



RADIO TEST REPORT

FCC ID : 2AHKM-CODA5370
Equipment : Cable AP Gateway(WiFi)
Brand Name : HITRON
Model Name : CODA5370
Applicant : Hitron Technologies Inc.
No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu
30078, Taiwan
Manufacturer : Hitron Technologies Inc.
No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu
30078, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Jul. 08, 2024, and testing was started from Jul. 12, 2024 and completed on Jul. 30, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Rex Liao

Sporton International Inc. Hsinchu Laboratory

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



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_10 Ver1.3

Page Number : 3 of 29
Issued Date : Aug. 23, 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	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen

Report Producer: Sophia Shiung



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	802.11n HT40-BF	40	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	VHT40-BF	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX

Note:

- ♦ 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- ♦ 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	SPEED	F-0Q-YF-6001-001-00	PCB	I-Pex	Note 1
2	2	SPEED	F-0Q-YF-6001-002-00	PCB	I-Pex	
3	1	SPEED	F-0Q-YF-6001-003-00	PCB	I-Pex	
4	2	SPEED	F-0Q-YF-6001-004-00	PCB	I-Pex	

Note 1:

Ant.	Antenna Gain (dBi)						
	2.4GHz	2.45GHz	2.4835GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz
1	2.69	2.86	2.85	-	-	-	-
2	5.84	5.16	4.64	-	-	-	-
3	-	-	-	5.14	5.1	5.64	5.76
4	-	-	-	3.9	4.14	3.81	4.14

Item	Directional Gain (dBi)						
	2.4GHz	2.45GHz	2.4835GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz
2T1S	5.84	5.16	4.64	5.14	5.1	5.64	5.76
2T2S	5.84	5.16	4.64	5.14	5.1	5.64	5.76

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

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

Note 4: **For 2.4GHz function:****For IEEE 802.11 b (1TX/1RX):**

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

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:**For IEEE 802.11a/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.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss 1,(6D)	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss 1,(M0)	0.995	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF_Nss 1,(M0)	0.995	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40_Nss 1,(M0)	0.988	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF_Nss 1,(M0)	0.988	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	DUT GUI (V610.26)			

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15.247
- ♦ ANSI C63.10-2013

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

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Nyle Chang	24~25.4 / 63~66	Jul. 29, 2024~ Jul. 30, 2024
Radiated < 1GHz	03CH06-CB	Roy Mai	22.7~23.8 / 56~59	Jul. 12, 2024
Radiated > 1GHz	03CH05-CB	Jackson Peng	21.6-22.7 / 56-59	Jul. 22, 2024~ Jul. 27, 2024
	03CH06-CB		21.9-22.4 / 55-58	
AC Conduction	CO01-CB	Ryan Huang	22~23 / 64~65	Jul. 18, 2024

1.4 Measurement Uncertainty

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

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
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW20_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW40_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2452MHz
802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW40-BF_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2452MHz

Note:

- ♦ Evaluated HEW20 / HEW40 mode only, due to similar modulation. The power setting of HT20 / HT40 / VHT20 / VHT40 modes are the same or lower than HEW20 / HEW40.
- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT + Adapter 1
2	EUT + Adapter 2
For operating, mode 2 is the worst case and it was recorded in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis + Adapter 1
2	EUT in Y axis + Adapter 2
For operating, mode 1 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA470124-01 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	AtechOEM	A4803PU-120035	Input: 100-240V~, 50-60Hz, 1.5A Output: 12.0V, 3.5A, 42.0W
Adapter 2	APD	WA-42D12FU	Input: 100-240V~, 50-60Hz, 1.2A Max. Output: 12V, 3.5A
Others			
RJ-45 cable*1: Non-shielded, 1.5m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	1G LAN NB	DELL	E6430	N/A
B	Terminal system	hitron	RAC-500	N/A
C	2.5G LAN PC	ASUS	S300TA	TX2-RTL8821CE
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A

**For Radiated < 1GHz:**

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	1G LAN NB	DELL	E4300	N/A
B	2.5G LAN PC	DELL	T3400	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A
E	Terminal system	hitron	RAC-500	N/A

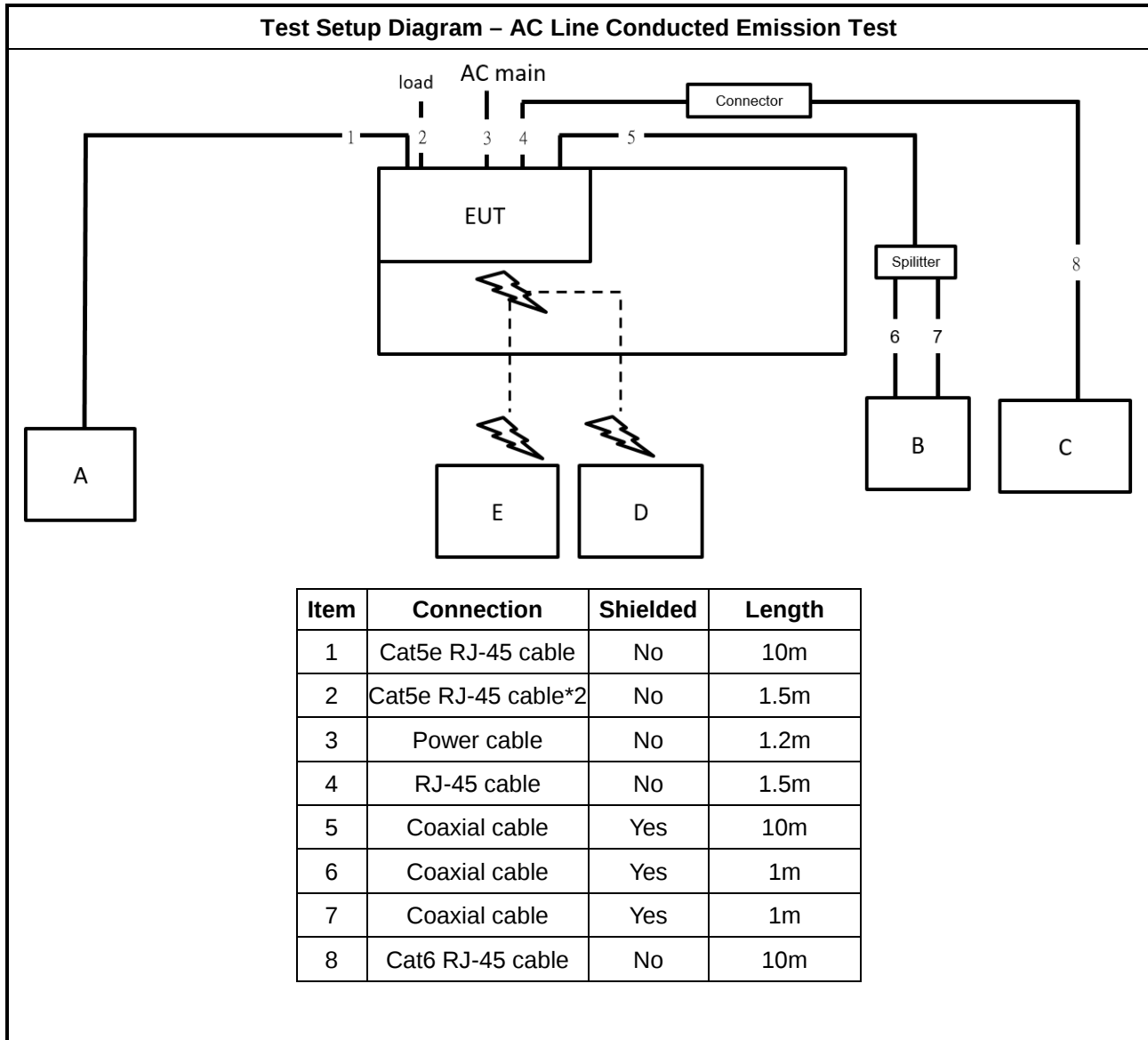
For Radiated > 1GHz:

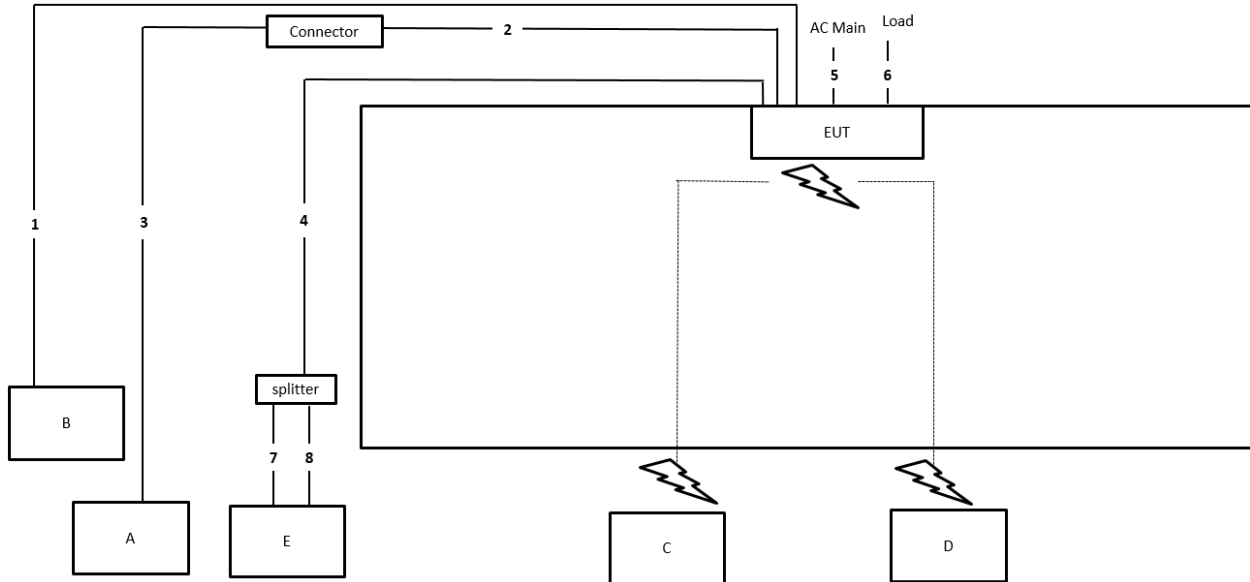
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	HP	Elitebook 830 G7	N/A

For RF Conducted:

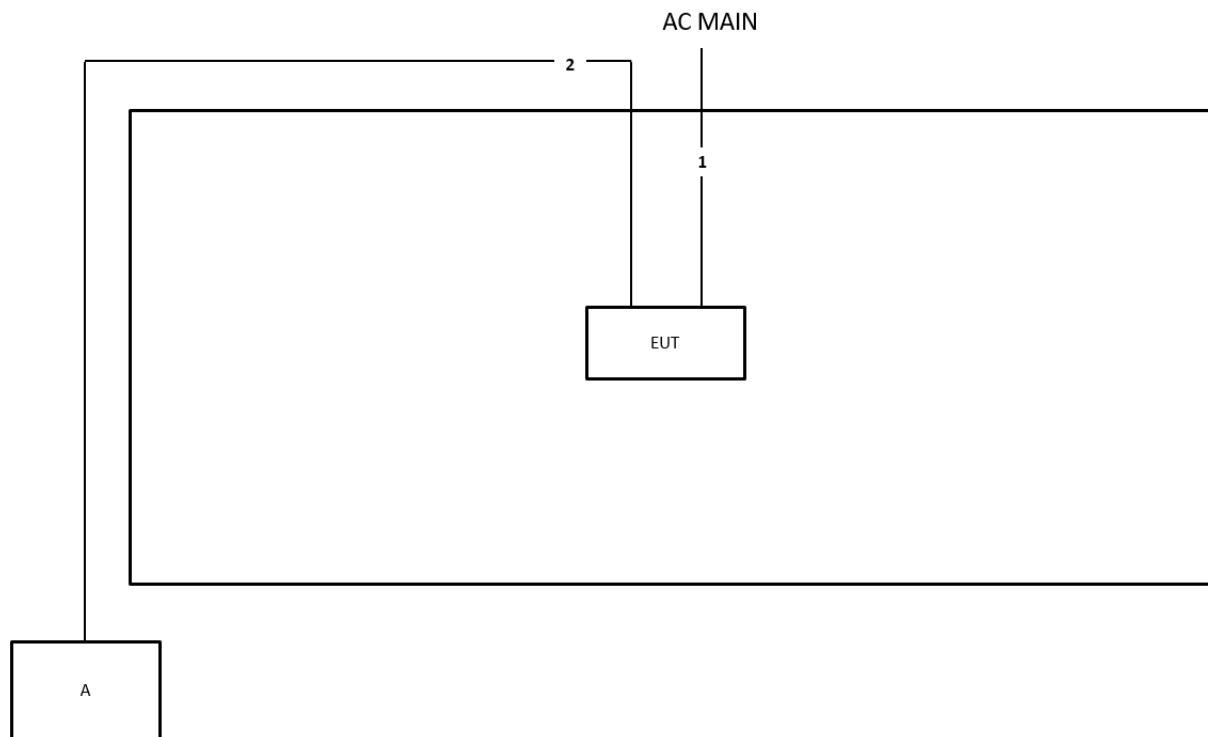
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	HP	Elitebook 830 G7	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	1.5m
4	Coaxial cable	No	10m
5	Power cable	No	1.2m
6	RJ-45 cable*2	No	1.5m
7	Coaxial cable	Yes	1m
8	Coaxial cable	Yes	1m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	RJ-45 cable	No	10m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

