



RADIO TEST REPORT

FCC ID : TLZ-XM9098
Equipment : IEEE 802.11X2 WiFi 6 SU and MU-MIMO DBC
Wireless LAN + Bluetooth 5.1 Combo Module
Brand Name : AzureWave
Model Name : AW-XM458, AW-XM369, AW-XM458MA-XXX,
AW-XM369MA-XXX
Applicant : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist., New
Taipei City , Taiwan 231
Manufacturer : AzureWave Technologies (Shanghai) Inc.
No. 1355, Jiaxin Road, Malu Twon, Jiading District
Shanghai, P.R. China
Standard : 47 CFR FCC Part 15.407

The product was received on Jun. 21, 2024, and testing was started from Jul. 11, 2024 and completed on Jul. 31, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this variant 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

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History of this test report

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

Page Number : 3 of 35
Issued Date : Aug. 15, 2024
Report Version : 01



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen**Report Producer: 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), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2
5.15-5.25GHz	802.11n HT20	20	2
5.15-5.25GHz	802.11n HT20-BF	20	2
5.15-5.25GHz	802.11ac VHT20	20	2
5.15-5.25GHz	802.11ac VHT20-BF	20	2
5.15-5.25GHz	802.11ax HEW20	20	2
5.15-5.25GHz	802.11ax HEW20-BF	20	2
5.15-5.25GHz	802.11n HT40	40	2
5.15-5.25GHz	802.11n HT40-BF	40	2
5.15-5.25GHz	802.11ac VHT40	40	2
5.15-5.25GHz	802.11ac VHT40-BF	40	2
5.15-5.25GHz	802.11ax HEW40	40	2
5.15-5.25GHz	802.11ax HEW40-BF	40	2
5.15-5.25GHz	802.11ac VHT 80	80	2
5.15-5.25GHz	802.11ac VHT 80-BF	80	2
5.15-5.25GHz	802.11ax HEW80	80	2



Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ax HEW80-BF	80	2
5.25-5.35GHz	802.11a	20	2
5.25-5.35GHz	802.11n HT20	20	2
5.25-5.35GHz	802.11n HT20-BF	20	2
5.25-5.35GHz	802.11ac VHT20-BF	20	2
5.25-5.35GHz	802.11ac VHT20	20	2
5.25-5.35GHz	802.11ac VHT20-BF	20	2
5.25-5.35GHz	802.11ax HEW20	20	2
5.25-5.35GHz	802.11ax HEW20-BF	20	2
5.25-5.35GHz	802.11n HT40	40	2
5.25-5.35GHz	802.11n HT40-BF	40	2
5.25-5.35GHz	802.11ac VHT40	40	2
5.25-5.35GHz	802.11ac VHT40-BF	40	2
5.25-5.35GHz	802.11ax HEW40	40	2
5.25-5.35GHz	802.11ax HEW40-BF	40	2
5.25-5.35GHz	802.11ac VHT 80	80	2
5.25-5.35GHz	802.11ac VHT 80-BF	80	2
5.25-5.35GHz	802.11ax HEW80	80	2
5.25-5.35GHz	802.11ax HEW80-BF	80	2
5.47-5.725GHz	802.11a	20	2
5.47-5.725GHz	802.11n HT20	20	2
5.47-5.725GHz	802.11n HT20-BF	20	2
5.47-5.725GHz	802.11ac VHT20	20	2
5.47-5.725GHz	802.11ac VHT20-BF	20	2
5.47-5.725GHz	802.11ax HEW20	20	2
5.47-5.725GHz	802.11ax HEW20-BF	20	2
5.47-5.725GHz	802.11n HT40	40	2
5.47-5.725GHz	802.11n HT40-BF	40	2
5.47-5.725GHz	802.11ac VHT40	40	2
5.47-5.725GHz	802.11ac VHT40-BF	40	2
5.47-5.725GHz	802.11ax HEW40	40	2
5.47-5.725GHz	802.11ax HEW40-BF	40	2
5.47-5.725GHz	802.11ac VHT 80	80	2
5.47-5.725GHz	802.11ac VHT 80-BF	80	2
5.47-5.725GHz	802.11ax HEW80	80	2



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ax HEW80-BF	80	2
5.47-5.725GHz	802.11a	20	2
5.725-5.85GHz	802.11n HT20	20	2
5.725-5.85GHz	802.11n HT20-BF	20	2
5.725-5.85GHz	802.11ac VHT20	20	2
5.725-5.85GHz	802.11ac VHT20-BF	20	2
5.47-5.725GHz	802.11ax HEW20	20	2
5.725-5.85GHz	802.11ax HEW20-BF	20	2
5.725-5.85GHz	802.11n HT40	40	2
5.725-5.85GHz	802.11n HT40-BF	40	2
5.725-5.85GHz	802.11ac VHT40	40	2
5.47-5.725GHz	802.11ac VHT40-BF	40	2
5.725-5.85GHz	802.11ax HEW40	40	2
5.725-5.85GHz	802.11ax HEW40-BF	40	2
5.725-5.85GHz	802.11ac VHT 80	80	2
5.725-5.85GHz	802.11ac VHT 80-BF	80	2
5.725-5.85GHz	802.11ax HEW80	80	2
5.725-5.85GHz	802.11ax HEW80-BF	80	2

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.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Set	Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
		WLAN 2.4GHz	WLAN 5GHz	Bluetooth					
1	1	1	1	-	MAG. LAYERS	MSA-4008-25GC1-A2	PIFA	I-PEX	Note 1
	2	2	2	-	MAG. LAYERS	MSA-4008-25GC1-A2	PIFA	I-PEX	
	3	-	-	1	MAG. LAYERS	MSA-4008-25GC1-A2	PIFA	I-PEX	
2	4	1/2	1/2	1	Inpaq	WA-P-LB-02-587	PCB	I-PEX	
3	5	1/2	1/2	1	Inpaq	WA-P-LB-03-129	PCB	I-PEX	
4	6	-	-	-	Inpaq	WA-P-LB-03-130	PCB	I-PEX	
5	7	-	-	-	Inpaq	WA-F-LB-03-110	PCB	I-PEX	
6	8	-	-	-	Inpaq	WA-F-LB-02-187	PCB	I-PEX	
7	9	-	-	-	Inpaq	WA-F-LA-01-015	PCB	I-PEX	
8	10	-	-	-	TE Connectivity	2195501-2	PCB	I-PEX	
9	11	-	-	-	TE Connectivity	2195505-2	PCB	I-PEX	
10	12	-	-	-	LUXSHARE-ICT	SA37A47021	Dipole	I-PEX	Note 2
	13	-	-	-	LUXSHARE-ICT	SA37A47021	Dipole	I-PEX	
11	14	-	-	-	LUXSHARE-ICT	SA37A47025	PIFA	I-PEX	Note 1
12	15	1/2	1/2	1	TAOGLAS	WLA.10	Chip	N/A	Note 1

Note1:

Set	Ant.	Port			Antenna Gain (dBi)		
		WLAN 2.4GHz	WLAN 5GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	1	1	1	-	2.98	5.16	-
	2	2	2	-	2.98	5.16	-
	3	-	-	1	-	-	2.98
2	4	1/2	1/2	1	4.43	7.52	4.43
3	5	1/2	1/2	1	6.51	3.2	6.51
4	6	-	-	-	4.91	5.84	4.91
5	7	-	-	-	-0.27	2.74	-0.27
6	8	-	-	-	0.07	2.39	0.07
7	9	-	-	-	5.66	-	5.66
8	10	-	-	-	0.47	1.88	0.47
9	11	-	-	-	0.77	0.96	0.77
11	14	-	-	-	-	-	-1.1
12	15	1/2	1/2	1	1.25	2.17	1.25



Note2:

Set	Ant.	Port		Cable Length	Antenna Gain (dBi)		Cable Loss (dB)		True Gain (dBi)	
		WLAN 2.4GHz	WLAN 5GHz		WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz	WLAN 5GHz
10	12	-	-	450mm	2.8	2.6	1.1	1.9	1.7	0.7
	13	-	-	470mm	2.8	2.6	1.2	2	1.6	0.6

Note3: The above information was declared by manufacturer.

Note4: There are 15 antenna sets listed on the antenna table. The antenna sets 1~9 and 12 have three antennas for each set. The antenna set 10 has two antennas. The antenna set 11 has one antenna. The EUT has four types of antenna.

Note5: Directional gain information.

For ant. 1~ant. 2

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

Ex.

Directional Gain (NSS1) formula :

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

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

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

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

Where ;

$$2.4G \ G1 = 2.98 ; G2 = 2.98 ; DG=5.99$$

$$5G \ G1 = 5.16 ; G2 = 5.16 ; DG=8.17$$

For ant. 4~ant. 5

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

Ex.

Directional Gain (NSS1) formula :

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

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

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

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

Where ;

For ant. 5

$$2.4G \ G1 = 6.51 ; G2 = 6.51 ; DG=9.52$$

For ant. 4

$$5G \ G1 = 7.52 ; G2 = 7.52 ; DG=10.53$$



For ant. 15

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

Ex.

Directional Gain (NSS1) formula :

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

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

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

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

Where ;

$$2.4G \ G1 = 1.25 \text{ dBi} ; G2 = 1.25 \text{ dBi} ; DG = 4.26 \text{ dBi}$$

$$5G \ G1 = 2.17 \text{ dBi} ; G2 = 2.17 \text{ dBi} ; DG = 5.18 \text{ dBi}$$

<WLAN 2.4GHz Function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<WLAN 5GHz Function>

For IEEE 802.11a/n/ac/ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

<Bluetooth Function> (1TX/1RX)

Only Port 1 can be used as transmitting/receiving.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss 1,(6D)	0.834	0.79	1.434m	1k
802.11ax HEW20_Nss 1,(M0)	0.936	0.29	3.907m	300
802.11ax HEW40_Nss 1,(M0)	0.873	0.59	1.984m	1k
802.11ax HEW80_Nss 1,(M0)	0.784	1.06	982.5u	3k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/ac/ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☐	Indoor P2M
	☐	Fixed P2P	☒	Client
	☒	Point-to-multipoint	☐	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	DutApiMimoApApp (Version : 2.0.0.80)			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

EUT	Model No.	GPIO	Antenna	RF Connector Trace and Type	Description
1	AW-XM458, AW-XM369	Without GPIO	PIFA, PCB, Dipole	-	All the model names are identical, the difference model names served as marketing strategy.
2	AW-XM458MA-XXX, AW-XM369MA-XXX	With GPIO		Type 1	All the model names are identical, the difference model names served as marketing strategy.
3				Type 2	
4			Chip	Type 3	

Note 1: From the above models, model: AW-XM458MA-XXX (EUT 4) was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR132339-07AB.

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Add EUT 4 with a new antenna type (chip antenna Set 12)	1. AC Power-line Conducted Emissions 2. Emission Bandwidth 3. Maximum Output Power 4. Power Spectral Density 5. Unwanted Emissions below 1GHz. 6. Unwanted Emissions above 1GHz. 7. Radiated Emission Co-location (For the above test items 2~4: Only retest the modes and frequencies which reduced power.)



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 ISCED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Jay Lo	22.8~24.8 / 61~63	Jul. 18, 2024~ Jul. 22, 2024
Radiated below 1GHz and Emission Co-location	03CH01-CB	Chris Li	21.9-22.4 / 55-58	Jul. 11, 2024~ Jul. 24, 2024
Radiated above 1GHz	03CH01-CB	Chris Li	21.9-22.4 / 55-58	Jul. 11, 2024~ Jul. 24, 2024
	03CH05-CB		21.6-22.7 / 56-59	Jul. 11, 2024~ Jul. 24, 2024
AC Conduction	CO01-CB	Ryan Huang	22~23 / 51~53	Jul. 31, 2024

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11a_Nss1,(6Mbps)_2TX
5320MHz
802.11ax HEW20_Nss1,(MCS0)_2TX
5180MHz
5320MHz
802.11ax HEW40_Nss1,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
5550MHz
802.11ax HEW80_Nss1,(MCS0)_2TX
5210MHz
5290MHz
5530MHz
802.11ax HEW20-BF_Nss1,(MCS0)_2TX
5180MHz
5320MHz
802.11ax HEW40-BF_Nss1,(MCS0)_2TX
5190MHz
5230MHz
5270MHz
5310MHz
5550MHz
802.11ax HEW80-BF_Nss1,(MCS0)_2TX
5210MHz
5290MHz
5530MHz

Note:

- ♦ Evaluated HEW20/HEW40/HEW80 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- ♦ 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.



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT 4 + WLAN 2.4GHz (Ant. Set 12)
2	EUT 4 + WLAN 5GHz (Ant. Set 12)
3	EUT 4 + Bluetooth (Ant. Set 12)
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT 4 + Ant. Set 12 Note: Only retest the modes and frequencies which reduced power.

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 X axis, so it was selected to perform test and its test result was written in the report.
1	EUT 4 in X axis + WLAN 2.4GHz (Ant. Set 12) + WLAN 5GHz (Ant. Set 12) + Bluetooth (Ant. Set 12)
Operating Mode > 1GHz	CTX
	After evaluating, and the worst case was found as below. So the measurement will follow this same test configuration.
1	EUT 4 in X axis (bandedge) + Ant. Set 12 / EUT 4 in Z axis (harmonic) + Ant. Set 12



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 X axis, so it was selected to perform test and its test result was written in the report.
1	EUT 4 in X axis-WLAN 2.4GHz + WLAN 5GHz + Ant. Set 12
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	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth
Refer to Sporton Test Report No.: FA132339-09 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

N/A



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB2	DELL	E6430	N/A
B	Fixture	Azurewave	2304NF-i1	N/A
C	NB1	DELL	E6430	N/A
D	Earphone	SHYARO CHI	MIC-04	N/A
E	Mouse	HP	FM100	N/A
F	Fixture	Azurewave	2458-i6	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Test Fixture	Azurewave	2304NF-i1	N/A
C	Test Fixture	Azurewave	2458-i6	N/A
D	AP Router(2.4G)	ASUS	AX88U	N/A
E	AP Router(5G)	ASUS	AX88U	N/A
F	Phone(BT)	PHILIPS	M20	N/A

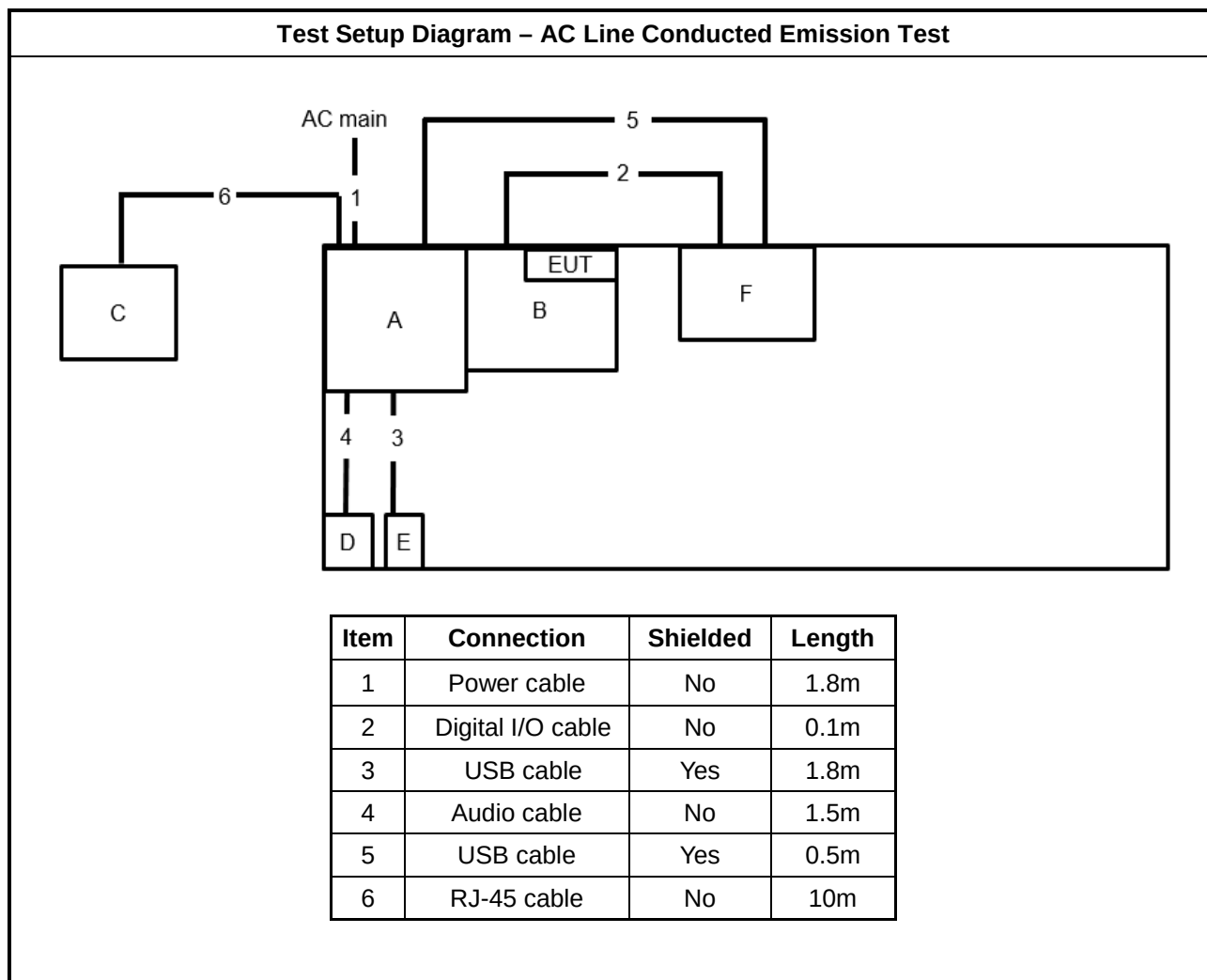
For Radiated (above 1GHz):

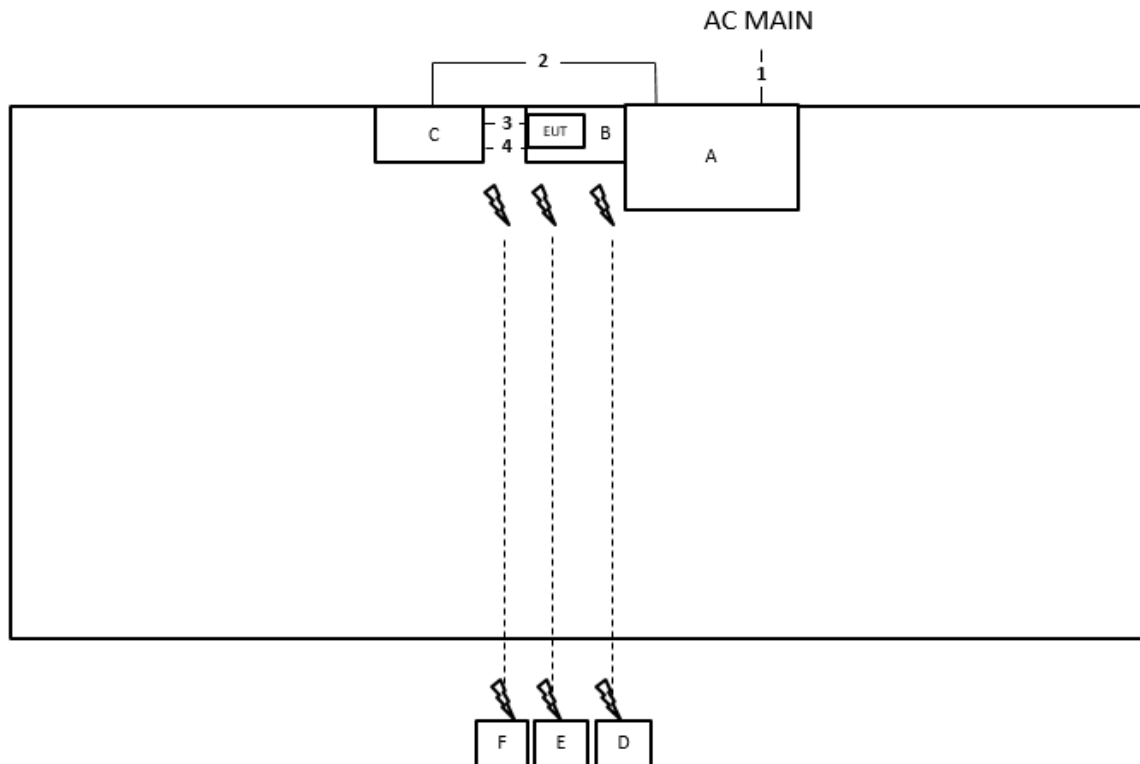
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Test Fixture	Azurewave	2304NF-i1	N/A
C	Test Fixture	Azurewave	2458-i6	N/A

For RF Conducted:

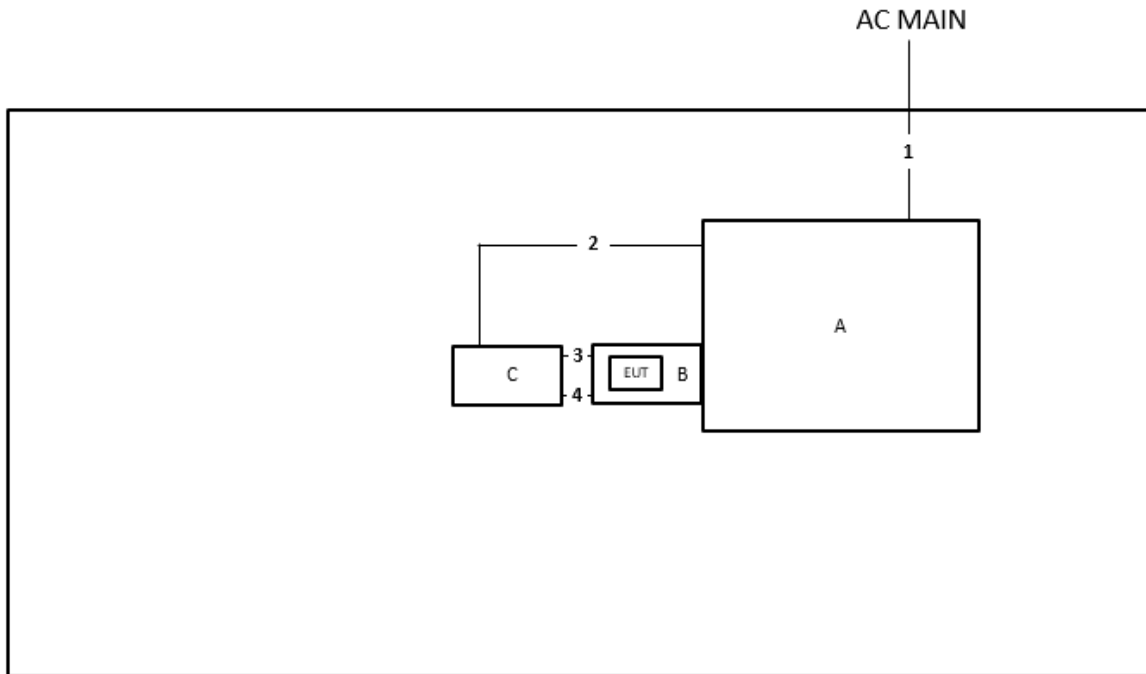
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	Test Fixture	Azurewave	2304NF-i1	N/A
D	Test Fixture	Azurewave	2458-i6	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	USB cable	Yes	1m
3	Console cable	No	0.15m
4	Console cable	No	0.15m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	USB cable	Yes	1.5m
3	Console cable	No	0.15m
4	Console cable	No	0.15m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

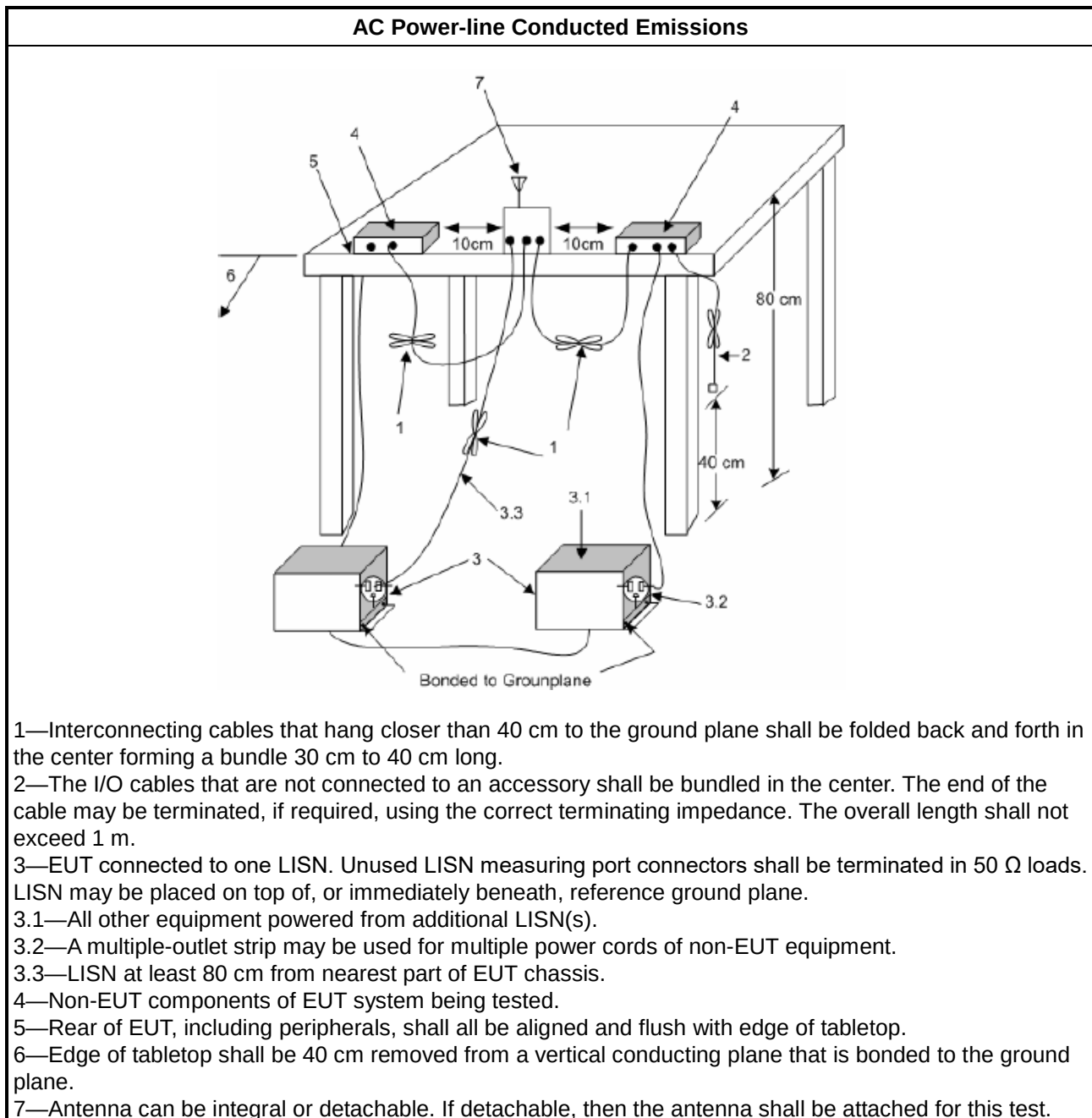
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

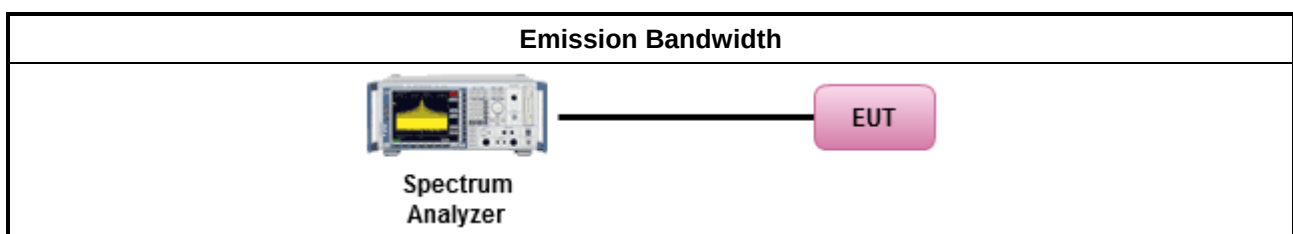
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm] ▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ ▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$. ▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. ▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐ For the 5.15-5.25 GHz band:	
	▪ For other devices: The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. ▪ Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.25-5.35 GHz band:	
	▪ For other devices: The maximum conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz ▪ Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum conducted output power shall not exceed 250 mW or 11 + 10 log 10 B, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.	

☐ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

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 $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.	
☐ For the 5.725-5.85 GHz band:	
	- Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$. - Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.4.2 Measuring Instruments

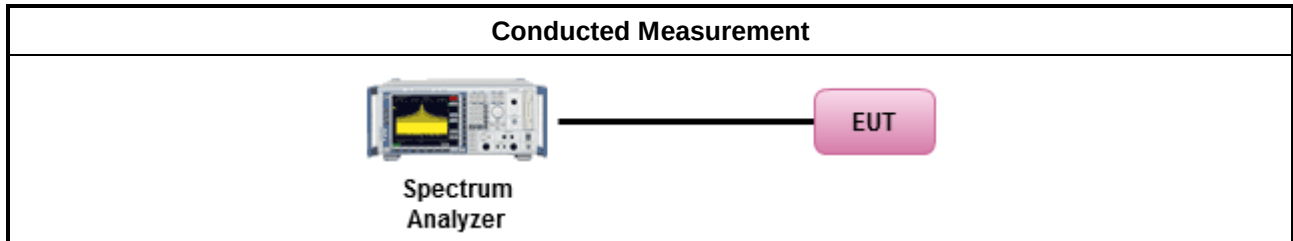
Refer a test equipment and calibration data table in this test report.

**3.4.3 Test Procedures**

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐	Refer as FCC KDB 789033 D02, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth
[duty cycle ≥ 98% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
☒ For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing"	
Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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



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

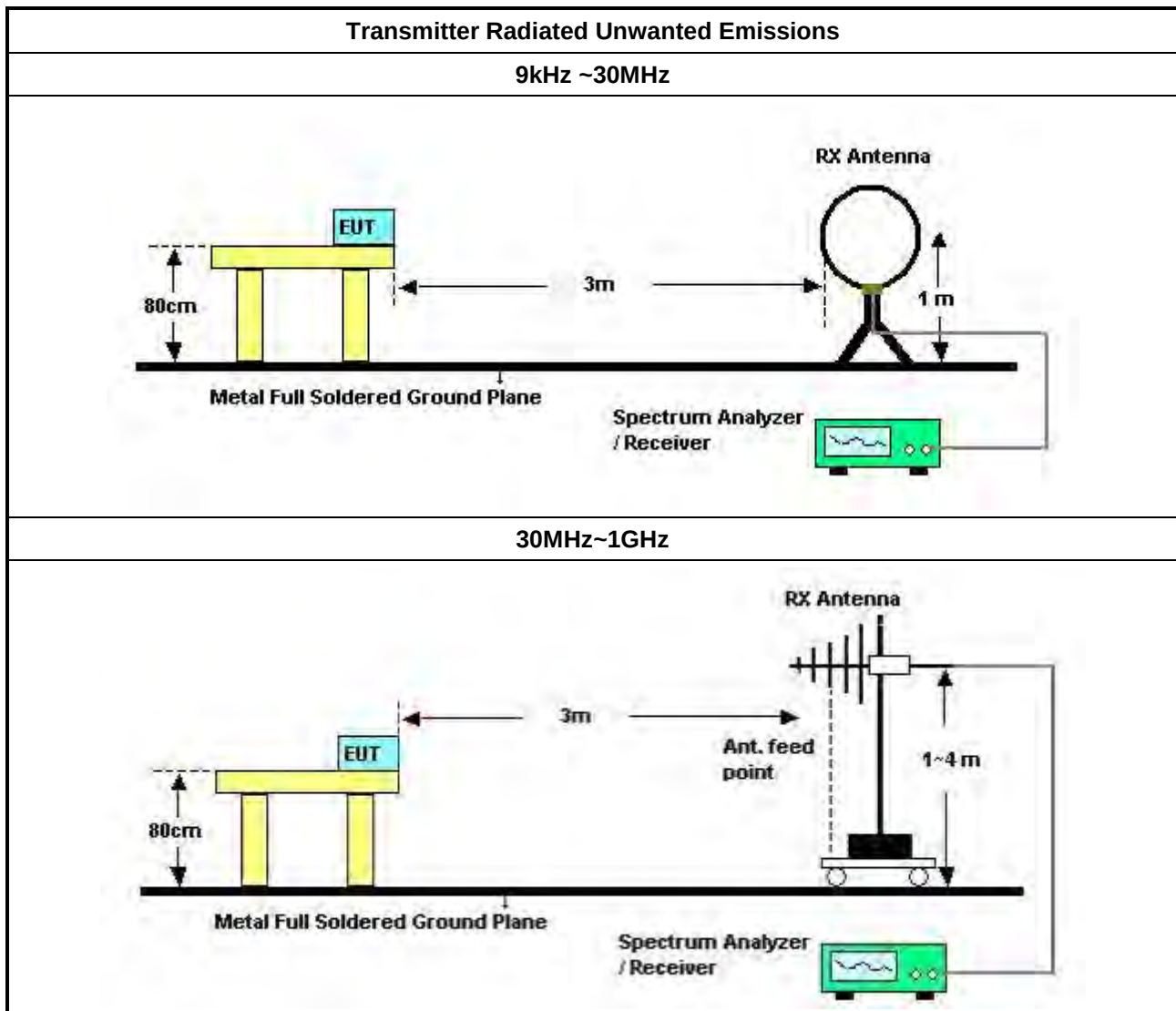
3.5.2 Measuring Instruments

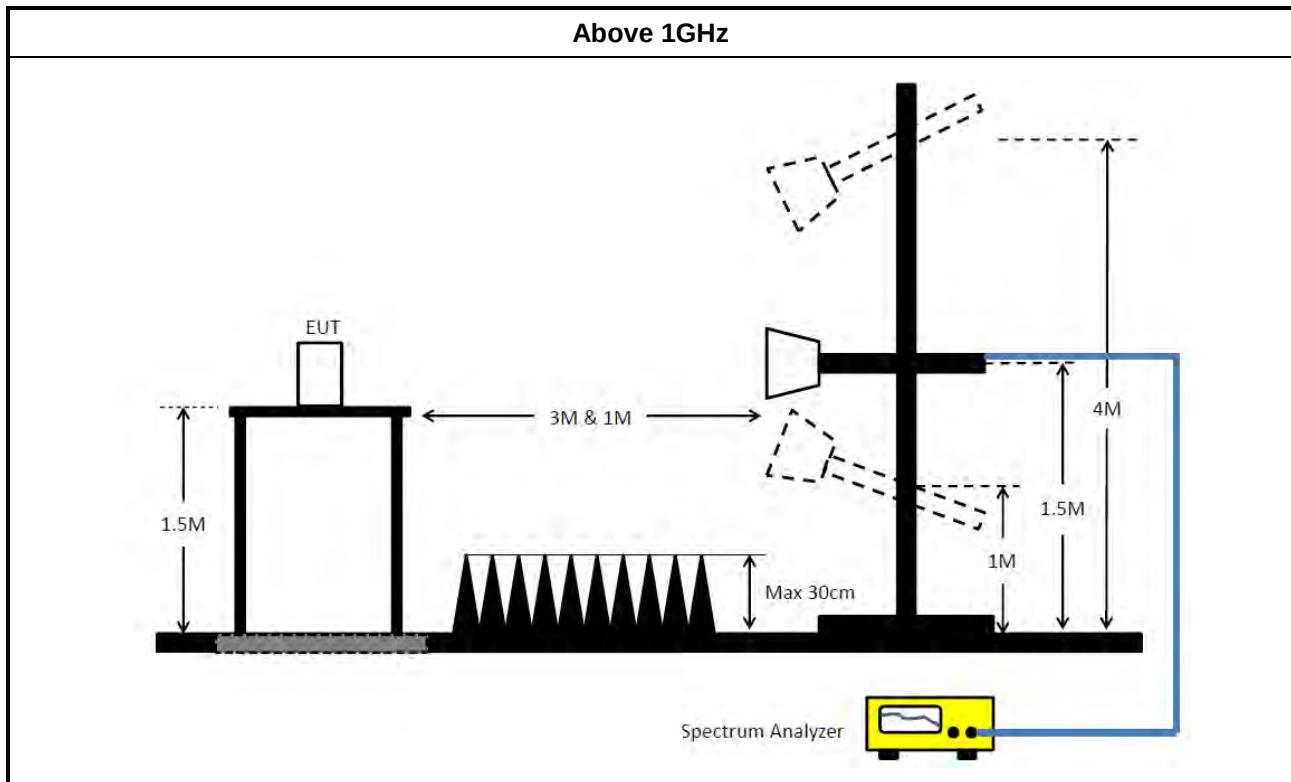
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 18, 2024	Feb. 17, 2025	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 22, 2024	Jun. 21, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 20, 2023	Oct. 19, 2024	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30 MHz ~ 1 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 29, 2023	Sep. 28, 2024	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

N.C.R. means Non-Calibration required.



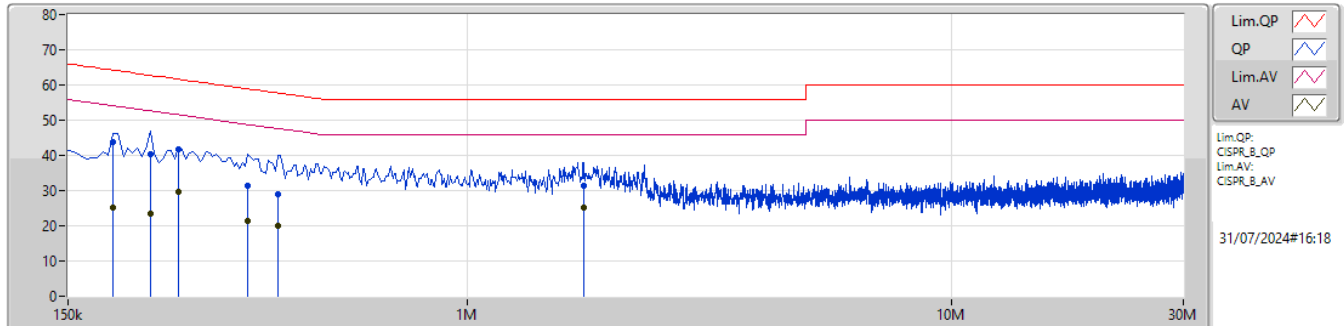
Conducted Emissions at Powerline

Appendix A

Summary

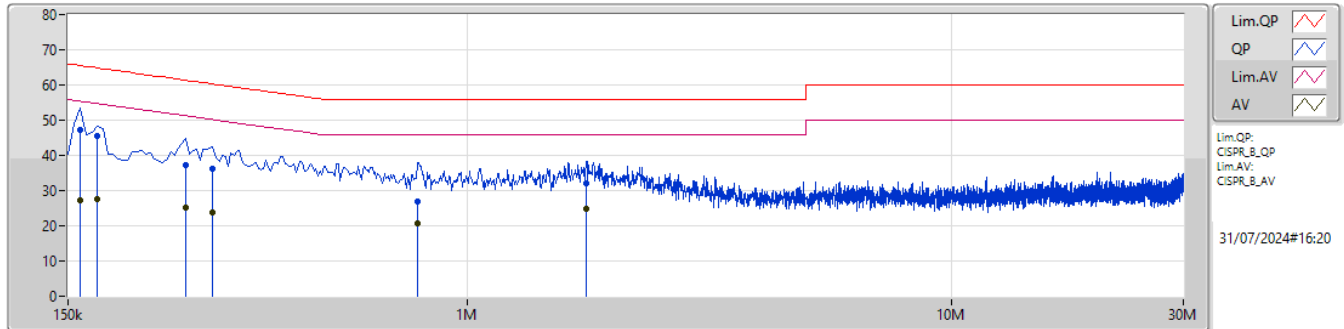
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	159k	47.31	65.52	-18.21	Neutral

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	186k	43.95	64.20	-20.25	9.92	Line	-	34.03	0.05	0.02	9.85						
AV	186k	25.23	54.20	-28.97	9.92	Line	-	15.31	0.05	0.02	9.85						
QP	222k	40.26	62.75	-22.49	9.93	Line	-	30.33	0.05	0.02	9.86						
AV	222k	23.36	52.75	-29.39	9.93	Line	-	13.43	0.05	0.02	9.86						
QP	253.5k	41.82	61.64	-19.82	9.93	Line	"Worst"	31.89	0.05	0.02	9.86						
AV	253.5k	29.55	51.64	-22.09	9.93	Line	-	19.62	0.05	0.02	9.86						
QP	352.5k	31.38	58.91	-27.53	9.95	Line	-	21.43	0.05	0.02	9.88						
AV	352.5k	21.28	48.91	-27.63	9.95	Line	-	11.33	0.05	0.02	9.88						
QP	406.5k	29.06	57.72	-28.66	9.96	Line	-	19.10	0.05	0.02	9.89						
AV	406.5k	20.02	47.72	-27.70	9.96	Line	-	10.06	0.05	0.02	9.89						
QP	1.734M	31.26	56.00	-24.74	10.04	Line	-	21.22	0.09	0.06	9.89						
AV	1.734M	25.09	46.00	-20.91	10.04	Line	-	15.05	0.09	0.06	9.89						

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	159k	47.31	65.52	-18.21	9.93	Neutral	"Worst"	37.38	0.05	0.02	9.86						
AV	159k	27.11	55.52	-28.41	9.93	Neutral	-	17.18	0.05	0.02	9.86						
QP	172.5k	45.56	64.83	-19.27	9.93	Neutral	-	35.63	0.05	0.02	9.86						
AV	172.5k	27.67	54.83	-27.16	9.93	Neutral	-	17.74	0.05	0.02	9.86						
QP	262.5k	37.26	61.35	-24.09	9.94	Neutral	-	27.32	0.05	0.02	9.87						
AV	262.5k	25.11	51.35	-26.24	9.94	Neutral	-	15.17	0.05	0.02	9.87						
QP	298.5k	36.10	60.28	-24.18	9.94	Neutral	-	26.16	0.05	0.02	9.87						
AV	298.5k	23.73	50.28	-26.55	9.94	Neutral	-	13.79	0.05	0.02	9.87						
QP	789k	26.95	56.00	-29.05	9.97	Neutral	-	16.98	0.06	0.01	9.90						
AV	789k	20.77	46.00	-25.23	9.97	Neutral	-	10.80	0.06	0.01	9.90						
QP	1.761M	32.20	56.00	-23.80	10.03	Neutral	-	22.17	0.08	0.06	9.89						
AV	1.761M	24.94	46.00	-21.06	10.03	Neutral	-	14.91	0.08	0.06	9.89						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	20.185M	18.814M	18M8D1D	20.075M	18.728M
802.11ax HEW40_Nss1,(MCS0)_2TX	47.63M	37.643M	37M6D1D	39.82M	37.464M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.52M	77.793M	77M8D1D	80.52M	77.44M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.12M	16.574M	16M6D1D	18.7M	16.541M
802.11ax HEW20_Nss1,(MCS0)_2TX	20.13M	18.765M	18M8D1D	19.965M	18.718M
802.11ax HEW40_Nss1,(MCS0)_2TX	60.39M	37.773M	37M8D1D	39.71M	37.417M
802.11ax HEW80_Nss1,(MCS0)_2TX	80.52M	77.661M	77M7D1D	80.3M	77.646M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	39.82M	37.632M	37M6D1D	39.38M	37.603M
802.11ax HEW80_Nss1,(MCS0)_2TX	147.4M	78.051M	78M1D1D	80.74M	77.569M

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

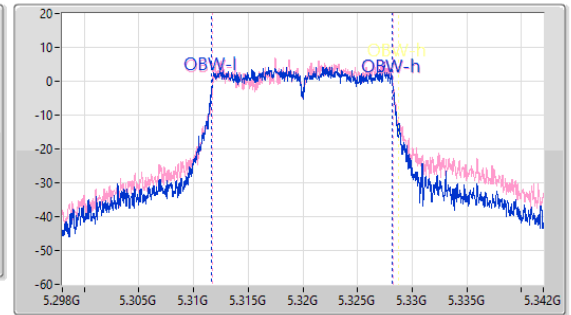
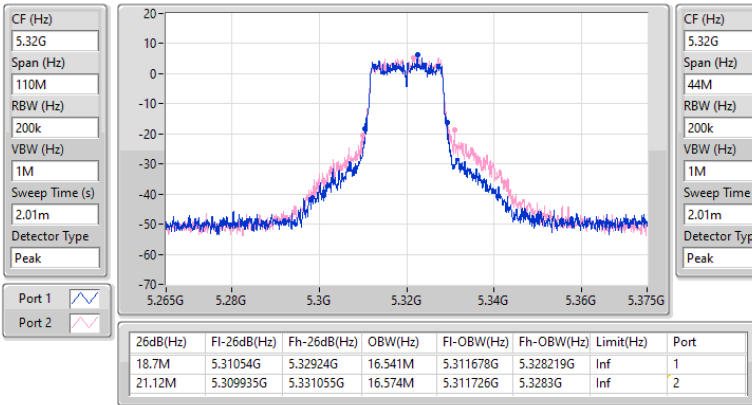
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5320MHz	Pass	Inf	18.7M	16.541M	21.12M	16.574M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.075M	18.814M	20.185M	18.728M
5320MHz	Pass	Inf	20.13M	18.718M	19.965M	18.765M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.7M	37.464M	39.82M	37.493M
5230MHz	Pass	Inf	40.92M	37.643M	47.63M	37.617M
5270MHz	Pass	Inf	58.52M	37.733M	60.39M	37.773M
5310MHz	Pass	Inf	40.04M	37.417M	39.71M	37.537M
5550MHz	Pass	Inf	39.82M	37.603M	39.38M	37.632M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	80.52M	77.44M	80.52M	77.793M
5290MHz	Pass	Inf	80.52M	77.646M	80.3M	77.661M
5530MHz	Pass	Inf	80.74M	77.569M	147.4M	78.051M

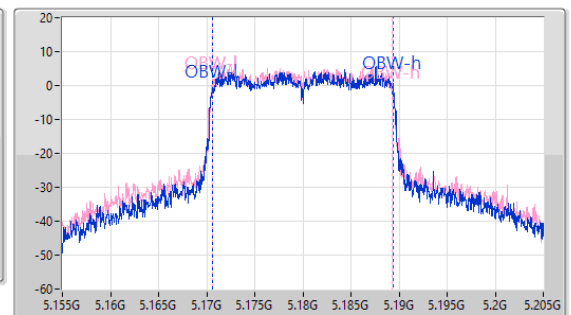
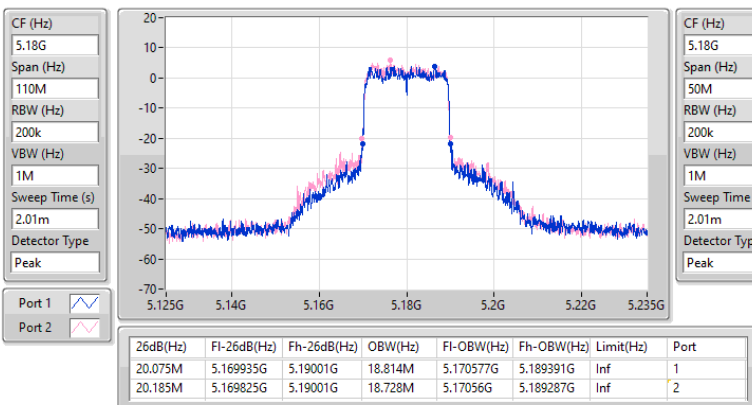
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

