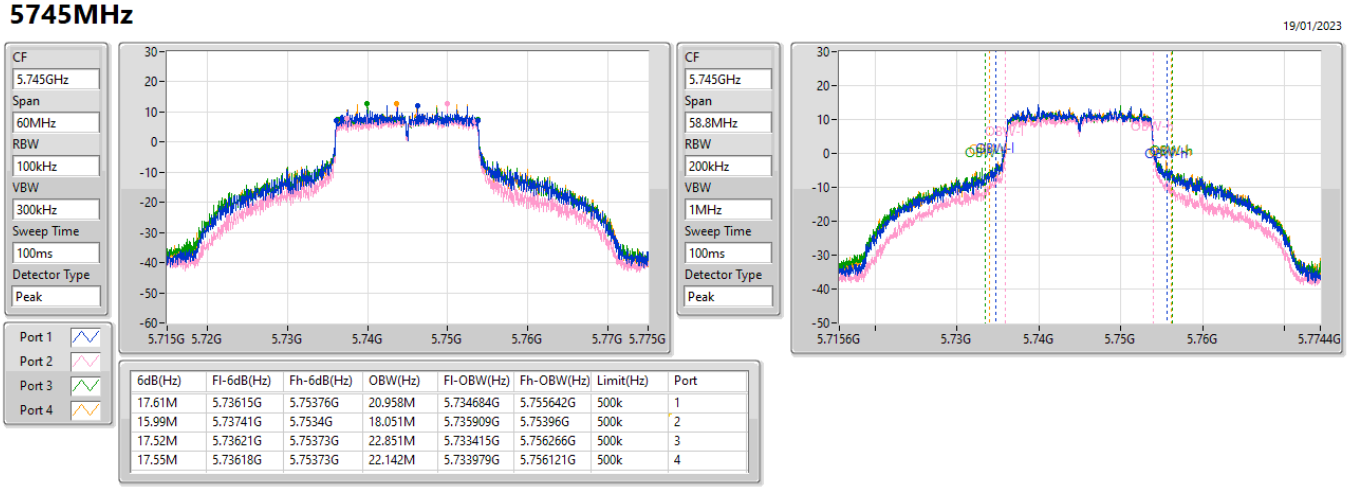
19/01/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.17M	5.22674G	5.25491G	17.826M	5.231035G	5.248861G	Inf	1
23.25M	5.22857G	5.25182G	17.71M	5.231111G	5.248821G	Inf	2
22.14M	5.2289G	5.25104G	17.628M	5.231139G	5.248767G	Inf	3
32.67M	5.22362G	5.25629G	17.954M	5.231015G	5.248968G	Inf	4

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

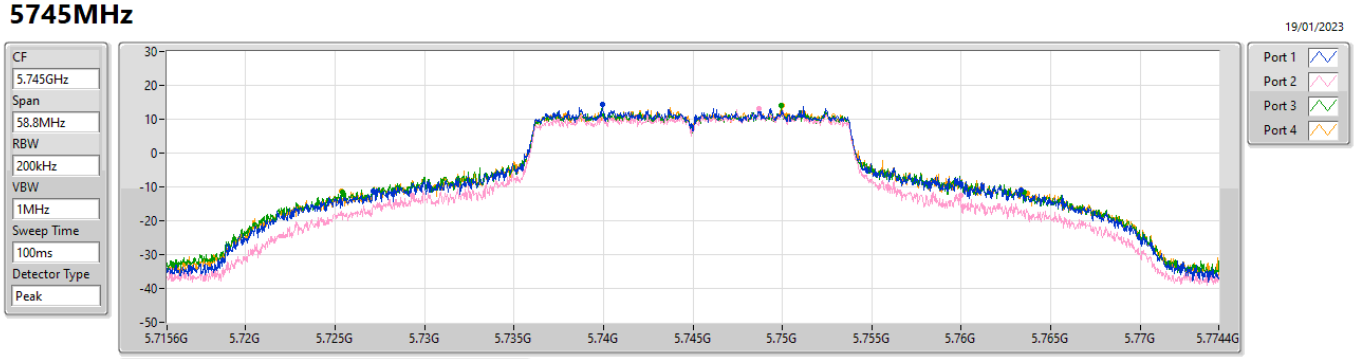
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.61M	5.73615G	5.75376G	20.958M	5.734684G	5.755642G	500k	1
15.99M	5.73741G	5.7534G	18.051M	5.735909G	5.75396G	500k	2
17.52M	5.73621G	5.75373G	22.851M	5.733415G	5.756266G	500k	3
17.55M	5.73618G	5.75373G	22.142M	5.733979G	5.756121G	500k	4

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5745MHz

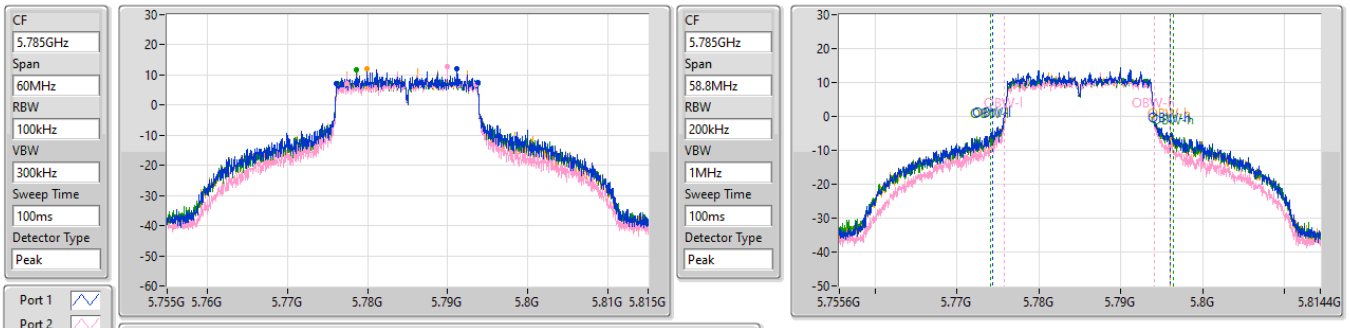


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.25M	5.727125G	5.763375G	Inf	1
30.664M	5.72933G	5.759994G	Inf	2
38.161M	5.72539G	5.763551G	Inf	3
38.367M	5.725331G	5.763698G	Inf	4

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5785MHz

19/01/2023

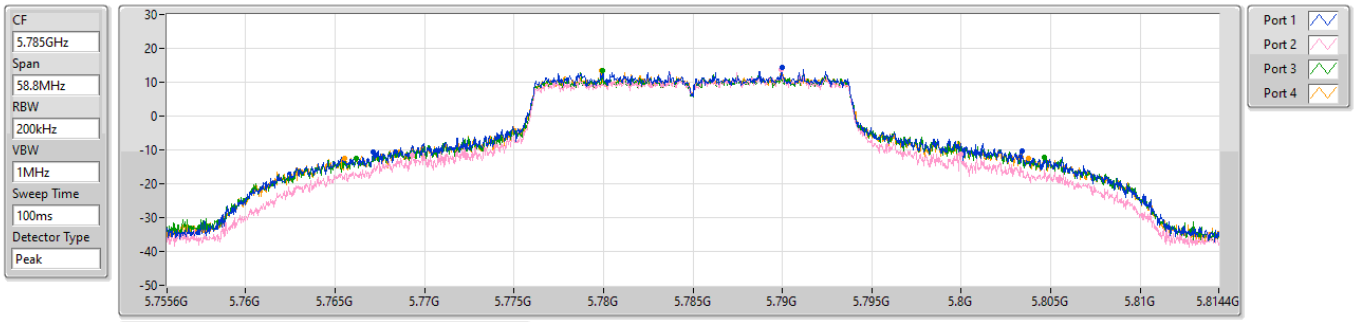


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.77615G	5.79373G	21.735M	5.774293G	5.796028G	500k	1
16.02M	5.77744G	5.79346G	18.301M	5.775808G	5.794109G	500k	2
17.55M	5.77618G	5.79373G	22.364M	5.774067G	5.796431G	500k	3
17.55M	5.77618G	5.79373G	21.947M	5.77407G	5.796017G	500k	4

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5785MHz

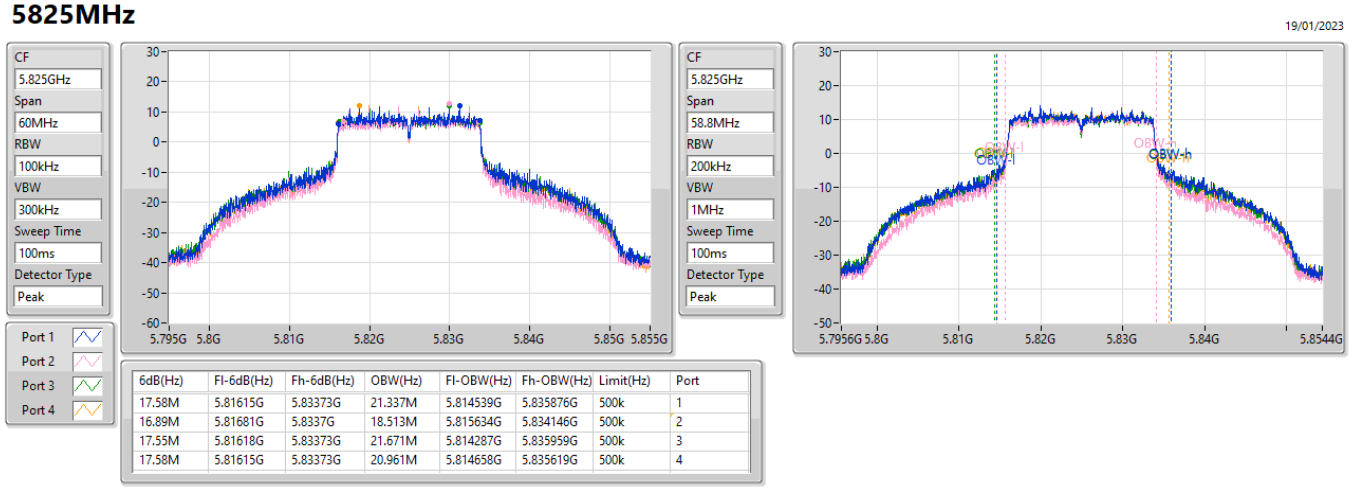
19/01/2023



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.309M	5.767095G	5.803404G	Inf	1
30.664M	5.7693G	5.799965G	Inf	2
38.485M	5.766155G	5.804639G	Inf	3
38.22M	5.765537G	5.803757G	Inf	4

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

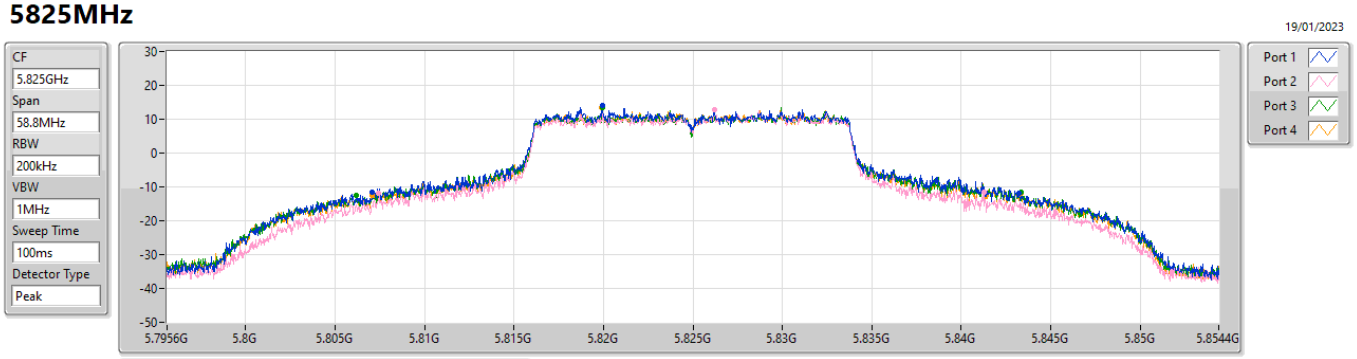
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.58M	5.81615G	5.83373G	21.337M	5.814539G	5.835876G	500k	1
16.89M	5.81681G	5.8337G	18.513M	5.815634G	5.834146G	500k	2
17.55M	5.81618G	5.83373G	21.671M	5.814287G	5.835959G	500k	3
17.58M	5.81615G	5.83373G	20.961M	5.814658G	5.835619G	500k	4

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5825MHz



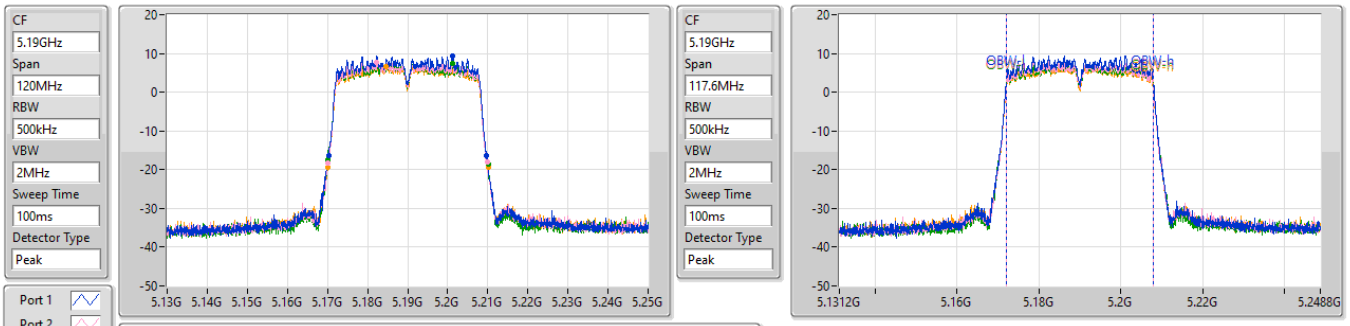
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
36.191M	5.807066G	5.843257G	Inf	1
33.81M	5.807448G	5.841258G	Inf	2
37.191M	5.806184G	5.843375G	Inf	3
36.338M	5.807037G	5.843375G	Inf	4

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

19/01/2023



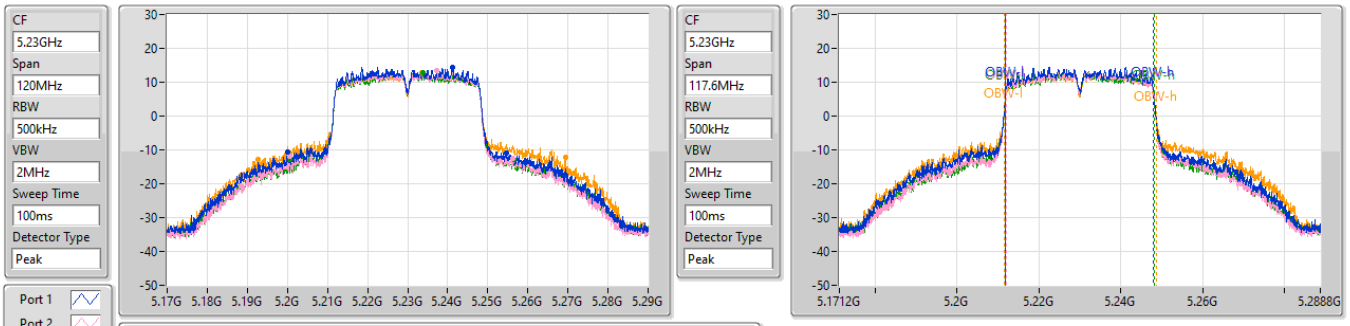
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.36M	5.17032G	5.20968G	35.758M	5.172129G	5.207887G	Inf	1
39.72M	5.17008G	5.2098G	35.813M	5.17207G	5.207884G	Inf	2
40.14M	5.16996G	5.2101G	35.897M	5.172052G	5.207949G	Inf	3
40.2M	5.16996G	5.21016G	35.881M	5.172047G	5.207928G	Inf	4

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

19/01/2023

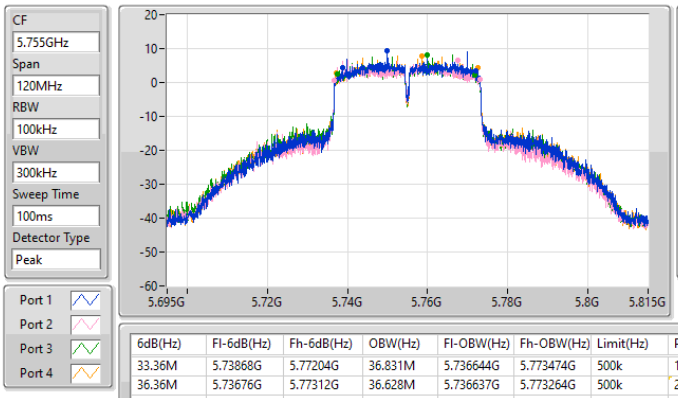


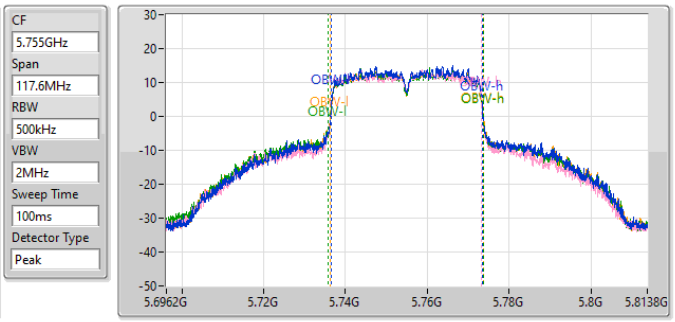
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
54.78M	5.19994G	5.25472G	36.197M	5.211888G	5.248084G	Inf	1
55.68M	5.20066G	5.25634G	36.108M	5.211937G	5.248045G	Inf	2
55.92M	5.20066G	5.25658G	36.221M	5.21188G	5.248101G	Inf	3
76.8M	5.19262G	5.26942G	37.175M	5.211527G	5.248702G	Inf	4

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5755MHz

19/01/2023



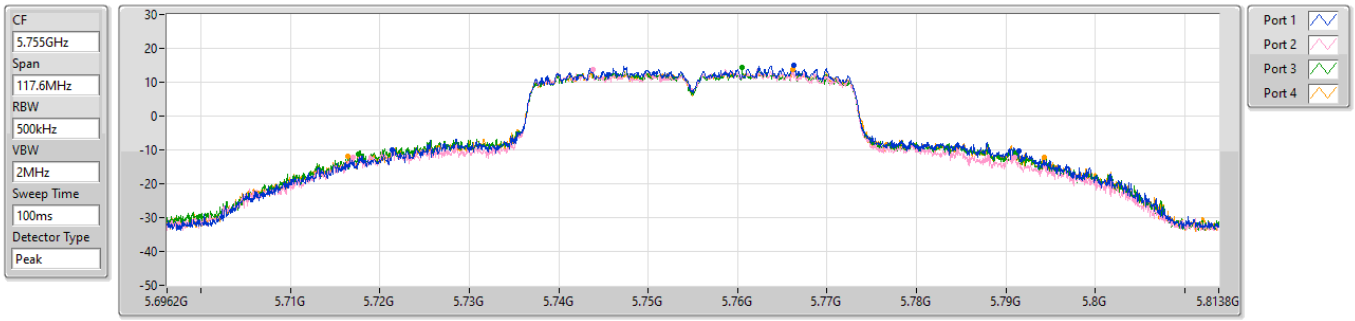


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.36M	5.73868G	5.77204G	36.831M	5.736644G	5.773474G	500k	1
36.36M	5.73676G	5.77312G	36.628M	5.736637G	5.773264G	500k	2
34.44M	5.73742G	5.77186G	37.986M	5.735674G	5.77366G	500k	3
35.34M	5.73718G	5.77252G	37.532M	5.736239G	5.773771G	500k	4

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5755MHz

19/01/2023

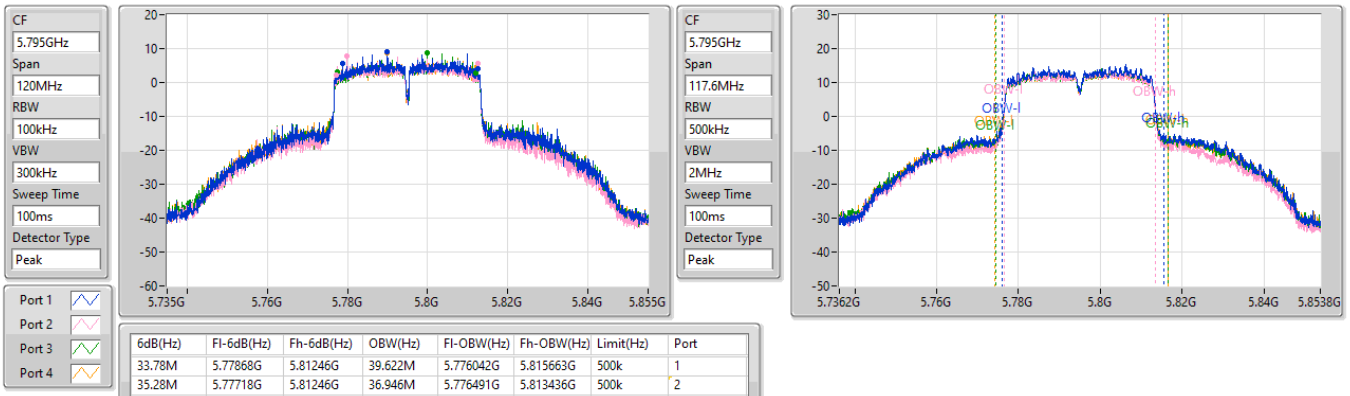


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
70.031M	5.721425G	5.791456G	Inf	1
73.97M	5.717015G	5.790986G	Inf	2
73.559M	5.717544G	5.791103G	Inf	3
77.851M	5.716427G	5.794278G	Inf	4

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5795MHz

19/01/2023

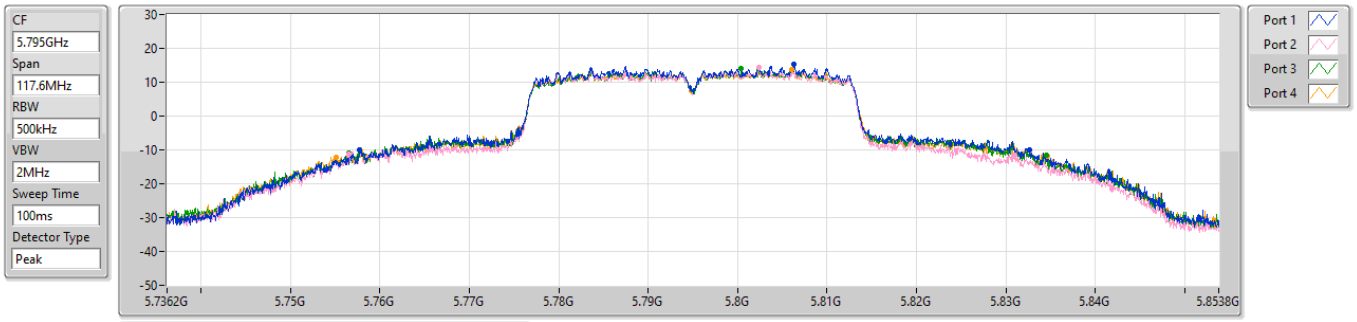


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.78M	5.77868G	5.81246G	39.622M	5.776042G	5.815663G	500k	1
35.28M	5.77718G	5.81246G	36.946M	5.776491G	5.813436G	500k	2
34.68M	5.77742G	5.8121G	42.214M	5.774463G	5.816677G	500k	3
35.04M	5.77736G	5.8124G	42.445M	5.77409G	5.816534G	500k	4

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX **EBW**

5795MHz

19/01/2023



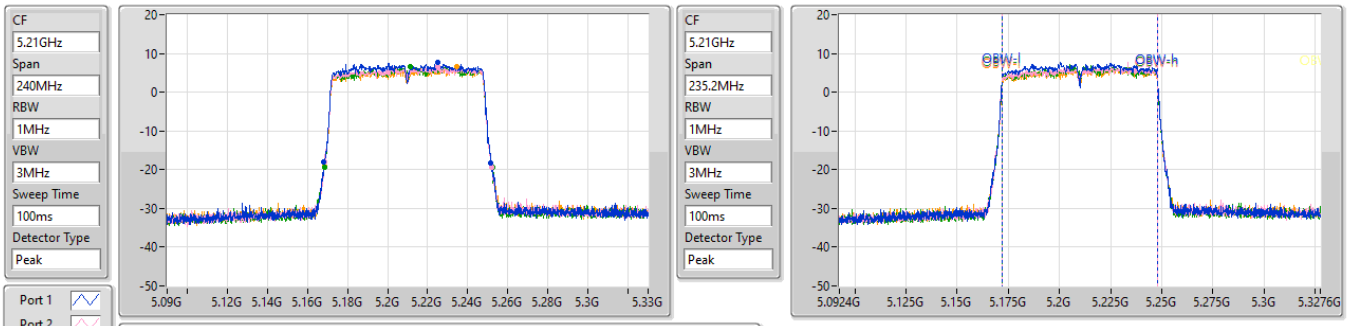
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
74.911M	5.757721G	5.832632G	Inf	1
74.5M	5.756486G	5.830986G	Inf	2
78.028M	5.756545G	5.834572G	Inf	3
79.615M	5.755075G	5.83469G	Inf	4

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

19/01/2023



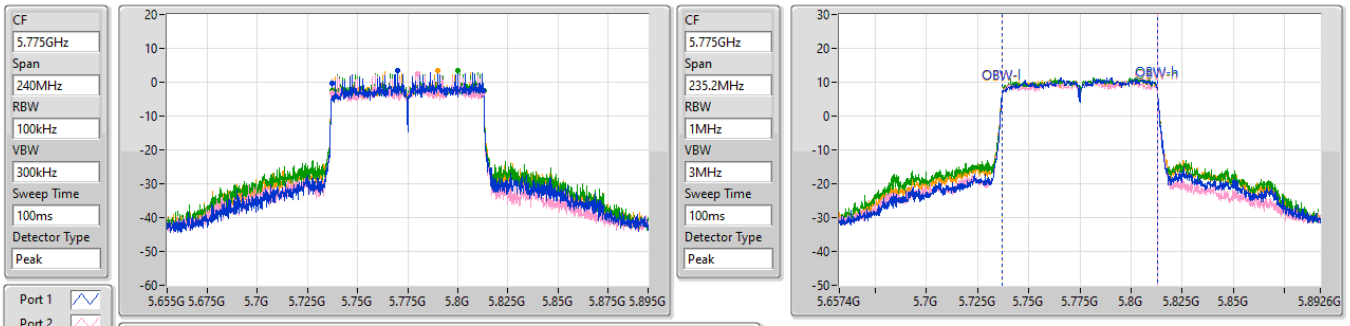
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.4M	5.16812G	5.25152G	75.802M	5.172108G	5.24791G	Inf	1
83.64M	5.16836G	5.252G	75.871M	5.172099G	5.247971G	Inf	2
83.88M	5.16848G	5.25236G	75.796M	5.17212G	5.247915G	Inf	3
83.64M	5.16836G	5.252G	75.824M	5.172125G	5.24795G	Inf	4

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

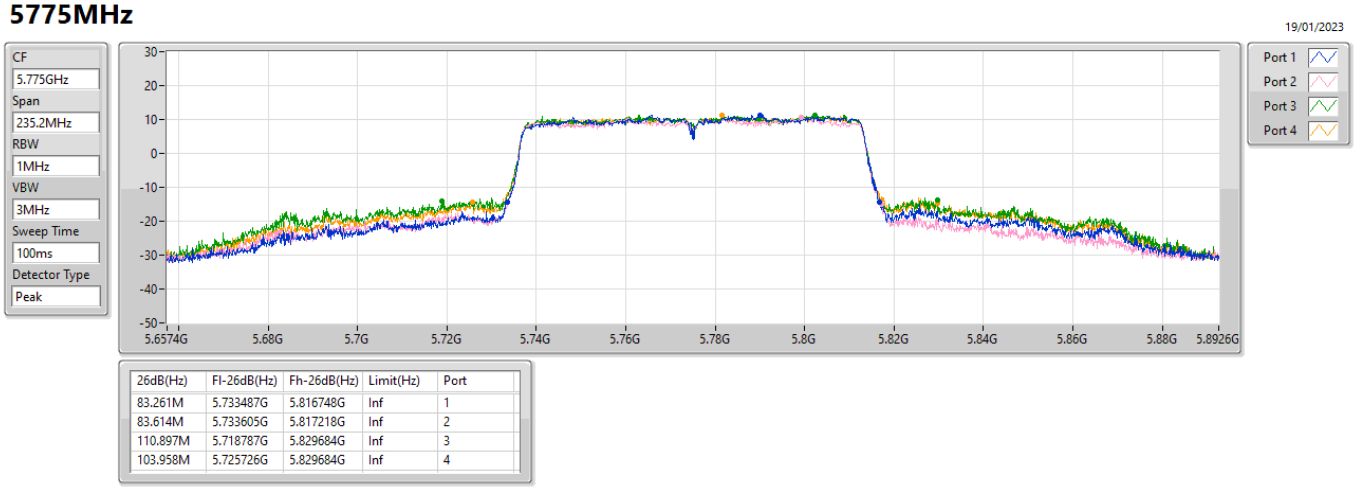
19/01/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.24M	5.73744G	5.81268G	75.888M	5.737136G	5.813024G	500k	1
75.48M	5.7372G	5.81268G	76.017M	5.736969G	5.812986G	500k	2
75.6M	5.73744G	5.81304G	76.148M	5.736903G	5.813051G	500k	3
75.96M	5.7372G	5.81316G	76.164M	5.73695G	5.813114G	500k	4