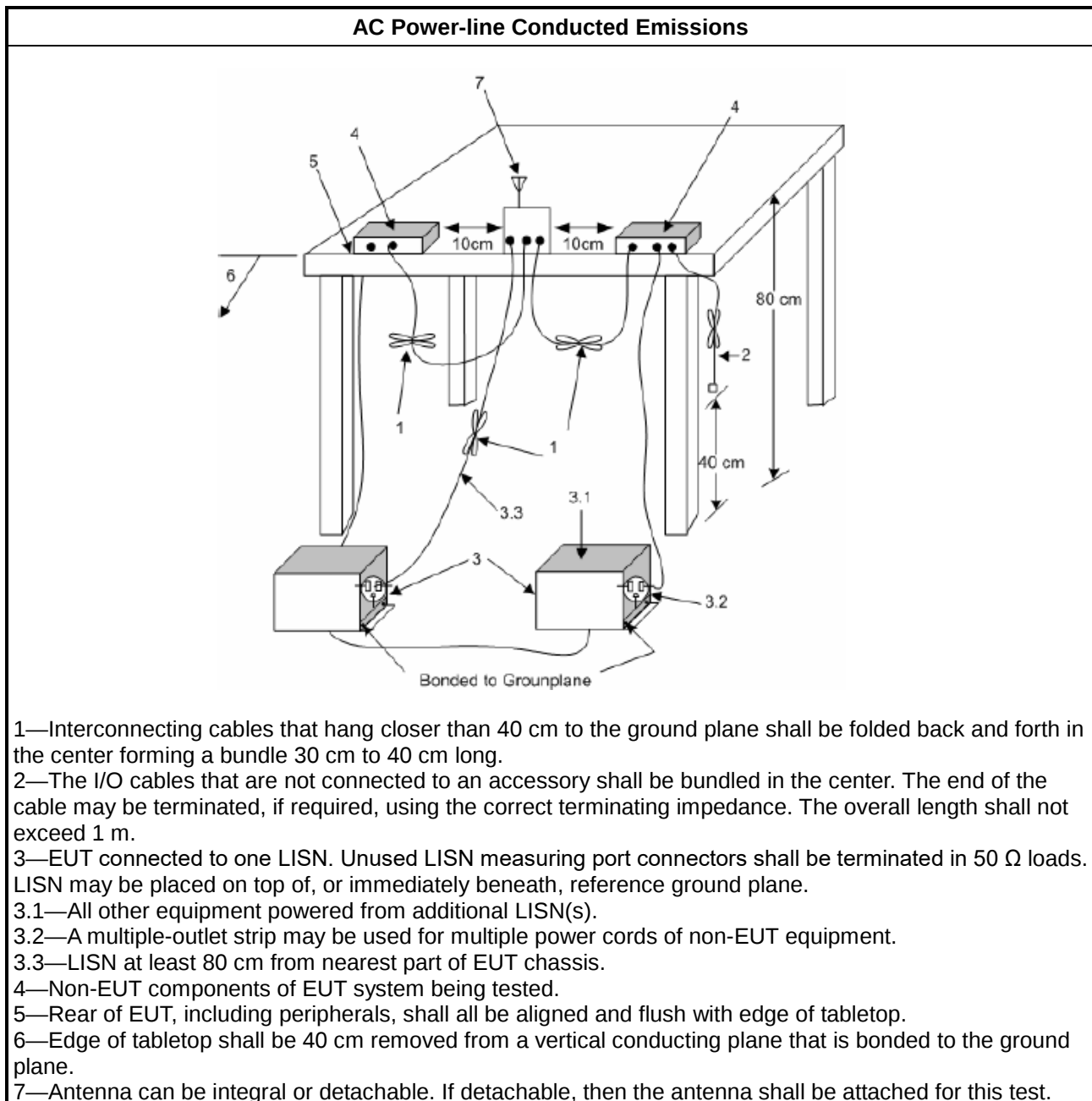
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
6 dB bandwidth $\geq$ 500 kHz.

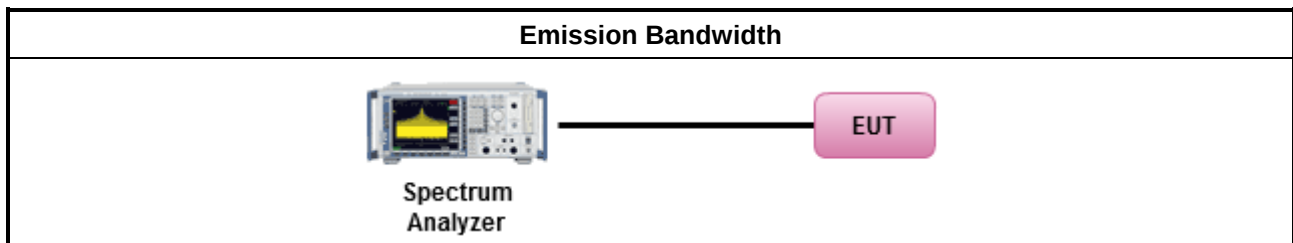
3.2.2 Measuring Instruments

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 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	▪ Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
P_{Out} = maximum peak conducted output power or 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	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW $\geq$ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle $\geq 98\%$ or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle $< 98\%$ and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate 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:

$$P_{\text{total}} = P_1 + P_2 + \dots + P_n$$
 (calculated in linear unit [mW] and transfer to log unit [dBm])

$$\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

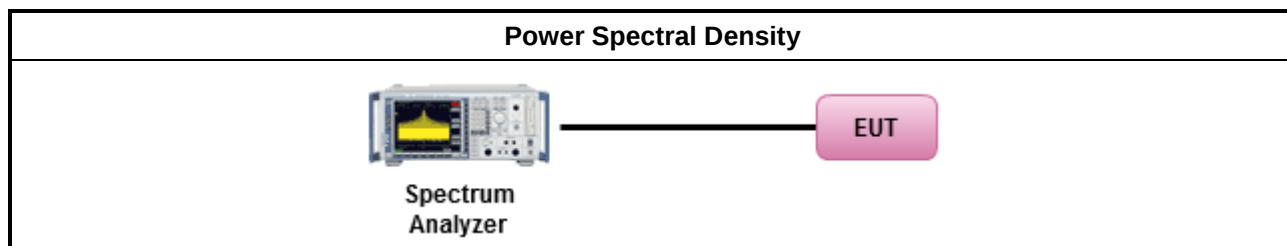
3.4.2 Measuring Instruments

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. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).	
☒	Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.
▪ 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.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

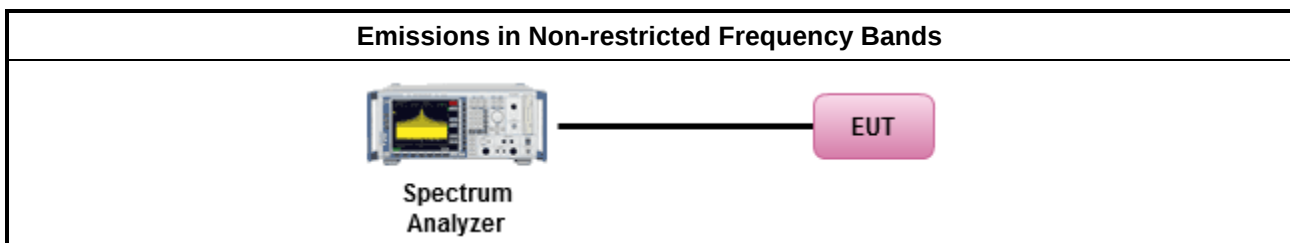
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions 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.