22/07/2024

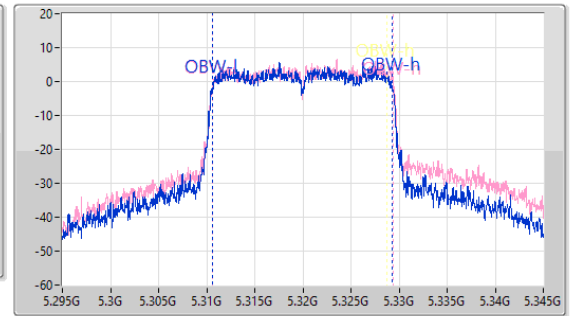
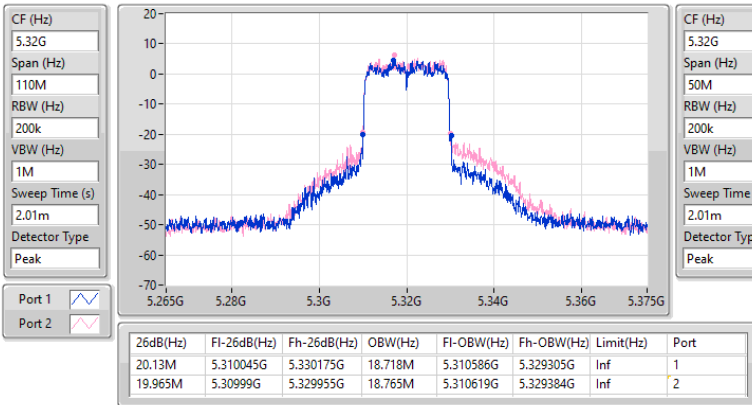

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX
EBW
5180MHz

22/07/2024

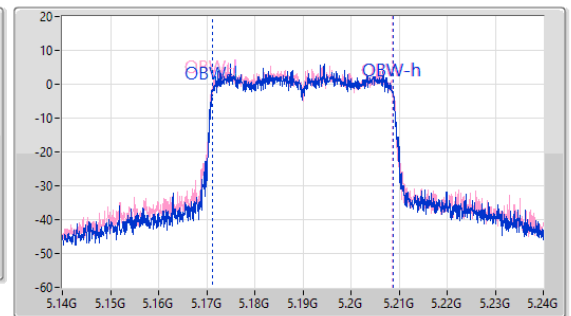
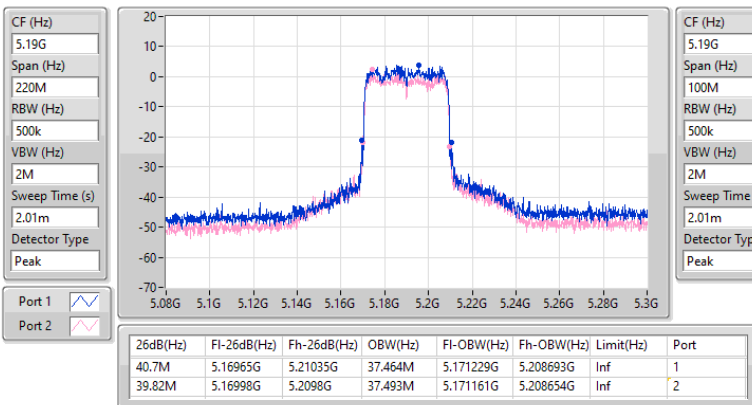


5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5320MHz

22/07/2024

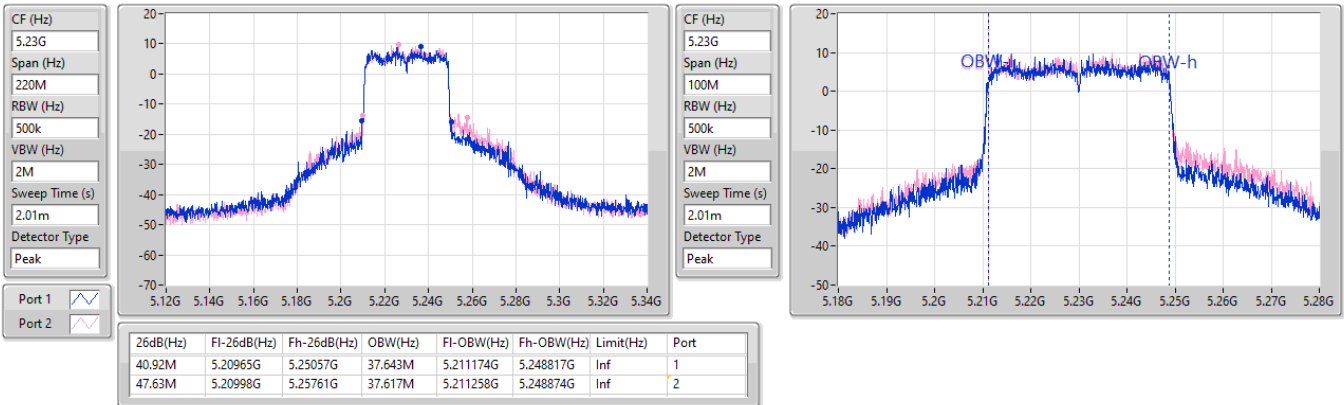

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5190MHz

22/07/2024

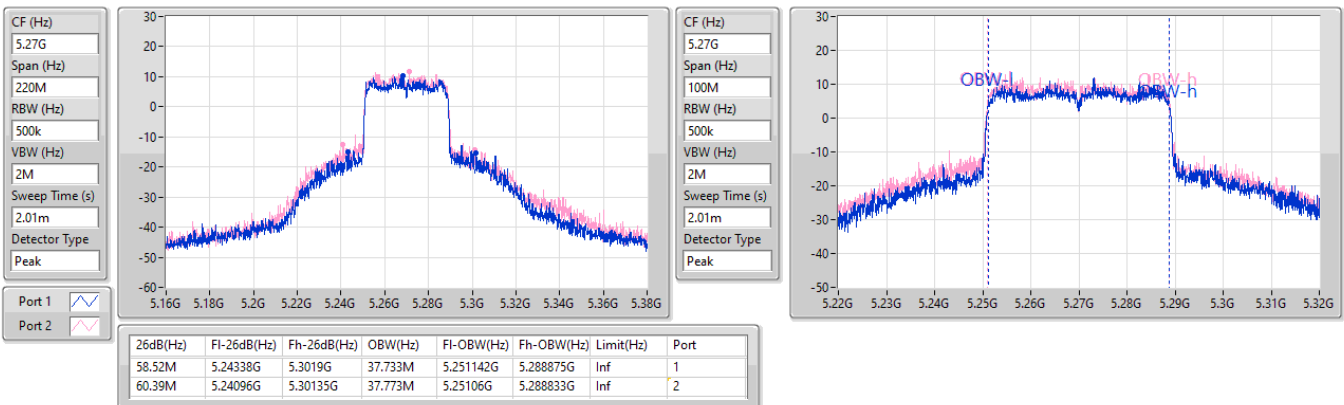


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5230MHz

22/07/2024

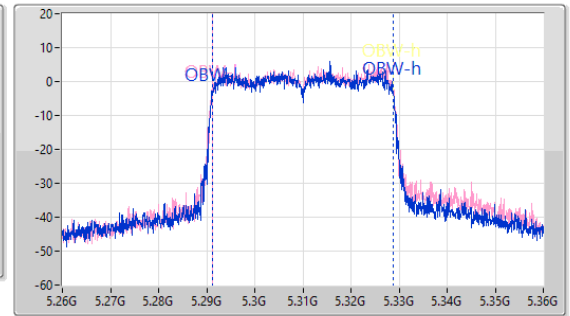
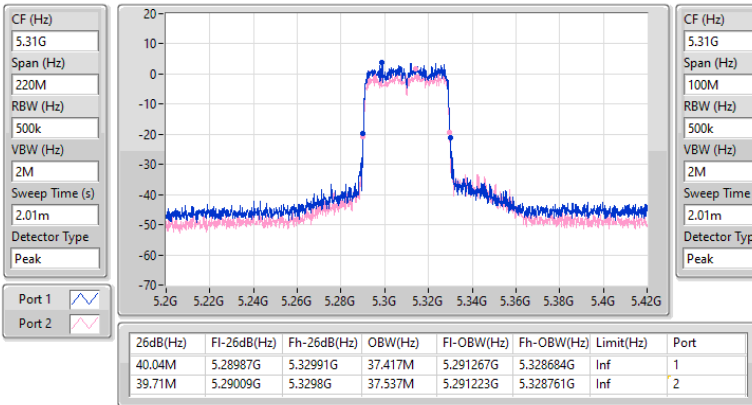

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5270MHz

22/07/2024

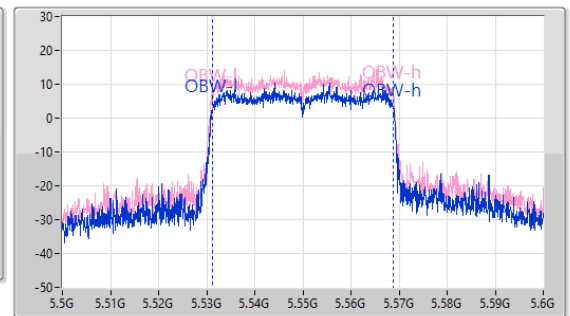
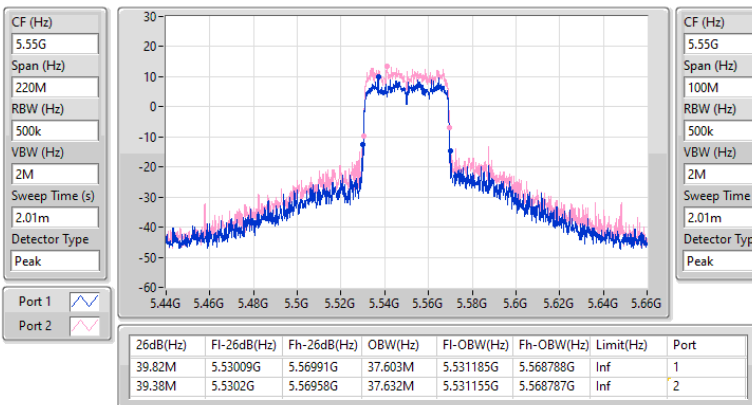


5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5310MHz

22/07/2024

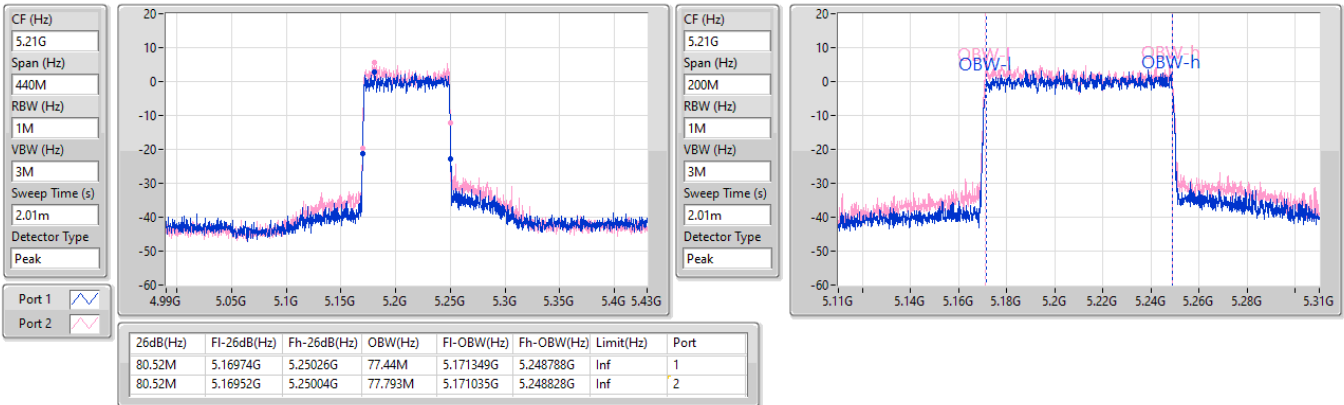

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5550MHz

22/07/2024

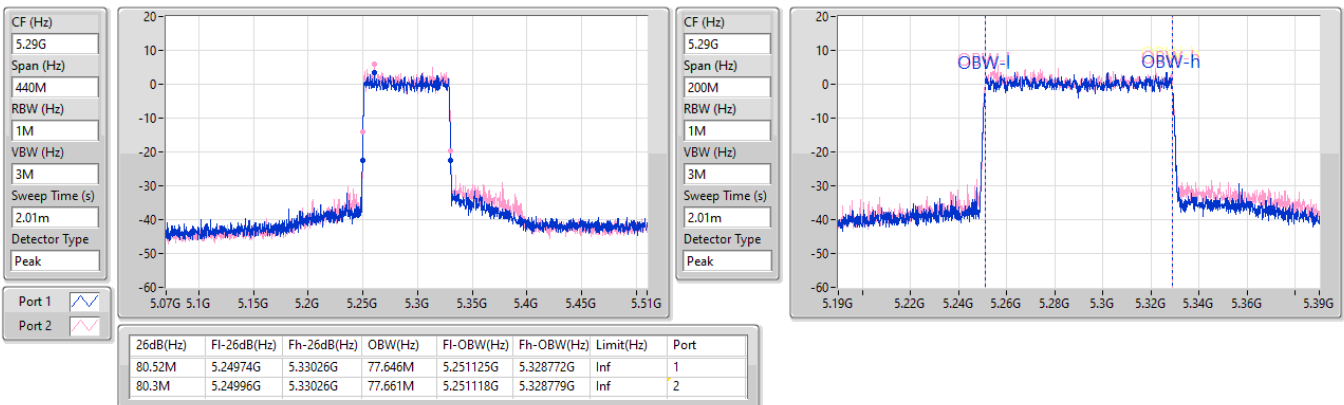


5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

22/07/2024


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5290MHz

22/07/2024

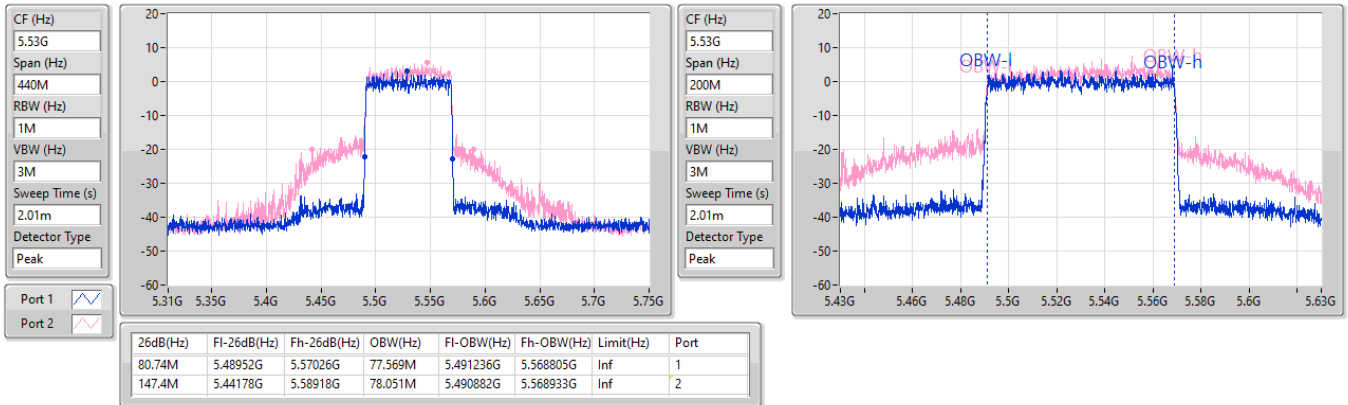


5.47-5.725GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

EBW

5530MHz

22/07/2024



Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	18.23	0.06653
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.23	0.06653
802.11ax HEW40_Nss1,(MCS0)_2TX	20.60	0.11482
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.60	0.11482
802.11ax HEW80_Nss1,(MCS0)_2TX	14.56	0.02858
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	14.56	0.02858
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.67	0.07362
802.11ax HEW20_Nss1,(MCS0)_2TX	18.43	0.06966
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.43	0.06966
802.11ax HEW40_Nss1,(MCS0)_2TX	22.40	0.17378
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.40	0.17378
802.11ax HEW80_Nss1,(MCS0)_2TX	14.93	0.03112
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	14.93	0.03112
5.47-5.725GHz	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	21.24	0.13305
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.24	0.13305
802.11ax HEW80_Nss1,(MCS0)_2TX	14.76	0.02992
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	14.76	0.02992

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5320MHz	Pass	2.17	15.15	16.11	18.67	23.72
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	2.17	14.90	15.52	18.23	23.98
5320MHz	Pass	2.17	15.03	15.78	18.43	23.98
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	2.17	12.40	13.10	15.77	23.98
5230MHz	Pass	2.17	17.14	18.00	20.60	23.98
5270MHz	Pass	2.17	18.73	19.97	22.40	23.98
5310MHz	Pass	2.17	11.58	12.74	15.21	23.98
5550MHz	Pass	2.17	17.35	18.96	21.24	23.98
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	2.17	11.21	11.86	14.56	23.98
5290MHz	Pass	2.17	11.42	12.36	14.93	23.98
5530MHz	Pass	2.17	10.83	12.50	14.76	23.98
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.18	14.90	15.52	18.23	23.98
5320MHz	Pass	5.18	15.03	15.78	18.43	23.98
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.18	12.40	13.10	15.77	23.98
5230MHz	Pass	5.18	17.14	18.00	20.60	23.98
5270MHz	Pass	5.18	18.73	19.97	22.40	23.98
5310MHz	Pass	5.18	11.58	12.74	15.21	23.98
5550MHz	Pass	5.18	17.35	18.96	21.24	23.98
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.18	11.21	11.86	14.56	23.98
5290MHz	Pass	5.18	11.42	12.36	14.93	23.98
5530MHz	Pass	5.18	10.83	12.50	14.76	23.98

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss1,(MCS0)_2TX	5.90
802.11ax HEW40_Nss1,(MCS0)_2TX	5.36
802.11ax HEW80_Nss1,(MCS0)_2TX	-3.84
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.78
802.11ax HEW20_Nss1,(MCS0)_2TX	6.21
802.11ax HEW40_Nss1,(MCS0)_2TX	7.02
802.11ax HEW80_Nss1,(MCS0)_2TX	-3.30
5.47-5.725GHz	-
802.11ax HEW40_Nss1,(MCS0)_2TX	8.08
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.68

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5320MHz	Pass	5.18	3.42	4.11	6.78	11.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.18	2.39	3.36	5.90	11.00
5320MHz	Pass	5.18	2.87	3.55	6.21	11.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.18	-2.70	-2.49	0.21	11.00
5230MHz	Pass	5.18	1.98	2.94	5.36	11.00
5270MHz	Pass	5.18	3.48	5.05	7.02	11.00
5310MHz	Pass	5.18	-3.23	-2.25	-0.10	11.00
5550MHz	Pass	5.18	2.45	6.73	8.08	11.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.18	-7.34	-6.21	-3.84	11.00
5290MHz	Pass	5.18	-6.96	-5.64	-3.30	11.00
5530MHz	Pass	5.18	-7.38	-4.47	-2.68	11.00

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

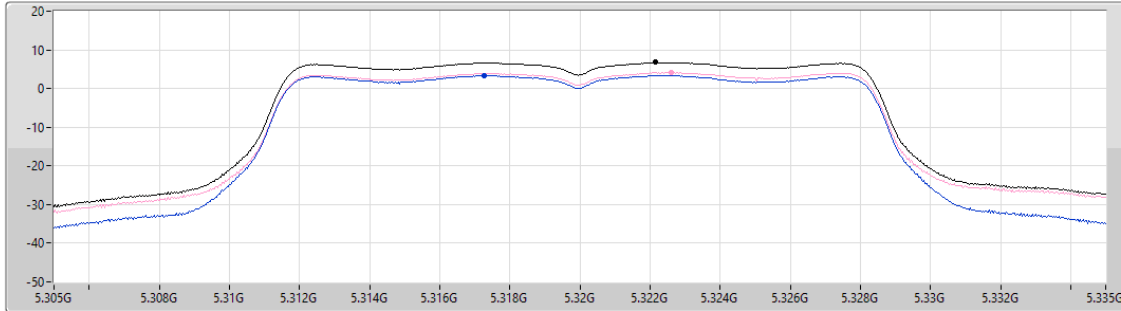
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

22/07/2024

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
17.107
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.78	6.78	3.42	4.11

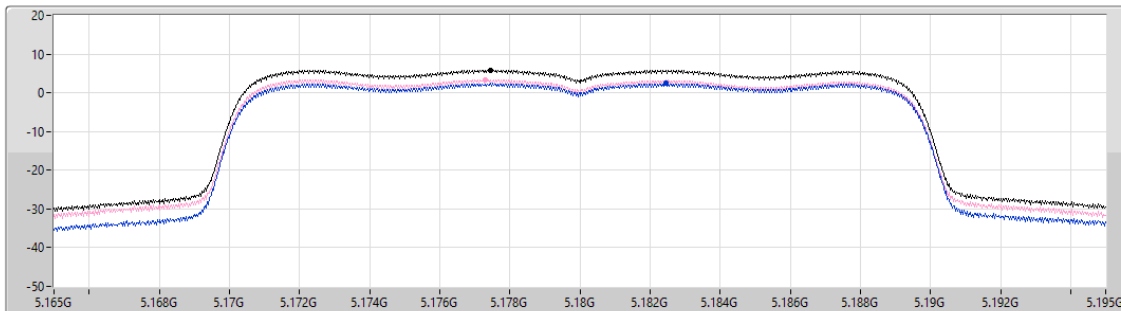
5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

22/07/2024

CF (Hz)
5.18G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
41.849
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.90	5.90	2.39	3.36

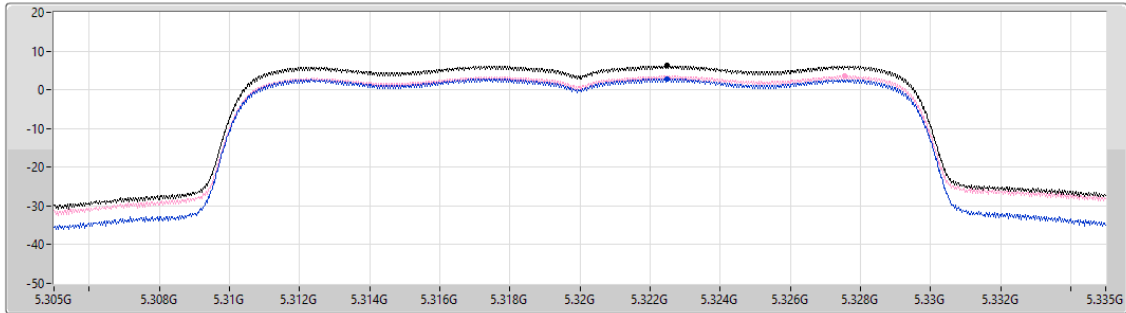
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

22/07/2024

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
41.849
Detector Type
RMS



Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
6.21	6.21	2.87	3.55

Sum
Port 1
Port 2

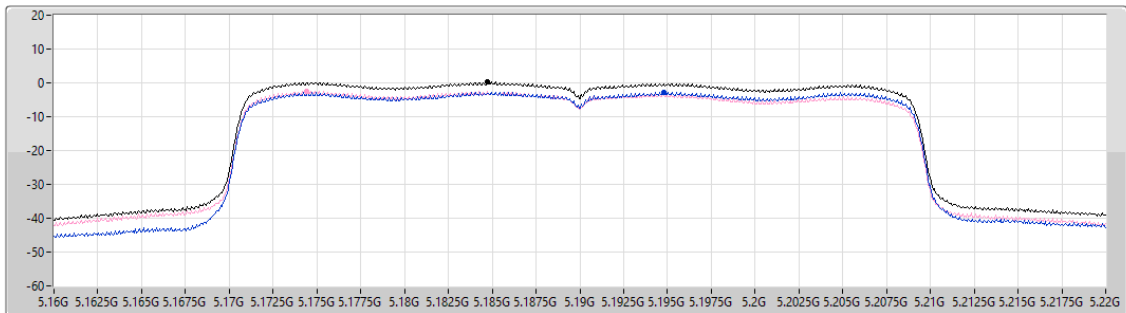
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

22/07/2024

CF (Hz)
5.19G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
22.299
Detector Type
RMS



Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
0.21	0.21	-2.70	-2.49

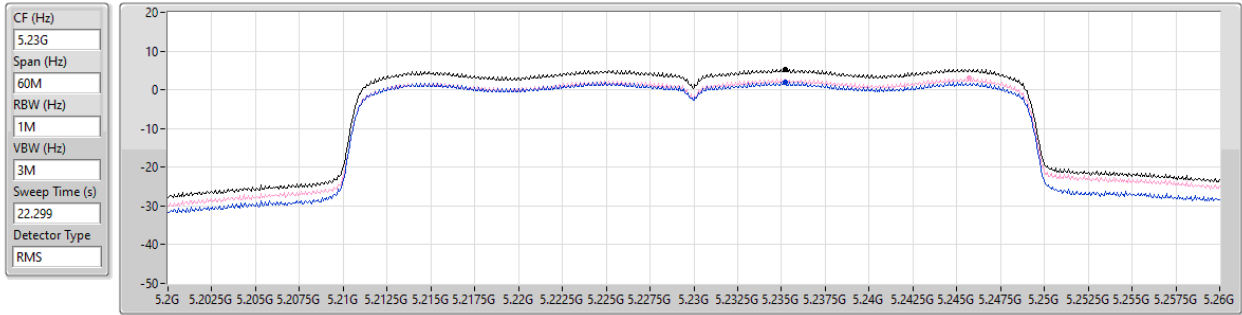
Sum
Port 1
Port 2

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

22/07/2024



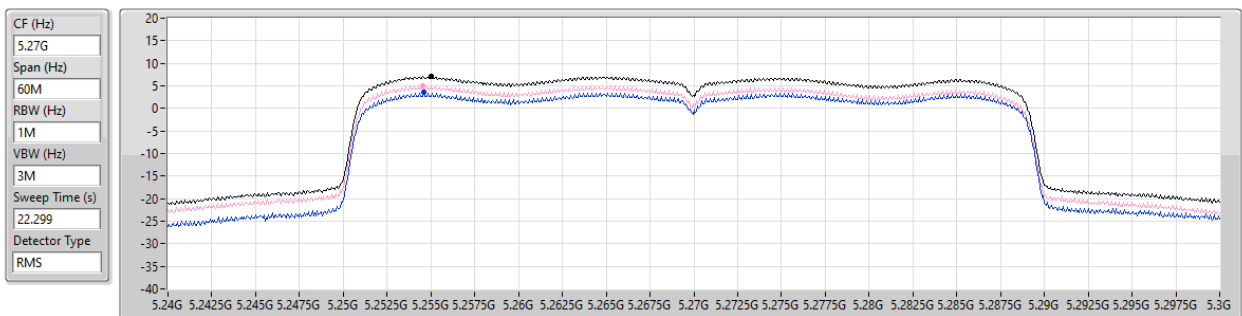
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.36	5.36	1.98	2.94

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

22/07/2024



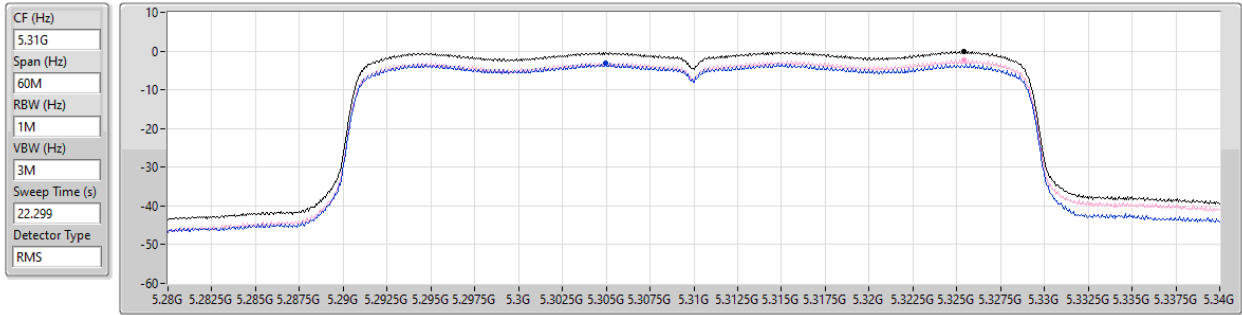
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.02	7.02	3.48	5.05

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

22/07/2024



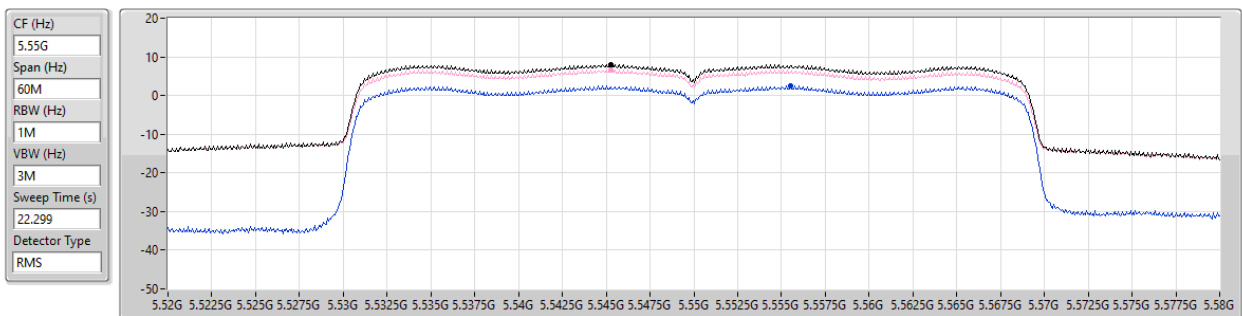
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.10	-0.10	-3.23	-2.25

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

22/07/2024



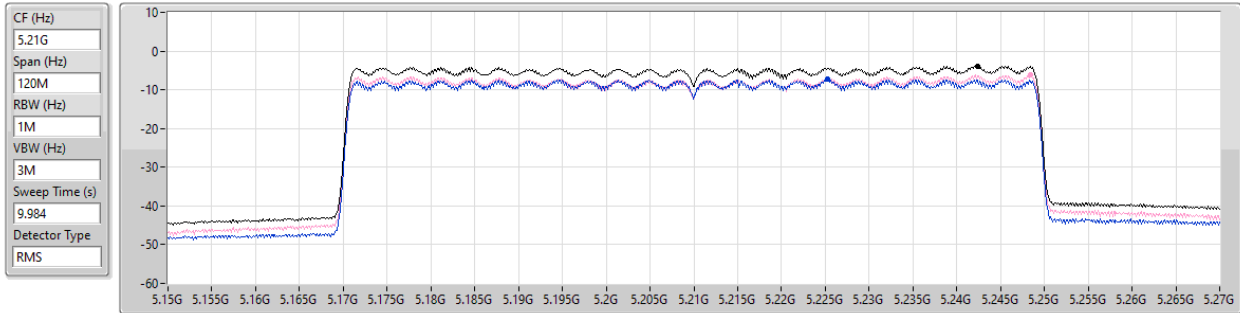
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	2.45	6.73

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

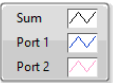
PSD

5210MHz

22/07/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.84	-3.84	-7.34	-6.21

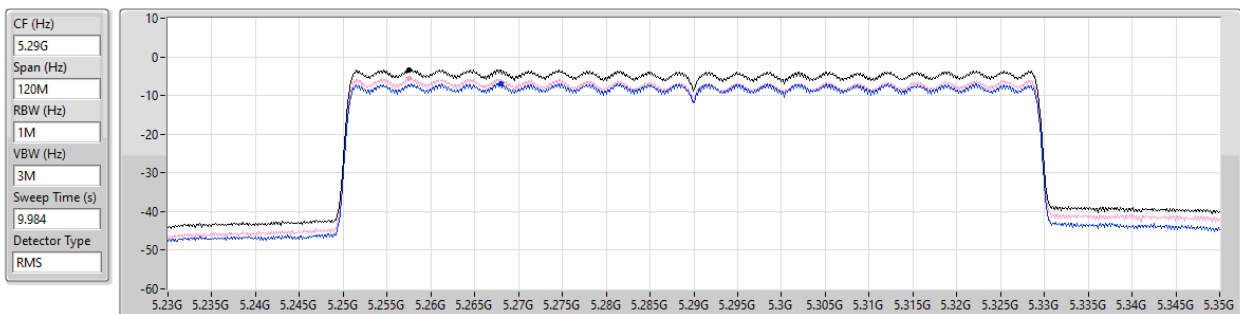


5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

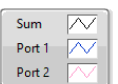
PSD

5290MHz

22/07/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.30	-3.30	-6.96	-5.64

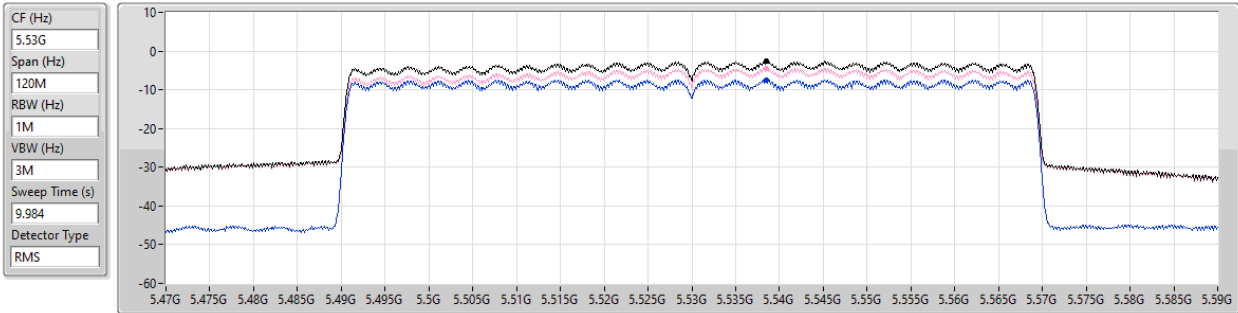


5.47-5.725GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

22/07/2024



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.68	-2.68	-7.38	-4.47



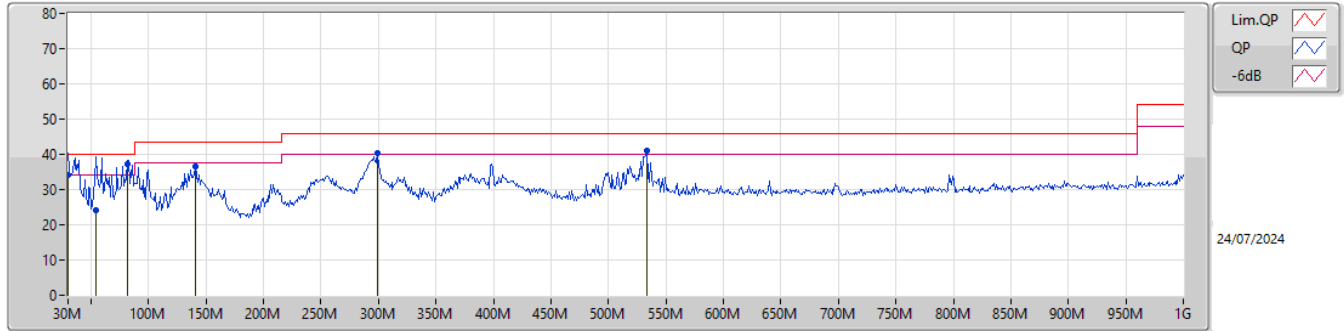
Radiated Emissions below 1GHz

Appendix E.1

Summary

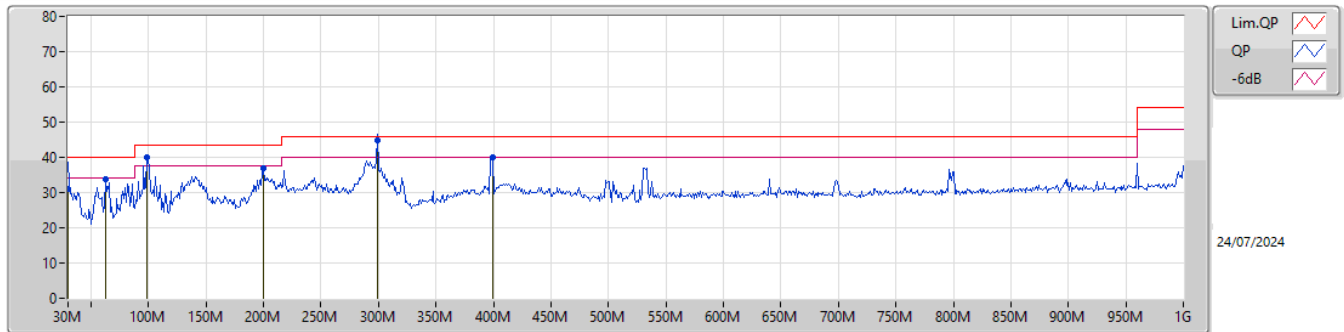
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	299.66M	44.99	46.00	-1.01	Horizontal

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	30M	34.24	40.00	-5.76	-19.71	3	Vertical	360	1.00	-	53.95	24.06	0.68	44.45		
QP	54.25M	24.18	40.00	-15.82	-31.23	3	Vertical	242	3.00	-	55.41	12.80	0.86	44.89		
QP	81.41M	37.28	40.00	-2.72	-30.86	3	Vertical	324	1.00	"Worst"	68.14	12.56	1.01	44.43		
PK	140.58M	36.38	43.50	-7.12	-27.01	3	Vertical	189	1.00	-	63.39	16.39	1.32	44.72		
PK	298.69M	40.37	46.00	-5.63	-24.33	3	Vertical	298	2.00	-	64.70	18.19	1.98	44.50		
PK	533.43M	41.12	46.00	-4.88	-18.58	3	Vertical	2	1.25	-	59.70	22.98	2.50	44.06		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	30M	30.92	40.00	-9.08	-19.71	3	Horizontal	95	1.00	-	50.63	24.06	0.68	44.45		
PK	62.98M	33.83	40.00	-6.17	-31.80	3	Horizontal	189	1.00	-	65.63	12.05	0.93	44.78		
QP	98.87M	39.96	43.50	-3.54	-27.69	3	Horizontal	189	2.00	-	67.65	15.82	1.13	44.64		
PK	199.75M	36.79	43.50	-6.71	-28.77	3	Horizontal	182	1.25	-	65.56	14.34	1.58	44.69		
QP	299.66M	44.99	46.00	-1.01	-24.32	3	Horizontal	163	1.00	"Worst"	69.31	18.20	1.99	44.51		
PK	399.57M	39.83	46.00	-6.17	-21.10	3	Horizontal	298	1.00	-	60.93	20.74	2.22	44.06		

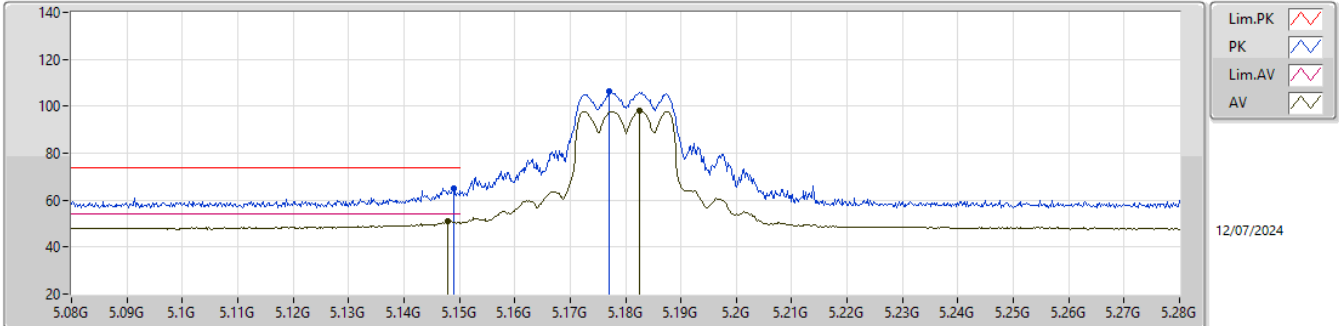


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.3508G	52.99	54.00	-1.01	3	Horizontal	30	2.16	-

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

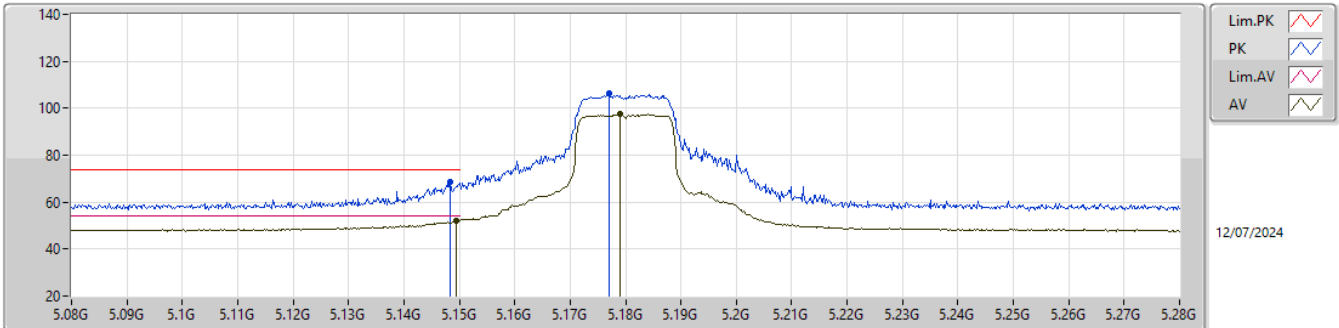


EUT_X_2TX
Setting 18.5
01-I-P-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.149G	64.95	74.00	-9.05	58.15	3	Vertical	84	3.00	-	32.10	7.24	32.54			
AV	5.148G	50.99	54.00	-3.01	44.20	3	Vertical	84	3.00	-	32.09	7.24	32.54			
PK	5.177G	106.19	Inf	-Inf	99.53	3	Vertical	84	3.00	-	31.94	7.26	32.54			
AV	5.1826G	97.94	Inf	-Inf	91.31	3	Vertical	84	3.00	-	31.90	7.27	32.54			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

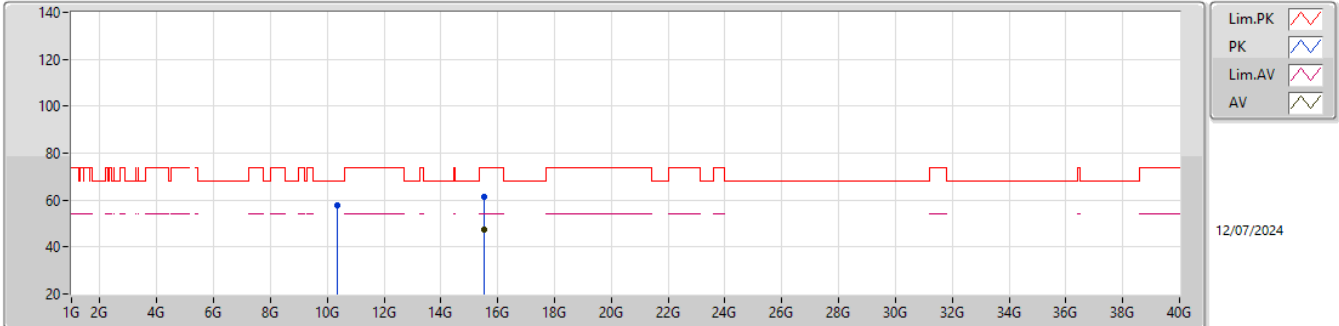


EUT_X_2TX
Setting 18.5
01-I-P-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1484G	68.37	74.00	-5.63	61.58	3	Horizontal	41	2.04	-	32.09	7.24	32.54			
AV	5.1494G	52.22	54.00	-1.78	45.42	3	Horizontal	41	2.04	-	32.10	7.24	32.54			
PK	5.177G	106.19	Inf	-Inf	99.53	3	Horizontal	41	2.04	-	31.94	7.26	32.54			
AV	5.179G	97.40	Inf	-Inf	90.75	3	Horizontal	41	2.04	-	31.93	7.26	32.54			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

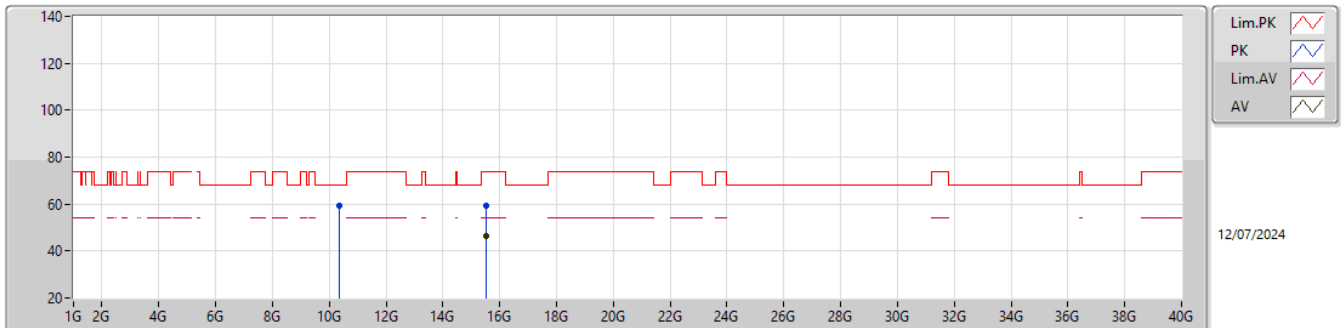


EUT_Z_2TX
Setting 18.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.35331G	57.96	68.20	-10.24	42.21	3	Vertical	220	1.02	-	38.99	10.35	33.59			
PK	15.53757G	61.20	74.00	-12.80	44.00	3	Vertical	216	2.91	-	38.45	12.28	33.53			
AV	15.54174G	47.63	54.00	-6.37	30.45	3	Vertical	216	2.91	-	38.43	12.28	33.53			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

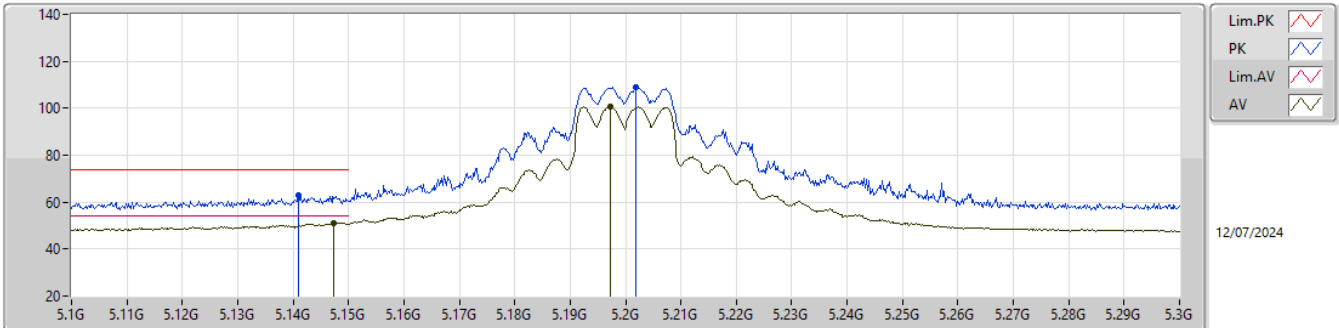


EUT Z_2TX
Setting 18.5
05-R-G-5

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	10.35667G	59.11	68.20	-9.09	43.37	3	Horizontal	132	2.64	-	38.99	10.35	33.60			
PK	15.52752G	59.38	74.00	-14.62	42.17	3	Horizontal	109	1.80	-	38.49	12.27	33.55			
AV	15.54393G	46.35	54.00	-7.65	29.17	3	Horizontal	109	1.80	-	38.42	12.28	33.52			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

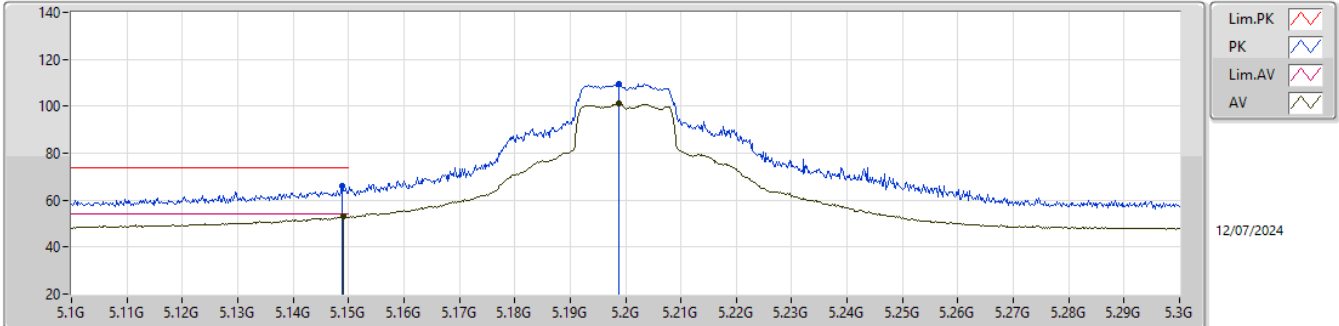


EUT_X_2TX
Setting 22.5
01-I-P-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.141G	62.96	74.00	-11.04	56.22	3	Vertical	84	3.00	-	32.06	7.23	32.55			
AV	5.1474G	51.15	54.00	-2.85	44.36	3	Vertical	84	3.00	-	32.09	7.24	32.54			
PK	5.2018G	108.93	Inf	-Inf	102.39	3	Vertical	84	3.00	-	31.79	7.28	32.53			
AV	5.1972G	100.62	Inf	-Inf	94.05	3	Vertical	84	3.00	-	31.82	7.28	32.53			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