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX **EBW**

5775MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
83.261M	5.733487G	5.816748G	Inf	1
83.614M	5.733605G	5.817218G	Inf	2
110.897M	5.718787G	5.829684G	Inf	3
103.958M	5.725726G	5.829684G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.49	0.70632
802.11ac VHT20_Nss1,(MCS0)_4TX	28.35	0.68391
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.93	0.62087
802.11ac VHT40_Nss1,(MCS0)_4TX	28.31	0.67764
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	27.85	0.60954
802.11ac VHT80_Nss1,(MCS0)_4TX	21.65	0.14622
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.65	0.14622
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.57	0.90573
802.11ac VHT20_Nss1,(MCS0)_4TX	29.38	0.86696
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	27.87	0.61235
802.11ac VHT40_Nss1,(MCS0)_4TX	28.79	0.75683
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.05	0.63826
802.11ac VHT80_Nss1,(MCS0)_4TX	25.96	0.39446
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	25.96	0.39446

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	1.97	22.77	22.13	21.89	21.18	28.05	30.00
5200MHz	Pass	1.97	23.19	22.49	22.20	21.87	28.49	30.00
5240MHz	Pass	1.97	23.16	22.34	21.90	21.99	28.40	30.00
5745MHz	Pass	1.97	23.79	22.78	23.51	24.03	29.57	30.00
5785MHz	Pass	1.97	23.90	22.69	23.24	23.46	29.36	30.00
5825MHz	Pass	1.97	23.20	22.45	22.68	22.69	28.78	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.97	22.76	21.93	21.74	21.02	27.93	30.00
5200MHz	Pass	1.97	23.11	22.35	22.10	21.63	28.35	30.00
5240MHz	Pass	1.97	23.12	22.27	21.75	22.03	28.34	30.00
5745MHz	Pass	1.97	23.80	22.69	23.32	23.54	29.38	30.00
5785MHz	Pass	1.97	23.54	21.94	22.88	23.07	28.92	30.00
5825MHz	Pass	1.97	23.27	22.51	22.76	22.87	28.88	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.97	17.73	17.01	16.86	16.44	23.06	30.00
5230MHz	Pass	1.97	22.82	22.23	22.00	22.05	28.31	30.00
5755MHz	Pass	1.97	22.95	22.32	22.46	22.54	28.59	30.00
5795MHz	Pass	1.97	23.16	22.52	22.62	22.74	28.79	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.97	16.47	15.04	15.55	15.34	21.65	30.00
5775MHz	Pass	1.97	19.89	19.48	20.15	20.20	25.96	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.91	22.76	21.93	21.74	21.02	27.93	28.09
5200MHz	Pass	7.91	22.73	21.94	21.60	21.23	27.93	28.09
5240MHz	Pass	7.91	22.62	21.74	21.14	21.36	27.77	28.09
5745MHz	Pass	7.91	22.07	21.15	21.82	22.24	27.86	28.09
5785MHz	Pass	7.91	22.01	21.12	21.92	22.25	27.87	28.09
5825MHz	Pass	7.91	21.78	21.13	22.18	22.23	27.87	28.09
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.91	17.73	17.01	16.86	16.44	23.06	28.09
5230MHz	Pass	7.91	22.36	21.79	21.45	21.66	27.85	28.09
5755MHz	Pass	7.91	22.16	21.38	22.29	22.20	28.04	28.09
5795MHz	Pass	7.91	21.97	21.41	22.36	22.32	28.05	28.09
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.91	16.47	15.04	15.55	15.34	21.65	28.09
5775MHz	Pass	7.91	19.89	19.48	20.15	20.20	25.96	28.09

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.04	22.95
802.11ac VHT20_Nss1,(MCS0)_4TX	14.82	22.73
802.11ac VHT40_Nss1,(MCS0)_4TX	12.20	20.11
802.11ac VHT80_Nss1,(MCS0)_4TX	2.31	10.22
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.48	22.39
802.11ac VHT20_Nss1,(MCS0)_4TX	14.25	22.16
802.11ac VHT40_Nss1,(MCS0)_4TX	11.22	19.13
802.11ac VHT80_Nss1,(MCS0)_4TX	5.01	12.92

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

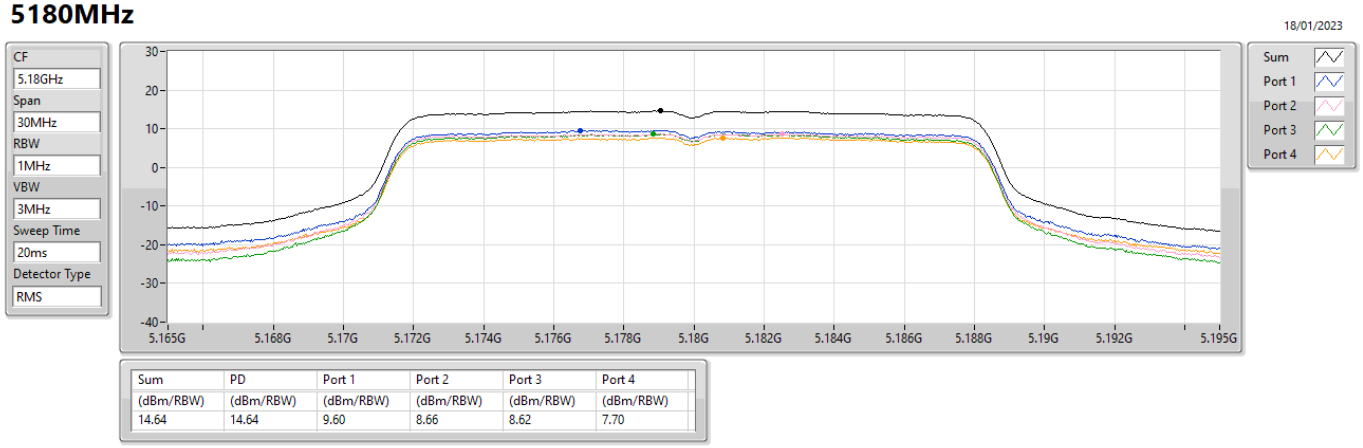
Result

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.91	9.60	8.66	8.62	7.70	14.64	15.09	22.55	23.00
5200MHz	Pass	7.91	9.98	9.09	8.97	8.40	15.04	15.09	22.95	23.00
5240MHz	Pass	7.91	9.91	8.96	8.65	8.66	14.98	15.09	22.89	23.00
5745MHz	Pass	7.91	8.86	8.24	8.51	8.94	14.48	28.09	22.39	36.00
5785MHz	Pass	7.91	8.75	8.16	8.23	8.24	14.16	28.09	22.07	36.00
5825MHz	Pass	7.91	8.53	7.87	7.99	8.05	13.94	28.09	21.85	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	7.91	9.19	8.14	8.04	7.20	14.12	15.09	22.03	23.00
5200MHz	Pass	7.91	9.68	8.62	8.49	7.84	14.63	15.09	22.54	23.00
5240MHz	Pass	7.91	9.79	8.77	8.48	8.55	14.82	15.09	22.73	23.00
5745MHz	Pass	7.91	8.88	8.10	8.21	8.40	14.25	28.09	22.16	36.00
5785MHz	Pass	7.91	8.46	8.00	7.80	7.82	13.85	28.09	21.76	36.00
5825MHz	Pass	7.91	8.44	7.82	7.66	7.77	13.74	28.09	21.65	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	7.91	1.91	0.69	0.90	0.31	6.93	15.09	14.84	23.00
5230MHz	Pass	7.91	6.95	6.10	6.17	6.12	12.20	15.09	20.11	23.00
5755MHz	Pass	7.91	5.35	5.00	4.94	5.11	11.04	28.09	18.95	36.00
5795MHz	Pass	7.91	5.61	5.18	5.40	5.21	11.22	28.09	19.13	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	7.91	-2.81	-3.90	-3.63	-4.11	2.31	15.09	10.22	23.00
5775MHz	Pass	7.91	-0.74	-1.26	-0.49	-0.55	5.01	28.09	12.92	36.00

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

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

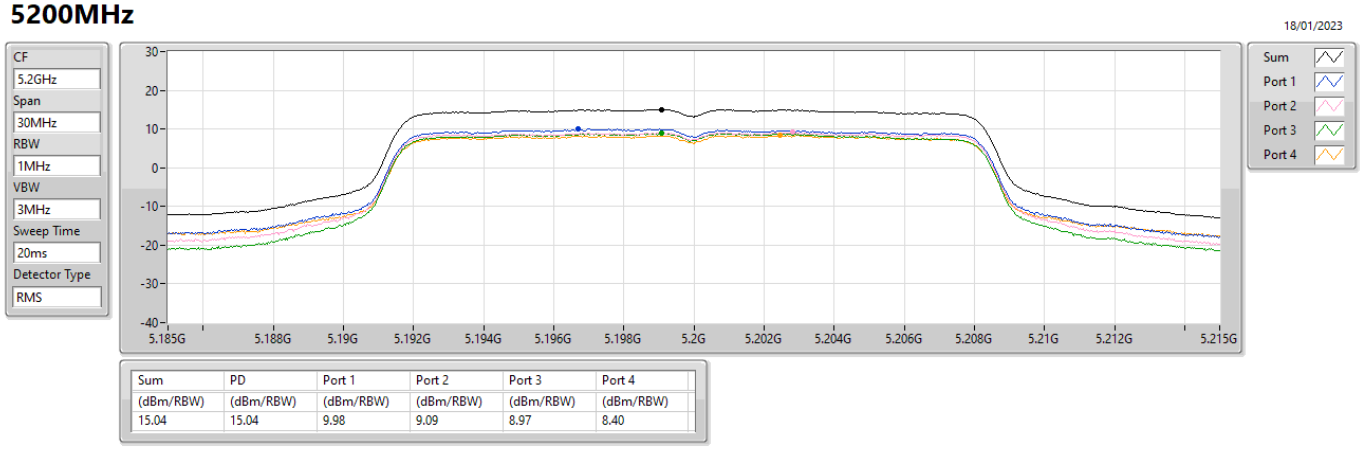
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.64	14.64	9.60	8.66	8.62	7.70

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

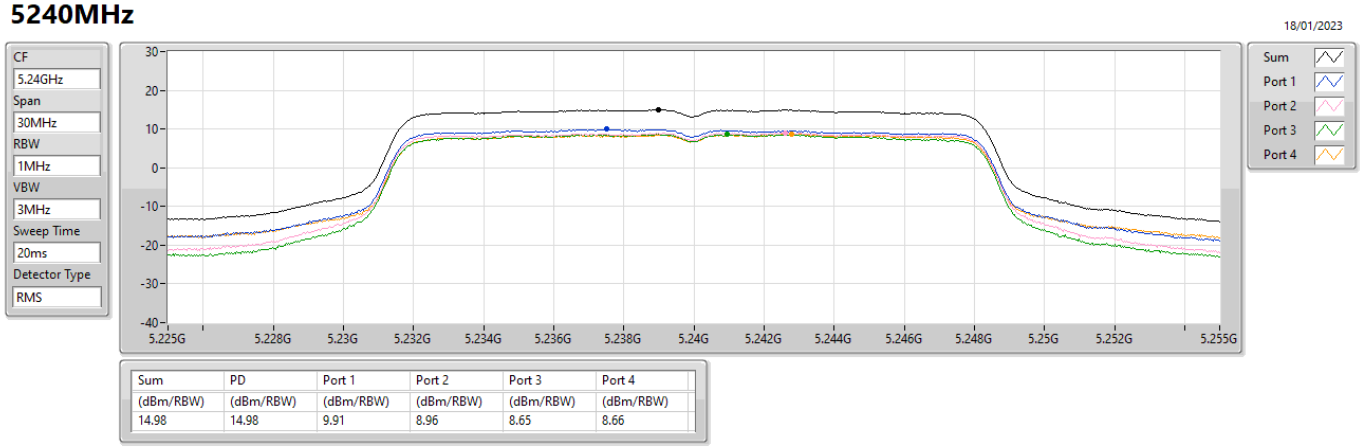
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.04	15.04	9.98	9.09	8.97	8.40

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

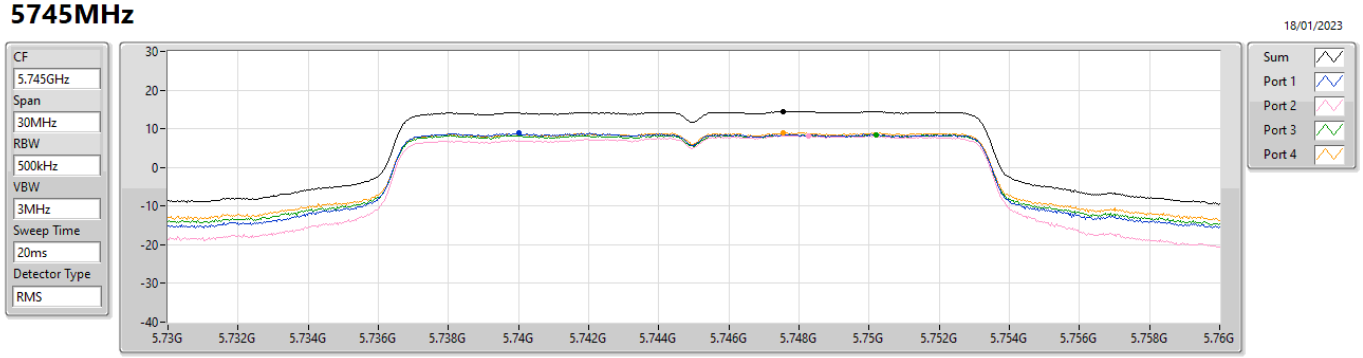
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.98	14.98	9.91	8.96	8.65	8.66

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

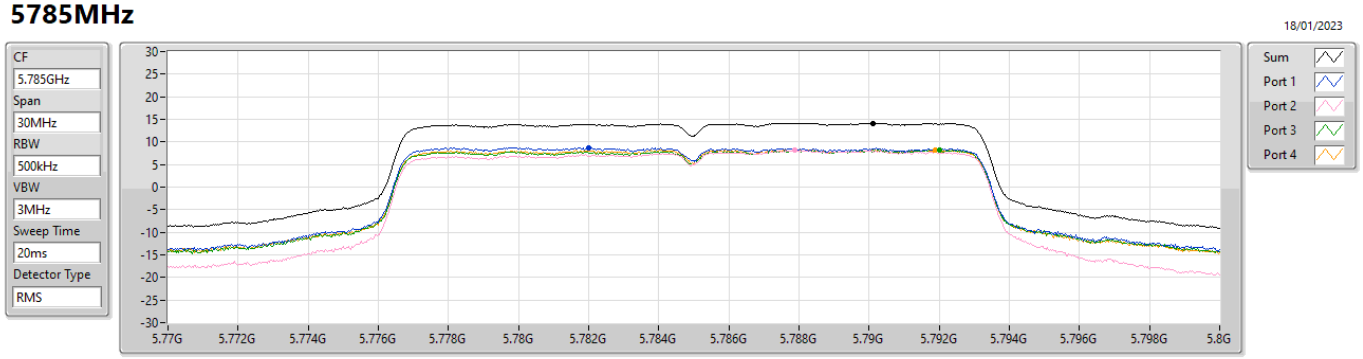
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.48	14.48	8.86	8.24	8.51	8.94

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

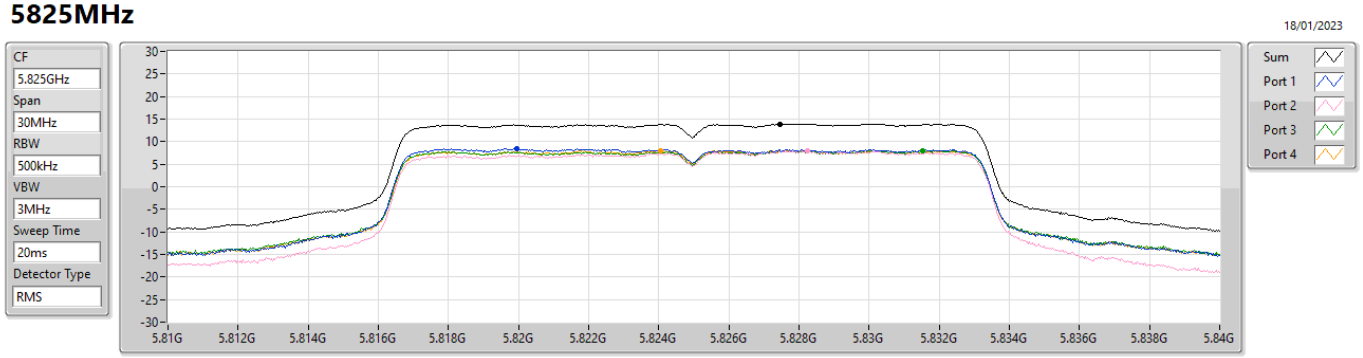
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.16	14.16	8.75	8.16	8.23	8.24

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

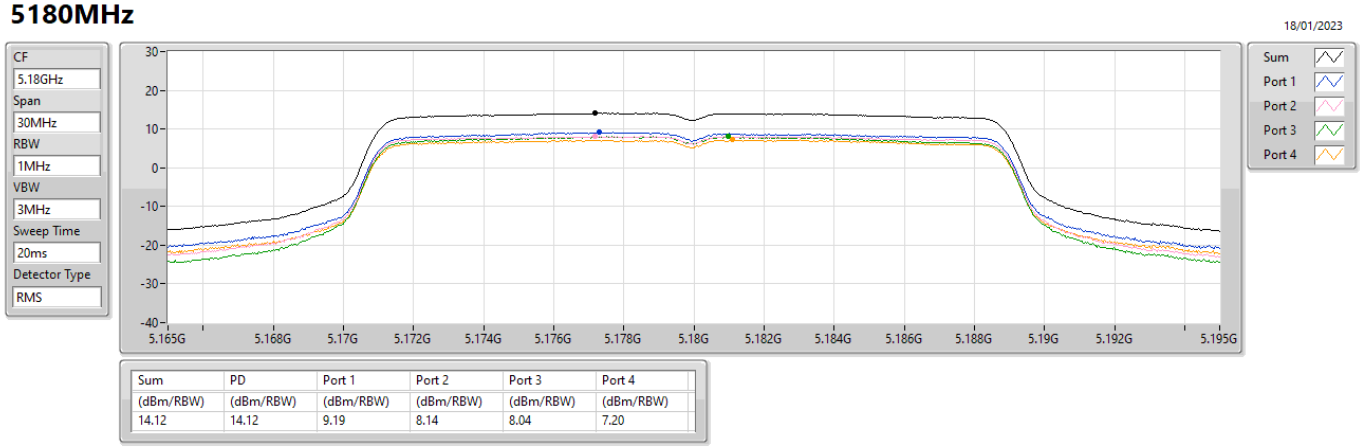
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.94	13.94	8.53	7.87	7.99	8.05

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX PSD

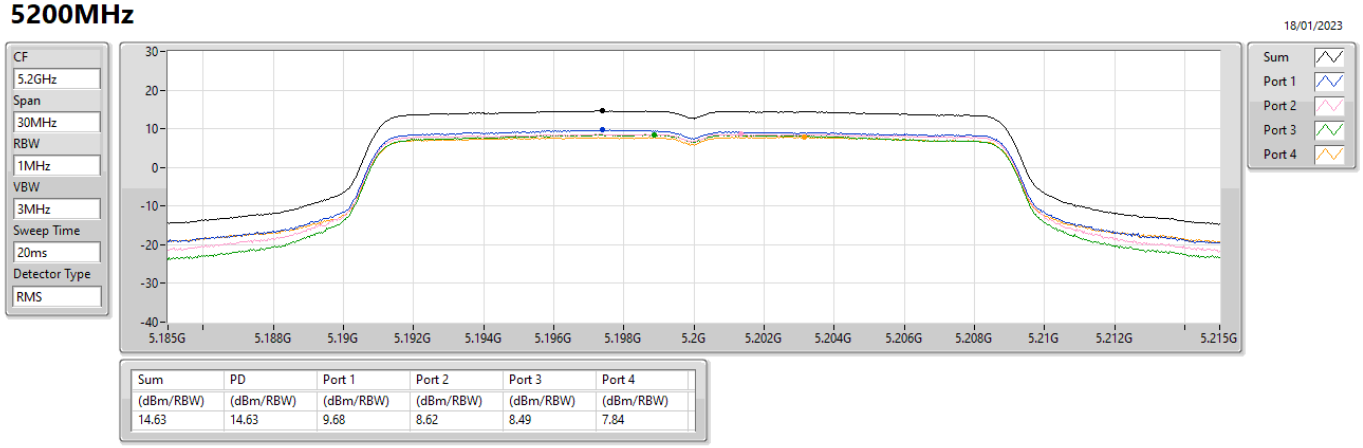
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.12	14.12	9.19	8.14	8.04	7.20

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX PSD

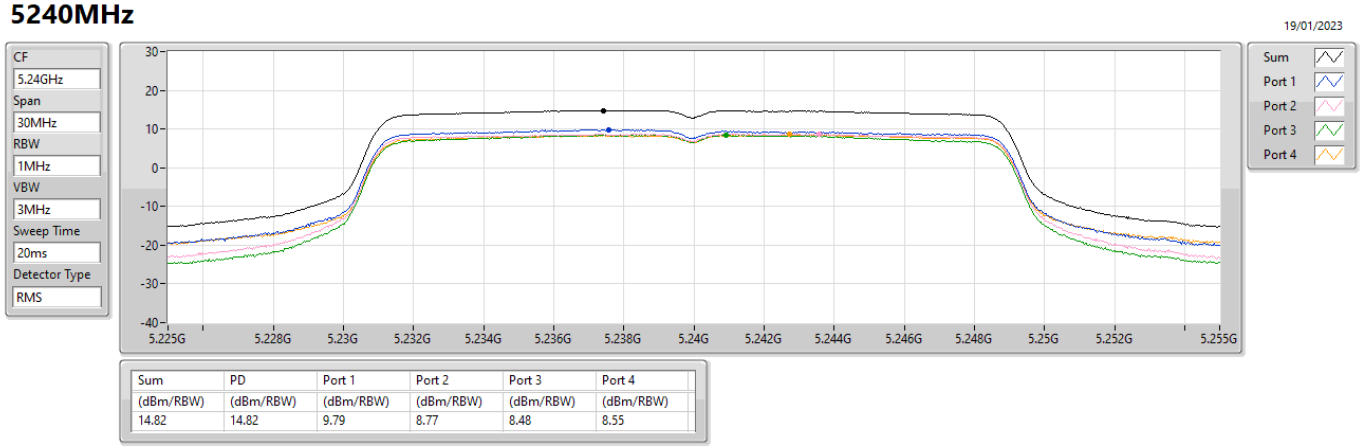
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.63	14.63	9.68	8.62	8.49	7.84

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX PSD

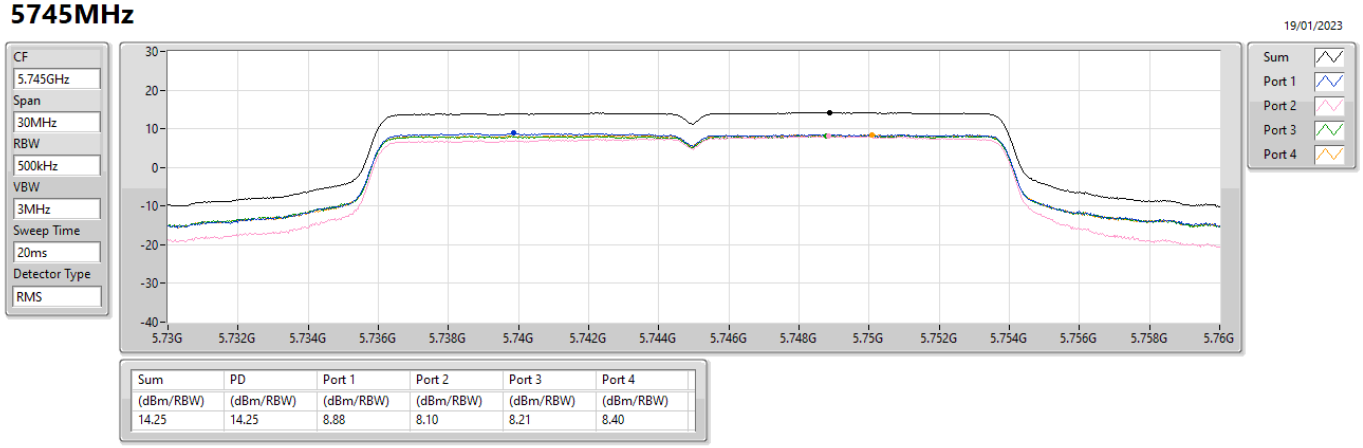
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.82	14.82	9.79	8.77	8.48	8.55

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX PSD

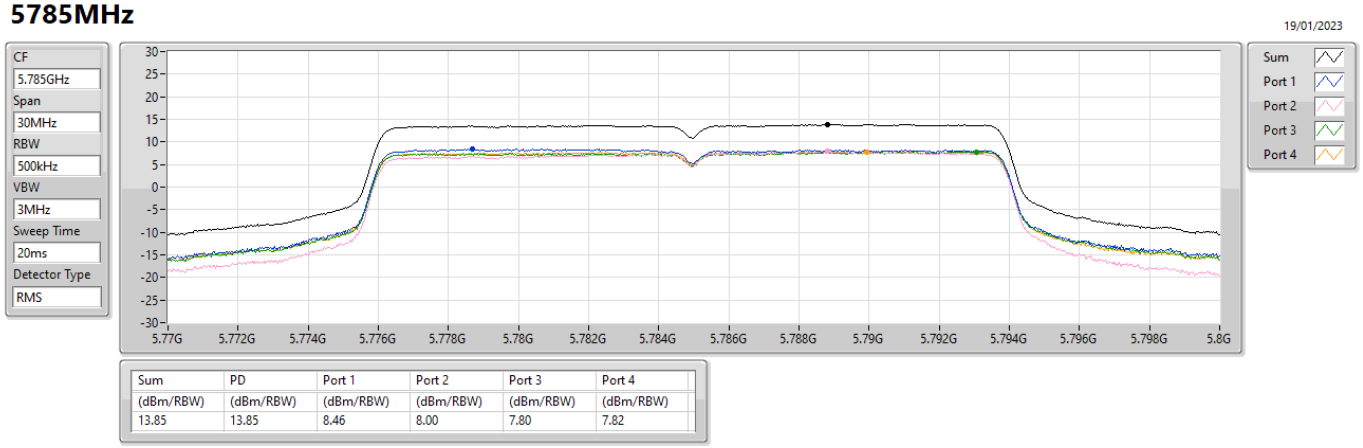
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.25	14.25	8.88	8.10	8.21	8.40

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

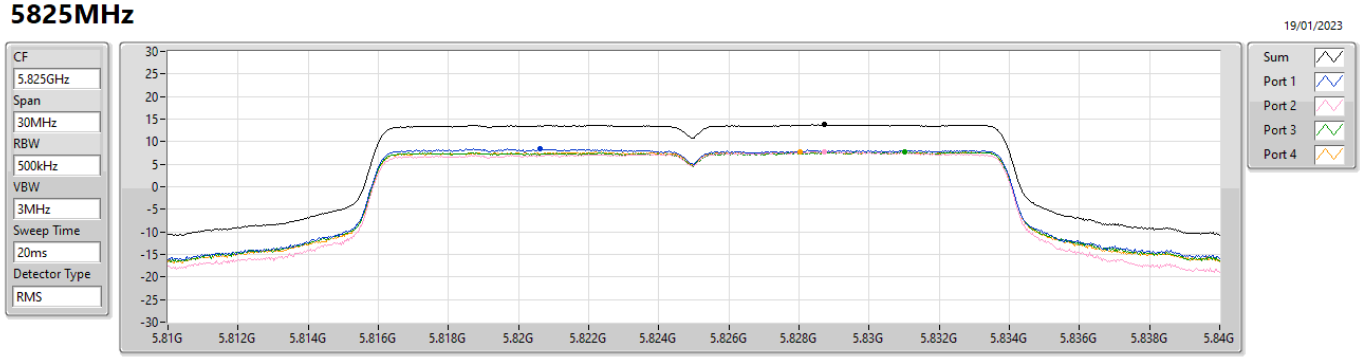
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.85	13.85	8.46	8.00	7.80	7.82