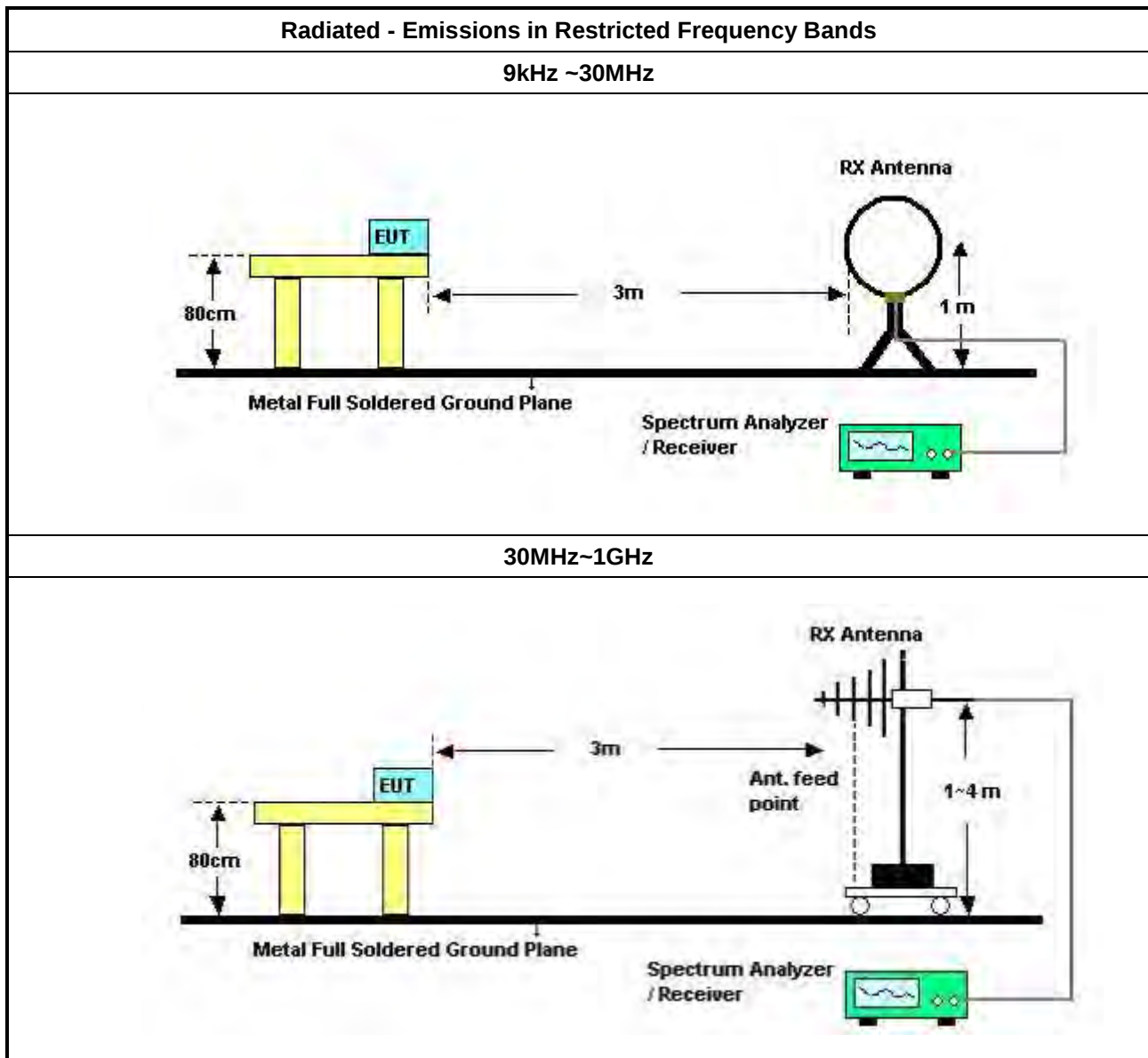
3.6.2 Measuring Instruments

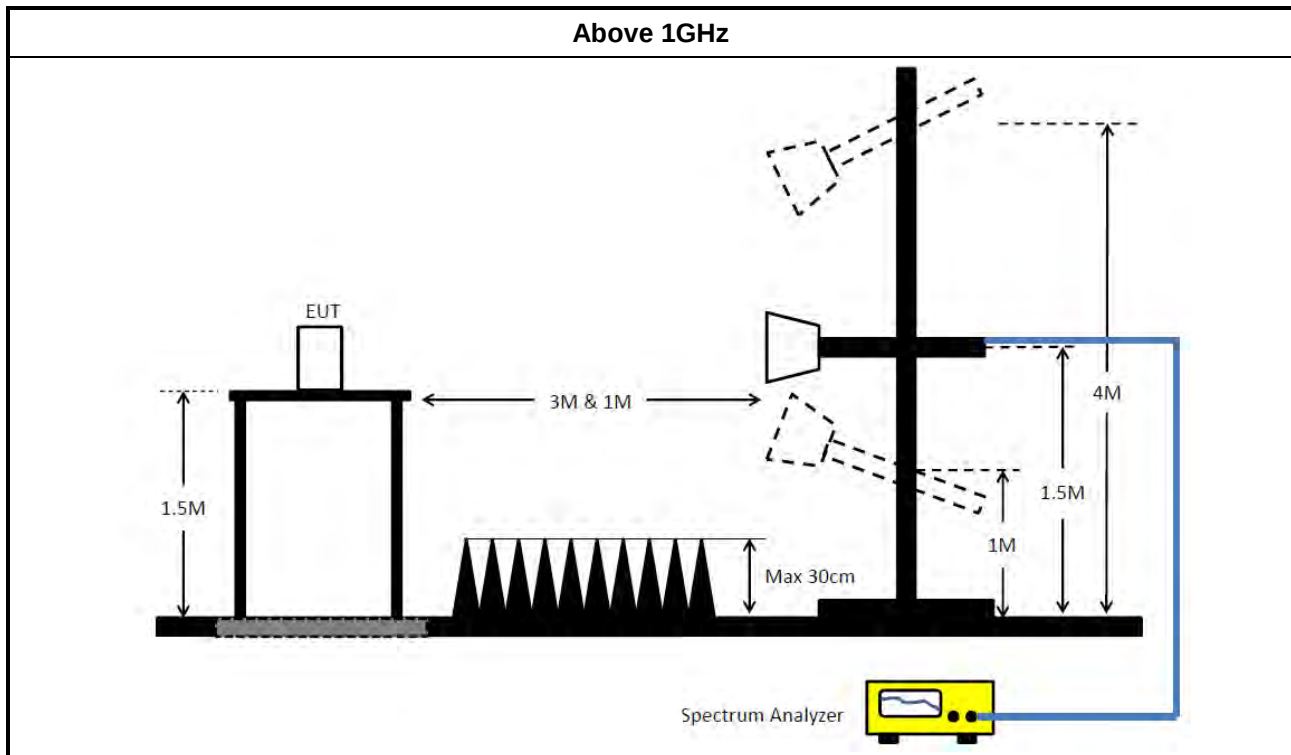
Refer a test equipment and calibration data table in this test report.

**3.6.3 Test Procedures**

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ 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 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:	
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.6.4 Test Setup





3.6.5 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.

3.6.6 Emissions in Restricted Frequency Bands (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.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30MHz ~ 1GHz	Aug. 03, 2023	Aug. 02, 2024	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 30, 2023	Jul. 29, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 03, 2023	Nov. 02, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 20, 2023	Oct. 19, 2024	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-24+68	30MHz~1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
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. 29, 2024	Jun. 28, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
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 ~ 40GHz	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	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1GHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1GHz ~18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

NCR means Non-Calibration required.



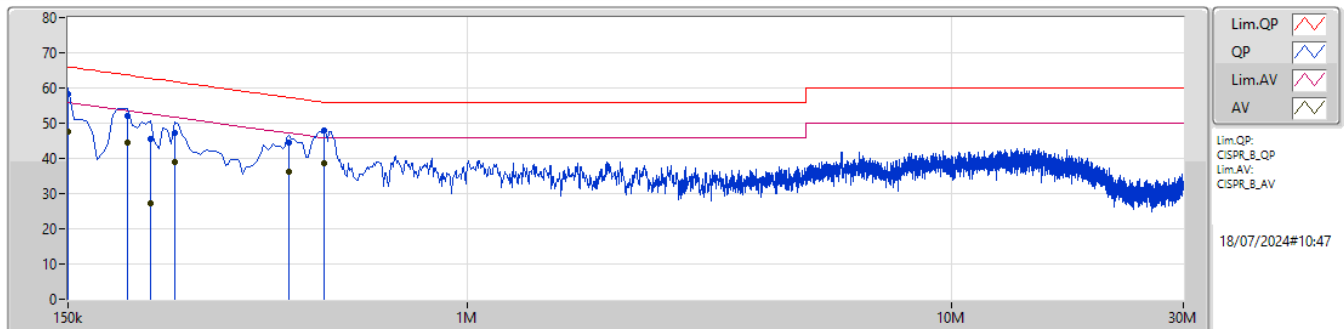
Conducted Emissions at Powerline

Appendix A

Summary

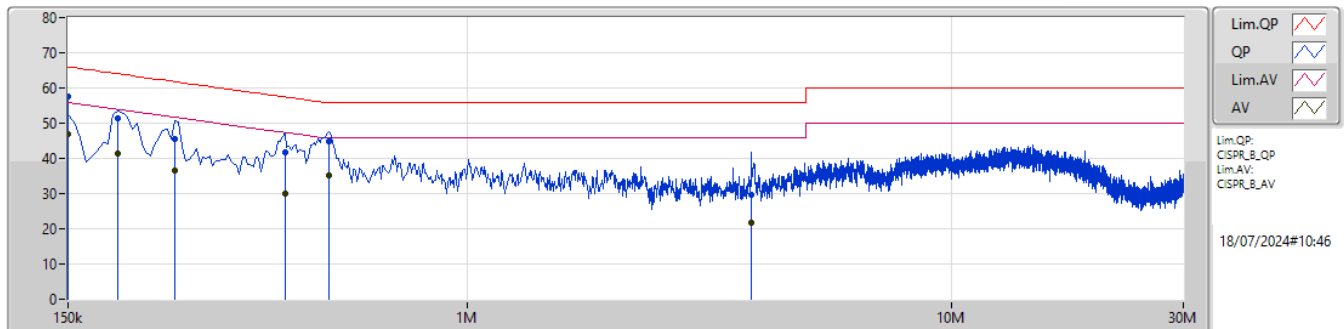
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	505.5k	38.51	46.00	-7.49	Line

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT						
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)						
QP	150k	58.19	66.00	-7.81	9.94	Line	-	48.25	0.05	0.02	9.87						
AV	150k	47.75	56.00	-8.25	9.94	Line	-	37.81	0.05	0.02	9.87						
QP	199.5k	51.93	63.63	-11.70	9.92	Line	-	42.01	0.05	0.02	9.85						
AV	199.5k	44.43	53.63	-9.20	9.92	Line	-	34.51	0.05	0.02	9.85						
QP	222k	45.68	62.75	-17.07	9.93	Line	-	35.75	0.05	0.02	9.86						
AV	222k	27.28	52.75	-25.47	9.93	Line	-	17.35	0.05	0.02	9.86						
QP	249k	47.17	61.79	-14.62	9.93	Line	-	37.24	0.05	0.02	9.86						
AV	249k	38.89	51.79	-12.90	9.93	Line	-	28.96	0.05	0.02	9.86						
QP	429k	44.36	57.28	-12.92	9.96	Line	-	34.40	0.05	0.02	9.89						
AV	429k	36.19	47.28	-11.09	9.96	Line	-	26.23	0.05	0.02	9.89						
QP	505.5k	48.03	56.00	-7.97	9.98	Line	-	38.05	0.06	0.02	9.90						
AV	505.5k	38.51	46.00	-7.49	9.98	Line	"Worst"	28.53	0.06	0.02	9.90						

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	57.52	66.00	-8.48	9.94	Neutral	"Worst"	47.58	0.05	0.02	9.87						
AV	150k	47.00	56.00	-9.00	9.94	Neutral	-	37.06	0.05	0.02	9.87						
QP	190.5k	51.26	64.01	-12.75	9.92	Neutral	-	41.34	0.05	0.02	9.85						
AV	190.5k	41.26	54.01	-12.75	9.92	Neutral	-	31.34	0.05	0.02	9.85						
QP	249k	45.57	61.79	-16.22	9.93	Neutral	-	35.64	0.05	0.02	9.86						
AV	249k	36.57	51.79	-15.22	9.93	Neutral	-	26.64	0.05	0.02	9.86						
QP	420k	41.61	57.45	-15.84	9.96	Neutral	-	31.65	0.05	0.02	9.89						
AV	420k	29.94	47.45	-17.51	9.96	Neutral	-	19.98	0.05	0.02	9.89						
QP	519k	44.79	56.00	-11.21	9.97	Neutral	-	34.82	0.05	0.02	9.90						
AV	519k	35.16	46.00	-10.84	9.97	Neutral	-	25.19	0.05	0.02	9.90						
QP	3.858M	29.76	56.00	-26.24	10.15	Neutral	-	19.61	0.11	0.14	9.90						
AV	3.858M	21.87	46.00	-24.13	10.15	Neutral	-	11.72	0.11	0.14	9.90						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	8.05M	11.483M	11M5G1D	7.575M	11.302M
802.11g_Nss1,(6Mbps)_2TX	16.55M	16.888M	16M9D1D	16.475M	16.601M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.125M	19.223M	19M2D1D	19.075M	19.022M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.65M	38.359M	38M4D1D	38.15M	37.74M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

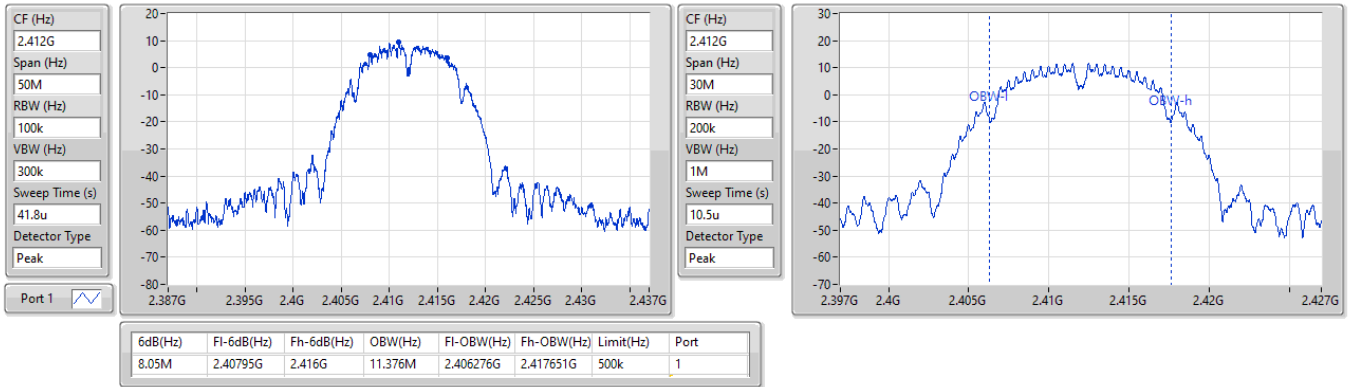
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.05M	11.376M	-	-
2437MHz	Pass	500k	8.025M	11.483M	-	-
2462MHz	Pass	500k	7.575M	11.302M	-	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.55M	16.601M	16.525M	16.888M
2437MHz	Pass	500k	16.55M	16.785M	16.525M	16.764M
2462MHz	Pass	500k	16.55M	16.774M	16.475M	16.819M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.075M	19.058M	19.125M	19.184M
2437MHz	Pass	500k	19.075M	19.064M	19.1M	19.022M
2462MHz	Pass	500k	19.075M	19.223M	19.1M	19.052M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	38.65M	37.931M	38.15M	38.359M
2437MHz	Pass	500k	38.2M	38.092M	38.25M	37.74M
2452MHz	Pass	500k	38.2M	38.264M	38.2M	37.837M

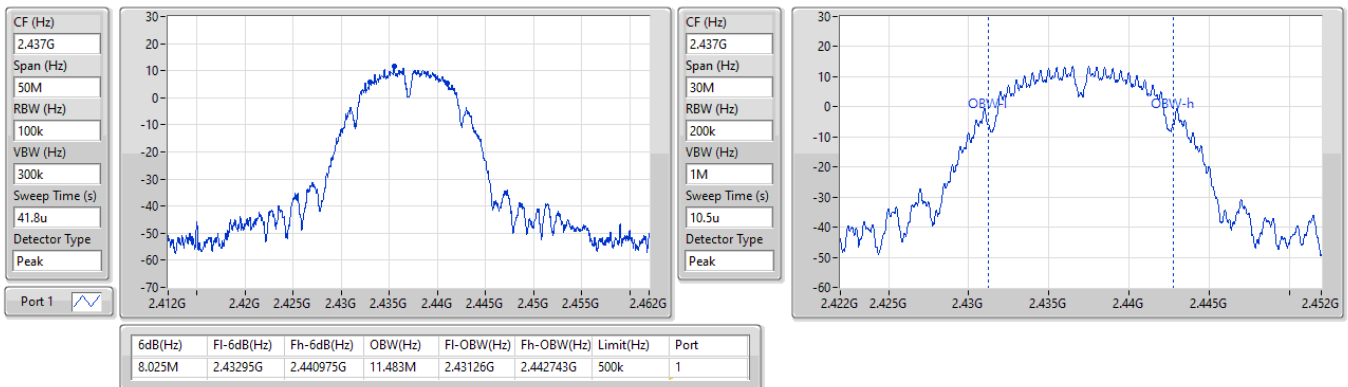
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2412MHz