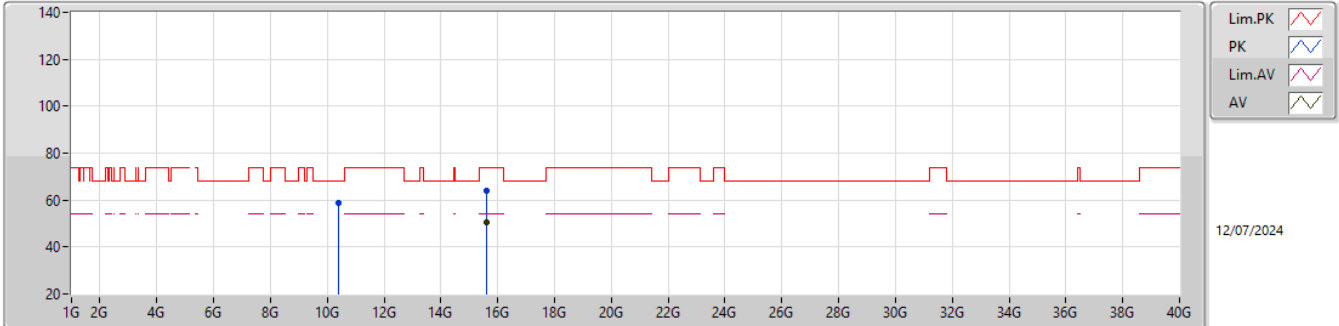


EUT_X_2TX
Setting 22.5
01-I-P-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1488G	66.29	74.00	-7.71	59.49	3	Horizontal	39	2.00	-	32.10	7.24	32.54			
AV	5.149G	52.89	54.00	-1.11	46.09	3	Horizontal	39	2.00	-	32.10	7.24	32.54			
PK	5.1988G	109.61	Inf	-Inf	103.05	3	Horizontal	39	2.00	-	31.81	7.28	32.53			
AV	5.1988G	100.95	Inf	-Inf	94.39	3	Horizontal	39	2.00	-	31.81	7.28	32.53			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

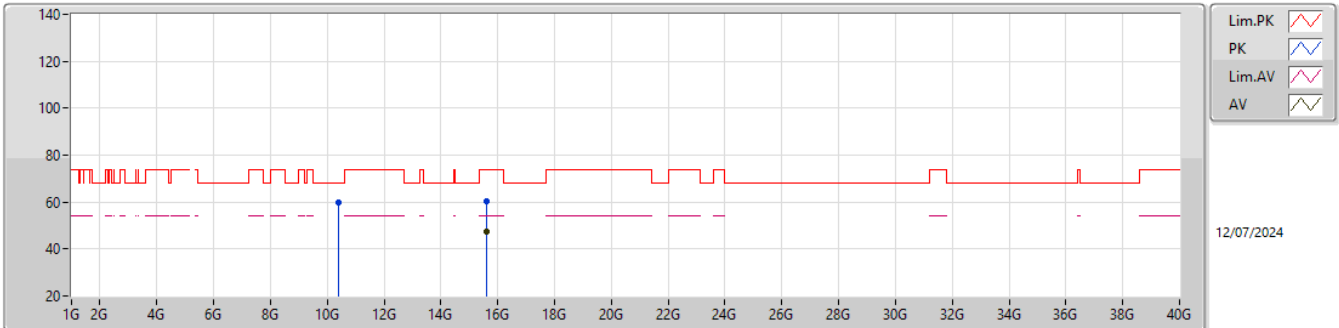


EUT_Z_2TX
Setting 22.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.40813G	58.89	68.20	-9.31	43.31	3	Vertical	280	2.49	-	38.90	10.37	33.69			
PK	15.59583G	64.18	74.00	-9.82	47.11	3	Vertical	222	3.00	-	38.22	12.29	33.44			
AV	15.5964G	50.54	54.00	-3.46	33.48	3	Vertical	222	3.00	-	38.21	12.29	33.44			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

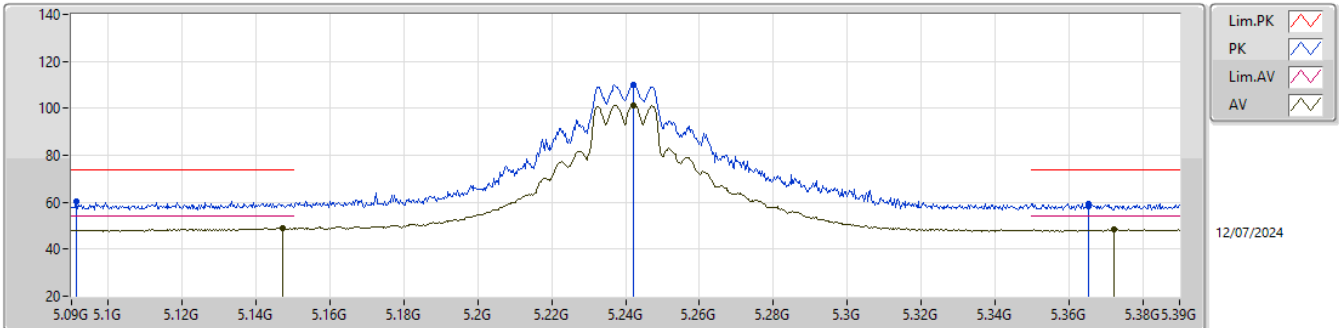


EUT_Z_2TX
Setting 22.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.39646G	59.76	68.20	-8.44	44.16	3	Horizontal	130	2.73	-	38.91	10.36	33.67			
PK	15.5973G	60.58	74.00	-13.42	43.51	3	Horizontal	146	3.00	-	38.21	12.30	33.44			
AV	15.59739G	47.60	54.00	-6.40	30.53	3	Horizontal	146	3.00	-	38.21	12.30	33.44			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

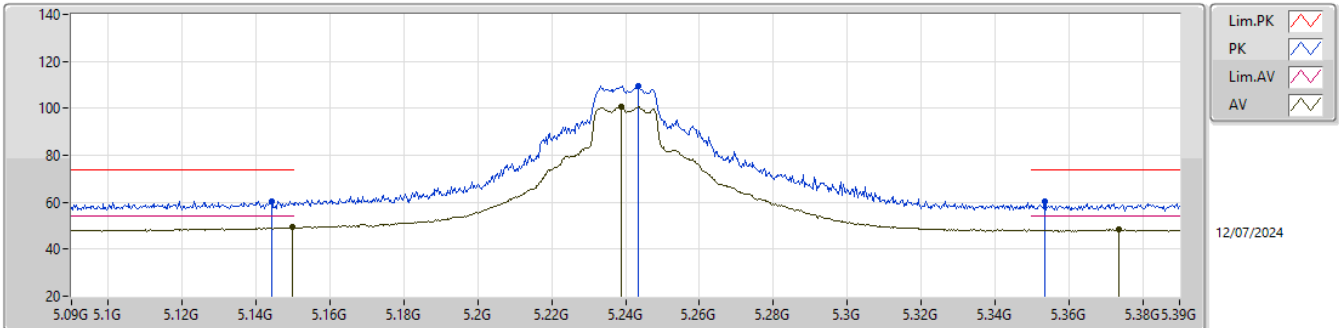


EUT_X_2TX
Setting 24
01-I-P-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.0912G	60.35	74.00	-13.65	53.87	3	Vertical	84	2.94	-	31.85	7.19	32.56			
AV	5.1473G	49.01	54.00	-4.99	42.22	3	Vertical	84	2.94	-	32.09	7.24	32.54			
PK	5.2421G	109.84	Inf	-Inf	103.60	3	Vertical	84	2.94	-	31.46	7.30	32.52			
AV	5.2421G	101.38	Inf	-Inf	95.14	3	Vertical	84	2.94	-	31.46	7.30	32.52			
PK	5.3654G	59.41	74.00	-14.59	53.12	3	Vertical	84	2.94	-	31.43	7.35	32.49			
AV	5.3723G	48.42	54.00	-5.58	42.11	3	Vertical	84	2.94	-	31.44	7.36	32.49			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

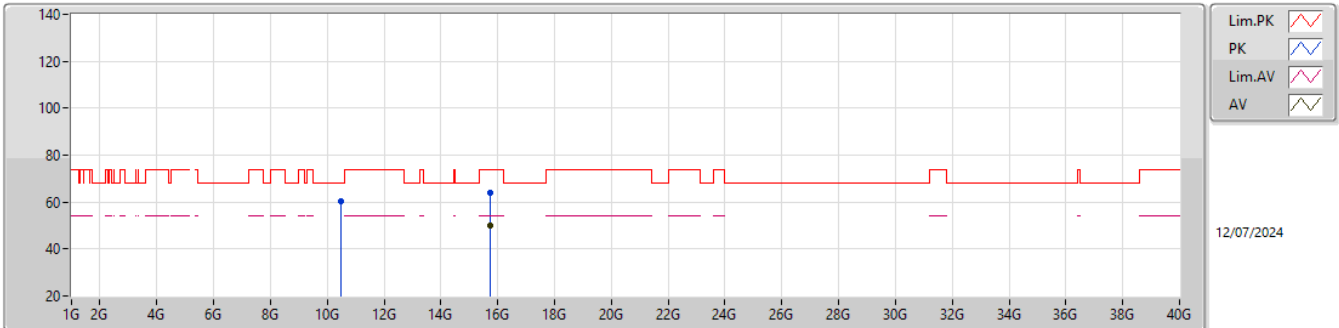


EUT_X_2TX
Setting 24
01-I-P-5-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1443G	60.54	74.00	-13.46	53.78	3	Horizontal	32	2.18	-	32.08	7.23	32.55			
AV	5.1497G	49.24	54.00	-4.76	42.44	3	Horizontal	32	2.18	-	32.10	7.24	32.54			
PK	5.2436G	109.60	Inf	-Inf	103.37	3	Horizontal	32	2.18	-	31.45	7.30	32.52			
AV	5.2388G	100.62	Inf	-Inf	94.35	3	Horizontal	32	2.18	-	31.49	7.30	32.52			
PK	5.3534G	60.41	74.00	-13.59	54.15	3	Horizontal	32	2.18	-	31.41	7.35	32.50			
AV	5.3735G	48.43	54.00	-5.57	42.11	3	Horizontal	32	2.18	-	31.45	7.36	32.49			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

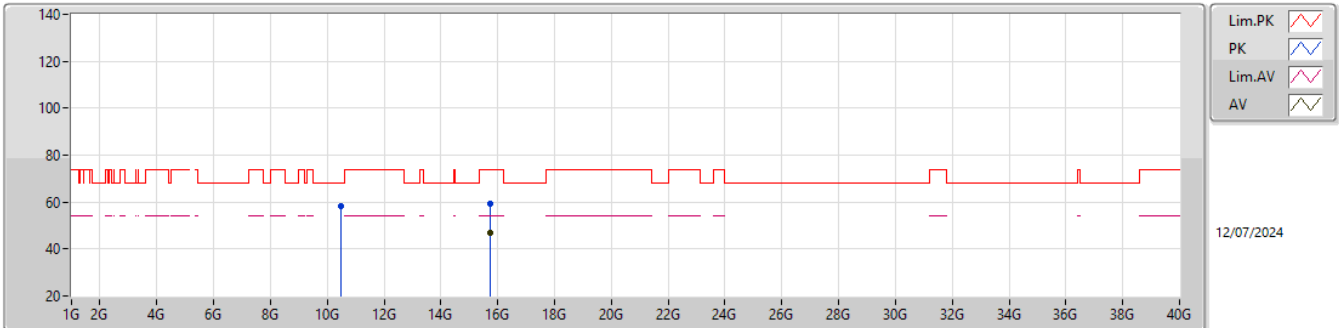


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.47724G	60.16	68.20	-8.04	44.72	3	Vertical	276	2.26	-	38.85	10.40	33.81			
PK	15.72498G	64.05	74.00	-9.95	46.81	3	Vertical	221	2.96	-	38.15	12.34	33.25			
AV	15.71919G	49.91	54.00	-4.09	32.69	3	Vertical	221	2.96	-	38.14	12.34	33.26			

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

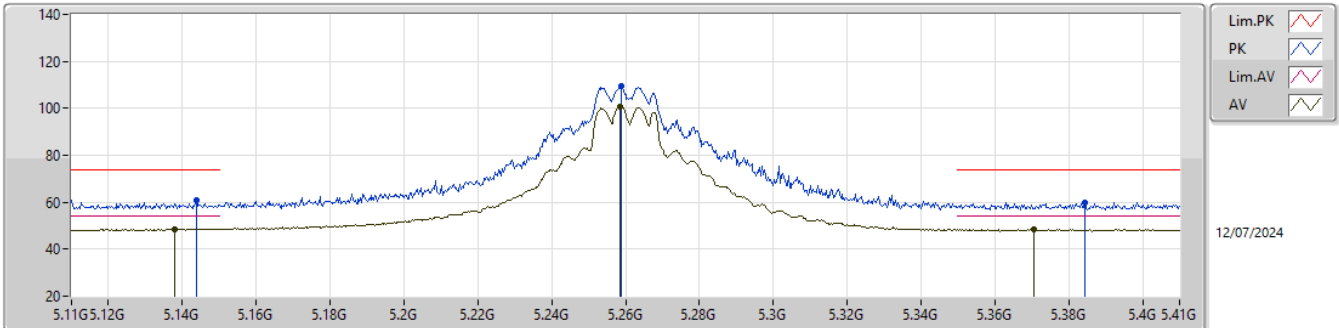


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.48156G	58.17	68.20	-10.03	42.75	3	Horizontal	134	1.80	-	38.84	10.40	33.82			
PK	15.73458G	59.40	74.00	-14.60	42.12	3	Horizontal	330	1.80	-	38.17	12.34	33.23			
AV	15.73413G	46.86	54.00	-7.14	29.58	3	Horizontal	330	1.80	-	38.17	12.34	33.23			

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

5260MHz_TX

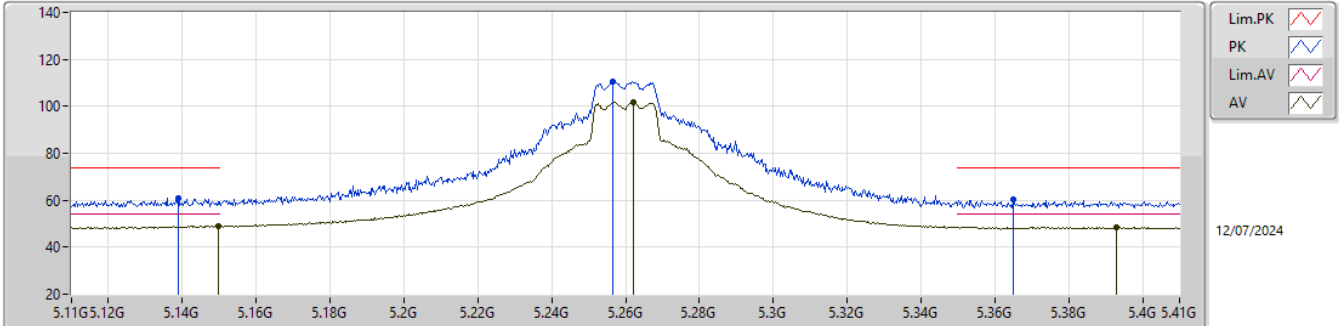


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1439G	60.85	74.00	-13.15	54.09	3	Vertical	83	2.20	-	32.08	7.23	32.55			
AV	5.1379G	48.65	54.00	-5.35	41.92	3	Vertical	83	2.20	-	32.05	7.23	32.55			
PK	5.2588G	109.47	Inf	-Inf	103.30	3	Vertical	83	2.20	-	31.38	7.31	32.52			
AV	5.2585G	100.61	Inf	-Inf	94.44	3	Vertical	83	2.20	-	31.38	7.31	32.52			
PK	5.3845G	59.92	74.00	-14.08	53.58	3	Vertical	83	2.20	-	31.47	7.36	32.49			
AV	5.3707G	48.41	54.00	-5.59	42.10	3	Vertical	83	2.20	-	31.44	7.36	32.49			

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

5260MHz_TX

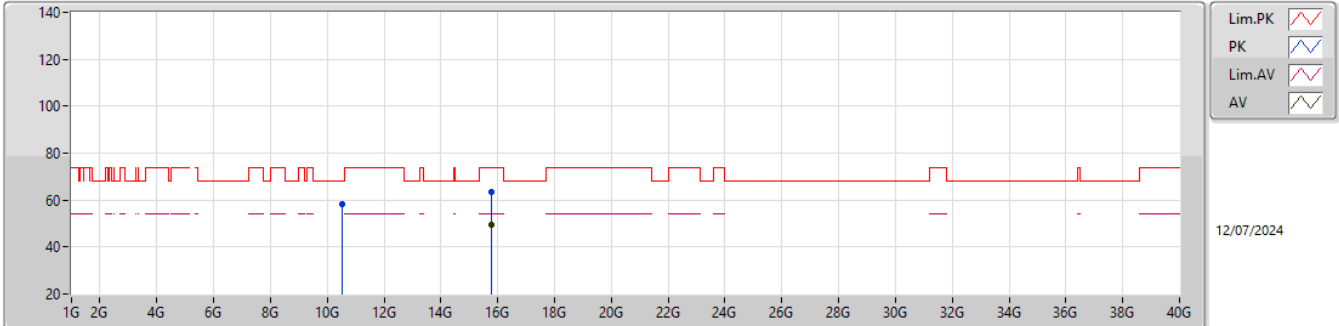


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1388G	60.83	74.00	-13.17	54.09	3	Horizontal	32	2.16	-	32.06	7.23	32.55			
AV	5.1499G	49.04	54.00	-4.96	42.24	3	Horizontal	32	2.16	-	32.10	7.24	32.54			
PK	5.2567G	110.54	Inf	-Inf	104.36	3	Horizontal	32	2.16	-	31.39	7.31	32.52			
AV	5.2621G	101.78	Inf	-Inf	95.61	3	Horizontal	32	2.16	-	31.38	7.31	32.52			
PK	5.365G	60.31	74.00	-13.69	54.02	3	Horizontal	32	2.16	-	31.43	7.35	32.49			
AV	5.3929G	48.55	54.00	-5.45	42.18	3	Horizontal	32	2.16	-	31.49	7.37	32.49			

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

5260MHz_TX

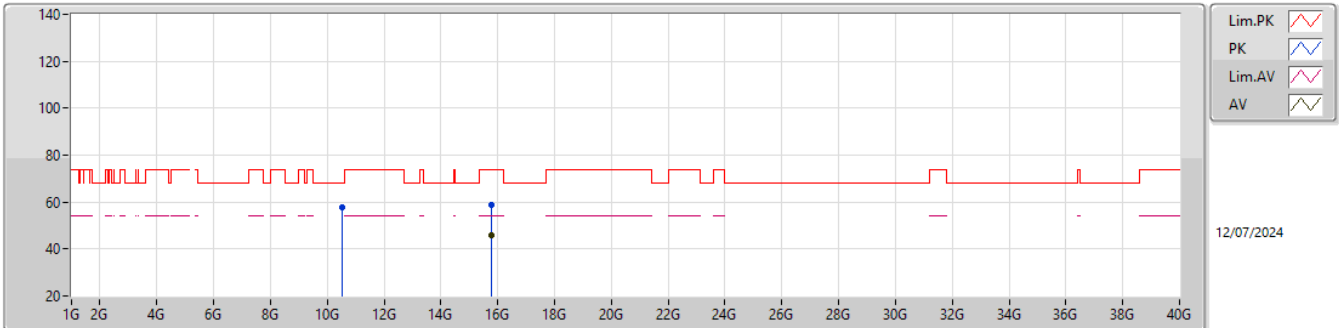


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.51952G	58.40	68.20	-9.80	42.97	3	Vertical	3	2.76	-	38.84	10.42	33.83			
PK	15.77724G	63.19	74.00	-10.81	45.96	3	Vertical	222	3.00	-	38.04	12.36	33.17			
AV	15.77658G	49.32	54.00	-4.68	32.09	3	Vertical	222	3.00	-	38.04	12.36	33.17			

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

5260MHz_TX

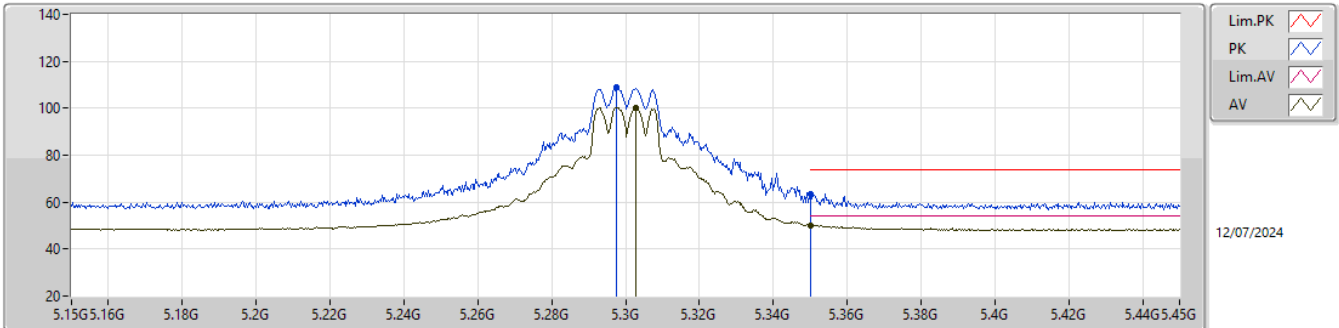


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.51529G	57.68	68.20	-10.52	42.27	3	Horizontal	21	2.93	-	38.83	10.42	33.84			
PK	15.76926G	58.66	74.00	-15.34	41.41	3	Horizontal	56	2.42	-	38.08	12.35	33.18			
AV	15.76857G	45.95	54.00	-8.05	28.69	3	Horizontal	56	2.42	-	38.09	12.35	33.18			

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

5300MHz_TX

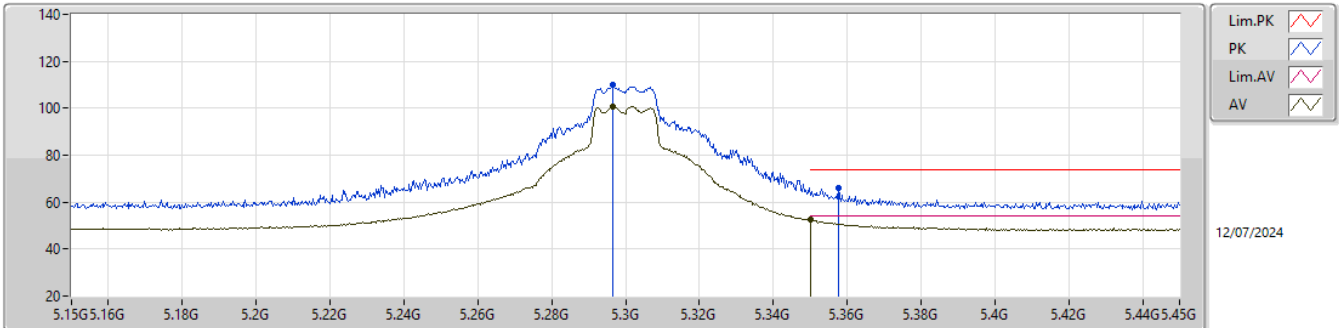


EUT_X_2TX
Setting 23
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.2976G	108.80	Inf	-Inf	102.69	3	Vertical	101	1.00	-	31.30	7.32	32.51			
AV	5.3027G	100.42	Inf	-Inf	94.29	3	Vertical	101	1.00	-	31.31	7.33	32.51			
PK	5.35G	63.23	74.00	-10.77	56.98	3	Vertical	101	1.00	-	31.40	7.35	32.50			
AV	5.35G	50.11	54.00	-3.89	43.86	3	Vertical	101	1.00	-	31.40	7.35	32.50			

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

5300MHz_TX

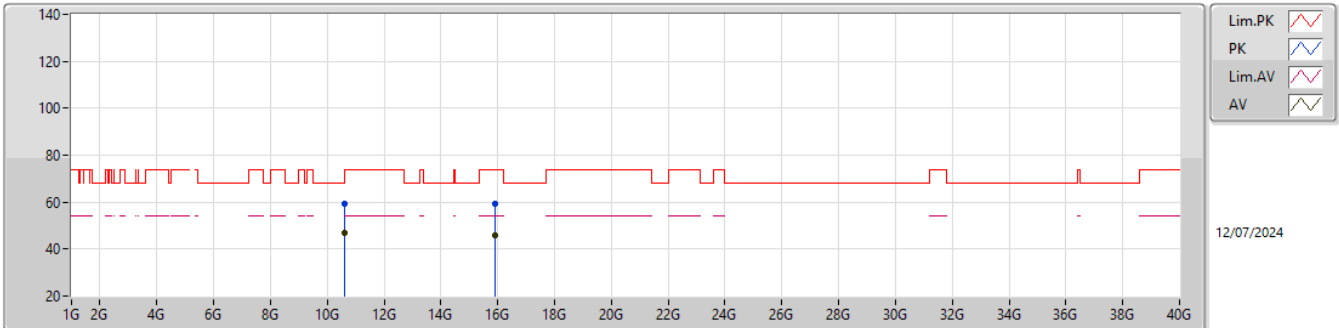


EUT_X_2TX
Setting 23
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.2967G	109.93	Inf	-Inf	103.81	3	Horizontal	30	2.10	-	31.31	7.32	32.51			
AV	5.2964G	100.71	Inf	-Inf	94.59	3	Horizontal	30	2.10	-	31.31	7.32	32.51			
PK	5.3576G	65.86	74.00	-8.14	59.58	3	Horizontal	30	2.10	-	31.42	7.35	32.49			
AV	5.35G	52.35	54.00	-1.65	46.10	3	Horizontal	30	2.10	-	31.40	7.35	32.50			

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

5300MHz_TX

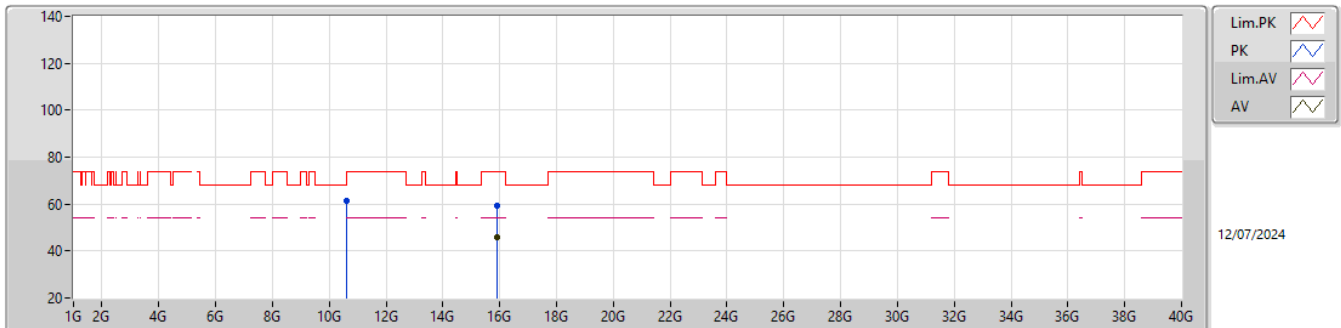


EUT_Z_2TX
Setting 23
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.59751G	59.28	68.20	-8.92	43.41	3	Vertical	0	2.36	-	39.19	10.45	33.77			
AV	10.60156G	46.74	54.00	-7.26	30.85	3	Vertical	0	2.36	-	39.21	10.45	33.77			
PK	15.89433G	59.17	74.00	-14.83	41.79	3	Vertical	64	1.80	-	37.98	12.39	32.99			
AV	15.88983G	45.80	54.00	-8.20	28.45	3	Vertical	64	1.80	-	37.96	12.39	33.00			

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

5300MHz_TX

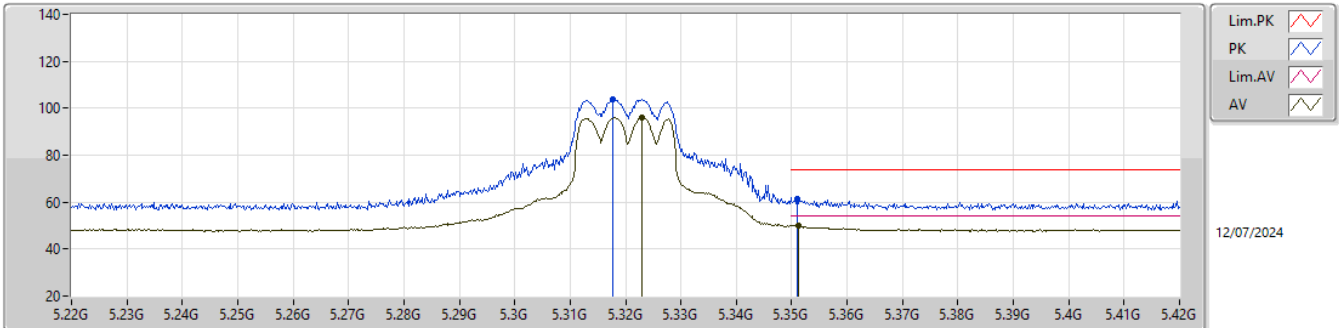


EUT Z_2TX
Setting 23
05-R-G-5

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	10.59388G	61.44	68.20	-6.76	45.61	3	Horizontal	52	2.85	-	39.16	10.45	33.78			
PK	15.89328G	59.33	74.00	-14.67	41.96	3	Horizontal	329	1.77	-	37.97	12.39	32.99			
AV	15.88971G	45.92	54.00	-8.08	28.57	3	Horizontal	329	1.77	-	37.96	12.39	33.00			

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

5320MHz_TX

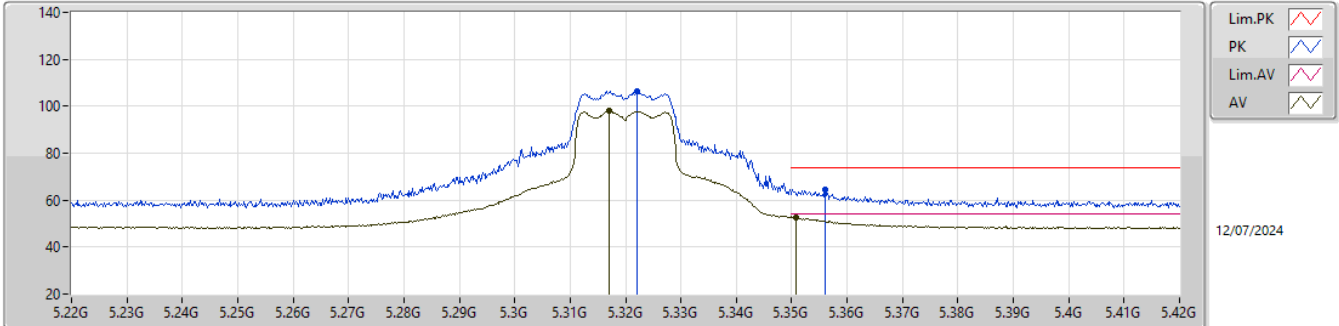


EUT_X_2TX
Setting 17.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.3176G	103.87	Inf	-Inf	97.70	3	Vertical	85	1.01	-	31.34	7.33	32.50			
AV	5.323G	96.05	Inf	-Inf	89.86	3	Vertical	85	1.01	-	31.35	7.34	32.50			
PK	5.351G	61.46	74.00	-12.54	55.21	3	Vertical	85	1.01	-	31.40	7.35	32.50			
AV	5.3512G	49.95	54.00	-4.05	43.70	3	Vertical	85	1.01	-	31.40	7.35	32.50			

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

5320MHz_TX

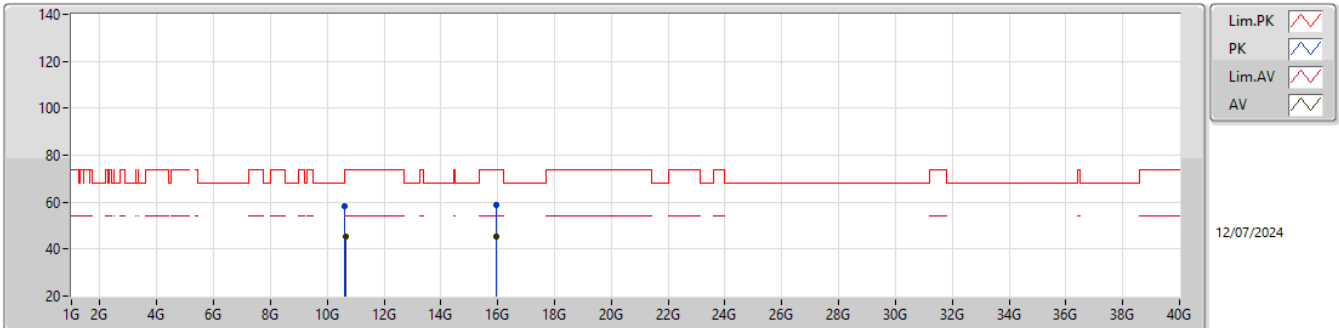


EUT_X_2TX
Setting 17.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.322G	106.17	Inf	-Inf	100.00	3	Horizontal	37	2.14	-	31.34	7.33	32.50			
AV	5.317G	97.85	Inf	-Inf	91.69	3	Horizontal	37	2.14	-	31.33	7.33	32.50			
PK	5.356G	64.32	74.00	-9.68	58.05	3	Horizontal	37	2.14	-	31.41	7.35	32.49			
AV	5.3508G	52.62	54.00	-1.38	46.37	3	Horizontal	37	2.14	-	31.40	7.35	32.50			

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

5320MHz_TX

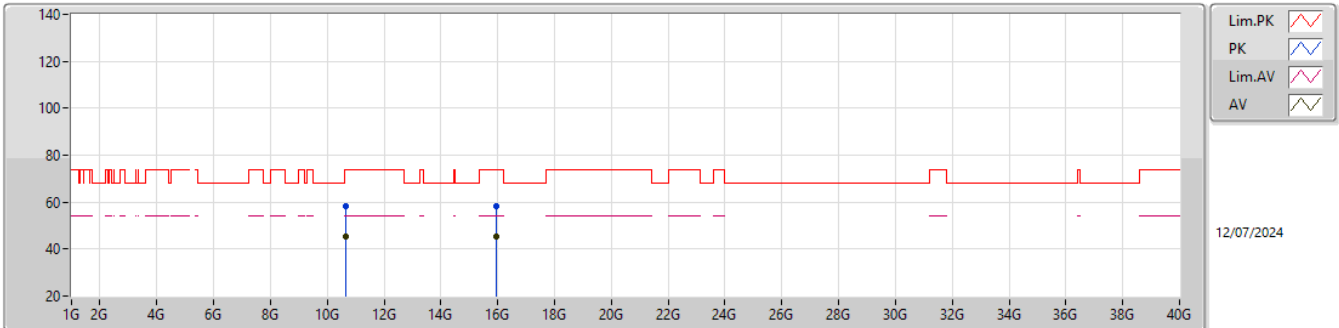


EUT_Z_2TX
Setting 17.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	10.63064G	58.04	74.00	-15.96	42.00	3	Vertical	172	2.21	-	39.32	10.47	33.75				
AV	10.63535G	45.34	54.00	-8.66	29.27	3	Vertical	172	2.21	-	39.34	10.47	33.74				
PK	15.94995G	58.82	74.00	-15.18	41.52	3	Vertical	278	1.31	-	37.80	12.41	32.91				
AV	15.94947G	45.34	54.00	-8.66	28.04	3	Vertical	278	1.31	-	37.80	12.41	32.91				

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

5320MHz_TX

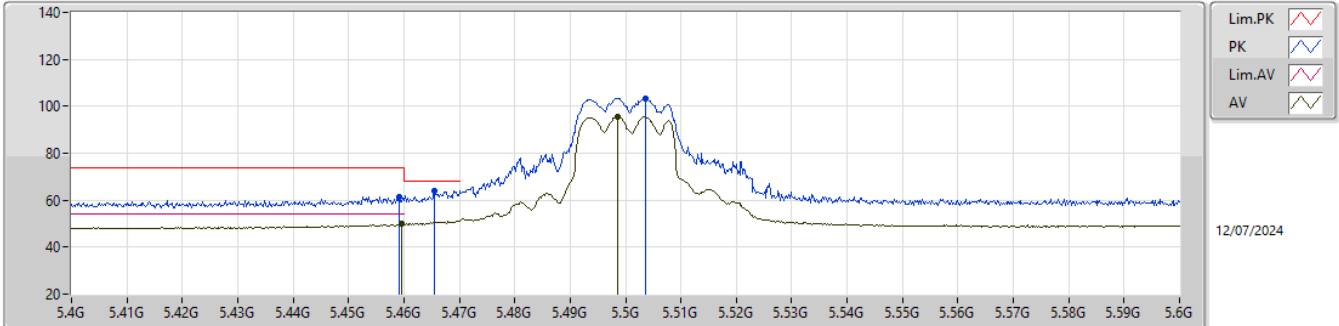


EUT_Z_2TX
Setting 17.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.64003G	58.30	74.00	-15.70	42.21	3	Horizontal	104	1.18	-	39.36	10.47	33.74			
AV	10.65203G	45.36	54.00	-8.64	29.21	3	Horizontal	104	1.18	-	39.40	10.48	33.73			
PK	15.94854G	58.07	74.00	-15.93	40.76	3	Horizontal	77	2.96	-	37.81	12.41	32.91			
AV	15.94665G	45.38	54.00	-8.62	28.07	3	Horizontal	77	2.96	-	37.81	12.41	32.91			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

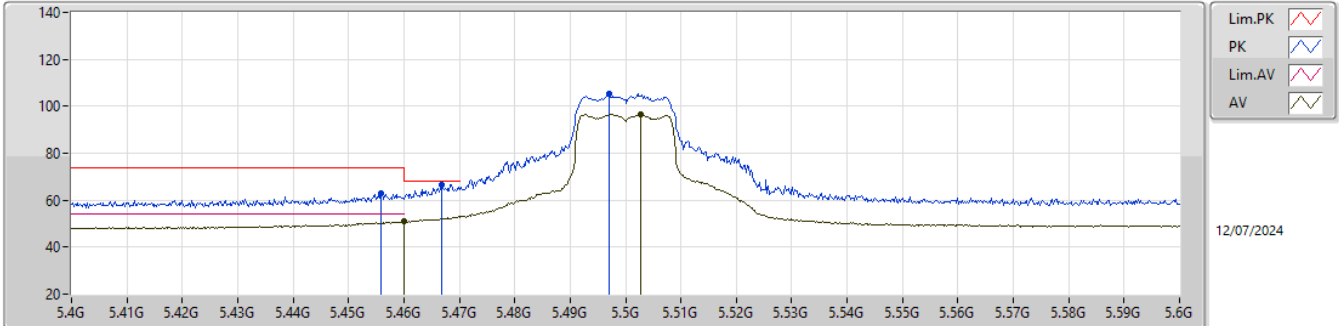


EUT_X_2TX
Setting 18
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4592G	61.21	74.00	-12.79	54.53	3	Vertical	82	2.16	-	31.74	7.41	32.47			
AV	5.4596G	49.78	54.00	-4.22	43.10	3	Vertical	82	2.16	-	31.74	7.41	32.47			
PK	5.4654G	64.17	68.20	-4.03	57.46	3	Vertical	82	2.16	-	31.76	7.42	32.47			
PK	5.5036G	103.35	Inf	-Inf	96.47	3	Vertical	82	2.16	-	31.89	7.45	32.46			
AV	5.4986G	95.51	Inf	-Inf	88.64	3	Vertical	82	2.16	-	31.89	7.44	32.46			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

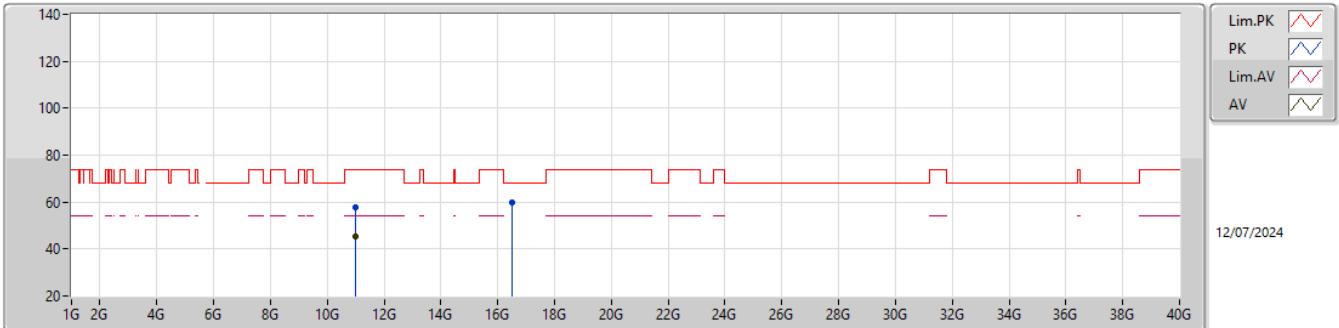


EUT_X_2TX
Setting 18
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4558G	63.18	74.00	-10.82	56.52	3	Horizontal	37	2.13	-	31.72	7.41	32.47			
AV	5.46G	51.00	54.00	-3.00	44.31	3	Horizontal	37	2.13	-	31.74	7.42	32.47			
PK	5.4668G	66.58	68.20	-1.62	59.86	3	Horizontal	37	2.13	-	31.77	7.42	32.47			
PK	5.497G	105.53	Inf	-Inf	98.66	3	Horizontal	37	2.13	-	31.89	7.44	32.46			
AV	5.5028G	96.49	Inf	-Inf	89.61	3	Horizontal	37	2.13	-	31.89	7.45	32.46			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

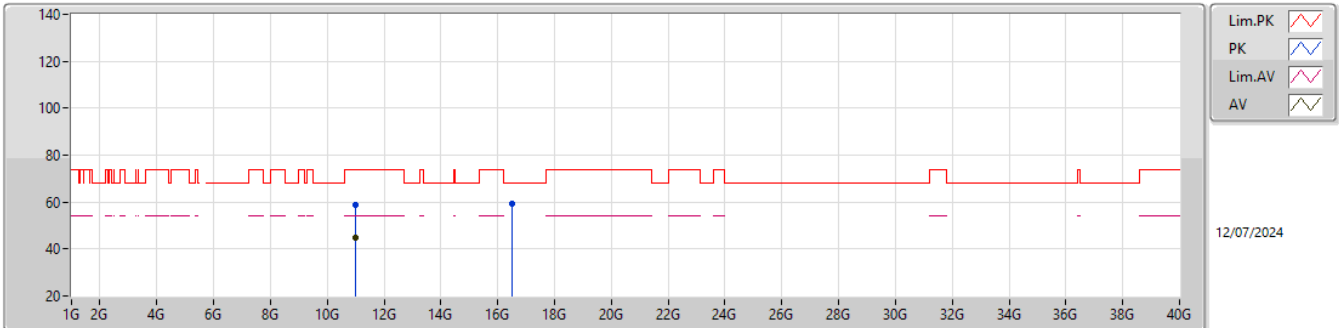


EUT_Z_2TX
Setting 18
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.99946G	57.83	74.00	-16.17	41.76	3	Vertical	102	1.18	-	38.90	10.63	33.46			
AV	11.00531G	45.28	54.00	-8.72	29.20	3	Vertical	102	1.18	-	38.91	10.63	33.46			
PK	16.4865G	59.68	68.20	-8.52	41.59	3	Vertical	340	2.12	-	38.57	12.66	33.14			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

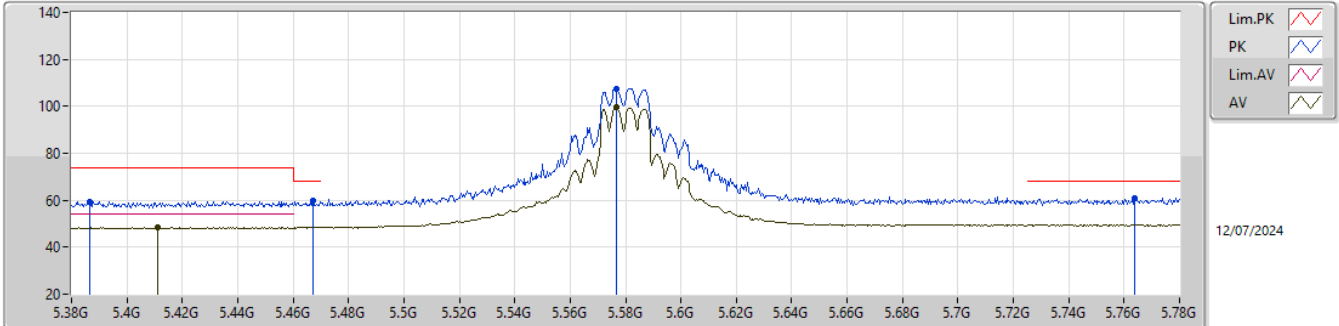
5500MHz_TX

EUT_Z_2TX
Setting 18
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.99835G	58.59	74.00	-15.41	42.52	3	Horizontal	171	1.83	-	38.90	10.63	33.46			
AV	11.00417G	44.93	54.00	-9.07	28.85	3	Horizontal	171	1.83	-	38.91	10.63	33.46			
PK	16.49178G	59.47	68.20	-8.73	41.37	3	Horizontal	123	1.93	-	38.58	12.66	33.14			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

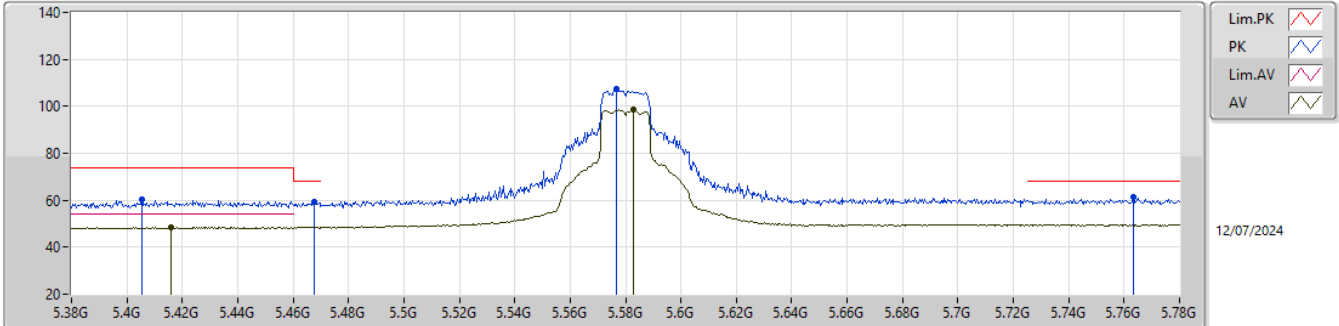


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.3864G	59.51	74.00	-14.49	53.17	3	Vertical	86	2.38	-	31.47	7.36	32.49			
AV	5.4112G	48.38	54.00	-5.62	41.94	3	Vertical	86	2.38	-	31.54	7.38	32.48			
PK	5.4672G	60.07	68.20	-8.13	53.35	3	Vertical	86	2.38	-	31.77	7.42	32.47			
PK	5.5768G	107.45	Inf	-Inf	100.66	3	Vertical	86	2.38	-	31.75	7.50	32.46			
AV	5.5768G	99.59	Inf	-Inf	92.80	3	Vertical	86	2.38	-	31.75	7.50	32.46			
PK	5.7636G	60.82	68.20	-7.38	53.57	3	Vertical	86	2.38	-	32.13	7.57	32.45			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