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX **PSD**

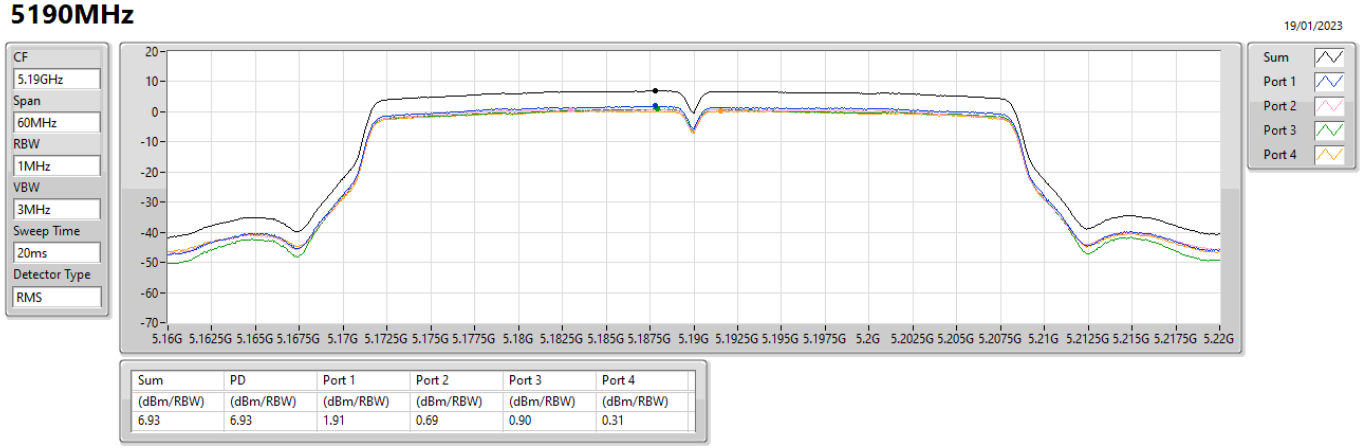
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.74	13.74	8.44	7.82	7.66	7.77

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX PSD

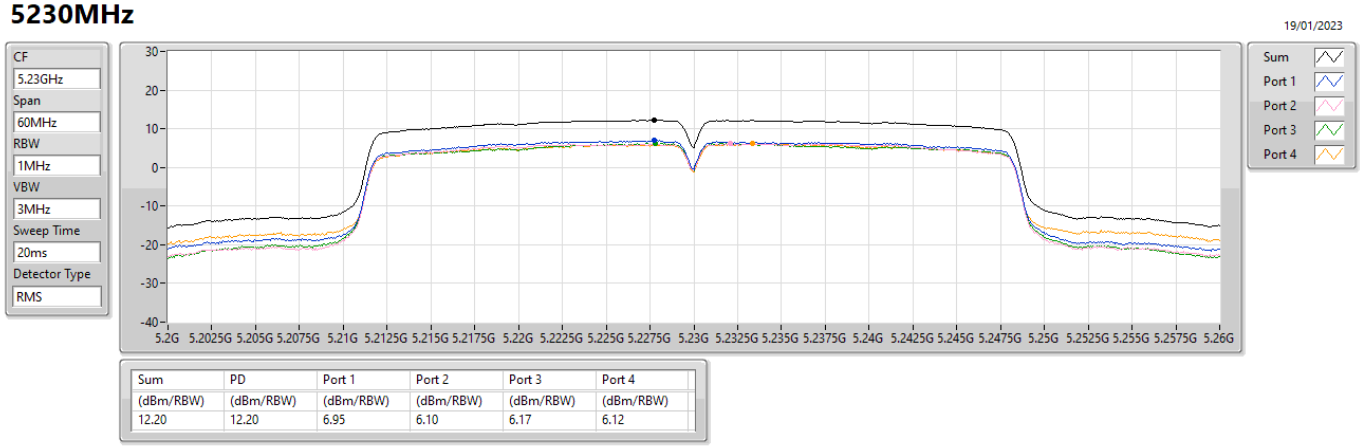
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	1.91	0.69	0.90	0.31

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX PSD

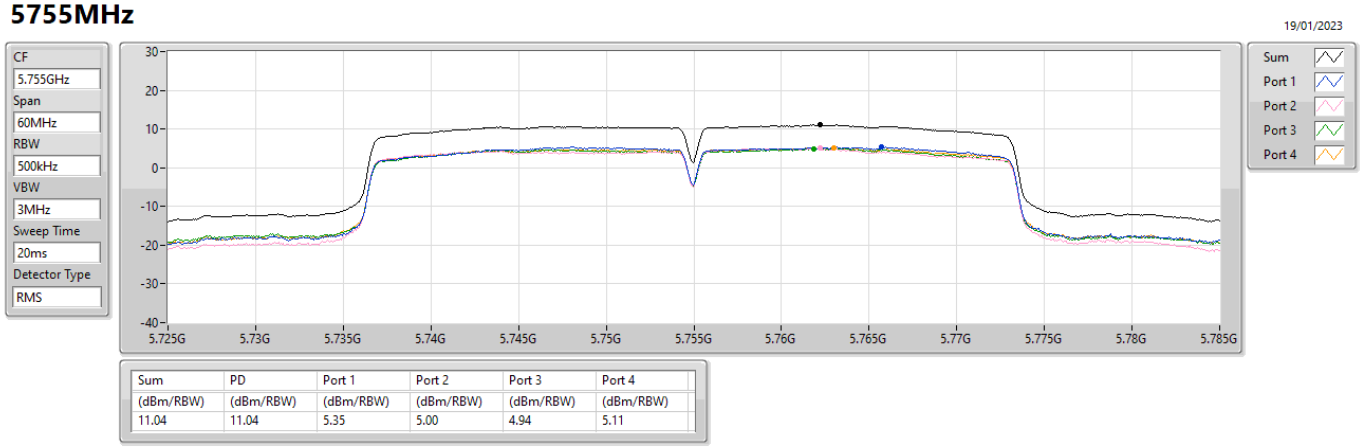
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.20	12.20	6.95	6.10	6.17	6.12

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX PSD

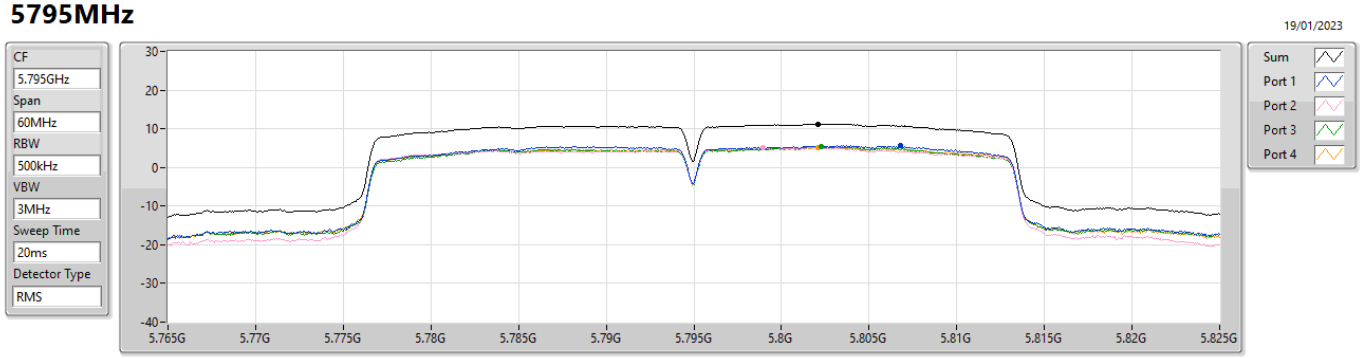
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.04	11.04	5.35	5.00	4.94	5.11

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX PSD

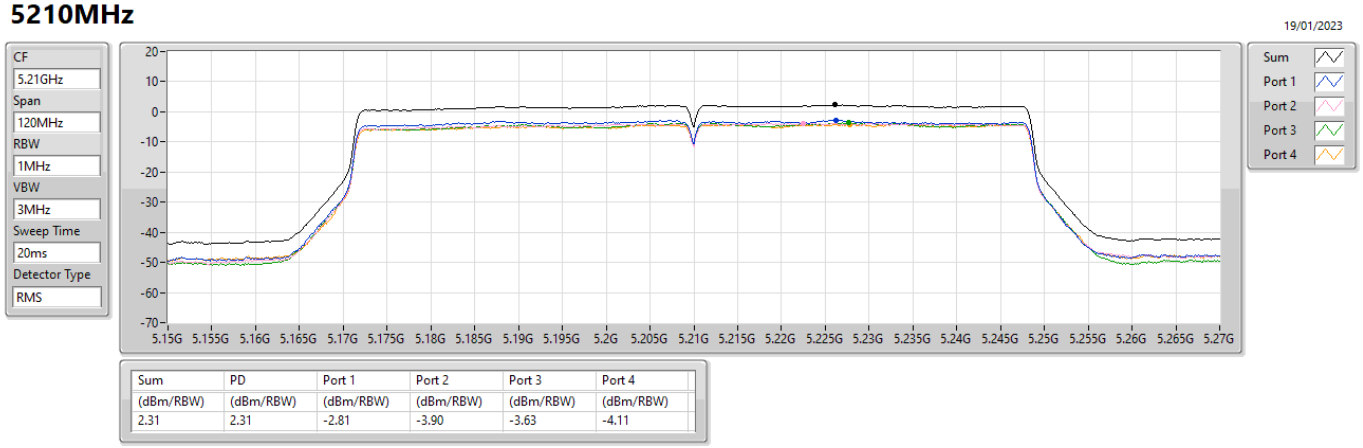
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.22	11.22	5.61	5.18	5.40	5.21

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_4TX PSD

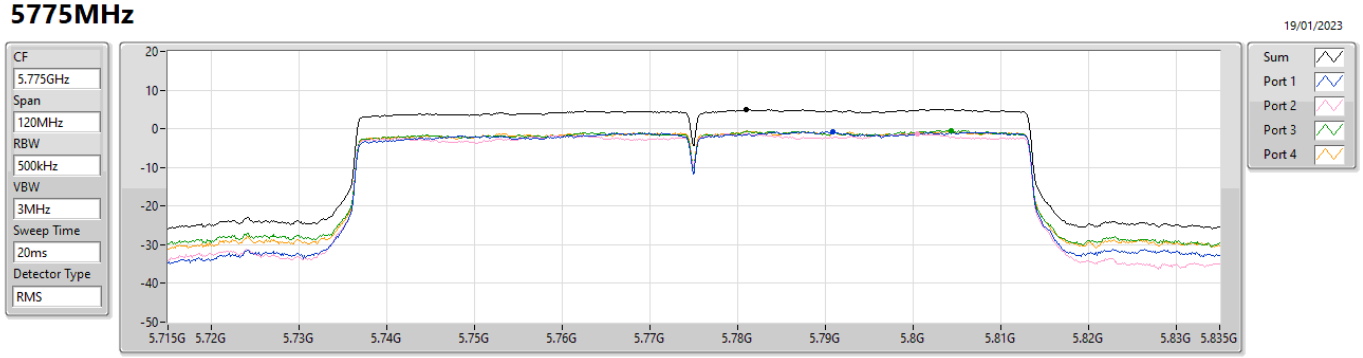
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.31	2.31	-2.81	-3.90	-3.63	-4.11

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5775MHz

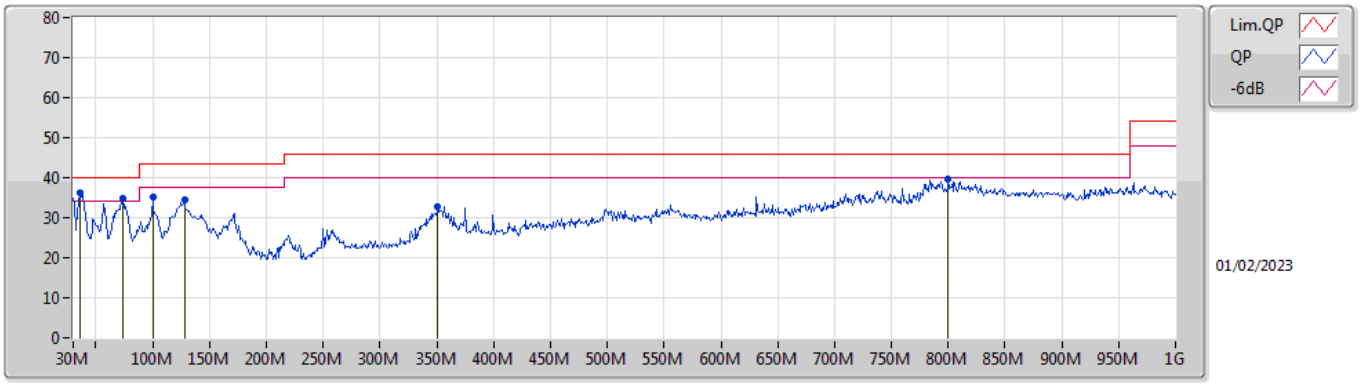


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.01	5.01	-0.74	-1.26	-0.49	-0.55

Summary

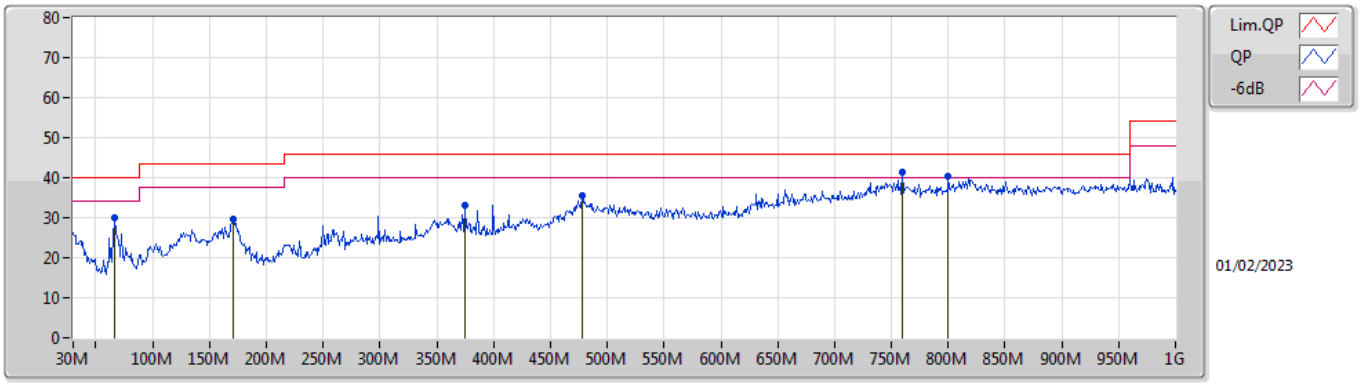
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	35.82M	36.13	40.00	-3.87	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	35.82M	36.13	40.00	-3.87	-9.69	3	Vertical	203	1.25	"Worst"	45.82	20.92	1.09	31.70
PK	73.65M	34.84	40.00	-5.16	-18.26	3	Vertical	95	1.00	-	53.10	12.22	1.49	31.97
PK	99.84M	35.13	43.50	-8.37	-13.70	3	Vertical	359	1.25	-	48.83	16.56	1.71	31.97
PK	127.97M	34.34	43.50	-9.16	-12.33	3	Vertical	205	1.00	-	46.67	17.74	1.92	31.99
PK	351.07M	32.78	46.00	-13.22	-8.56	3	Vertical	169	1.25	-	41.34	20.31	3.31	32.18
PK	800.18M	39.54	46.00	-6.46	-1.70	3	Vertical	41	1.25	-	41.24	25.61	5.20	32.51

Mode 1



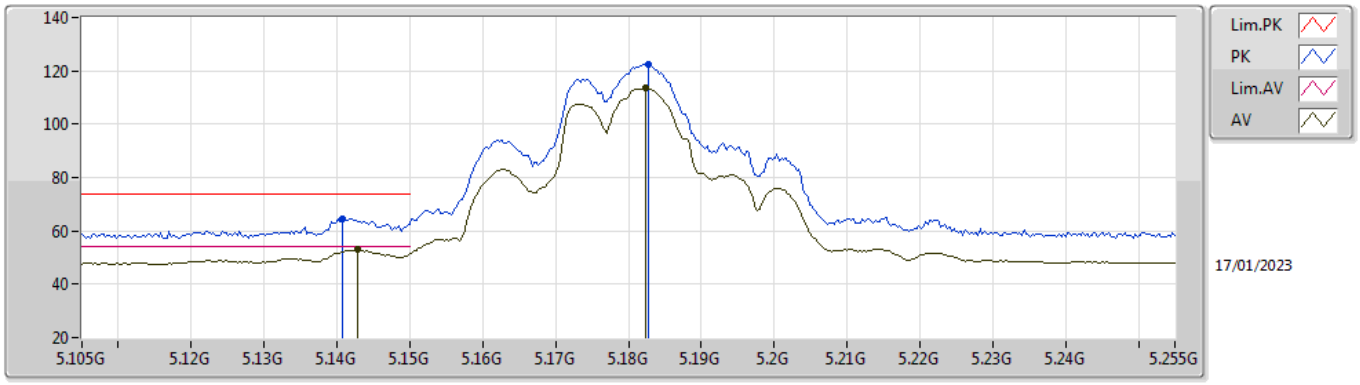
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	66.86M	29.94	40.00	-10.06	-18.36	3	Horizontal	292	2.00	-	48.30	12.16	1.42	31.94
PK	170.65M	29.69	43.50	-13.81	-14.32	3	Horizontal	124	1.25	-	44.01	15.45	2.22	31.99
PK	374.35M	33.06	46.00	-12.94	-7.93	3	Horizontal	104	1.00	-	40.99	20.82	3.42	32.17
PK	478.14M	35.65	46.00	-10.35	-5.37	3	Horizontal	332	1.00	-	41.02	23.08	3.89	32.34
PK	759.44M	41.33	46.00	-4.67	-2.22	3	Horizontal	187	2.00	"Worst"	43.55	25.32	5.05	32.59
PK	800.18M	40.48	46.00	-5.52	-1.70	3	Horizontal	67	1.25	-	42.18	25.61	5.20	32.51

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	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80_Nss1,(MCS0)_4TX	Pass	AV	5.133G	53.62	54.00	-0.38	3	Vertical	278	1.80	-

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

5180MHz_TX

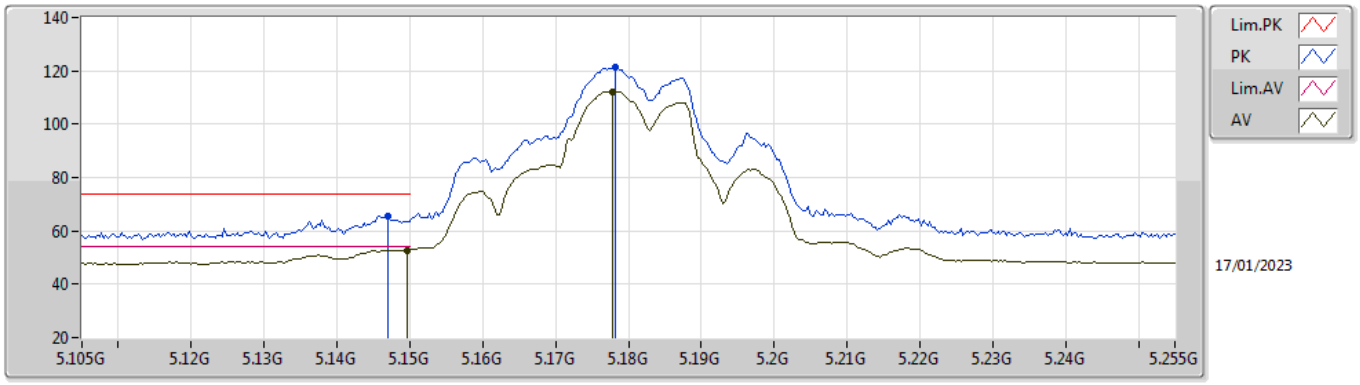


EUT Y_4TX
Setting 24.5
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1407G	64.48	74.00	-9.52	59.60	3	Vertical	275	1.45	-	33.02	6.74	34.88
AV	5.1428G	53.08	54.00	-0.92	48.21	3	Vertical	275	1.45	-	33.01	6.74	34.88
PK	5.1827G	122.45	Inf	-Inf	117.55	3	Vertical	275	1.45	-	33.00	6.78	34.88
AV	5.1824G	113.39	Inf	-Inf	108.49	3	Vertical	275	1.45	-	33.00	6.78	34.88

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

5180MHz_TX

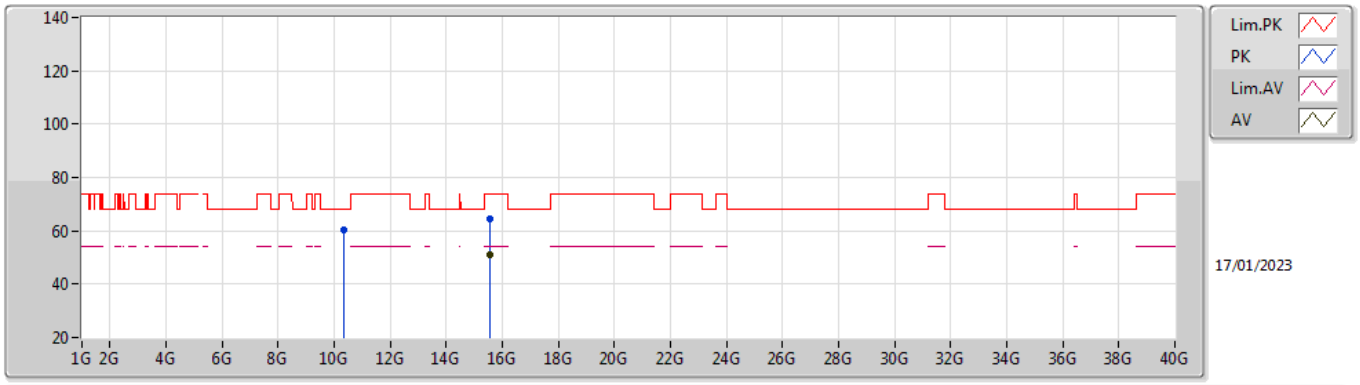


EUT Y_4TX
Setting 24.5
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	65.37	74.00	-8.63	60.49	3	Horizontal	311	1.80	-	33.01	6.75	34.88
AV	5.1497G	52.84	54.00	-1.16	47.97	3	Horizontal	311	1.80	-	33.00	6.75	34.88
PK	5.1782G	121.38	Inf	-Inf	116.48	3	Horizontal	311	1.80	-	33.00	6.78	34.88
AV	5.1779G	112.22	Inf	-Inf	107.32	3	Horizontal	311	1.80	-	33.00	6.78	34.88

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

5180MHz_TX

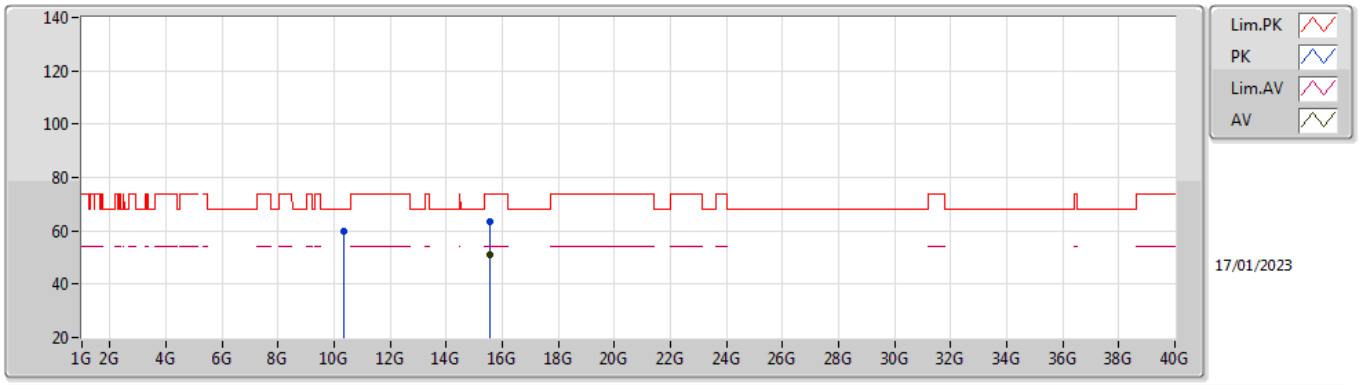


EUT Y_4TX
Setting 24.5
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35854G	60.42	68.20	-7.78	43.12	3	Vertical	21	2.64	-	38.76	12.20	33.66
PK	15.5405G	64.23	74.00	-9.77	44.57	3	Vertical	337	2.40	-	37.94	16.24	34.52
AV	15.53648G	51.14	54.00	-2.86	31.46	3	Vertical	337	2.40	-	37.95	16.24	34.51

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

5180MHz_TX

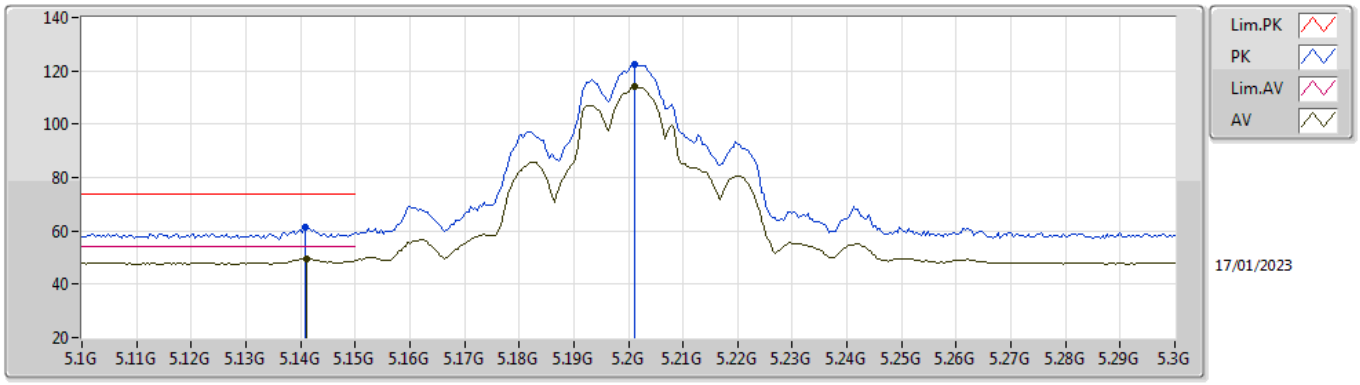


EUT Y_4TX
Setting 24.5
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35536G	60.06	68.20	-8.14	42.78	3	Horizontal	98	1.42	-	38.76	12.20	33.68
PK	15.54148G	63.38	74.00	-10.62	43.73	3	Horizontal	297	2.27	-	37.93	16.24	34.52
AV	15.5428G	51.18	54.00	-2.82	31.53	3	Horizontal	297	2.27	-	37.93	16.24	34.52

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

5200MHz_TX

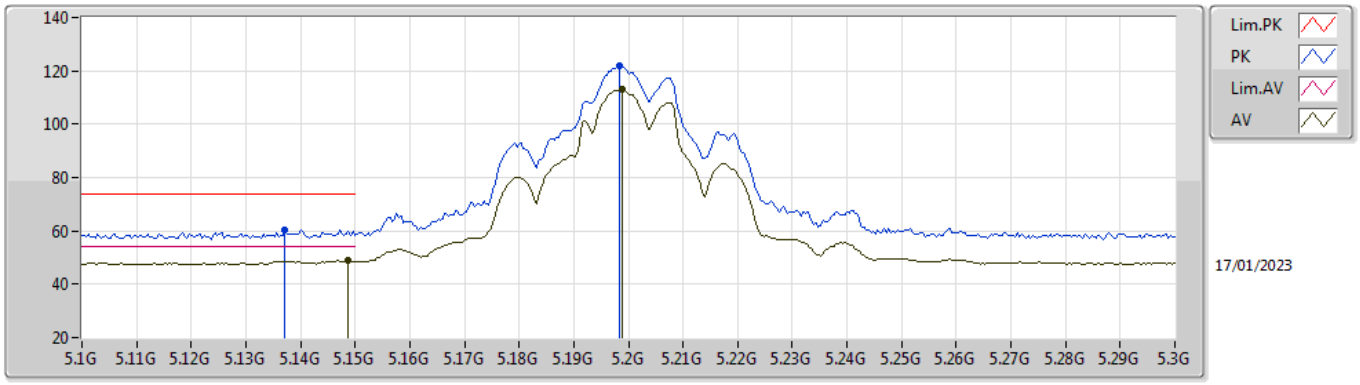


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1408G	61.31	74.00	-12.69	56.43	3	Vertical	273	1.48	-	33.02	6.74	34.88
AV	5.1412G	49.42	54.00	-4.58	44.54	3	Vertical	273	1.48	-	33.02	6.74	34.88
PK	5.2012G	122.20	Inf	-Inf	117.28	3	Vertical	273	1.48	-	33.00	6.80	34.88
AV	5.2012G	113.92	Inf	-Inf	109.00	3	Vertical	273	1.48	-	33.00	6.80	34.88