29/07/2024

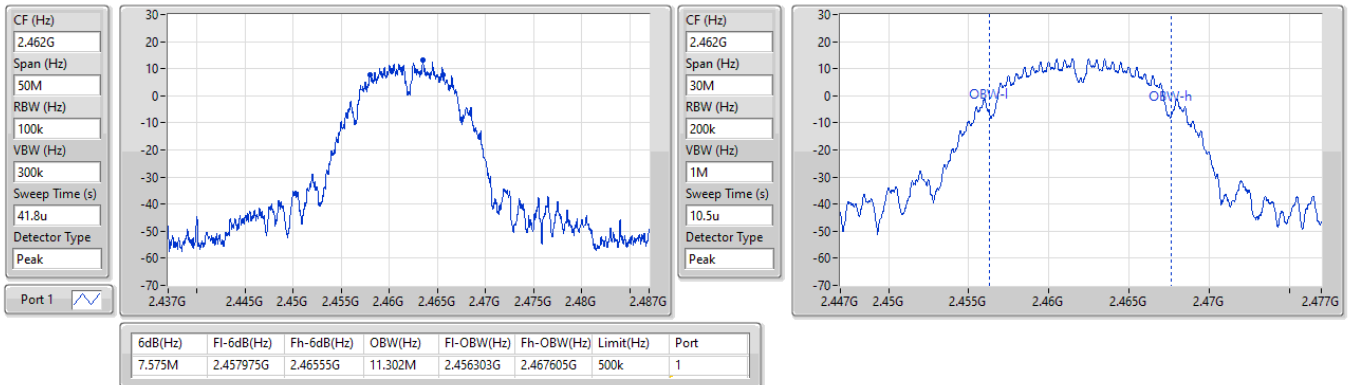

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2437MHz

29/07/2024

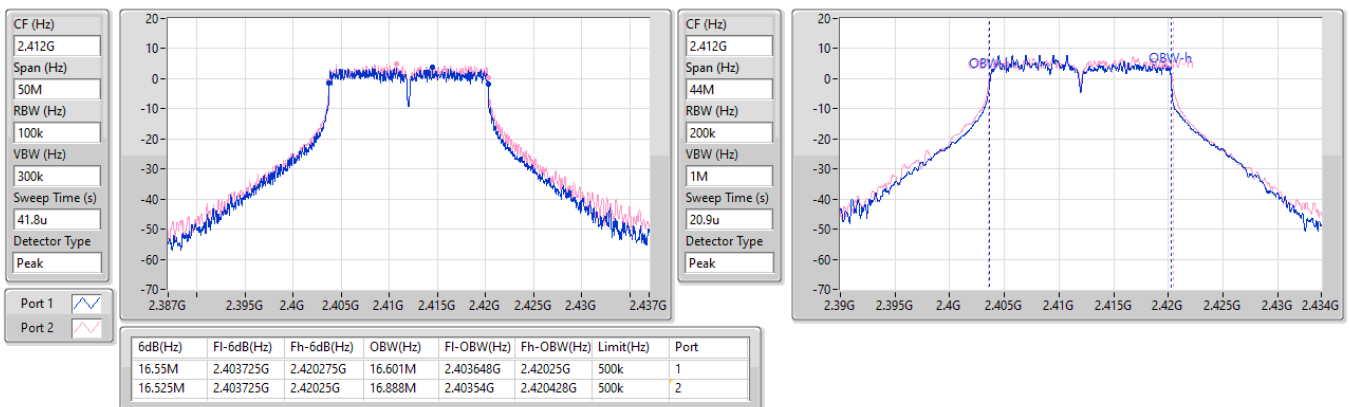


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX
EBW
2462MHz

29/07/2024


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2412MHz

29/07/2024

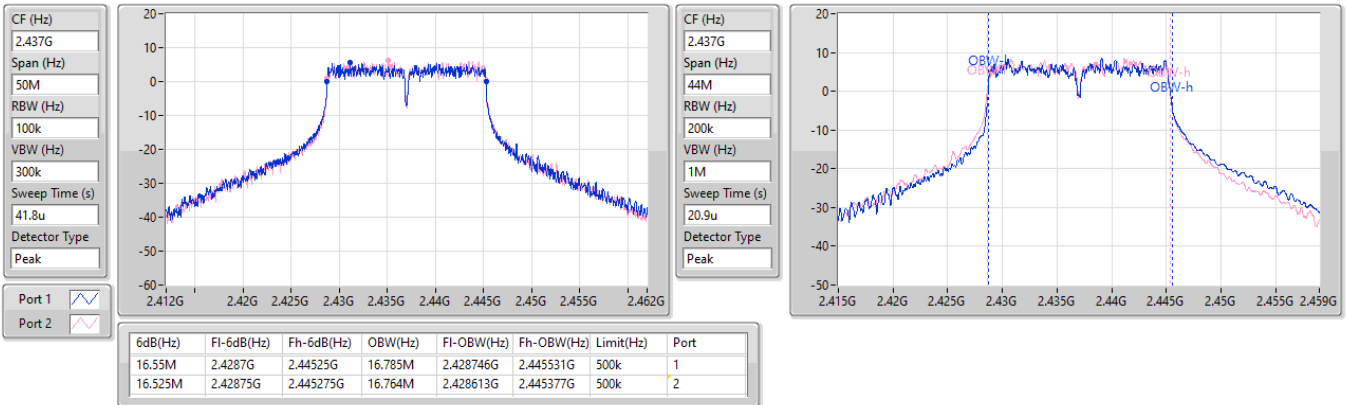


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

29/07/2024

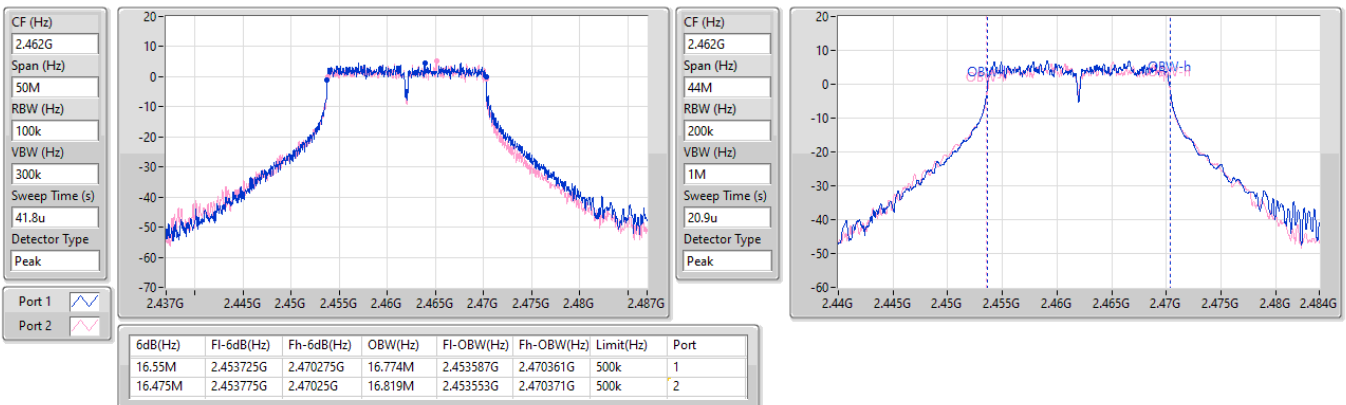


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

29/07/2024

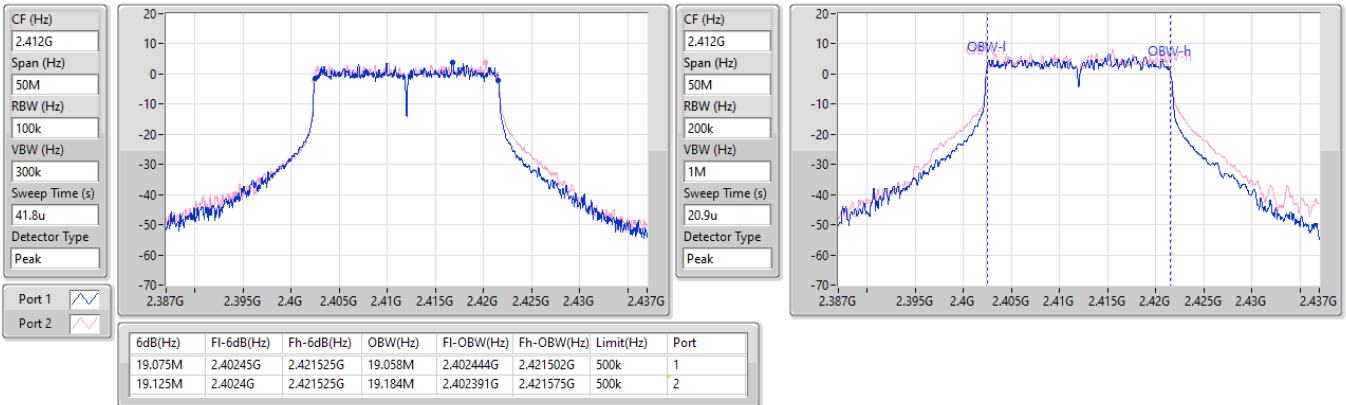


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

29/07/2024

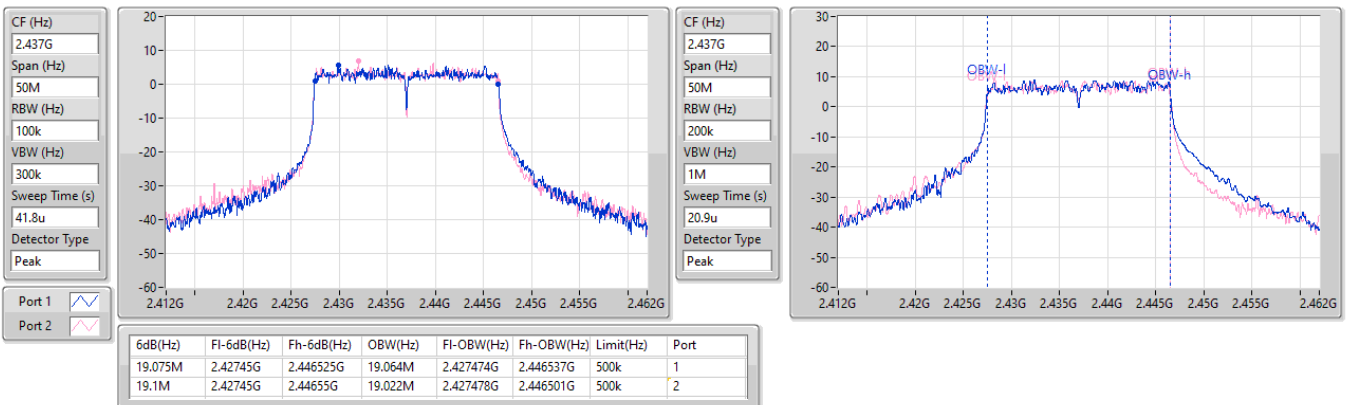


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

29/07/2024

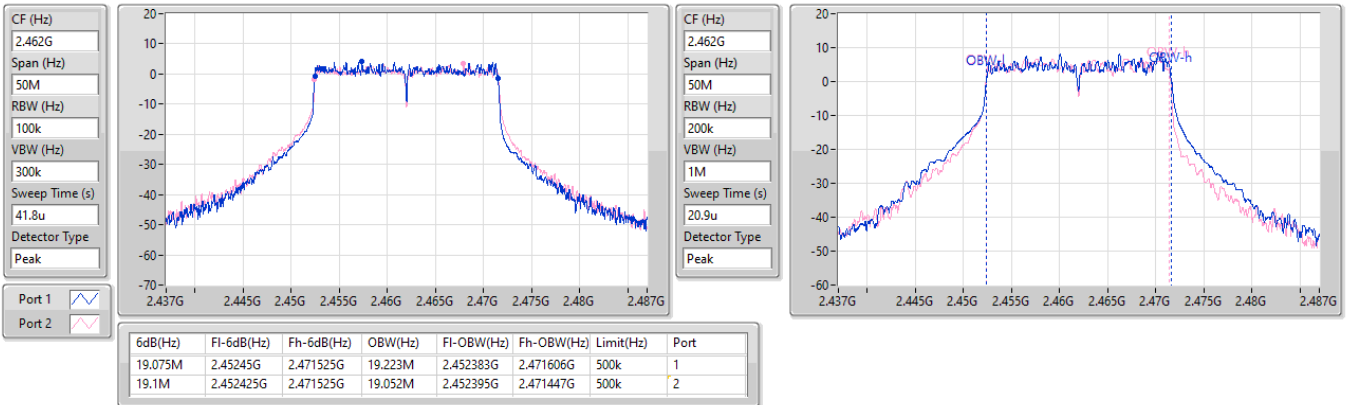


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

29/07/2024

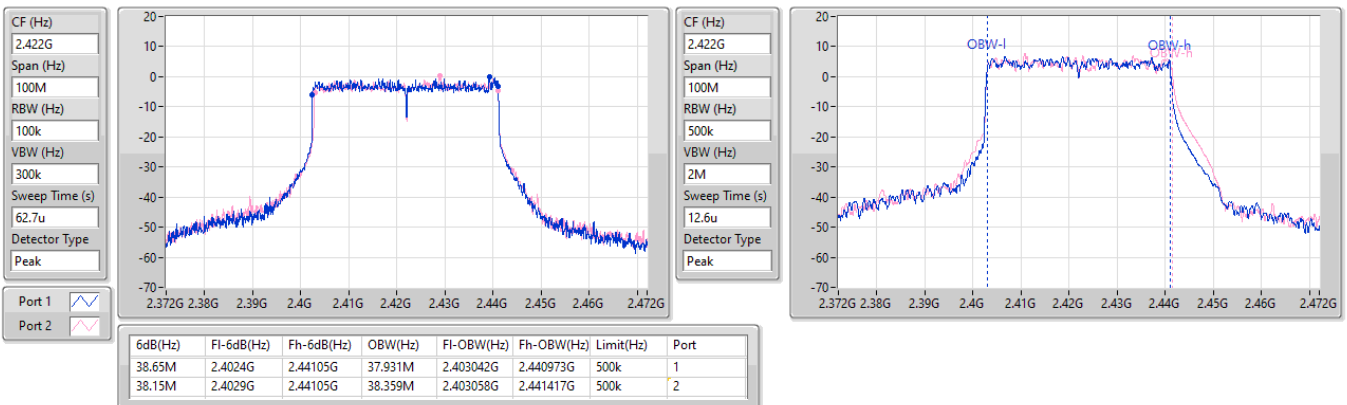


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

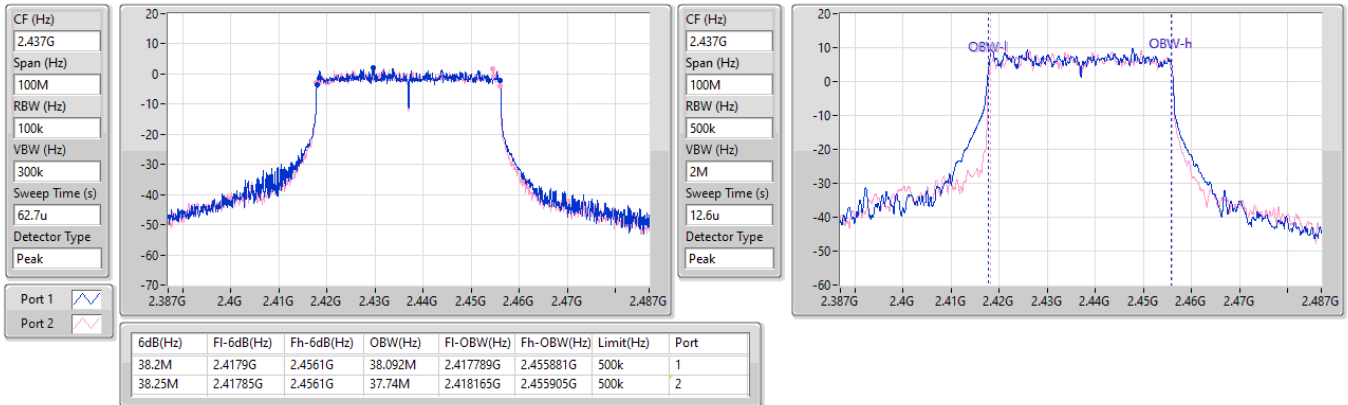
2422MHz

29/07/2024

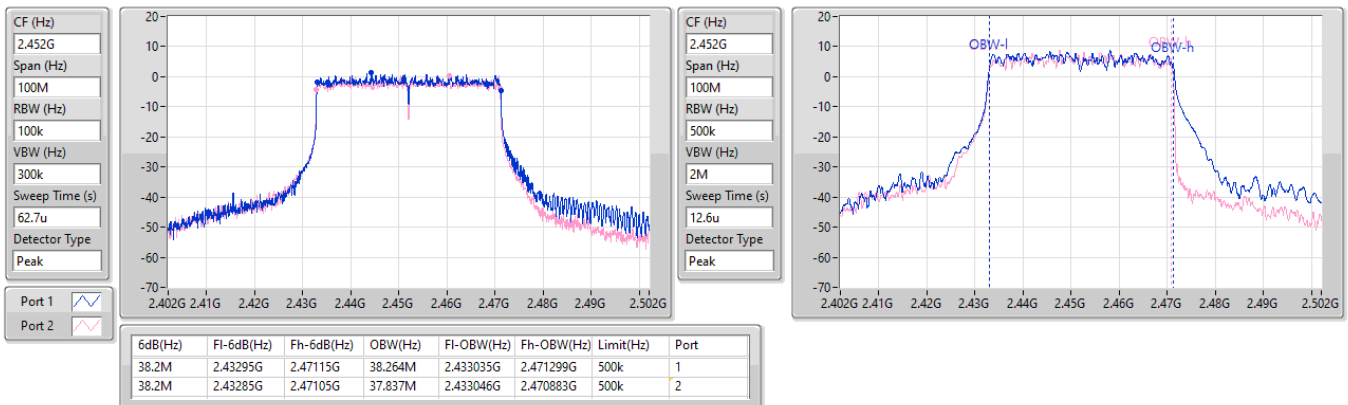


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2437MHz

29/07/2024


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
2452MHz

29/07/2024





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	21.86	0.15346
802.11g_Nss1,(6Mbps)_2TX	23.47	0.22233
802.11ax HEW20_Nss1,(MCS0)_2TX	23.90	0.24547
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.90	0.24547
802.11ax HEW40_Nss1,(MCS0)_2TX	22.36	0.17219
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.36	0.17219

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.69	19.7	-	19.70	30.00
2437MHz	Pass	2.69	21.49	-	21.49	30.00
2462MHz	Pass	2.69	21.86	-	21.86	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.84	18.38	19.19	21.81	30.00
2417MHz	Pass	5.84	19.94	20.81	23.41	30.00