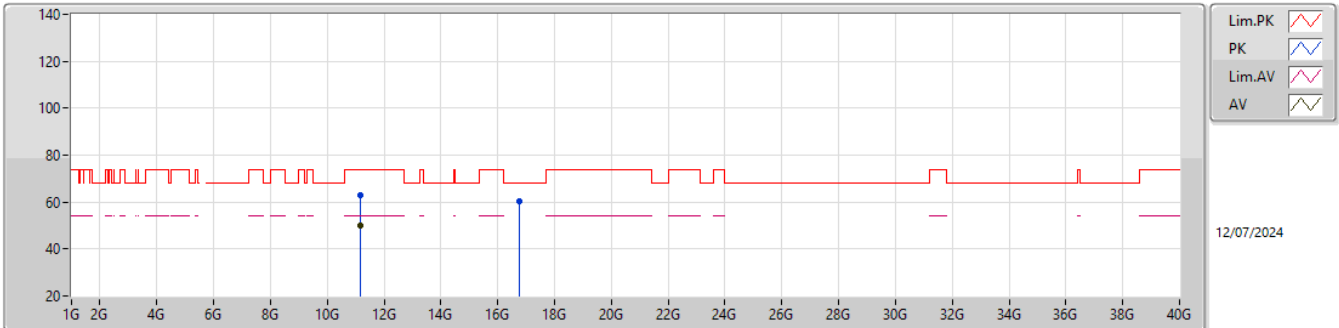


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4056G	60.09	74.00	-13.91	53.68	3	Horizontal	36	2.06	-	31.52	7.37	32.48			
AV	5.416G	48.58	54.00	-5.42	42.12	3	Horizontal	36	2.06	-	31.56	7.38	32.48			
PK	5.4676G	59.17	68.20	-9.03	52.45	3	Horizontal	36	2.06	-	31.77	7.42	32.47			
PK	5.5768G	107.36	Inf	-Inf	100.57	3	Horizontal	36	2.06	-	31.75	7.50	32.46			
AV	5.5828G	98.48	Inf	-Inf	91.70	3	Horizontal	36	2.06	-	31.73	7.51	32.46			
PK	5.7632G	61.25	68.20	-6.95	54.00	3	Horizontal	36	2.06	-	32.13	7.57	32.45			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

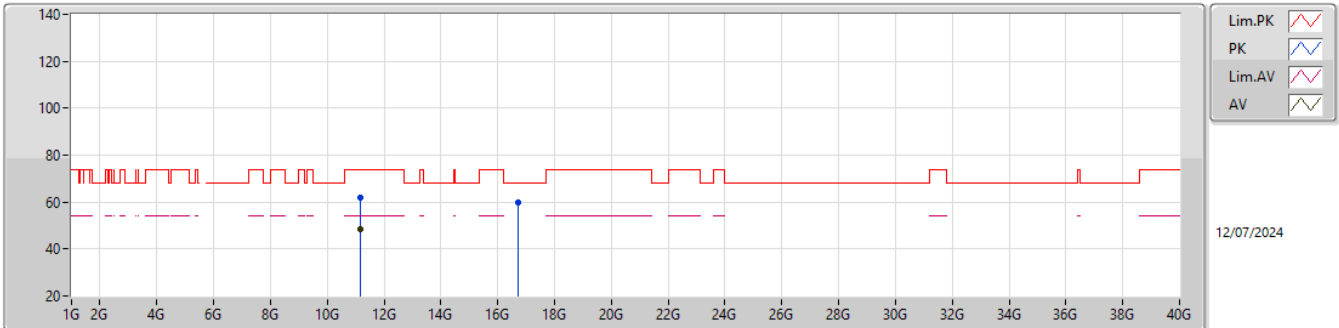


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.15787G	62.72	74.00	-11.28	46.44	3	Vertical	360	2.95	-	38.90	10.70	33.32			
AV	11.15865G	50.15	54.00	-3.85	33.87	3	Vertical	360	2.95	-	38.90	10.70	33.32			
PK	16.74126G	60.13	68.20	-8.07	42.08	3	Vertical	224	3.00	-	38.23	12.77	32.95			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

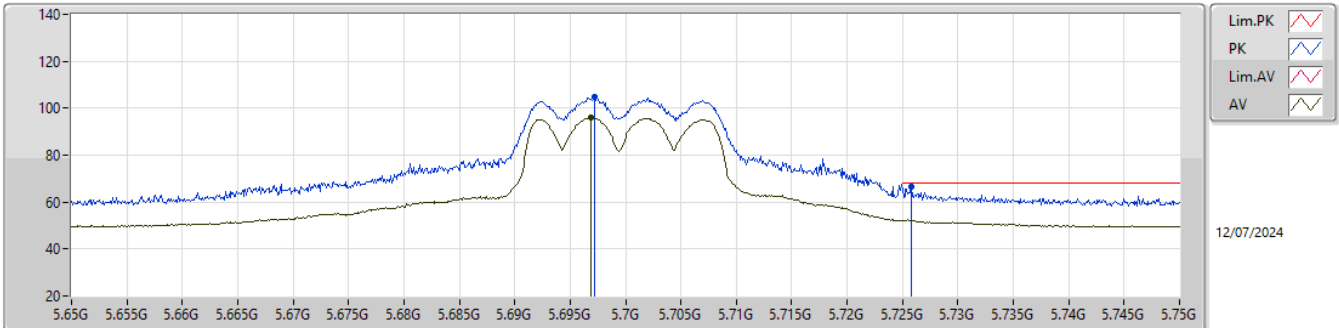


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.16348G	61.75	74.00	-12.25	45.46	3	Horizontal	132	2.44	-	38.90	10.70	33.31			
AV	11.15901G	48.43	54.00	-5.57	32.15	3	Horizontal	132	2.44	-	38.90	10.70	33.32			
PK	16.72896G	59.62	68.20	-8.58	41.53	3	Horizontal	143	2.71	-	38.28	12.77	32.96			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

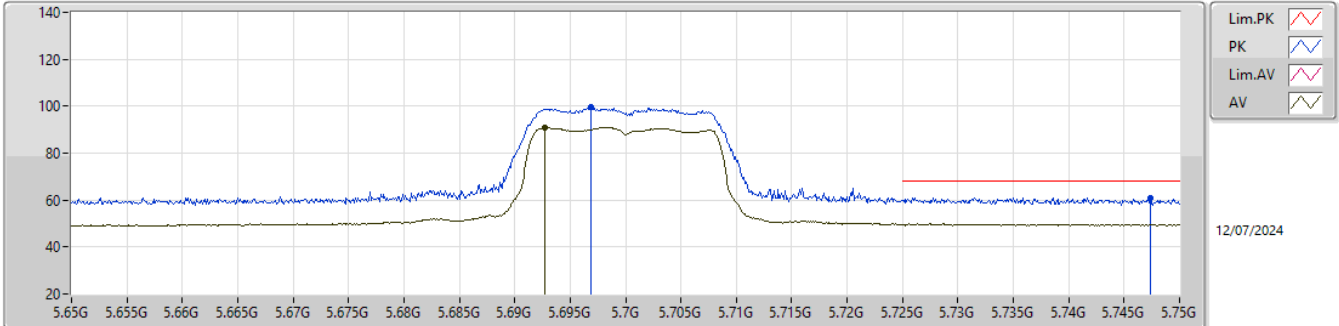


EUT_X_2TX
Setting 19.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6972G	104.89	Inf	-Inf	97.80	3	Vertical	82	2.31	-	31.99	7.55	32.45			
AV	5.6969G	96.00	Inf	-Inf	88.91	3	Vertical	82	2.31	-	31.99	7.55	32.45			
PK	5.7258G	66.73	68.20	-1.47	59.57	3	Vertical	82	2.31	-	32.05	7.56	32.45			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

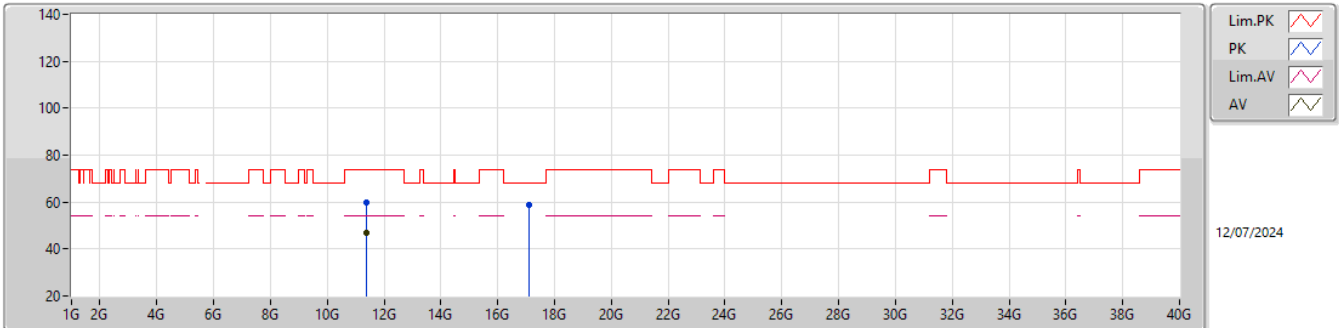


EUT_X_2TX
Setting 19.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6969G	99.57	Inf	-Inf	92.48	3	Horizontal	39	1.80	-	31.99	7.55	32.45			
AV	5.6927G	90.85	Inf	-Inf	83.78	3	Horizontal	39	1.80	-	31.97	7.55	32.45			
PK	5.7474G	61.10	68.20	-7.10	53.90	3	Horizontal	39	1.80	-	32.09	7.56	32.45			

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

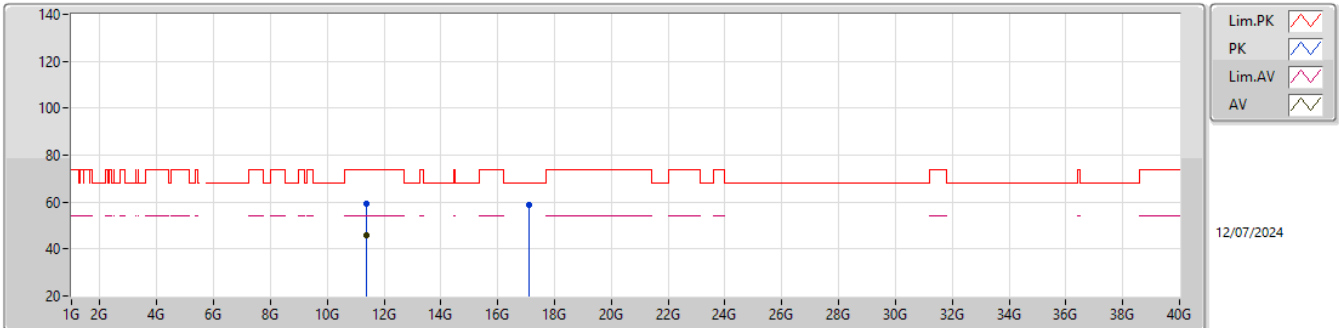


EUT_Z_2TX
Setting 19.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	11.40021G	59.84	74.00	-14.16	42.93	3	Vertical	71	1.29	-	39.20	10.81	33.10				
AV	11.39832G	47.03	54.00	-6.97	30.12	3	Vertical	71	1.29	-	39.20	10.81	33.10				
PK	17.10876G	58.94	68.20	-9.26	40.52	3	Vertical	304	2.02	-	38.32	12.95	32.85				

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

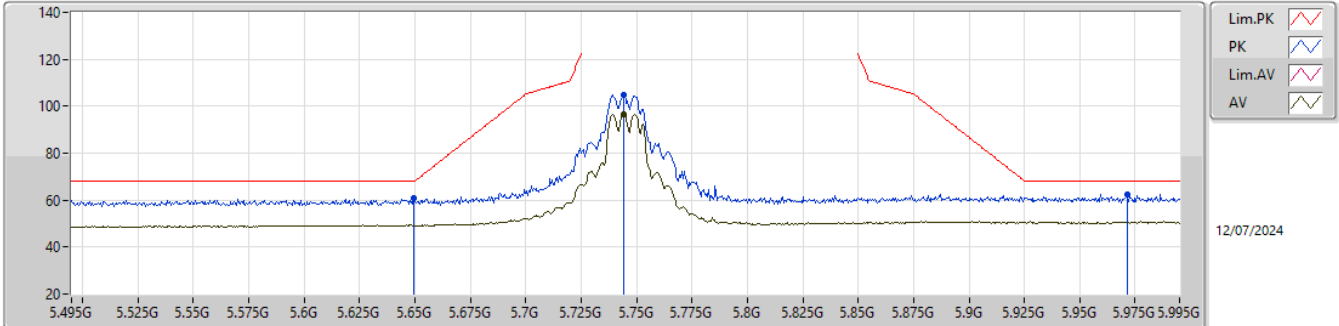


EUT_Z_2TX
Setting 19.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.39751G	59.22	74.00	-14.78	42.32	3	Horizontal	72	2.71	-	39.20	10.80	33.10			
AV	11.39604G	46.11	54.00	-7.89	29.21	3	Horizontal	72	2.71	-	39.20	10.80	33.10			
PK	17.09313G	58.93	68.20	-9.27	40.52	3	Horizontal	303	2.12	-	38.31	12.94	32.84			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

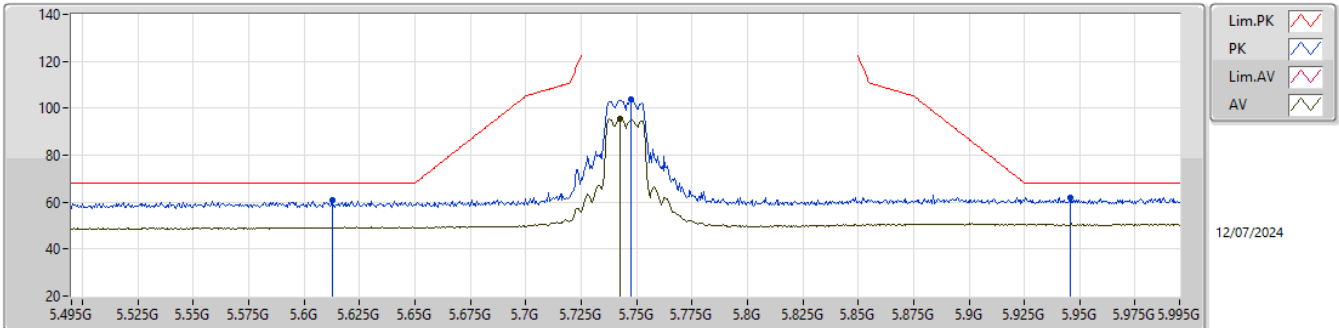


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6495G	60.94	68.20	-7.26	54.06	3	Vertical	82	2.17	-	31.80	7.53	32.45			
PK	5.744G	104.79	Inf	-Inf	97.59	3	Vertical	82	2.17	-	32.09	7.56	32.45			
AV	5.744G	96.80	Inf	-Inf	89.60	3	Vertical	82	2.17	-	32.09	7.56	32.45			
PK	5.9715G	62.54	68.20	-5.66	54.87	3	Vertical	82	2.17	-	32.44	7.67	32.44			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

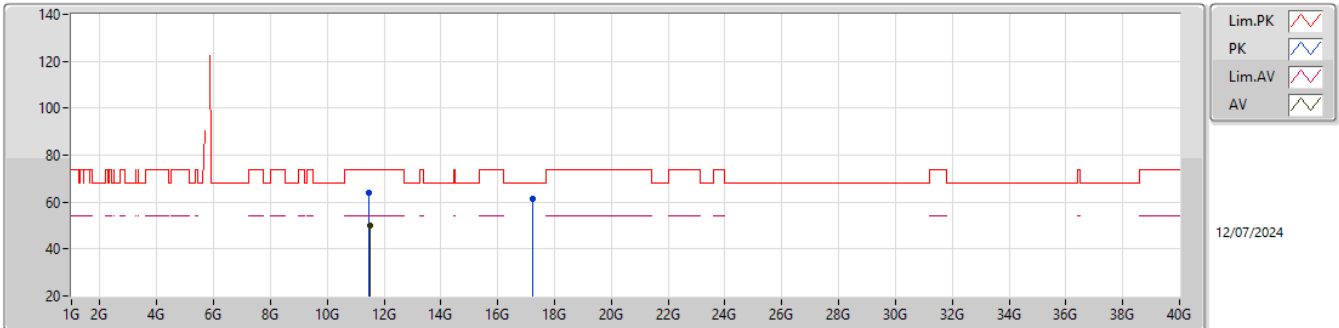


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6125G	60.69	68.20	-7.51	53.90	3	Horizontal	33	1.80	-	31.73	7.52	32.46			
PK	5.7475G	103.70	Inf	-Inf	96.50	3	Horizontal	33	1.80	-	32.09	7.56	32.45			
AV	5.7425G	95.35	Inf	-Inf	88.15	3	Horizontal	33	1.80	-	32.09	7.56	32.45			
PK	5.9455G	62.00	68.20	-6.20	54.39	3	Horizontal	33	1.80	-	32.40	7.65	32.44			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

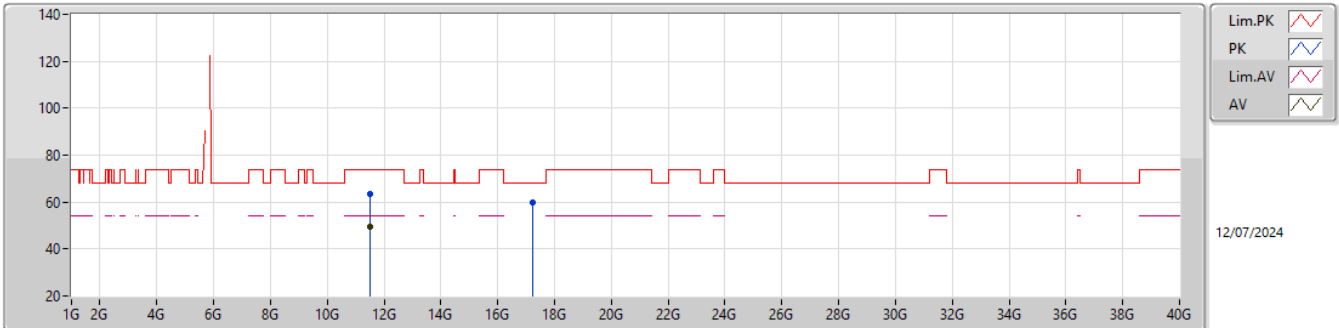


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.48337G	64.03	74.00	-9.97	47.18	3	Vertical	185	2.17	-	39.03	10.84	33.02			
AV	11.48859G	50.04	54.00	-3.96	33.20	3	Vertical	185	2.17	-	39.02	10.84	33.02			
PK	17.24757G	61.42	68.20	-6.78	42.62	3	Vertical	345	2.17	-	38.79	13.01	33.00			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

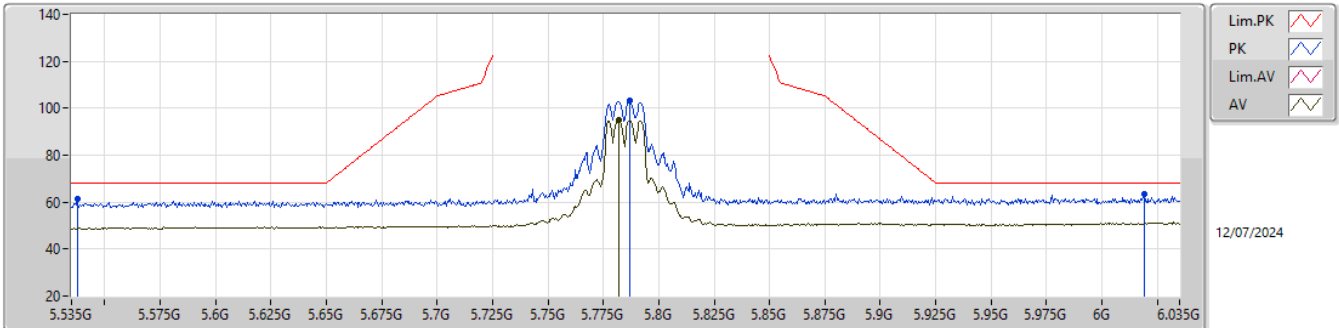


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.48868G	63.21	74.00	-10.79	46.36	3	Horizontal	244	2.84	-	39.02	10.85	33.02			
AV	11.48877G	49.42	54.00	-4.58	32.57	3	Horizontal	244	2.84	-	39.02	10.85	33.02			
PK	17.24454G	59.95	68.20	-8.25	41.15	3	Horizontal	313	2.90	-	38.78	13.01	32.99			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

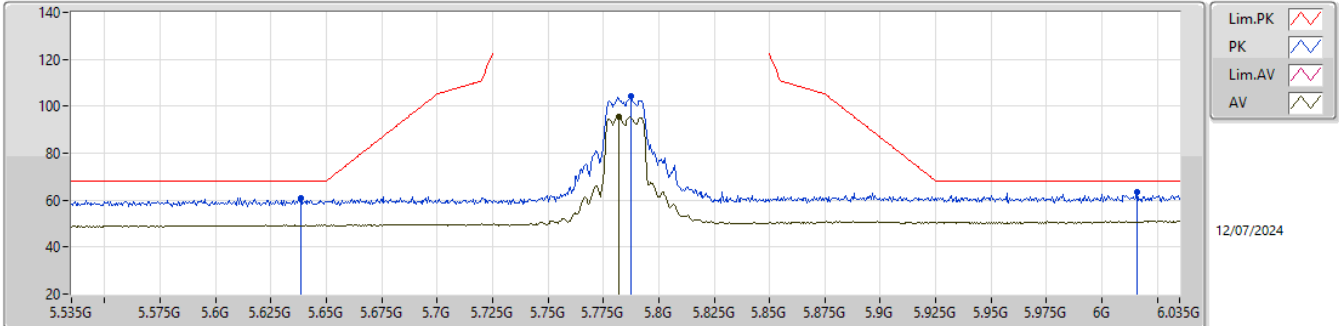


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.5375G	61.17	68.20	-7.03	54.34	3	Vertical	106	1.80	-	31.82	7.47	32.46			
PK	5.787G	103.16	Inf	-Inf	95.86	3	Vertical	106	1.80	-	32.17	7.58	32.45			
AV	5.782G	94.86	Inf	-Inf	87.58	3	Vertical	106	1.80	-	32.16	7.57	32.45			
PK	6.019G	63.19	68.20	-5.01	55.41	3	Vertical	106	1.80	-	32.54	7.68	32.44			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

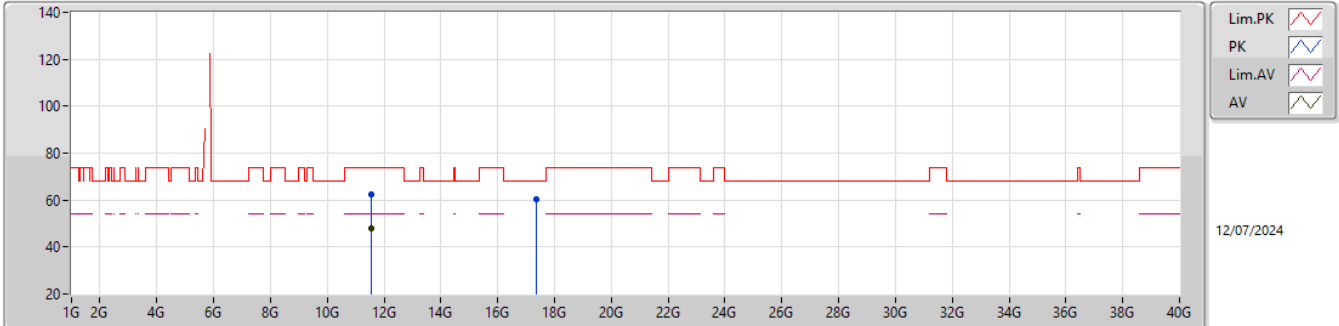


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6385G	60.73	68.20	-7.47	53.87	3	Horizontal	32	2.27	-	31.78	7.53	32.45			
PK	5.7875G	104.24	Inf	-Inf	96.93	3	Horizontal	32	2.27	-	32.18	7.58	32.45			
AV	5.782G	95.38	Inf	-Inf	88.10	3	Horizontal	32	2.27	-	32.16	7.57	32.45			
PK	6.016G	63.21	68.20	-4.99	55.44	3	Horizontal	32	2.27	-	32.53	7.68	32.44			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

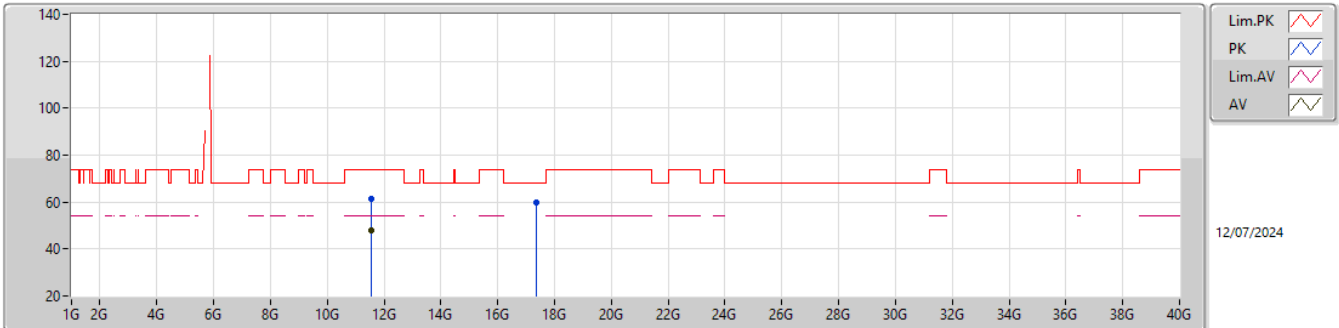


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.56844G	62.55	74.00	-11.45	46.01	3	Vertical	183	2.24	-	38.73	10.88	33.07			
AV	11.56856G	48.06	54.00	-5.94	31.52	3	Vertical	183	2.24	-	38.73	10.88	33.07			
PK	17.35383G	60.52	68.20	-7.68	41.56	3	Vertical	58	1.43	-	39.01	13.06	33.11			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

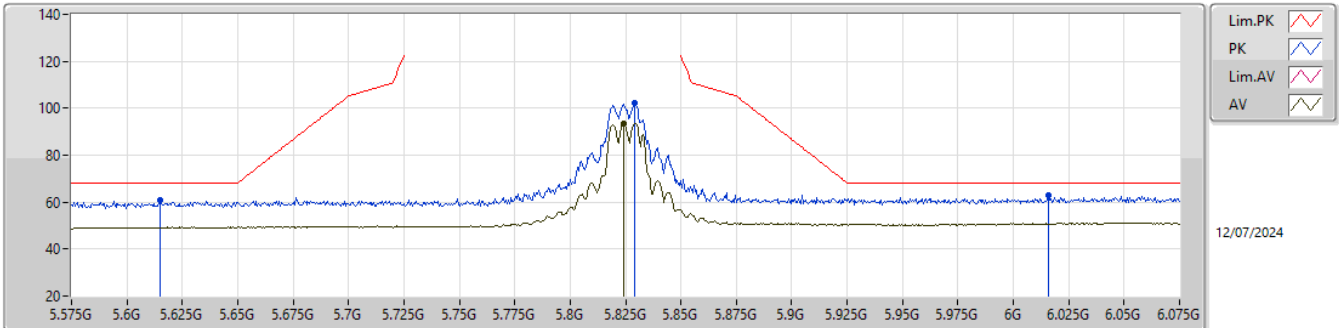


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.56826G	61.31	74.00	-12.69	44.77	3	Horizontal	244	2.75	-	38.73	10.88	33.07			
AV	11.56844G	47.79	54.00	-6.21	31.25	3	Horizontal	244	2.75	-	38.73	10.88	33.07			
PK	17.36757G	60.00	68.20	-8.20	41.01	3	Horizontal	32	1.01	-	39.04	13.07	33.12			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

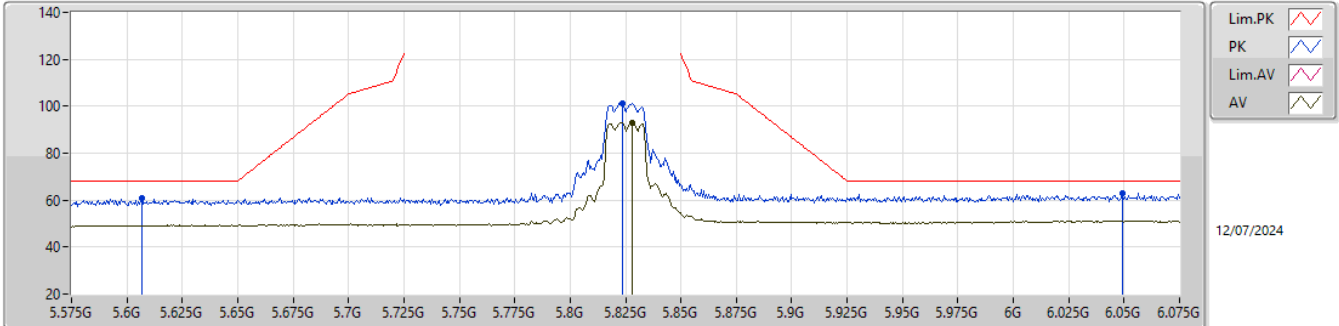


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.615G	60.98	68.20	-7.22	54.19	3	Vertical	108	1.80	-	31.73	7.52	32.46			
PK	5.829G	102.05	Inf	-Inf	94.71	3	Vertical	108	1.80	-	32.20	7.59	32.45			
AV	5.824G	93.60	Inf	-Inf	86.26	3	Vertical	108	1.80	-	32.20	7.59	32.45			
PK	6.016G	62.80	68.20	-5.40	55.03	3	Vertical	108	1.80	-	32.53	7.68	32.44			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

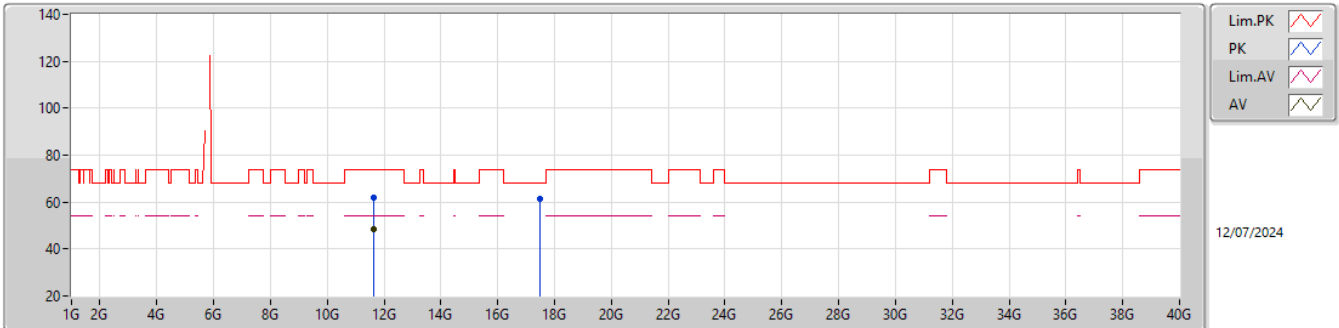


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.607G	60.67	68.20	-7.53	53.90	3	Horizontal	33	1.80	-	31.71	7.52	32.46			
PK	5.8235G	101.06	Inf	-Inf	93.72	3	Horizontal	33	1.80	-	32.20	7.59	32.45			
AV	5.828G	93.09	Inf	-Inf	85.75	3	Horizontal	33	1.80	-	32.20	7.59	32.45			
PK	6.049G	62.94	68.20	-5.26	55.08	3	Horizontal	33	1.80	-	32.60	7.69	32.43			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

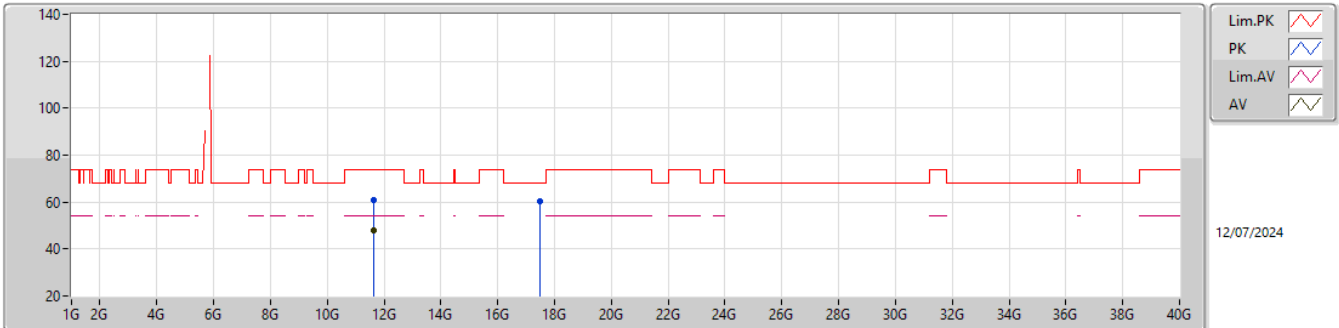


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.64868G	62.02	74.00	-11.98	45.74	3	Vertical	192	2.30	-	38.50	10.92	33.14			
AV	11.65336G	48.30	54.00	-5.70	32.02	3	Vertical	192	2.30	-	38.50	10.92	33.14			
PK	17.47155G	61.34	68.20	-6.86	42.36	3	Vertical	305	2.76	-	39.10	13.11	33.23			

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

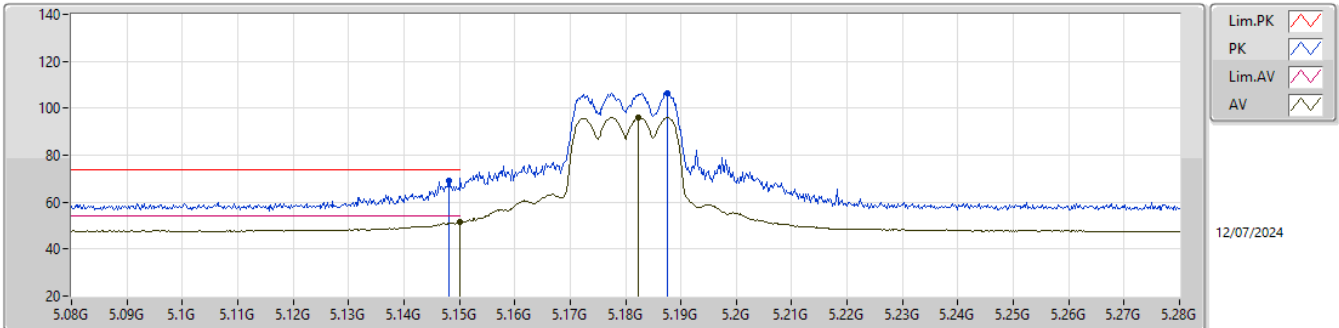


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.65318G	61.02	74.00	-12.98	44.74	3	Horizontal	239	2.77	-	38.50	10.92	33.14			
AV	11.64904G	47.93	54.00	-6.07	31.65	3	Horizontal	239	2.77	-	38.50	10.92	33.14			
PK	17.48226G	60.52	68.20	-7.68	41.54	3	Horizontal	60	2.22	-	39.10	13.12	33.24			

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

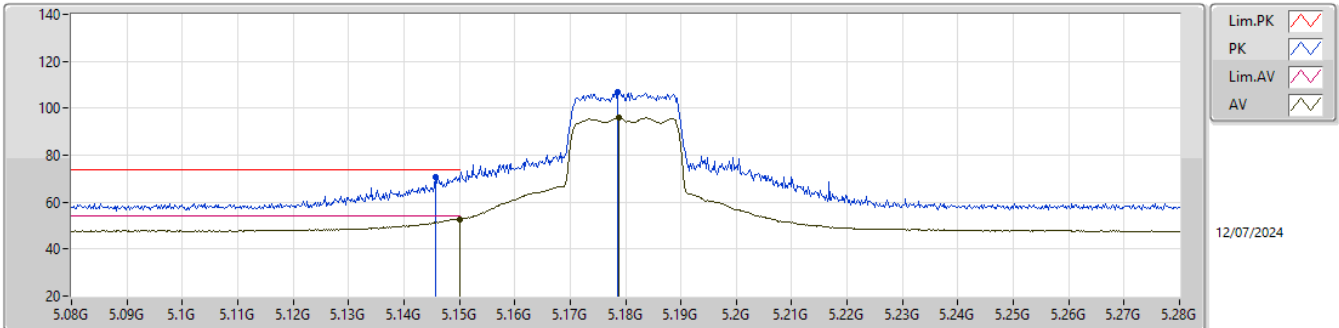


EUT_X_2TX
Setting 16.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1482G	69.06	74.00	-4.94	62.27	3	Vertical	85	3.00	-	32.09	7.24	32.54			
AV	5.15G	51.49	54.00	-2.51	44.69	3	Vertical	85	3.00	-	32.10	7.24	32.54			
PK	5.1876G	106.62	Inf	-Inf	100.01	3	Vertical	85	3.00	-	31.87	7.27	32.53			
AV	5.1824G	96.09	Inf	-Inf	89.45	3	Vertical	85	3.00	-	31.91	7.27	32.54			

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

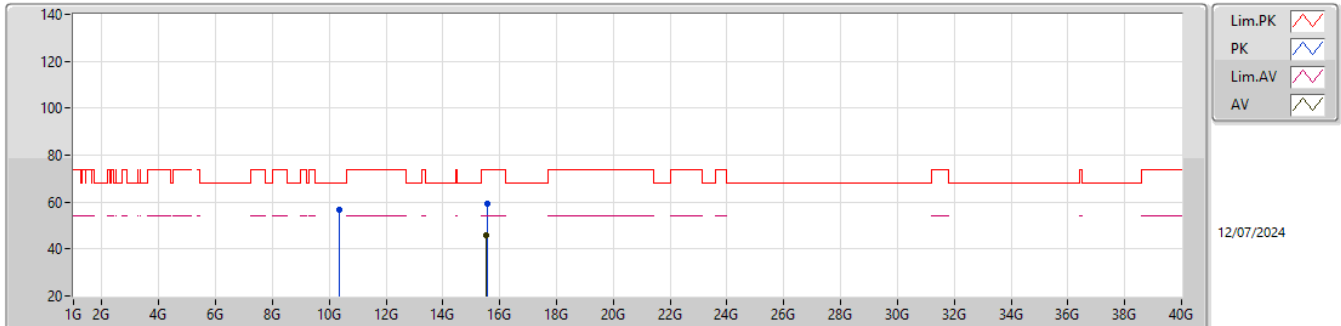


EUT_X_2TX
Setting 16.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1458G	70.82	74.00	-3.18	64.06	3	Horizontal	37	2.15	-	32.08	7.23	32.55			
AV	5.15G	52.76	54.00	-1.24	45.96	3	Horizontal	37	2.15	-	32.10	7.24	32.54			
PK	5.1786G	106.81	Inf	-Inf	100.16	3	Horizontal	37	2.15	-	31.93	7.26	32.54			
AV	5.1788G	95.85	Inf	-Inf	89.20	3	Horizontal	37	2.15	-	31.93	7.26	32.54			

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

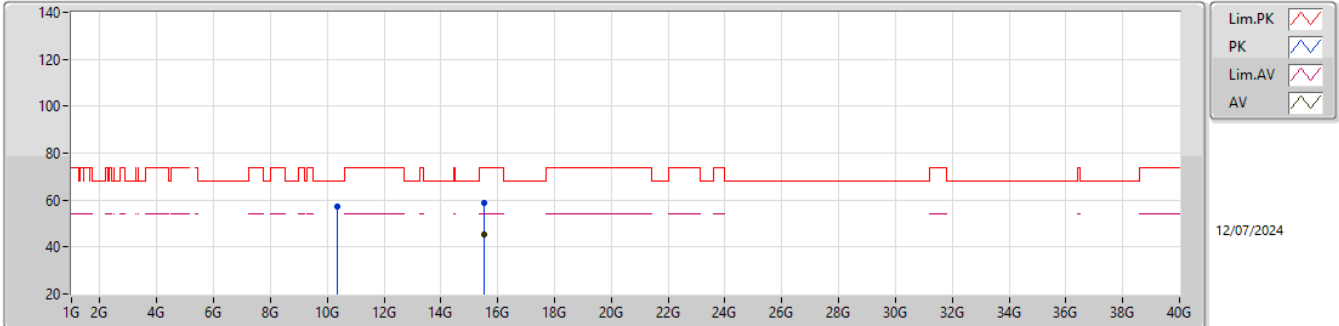


EUT Z_2TX
Setting 16.5
05-R-G-5

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	10.35601G	56.94	68.20	-11.26	41.20	3	Vertical	247	2.45	-	38.99	10.35	33.60			
PK	15.5529G	59.15	74.00	-14.85	41.99	3	Vertical	297	1.46	-	38.39	12.28	33.51			
AV	15.54249G	45.74	54.00	-8.26	28.56	3	Vertical	297	1.46	-	38.43	12.28	33.53			

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

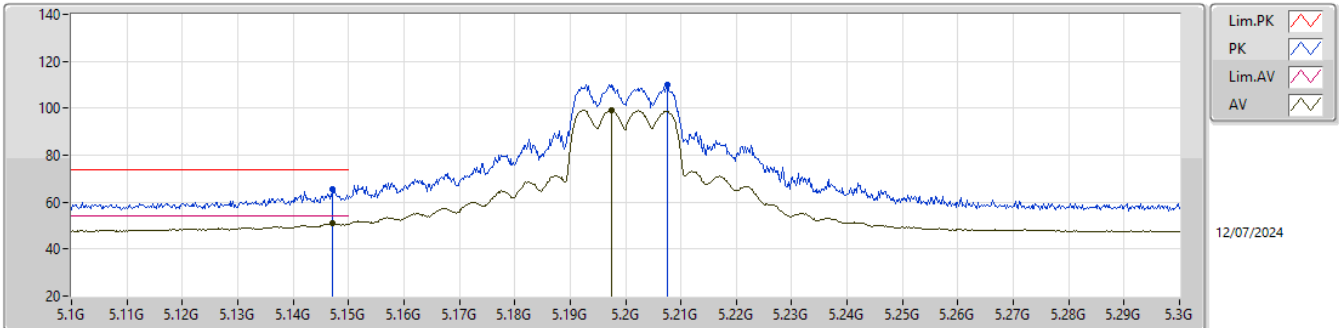


EUT_Z_2TX
Setting 16.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.35169G	57.29	68.20	-10.91	41.54	3	Horizontal	151	1.09	-	39.00	10.34	33.59			
PK	15.53355G	58.96	74.00	-15.04	41.76	3	Horizontal	4	2.54	-	38.47	12.27	33.54			
AV	15.54243G	45.54	54.00	-8.46	28.36	3	Horizontal	4	2.54	-	38.43	12.28	33.53			

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

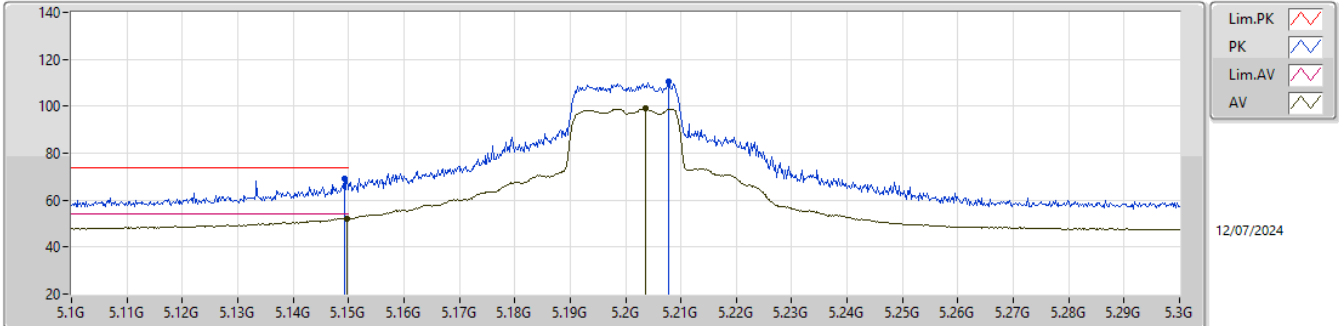
5200MHz_TX

EUT_X_2TX
Setting 20
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1472G	65.52	74.00	-8.48	58.73	3	Vertical	84	3.00	-	32.09	7.24	32.54			
AV	5.1472G	50.82	54.00	-3.18	44.03	3	Vertical	84	3.00	-	32.09	7.24	32.54			
PK	5.2076G	110.09	Inf	-Inf	103.60	3	Vertical	84	3.00	-	31.74	7.28	32.53			
AV	5.1974G	99.15	Inf	-Inf	92.58	3	Vertical	84	3.00	-	31.82	7.28	32.53			

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

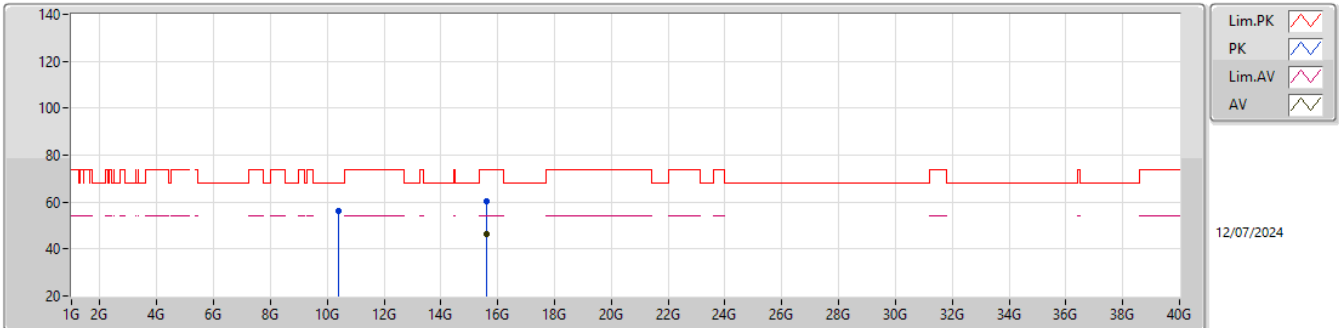


EUT_X_2TX
Setting 20
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1492G	69.32	74.00	-4.68	62.52	3	Horizontal	34	2.18	-	32.10	7.24	32.54			
AV	5.1498G	52.22	54.00	-1.78	45.42	3	Horizontal	34	2.18	-	32.10	7.24	32.54			
PK	5.2078G	110.34	Inf	-Inf	103.85	3	Horizontal	34	2.18	-	31.74	7.28	32.53			
AV	5.2036G	98.92	Inf	-Inf	92.40	3	Horizontal	34	2.18	-	31.77	7.28	32.53			

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

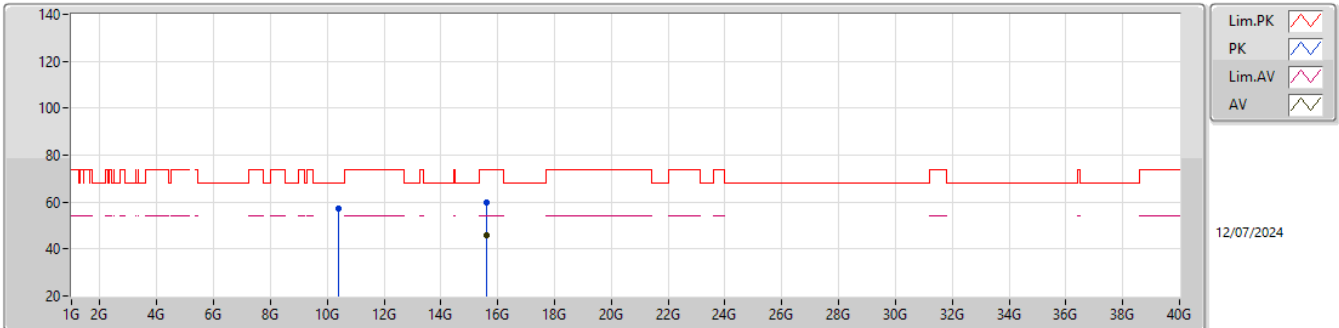


EUT_Z_2TX
Setting 20
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.3889G	56.43	68.20	-11.77	40.80	3	Vertical	258	1.63	-	38.92	10.36	33.65			
PK	15.59391G	60.35	74.00	-13.65	43.29	3	Vertical	295	1.82	-	38.22	12.29	33.45			
AV	15.59655G	46.24	54.00	-7.76	29.18	3	Vertical	295	1.82	-	38.21	12.29	33.44			