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

5200MHz_TX

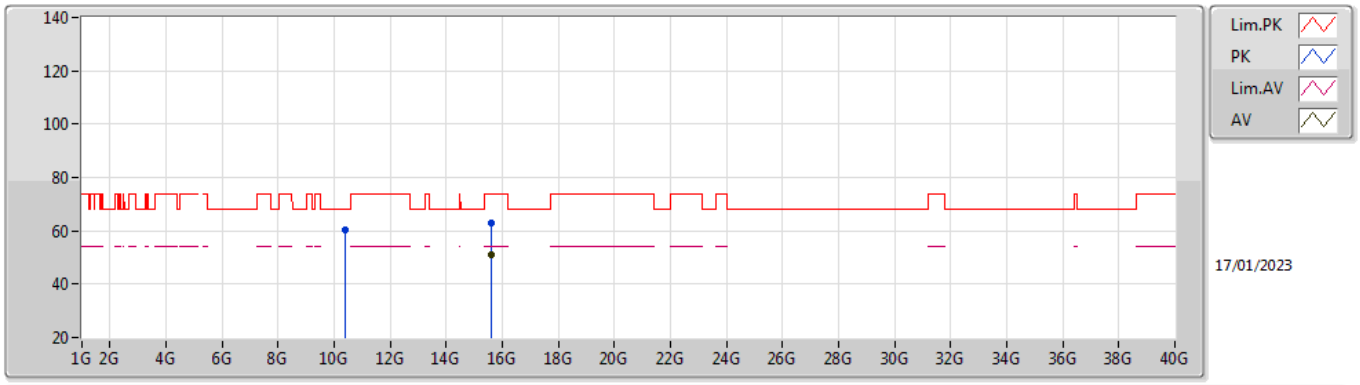


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1372G	60.39	74.00	-13.61	55.50	3	Horizontal	314	1.79	-	33.03	6.74	34.88
AV	5.1488G	48.71	54.00	-5.29	43.84	3	Horizontal	314	1.79	-	33.00	6.75	34.88
PK	5.1984G	122.07	Inf	-Inf	117.15	3	Horizontal	314	1.79	-	33.00	6.80	34.88
AV	5.1988G	112.96	Inf	-Inf	108.04	3	Horizontal	314	1.79	-	33.00	6.80	34.88

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

5200MHz_TX

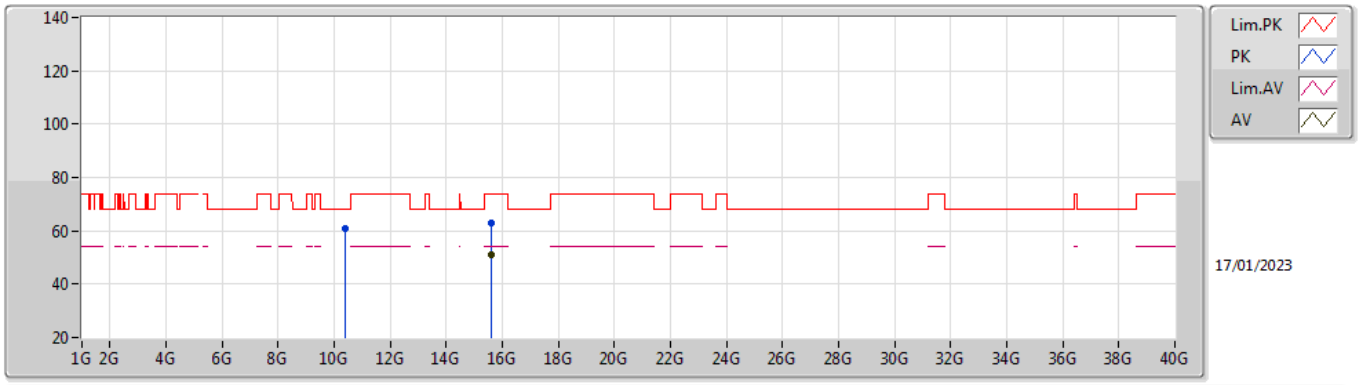


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40216G	60.50	68.20	-7.70	42.95	3	Vertical	344	1.06	-	38.80	12.22	33.47
PK	15.59566G	63.11	74.00	-10.89	43.65	3	Vertical	112	1.12	-	37.72	16.30	34.56
AV	15.60052G	51.03	54.00	-2.97	31.59	3	Vertical	112	1.12	-	37.70	16.30	34.56

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

5200MHz_TX

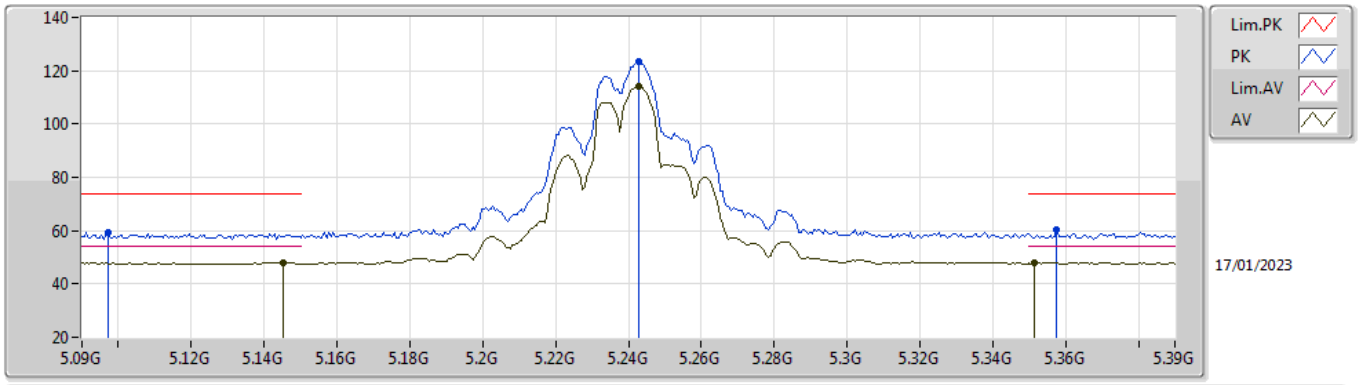


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.39638G	61.02	68.20	-7.18	43.50	3	Horizontal	40	2.34	-	38.80	12.22	33.50
PK	15.59528G	63.12	74.00	-10.88	43.65	3	Horizontal	107	2.07	-	37.72	16.30	34.55
AV	15.59562G	50.91	54.00	-3.09	31.45	3	Horizontal	107	2.07	-	37.72	16.30	34.56

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

5240MHz_TX

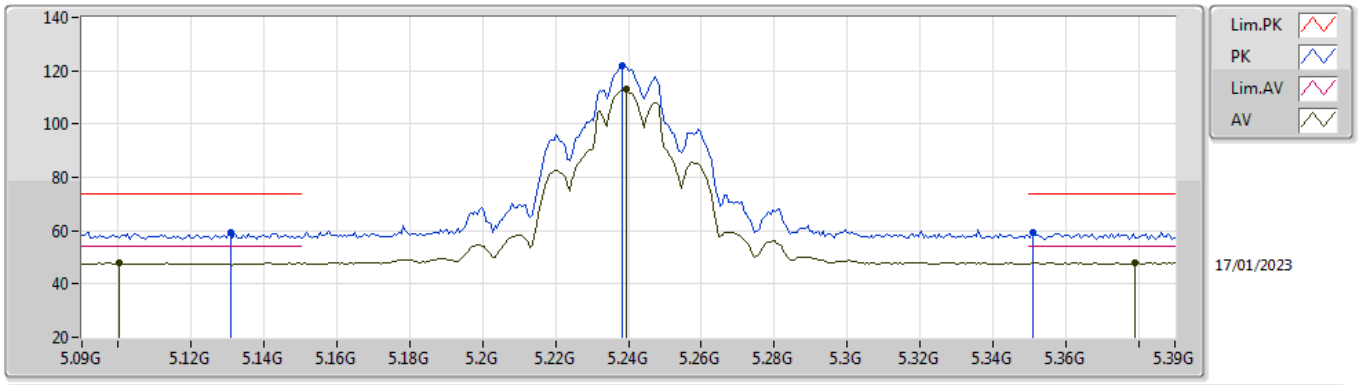


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.0972G	59.30	74.00	-14.70	54.37	3	Vertical	274	1.60	-	33.11	6.70	34.88
AV	5.1452G	48.06	54.00	-5.94	43.18	3	Vertical	274	1.60	-	33.01	6.75	34.88
PK	5.243G	123.33	Inf	-Inf	118.48	3	Vertical	274	1.60	-	32.91	6.82	34.88
AV	5.243G	114.37	Inf	-Inf	109.52	3	Vertical	274	1.60	-	32.91	6.82	34.88
PK	5.3576G	60.36	74.00	-13.64	55.43	3	Vertical	274	1.60	-	32.92	6.88	34.87
AV	5.3516G	48.03	54.00	-5.97	43.12	3	Vertical	274	1.60	-	32.90	6.88	34.87

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

5240MHz_TX

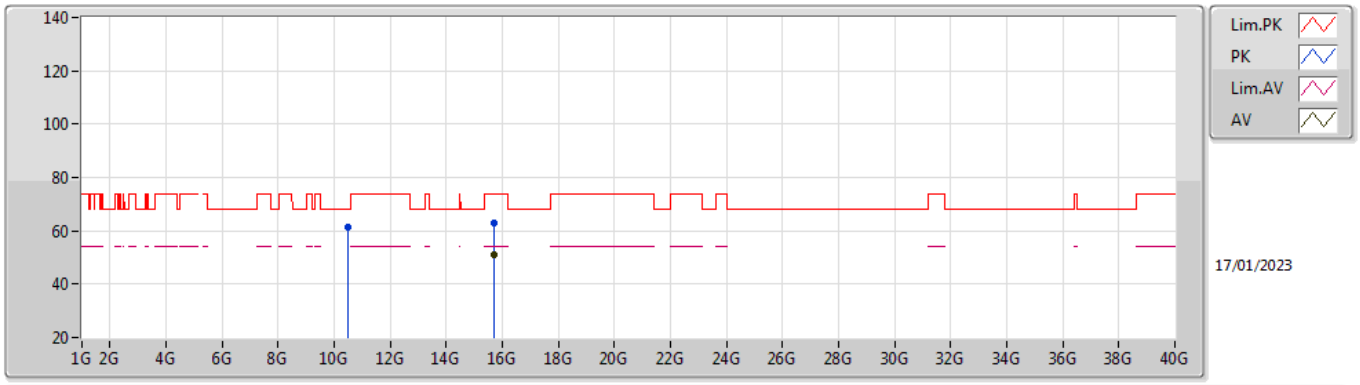


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1308G	59.12	74.00	-14.88	54.23	3	Horizontal	311	1.76	-	33.04	6.73	34.88
AV	5.1002G	47.84	54.00	-6.16	42.92	3	Horizontal	311	1.76	-	33.10	6.70	34.88
PK	5.2382G	122.01	Inf	-Inf	117.15	3	Horizontal	311	1.76	-	32.92	6.82	34.88
AV	5.2394G	113.25	Inf	-Inf	108.39	3	Horizontal	311	1.76	-	32.92	6.82	34.88
PK	5.351G	59.23	74.00	-14.77	54.32	3	Horizontal	311	1.76	-	32.90	6.88	34.87
AV	5.3792G	47.88	54.00	-6.12	42.90	3	Horizontal	311	1.76	-	32.96	6.89	34.87

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

5240MHz_TX

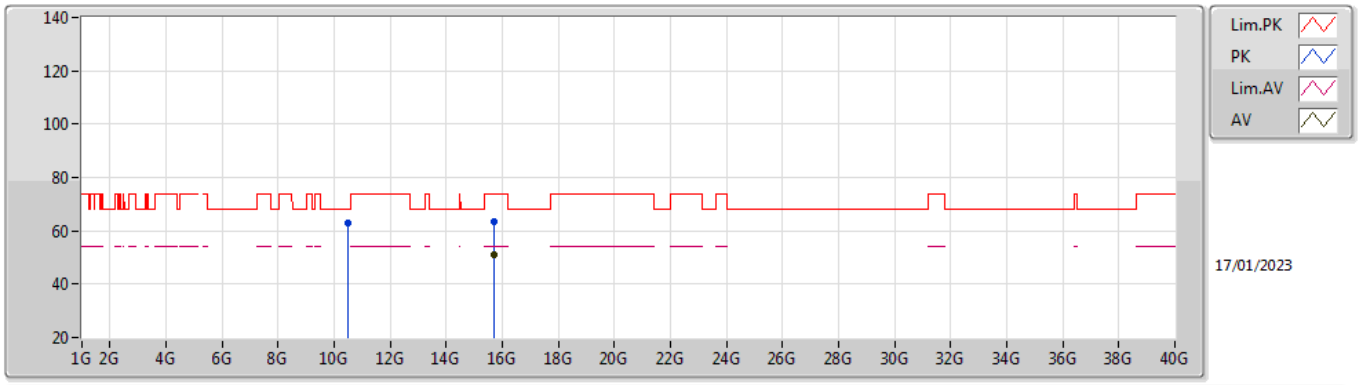


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47784G	61.43	68.20	-6.77	43.36	3	Vertical	45	1.79	-	38.96	12.26	33.15
PK	15.72092G	63.16	74.00	-10.84	43.94	3	Vertical	301	1.82	-	37.44	16.42	34.64
AV	15.72232G	51.14	54.00	-2.86	31.92	3	Vertical	301	1.82	-	37.44	16.42	34.64

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

5240MHz_TX

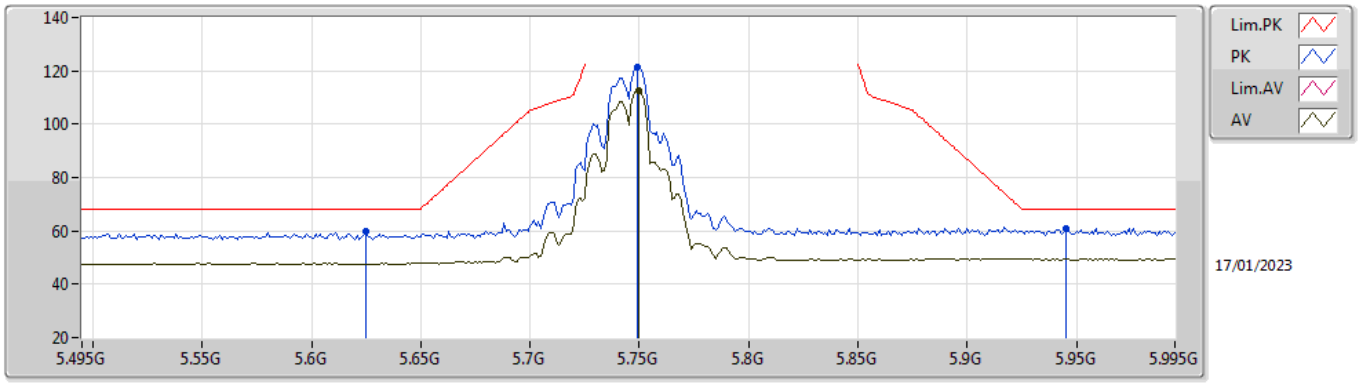


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48204G	62.86	68.20	-5.34	44.76	3	Horizontal	-0	1.85	-	38.96	12.27	33.13
PK	15.71928G	63.43	74.00	-10.57	44.21	3	Horizontal	310	1.80	-	37.44	16.42	34.64
AV	15.72328G	51.09	54.00	-2.91	31.86	3	Horizontal	310	1.80	-	37.45	16.42	34.64

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

5745MHz_TX

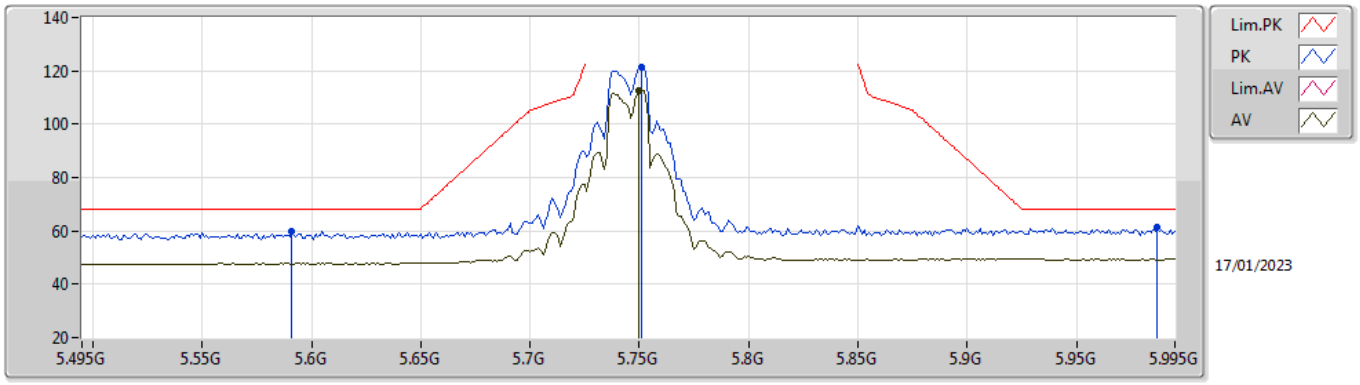


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.625G	59.57	68.20	-8.63	54.55	3	Vertical	259	1.18	-	32.80	7.11	34.89
PK	5.749G	121.47	Inf	-Inf	115.52	3	Vertical	259	1.18	-	33.69	7.17	34.91
AV	5.75G	112.36	Inf	-Inf	106.40	3	Vertical	259	1.18	-	33.70	7.17	34.91
PK	5.945G	60.93	68.20	-7.27	54.51	3	Vertical	259	1.18	-	34.11	7.27	34.96

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

5745MHz_TX

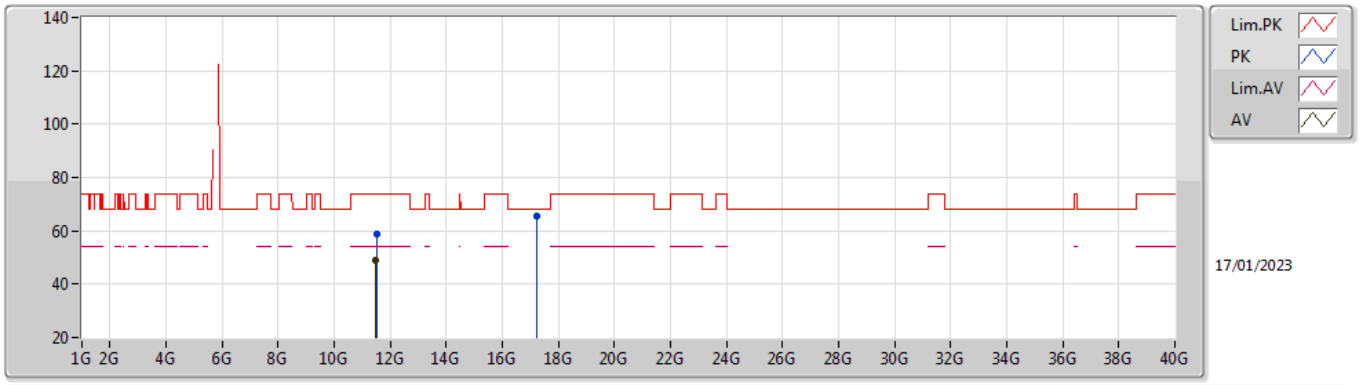


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.591G	59.77	68.20	-8.43	54.78	3	Horizontal	339	2.41	-	32.78	7.09	34.88
PK	5.751G	121.42	Inf	-Inf	115.46	3	Horizontal	339	2.41	-	33.70	7.18	34.92
AV	5.75G	112.71	Inf	-Inf	106.75	3	Horizontal	339	2.41	-	33.70	7.17	34.91
PK	5.987G	61.26	68.20	-6.94	54.84	3	Horizontal	339	2.41	-	34.10	7.29	34.97

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

5745MHz_TX

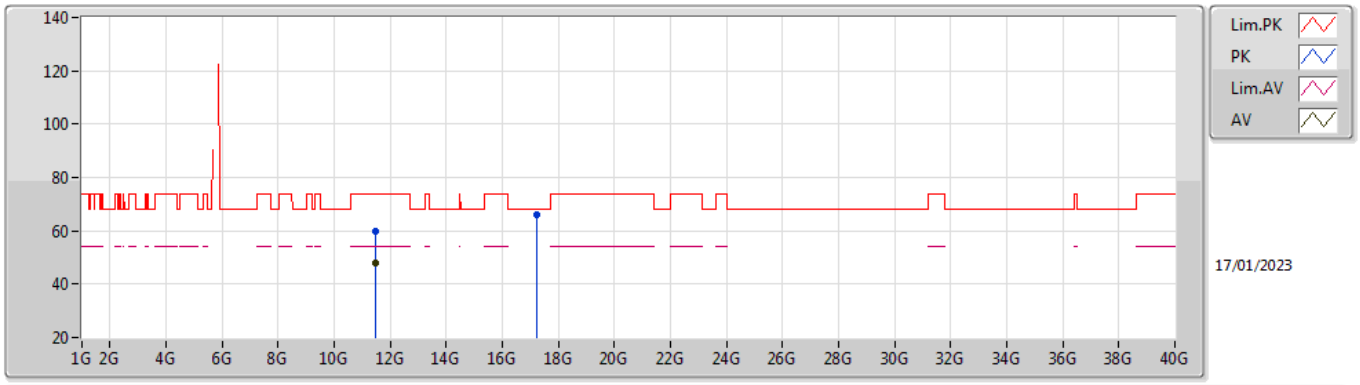


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.506G	58.61	74.00	-15.39	41.56	3	Vertical	298	1.56	-	39.08	12.83	34.86
AV	11.488G	48.88	54.00	-5.12	31.82	3	Vertical	298	1.56	-	39.10	12.82	34.86
PK	17.2354G	65.44	68.20	-2.76	43.27	3	Vertical	226	1.55	-	38.87	17.44	34.14

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

5745MHz_TX

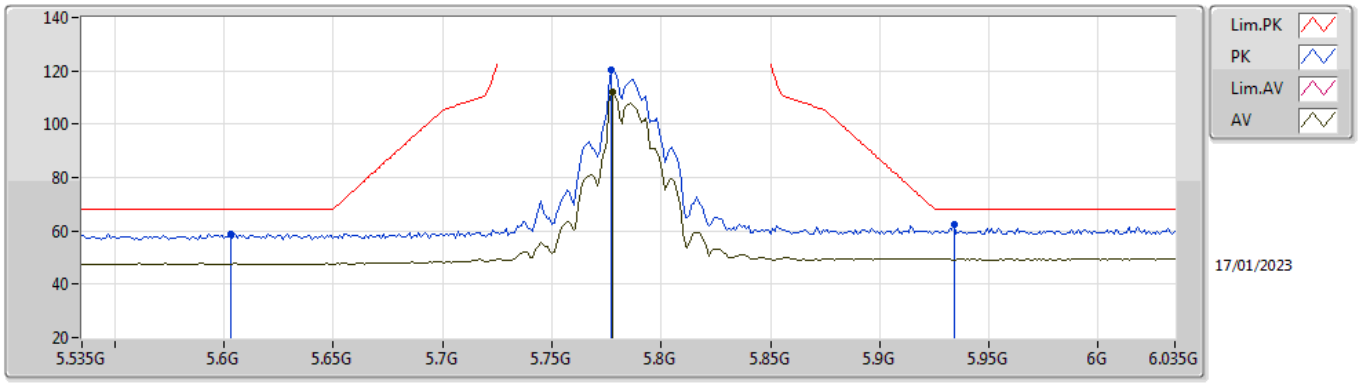


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.49108G	59.71	74.00	-14.29	42.65	3	Horizontal	127	1.80	-	39.10	12.82	34.86
AV	11.4916G	47.86	54.00	-6.14	30.80	3	Horizontal	127	1.80	-	39.10	12.82	34.86
PK	17.22972G	66.20	68.20	-2.00	44.03	3	Horizontal	284	1.82	-	38.86	17.44	34.13

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

5785MHz_TX

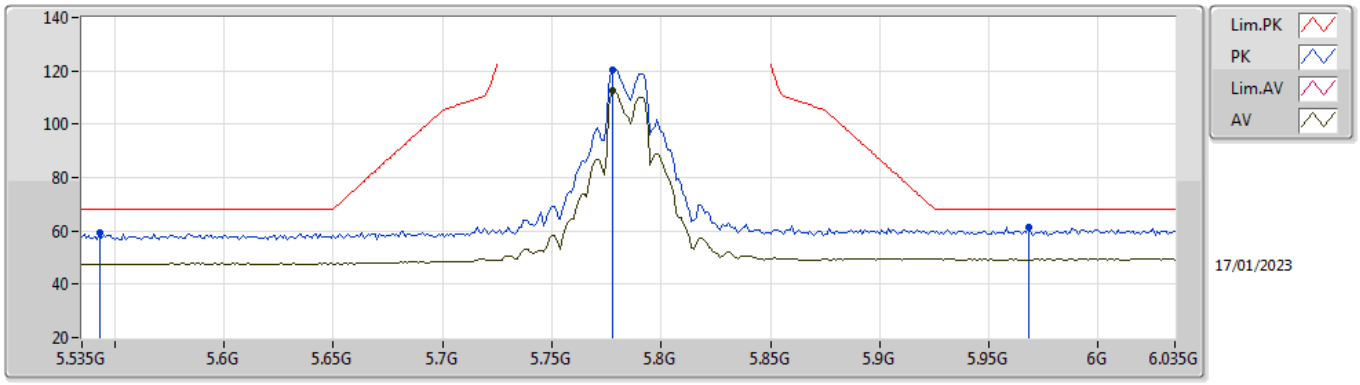


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.603G	58.97	68.20	-9.23	53.95	3	Vertical	324	1.79	-	32.80	7.10	34.88
PK	5.777G	120.56	Inf	-Inf	114.48	3	Vertical	324	1.79	-	33.81	7.19	34.92
AV	5.778G	111.89	Inf	-Inf	105.81	3	Vertical	324	1.79	-	33.81	7.19	34.92
PK	5.934G	62.22	68.20	-5.98	55.78	3	Vertical	324	1.79	-	34.13	7.27	34.96

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

5785MHz_TX

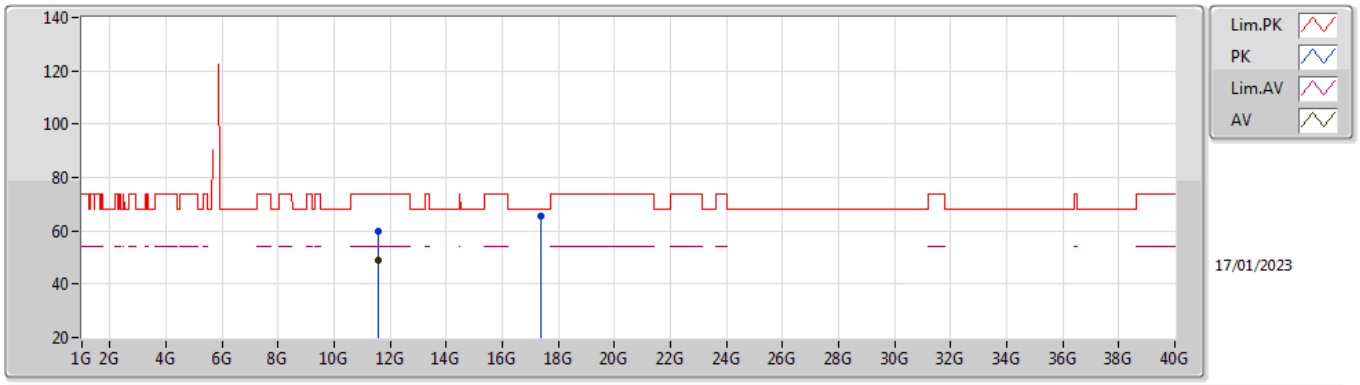


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.543G	59.12	68.20	-9.08	54.24	3	Horizontal	328	2.30	-	32.71	7.04	34.87
PK	5.778G	120.50	Inf	-Inf	114.42	3	Horizontal	328	2.30	-	33.81	7.19	34.92
AV	5.778G	112.37	Inf	-Inf	106.29	3	Horizontal	328	2.30	-	33.81	7.19	34.92
PK	5.968G	61.20	68.20	-7.00	54.78	3	Horizontal	328	2.30	-	34.10	7.28	34.96

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

5785MHz_TX

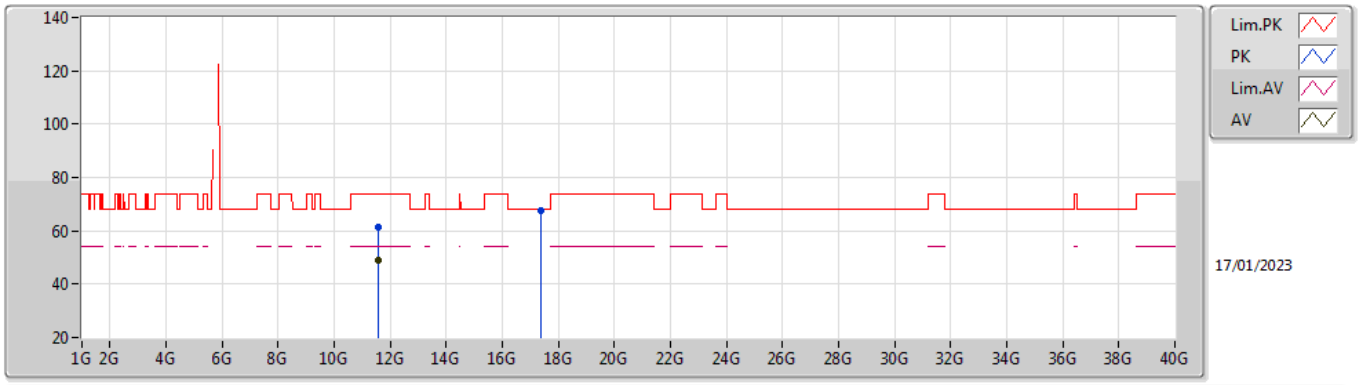


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57028G	60.06	74.00	-13.94	43.21	3	Vertical	293	1.79	-	38.89	12.86	34.90
AV	11.56784G	49.18	54.00	-4.82	32.31	3	Vertical	293	1.79	-	38.90	12.86	34.89
PK	17.364G	65.62	68.20	-2.58	43.14	3	Vertical	276	1.09	-	39.13	17.52	34.17