2437MHz	Pass	5.84	20.34	20.57	23.47	30.00
2457MHz	Pass	5.84	19.64	19.37	22.52	30.00
2462MHz	Pass	5.84	18.83	18.41	21.64	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.84	17.94	18.5	21.24	30.00
2417MHz	Pass	5.84	19.8	20.65	23.26	30.00
2437MHz	Pass	5.84	20.79	20.98	23.90	30.00
2457MHz	Pass	5.84	20.18	19.95	23.08	30.00
2462MHz	Pass	5.84	19.1	18.86	21.99	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.84	17.43	17.3	20.38	30.00
2437MHz	Pass	5.84	19.47	19.22	22.36	30.00
2452MHz	Pass	5.84	18.93	18.18	21.58	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.84	17.94	18.5	21.24	30.00
2417MHz	Pass	5.84	19.8	20.65	23.26	30.00
2437MHz	Pass	5.84	20.79	20.98	23.90	30.00
2457MHz	Pass	5.84	20.18	19.95	23.08	30.00
2462MHz	Pass	5.84	19.1	18.86	21.99	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.84	17.43	17.3	20.38	30.00
2437MHz	Pass	5.84	19.47	19.22	22.36	30.00
2452MHz	Pass	5.84	18.93	18.18	21.58	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-1.24
802.11g_Nss1,(6Mbps)_2TX	-3.07
802.11ax HEW20_Nss1,(MCS0)_2TX	-4.43
802.11ax HEW40_Nss1,(MCS0)_2TX	-8.28

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-
2412MHz	Pass	2.69	-5.53	-	-5.53	8.00
2437MHz	Pass	2.69	-2.17	-	-2.17	8.00
2462MHz	Pass	2.69	-1.24	-	-1.24	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.84	-7.84	-6.96	-4.68	8.00
2437MHz	Pass	5.84	-5.56	-5.47	-3.07	8.00
2462MHz	Pass	5.84	-7.33	-8.64	-5.45	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.84	-9.63	-8.63	-7.11	8.00
2437MHz	Pass	5.84	-6.39	-6.38	-4.43	8.00
2462MHz	Pass	5.84	-8.42	-8.64	-5.52	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.84	-12.74	-13.59	-10.95	8.00
2437MHz	Pass	5.84	-11.46	-11.44	-8.60	8.00
2452MHz	Pass	5.84	-11.43	-11.15	-8.28	8.00

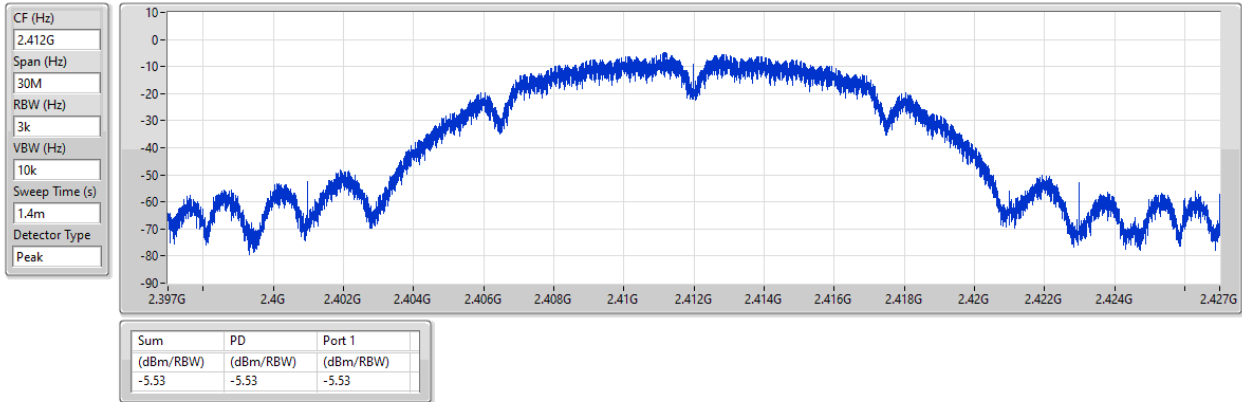
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2412MHz