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

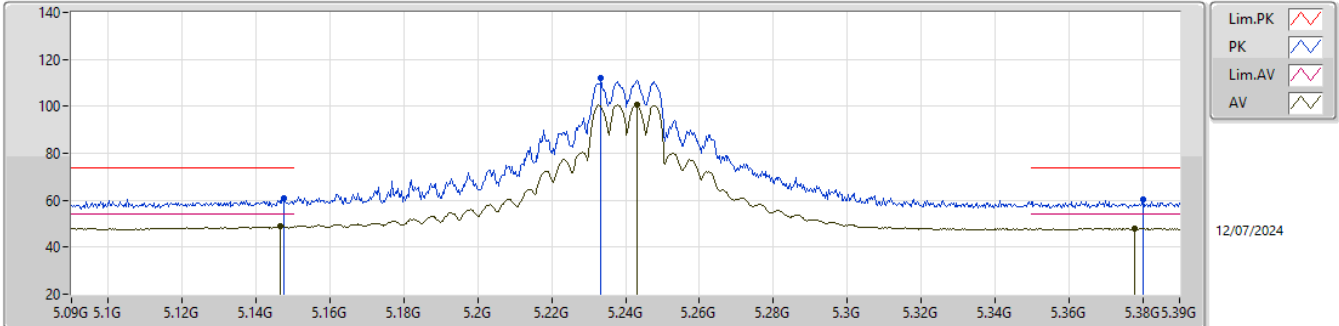


EUT_Z_2TX
Setting 20
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.38884G	57.23	68.20	-10.97	41.60	3	Horizontal	186	1.32	-	38.92	10.36	33.65			
PK	15.61209G	59.70	74.00	-14.30	42.69	3	Horizontal	305	1.80	-	38.13	12.30	33.42			
AV	15.60222G	45.66	54.00	-8.34	28.60	3	Horizontal	305	1.80	-	38.19	12.30	33.43			

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

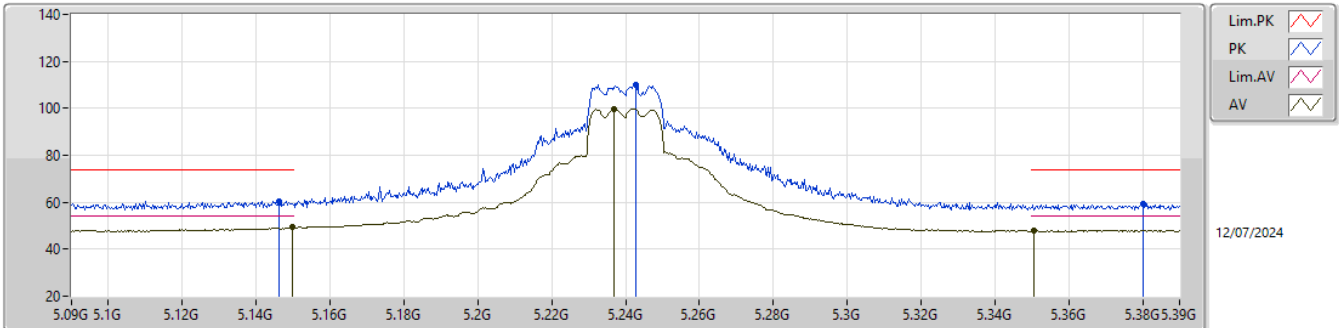


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1476G	60.65	74.00	-13.35	53.86	3	Vertical	97	1.02	-	32.09	7.24	32.54			
AV	5.1464G	48.99	54.00	-5.01	42.21	3	Vertical	97	1.02	-	32.09	7.23	32.54			
PK	5.2334G	112.00	Inf	-Inf	105.69	3	Vertical	97	1.02	-	31.53	7.30	32.52			
AV	5.243G	100.58	Inf	-Inf	94.34	3	Vertical	97	1.02	-	31.46	7.30	32.52			
PK	5.3801G	60.27	74.00	-13.73	53.94	3	Vertical	97	1.02	-	31.46	7.36	32.49			
AV	5.3777G	48.03	54.00	-5.97	41.70	3	Vertical	97	1.02	-	31.46	7.36	32.49			

5.15-5.25GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

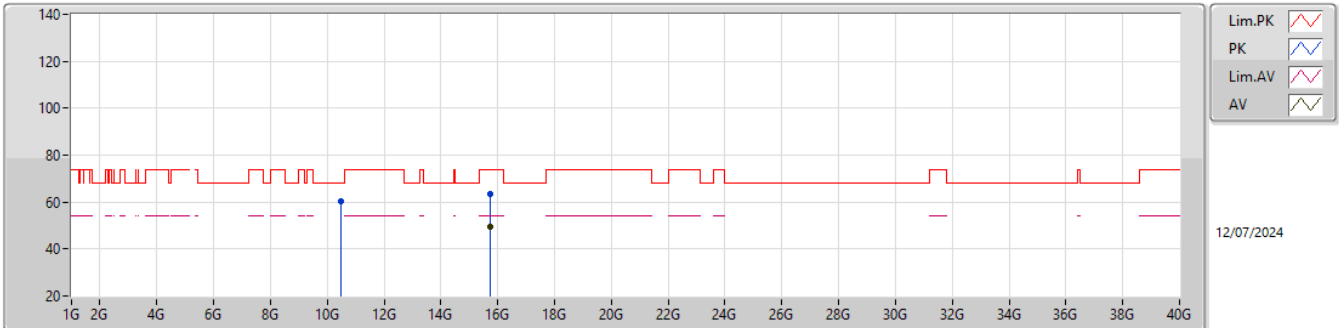


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1461G	60.57	74.00	-13.43	53.80	3	Horizontal	36	2.34	-	32.08	7.23	32.54			
AV	5.1497G	49.24	54.00	-4.76	42.44	3	Horizontal	36	2.34	-	32.10	7.24	32.54			
PK	5.2427G	110.05	Inf	-Inf	103.81	3	Horizontal	36	2.34	-	31.46	7.30	32.52			
AV	5.237G	99.63	Inf	-Inf	93.35	3	Horizontal	36	2.34	-	31.50	7.30	32.52			
PK	5.3801G	59.36	74.00	-14.64	53.03	3	Horizontal	36	2.34	-	31.46	7.36	32.49			
AV	5.3507G	48.01	54.00	-5.99	41.76	3	Horizontal	36	2.34	-	31.40	7.35	32.50			

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

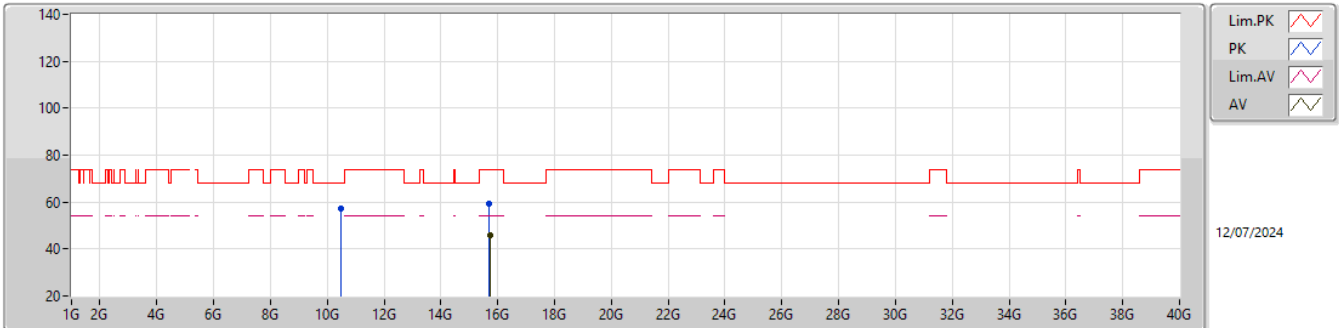


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.47724G	60.21	68.20	-7.99	44.77	3	Vertical	278	2.50	-	38.85	10.40	33.81			
PK	15.7218G	63.63	74.00	-10.37	46.40	3	Vertical	221	2.97	-	38.14	12.34	33.25			
AV	15.71667G	49.47	54.00	-4.53	32.26	3	Vertical	221	2.97	-	38.13	12.34	33.26			

5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

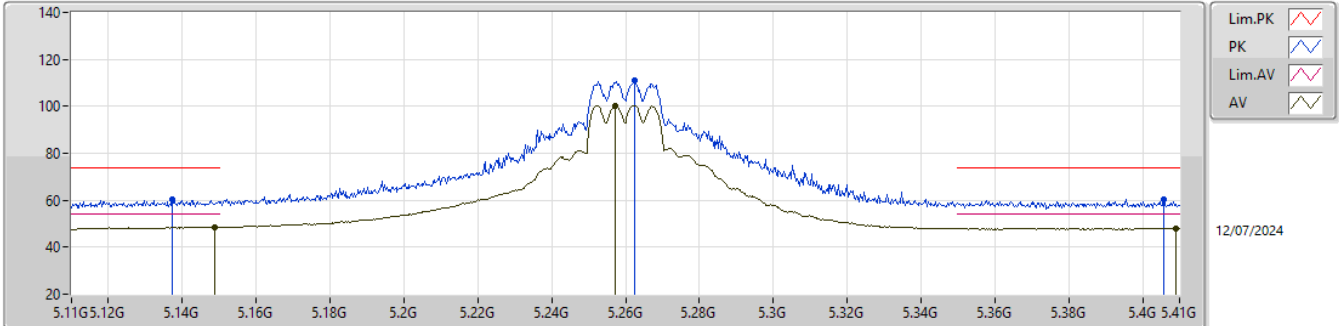


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.48591G	57.34	68.20	-10.86	41.94	3	Horizontal	23	1.25	-	38.83	10.40	33.83			
PK	15.71346G	59.45	74.00	-14.55	42.26	3	Horizontal	96	2.03	-	38.13	12.33	33.27			
AV	15.73431G	45.94	54.00	-8.06	28.66	3	Horizontal	96	2.03	-	38.17	12.34	33.23			

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5260MHz_TX

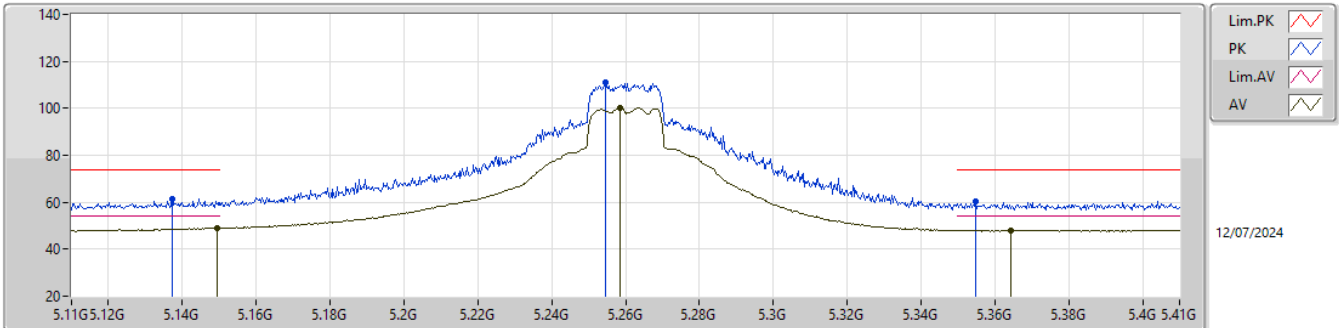


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1373G	60.28	74.00	-13.72	53.55	3	Vertical	83	3.00	-	32.05	7.23	32.55			
AV	5.1487G	48.61	54.00	-5.39	41.82	3	Vertical	83	3.00	-	32.09	7.24	32.54			
PK	5.2624G	110.80	Inf	-Inf	104.63	3	Vertical	83	3.00	-	31.38	7.31	32.52			
AV	5.2573G	100.33	Inf	-Inf	94.15	3	Vertical	83	3.00	-	31.39	7.31	32.52			
PK	5.4058G	60.37	74.00	-13.63	53.96	3	Vertical	83	3.00	-	31.52	7.37	32.48			
AV	5.4091G	48.17	54.00	-5.83	41.73	3	Vertical	83	3.00	-	31.54	7.38	32.48			

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5260MHz_TX

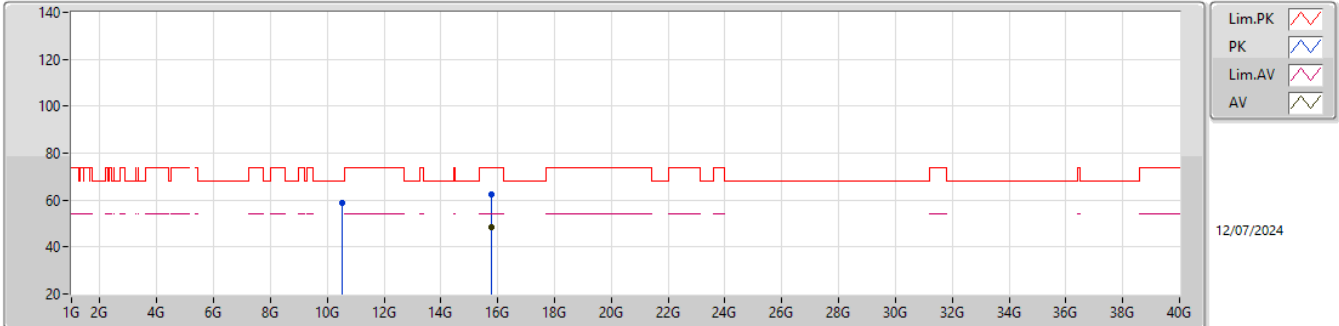


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1373G	61.35	74.00	-12.65	54.62	3	Horizontal	31	2.16	-	32.05	7.23	32.55			
AV	5.1493G	49.04	54.00	-4.96	42.24	3	Horizontal	31	2.16	-	32.10	7.24	32.54			
PK	5.2546G	111.01	Inf	-Inf	104.84	3	Horizontal	31	2.16	-	31.39	7.30	32.52			
AV	5.2585G	100.05	Inf	-Inf	93.88	3	Horizontal	31	2.16	-	31.38	7.31	32.52			
PK	5.3548G	60.11	74.00	-13.89	53.84	3	Horizontal	31	2.16	-	31.41	7.35	32.49			
AV	5.3644G	48.14	54.00	-5.86	41.85	3	Horizontal	31	2.16	-	31.43	7.35	32.49			

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz_TX

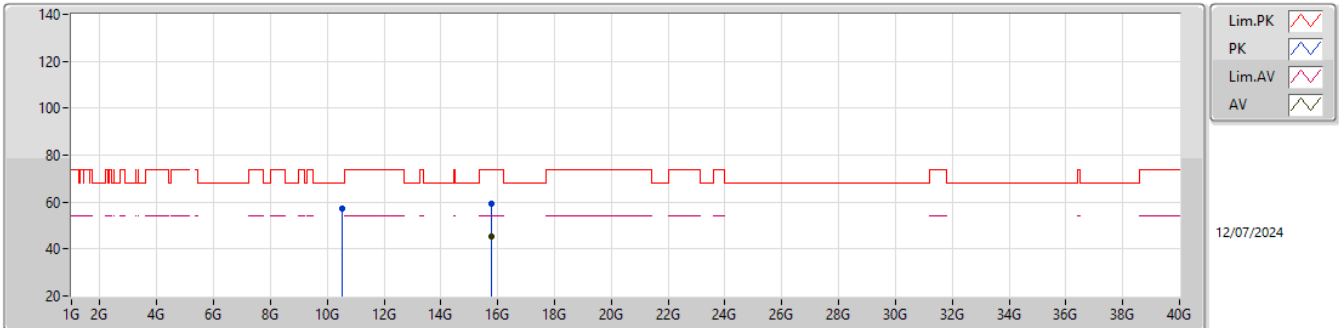


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.52171G	58.74	68.20	-9.46	43.31	3	Vertical	360	2.34	-	38.84	10.42	33.83			
PK	15.78G	62.37	74.00	-11.63	45.15	3	Vertical	227	2.97	-	38.02	12.36	33.16			
AV	15.77469G	48.28	54.00	-5.72	31.05	3	Vertical	227	2.97	-	38.05	12.35	33.17			

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5260MHz_TX

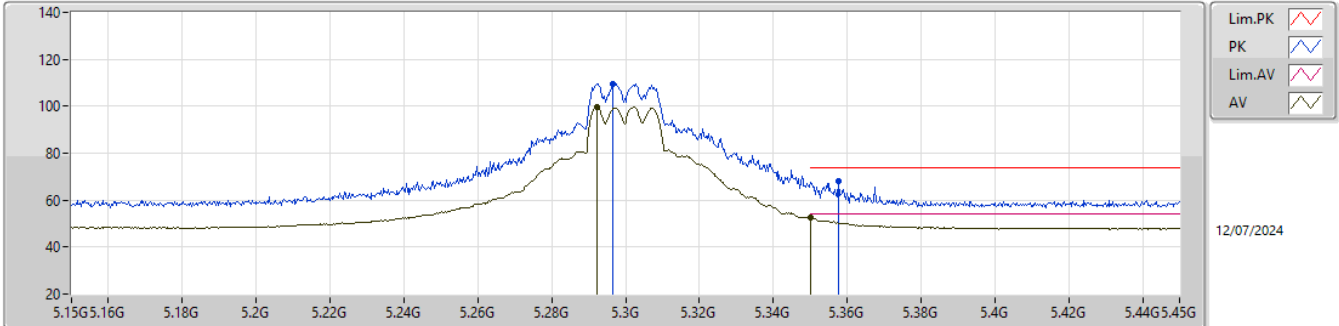


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.51544G	57.16	68.20	-11.04	41.75	3	Horizontal	273	1.46	-	38.83	10.42	33.84			
PK	15.76962G	59.28	74.00	-14.72	42.03	3	Horizontal	223	1.36	-	38.08	12.35	33.18			
AV	15.76926G	45.46	54.00	-8.54	28.21	3	Horizontal	223	1.36	-	38.08	12.35	33.18			

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5300MHz_TX

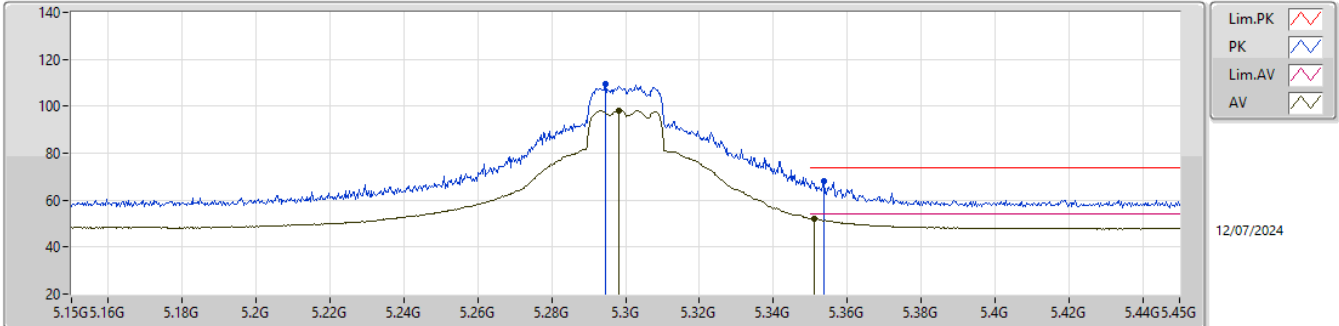


EUT_X_2TX
Setting 23
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.2964G	109.66	Inf	-Inf	103.54	3	Vertical	86	3.00	-	31.31	7.32	32.51			
AV	5.2922G	99.59	Inf	-Inf	93.46	3	Vertical	86	3.00	-	31.32	7.32	32.51			
PK	5.3576G	67.94	74.00	-6.06	61.66	3	Vertical	86	3.00	-	31.42	7.35	32.49			
AV	5.35G	52.48	54.00	-1.52	46.23	3	Vertical	86	3.00	-	31.40	7.35	32.50			

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

5300MHz_TX

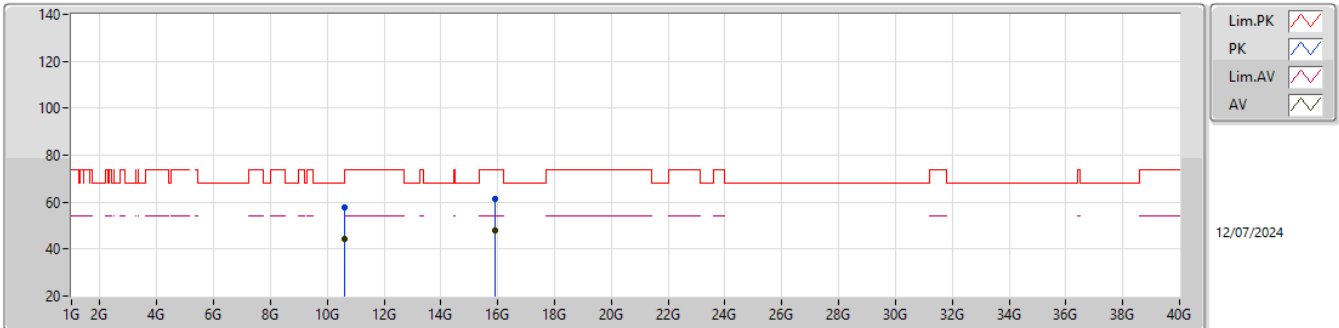


EUT_X_2TX
Setting 23
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.2946G	109.36	Inf	-Inf	103.24	3	Horizontal	34	1.80	-	31.31	7.32	32.51			
AV	5.2982G	98.34	Inf	-Inf	92.23	3	Horizontal	34	1.80	-	31.30	7.32	32.51			
PK	5.3537G	67.96	74.00	-6.04	61.70	3	Horizontal	34	1.80	-	31.41	7.35	32.50			
AV	5.351G	52.23	54.00	-1.77	45.98	3	Horizontal	34	1.80	-	31.40	7.35	32.50			

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

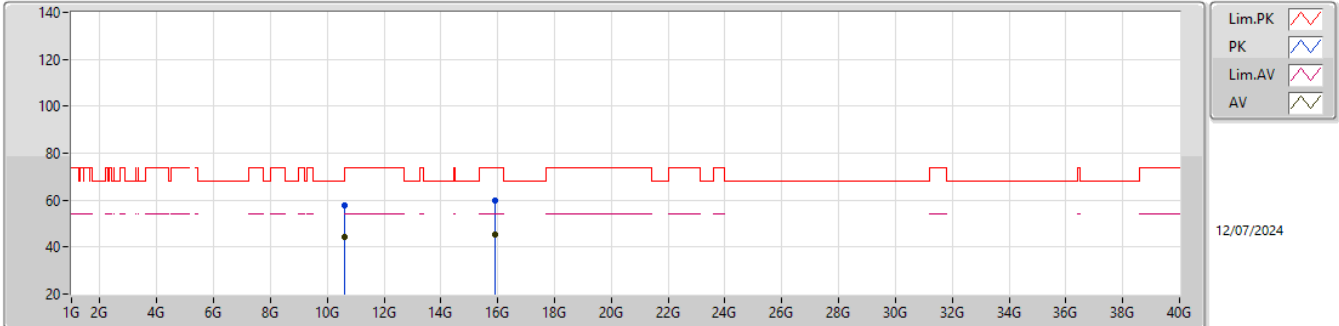
5300MHz_TX

EUT_Z_2TX
Setting 23
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.61398G	57.63	74.00	-16.37	41.67	3	Vertical	28	2.98	-	39.26	10.46	33.76			
AV	10.615G	44.38	54.00	-9.62	28.42	3	Vertical	28	2.98	-	39.26	10.46	33.76			
PK	15.89916G	61.14	74.00	-12.86	43.72	3	Vertical	223	3.00	-	38.00	12.40	32.98			
AV	15.89889G	47.85	54.00	-6.15	30.43	3	Vertical	223	3.00	-	38.00	12.40	32.98			

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5300MHz_TX

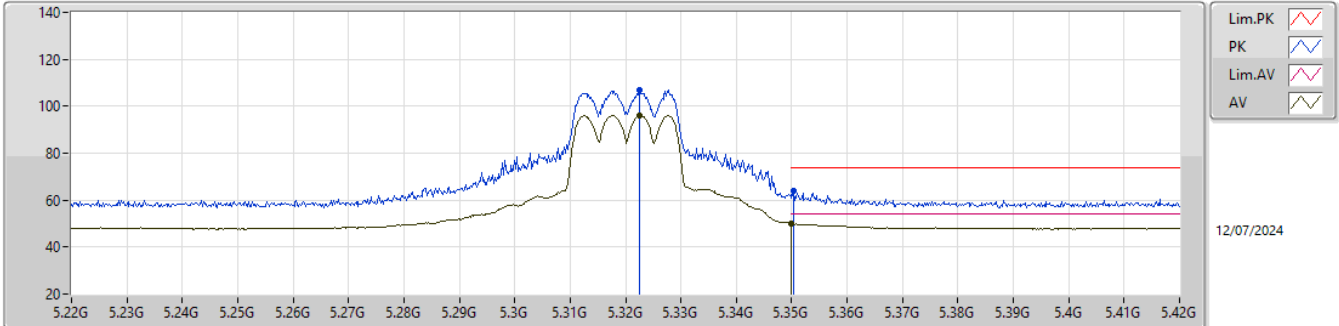


EUT_Z_2TX
Setting 23
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.60282G	57.82	74.00	-16.18	41.92	3	Horizontal	193	2.41	-	39.21	10.46	33.77			
AV	10.61494G	44.39	54.00	-9.61	28.43	3	Horizontal	193	2.41	-	39.26	10.46	33.76			
PK	15.8943G	59.75	74.00	-14.25	42.37	3	Horizontal	306	1.07	-	37.98	12.39	32.99			
AV	15.89073G	45.20	54.00	-8.80	27.85	3	Horizontal	306	1.07	-	37.96	12.39	33.00			

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TX

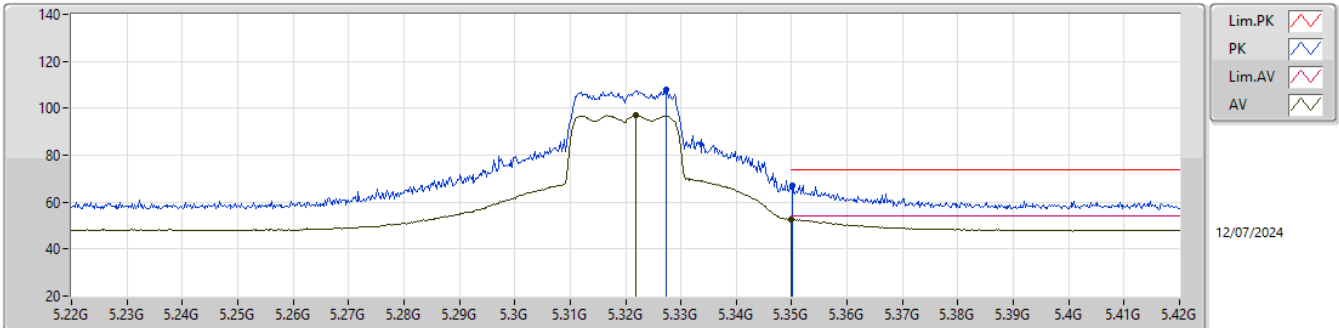


EUT_X_2TX
Setting 17
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.3226G	107.07	Inf	-Inf	100.88	3	Vertical	84	1.01	-	31.35	7.34	32.50			
AV	5.3226G	96.21	Inf	-Inf	90.02	3	Vertical	84	1.01	-	31.35	7.34	32.50			
PK	5.3504G	64.09	74.00	-9.91	57.84	3	Vertical	84	1.01	-	31.40	7.35	32.50			
AV	5.35G	49.94	54.00	-4.06	43.69	3	Vertical	84	1.01	-	31.40	7.35	32.50			

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

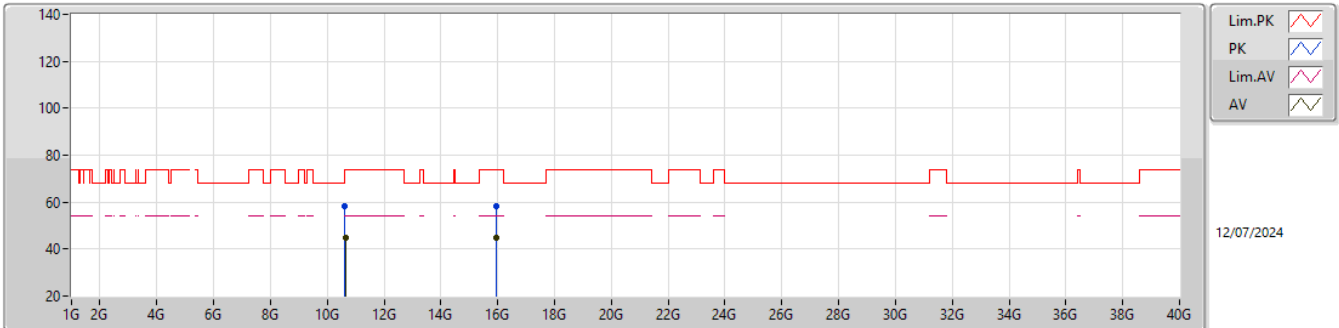
5320MHz_TX

EUT_X_2TX
Setting 17
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.3274G	107.71	Inf	-Inf	101.52	3	Horizontal	35	2.16	-	31.35	7.34	32.50			
AV	5.3218G	96.87	Inf	-Inf	90.70	3	Horizontal	35	2.16	-	31.34	7.33	32.50			
PK	5.3502G	67.31	74.00	-6.69	61.06	3	Horizontal	35	2.16	-	31.40	7.35	32.50			
AV	5.35G	52.61	54.00	-1.39	46.36	3	Horizontal	35	2.16	-	31.40	7.35	32.50			

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TX

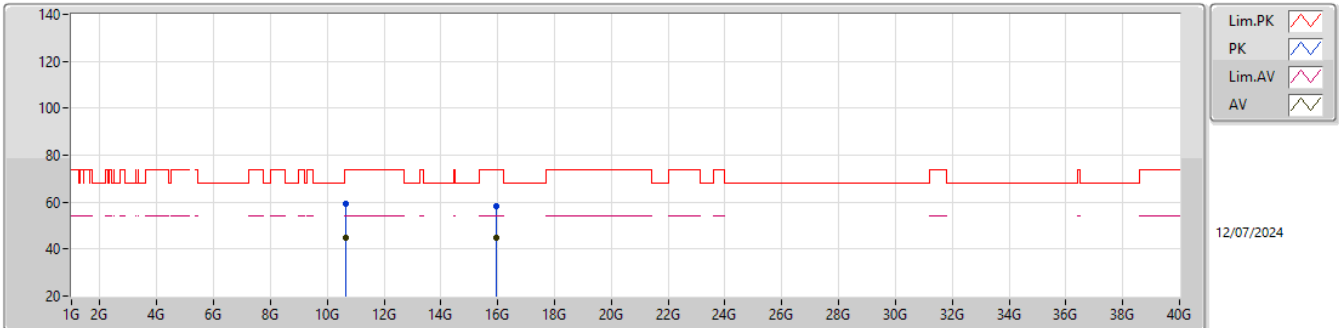


EUT_Z_2TX
Setting 17
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.62749G	58.16	74.00	-15.84	42.13	3	Vertical	63	2.73	-	39.31	10.47	33.75			
AV	10.63556G	44.83	54.00	-9.17	28.76	3	Vertical	63	2.73	-	39.34	10.47	33.74			
PK	15.95067G	58.31	74.00	-15.69	41.00	3	Vertical	98	2.18	-	37.80	12.41	32.90			
AV	15.94695G	45.03	54.00	-8.97	27.72	3	Vertical	98	2.18	-	37.81	12.41	32.91			

5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5320MHz_TX

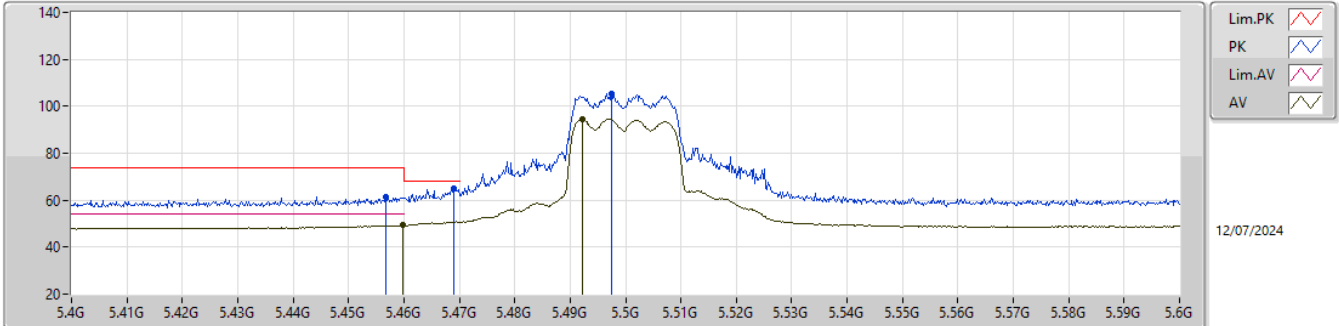


EUT_Z_2TX
Setting 17
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.65098G	59.17	74.00	-14.83	43.02	3	Horizontal	158	2.86	-	39.40	10.48	33.73			
AV	10.63364G	44.71	54.00	-9.29	28.66	3	Horizontal	158	2.86	-	39.33	10.47	33.75			
PK	15.96531G	58.02	74.00	-15.98	40.71	3	Horizontal	13	1.34	-	37.77	12.42	32.88			
AV	15.94581G	44.83	54.00	-9.17	27.51	3	Horizontal	13	1.34	-	37.82	12.41	32.91			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TX

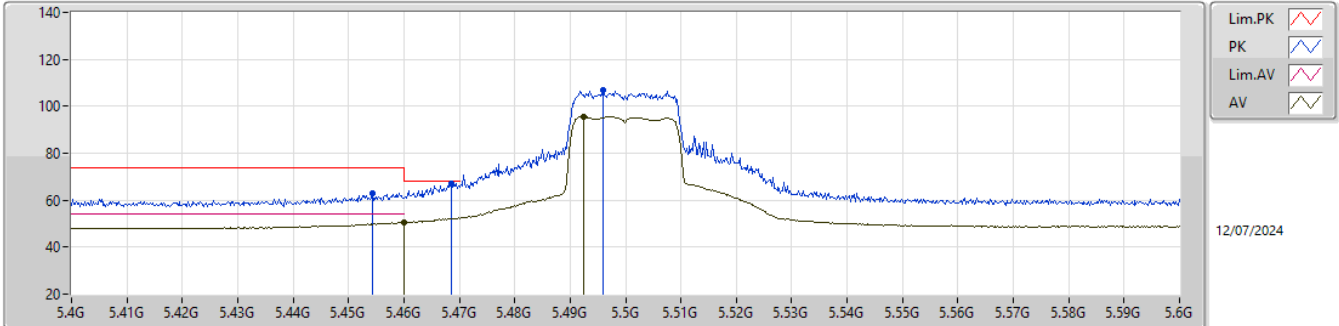


EUT_X_2TX
Setting 16
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4568G	61.31	74.00	-12.69	54.64	3	Vertical	86	2.97	-	31.73	7.41	32.47			
AV	5.4598G	49.40	54.00	-4.60	42.72	3	Vertical	86	2.97	-	31.74	7.41	32.47			
PK	5.469G	65.18	68.20	-3.02	58.45	3	Vertical	86	2.97	-	31.78	7.42	32.47			
PK	5.4974G	105.21	Inf	-Inf	98.34	3	Vertical	86	2.97	-	31.89	7.44	32.46			
AV	5.4922G	94.44	Inf	-Inf	87.59	3	Vertical	86	2.97	-	31.87	7.44	32.46			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TX

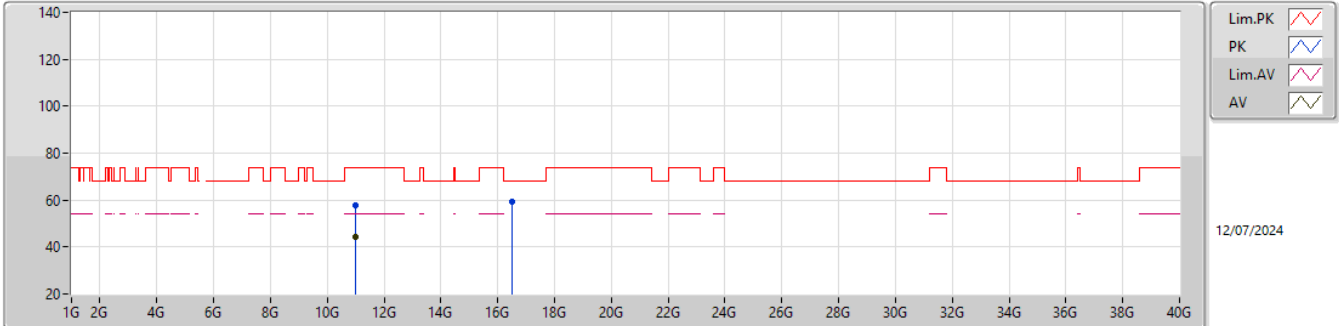


EUT_X_2TX
Setting 16
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4544G	63.14	74.00	-10.86	56.48	3	Horizontal	36	2.17	-	31.72	7.41	32.47			
AV	5.46G	50.50	54.00	-3.50	43.81	3	Horizontal	36	2.17	-	31.74	7.42	32.47			
PK	5.4686G	67.11	68.20	-1.09	60.39	3	Horizontal	36	2.17	-	31.77	7.42	32.47			
PK	5.496G	106.79	Inf	-Inf	99.93	3	Horizontal	36	2.17	-	31.88	7.44	32.46			
AV	5.4924G	95.52	Inf	-Inf	88.67	3	Horizontal	36	2.17	-	31.87	7.44	32.46			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5500MHz_TX

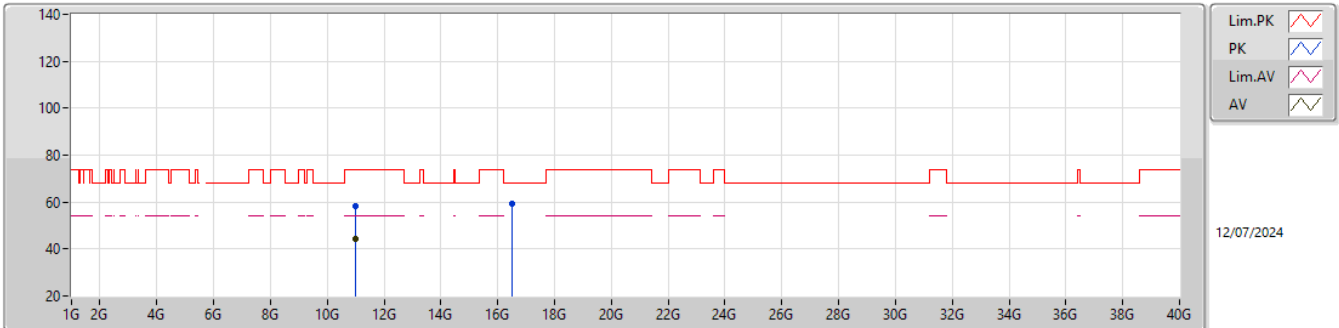


EUT_Z_2TX
Setting 16
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.9904G	57.80	74.00	-16.20	41.72	3	Vertical	66	1.57	-	38.92	10.63	33.47			
AV	11.01401G	44.11	54.00	-9.89	27.99	3	Vertical	66	1.57	-	38.93	10.64	33.45			
PK	16.49661G	59.31	68.20	-8.89	41.21	3	Vertical	330	2.02	-	38.59	12.66	33.15			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

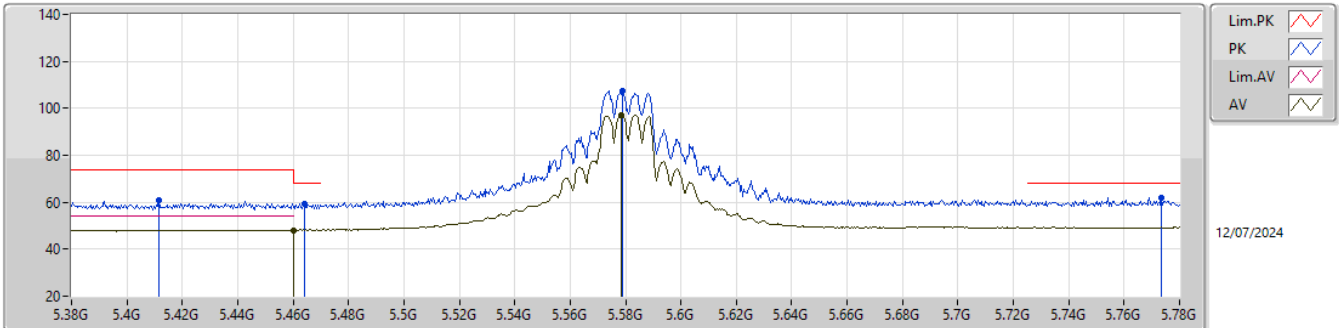
5500MHz_TX

EUT_Z_2TX
Setting 16
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.98863G	58.44	74.00	-15.56	42.37	3	Horizontal	62	2.93	-	38.92	10.62	33.47			
AV	11.01425G	44.24	54.00	-9.76	28.12	3	Horizontal	62	2.93	-	38.93	10.64	33.45			
PK	16.49544G	59.28	68.20	-8.92	41.18	3	Horizontal	164	2.51	-	38.59	12.66	33.15			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TX

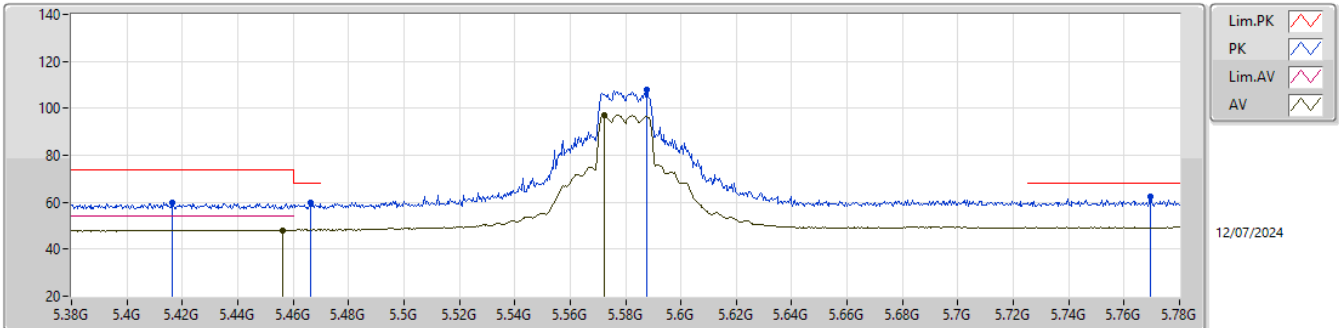


EUT X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4116G	60.66	74.00	-13.34	54.21	3	Vertical	93	1.80	-	31.55	7.38	32.48			
PK	5.464G	59.27	68.20	-8.93	52.56	3	Vertical	93	1.80	-	31.76	7.42	32.47			
AV	5.46G	48.17	54.00	-5.83	41.48	3	Vertical	93	1.80	-	31.74	7.42	32.47			
PK	5.5788G	107.36	Inf	-Inf	100.58	3	Vertical	93	1.80	-	31.74	7.50	32.46			
AV	5.5784G	97.19	Inf	-Inf	90.41	3	Vertical	93	1.80	-	31.74	7.50	32.46			
PK	5.7736G	62.06	68.20	-6.14	54.79	3	Vertical	93	1.80	-	32.15	7.57	32.45			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5580MHz_TX

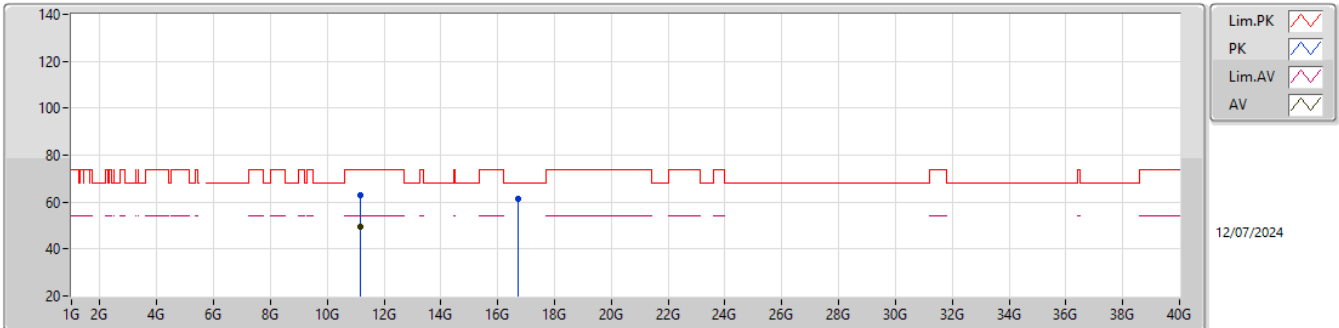


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4164G	59.87	74.00	-14.13	53.40	3	Horizontal	32	1.80	-	31.57	7.38	32.48			
PK	5.4664G	59.89	68.20	-8.31	53.17	3	Horizontal	32	1.80	-	31.77	7.42	32.47			
AV	5.4564G	48.16	54.00	-5.84	41.49	3	Horizontal	32	1.80	-	31.73	7.41	32.47			
PK	5.5876G	107.81	Inf	-Inf	101.04	3	Horizontal	32	1.80	-	31.72	7.51	32.46			
AV	5.5724G	97.21	Inf	-Inf	90.41	3	Horizontal	32	1.80	-	31.76	7.50	32.46			
PK	5.7696G	62.19	68.20	-6.01	54.93	3	Horizontal	32	1.80	-	32.14	7.57	32.45			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

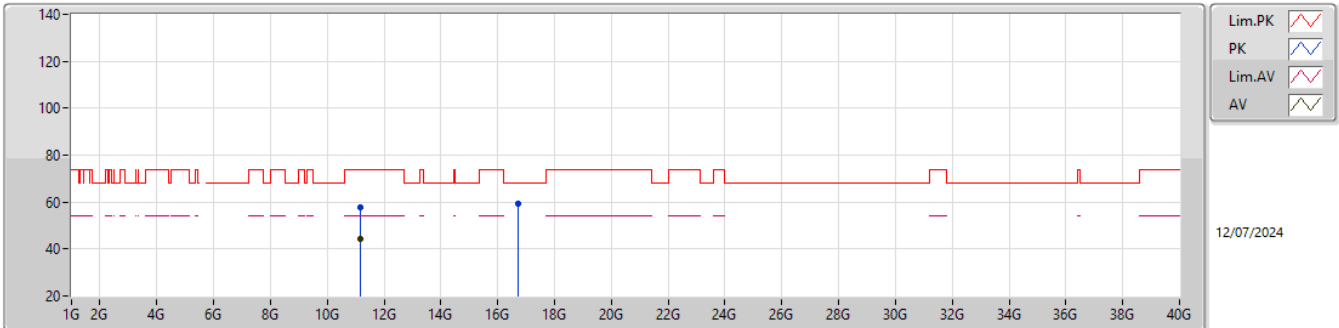
5580MHz_TX

EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.15865G	62.83	74.00	-11.17	46.55	3	Vertical	360	2.95	-	38.90	10.70	33.32			
AV	11.15886G	49.72	54.00	-4.28	33.44	3	Vertical	360	2.95	-	38.90	10.70	33.32			
PK	16.73958G	61.38	68.20	-6.82	43.32	3	Vertical	92	2.94	-	38.24	12.77	32.95			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