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

5785MHz_TX

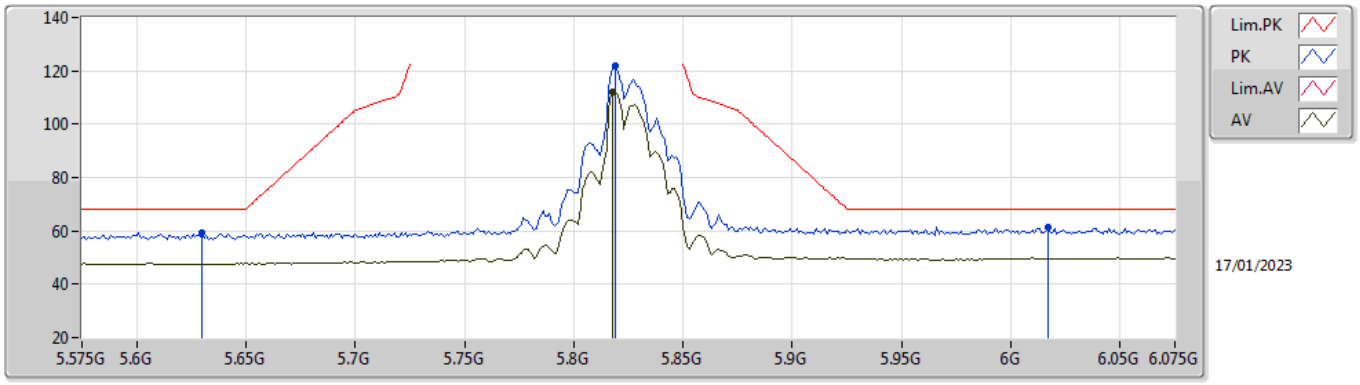


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.57932G	61.24	74.00	-12.76	44.41	3	Horizontal	330	2.64	-	38.86	12.87	34.90
AV	11.57788G	48.96	54.00	-5.04	32.12	3	Horizontal	330	2.64	-	38.87	12.87	34.90
PK	17.35712G	67.69	68.20	-0.51	45.24	3	Horizontal	50	2.93	-	39.11	17.51	34.17

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

5825MHz_TX

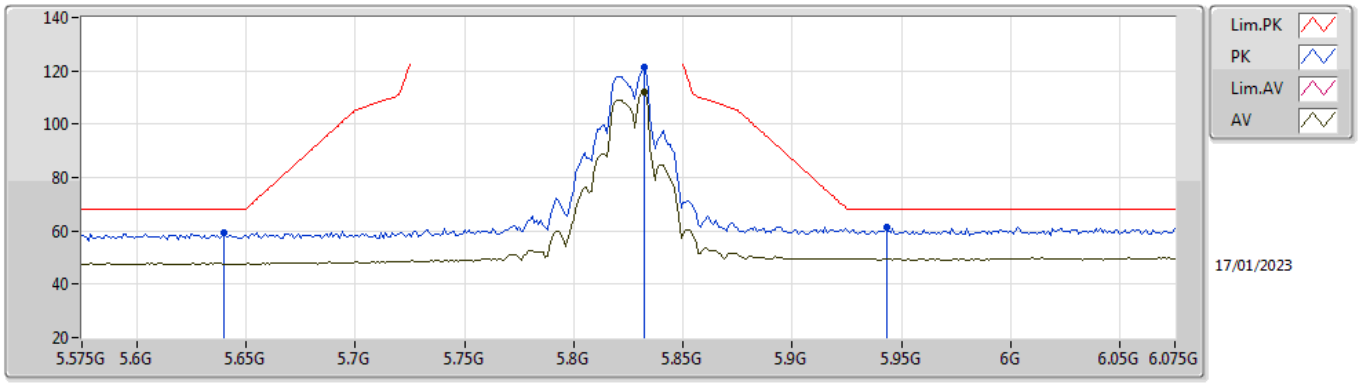


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.63G	59.08	68.20	-9.12	54.06	3	Vertical	327	2.04	-	32.80	7.11	34.89
PK	5.819G	121.67	Inf	-Inf	115.45	3	Vertical	327	2.04	-	33.94	7.21	34.93
AV	5.818G	112.17	Inf	-Inf	105.95	3	Vertical	327	2.04	-	33.94	7.21	34.93
PK	6.017G	61.62	68.20	-6.58	55.13	3	Vertical	327	2.04	-	34.13	7.33	34.97

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

5825MHz_TX

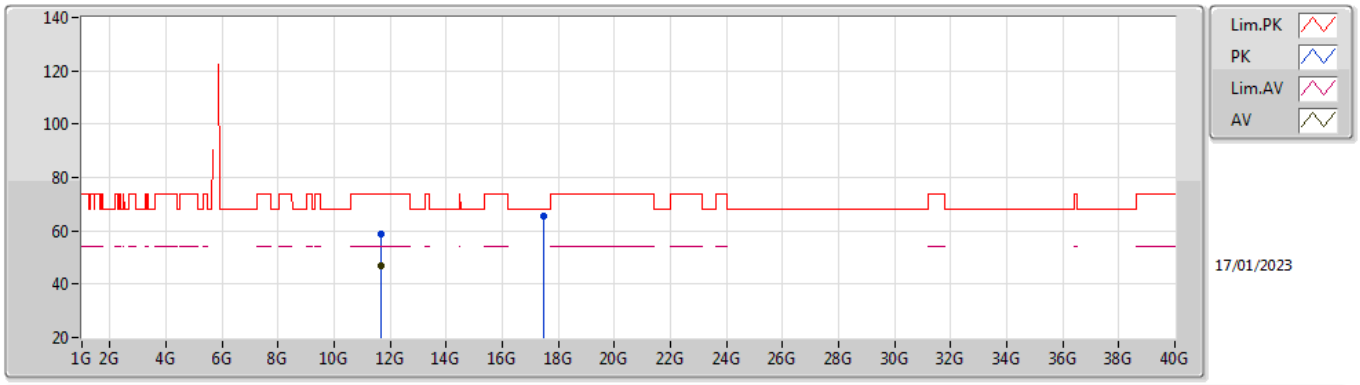


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64G	59.26	68.20	-8.94	54.23	3	Horizontal	344	2.31	-	32.80	7.12	34.89
PK	5.832G	121.19	Inf	-Inf	114.94	3	Horizontal	344	2.31	-	33.96	7.22	34.93
AV	5.832G	112.08	Inf	-Inf	105.83	3	Horizontal	344	2.31	-	33.96	7.22	34.93
PK	5.943G	61.26	68.20	-6.94	54.84	3	Horizontal	344	2.31	-	34.11	7.27	34.96

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

5825MHz_TX

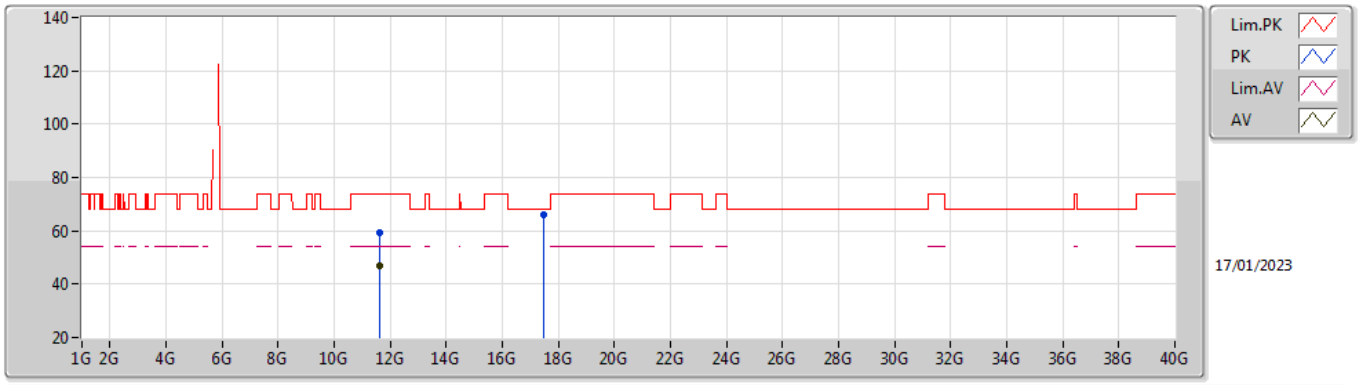


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6511G	58.92	74.00	-15.08	42.20	3	Vertical	360	1.14	-	38.75	12.91	34.94
AV	11.6488G	47.12	54.00	-6.88	30.39	3	Vertical	360	1.14	-	38.75	12.91	34.93
PK	17.47902G	65.50	68.20	-2.70	42.59	3	Vertical	246	1.29	-	39.52	17.59	34.20

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

5825MHz_TX

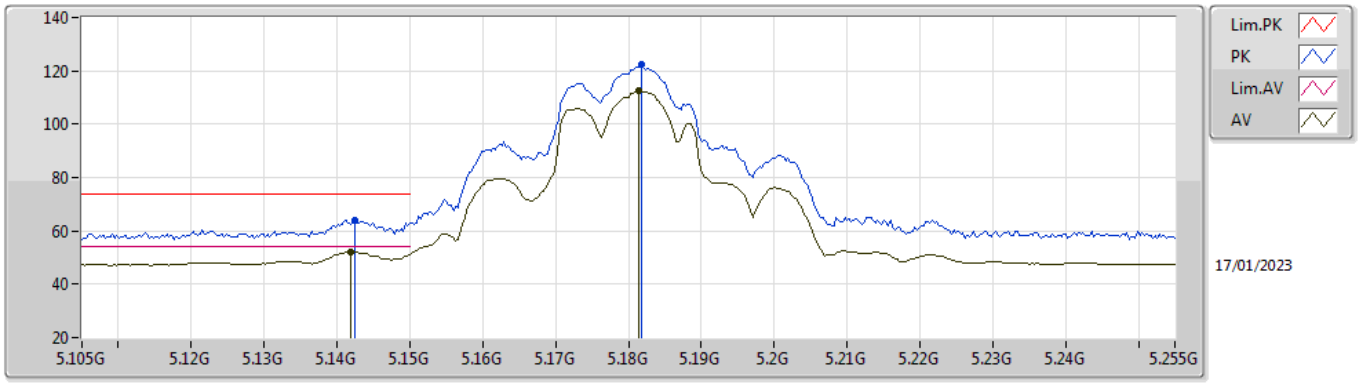


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64688G	59.12	74.00	-14.88	42.39	3	Horizontal	124	1.71	-	38.75	12.91	34.93
AV	11.64616G	47.10	54.00	-6.90	30.37	3	Horizontal	124	1.71	-	38.75	12.91	34.93
PK	17.47282G	66.19	68.20	-2.01	43.32	3	Horizontal	13	2.07	-	39.49	17.58	34.20

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

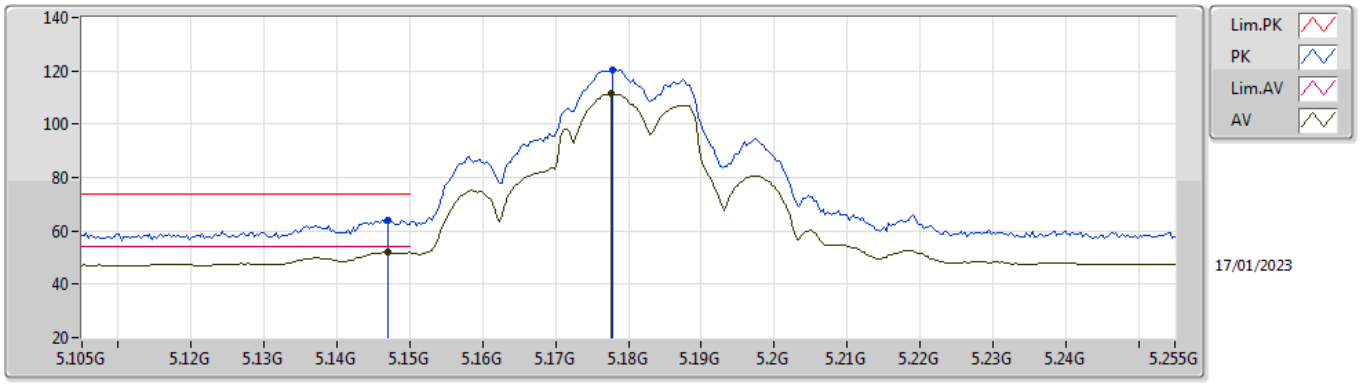


EUT Y_4TX
Setting 24.5
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1425G	63.84	74.00	-10.16	58.96	3	Vertical	274	1.44	-	33.02	6.74	34.88
AV	5.1419G	52.10	54.00	-1.90	47.22	3	Vertical	274	1.44	-	33.02	6.74	34.88
PK	5.1818G	122.26	Inf	-Inf	117.36	3	Vertical	274	1.44	-	33.00	6.78	34.88
AV	5.1815G	112.39	Inf	-Inf	107.49	3	Vertical	274	1.44	-	33.00	6.78	34.88

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

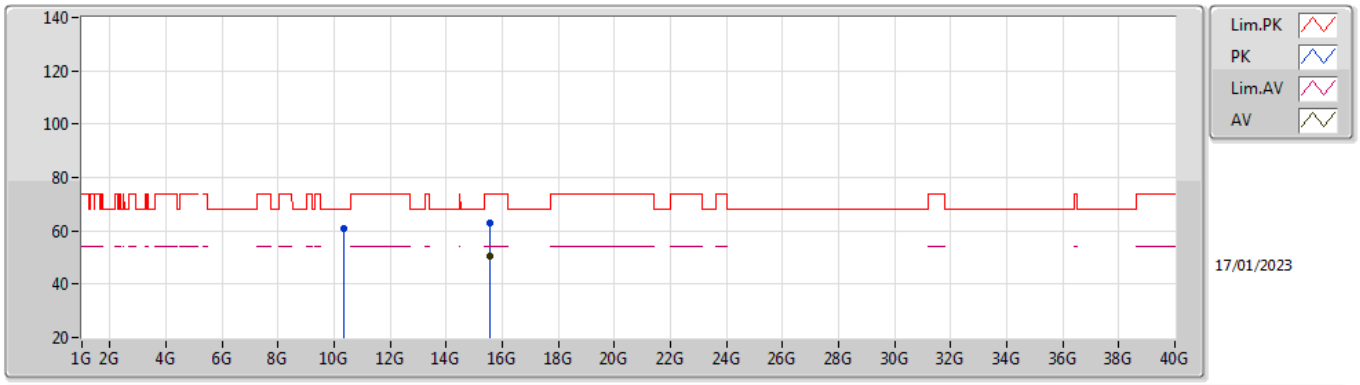


EUT Y_4TX
Setting 24.5
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	63.92	74.00	-10.08	59.04	3	Horizontal	312	1.80	-	33.01	6.75	34.88
AV	5.147G	52.02	54.00	-1.98	47.14	3	Horizontal	312	1.80	-	33.01	6.75	34.88
PK	5.1779G	120.41	Inf	-Inf	115.51	3	Horizontal	312	1.80	-	33.00	6.78	34.88
AV	5.1776G	111.31	Inf	-Inf	106.41	3	Horizontal	312	1.80	-	33.00	6.78	34.88

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

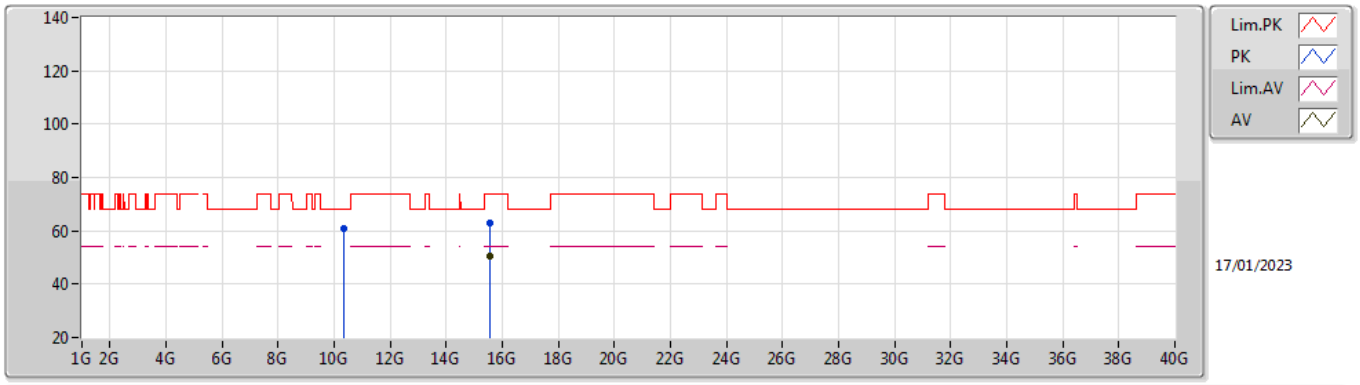


EUT Y_4TX
Setting 24.5
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35532G	60.61	68.20	-7.59	43.33	3	Vertical	183	2.30	-	38.76	12.20	33.68
PK	15.53944G	62.91	74.00	-11.09	43.25	3	Vertical	304	1.39	-	37.94	16.24	34.52
AV	15.53524G	50.57	54.00	-3.43	30.88	3	Vertical	304	1.39	-	37.96	16.24	34.51

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5180MHz_TX

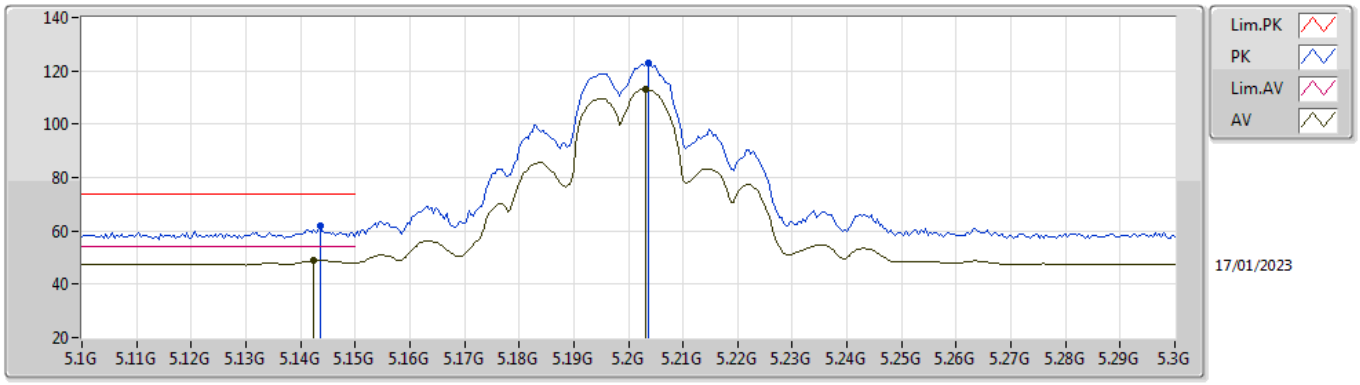


EUT Y_4TX
Setting 24.5
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35954G	61.04	68.20	-7.16	43.74	3	Horizontal	157	1.79	-	38.76	12.20	33.66
PK	15.54308G	62.84	74.00	-11.16	43.19	3	Horizontal	300	1.85	-	37.93	16.24	34.52
AV	15.53634G	50.56	54.00	-3.44	30.88	3	Horizontal	300	1.85	-	37.95	16.24	34.51

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

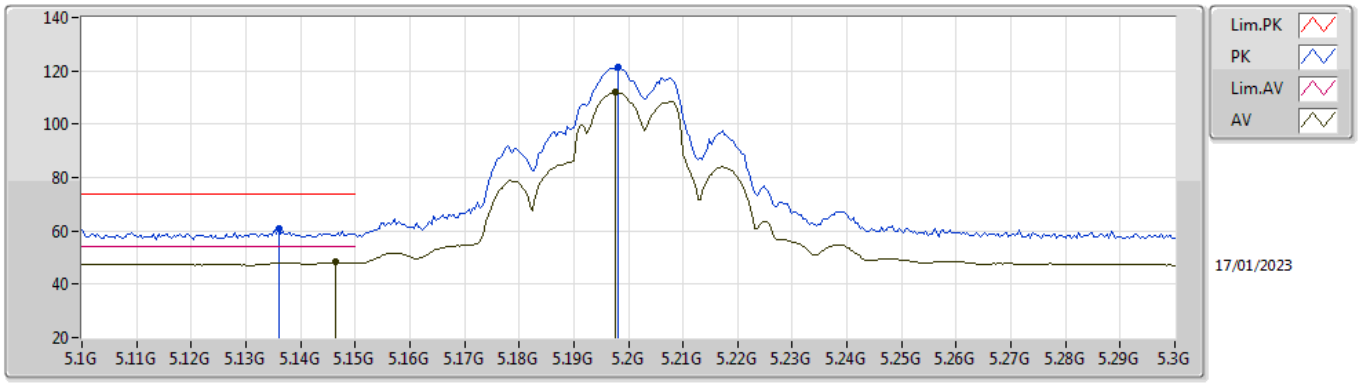


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1436G	61.67	74.00	-12.33	56.80	3	Vertical	277	1.45	-	33.01	6.74	34.88
AV	5.1424G	49.13	54.00	-4.87	44.25	3	Vertical	277	1.45	-	33.02	6.74	34.88
PK	5.2036G	122.69	Inf	-Inf	117.78	3	Vertical	277	1.45	-	32.99	6.80	34.88
AV	5.2032G	113.23	Inf	-Inf	108.32	3	Vertical	277	1.45	-	32.99	6.80	34.88

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

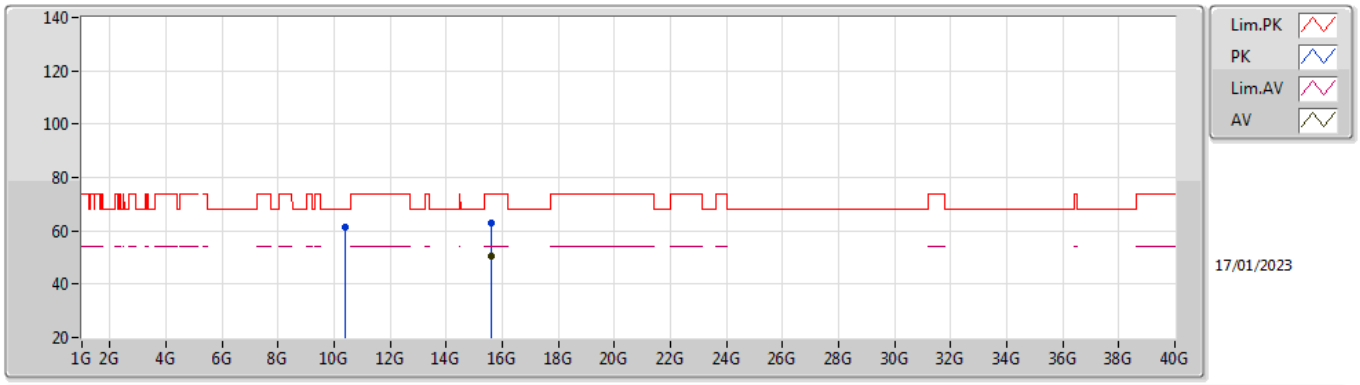


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.136G	60.66	74.00	-13.34	55.77	3	Horizontal	308	1.80	-	33.03	6.74	34.88
AV	5.1464G	48.23	54.00	-5.77	43.35	3	Horizontal	308	1.80	-	33.01	6.75	34.88
PK	5.198G	121.21	Inf	-Inf	116.29	3	Horizontal	308	1.80	-	33.00	6.80	34.88
AV	5.1976G	111.92	Inf	-Inf	107.00	3	Horizontal	308	1.80	-	33.00	6.80	34.88

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

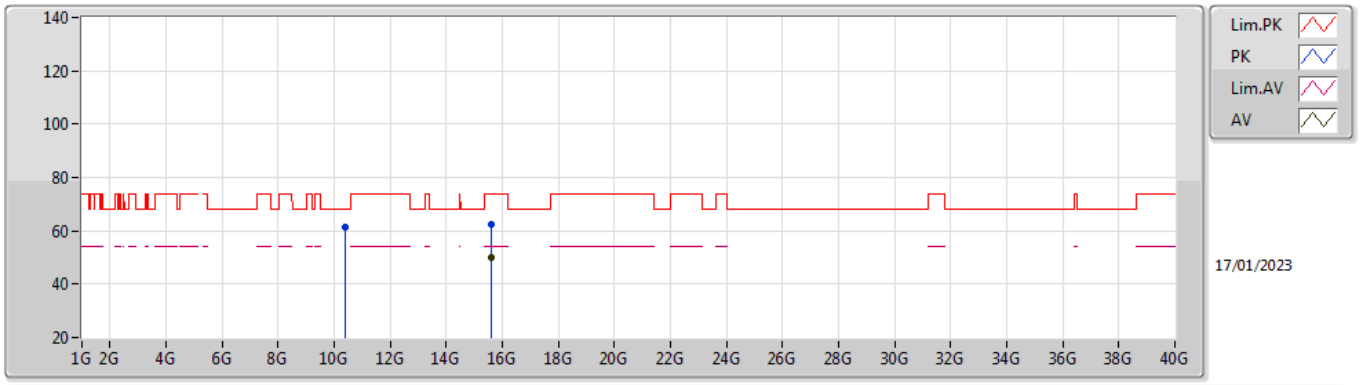


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.40322G	61.13	68.20	-7.07	43.57	3	Vertical	112	1.47	-	38.81	12.22	33.47
PK	15.59822G	62.85	74.00	-11.15	43.40	3	Vertical	18	1.16	-	37.71	16.30	34.56
AV	15.59668G	50.31	54.00	-3.69	30.86	3	Vertical	18	1.16	-	37.71	16.30	34.56

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5200MHz_TX

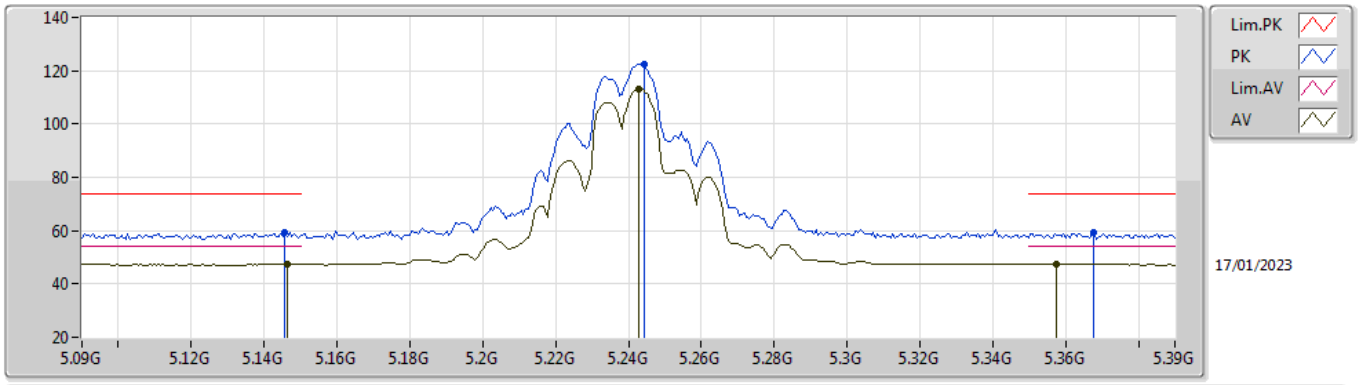


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.401G	61.40	68.20	-6.80	43.86	3	Horizontal	199	1.64	-	38.80	12.22	33.48
PK	15.59512G	62.24	74.00	-11.76	42.77	3	Horizontal	333	1.75	-	37.72	16.30	34.55
AV	15.59654G	50.24	54.00	-3.76	30.79	3	Horizontal	333	1.75	-	37.71	16.30	34.56

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

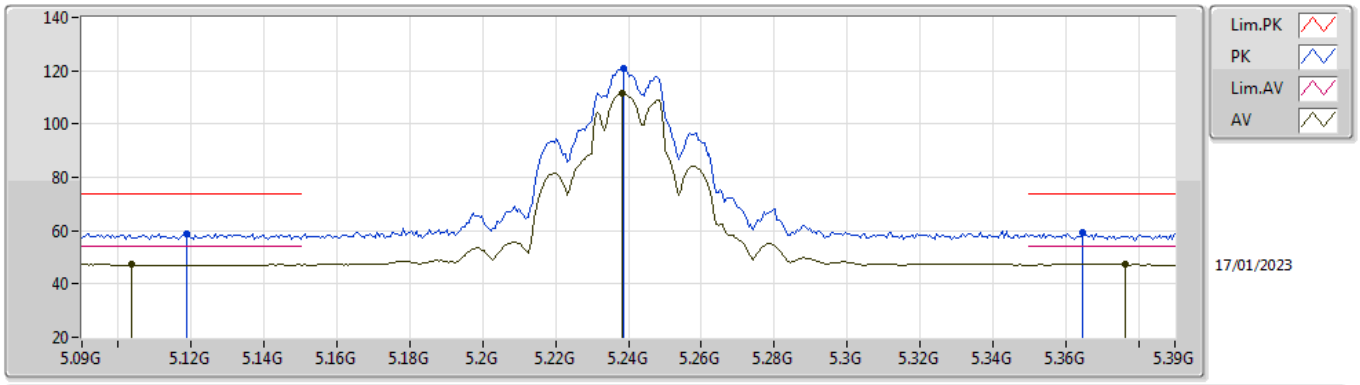


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1458G	59.19	74.00	-14.81	54.31	3	Vertical	275	1.60	-	33.01	6.75	34.88
AV	5.1464G	47.37	54.00	-6.63	42.49	3	Vertical	275	1.60	-	33.01	6.75	34.88
PK	5.2442G	122.65	Inf	-Inf	117.80	3	Vertical	275	1.60	-	32.91	6.82	34.88
AV	5.243G	113.34	Inf	-Inf	108.49	3	Vertical	275	1.60	-	32.91	6.82	34.88
PK	5.3678G	59.17	74.00	-14.83	54.22	3	Vertical	275	1.60	-	32.94	6.88	34.87
AV	5.3576G	47.36	54.00	-6.64	42.43	3	Vertical	275	1.60	-	32.92	6.88	34.87