29/07/2024

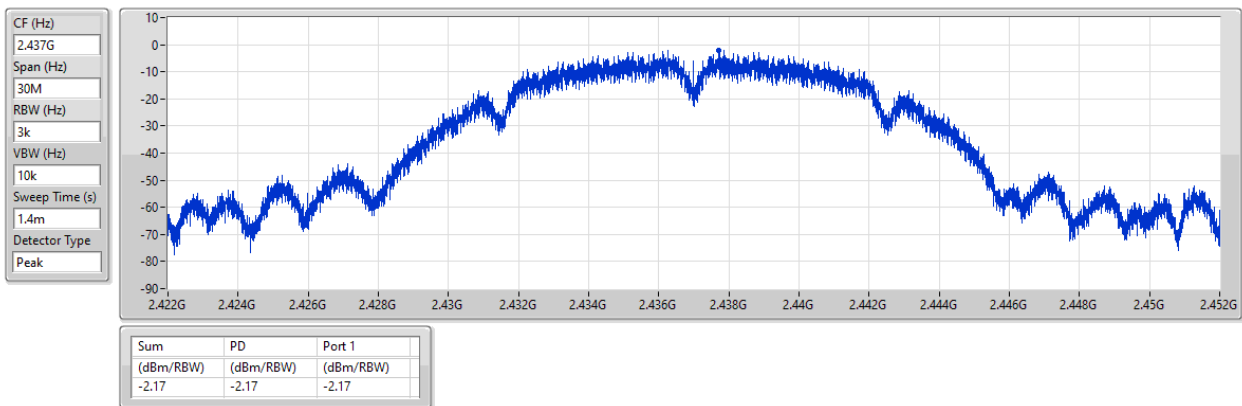


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

29/07/2024

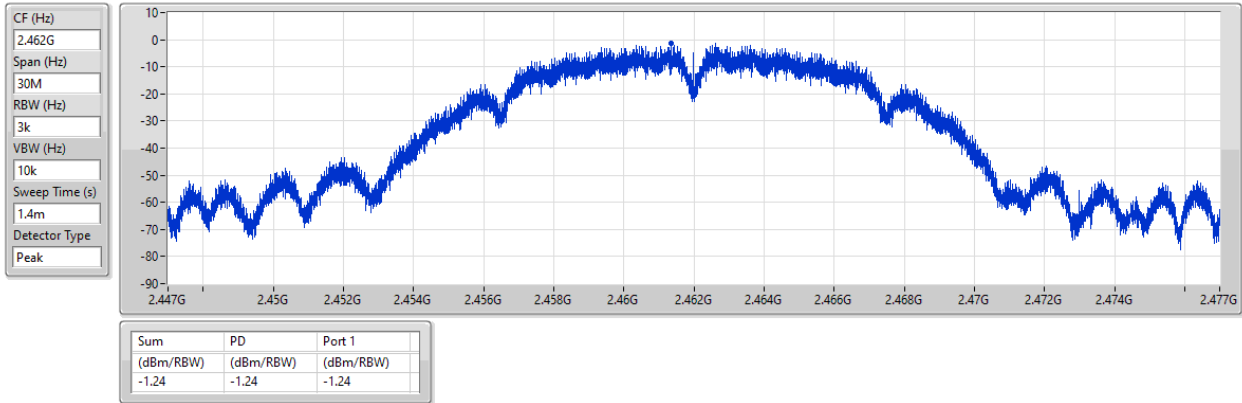


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

29/07/2024

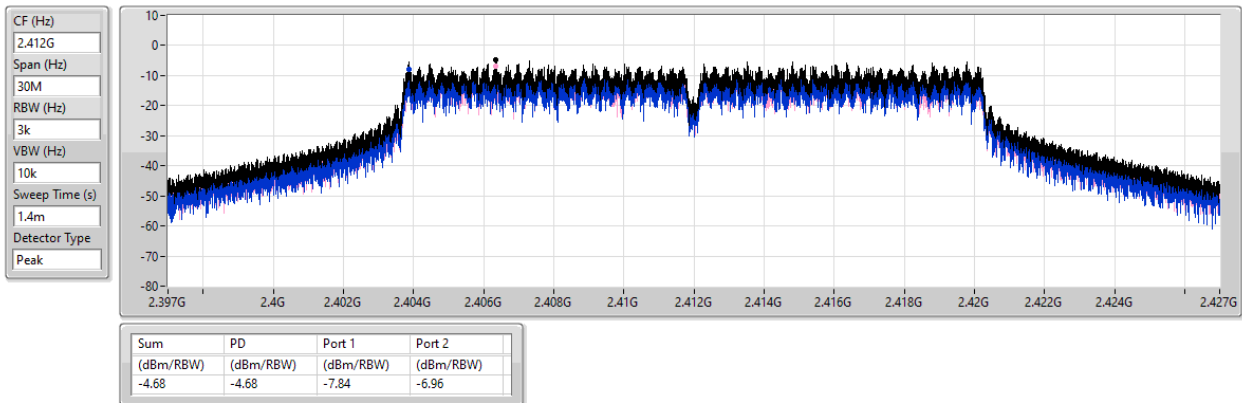


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

29/07/2024

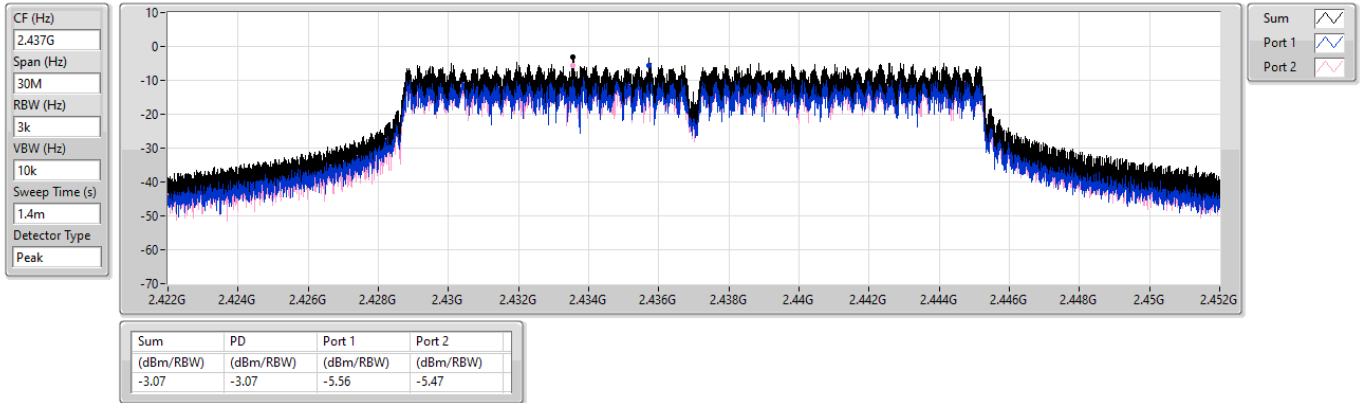


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

29/07/2024

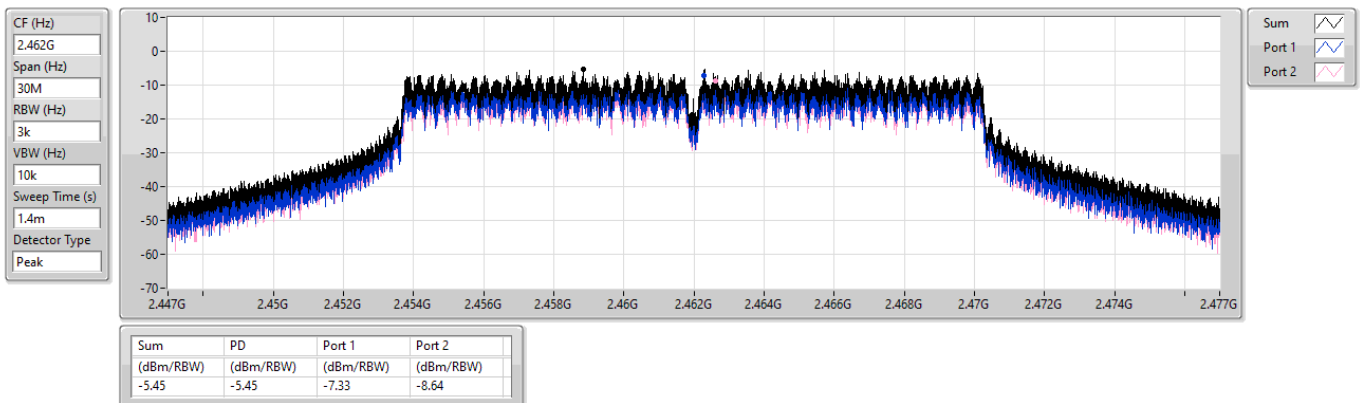


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

29/07/2024

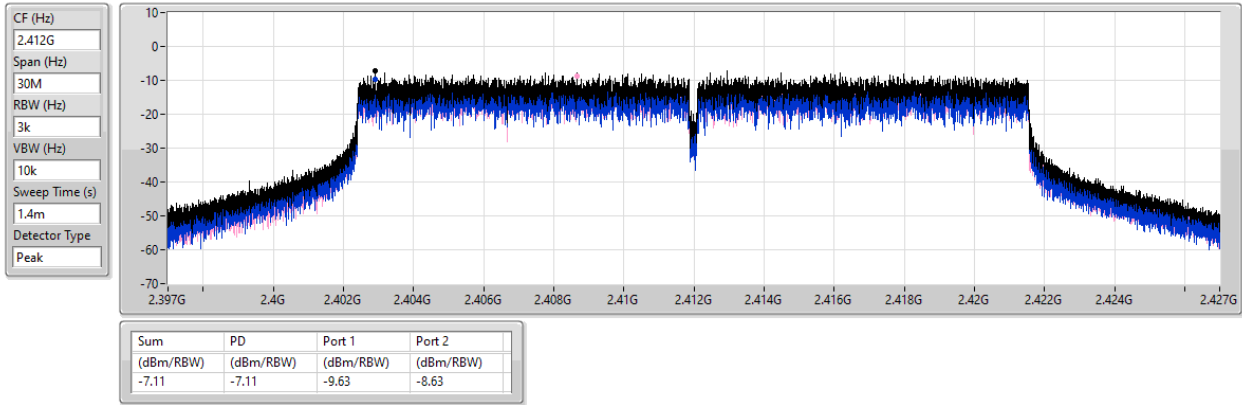


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

29/07/2024

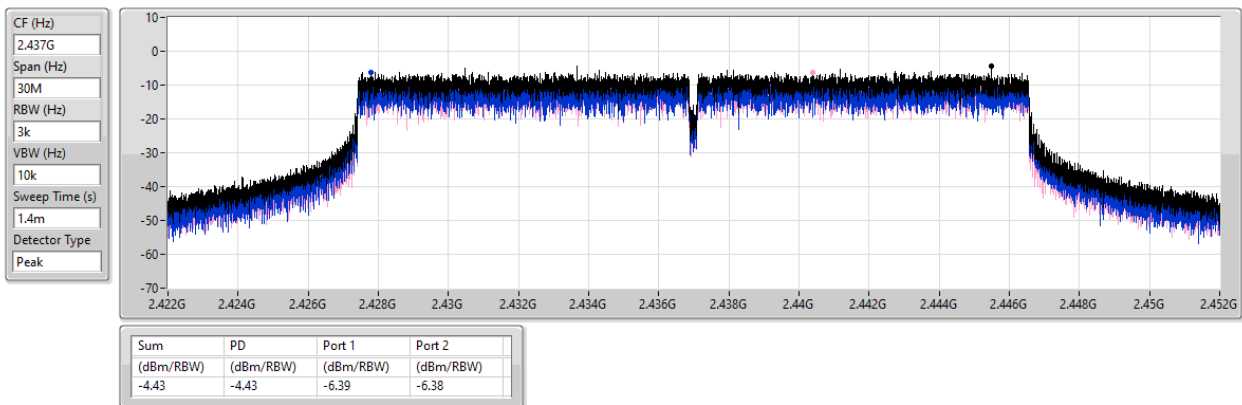


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

29/07/2024

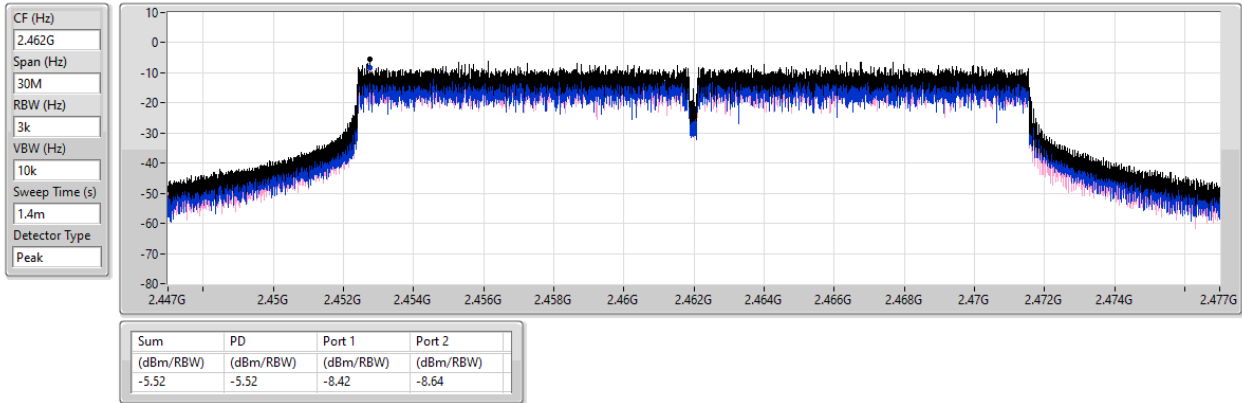


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

29/07/2024

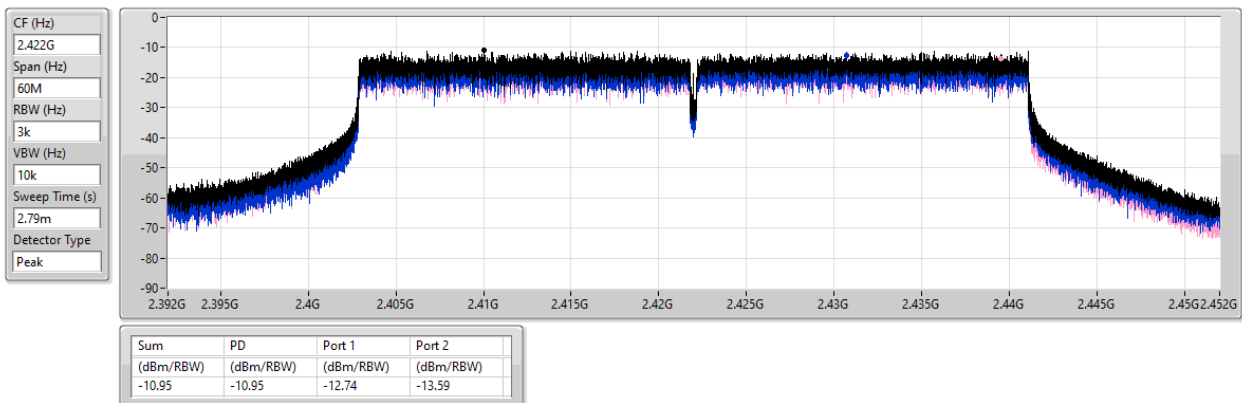


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

29/07/2024

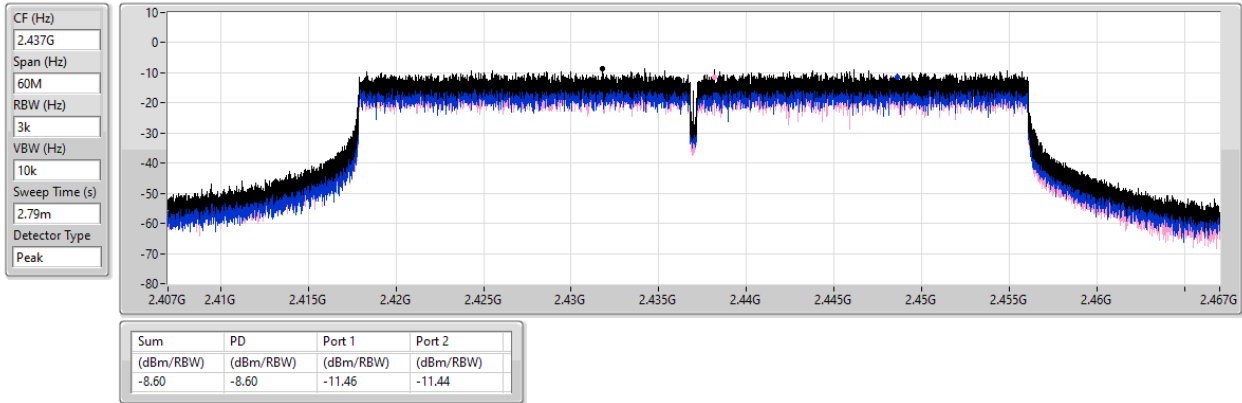


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

29/07/2024

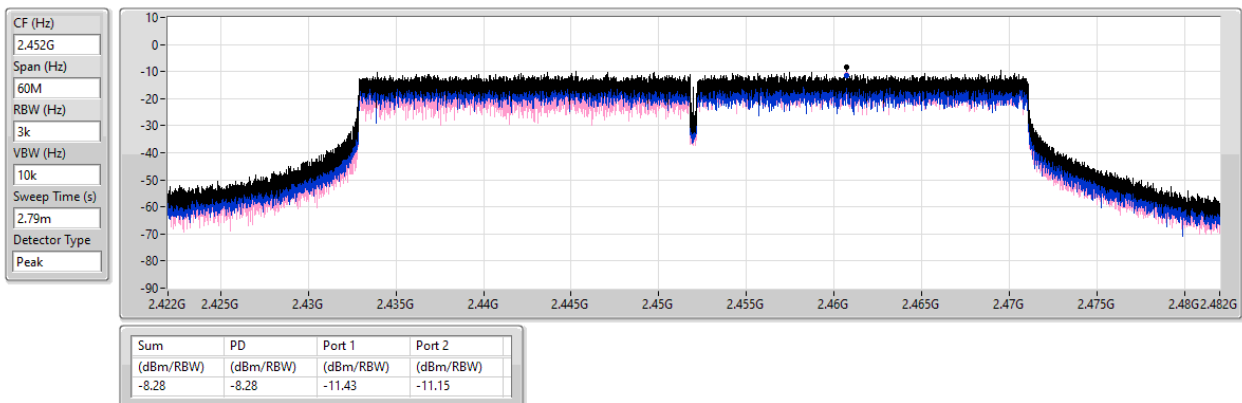


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

29/07/2024





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.46045G	13.26	-16.74	2.30991G	-45.69	2.39832G	-36.09	2.4G	-36.85	2.50798G	-40.06	7.23233G	-44.77	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.4319G	8.81	-21.19	2.30758G	-51.77	2.39984G	-23.31	2.4G	-22.45	2.51958G	-48.41	21.97129G	-45.54	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.44192G	9.61	-20.39	2.30059G	-52.69	2.4G	-20.57	2.4G	-20.97	2.52142G	-50.12	21.99658G	-45.92	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.42071G	4.83	-25.17	2.30397G	-52.72	2.4G	-27.85	2.4G	-26.33	2.51598G	-49.17	21.45503G	-45.96	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46045G	13.26	-16.74	2.30991G	-45.69	2.39832G	-36.09	2.4G	-36.85	2.50798G	-40.06	7.23233G	-44.77	1
2437MHz	Pass	2.46045G	13.26	-16.74	2.30641G	-49.51	2.39008G	-44.55	2.4G	-47.56	2.51102G	-39.21	21.651G	-46.28	1
2462MHz	Pass	2.46045G	13.26	-16.74	2.30641G	-49.59	2.396G	-44.66	2.4G	-44.74	2.50198G	-43.13	2.54598G	-42.84	1
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	8.81	-21.19	2.30758G	-51.77	2.39984G	-23.31	2.4G	-22.45	2.51958G	-48.41	21.97129G	-45.54	1