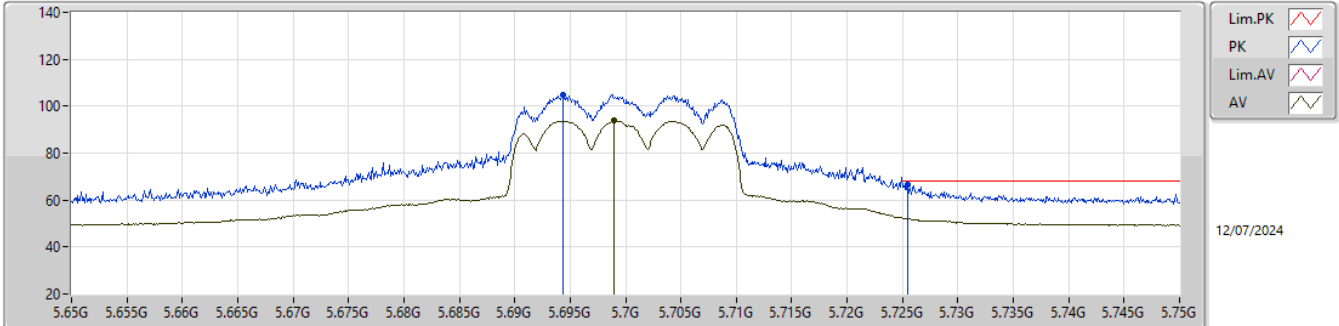
5580MHz_TX

EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.16423G	57.94	74.00	-16.06	41.65	3	Horizontal	91	2.69	-	38.90	10.70	33.31			
AV	11.15898G	44.35	54.00	-9.65	28.07	3	Horizontal	91	2.69	-	38.90	10.70	33.32			
PK	16.73031G	59.37	68.20	-8.83	41.28	3	Horizontal	358	2.52	-	38.28	12.77	32.96			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TX

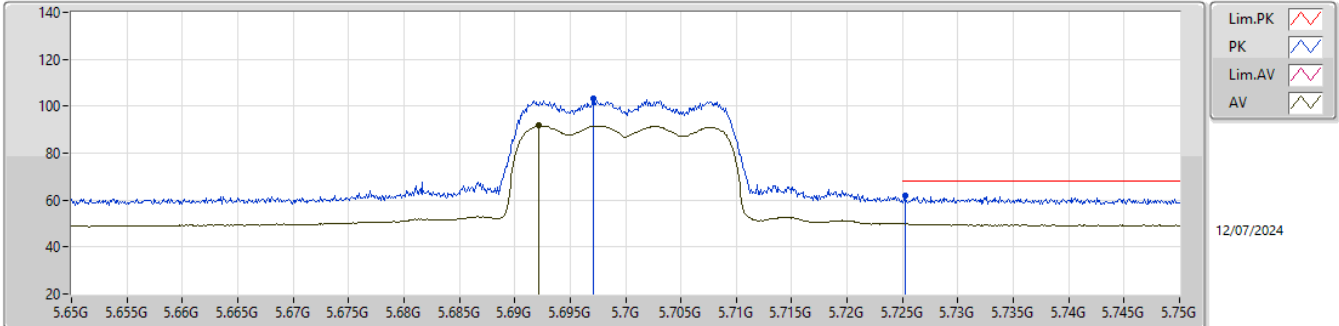


EUT_X_2TX
Setting 19
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6944G	105.08	Inf	-Inf	98.00	3	Vertical	85	2.50	-	31.98	7.55	32.45			
AV	5.699G	93.79	Inf	-Inf	86.69	3	Vertical	85	2.50	-	32.00	7.55	32.45			
PK	5.7255G	66.31	68.20	-1.89	59.15	3	Vertical	85	2.50	-	32.05	7.56	32.45			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TX

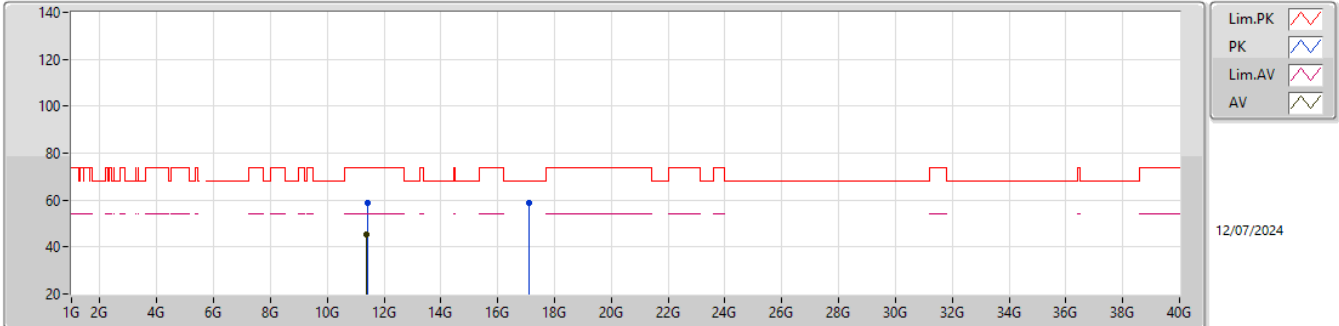


EUT_X_2TX
Setting 19
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6971G	103.13	Inf	-Inf	96.04	3	Horizontal	33	1.80	-	31.99	7.55	32.45			
AV	5.6922G	91.66	Inf	-Inf	84.59	3	Horizontal	33	1.80	-	31.97	7.55	32.45			
PK	5.7252G	61.67	68.20	-6.53	54.51	3	Horizontal	33	1.80	-	32.05	7.56	32.45			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

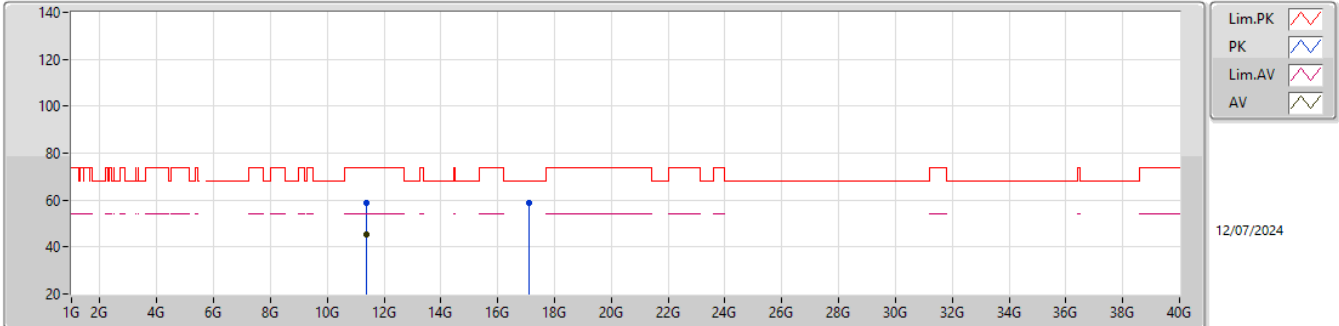
5700MHz_TX

EUT_Z_2TX
Setting 19
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.40942G	58.63	74.00	-15.37	41.73	3	Vertical	339	2.57	-	39.18	10.81	33.09			
AV	11.39181G	45.54	54.00	-8.46	28.65	3	Vertical	339	2.57	-	39.20	10.80	33.11			
PK	17.10882G	58.89	68.20	-9.31	40.47	3	Vertical	191	2.41	-	38.32	12.95	32.85			

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5700MHz_TX

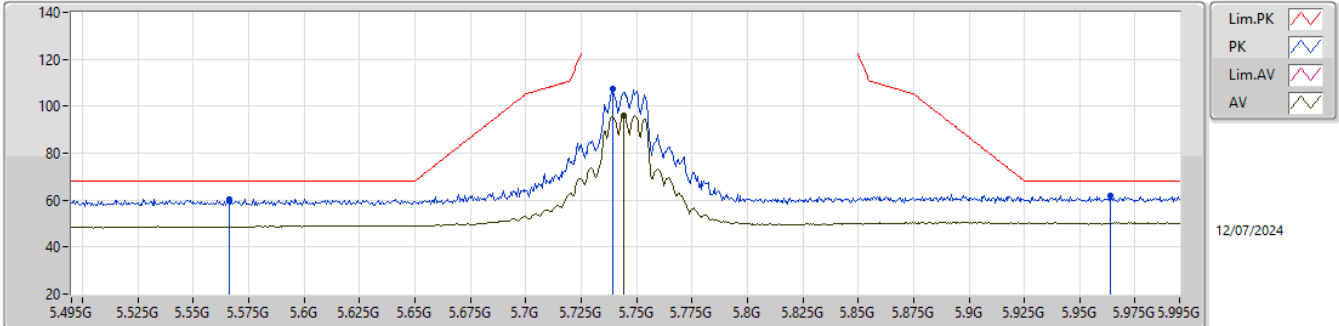


EUT_Z_2TX
Setting 19
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.39667G	58.85	74.00	-15.15	41.95	3	Horizontal	228	2.11	-	39.20	10.80	33.10			
AV	11.39778G	45.55	54.00	-8.45	28.64	3	Horizontal	228	2.11	-	39.20	10.81	33.10			
PK	17.09904G	58.87	68.20	-9.33	40.47	3	Horizontal	52	1.69	-	38.30	12.94	32.84			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX

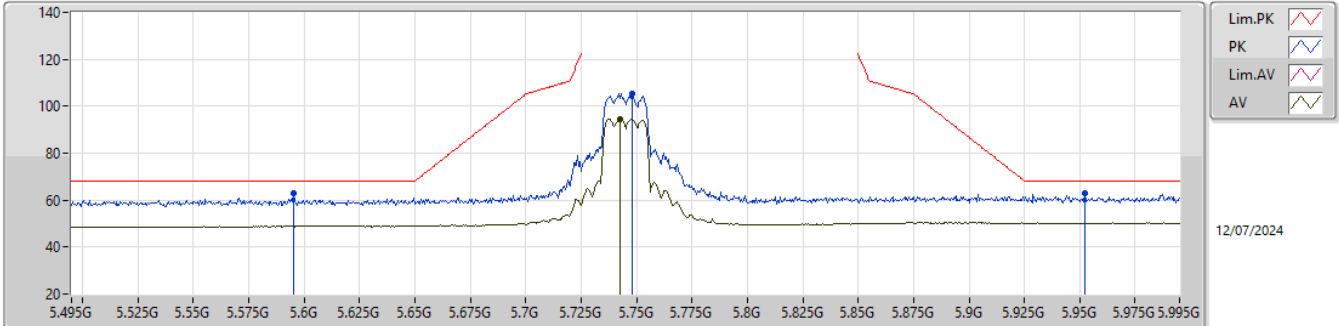


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.566G	60.52	68.20	-7.68	53.72	3	Vertical	85	2.30	-	31.77	7.49	32.46			
PK	5.7395G	107.38	Inf	-Inf	100.19	3	Vertical	85	2.30	-	32.08	7.56	32.45			
AV	5.744G	96.09	Inf	-Inf	88.89	3	Vertical	85	2.30	-	32.09	7.56	32.45			
PK	5.964G	61.89	68.20	-6.31	54.24	3	Vertical	85	2.30	-	32.43	7.66	32.44			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5745MHz_TX

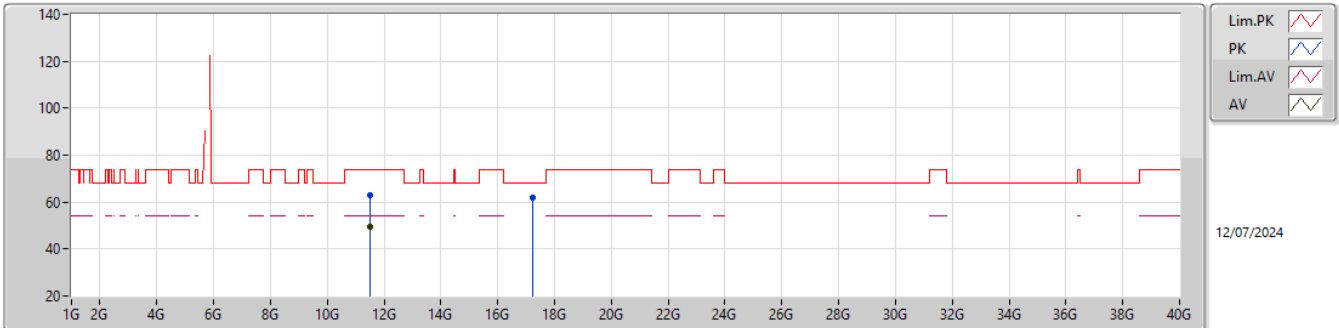


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.595G	62.91	68.20	-5.29	56.14	3	Horizontal	33	1.80	-	31.71	7.52	32.46			
PK	5.748G	105.50	Inf	-Inf	98.29	3	Horizontal	33	1.80	-	32.10	7.56	32.45			
AV	5.7425G	94.71	Inf	-Inf	87.51	3	Horizontal	33	1.80	-	32.09	7.56	32.45			
PK	5.9525G	62.88	68.20	-5.32	55.25	3	Horizontal	33	1.80	-	32.41	7.66	32.44			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

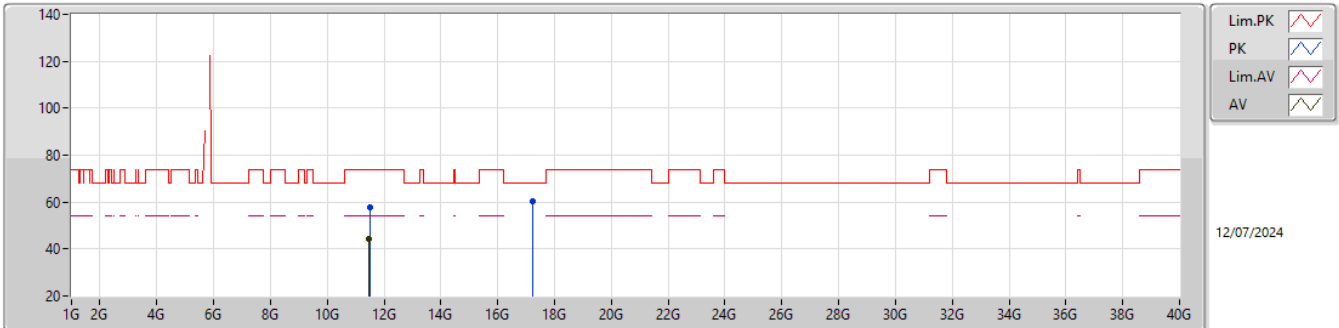
5745MHz_TX

EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.48859G	63.10	74.00	-10.90	46.26	3	Vertical	184	2.28	-	39.02	10.84	33.02			
AV	11.48823G	49.28	54.00	-4.72	32.44	3	Vertical	184	2.28	-	39.02	10.84	33.02			
PK	17.24577G	62.09	68.20	-6.11	43.30	3	Vertical	344	2.33	-	38.78	13.01	33.00			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

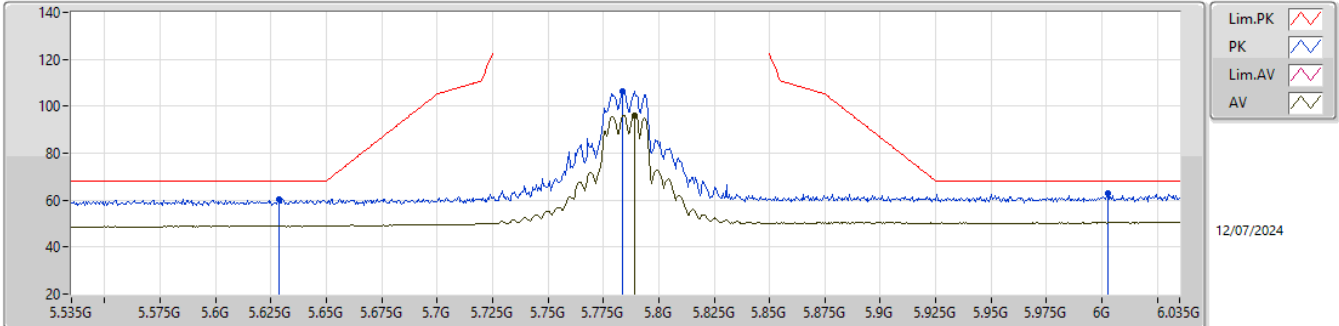
5745MHz_TX

EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.50497G	57.91	74.00	-16.09	41.09	3	Horizontal	2	1.38	-	38.98	10.85	33.01			
AV	11.4807G	44.55	54.00	-9.45	27.70	3	Horizontal	2	1.38	-	39.04	10.84	33.03			
PK	17.2305G	60.09	68.20	-8.11	41.35	3	Horizontal	196	2.10	-	38.72	13.00	32.98			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

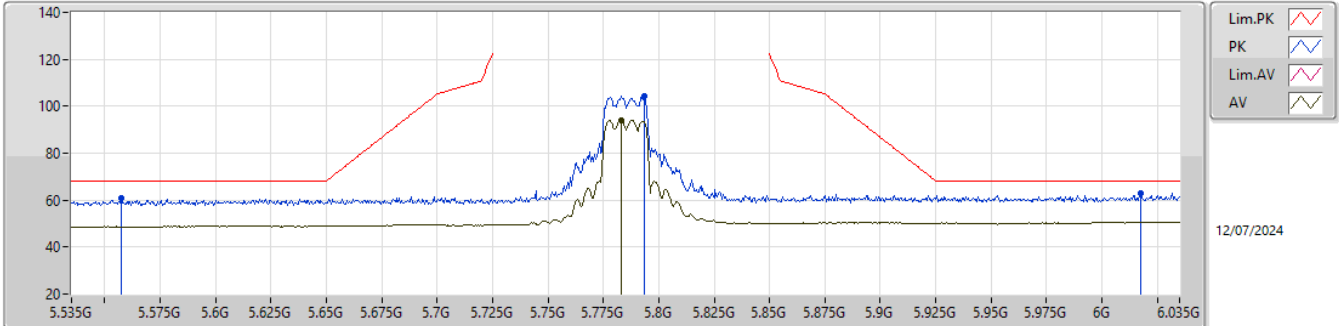


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6285G	60.29	68.20	-7.91	53.45	3	Vertical	84	2.17	-	31.76	7.53	32.45			
PK	5.7835G	106.39	Inf	-Inf	99.09	3	Vertical	84	2.17	-	32.17	7.58	32.45			
AV	5.789G	96.08	Inf	-Inf	88.77	3	Vertical	84	2.17	-	32.18	7.58	32.45			
PK	6.0025G	62.71	68.20	-5.49	54.96	3	Vertical	84	2.17	-	32.51	7.68	32.44			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

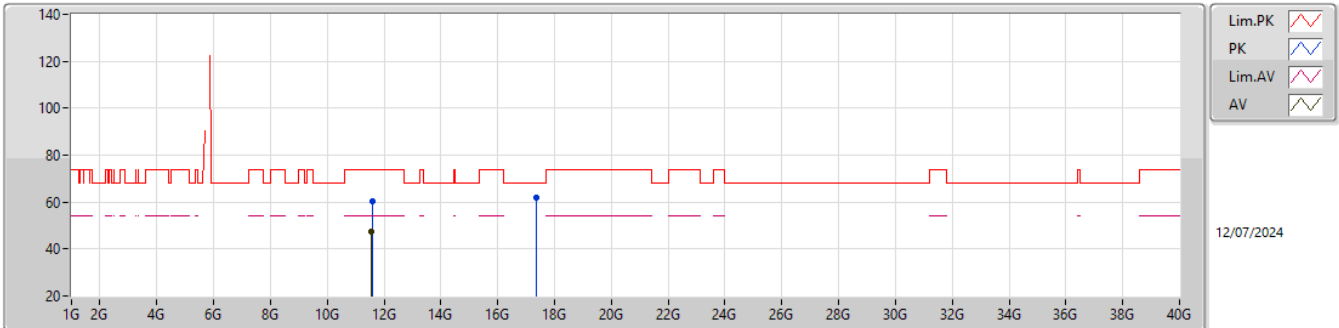


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.5575G	60.81	68.20	-7.39	53.99	3	Horizontal	32	1.80	-	31.79	7.49	32.46			
PK	5.7935G	104.36	Inf	-Inf	97.04	3	Horizontal	32	1.80	-	32.19	7.58	32.45			
AV	5.783G	93.98	Inf	-Inf	86.69	3	Horizontal	32	1.80	-	32.17	7.57	32.45			
PK	6.0175G	62.89	68.20	-5.31	55.11	3	Horizontal	32	1.80	-	32.54	7.68	32.44			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5785MHz_TX

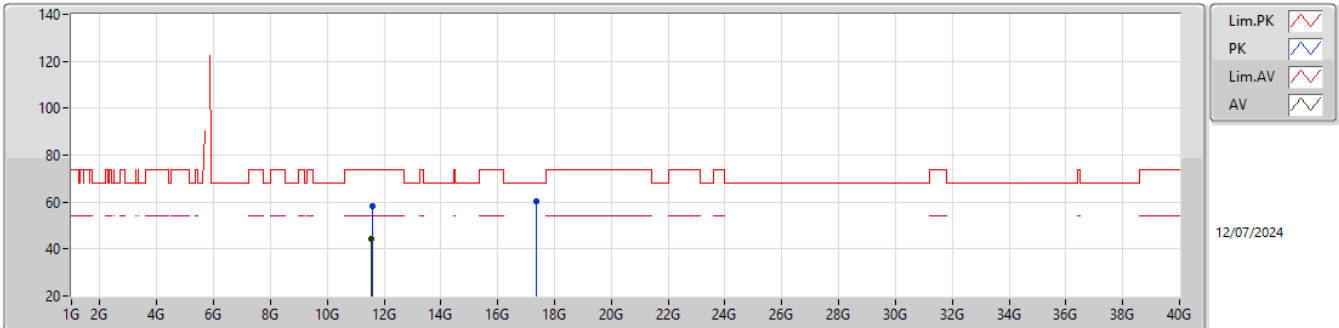


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.57387G	60.49	74.00	-13.51	43.99	3	Vertical	168	2.22	-	38.70	10.88	33.08			
AV	11.56847G	47.25	54.00	-6.75	30.71	3	Vertical	168	2.22	-	38.73	10.88	33.07			
PK	17.36013G	61.90	68.20	-6.30	42.93	3	Vertical	209	1.99	-	39.02	13.06	33.11			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

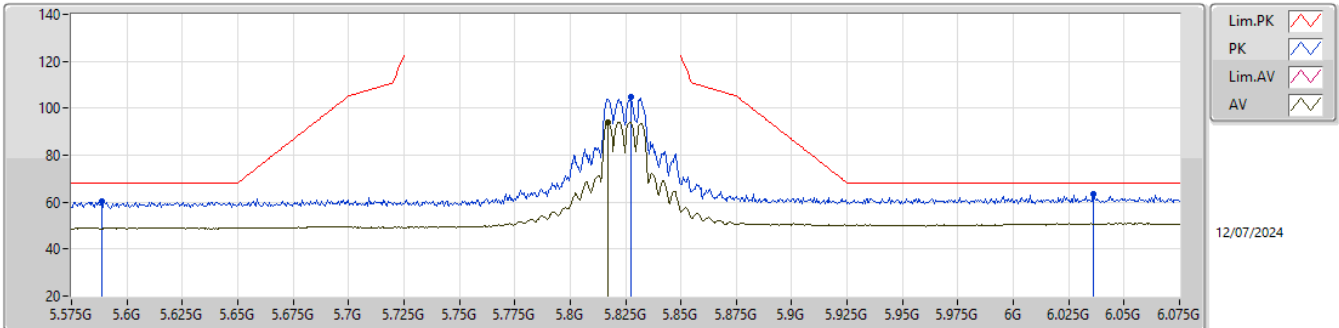
5785MHz_TX

EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.58266G	58.08	74.00	-15.92	41.60	3	Horizontal	110	1.20	-	38.67	10.89	33.08			
AV	11.56448G	44.32	54.00	-9.68	27.77	3	Horizontal	110	1.20	-	38.74	10.88	33.07			
PK	17.34888G	60.26	68.20	-7.94	41.30	3	Horizontal	335	1.96	-	39.00	13.06	33.10			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

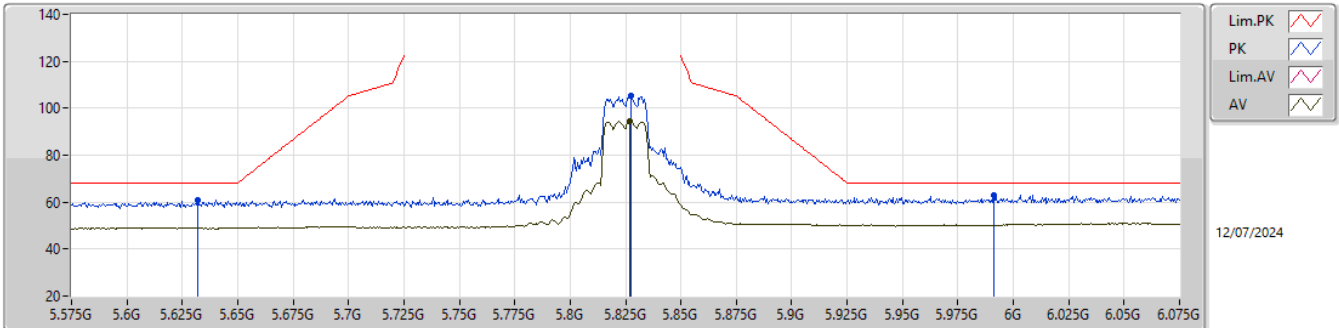
5825MHz_TX

EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.5885G	60.14	68.20	-8.06	53.37	3	Vertical	110	1.80	-	31.72	7.51	32.46			
PK	5.8275G	104.58	Inf	-Inf	97.24	3	Vertical	110	1.80	-	32.20	7.59	32.45			
AV	5.817G	93.96	Inf	-Inf	86.62	3	Vertical	110	1.80	-	32.20	7.59	32.45			
PK	6.036G	63.46	68.20	-4.74	55.64	3	Vertical	110	1.80	-	32.57	7.69	32.44			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX

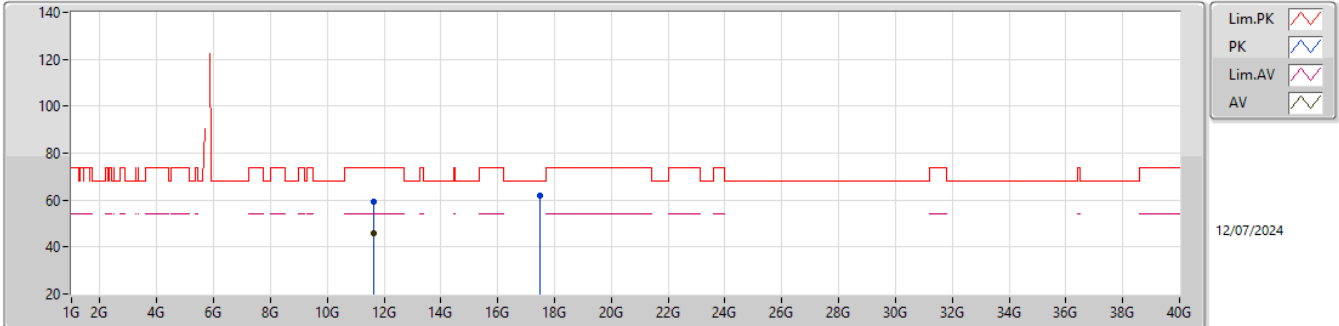


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.632G	60.96	68.20	-7.24	54.12	3	Horizontal	34	2.22	-	31.76	7.53	32.45			
PK	5.8275G	105.24	Inf	-Inf	97.90	3	Horizontal	34	2.22	-	32.20	7.59	32.45			
AV	5.827G	94.37	Inf	-Inf	87.03	3	Horizontal	34	2.22	-	32.20	7.59	32.45			
PK	5.991G	63.09	68.20	-5.11	55.37	3	Horizontal	34	2.22	-	32.48	7.68	32.44			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

5825MHz_TX

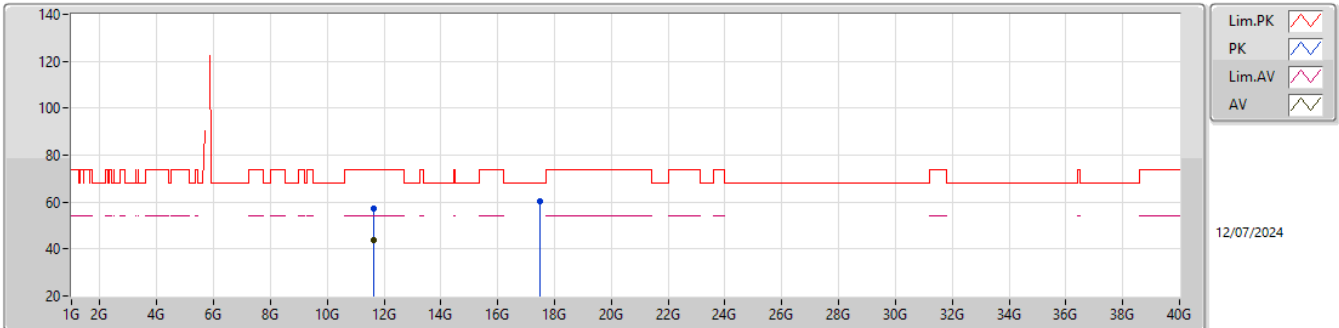


EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.64919G	59.43	74.00	-14.57	43.15	3	Vertical	193	2.19	-	38.50	10.92	33.14			
AV	11.6485G	45.62	54.00	-8.38	29.34	3	Vertical	193	2.19	-	38.50	10.92	33.14			
PK	17.48478G	61.72	68.20	-6.48	42.74	3	Vertical	345	2.01	-	39.10	13.12	33.24			

5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

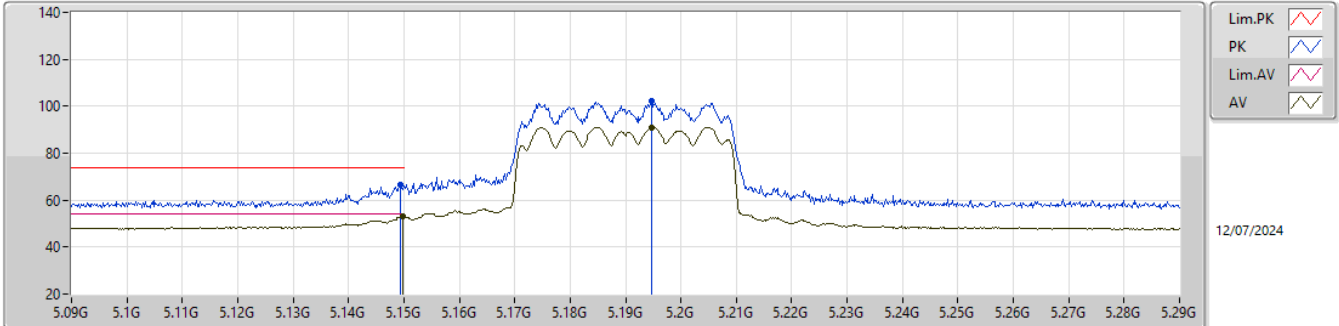
5825MHz_TX

EUT_Z_2TX
Setting 24
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.63806G	57.07	74.00	-16.93	40.77	3	Horizontal	276	2.45	-	38.52	10.91	33.13			
AV	11.65243G	43.84	54.00	-10.16	27.56	3	Horizontal	276	2.45	-	38.50	10.92	33.14			
PK	17.47476G	60.36	68.20	-7.84	41.37	3	Horizontal	29	1.00	-	39.10	13.12	33.23			

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

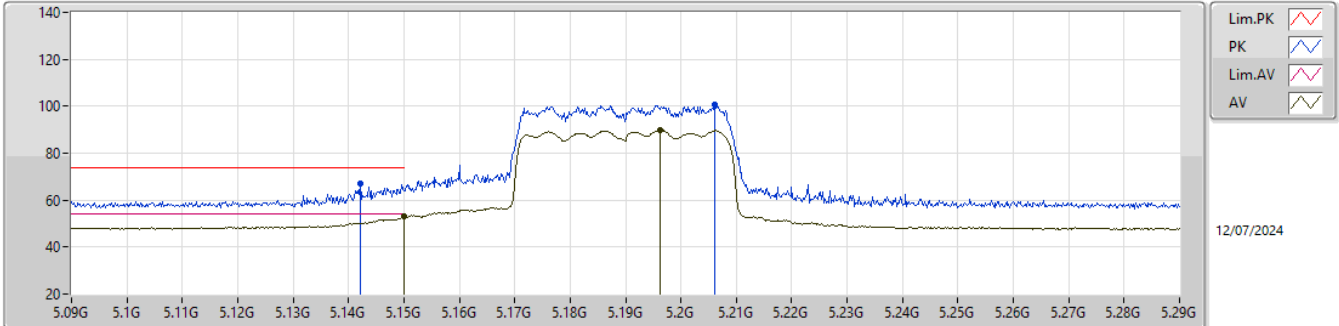


EUT_X_2TX
Setting 14
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1494G	66.65	74.00	-7.35	59.85	3	Vertical	84	3.00	-	32.10	7.24	32.54			
AV	5.1498G	52.89	54.00	-1.11	46.09	3	Vertical	84	3.00	-	32.10	7.24	32.54			
PK	5.1948G	102.35	Inf	-Inf	95.77	3	Vertical	84	3.00	-	31.83	7.28	32.53			
AV	5.1948G	90.96	Inf	-Inf	84.38	3	Vertical	84	3.00	-	31.83	7.28	32.53			

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

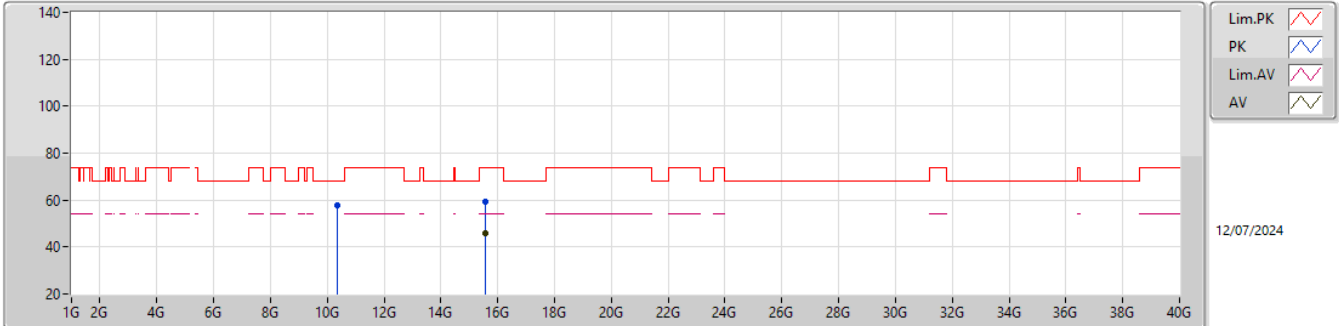


EUT_X_2TX
Setting 14
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1422G	67.19	74.00	-6.81	60.44	3	Horizontal	34	1.80	-	32.07	7.23	32.55			
AV	5.15G	52.90	54.00	-1.10	46.10	3	Horizontal	34	1.80	-	32.10	7.24	32.54			
PK	5.2062G	100.78	Inf	-Inf	94.28	3	Horizontal	34	1.80	-	31.75	7.28	32.53			
AV	5.1962G	89.87	Inf	-Inf	83.30	3	Horizontal	34	1.80	-	31.82	7.28	32.53			

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

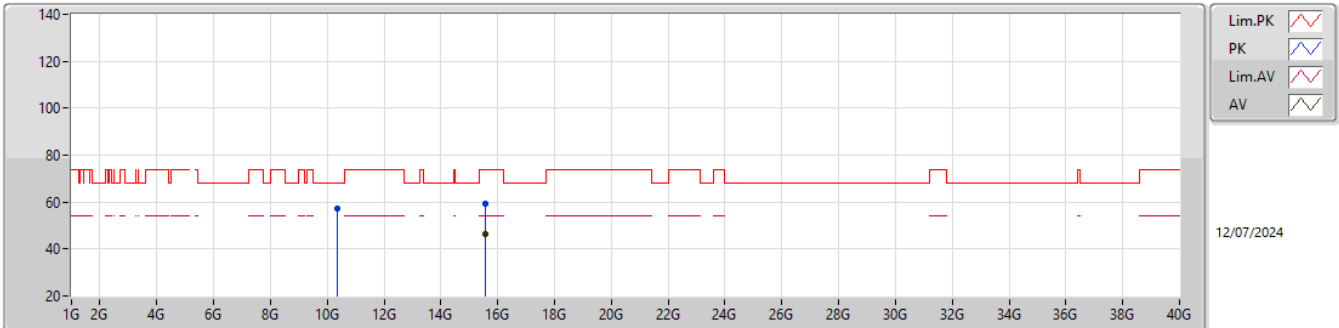


EUT_Z_2TX
Setting 14
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.3668G	57.74	68.20	-10.46	42.04	3	Vertical	159	1.27	-	38.97	10.35	33.62			
PK	15.57888G	59.28	74.00	-14.72	42.18	3	Vertical	288	2.58	-	38.28	12.29	33.47			
AV	15.56322G	46.09	54.00	-7.91	28.95	3	Vertical	288	2.58	-	38.35	12.28	33.49			

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

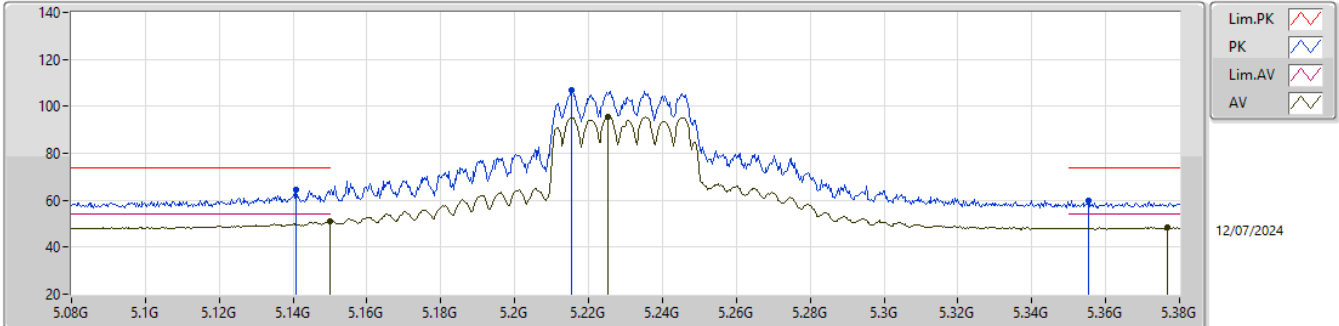


EUT_Z_2TX
Setting 14
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.37304G	57.01	68.20	-11.19	41.34	3	Horizontal	88	2.79	-	38.95	10.35	33.63			
PK	15.56853G	59.45	74.00	-14.55	42.32	3	Horizontal	108	2.69	-	38.33	12.29	33.49			
AV	15.55902G	46.14	54.00	-7.86	29.00	3	Horizontal	108	2.69	-	38.36	12.28	33.50			

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

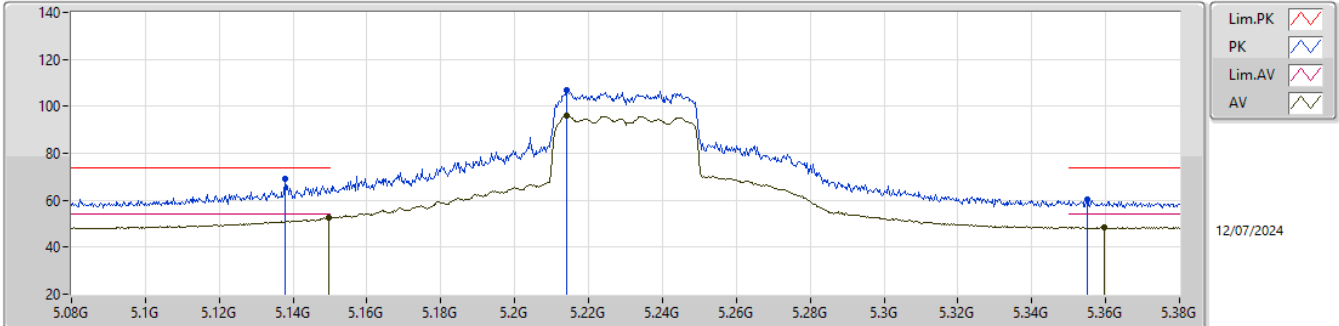


EUT_X_2TX
Setting 19
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1409G	64.29	74.00	-9.71	57.55	3	Vertical	96	1.00	-	32.06	7.23	32.55			
AV	5.1499G	51.02	54.00	-2.98	44.22	3	Vertical	96	1.00	-	32.10	7.24	32.54			
PK	5.2153G	106.83	Inf	-Inf	100.39	3	Vertical	96	1.00	-	31.68	7.29	32.53			
AV	5.2252G	95.55	Inf	-Inf	89.19	3	Vertical	96	1.00	-	31.60	7.29	32.53			
PK	5.3554G	59.67	74.00	-14.33	53.40	3	Vertical	96	1.00	-	31.41	7.35	32.49			
AV	5.3767G	48.45	54.00	-5.55	42.13	3	Vertical	96	1.00	-	31.45	7.36	32.49			

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

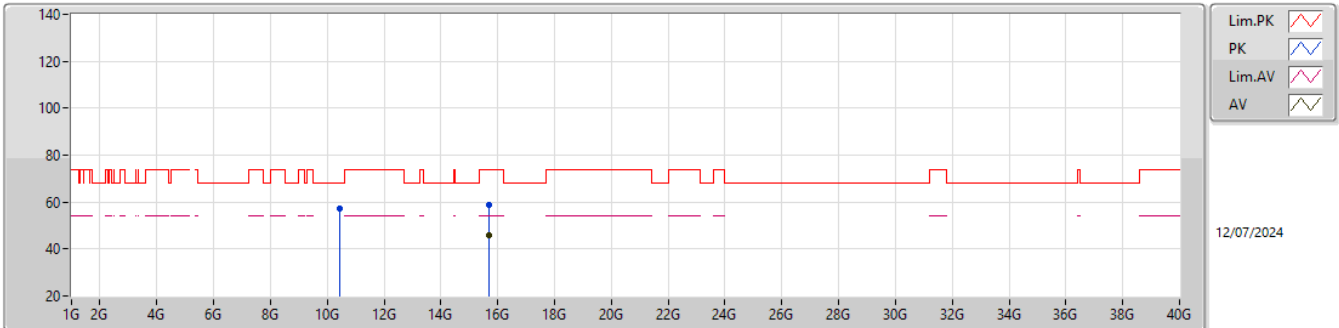


EUT_X_2TX
Setting 19
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1379G	68.92	74.00	-5.08	62.19	3	Horizontal	34	2.18	-	32.05	7.23	32.55			
AV	5.1496G	52.36	54.00	-1.64	45.56	3	Horizontal	34	2.18	-	32.10	7.24	32.54			
PK	5.2141G	106.76	Inf	-Inf	100.31	3	Horizontal	34	2.18	-	31.69	7.29	32.53			
AV	5.2141G	96.23	Inf	-Inf	89.78	3	Horizontal	34	2.18	-	31.69	7.29	32.53			
PK	5.3551G	60.59	74.00	-13.41	54.32	3	Horizontal	34	2.18	-	31.41	7.35	32.49			
AV	5.3596G	48.52	54.00	-5.48	42.24	3	Horizontal	34	2.18	-	31.42	7.35	32.49			

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

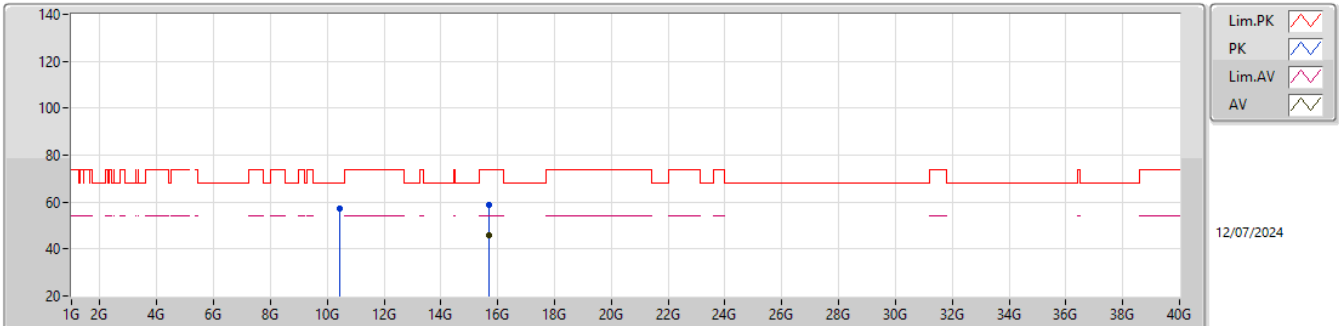


EUT_Z_2TX
Setting 19
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.45355G	57.15	68.20	-11.05	41.64	3	Vertical	33	2.73	-	38.89	10.39	33.77			
PK	15.6792G	58.88	74.00	-15.12	41.86	3	Vertical	50	2.23	-	38.02	12.32	33.32			
AV	15.69171G	46.08	54.00	-7.92	28.98	3	Vertical	50	2.23	-	38.07	12.33	33.30			

5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

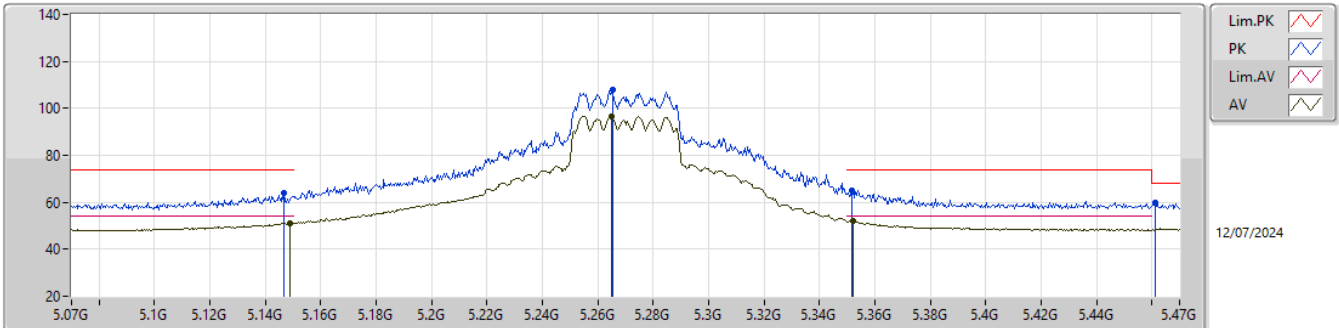


EUT_Z_2TX
Setting 19
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.45562G	57.06	68.20	-11.14	41.55	3	Horizontal	113	2.75	-	38.89	10.39	33.77			
PK	15.6936G	58.76	74.00	-15.24	41.66	3	Horizontal	103	2.35	-	38.07	12.33	33.30			
AV	15.69129G	45.68	54.00	-8.32	28.58	3	Horizontal	103	2.35	-	38.07	12.33	33.30			

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

5270MHz_TX

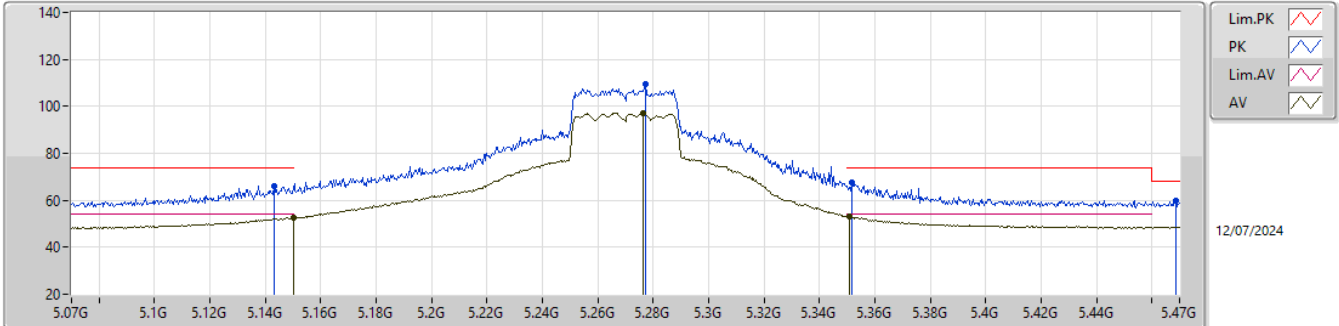


EUT_X_2TX
Setting 21
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1468G	63.89	74.00	-10.11	57.11	3	Vertical	85	3.00	-	32.09	7.23	32.54			
AV	5.1488G	51.01	54.00	-2.99	44.21	3	Vertical	85	3.00	-	32.10	7.24	32.54			
PK	5.2652G	107.76	Inf	-Inf	101.60	3	Vertical	85	3.00	-	31.37	7.31	32.52			
AV	5.2648G	96.76	Inf	-Inf	90.60	3	Vertical	85	3.00	-	31.37	7.31	32.52			
PK	5.3516G	64.94	74.00	-9.06	58.69	3	Vertical	85	3.00	-	31.40	7.35	32.50			
AV	5.352G	51.96	54.00	-2.04	45.71	3	Vertical	85	3.00	-	31.40	7.35	32.50			
PK	5.4612G	59.90	68.20	-8.30	53.21	3	Vertical	85	3.00	-	31.74	7.42	32.47			