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

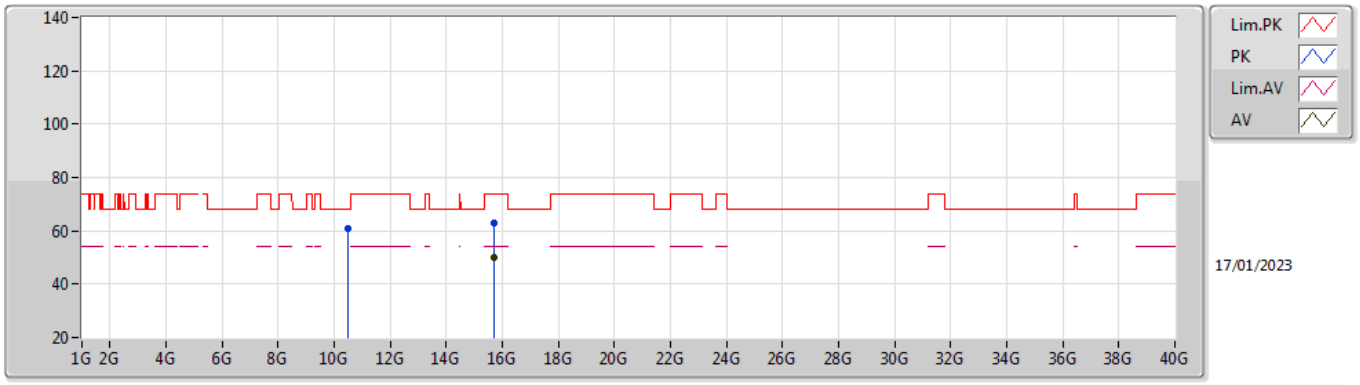


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1188G	59.05	74.00	-14.95	54.15	3	Horizontal	307	1.80	-	33.06	6.72	34.88
AV	5.1038G	47.28	54.00	-6.72	42.37	3	Horizontal	307	1.80	-	33.09	6.70	34.88
PK	5.2388G	120.81	Inf	-Inf	115.95	3	Horizontal	307	1.80	-	32.92	6.82	34.88
AV	5.2382G	111.75	Inf	-Inf	106.89	3	Horizontal	307	1.80	-	32.92	6.82	34.88
PK	5.3648G	59.54	74.00	-14.46	54.60	3	Horizontal	307	1.80	-	32.93	6.88	34.87
AV	5.3762G	47.35	54.00	-6.65	42.38	3	Horizontal	307	1.80	-	32.95	6.89	34.87

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

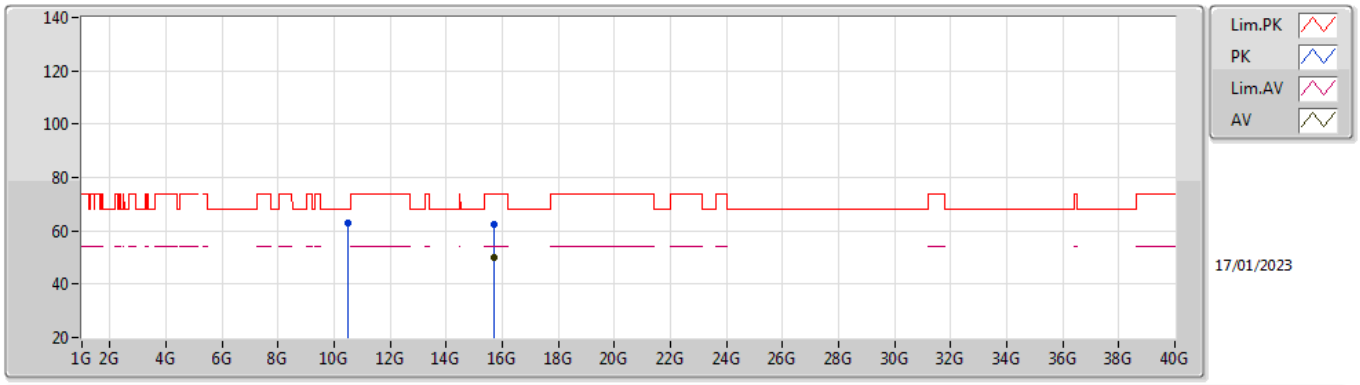


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4716G	61.03	68.20	-7.17	43.00	3	Vertical	18	3.00	-	38.94	12.26	33.17
PK	15.71716G	63.18	74.00	-10.82	43.97	3	Vertical	175	2.15	-	37.43	16.42	34.64
AV	15.72676G	50.09	54.00	-3.91	30.85	3	Vertical	175	2.15	-	37.45	16.43	34.64

5.15-5.25GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5240MHz_TX

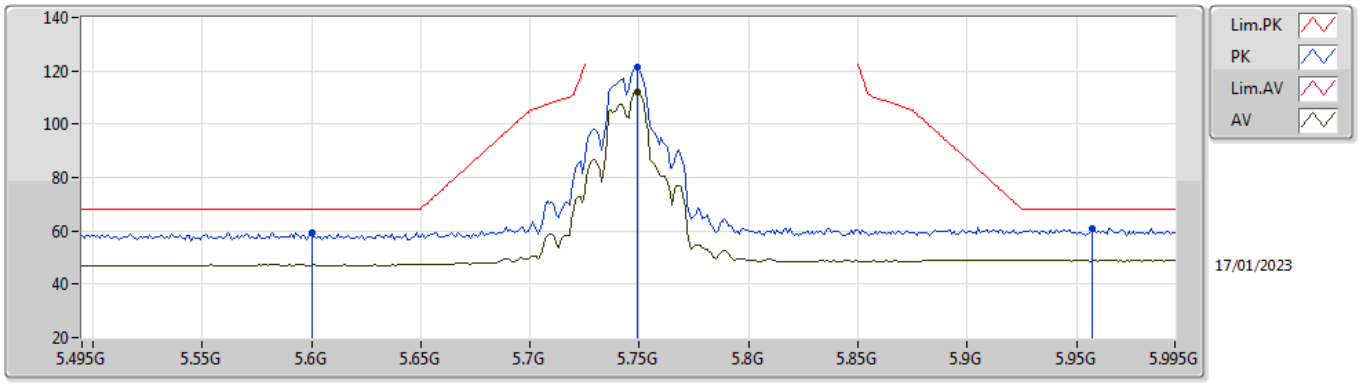


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.48364G	62.78	68.20	-5.42	44.66	3	Horizontal	-0	1.80	-	38.97	12.27	33.12
PK	15.71832G	62.63	74.00	-11.37	43.41	3	Horizontal	304	2.98	-	37.44	16.42	34.64
AV	15.72096G	50.20	54.00	-3.80	30.98	3	Horizontal	304	2.98	-	37.44	16.42	34.64

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

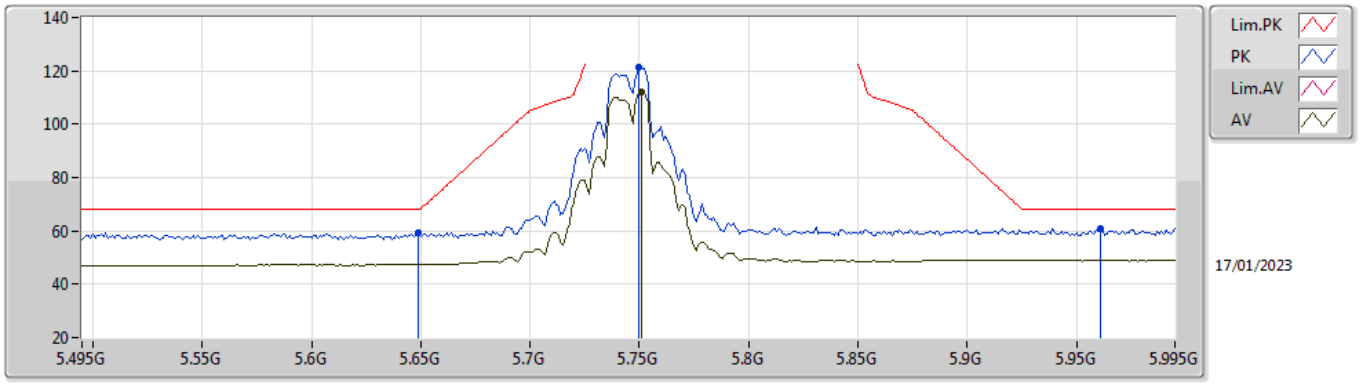


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6G	59.50	68.20	-8.70	54.48	3	Vertical	258	1.11	-	32.80	7.10	34.88
PK	5.749G	121.38	Inf	-Inf	115.43	3	Vertical	258	1.11	-	33.69	7.17	34.91
AV	5.749G	112.26	Inf	-Inf	106.31	3	Vertical	258	1.11	-	33.69	7.17	34.91
PK	5.957G	60.81	68.20	-7.39	54.39	3	Vertical	258	1.11	-	34.10	7.28	34.96

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

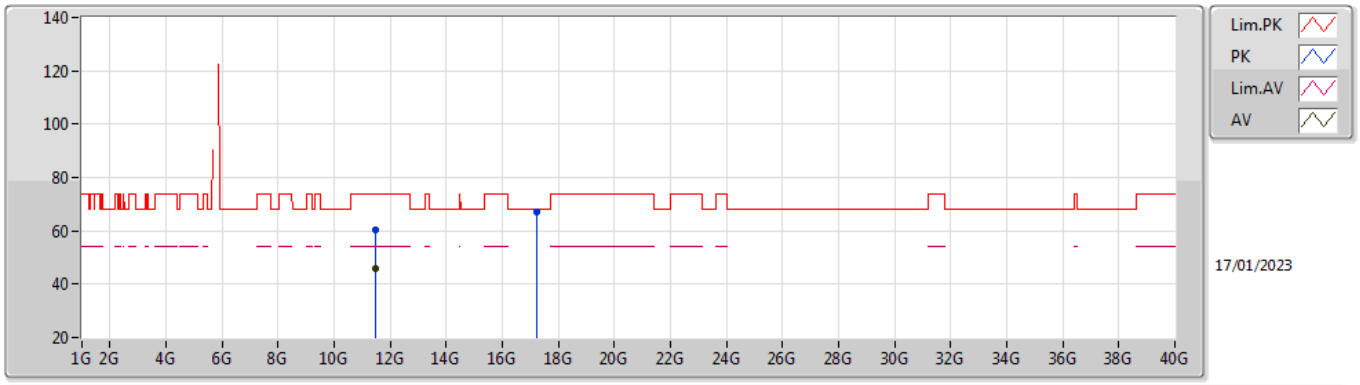


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.649G	59.43	68.20	-8.77	54.40	3	Horizontal	344	2.29	-	32.80	7.12	34.89
PK	5.75G	121.52	Inf	-Inf	115.56	3	Horizontal	344	2.29	-	33.70	7.17	34.91
AV	5.751G	112.29	Inf	-Inf	106.33	3	Horizontal	344	2.29	-	33.70	7.18	34.92
PK	5.961G	60.95	68.20	-7.25	54.53	3	Horizontal	344	2.29	-	34.10	7.28	34.96

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

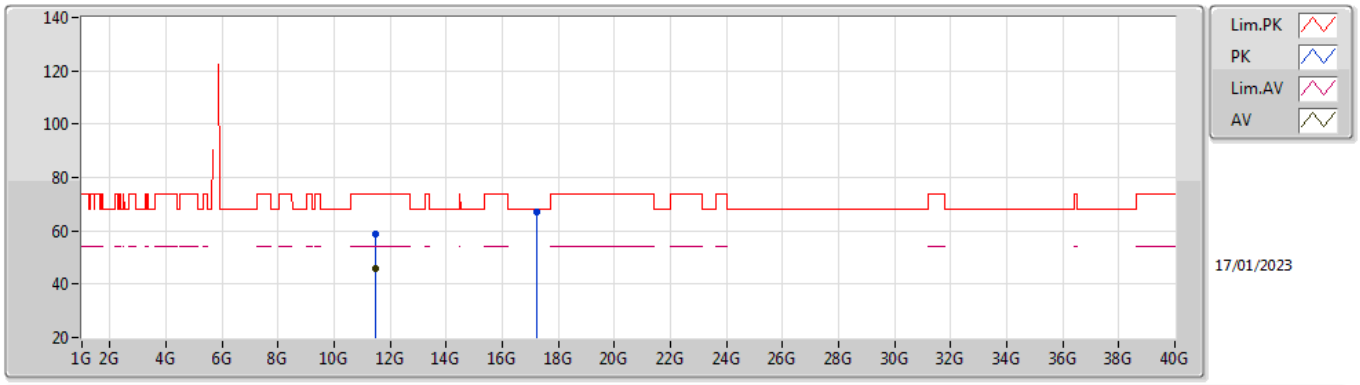


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48878G	60.42	74.00	-13.58	43.36	3	Vertical	261	1.06	-	39.10	12.82	34.86
AV	11.49198G	46.00	54.00	-8.00	28.94	3	Vertical	261	1.06	-	39.10	12.82	34.86
PK	17.23534G	67.14	68.20	-1.06	44.97	3	Vertical	121	1.57	-	38.87	17.44	34.14

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5745MHz_TX

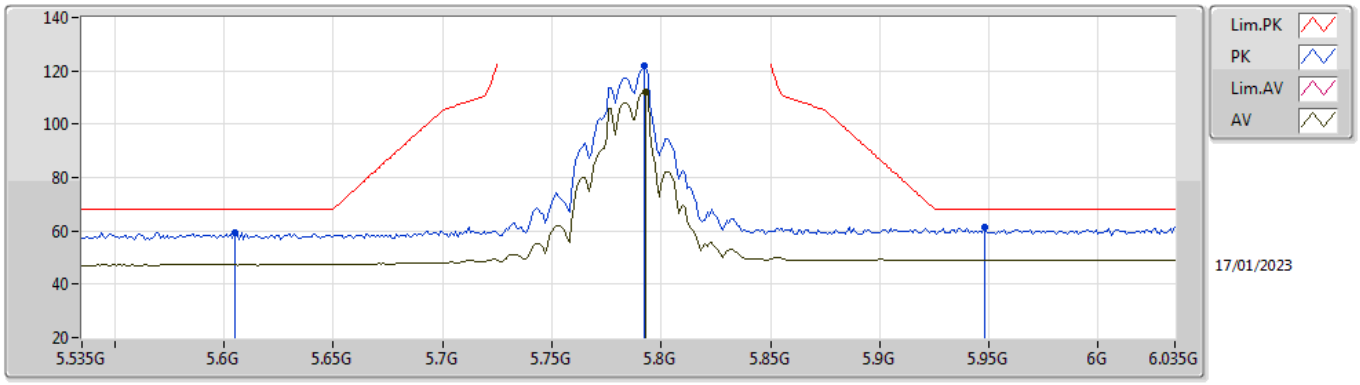


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48938G	58.82	74.00	-15.18	41.76	3	Horizontal	289	1.54	-	39.10	12.82	34.86
AV	11.4922G	46.00	54.00	-8.00	28.94	3	Horizontal	289	1.54	-	39.10	12.82	34.86
PK	17.23542G	66.85	68.20	-1.35	44.68	3	Horizontal	277	2.35	-	38.87	17.44	34.14

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

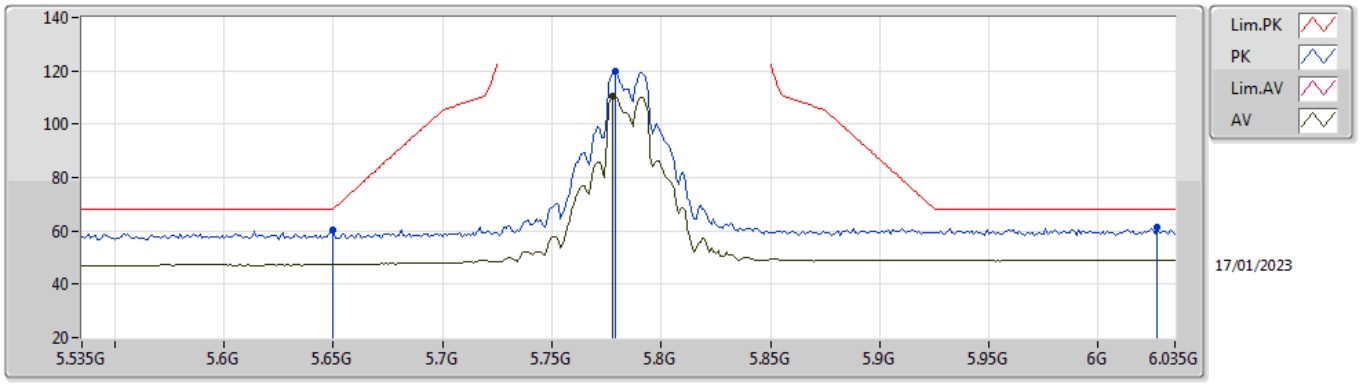


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.605G	59.54	68.20	-8.66	54.52	3	Vertical	281	1.23	-	32.80	7.10	34.88
PK	5.792G	122.07	Inf	-Inf	115.92	3	Vertical	281	1.23	-	33.87	7.20	34.92
AV	5.793G	112.21	Inf	-Inf	106.06	3	Vertical	281	1.23	-	33.87	7.20	34.92
PK	5.948G	61.59	68.20	-6.61	55.18	3	Vertical	281	1.23	-	34.10	7.27	34.96

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

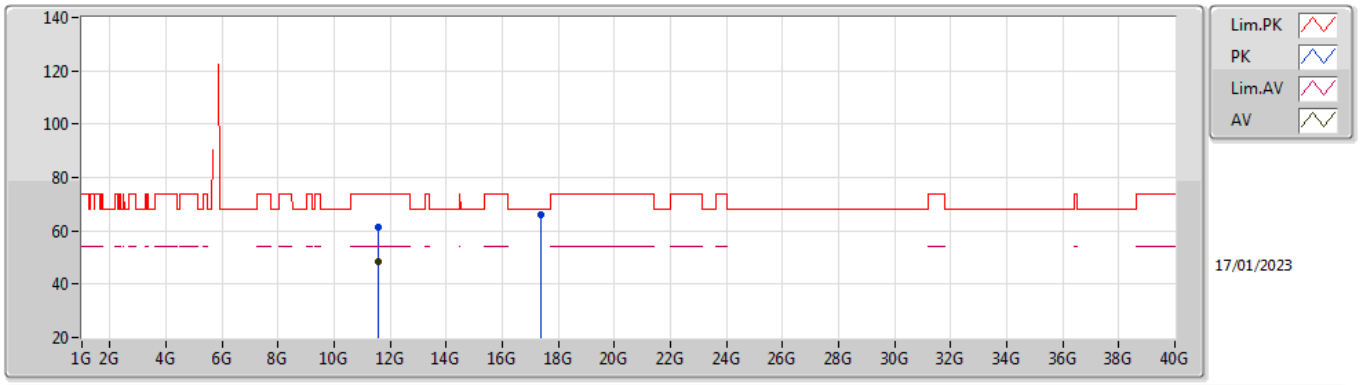


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	60.30	68.20	-7.90	55.27	3	Horizontal	331	1.80	-	32.80	7.12	34.89
PK	5.779G	119.59	Inf	-Inf	113.50	3	Horizontal	331	1.80	-	33.82	7.19	34.92
AV	5.778G	110.32	Inf	-Inf	104.24	3	Horizontal	331	1.80	-	33.81	7.19	34.92
PK	6.027G	61.22	68.20	-6.98	54.70	3	Horizontal	331	1.80	-	34.15	7.34	34.97

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

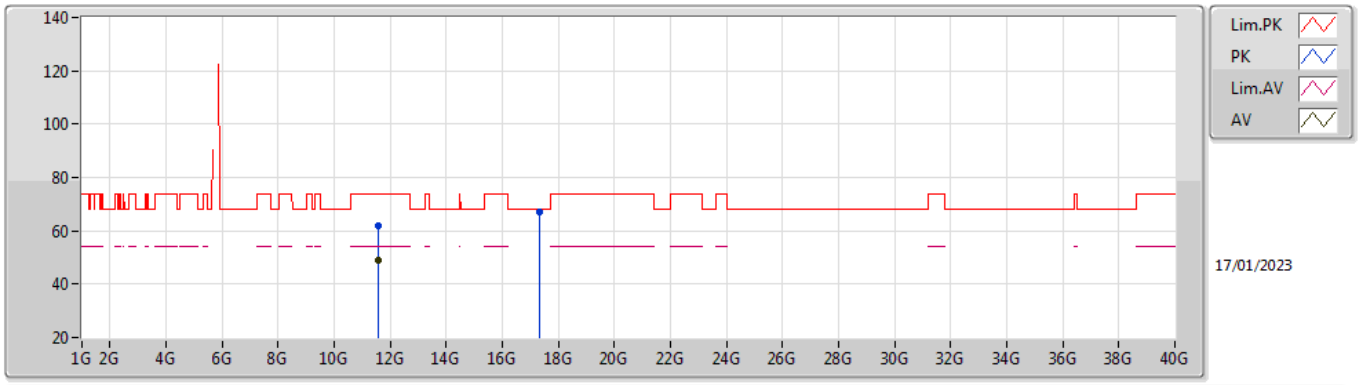


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.568G	61.29	74.00	-12.71	44.42	3	Vertical	295	1.78	-	38.90	12.86	34.89
AV	11.56864G	48.23	54.00	-5.77	31.37	3	Vertical	295	1.78	-	38.89	12.86	34.89
PK	17.35844G	65.88	68.20	-2.32	43.41	3	Vertical	252	3.00	-	39.12	17.52	34.17

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5785MHz_TX

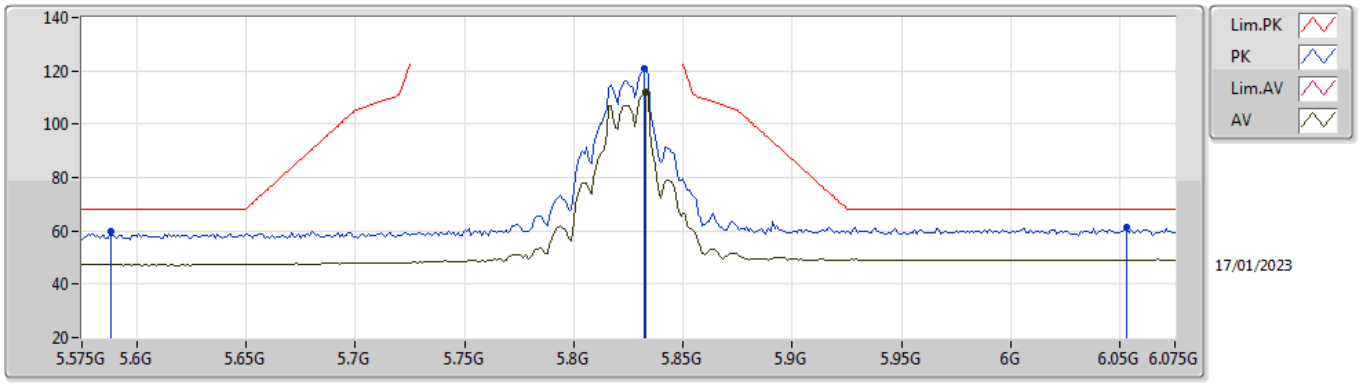


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5736G	61.91	74.00	-12.09	45.06	3	Horizontal	340	2.99	-	38.88	12.87	34.90
AV	11.56772G	49.04	54.00	-4.96	32.17	3	Horizontal	340	2.99	-	38.90	12.86	34.89
PK	17.34616G	67.12	68.20	-1.08	44.69	3	Horizontal	59	2.98	-	39.09	17.51	34.17

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

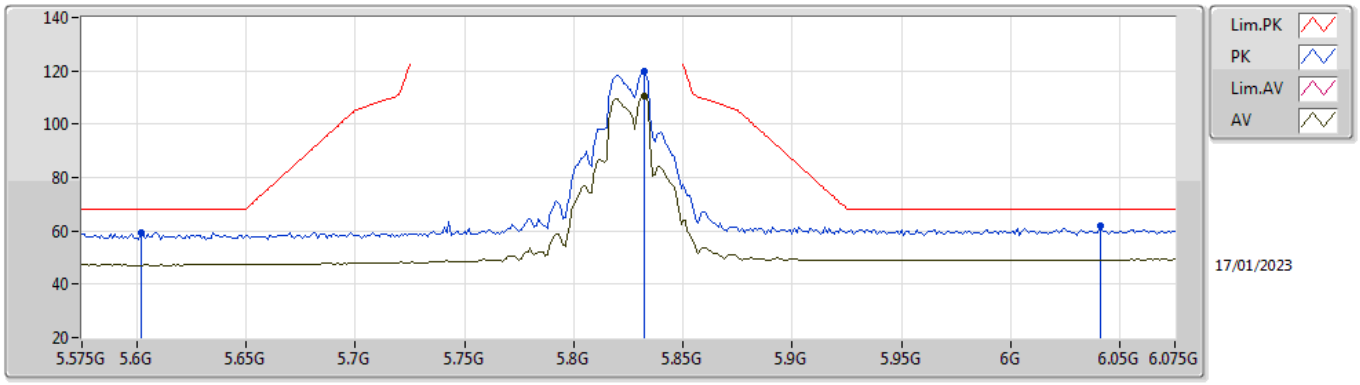


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.588G	59.81	68.20	-8.39	54.82	3	Vertical	281	1.24	-	32.78	7.09	34.88
PK	5.832G	120.81	Inf	-Inf	114.56	3	Vertical	281	1.24	-	33.96	7.22	34.93
AV	5.833G	112.02	Inf	-Inf	105.76	3	Vertical	281	1.24	-	33.97	7.22	34.93
PK	6.053G	61.45	68.20	-6.75	54.86	3	Vertical	281	1.24	-	34.19	7.38	34.98

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

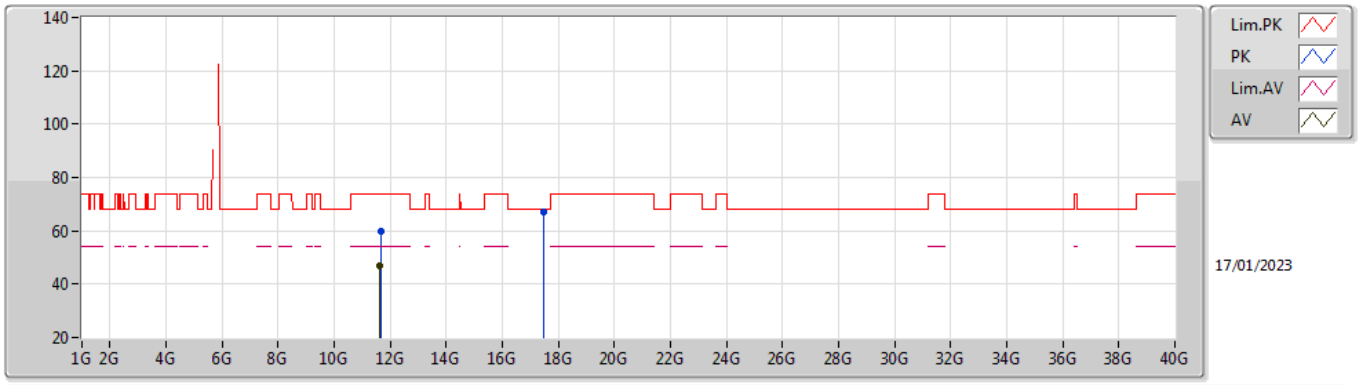


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.602G	59.11	68.20	-9.09	54.09	3	Horizontal	339	2.27	-	32.80	7.10	34.88
PK	5.832G	119.60	Inf	-Inf	113.35	3	Horizontal	339	2.27	-	33.96	7.22	34.93
AV	5.832G	110.26	Inf	-Inf	104.01	3	Horizontal	339	2.27	-	33.96	7.22	34.93
PK	6.041G	61.73	68.20	-6.47	55.16	3	Horizontal	339	2.27	-	34.18	7.36	34.97