2412MHz	Pass	2.4319G	8.81	-21.19	2.30525G	-49.32	2.39976G	-23.29	2.4G	-23.50	2.52326G	-46.53	6.93451G	-45.84	2
2437MHz	Pass	2.4319G	8.81	-21.19	2.30292G	-50.30	2.3992G	-46.25	2.4G	-46.85	2.50006G	-48.20	21.95724G	-45.38	1
2437MHz	Pass	2.4319G	8.81	-21.19	2.30991G	-48.83	2.39832G	-47.05	2.4G	-44.94	2.52262G	-47.32	23.3255G	-45.87	2
2462MHz	Pass	2.4319G	8.81	-21.19	2.30408G	-50.28	2.3944G	-48.46	2.4G	-50.19	2.50222G	-49.79	21.74091G	-45.70	1
2462MHz	Pass	2.4319G	8.81	-21.19	2.30641G	-50.44	2.39016G	-49.42	2.4G	-51.51	2.51918G	-49.93	21.43467G	-45.19	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	9.61	-20.39	2.30059G	-52.69	2.4G	-20.57	2.4G	-20.97	2.52142G	-50.12	21.99658G	-45.92	1
2412MHz	Pass	2.44192G	9.61	-20.39	2.1771G	-51.29	2.4G	-21.30	2.4G	-21.25	2.52166G	-48.43	21.88981G	-45.90	2
2437MHz	Pass	2.44192G	9.61	-20.39	2.30758G	-49.10	2.39576G	-46.99	2.4G	-45.46	2.50454G	-47.29	7.23514G	-45.84	1
2437MHz	Pass	2.44192G	9.61	-20.39	2.30991G	-47.36	2.39992G	-45.95	2.4G	-46.67	2.5195G	-45.59	21.50771G	-45.63	2
2462MHz	Pass	2.44192G	9.61	-20.39	2.30175G	-48.25	2.3916G	-47.10	2.4G	-50.76	2.51846G	-49.03	21.75776G	-45.99	1
2462MHz	Pass	2.44192G	9.61	-20.39	2.30175G	-50.17	2.39456G	-46.82	2.4G	-52.40	2.51222G	-49.75	21.99096G	-45.60	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42071G	4.83	-25.17	2.30397G	-52.72	2.4G	-27.85	2.4G	-26.33	2.51598G	-49.17	21.45503G	-45.96	1
2422MHz	Pass	2.42071G	4.83	-25.17	2.1952G	-51.61	2.4G	-28.54	2.4G	-28.12	2.56014G	-45.49	21.99351G	-44.96	2
2437MHz	Pass	2.42071G	4.83	-25.17	2.30397G	-49.77	2.39952G	-35.75	2.4G	-37.98	2.5571G	-47.01	21.81963G	-45.48	1
2437MHz	Pass	2.42071G	4.83	-25.17	2.30397G	-48.56	2.39952G	-36.59	2.4G	-37.23	2.55998G	-46.05	21.97107G	-45.09	2
2452MHz	Pass	2.42071G	4.83	-25.17	2.19863G	-51.32	2.39904G	-45.55	2.4G	-48.85	2.50062G	-44.43	21.40175G	-46.02	1
2452MHz	Pass	2.42071G	4.83	-25.17	2.3097G	-50.02	2.39792G	-48.29	2.4G	-49.62	2.56014G	-46.61	21.96827G	-45.71	2

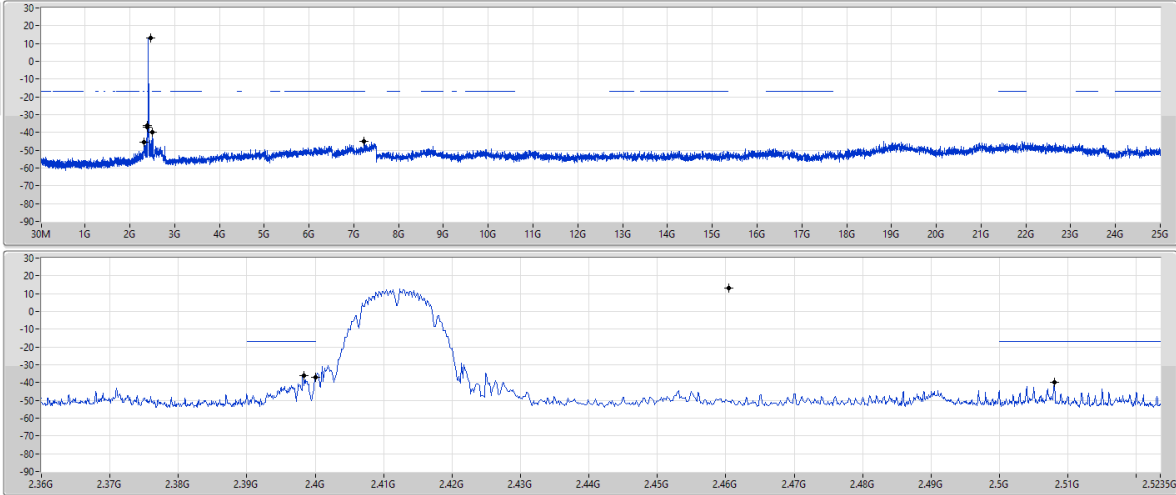
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4045G	13.26	-16.74	2.30991G	-45.69	2.39832G	-36.09	2.4G	-36.85	2.50798G	-40.06	2.23233G	-44.77	1

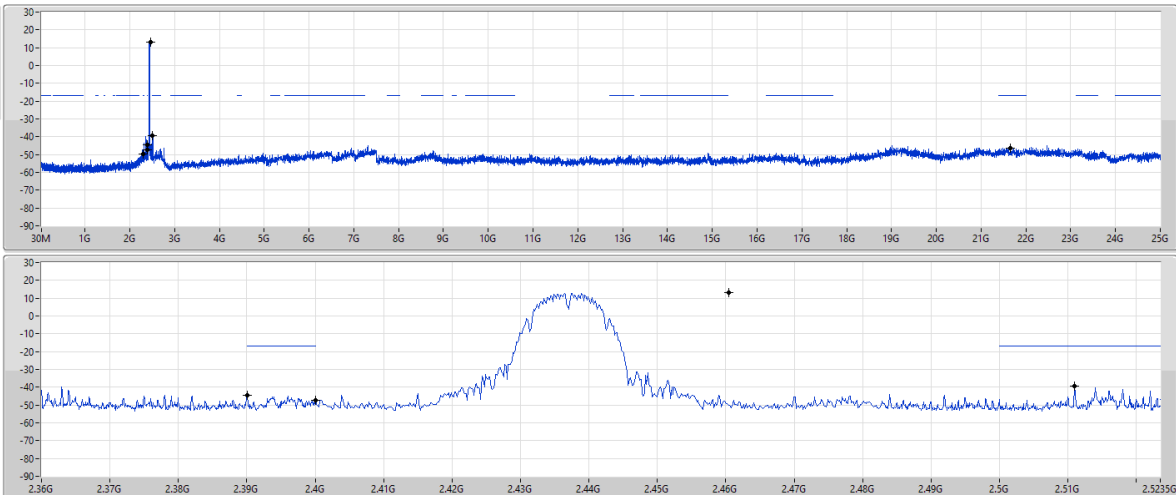
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2437MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