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TX

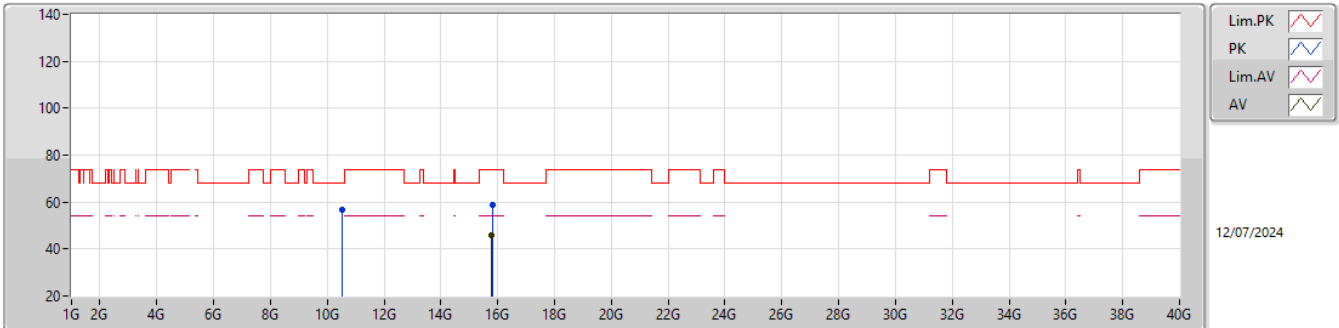


EUT_X_2TX
Setting 21
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1432G	66.19	74.00	-7.81	59.44	3	Horizontal	30	2.16	-	32.07	7.23	32.55			
AV	5.15G	52.50	54.00	-1.50	45.70	3	Horizontal	30	2.16	-	32.10	7.24	32.54			
PK	5.2772G	109.50	Inf	-Inf	103.35	3	Horizontal	30	2.16	-	31.35	7.31	32.51			
AV	5.2764G	97.28	Inf	-Inf	91.13	3	Horizontal	30	2.16	-	31.35	7.31	32.51			
PK	5.3516G	67.82	74.00	-6.18	61.57	3	Horizontal	30	2.16	-	31.40	7.35	32.50			
AV	5.3508G	52.99	54.00	-1.01	46.74	3	Horizontal	30	2.16	-	31.40	7.35	32.50			
PK	5.4688G	59.68	68.20	-8.52	52.95	3	Horizontal	30	2.16	-	31.78	7.42	32.47			

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

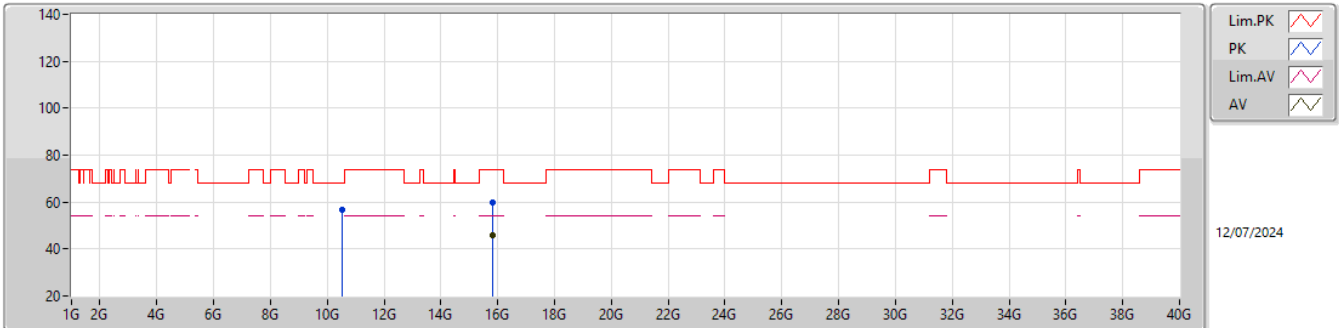
5270MHz_TX

EUT_Z_2TX
Setting 21
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.53256G	56.85	68.20	-11.35	41.38	3	Vertical	36	1.59	-	38.87	10.42	33.82			
PK	15.80655G	58.59	74.00	-15.41	41.45	3	Vertical	341	1.03	-	37.89	12.37	33.12			
AV	15.80055G	45.79	54.00	-8.21	28.66	3	Vertical	341	1.03	-	37.90	12.36	33.13			

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz_TX

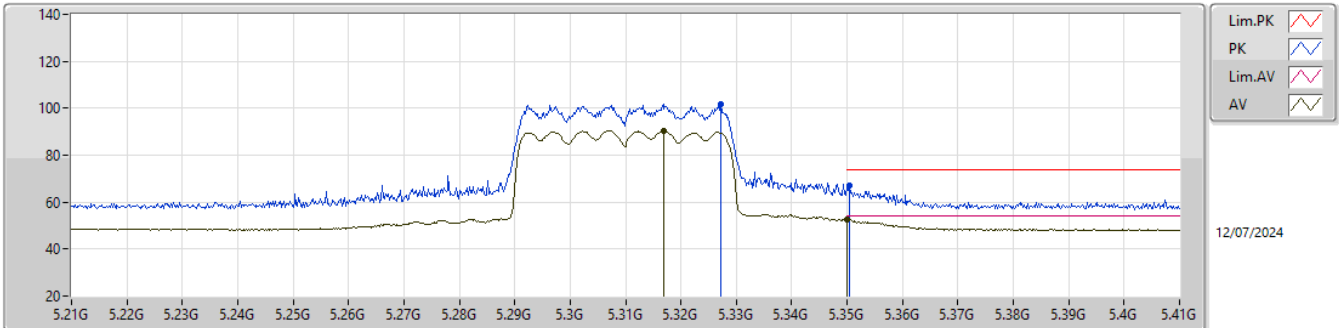


EUT_Z_2TX
Setting 21
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.53637G	56.81	68.20	-11.39	41.33	3	Horizontal	127	1.48	-	38.87	10.43	33.82			
PK	15.81258G	59.75	74.00	-14.25	42.62	3	Horizontal	112	2.34	-	37.87	12.37	33.11			
AV	15.82491G	45.82	54.00	-8.18	28.70	3	Horizontal	112	2.34	-	37.85	12.37	33.10			

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

5310MHz_TX

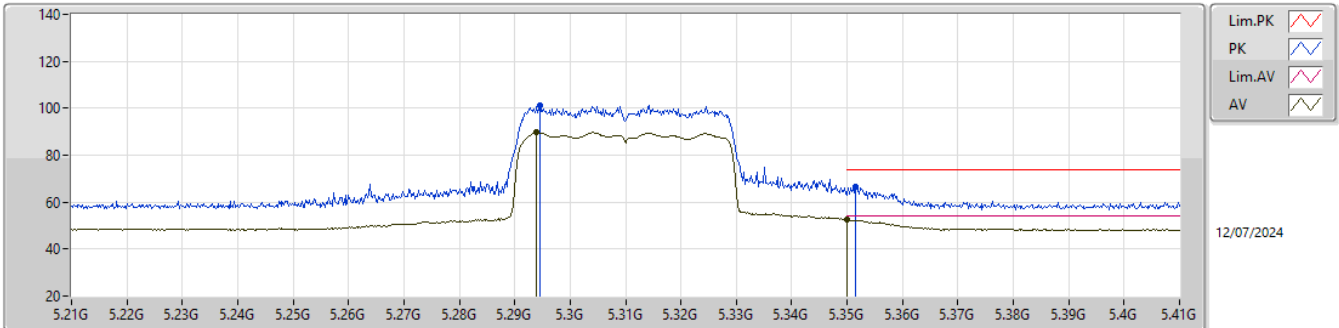


EUT_X_2TX
Setting 13.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.3272G	101.90	Inf	-Inf	95.71	3	Vertical	84	3.00	-	31.35	7.34	32.50			
AV	5.3168G	90.44	Inf	-Inf	84.28	3	Vertical	84	3.00	-	31.33	7.33	32.50			
PK	5.3504G	67.22	74.00	-6.78	60.97	3	Vertical	84	3.00	-	31.40	7.35	32.50			
AV	5.35G	52.61	54.00	-1.39	46.36	3	Vertical	84	3.00	-	31.40	7.35	32.50			

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

5310MHz_TX

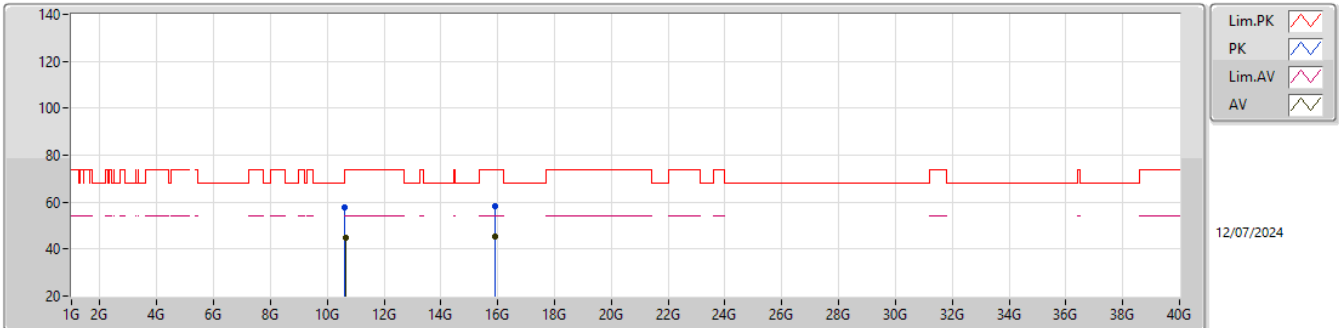


EUT_X_2TX
Setting 13.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.2946G	101.41	Inf	-Inf	95.29	3	Horizontal	35	1.80	-	31.31	7.32	32.51			
AV	5.294G	89.74	Inf	-Inf	83.62	3	Horizontal	35	1.80	-	31.31	7.32	32.51			
PK	5.3516G	66.36	74.00	-7.64	60.11	3	Horizontal	35	1.80	-	31.40	7.35	32.50			
AV	5.35G	52.48	54.00	-1.52	46.23	3	Horizontal	35	1.80	-	31.40	7.35	32.50			

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TX

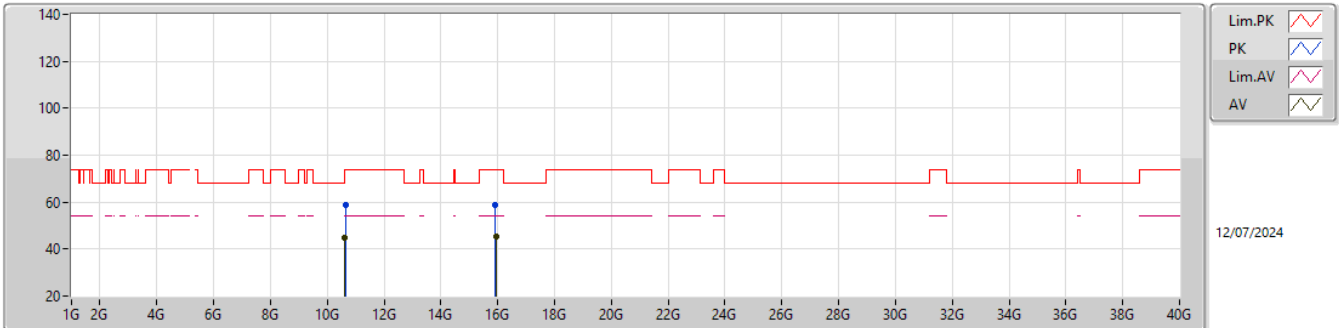


EUT_Z_2TX
Setting 13.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	10.61934G	57.99	74.00	-16.01	42.01	3	Vertical	249	2.23	-	39.28	10.46	33.76				
AV	10.6341G	44.86	54.00	-9.14	28.80	3	Vertical	249	2.23	-	39.34	10.47	33.75				
PK	15.92277G	58.36	74.00	-15.64	41.00	3	Vertical	341	1.52	-	37.91	12.40	32.95				
AV	15.92061G	45.46	54.00	-8.54	28.09	3	Vertical	341	1.52	-	37.92	12.40	32.95				

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz_TX

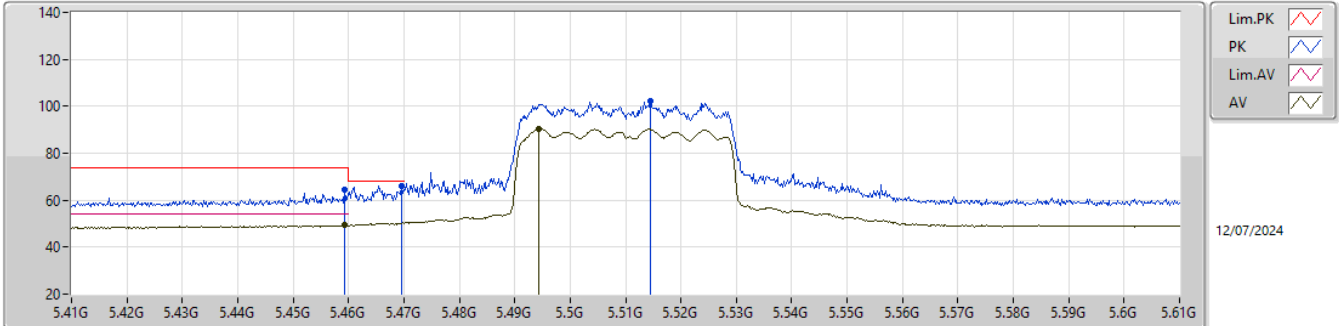


EUT_Z_2TX
Setting 13.5
05-R-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.63362G	58.77	74.00	-15.23	42.72	3	Horizontal	175	2.81	-	39.33	10.47	33.75			
AV	10.62834G	45.01	54.00	-8.99	28.98	3	Horizontal	175	2.81	-	39.31	10.47	33.75			
PK	15.92205G	58.65	74.00	-15.35	41.29	3	Horizontal	43	2.35	-	37.91	12.40	32.95			
AV	15.9318G	45.54	54.00	-8.46	28.19	3	Horizontal	43	2.35	-	37.87	12.41	32.93			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TX

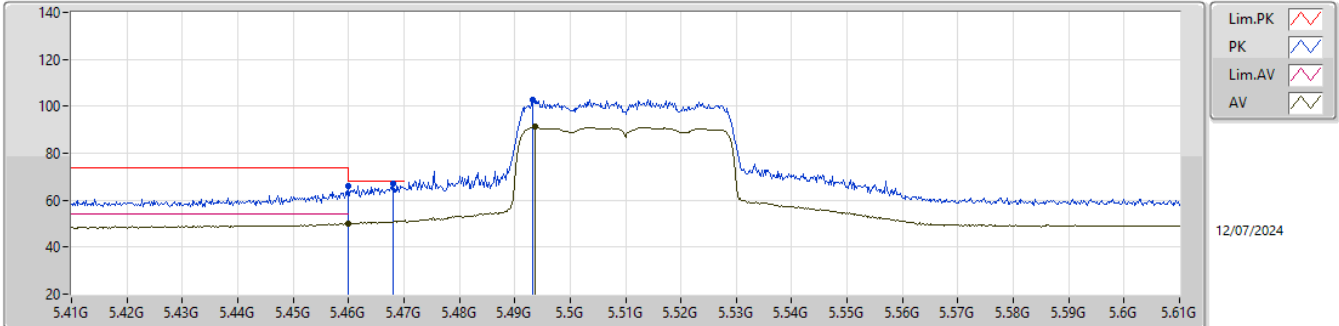


EUT_X_2TX
Setting 14.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4592G	64.23	74.00	-9.77	57.55	3	Vertical	85	2.97	-	31.74	7.41	32.47			
AV	5.4592G	49.40	54.00	-4.60	42.72	3	Vertical	85	2.97	-	31.74	7.41	32.47			
PK	5.4696G	66.08	68.20	-2.12	59.35	3	Vertical	85	2.97	-	31.78	7.42	32.47			
PK	5.5146G	102.49	Inf	-Inf	95.62	3	Vertical	85	2.97	-	31.87	7.46	32.46			
AV	5.4944G	90.58	Inf	-Inf	83.72	3	Vertical	85	2.97	-	31.88	7.44	32.46			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TX

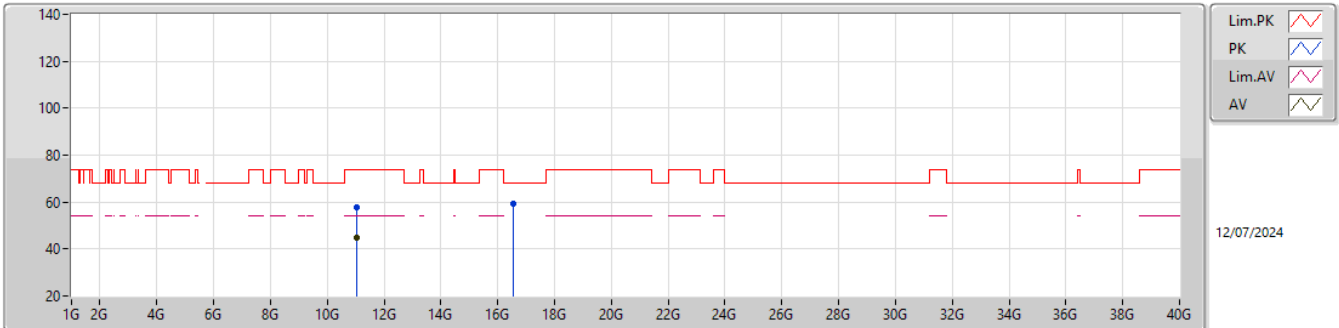


EUT_X_2TX
Setting 14.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.46G	66.20	74.00	-7.80	59.51	3	Horizontal	36	2.34	-	31.74	7.42	32.47			
AV	5.46G	50.15	54.00	-3.85	43.46	3	Horizontal	36	2.34	-	31.74	7.42	32.47			
PK	5.468G	66.88	68.20	-1.32	60.16	3	Horizontal	36	2.34	-	31.77	7.42	32.47			
PK	5.4932G	102.96	Inf	-Inf	96.11	3	Horizontal	36	2.34	-	31.87	7.44	32.46			
AV	5.4936G	91.13	Inf	-Inf	84.28	3	Horizontal	36	2.34	-	31.87	7.44	32.46			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

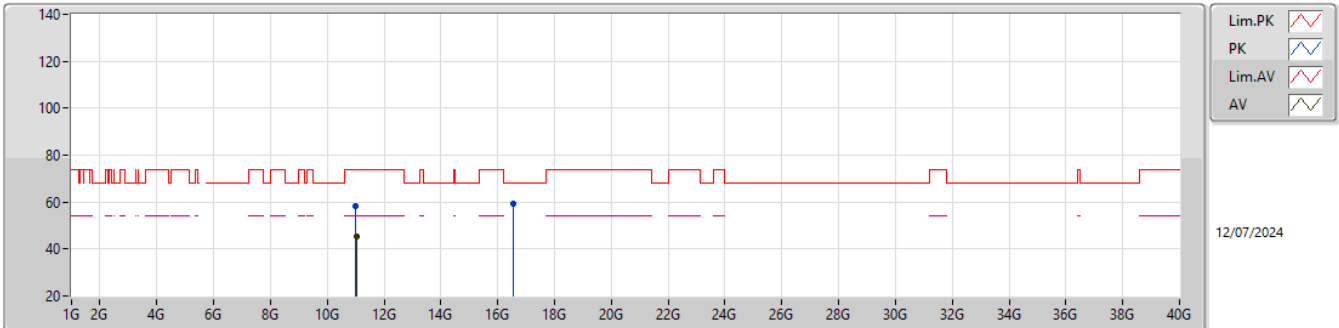
5510MHz_TX

EUT_Z_2TX
Setting 14.5
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.02036G	57.52	74.00	-16.48	41.38	3	Vertical	279	2.38	-	38.94	10.64	33.44			
AV	11.02603G	44.99	54.00	-9.01	28.84	3	Vertical	279	2.38	-	38.95	10.64	33.44			
PK	16.5342G	59.06	68.20	-9.14	41.11	3	Vertical	129	2.82	-	38.39	12.68	33.12			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5510MHz_TX

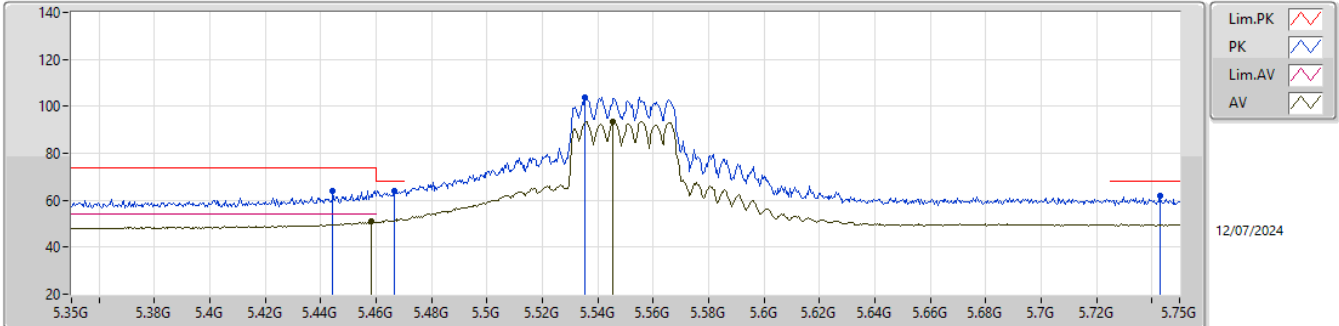


EUT_Z_2TX
Setting 14.5
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.01319G	58.07	74.00	-15.93	41.95	3	Horizontal	237	1.14	-	38.93	10.64	33.45			
AV	11.02804G	45.10	54.00	-8.90	28.93	3	Horizontal	237	1.14	-	38.96	10.64	33.43			
PK	16.53336G	59.44	68.20	-8.76	41.48	3	Horizontal	306	1.09	-	38.40	12.68	33.12			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TX

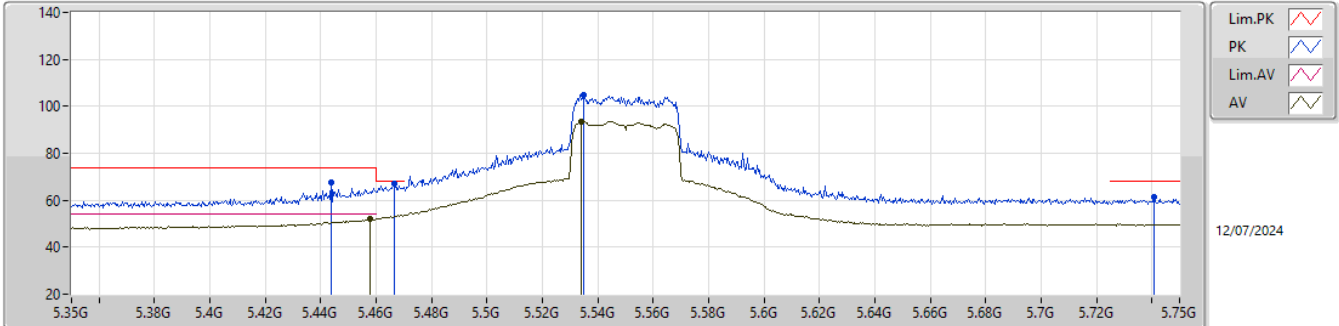


EUT_X_2TX
Setting 20
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4444G	64.12	74.00	-9.88	57.51	3	Vertical	92	1.80	-	31.68	7.40	32.47			
PK	5.4664G	64.19	68.20	-4.01	57.47	3	Vertical	92	1.80	-	31.77	7.42	32.47			
AV	5.458G	50.82	54.00	-3.18	44.15	3	Vertical	92	1.80	-	31.73	7.41	32.47			
PK	5.5352G	103.79	Inf	-Inf	96.95	3	Vertical	92	1.80	-	31.83	7.47	32.46			
AV	5.5456G	93.54	Inf	-Inf	86.71	3	Vertical	92	1.80	-	31.81	7.48	32.46			
PK	5.7428G	62.01	68.20	-6.19	54.81	3	Vertical	92	1.80	-	32.09	7.56	32.45			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TX

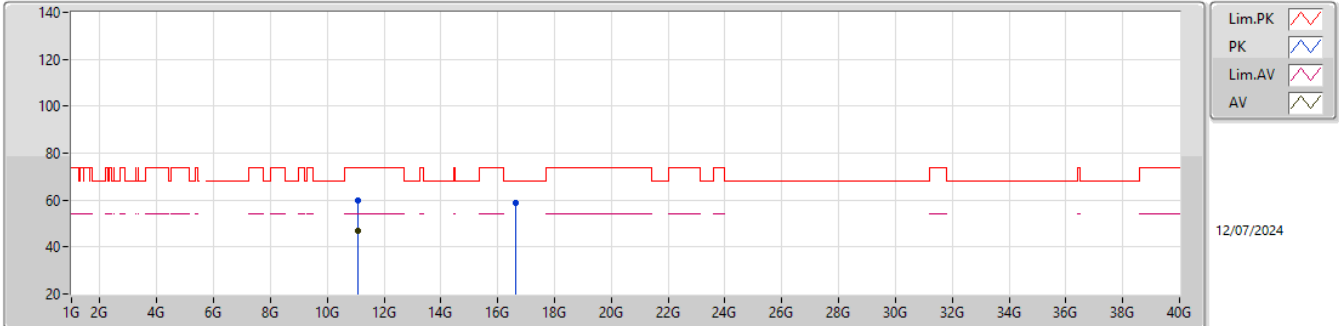


EUT_X_2TX
Setting 20
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.4436G	67.41	74.00	-6.59	60.81	3	Horizontal	35	1.80	-	31.67	7.40	32.47			
PK	5.4664G	66.92	68.20	-1.28	60.20	3	Horizontal	35	1.80	-	31.77	7.42	32.47			
AV	5.4576G	52.04	54.00	-1.96	45.37	3	Horizontal	35	1.80	-	31.73	7.41	32.47			
PK	5.5348G	104.75	Inf	-Inf	97.91	3	Horizontal	35	1.80	-	31.83	7.47	32.46			
AV	5.534G	93.65	Inf	-Inf	86.81	3	Horizontal	35	1.80	-	31.83	7.47	32.46			
PK	5.7408G	61.15	68.20	-7.05	53.96	3	Horizontal	35	1.80	-	32.08	7.56	32.45			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5550MHz_TX

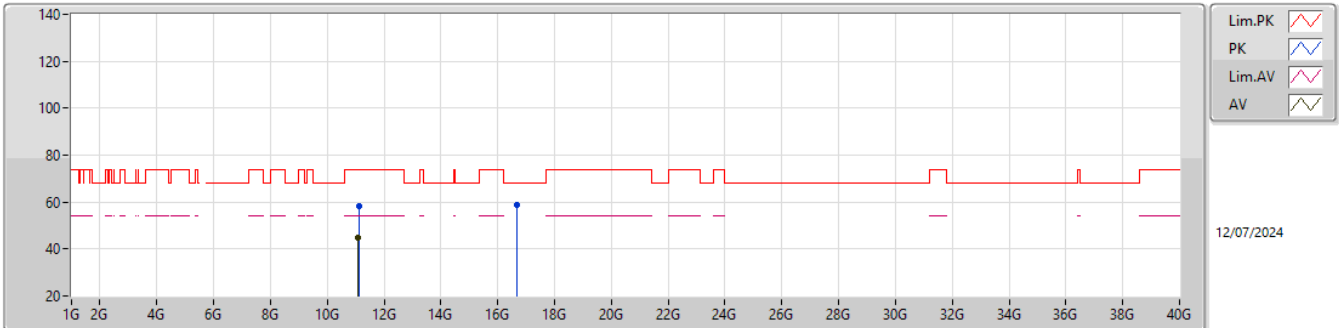


EUT_Z_2TX
Setting 20
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.09973G	59.83	74.00	-14.17	43.53	3	Vertical	119	2.86	-	39.00	10.67	33.37			
AV	11.09535G	47.13	54.00	-6.87	30.83	3	Vertical	119	2.86	-	39.00	10.67	33.37			
PK	16.65348G	58.74	68.20	-9.46	40.54	3	Vertical	206	1.67	-	38.49	12.73	33.02			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

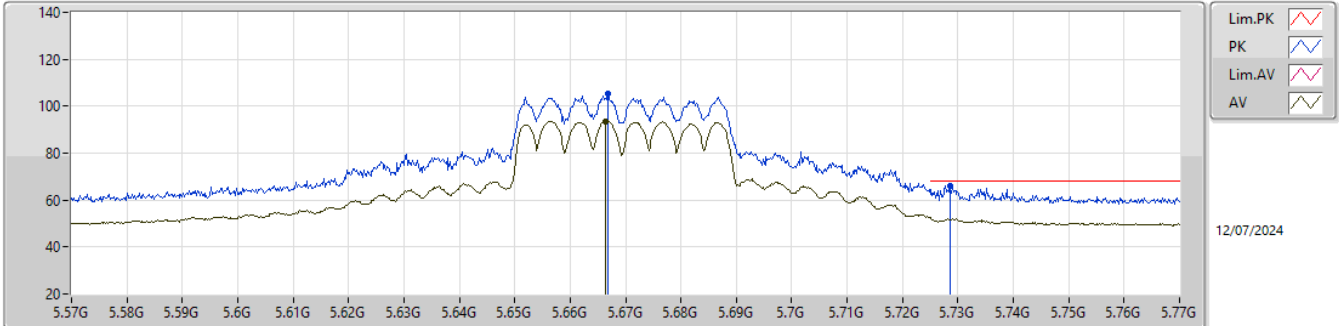
5550MHz_TX

EUT_Z_2TX
Setting 20
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.10324G	58.05	74.00	-15.95	41.75	3	Horizontal	142	1.80	-	38.99	10.68	33.37			
AV	11.08725G	44.85	54.00	-9.15	28.56	3	Horizontal	142	1.80	-	39.00	10.67	33.38			
PK	16.65591G	59.00	68.20	-9.20	40.80	3	Horizontal	221	2.26	-	38.49	12.73	33.02			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TX

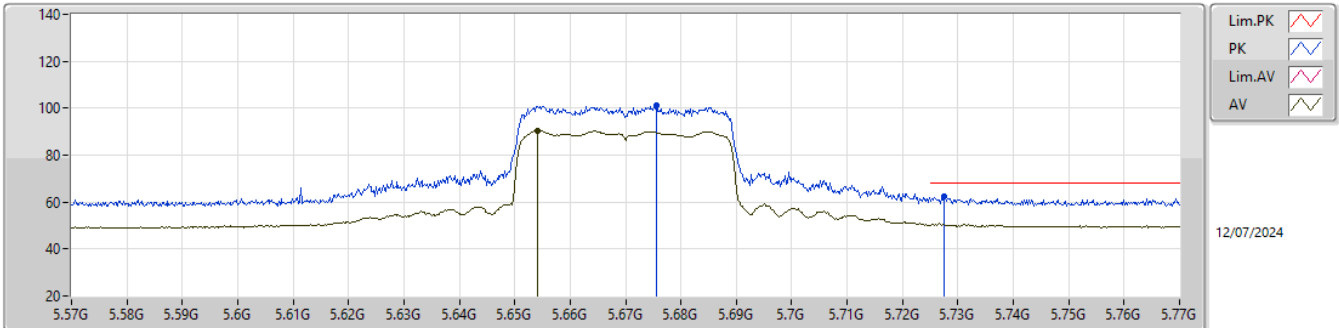


EUT_X_2TX
Setting 21
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6668G	105.09	Inf	-Inf	98.13	3	Vertical	86	2.36	-	31.87	7.54	32.45			
AV	5.6664G	93.60	Inf	-Inf	86.64	3	Vertical	86	2.36	-	31.87	7.54	32.45			
PK	5.7286G	66.26	68.20	-1.94	59.09	3	Vertical	86	2.36	-	32.06	7.56	32.45			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

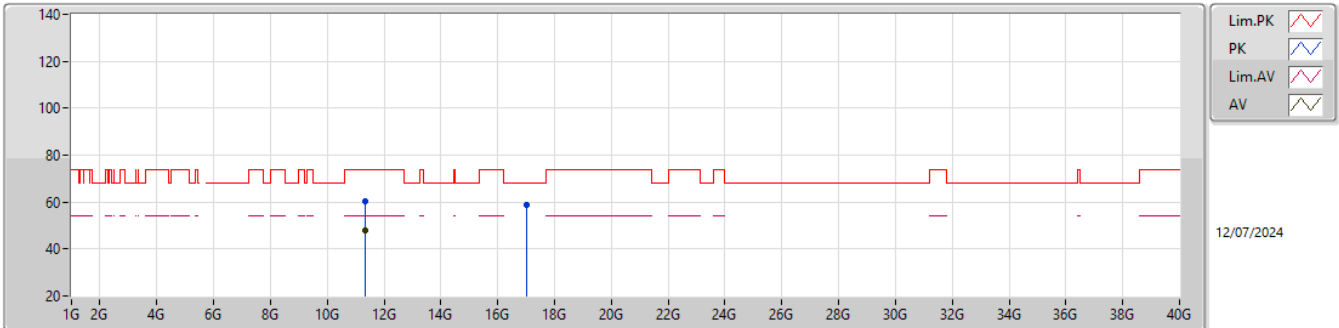
5670MHz_TX

EUT_X_2TX
Setting 21
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6756G	101.04	Inf	-Inf	94.05	3	Horizontal	36	1.80	-	31.90	7.54	32.45			
AV	5.6542G	90.51	Inf	-Inf	83.60	3	Horizontal	36	1.80	-	31.82	7.54	32.45			
PK	5.7276G	62.41	68.20	-5.79	55.24	3	Horizontal	36	1.80	-	32.06	7.56	32.45			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

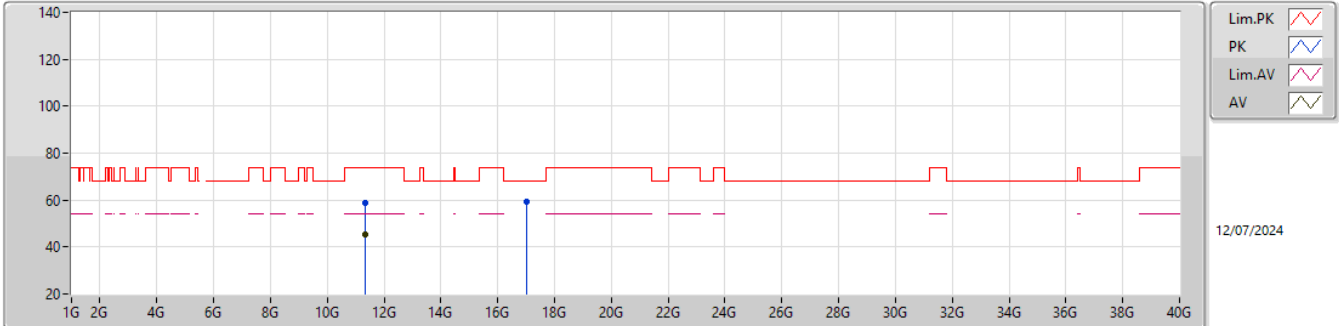
5670MHz_TX

EUT_Z_2TX
Setting 21
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.33865G	60.41	74.00	-13.59	43.61	3	Vertical	160	2.27	-	39.18	10.78	33.16			
AV	11.33802G	47.82	54.00	-6.18	31.02	3	Vertical	160	2.27	-	39.18	10.78	33.16			
PK	17.02308G	59.00	68.20	-9.20	40.56	3	Vertical	334	1.06	-	38.29	12.91	32.76			

5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5670MHz_TX

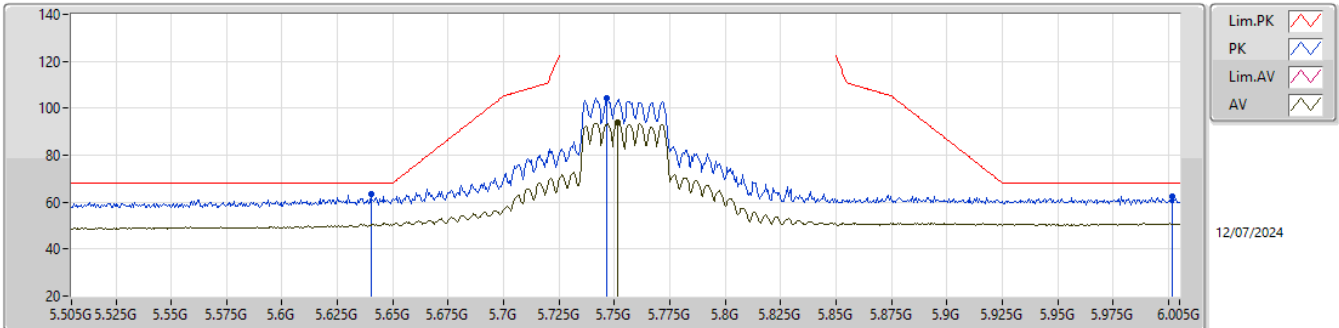


EUT_Z_2TX
Setting 21
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.3403G	58.62	74.00	-15.38	41.81	3	Horizontal	48	1.82	-	39.18	10.78	33.15			
AV	11.3409G	45.40	54.00	-8.60	28.59	3	Horizontal	48	1.82	-	39.18	10.78	33.15			
PK	17.02197G	59.30	68.20	-8.90	40.86	3	Horizontal	207	1.80	-	38.29	12.91	32.76			

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

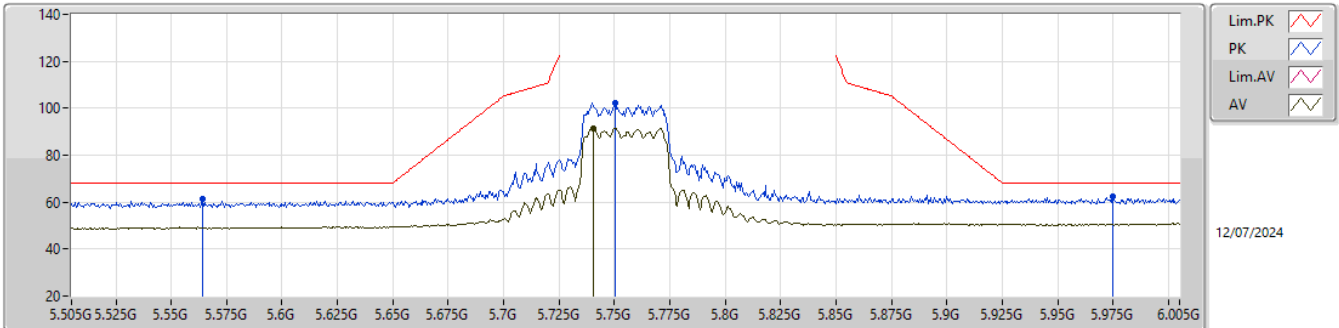


EUT X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.64G	63.67	68.20	-4.53	56.81	3	Vertical	86	2.18	-	31.78	7.53	32.45			
PK	5.7465G	104.43	Inf	-Inf	97.23	3	Vertical	86	2.18	-	32.09	7.56	32.45			
AV	5.7515G	93.81	Inf	-Inf	86.59	3	Vertical	86	2.18	-	32.10	7.57	32.45			
PK	6.0015G	62.26	68.20	-5.94	54.52	3	Vertical	86	2.18	-	32.50	7.68	32.44			

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

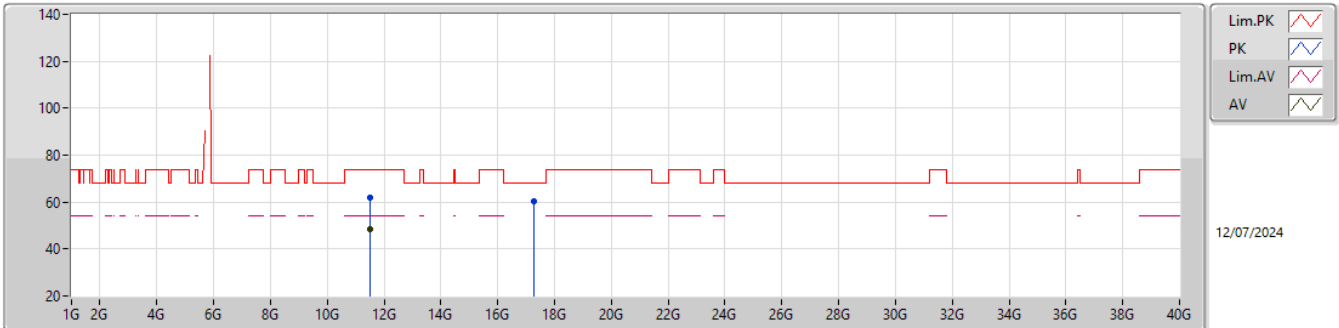


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.564G	61.19	68.20	-7.01	54.39	3	Horizontal	31	1.80	-	31.77	7.49	32.46			
PK	5.7505G	102.41	Inf	-Inf	95.19	3	Horizontal	31	1.80	-	32.10	7.57	32.45			
AV	5.7405G	91.62	Inf	-Inf	84.43	3	Horizontal	31	1.80	-	32.08	7.56	32.45			
PK	5.975G	62.33	68.20	-5.87	54.65	3	Horizontal	31	1.80	-	32.45	7.67	32.44			

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

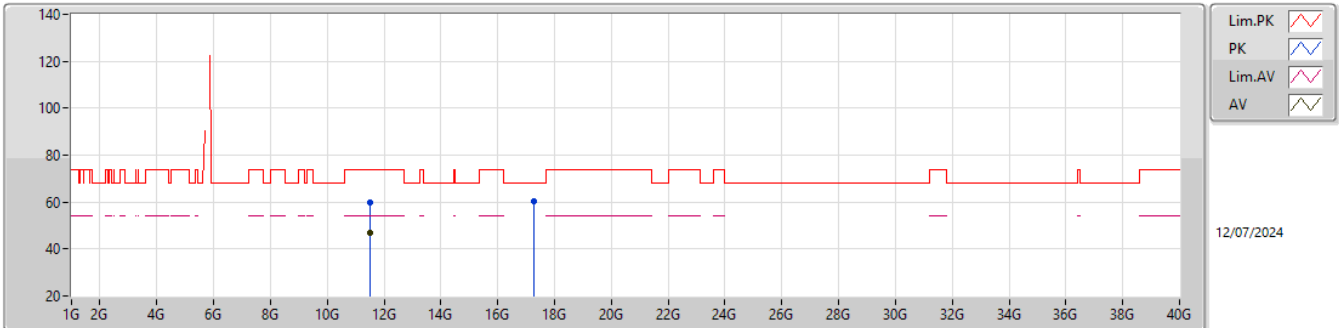


EUT_Z_2TX
Setting 24
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.50907G	62.13	74.00	-11.87	45.34	3	Vertical	157	3.00	-	38.96	10.85	33.02			
AV	11.50328G	48.50	54.00	-5.50	31.67	3	Vertical	157	3.00	-	38.99	10.85	33.01			
PK	17.26713G	60.31	68.20	-7.89	41.51	3	Vertical	178	1.80	-	38.80	13.02	33.02			

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5755MHz_TX

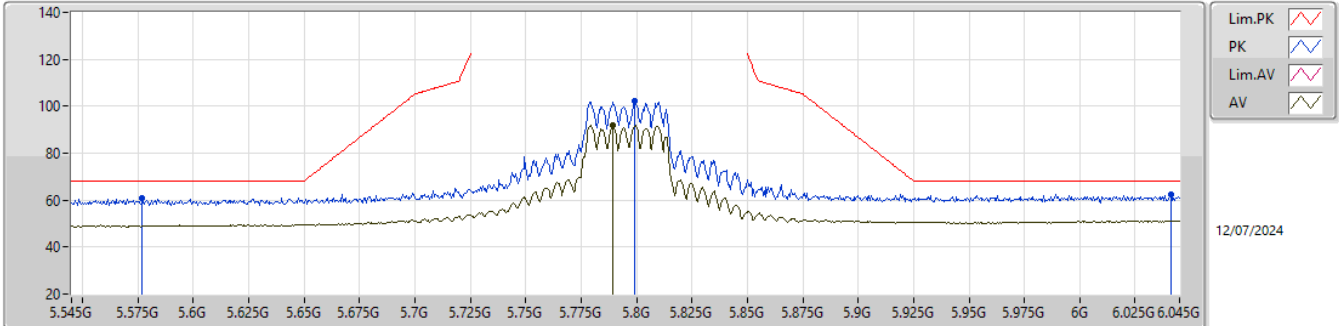


EUT_Z_2TX
Setting 24
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.49797G	59.74	74.00	-14.26	42.90	3	Horizontal	85	2.95	-	39.00	10.85	33.01			
AV	11.49869G	46.89	54.00	-7.11	30.05	3	Horizontal	85	2.95	-	39.00	10.85	33.01			
PK	17.27925G	60.14	68.20	-8.06	41.35	3	Horizontal	259	1.45	-	38.80	13.02	33.03			

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX

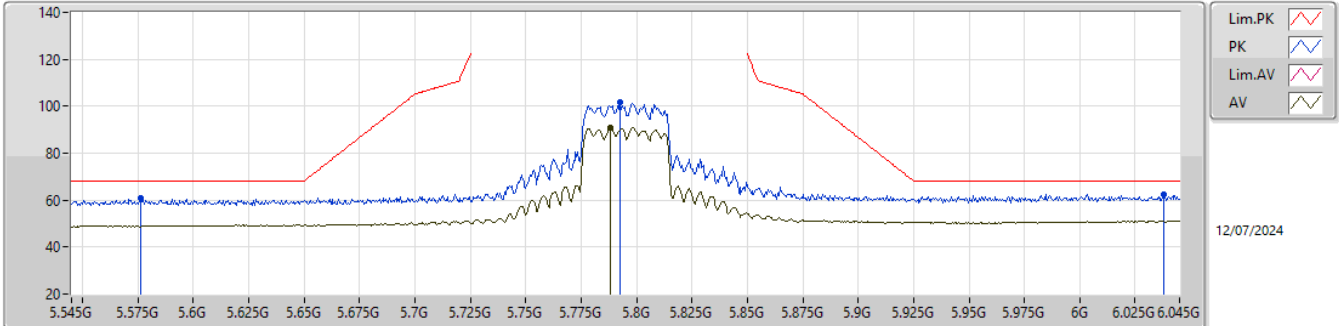


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.577G	60.95	68.20	-7.25	54.16	3	Vertical	107	1.80	-	31.75	7.50	32.46			
PK	5.799G	102.31	Inf	-Inf	94.98	3	Vertical	107	1.80	-	32.20	7.58	32.45			
AV	5.7895G	91.75	Inf	-Inf	84.44	3	Vertical	107	1.80	-	32.18	7.58	32.45			
PK	6.041G	62.64	68.20	-5.56	54.81	3	Vertical	107	1.80	-	32.58	7.69	32.44			