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

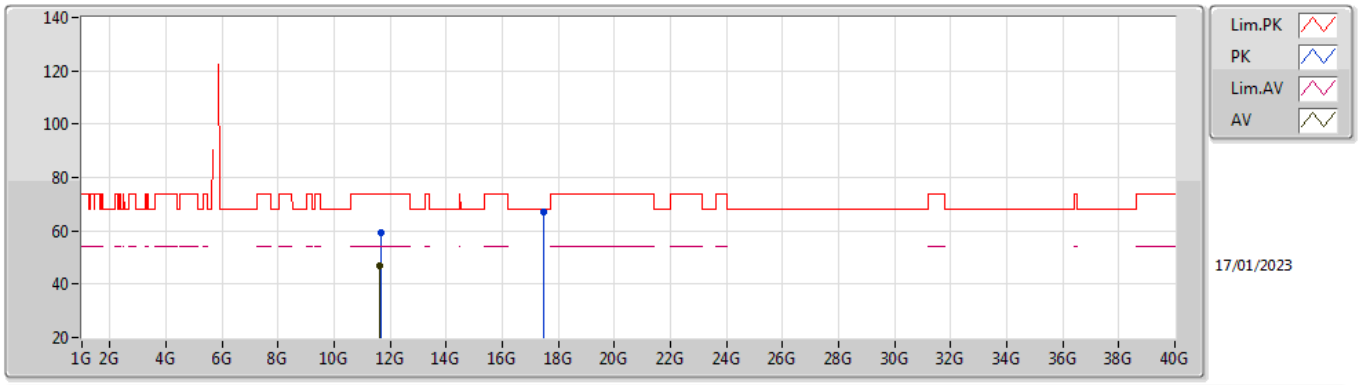


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.64762G	59.60	74.00	-14.40	42.87	3	Vertical	279	1.27	-	38.75	12.91	34.93
AV	11.64608G	46.65	54.00	-7.35	29.92	3	Vertical	279	1.27	-	38.75	12.91	34.93
PK	17.47138G	66.85	68.20	-1.35	43.98	3	Vertical	121	1.95	-	39.49	17.58	34.20

5.725-5.85GHz_802.11ac VHT20_Nss1,(MCS0)_4TX

5825MHz_TX

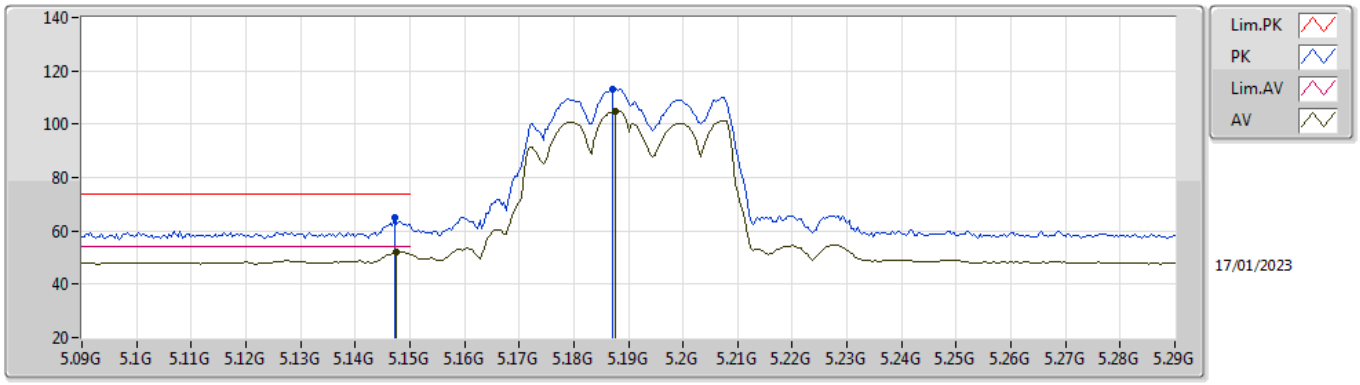


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65368G	59.15	74.00	-14.85	42.43	3	Horizontal	65	2.55	-	38.75	12.91	34.94
AV	11.6457G	46.71	54.00	-7.29	29.98	3	Horizontal	65	2.55	-	38.75	12.91	34.93
PK	17.47352G	67.07	68.20	-1.13	44.20	3	Horizontal	199	1.46	-	39.49	17.58	34.20

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

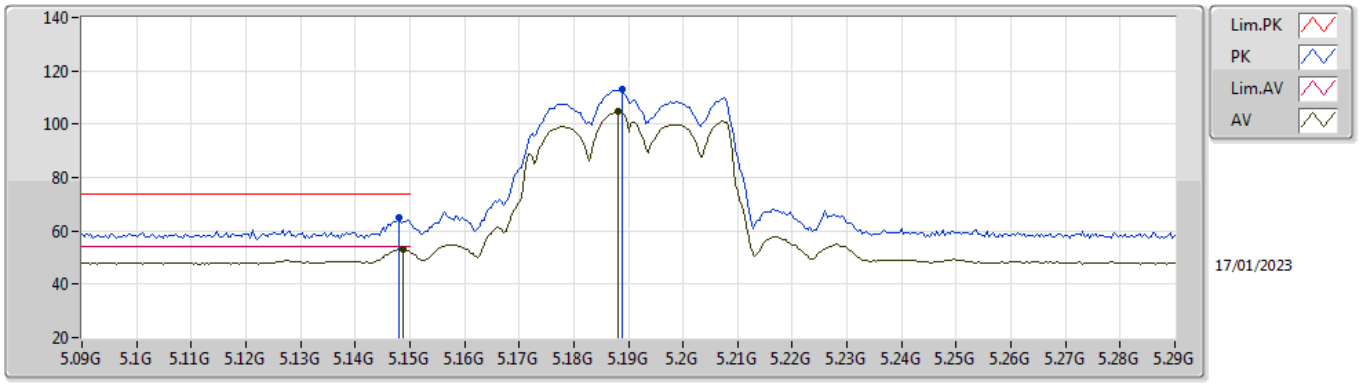


EUT Y_4TX
Setting 19.5
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	64.90	74.00	-9.10	60.02	3	Vertical	306	1.38	-	33.01	6.75	34.88
AV	5.1476G	52.16	54.00	-1.84	47.29	3	Vertical	306	1.38	-	33.00	6.75	34.88
PK	5.1872G	113.06	Inf	-Inf	108.15	3	Vertical	306	1.38	-	33.00	6.79	34.88
AV	5.1876G	104.90	Inf	-Inf	99.99	3	Vertical	306	1.38	-	33.00	6.79	34.88

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

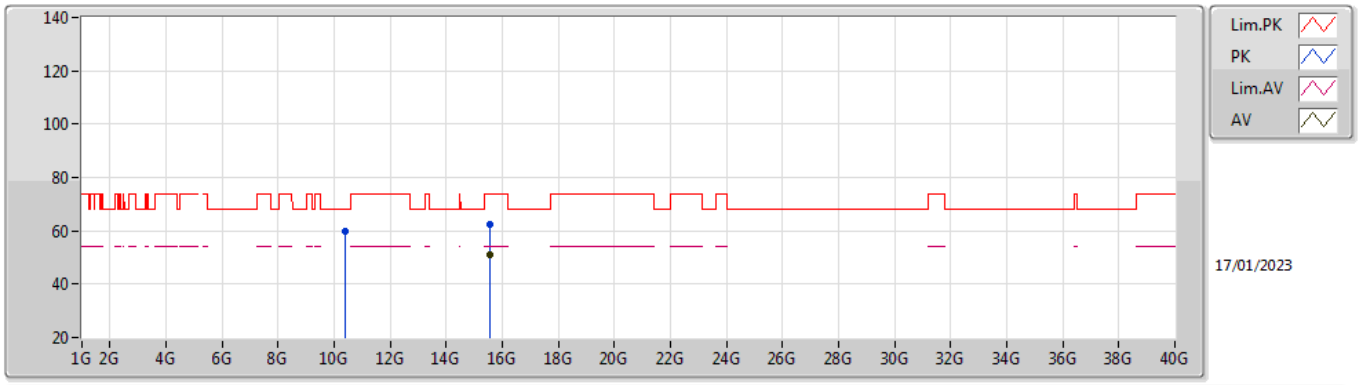


EUT Y_4TX
Setting 19.5
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.148G	65.04	74.00	-8.96	60.17	3	Horizontal	310	2.06	-	33.00	6.75	34.88
AV	5.1488G	52.97	54.00	-1.03	48.10	3	Horizontal	310	2.06	-	33.00	6.75	34.88
PK	5.1888G	113.01	Inf	-Inf	108.10	3	Horizontal	310	2.06	-	33.00	6.79	34.88
AV	5.188G	104.61	Inf	-Inf	99.70	3	Horizontal	310	2.06	-	33.00	6.79	34.88

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

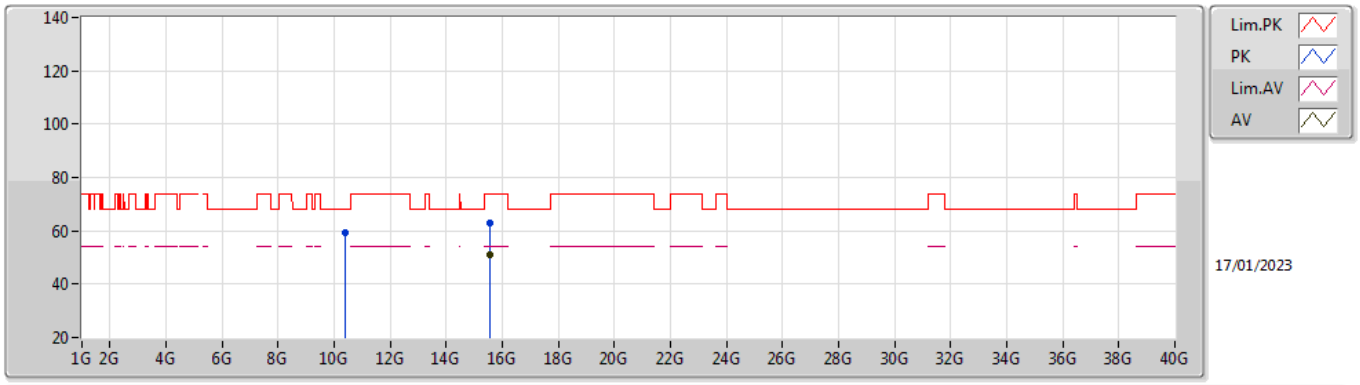


EUT Y_4TX
Setting 19.5
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38206G	59.97	68.20	-8.23	42.54	3	Vertical	95	1.02	-	38.78	12.21	33.56
PK	15.57218G	62.54	74.00	-11.46	43.00	3	Vertical	165	2.02	-	37.81	16.27	34.54
AV	15.56964G	51.00	54.00	-3.00	31.45	3	Vertical	165	2.02	-	37.82	16.27	34.54

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5190MHz_TX

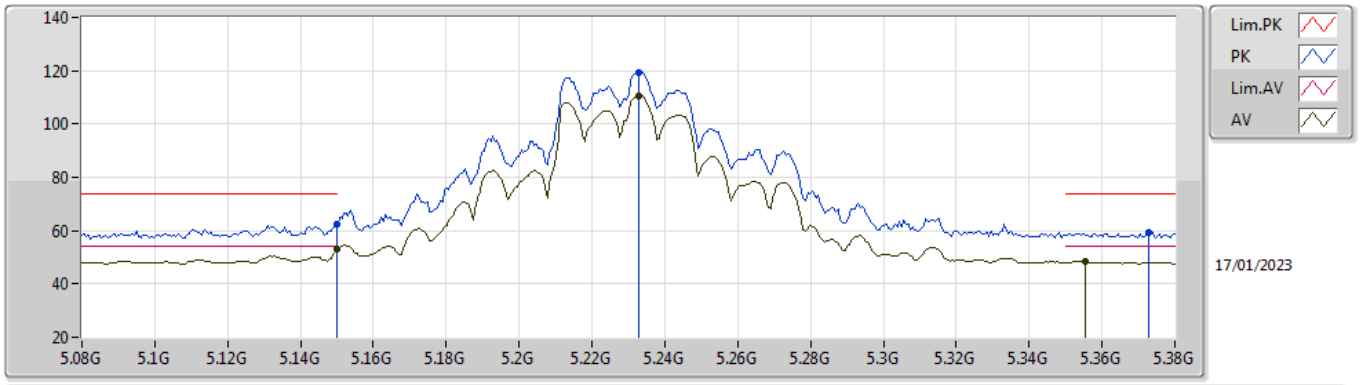


EUT Y_4TX
Setting 19.5
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.38032G	59.54	68.20	-8.66	42.12	3	Horizontal	131	1.34	-	38.78	12.21	33.57
PK	15.57212G	62.92	74.00	-11.08	43.38	3	Horizontal	150	1.32	-	37.81	16.27	34.54
AV	15.56744G	51.08	54.00	-2.92	31.52	3	Horizontal	150	1.32	-	37.83	16.27	34.54

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

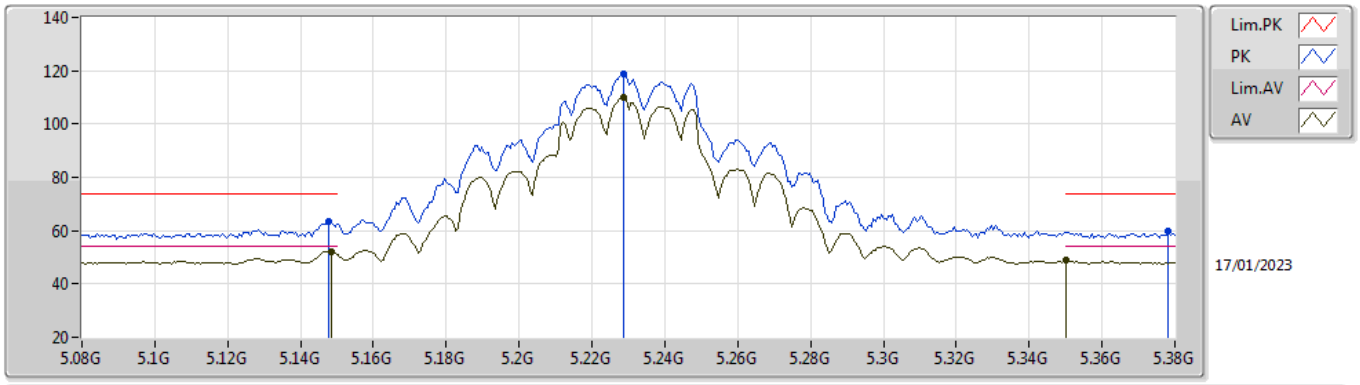


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	62.64	74.00	-11.36	57.77	3	Vertical	275	1.54	-	33.00	6.75	34.88
AV	5.15G	52.98	54.00	-1.02	48.11	3	Vertical	275	1.54	-	33.00	6.75	34.88
PK	5.233G	119.32	Inf	-Inf	114.45	3	Vertical	275	1.54	-	32.93	6.82	34.88
AV	5.233G	110.50	Inf	-Inf	105.63	3	Vertical	275	1.54	-	32.93	6.82	34.88
PK	5.3728G	59.45	74.00	-14.55	54.48	3	Vertical	275	1.54	-	32.95	6.89	34.87
AV	5.3554G	48.59	54.00	-5.41	43.67	3	Vertical	275	1.54	-	32.91	6.88	34.87

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

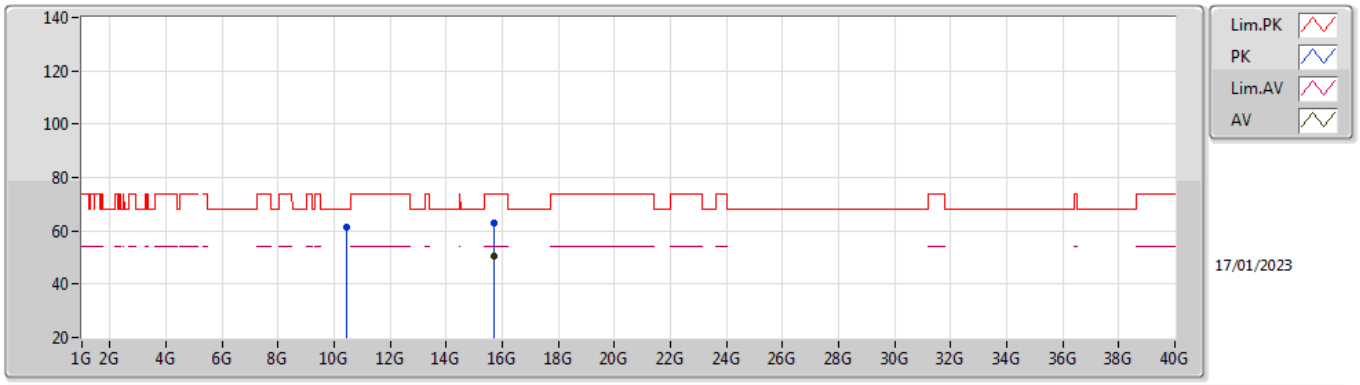


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1478G	63.32	74.00	-10.68	58.45	3	Horizontal	311	1.76	-	33.00	6.75	34.88
AV	5.1484G	52.17	54.00	-1.83	47.30	3	Horizontal	311	1.76	-	33.00	6.75	34.88
PK	5.2288G	118.83	Inf	-Inf	113.96	3	Horizontal	311	1.76	-	32.94	6.81	34.88
AV	5.2288G	109.87	Inf	-Inf	105.00	3	Horizontal	311	1.76	-	32.94	6.81	34.88
PK	5.3782G	59.84	74.00	-14.16	54.86	3	Horizontal	311	1.76	-	32.96	6.89	34.87
AV	5.35G	48.72	54.00	-5.28	43.81	3	Horizontal	311	1.76	-	32.90	6.88	34.87

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

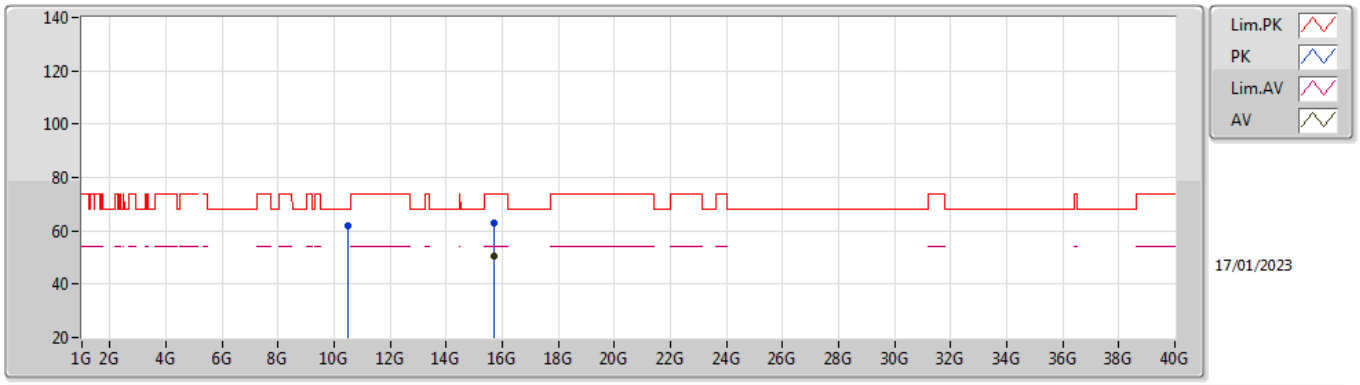


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.45404G	61.38	68.20	-6.82	43.47	3	Vertical	28	1.80	-	38.91	12.25	33.25
PK	15.69832G	62.78	74.00	-11.22	43.59	3	Vertical	308	1.73	-	37.41	16.40	34.62
AV	15.69904G	50.56	54.00	-3.44	31.39	3	Vertical	308	1.73	-	37.40	16.40	34.63

5.15-5.25GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5230MHz_TX

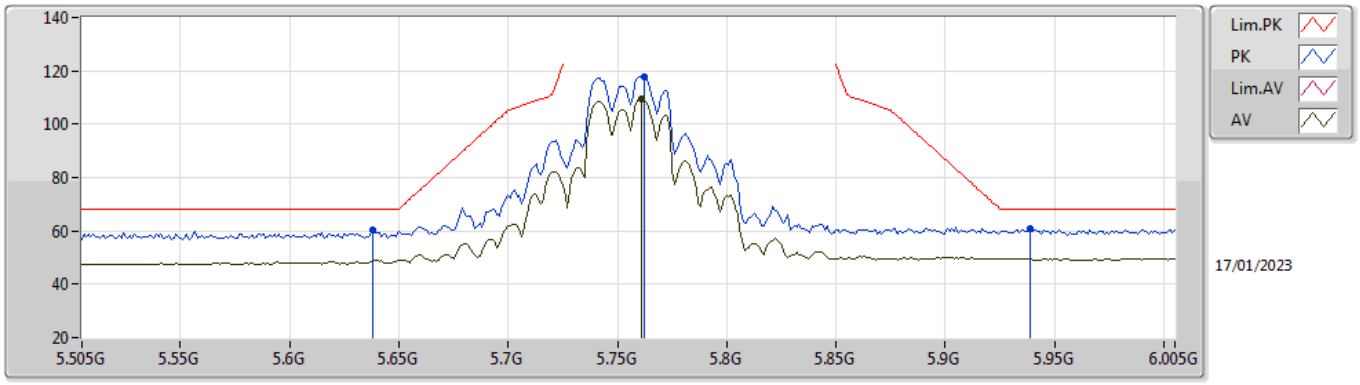


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.46824G	61.70	68.20	-6.50	43.69	3	Horizontal	-0	1.80	-	38.94	12.26	33.19
PK	15.6912G	63.03	74.00	-10.97	43.83	3	Horizontal	40	1.00	-	37.43	16.39	34.62
AV	15.6946G	50.57	54.00	-3.43	31.38	3	Horizontal	40	1.00	-	37.42	16.39	34.62

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

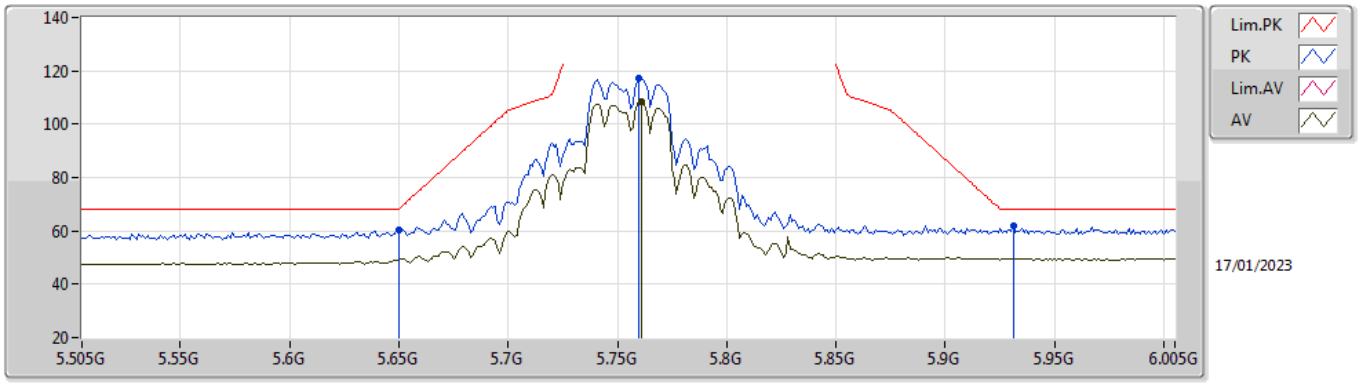


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.638G	60.15	68.20	-8.05	55.12	3	Vertical	279	1.23	-	32.80	7.12	34.89
PK	5.762G	117.93	Inf	-Inf	111.92	3	Vertical	279	1.23	-	33.75	7.18	34.92
AV	5.761G	109.41	Inf	-Inf	103.41	3	Vertical	279	1.23	-	33.74	7.18	34.92
PK	5.939G	60.85	68.20	-7.35	54.42	3	Vertical	279	1.23	-	34.12	7.27	34.96

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

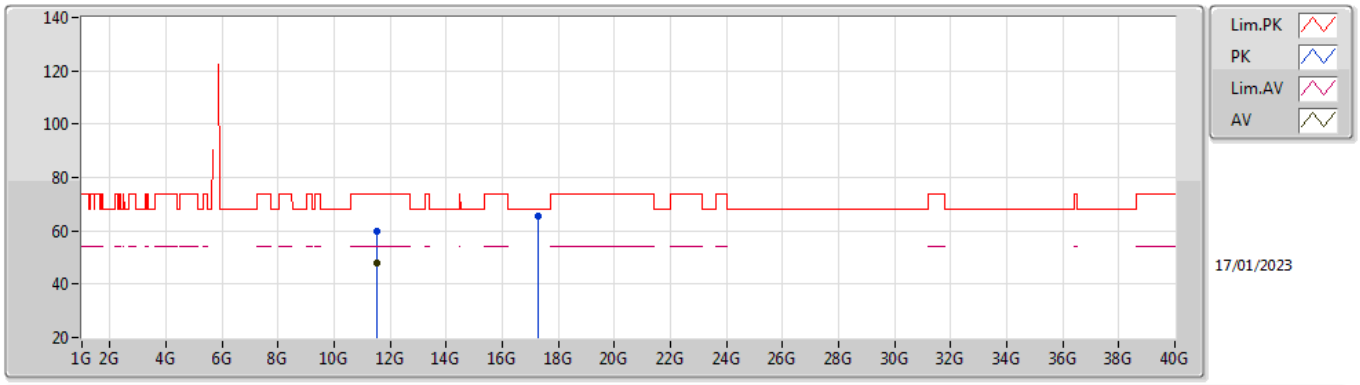


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	60.38	68.20	-7.82	55.35	3	Horizontal	340	2.42	-	32.80	7.12	34.89
PK	5.76G	117.14	Inf	-Inf	111.14	3	Horizontal	340	2.42	-	33.74	7.18	34.92
AV	5.761G	108.40	Inf	-Inf	102.40	3	Horizontal	340	2.42	-	33.74	7.18	34.92
PK	5.931G	61.95	68.20	-6.25	55.49	3	Horizontal	340	2.42	-	34.14	7.27	34.95

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

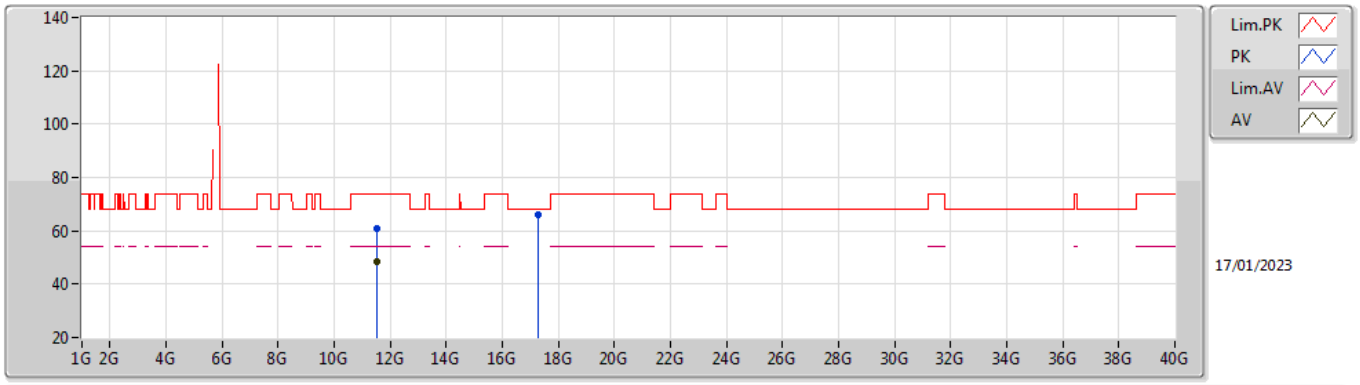


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5094G	59.81	74.00	-14.19	42.77	3	Vertical	297	1.56	-	39.07	12.83	34.86
AV	11.50916G	47.83	54.00	-6.17	30.79	3	Vertical	297	1.56	-	39.07	12.83	34.86
PK	17.26024G	65.75	68.20	-2.45	43.51	3	Vertical	-0	2.98	-	38.92	17.46	34.14

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5755MHz_TX

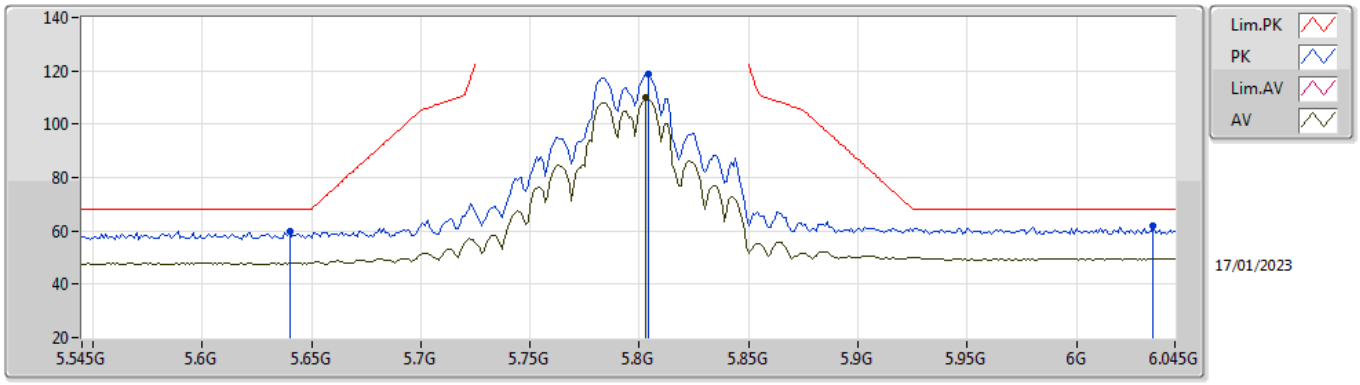


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50632G	60.90	74.00	-13.10	43.85	3	Horizontal	339	2.98	-	39.08	12.83	34.86
AV	11.50676G	48.59	54.00	-5.41	31.54	3	Horizontal	339	2.98	-	39.08	12.83	34.86
PK	17.26624G	66.08	68.20	-2.12	43.83	3	Horizontal	-0	2.94	-	38.93	17.46	34.14