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

5795MHz_TX

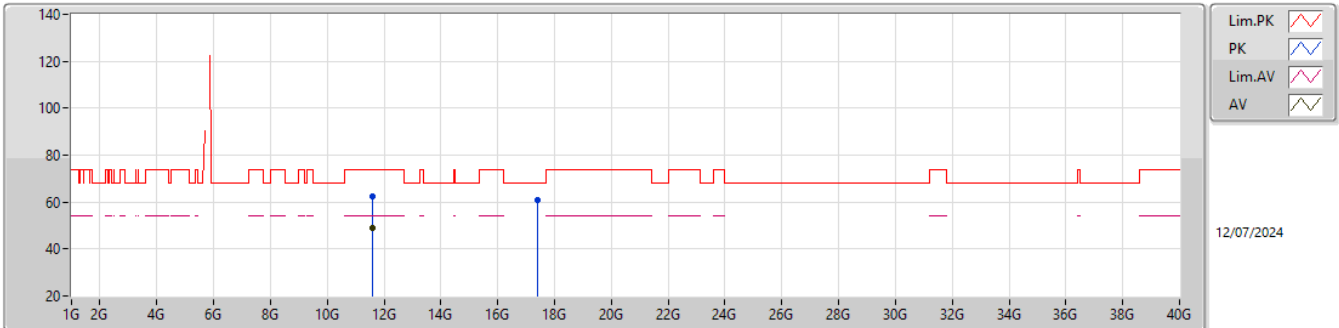


EUT_X_2TX
Setting 24
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.576G	60.82	68.20	-7.38	54.03	3	Horizontal	31	1.80	-	31.75	7.50	32.46			
PK	5.7925G	101.59	Inf	-Inf	94.27	3	Horizontal	31	1.80	-	32.19	7.58	32.45			
AV	5.788G	90.85	Inf	-Inf	83.54	3	Horizontal	31	1.80	-	32.18	7.58	32.45			
PK	6.038G	62.63	68.20	-5.57	54.80	3	Horizontal	31	1.80	-	32.58	7.69	32.44			

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

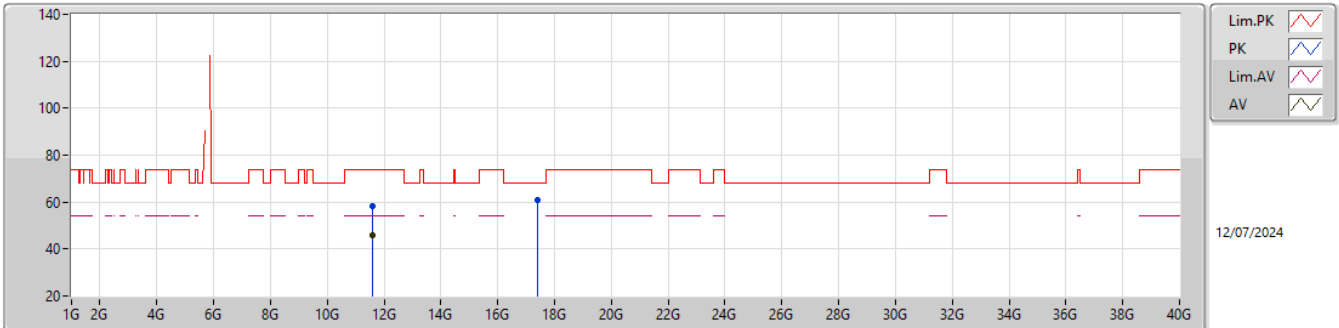
5795MHz_TX

EUT_Z_2TX
Setting 24
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.593G	62.26	74.00	-11.74	45.83	3	Vertical	159	2.32	-	38.63	10.89	33.09			
AV	11.5987G	49.16	54.00	-4.84	32.76	3	Vertical	159	2.32	-	38.61	10.89	33.10			
PK	17.39478G	61.00	68.20	-7.20	41.98	3	Vertical	134	1.23	-	39.09	13.08	33.15			

5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

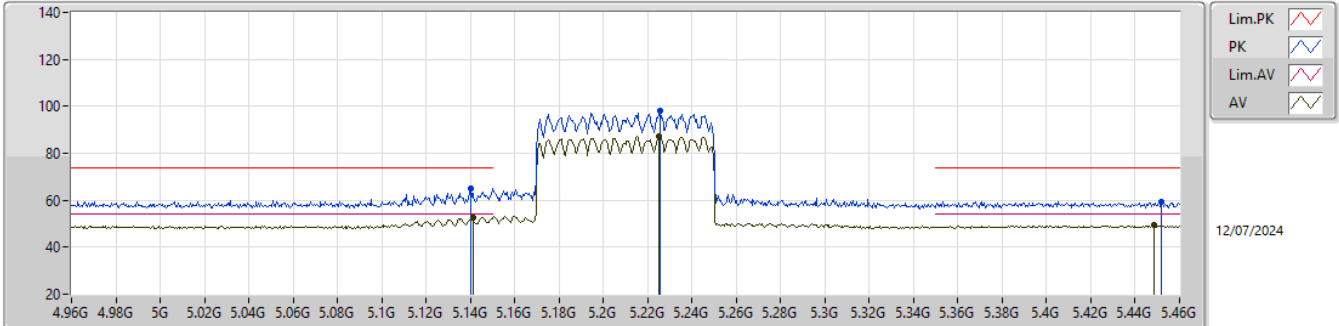
5795MHz_TX

EUT_Z_2TX
Setting 24
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.60458G	58.43	74.00	-15.57	42.04	3	Horizontal	293	1.97	-	38.59	10.90	33.10			
AV	11.5987G	45.82	54.00	-8.18	29.42	3	Horizontal	293	1.97	-	38.61	10.89	33.10			
PK	17.39682G	61.10	68.20	-7.10	42.08	3	Horizontal	52	2.95	-	39.09	13.08	33.15			

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

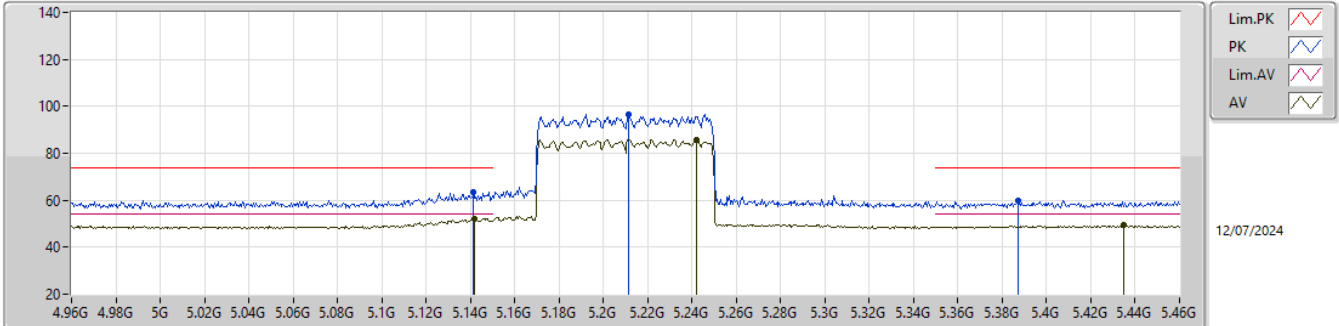


EUT_X_2TX
Setting 12.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.14G	64.97	74.00	-9.03	58.23	3	Vertical	86	3.00	-	32.06	7.23	32.55			
AV	5.141G	52.62	54.00	-1.38	45.88	3	Vertical	86	3.00	-	32.06	7.23	32.55			
PK	5.225G	98.10	Inf	-Inf	91.74	3	Vertical	86	3.00	-	31.60	7.29	32.53			
AV	5.225G	87.19	Inf	-Inf	80.83	3	Vertical	86	3.00	-	31.60	7.29	32.53			
PK	5.452G	59.45	74.00	-14.55	52.80	3	Vertical	86	3.00	-	31.71	7.41	32.47			
AV	5.4485G	49.38	54.00	-4.62	42.75	3	Vertical	86	3.00	-	31.69	7.41	32.47			

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

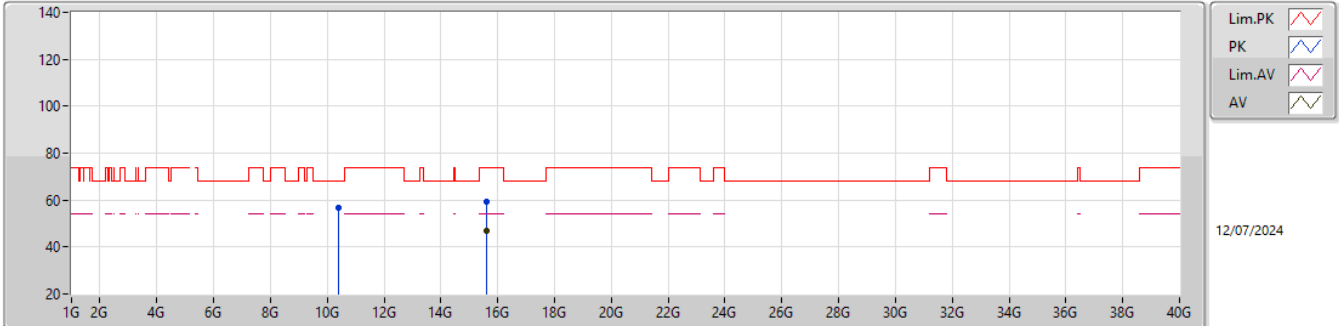


EUT_X_2TX
Setting 12.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.1415G	63.55	74.00	-10.45	56.80	3	Horizontal	34	1.80	-	32.07	7.23	32.55			
AV	5.142G	52.23	54.00	-1.77	45.48	3	Horizontal	34	1.80	-	32.07	7.23	32.55			
PK	5.2115G	96.73	Inf	-Inf	90.26	3	Horizontal	34	1.80	-	31.71	7.29	32.53			
AV	5.242G	85.89	Inf	-Inf	79.65	3	Horizontal	34	1.80	-	31.46	7.30	32.52			
PK	5.387G	60.03	74.00	-13.97	53.69	3	Horizontal	34	1.80	-	31.47	7.36	32.49			
AV	5.435G	49.36	54.00	-4.64	42.80	3	Horizontal	34	1.80	-	31.64	7.40	32.48			

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

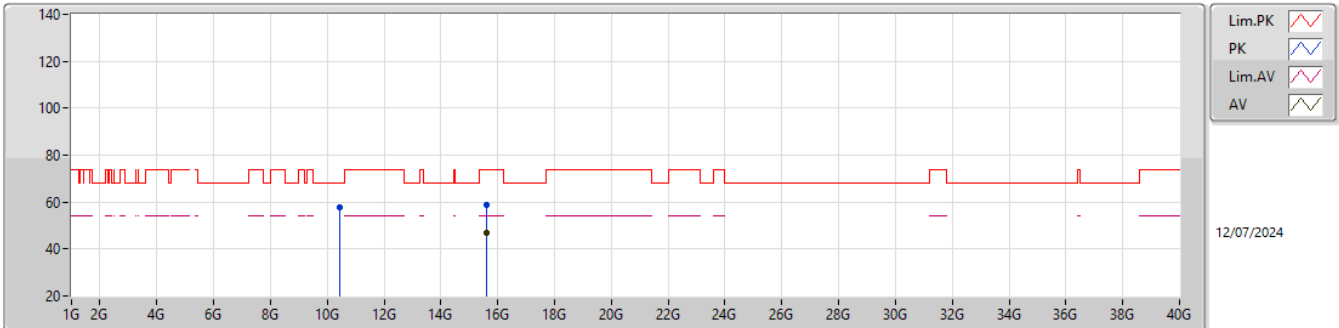


EUT_Z_2TX
Setting 12.5
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.40944G	56.74	68.20	-11.46	41.16	3	Vertical	171	1.80	-	38.90	10.37	33.69			
PK	15.6165G	59.56	74.00	-14.44	42.57	3	Vertical	32	2.10	-	38.10	12.30	33.41			
AV	15.61599G	46.98	54.00	-7.02	29.99	3	Vertical	32	2.10	-	38.10	12.30	33.41			

5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

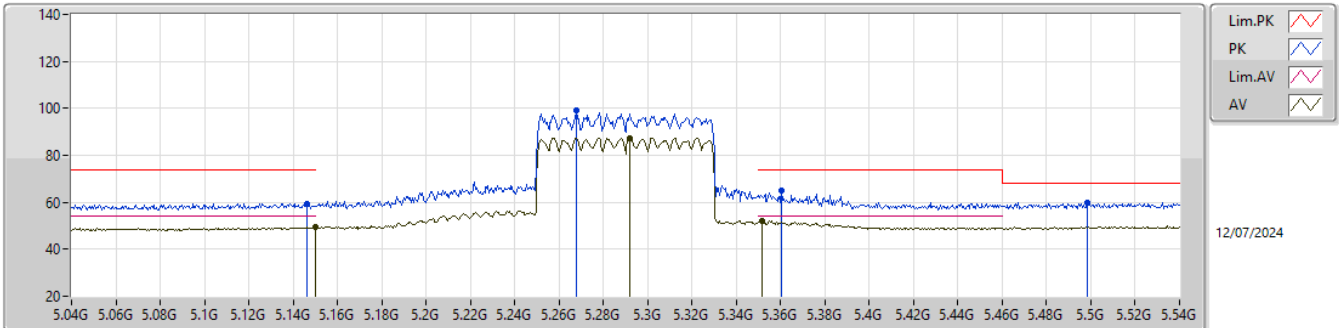


EUT_Z_2TX
Setting 12.5
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.42261G	57.88	68.20	-10.32	42.31	3	Horizontal	13	1.66	-	38.90	10.38	33.71			
PK	15.61893G	58.84	74.00	-15.16	41.86	3	Horizontal	176	1.69	-	38.09	12.30	33.41			
AV	15.62802G	46.88	54.00	-7.12	29.94	3	Horizontal	176	1.69	-	38.03	12.31	33.40			

5.25-5.35GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

5290MHz_TX

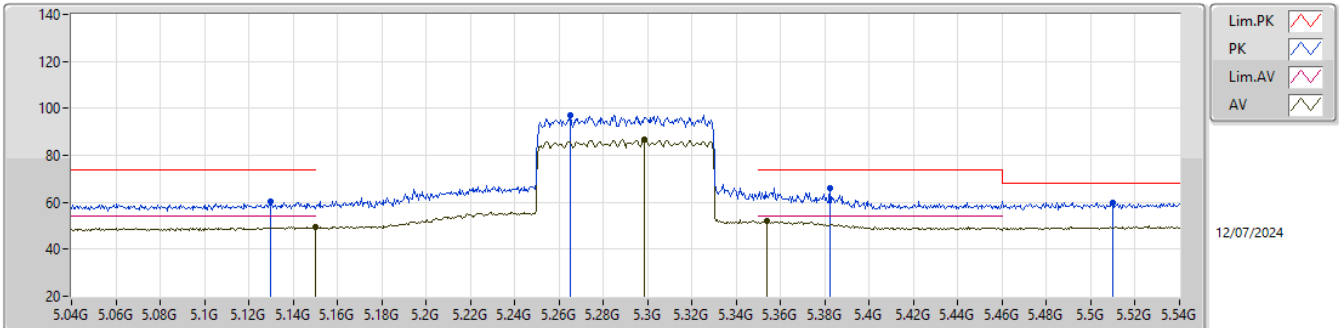


EUT_X_2TX
Setting 13
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.146G	59.50	74.00	-14.50	52.73	3	Vertical	84	3.00	-	32.08	7.23	32.54			
AV	5.15G	49.44	54.00	-4.56	42.64	3	Vertical	84	3.00	-	32.10	7.24	32.54			
PK	5.268G	98.97	Inf	-Inf	92.82	3	Vertical	84	3.00	-	31.36	7.31	32.52			
AV	5.292G	87.49	Inf	-Inf	81.36	3	Vertical	84	3.00	-	31.32	7.32	32.51			
PK	5.3605G	64.78	74.00	-9.22	58.50	3	Vertical	84	3.00	-	31.42	7.35	32.49			
AV	5.3515G	51.96	54.00	-2.04	45.71	3	Vertical	84	3.00	-	31.40	7.35	32.50			
PK	5.4985G	60.02	68.20	-8.18	53.15	3	Vertical	84	3.00	-	31.89	7.44	32.46			

5.25-5.35GHz_802.11ax_HEW80_Nss1,(MCS0)_2TX

5290MHz_TX

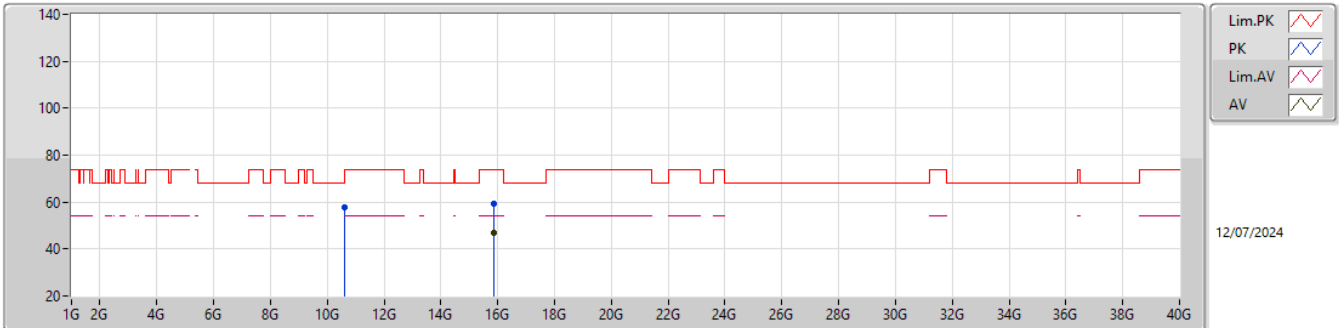


EUT_X_2TX
Setting 13
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.13G	60.29	74.00	-13.71	53.60	3	Horizontal	35	1.80	-	32.02	7.22	32.55			
AV	5.15G	49.44	54.00	-4.56	42.64	3	Horizontal	35	1.80	-	32.10	7.24	32.54			
PK	5.265G	97.21	Inf	-Inf	91.05	3	Horizontal	35	1.80	-	31.37	7.31	32.52			
AV	5.2985G	86.54	Inf	-Inf	80.43	3	Horizontal	35	1.80	-	31.30	7.32	32.51			
PK	5.3825G	66.20	74.00	-7.80	59.87	3	Horizontal	35	1.80	-	31.46	7.36	32.49			
AV	5.354G	52.26	54.00	-1.74	46.00	3	Horizontal	35	1.80	-	31.41	7.35	32.50			
PK	5.51G	59.96	68.20	-8.24	53.09	3	Horizontal	35	1.80	-	31.88	7.45	32.46			

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

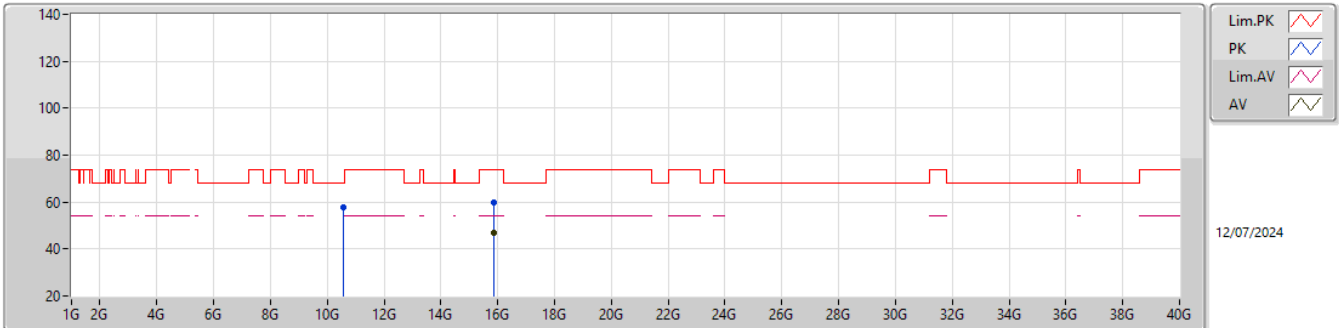
5290MHz_TX

EUT_Z_2TX
Setting 13
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.59089G	57.90	68.20	-10.30	42.08	3	Vertical	325	2.52	-	39.15	10.45	33.78			
PK	15.85704G	59.35	74.00	-14.65	42.19	3	Vertical	273	1.90	-	37.83	12.38	33.05			
AV	15.87207G	46.94	54.00	-7.06	29.68	3	Vertical	273	1.90	-	37.89	12.39	33.02			

5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

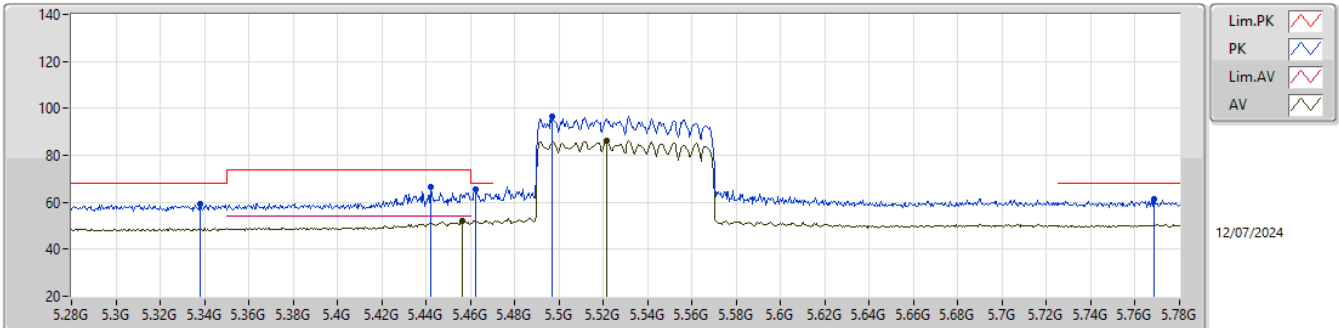
5290MHz_TX

EUT_Z_2TX
Setting 13
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	10.57895G	57.82	68.20	-10.38	42.10	3	Horizontal	201	2.96	-	39.07	10.44	33.79			
PK	15.86661G	59.65	74.00	-14.35	42.42	3	Horizontal	142	1.54	-	37.87	12.39	33.03			
AV	15.8787G	46.68	54.00	-7.32	29.39	3	Horizontal	142	1.54	-	37.91	12.39	33.01			

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

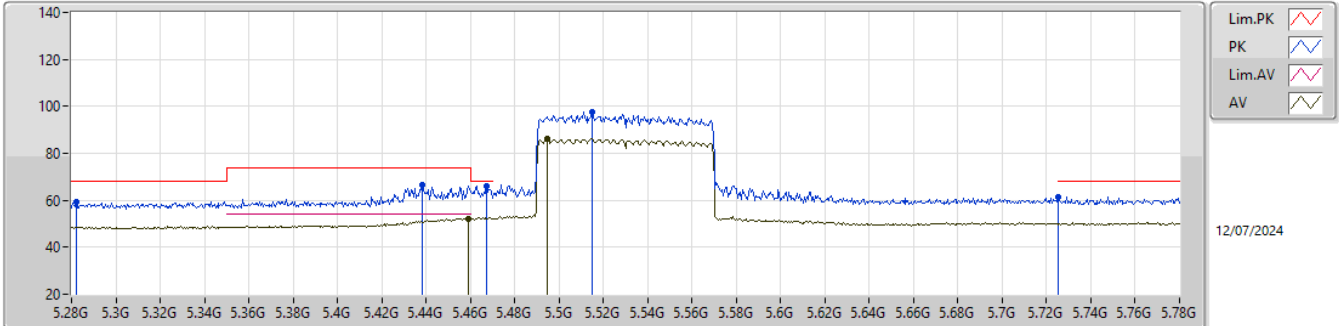
5530MHz_TX

EUT_X_2TX
Setting 13
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.338G	59.50	68.20	-8.70	53.28	3	Vertical	89	2.95	-	31.38	7.34	32.50			
PK	5.442G	66.43	74.00	-7.57	59.83	3	Vertical	89	2.95	-	31.67	7.40	32.47			
PK	5.4625G	65.52	68.20	-2.68	58.82	3	Vertical	89	2.95	-	31.75	7.42	32.47			
AV	5.4565G	51.90	54.00	-2.10	45.23	3	Vertical	89	2.95	-	31.73	7.41	32.47			
PK	5.497G	96.35	Inf	-Inf	89.48	3	Vertical	89	2.95	-	31.89	7.44	32.46			
AV	5.5215G	86.05	Inf	-Inf	79.19	3	Vertical	89	2.95	-	31.86	7.46	32.46			
PK	5.7685G	61.23	68.20	-6.97	53.97	3	Vertical	89	2.95	-	32.14	7.57	32.45			

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5530MHz_TX

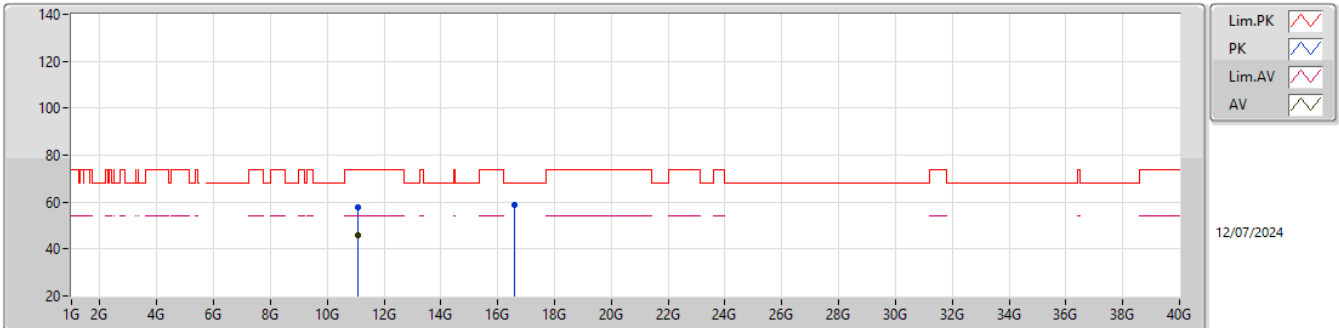


EUT_X_2TX
Setting 13
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.282G	59.44	68.20	-8.76	53.29	3	Horizontal	36	1.80	-	31.34	7.32	32.51			
PK	5.4385G	66.39	74.00	-7.61	59.81	3	Horizontal	36	1.80	-	31.65	7.40	32.47			
PK	5.4675G	66.20	68.20	-2.00	59.48	3	Horizontal	36	1.80	-	31.77	7.42	32.47			
AV	5.459G	52.19	54.00	-1.81	45.51	3	Horizontal	36	1.80	-	31.74	7.41	32.47			
PK	5.515G	97.52	Inf	-Inf	90.65	3	Horizontal	36	1.80	-	31.87	7.46	32.46			
AV	5.4945G	86.25	Inf	-Inf	79.39	3	Horizontal	36	1.80	-	31.88	7.44	32.46			
PK	5.7255G	61.32	68.20	-6.88	54.16	3	Horizontal	36	1.80	-	32.05	7.56	32.45			

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

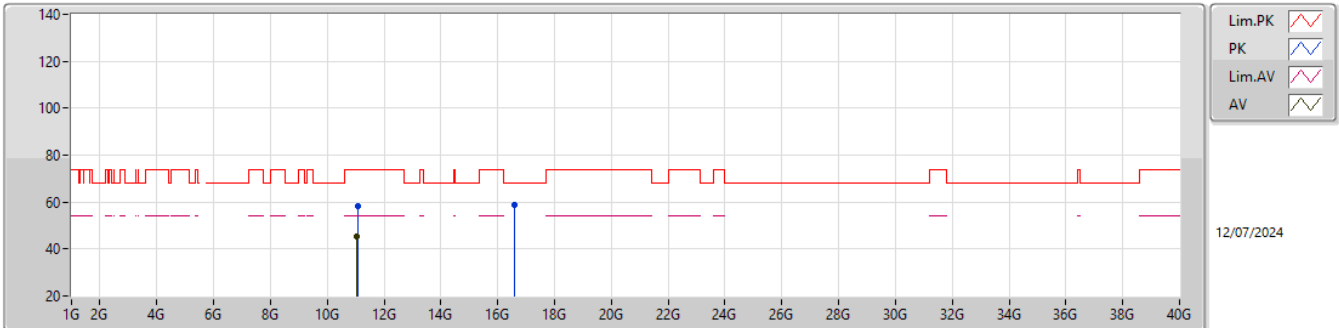
5530MHz_TX

EUT_Z_2TX
Setting 13
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.07182G	57.64	74.00	-16.36	41.38	3	Vertical	353	2.71	-	39.00	10.66	33.40			
AV	11.06783G	46.11	54.00	-7.89	29.85	3	Vertical	353	2.71	-	39.00	10.66	33.40			
PK	16.59495G	59.04	68.20	-9.16	41.19	3	Vertical	111	1.38	-	38.21	12.71	33.07			

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

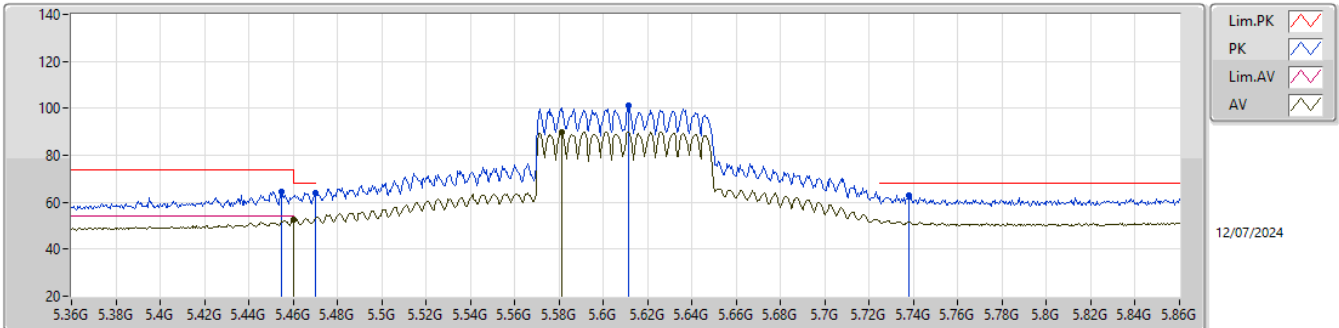
5530MHz_TX

EUT_Z_2TX
Setting 13
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.07326G	58.06	74.00	-15.94	41.79	3	Horizontal	190	1.97	-	39.00	10.66	33.39			
AV	11.05631G	45.56	54.00	-8.44	29.32	3	Horizontal	190	1.97	-	39.00	10.65	33.41			
PK	16.57974G	58.62	68.20	-9.58	40.76	3	Horizontal	53	2.63	-	38.24	12.70	33.08			

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TX

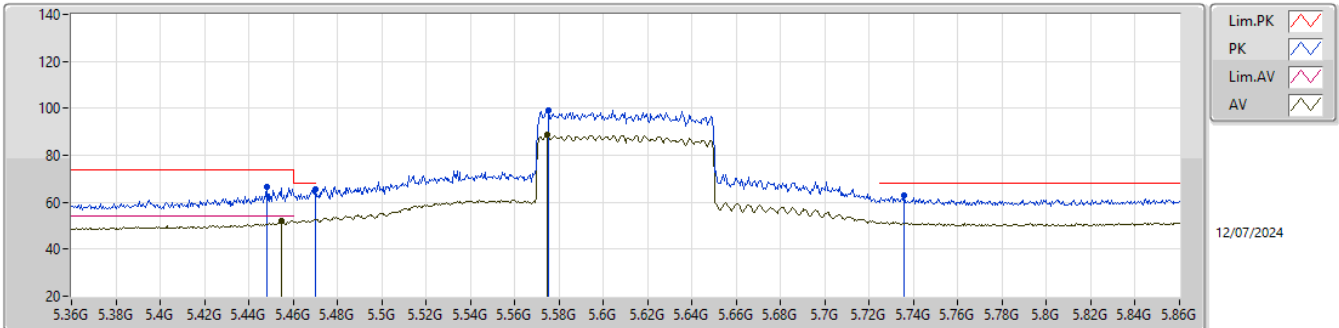


EUT_X_2TX
Setting 19.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.455G	64.59	74.00	-9.41	57.93	3	Vertical	89	1.80	-	31.72	7.41	32.47			
AV	5.46G	52.34	54.00	-1.66	45.65	3	Vertical	89	1.80	-	31.74	7.42	32.47			
PK	5.47G	64.22	68.20	-3.98	57.49	3	Vertical	89	1.80	-	31.78	7.42	32.47			
PK	5.6115G	101.38	Inf	-Inf	94.60	3	Vertical	89	1.80	-	31.72	7.52	32.46			
AV	5.581G	89.99	Inf	-Inf	83.20	3	Vertical	89	1.80	-	31.74	7.51	32.46			
PK	5.738G	62.91	68.20	-5.29	55.72	3	Vertical	89	1.80	-	32.08	7.56	32.45			

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TX

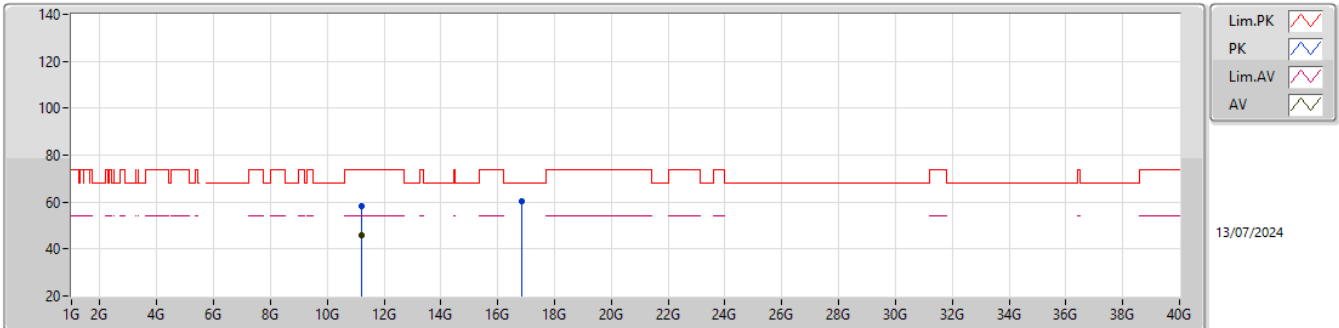


EUT_X_2TX
Setting 19.5
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.448G	66.32	74.00	-7.68	59.69	3	Horizontal	34	1.80	-	31.69	7.41	32.47			
AV	5.455G	52.03	54.00	-1.97	45.37	3	Horizontal	34	1.80	-	31.72	7.41	32.47			
PK	5.47G	65.43	68.20	-2.77	58.70	3	Horizontal	34	1.80	-	31.78	7.42	32.47			
PK	5.575G	99.18	Inf	-Inf	92.39	3	Horizontal	34	1.80	-	31.75	7.50	32.46			
AV	5.5745G	88.64	Inf	-Inf	81.85	3	Horizontal	34	1.80	-	31.75	7.50	32.46			
PK	5.7355G	62.81	68.20	-5.39	55.63	3	Horizontal	34	1.80	-	32.07	7.56	32.45			

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TX

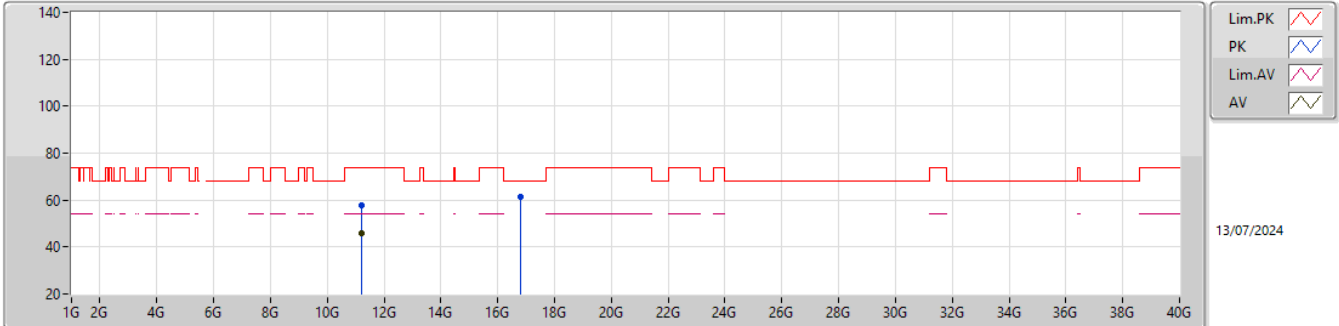


EUT_Z_2TX
Setting 19.5
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.22354G	58.18	74.00	-15.82	41.76	3	Vertical	145	1.80	-	38.95	10.73	33.26			
AV	11.21766G	45.96	54.00	-8.04	29.55	3	Vertical	145	1.80	-	38.94	10.73	33.26			
PK	16.83981G	60.41	68.20	-7.79	42.36	3	Vertical	5	2.81	-	38.10	12.82	32.87			

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5610MHz_TX

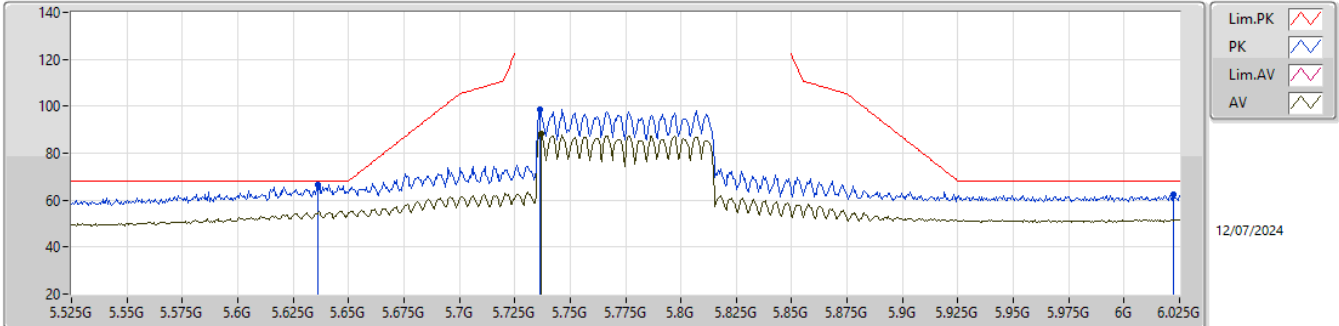


EUT_Z_2TX
Setting 19.5
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.21982G	57.57	74.00	-16.43	41.16	3	Horizontal	73	2.03	-	38.94	10.73	33.26			
AV	11.21907G	45.66	54.00	-8.34	29.25	3	Horizontal	73	2.03	-	38.94	10.73	33.26			
PK	16.824G	61.38	68.20	-6.82	43.35	3	Horizontal	92	2.69	-	38.10	12.81	32.88			

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX

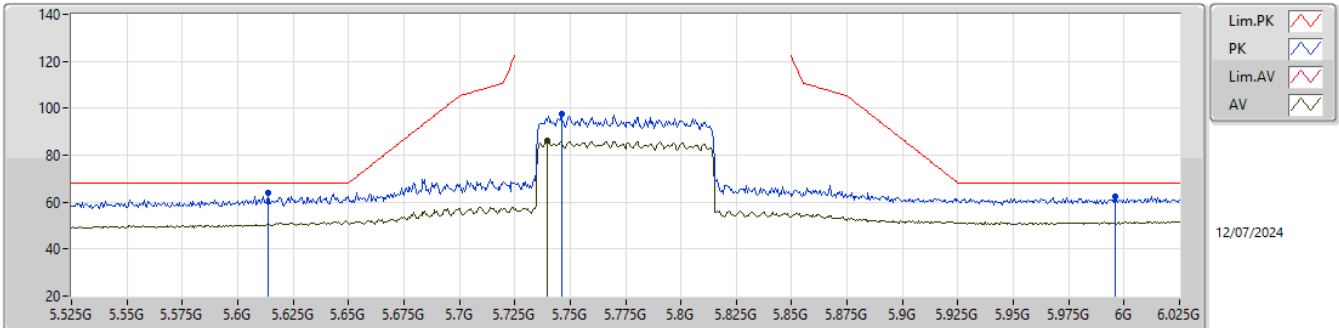


EUT_X_2TX
Setting 21
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.636G	66.50	68.20	-1.70	59.65	3	Vertical	106	1.80	-	31.77	7.53	32.45			
PK	5.7365G	98.58	Inf	-Inf	91.40	3	Vertical	106	1.80	-	32.07	7.56	32.45			
AV	5.737G	88.14	Inf	-Inf	80.96	3	Vertical	106	1.80	-	32.07	7.56	32.45			
PK	6.022G	62.44	68.20	-5.76	54.66	3	Vertical	106	1.80	-	32.54	7.68	32.44			

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

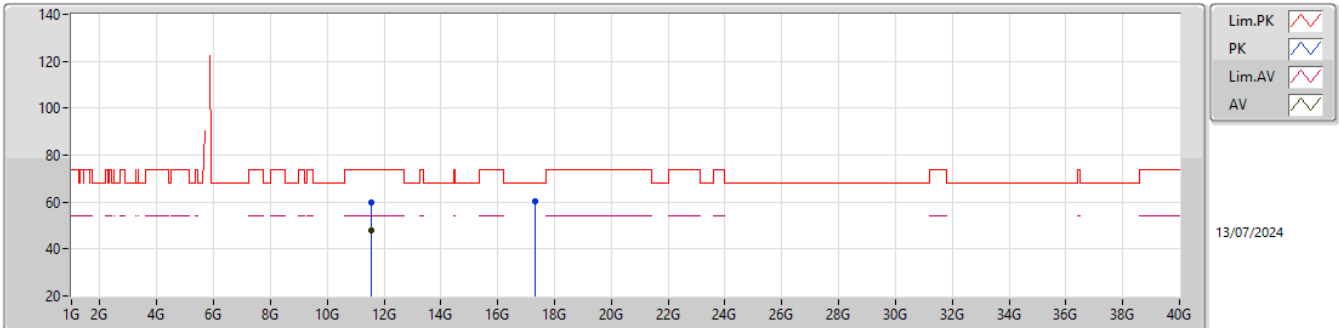
5775MHz_TX

EUT_X_2TX
Setting 21
01-I-E-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	5.6135G	64.19	68.20	-4.01	57.40	3	Horizontal	35	1.80	-	31.73	7.52	32.46			
PK	5.746G	97.81	Inf	-Inf	90.61	3	Horizontal	35	1.80	-	32.09	7.56	32.45			
AV	5.7395G	86.03	Inf	-Inf	78.84	3	Horizontal	35	1.80	-	32.08	7.56	32.45			
PK	5.996G	62.63	68.20	-5.57	54.90	3	Horizontal	35	1.80	-	32.49	7.68	32.44			

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

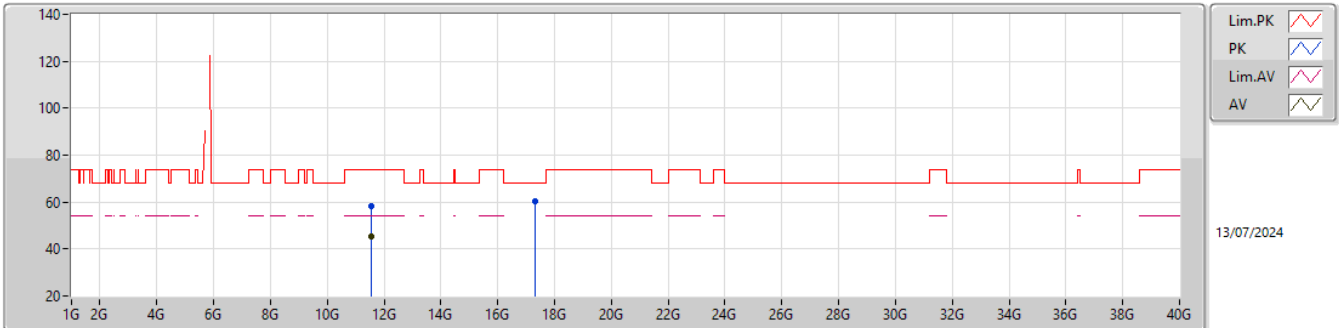
5775MHz_TX

EUT_Z_2TX
Setting 21
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.55924G	59.83	74.00	-14.17	43.25	3	Vertical	158	2.72	-	38.76	10.88	33.06			
AV	11.54844G	47.86	54.00	-6.14	31.23	3	Vertical	158	2.72	-	38.81	10.87	33.05			
PK	17.33604G	60.59	68.20	-7.61	41.69	3	Vertical	222	2.10	-	38.94	13.05	33.09			

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX

5775MHz_TX

EUT_Z_2TX
Setting 21
05-R-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	11.55627G	58.07	74.00	-15.93	41.49	3	Horizontal	125	1.82	-	38.77	10.87	33.06			
AV	11.54634G	45.33	54.00	-8.67	28.70	3	Horizontal	125	1.82	-	38.81	10.87	33.05			
PK	17.33505G	60.14	68.20	-8.06	41.24	3	Horizontal	36	1.35	-	38.94	13.05	33.09			



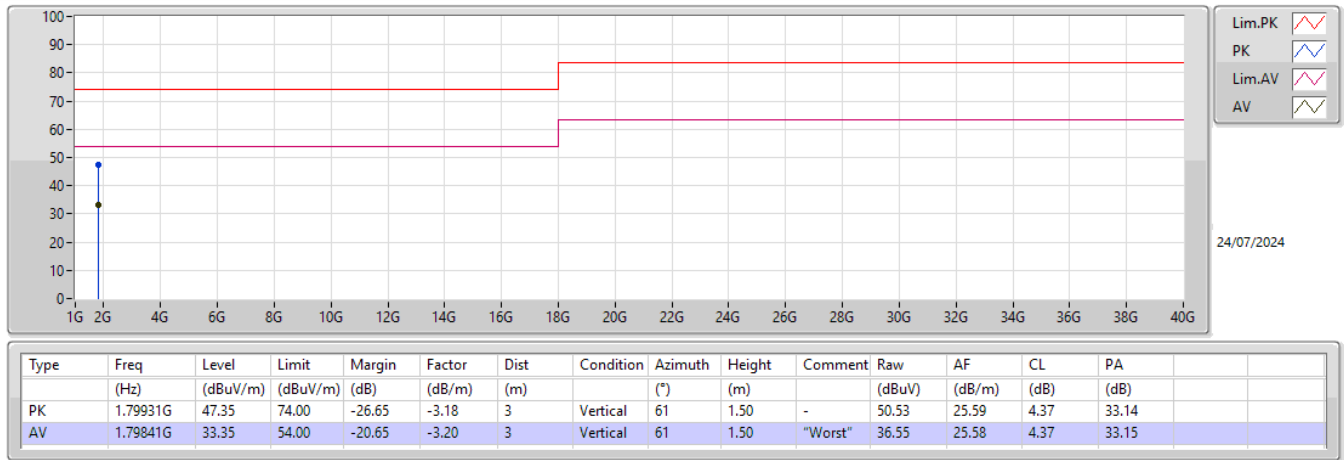
Radiated Emission Co-location Report

Appendix F

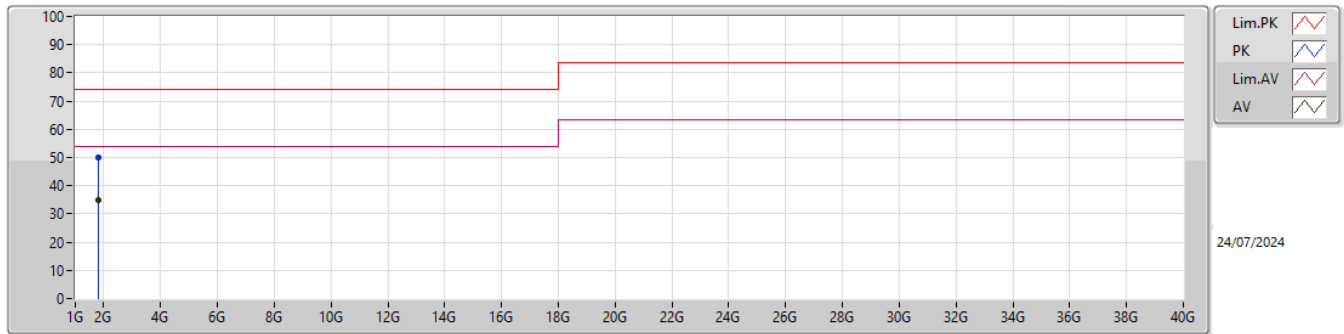
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.79841G	35.05	54.00	-18.95	Horizontal

Mode 1



Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	1.7914G	50.08	74.00	-23.92	-3.28	3	Horizontal	188	1.50	-	53.36	25.51	4.36	33.15		
AV	1.79841G	35.05	54.00	-18.95	-3.20	3	Horizontal	188	1.50	"Worst"	38.25	25.58	4.37	33.15		