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

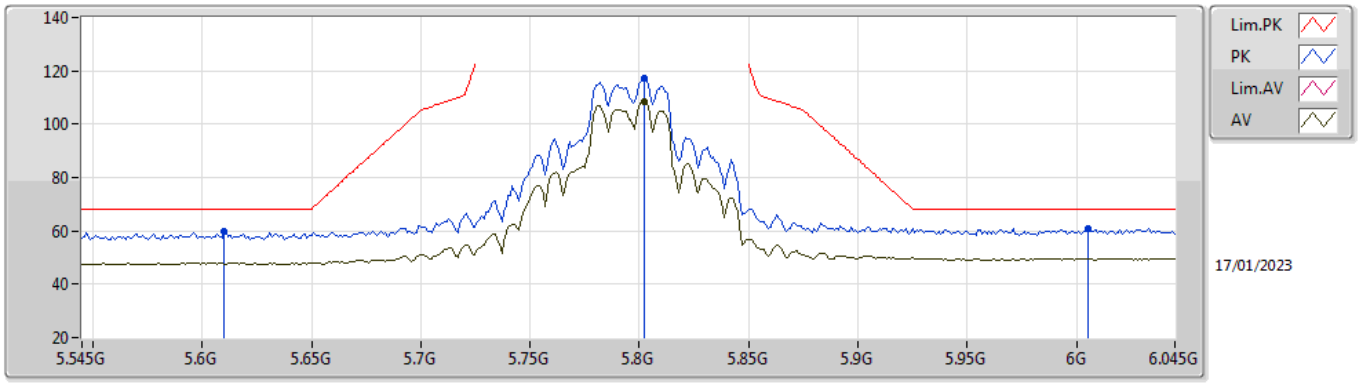


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.64G	59.84	68.20	-8.36	54.81	3	Vertical	282	1.35	-	32.80	7.12	34.89
PK	5.804G	118.73	Inf	-Inf	112.55	3	Vertical	282	1.35	-	33.91	7.20	34.93
AV	5.803G	109.91	Inf	-Inf	103.73	3	Vertical	282	1.35	-	33.91	7.20	34.93
PK	6.035G	61.79	68.20	-6.41	55.24	3	Vertical	282	1.35	-	34.17	7.35	34.97

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

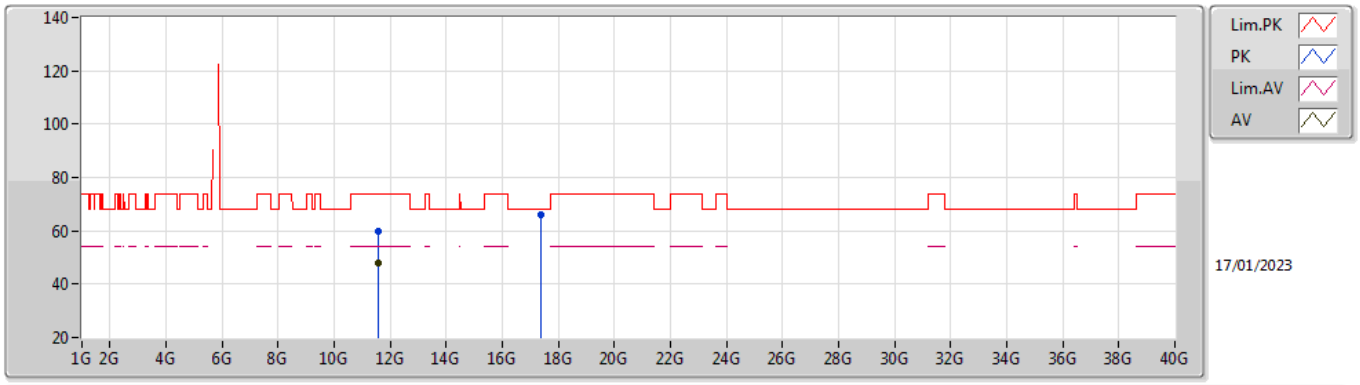


EUT Y_4TX
Setting 26
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.61G	59.63	68.20	-8.57	54.61	3	Horizontal	346	2.26	-	32.80	7.10	34.88
PK	5.802G	116.99	Inf	-Inf	110.82	3	Horizontal	346	2.26	-	33.90	7.20	34.93
AV	5.802G	108.55	Inf	-Inf	102.38	3	Horizontal	346	2.26	-	33.90	7.20	34.93
PK	6.005G	61.05	68.20	-7.15	54.60	3	Horizontal	346	2.26	-	34.11	7.31	34.97

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

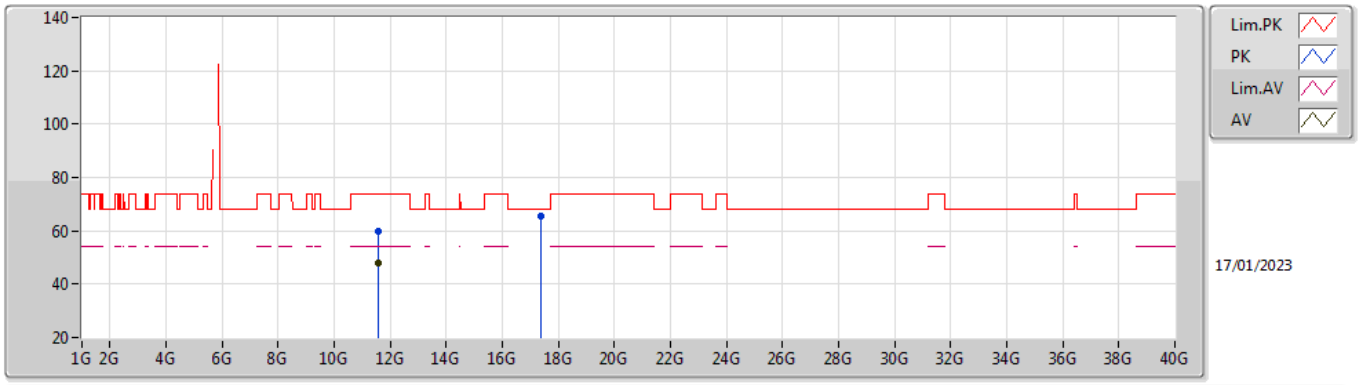


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.589G	59.99	74.00	-14.01	43.19	3	Vertical	252	2.81	-	38.83	12.87	34.90
AV	11.58892G	48.16	54.00	-5.84	31.36	3	Vertical	252	2.81	-	38.83	12.87	34.90
PK	17.38086G	65.81	68.20	-2.39	43.30	3	Vertical	174	2.04	-	39.16	17.53	34.18

5.725-5.85GHz_802.11ac VHT40_Nss1,(MCS0)_4TX

5795MHz_TX

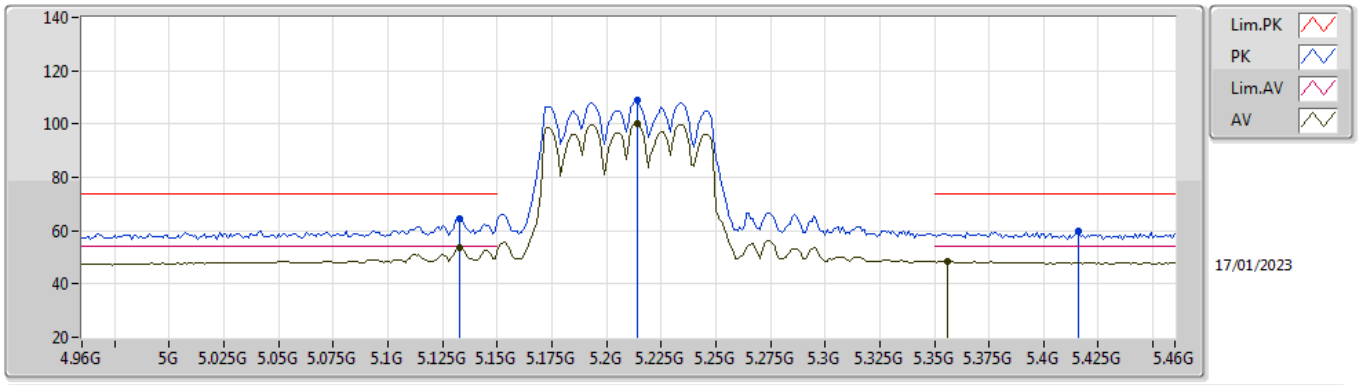


EUT Y_4TX
Setting 26
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.58624G	59.80	74.00	-14.20	42.99	3	Horizontal	188	1.30	-	38.84	12.87	34.90
AV	11.58946G	48.06	54.00	-5.94	31.26	3	Horizontal	188	1.30	-	38.83	12.87	34.90
PK	17.38044G	65.45	68.20	-2.75	42.94	3	Horizontal	96	2.92	-	39.16	17.53	34.18

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

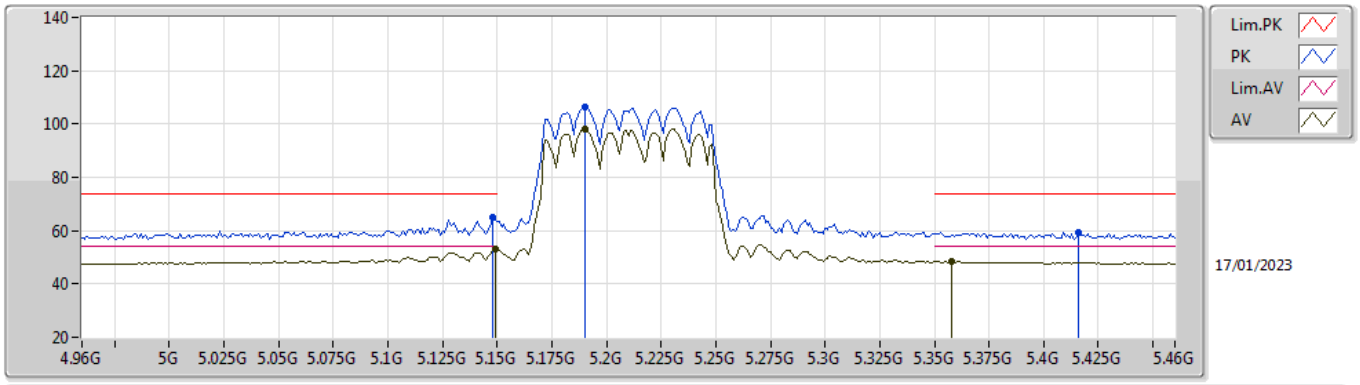


EUT Y_4TX
Setting 18
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.133G	64.50	74.00	-9.50	59.62	3	Vertical	278	1.80	-	33.03	6.73	34.88
AV	5.133G	53.62	54.00	-0.38	48.74	3	Vertical	278	1.80	-	33.03	6.73	34.88
PK	5.214G	108.74	Inf	-Inf	103.84	3	Vertical	278	1.80	-	32.97	6.81	34.88
AV	5.214G	100.29	Inf	-Inf	95.39	3	Vertical	278	1.80	-	32.97	6.81	34.88
PK	5.416G	59.74	74.00	-14.26	54.72	3	Vertical	278	1.80	-	32.97	6.92	34.87
AV	5.356G	48.59	54.00	-5.41	43.67	3	Vertical	278	1.80	-	32.91	6.88	34.87

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

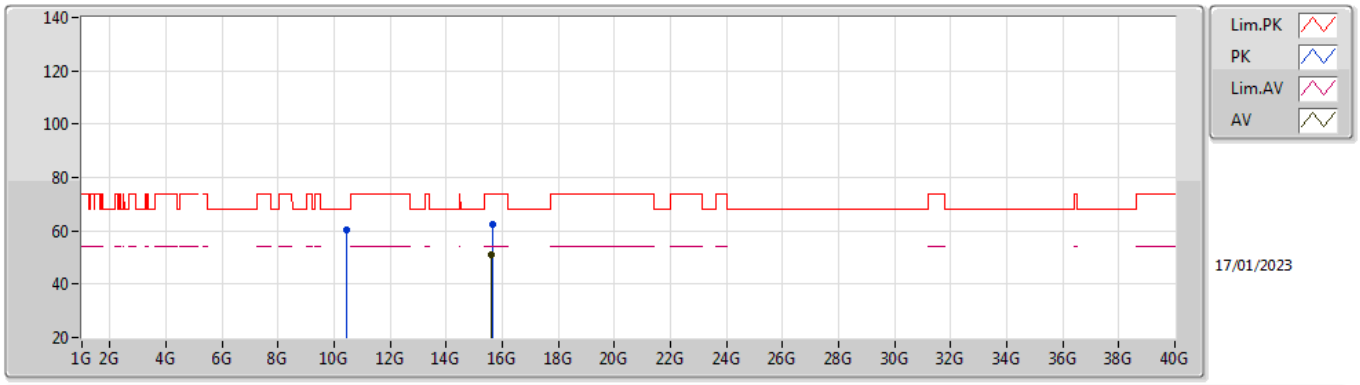


EUT Y_4TX
Setting 18
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.148G	65.18	74.00	-8.82	60.31	3	Horizontal	311	1.80	-	33.00	6.75	34.88
AV	5.149G	53.25	54.00	-0.75	48.38	3	Horizontal	311	1.80	-	33.00	6.75	34.88
PK	5.19G	106.44	Inf	-Inf	101.53	3	Horizontal	311	1.80	-	33.00	6.79	34.88
AV	5.19G	97.99	Inf	-Inf	93.08	3	Horizontal	311	1.80	-	33.00	6.79	34.88
PK	5.416G	59.38	74.00	-14.62	54.36	3	Horizontal	311	1.80	-	32.97	6.92	34.87
AV	5.358G	48.28	54.00	-5.72	43.35	3	Horizontal	311	1.80	-	32.92	6.88	34.87

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

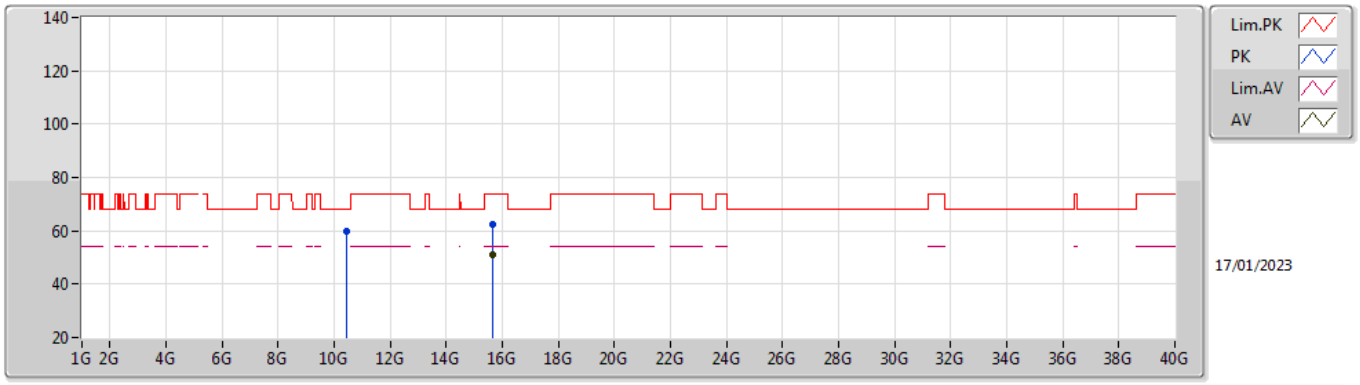


EUT Y_4TX
Setting 18
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.42228G	60.43	68.20	-7.77	42.75	3	Vertical	350	1.00	-	38.84	12.23	33.39
PK	15.63628G	62.49	74.00	-11.51	43.14	3	Vertical	360	1.52	-	37.59	16.34	34.58
AV	15.62004G	50.83	54.00	-3.17	31.44	3	Vertical	360	1.52	-	37.64	16.32	34.57

5.15-5.25GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

5210MHz_TX

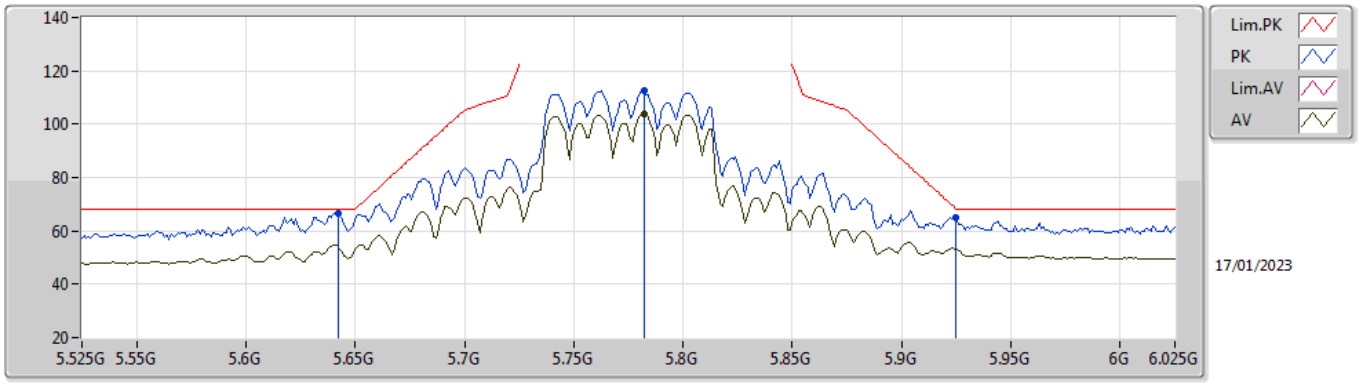


EUT Y_4TX
Setting 18
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.42492G	59.82	68.20	-8.38	42.12	3	Horizontal	3	2.58	-	38.85	12.23	33.38
PK	15.6386G	62.63	74.00	-11.37	43.29	3	Horizontal	25	1.80	-	37.58	16.34	34.58
AV	15.63988G	50.90	54.00	-3.10	31.57	3	Horizontal	25	1.80	-	37.58	16.34	34.59

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

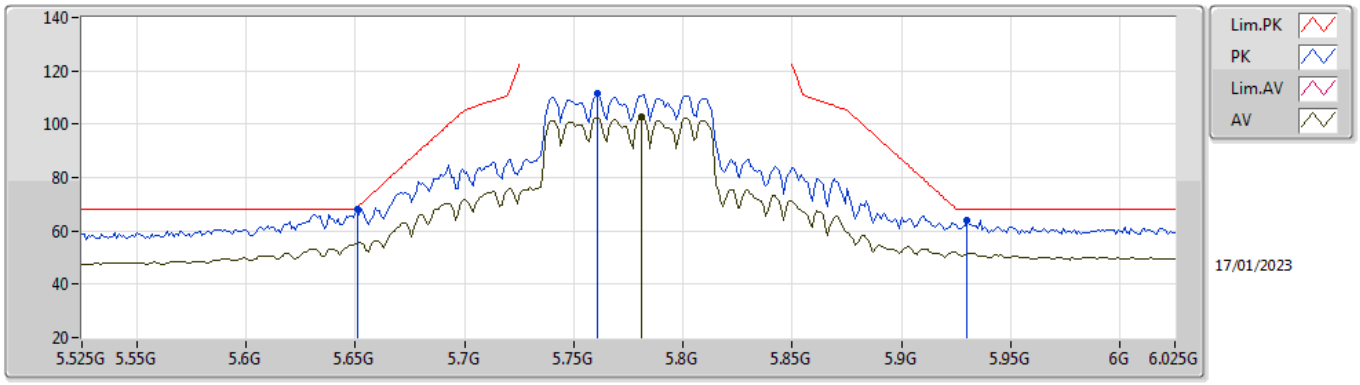


EUT Y_4TX
Setting 22.5
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.642G	66.72	68.20	-1.48	61.69	3	Vertical	280	1.20	-	32.80	7.12	34.89
PK	5.782G	112.79	Inf	-Inf	106.69	3	Vertical	280	1.20	-	33.83	7.19	34.92
AV	5.782G	103.65	Inf	-Inf	97.55	3	Vertical	280	1.20	-	33.83	7.19	34.92
PK	5.925G	65.07	68.20	-3.13	58.61	3	Vertical	280	1.20	-	34.15	7.26	34.95

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

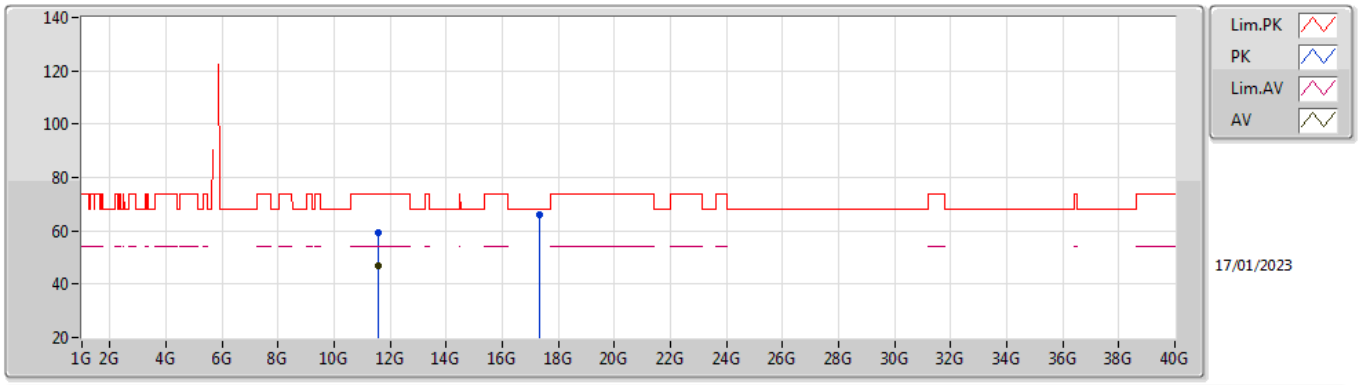


EUT Y_4TX
Setting 22.5
03-K-E-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.651G	68.18	68.94	-0.76	63.13	3	Horizontal	338	2.35	-	32.81	7.13	34.89
PK	5.761G	111.43	Inf	-Inf	105.43	3	Horizontal	338	2.35	-	33.74	7.18	34.92
AV	5.781G	102.69	Inf	-Inf	96.60	3	Horizontal	338	2.35	-	33.82	7.19	34.92
PK	5.93G	64.06	68.20	-4.14	57.61	3	Horizontal	338	2.35	-	34.14	7.26	34.95

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX

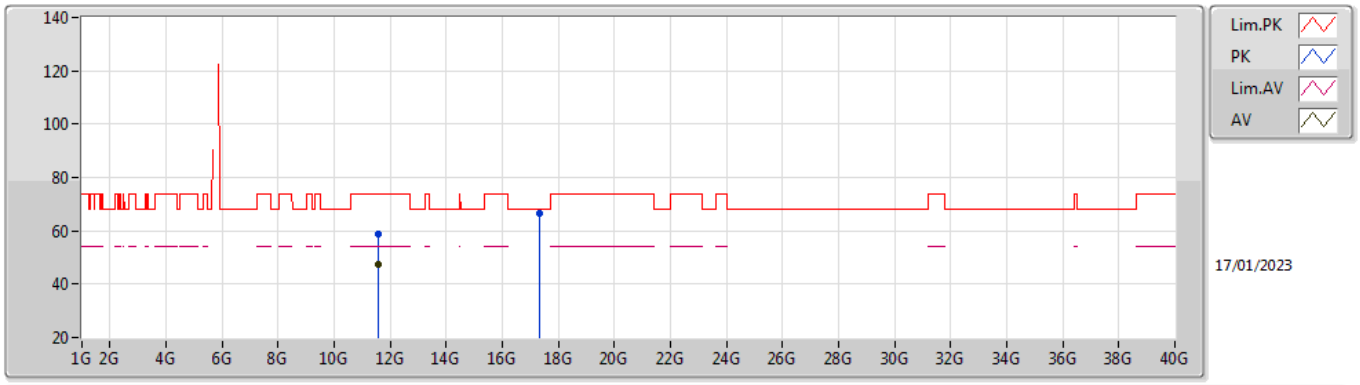


EUT Y_4TX
Setting 22.5
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55016G	59.31	74.00	-14.69	42.40	3	Vertical	292	1.00	-	38.95	12.85	34.89
AV	11.54984G	47.13	54.00	-6.87	30.21	3	Vertical	292	1.00	-	38.95	12.85	34.88
PK	17.32876G	66.23	68.20	-1.97	43.83	3	Vertical	264	2.67	-	39.06	17.50	34.16

5.725-5.85GHz_802.11ac VHT80_Nss1,(MCS0)_4TX

5775MHz_TX



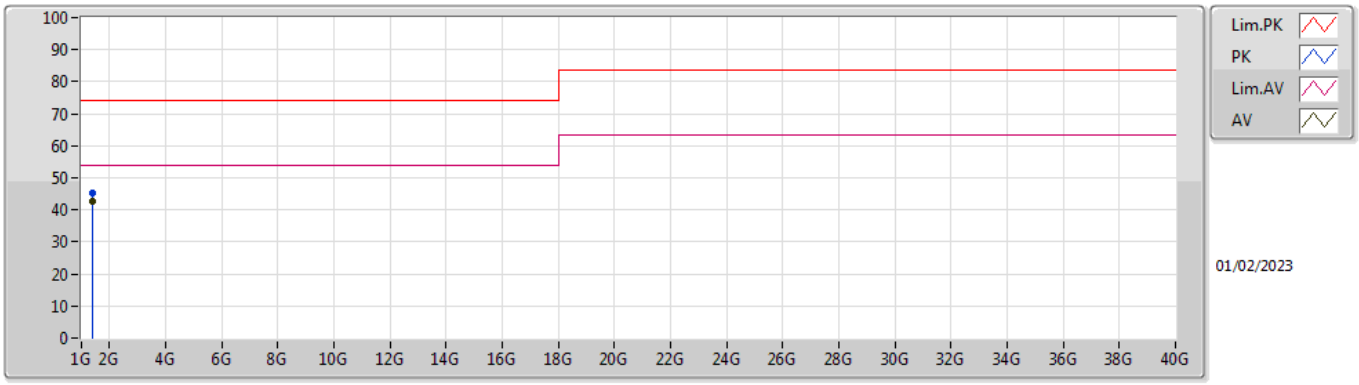
EUT Y_4TX
Setting 22.5
03-K-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.55572G	58.59	74.00	-15.41	41.69	3	Horizontal	26	2.37	-	38.93	12.86	34.89
AV	11.54944G	47.19	54.00	-6.81	30.27	3	Horizontal	26	2.37	-	38.95	12.85	34.88
PK	17.32188G	66.61	68.20	-1.59	44.24	3	Horizontal	30	2.88	-	39.04	17.49	34.16

Summary

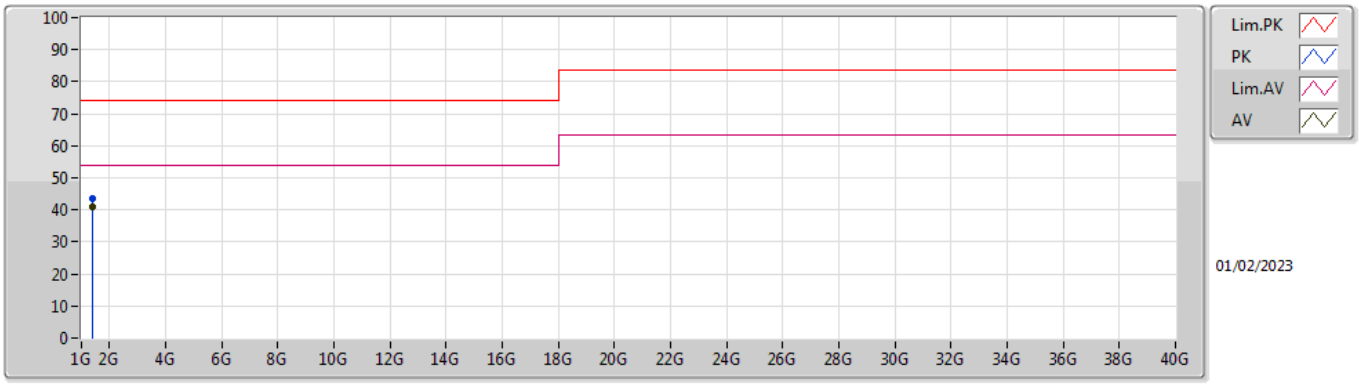
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.40603G	42.84	54.00	-11.16	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.40629G	45.37	74.00	-28.63	-7.40	3	Vertical	45	2.50	-	52.77	25.71	3.31	36.42
AV	1.40603G	42.84	54.00	-11.16	-7.40	3	Vertical	45	2.50	"Worst"	50.24	25.71	3.31	36.42

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.40627G	43.66	74.00	-30.34	-7.40	3	Horizontal	333	1.00	-	51.06	25.71	3.31	36.42
AV	1.40599G	40.83	54.00	-13.17	-7.40	3	Horizontal	333	1.00	"Worst"	48.23	25.71	3.31	36.42