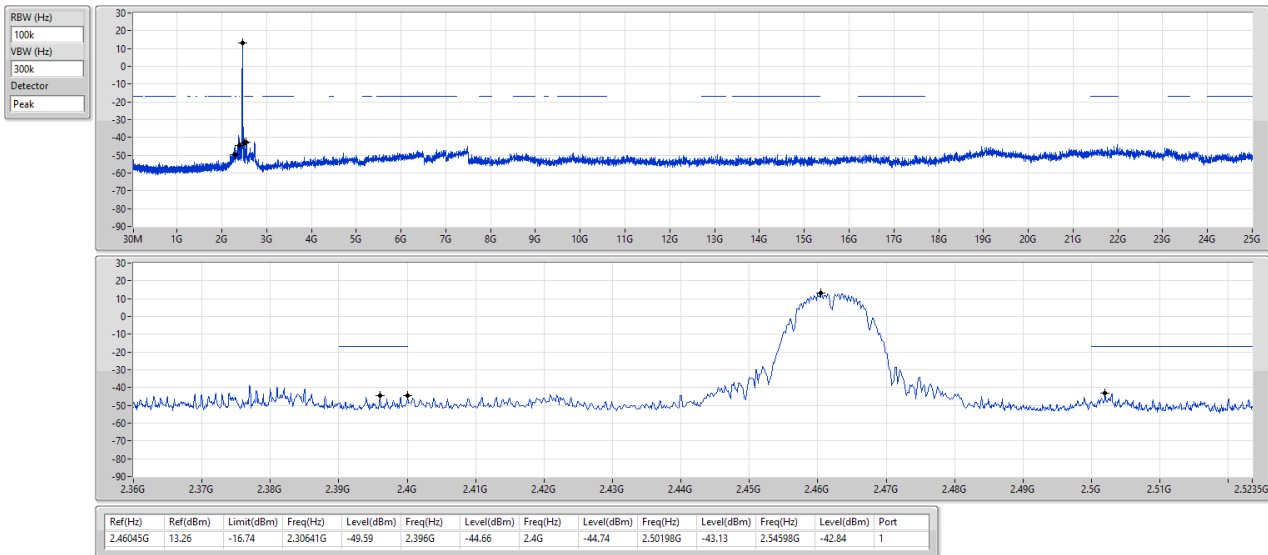


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4045G	13.26	-16.74	2.30641G	-49.51	2.39008G	-44.55	2.4G	-47.56	2.51102G	-39.21	2.1651G	-46.28	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

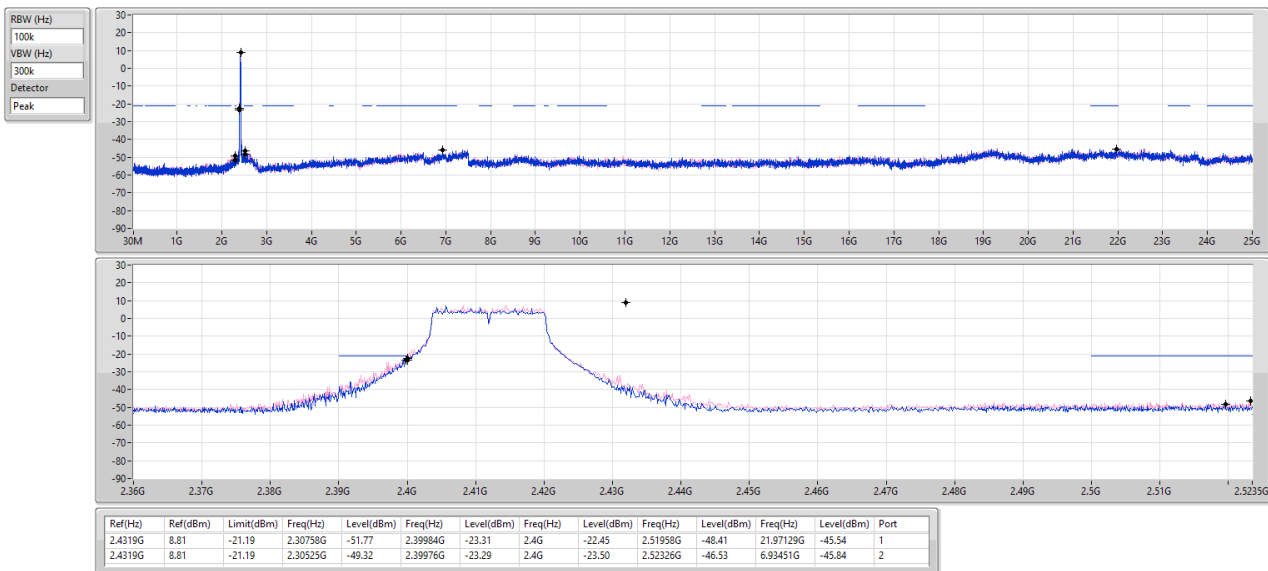
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

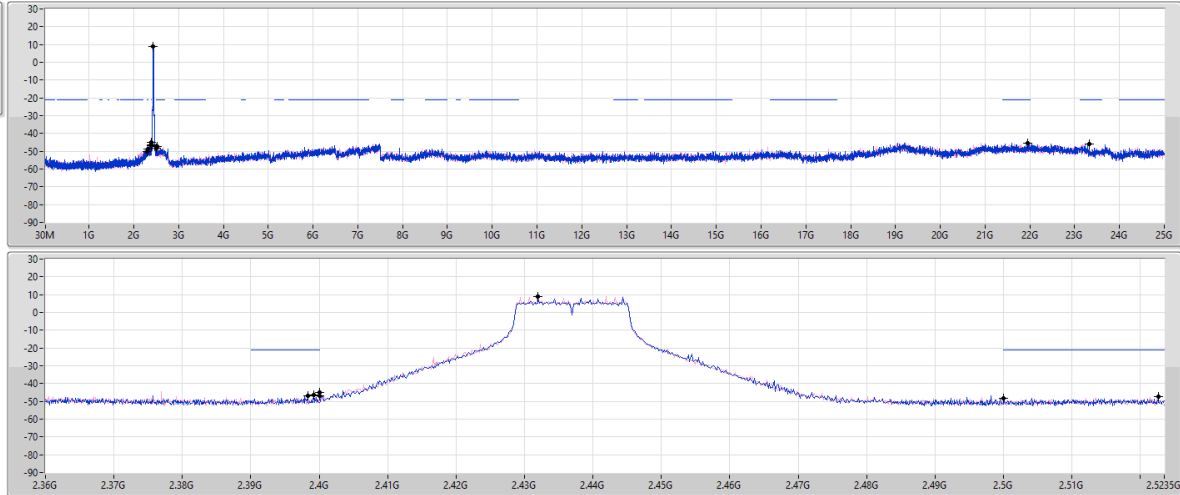
CSEndB

2437MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	8.81	-21.19	2.30292G	-50.30	2.3992G	-46.25	2.4G	-46.85	2.50006G	-48.20	21.95724G	-45.38	1
2.4319G	8.81	-21.19	2.30991G	-48.83	2.39832G	-47.05	2.4G	-44.94	2.52262G	-47.32	23.3255G	-45.87	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

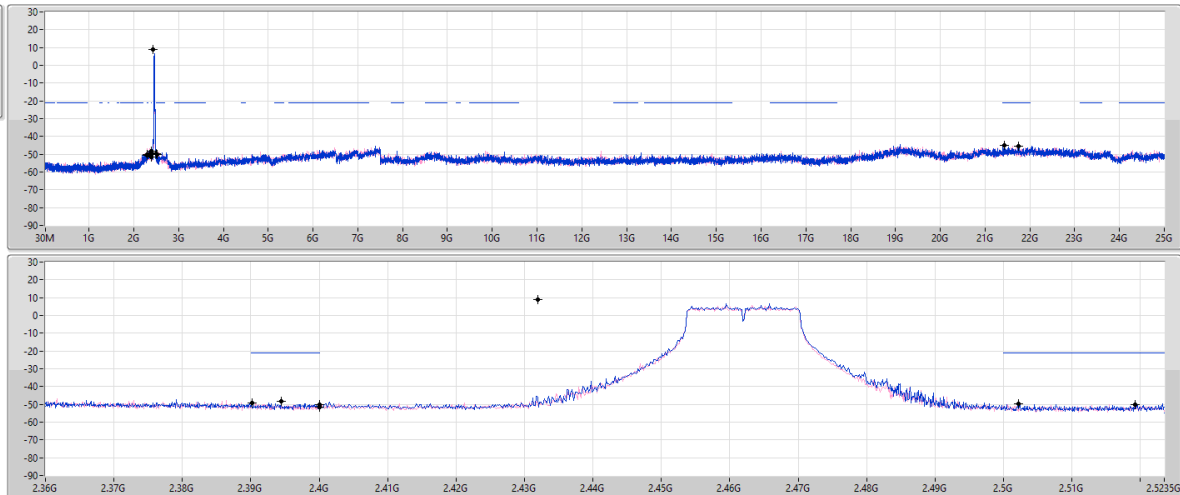
CSEndB

2462MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

Port 1
Port 2



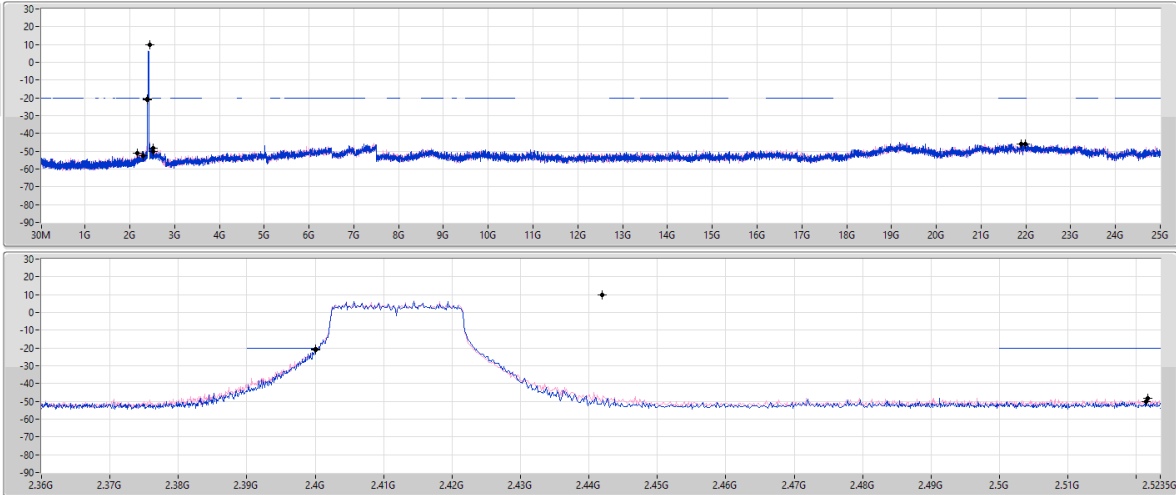
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4319G	8.81	-21.19	2.30408G	-50.28	2.3944G	-48.46	2.4G	-50.19	2.50222G	-49.79	21.74091G	-45.70	1
2.4319G	8.81	-21.19	2.30641G	-50.44	2.39016G	-49.42	2.4G	-51.51	2.51918G	-49.93	21.43467G	-45.19	2

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

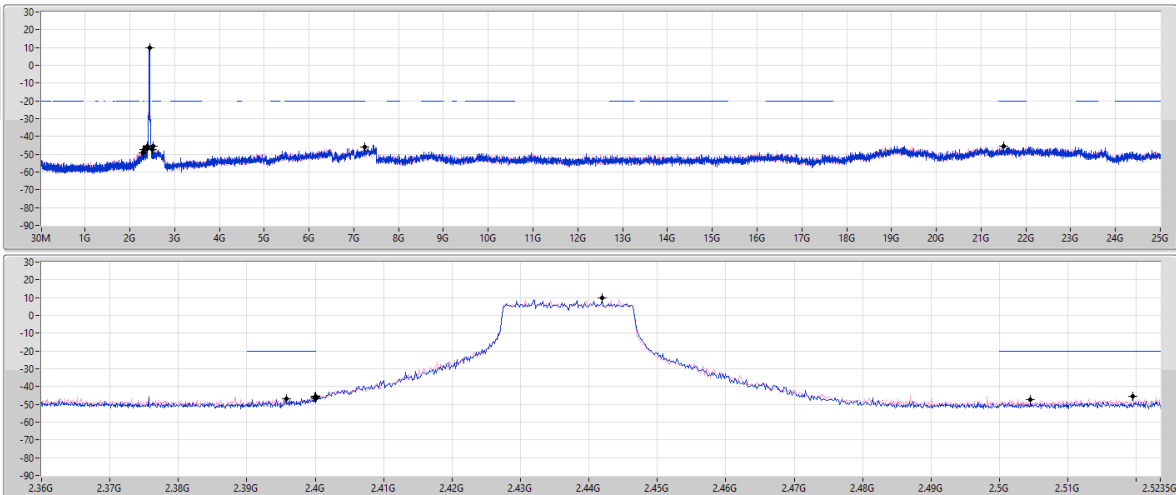
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	9.61	-20.39	2.30059G	-52.69	2.4G	-20.57	2.4G	-20.97	2.52142G	-50.12	21.99659G	-45.92	1
2.44192G	9.61	-20.39	2.1771G	-51.29	2.4G	-21.30	2.4G	-21.25	2.52166G	-48.43	21.88981G	-45.90	2

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2437MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

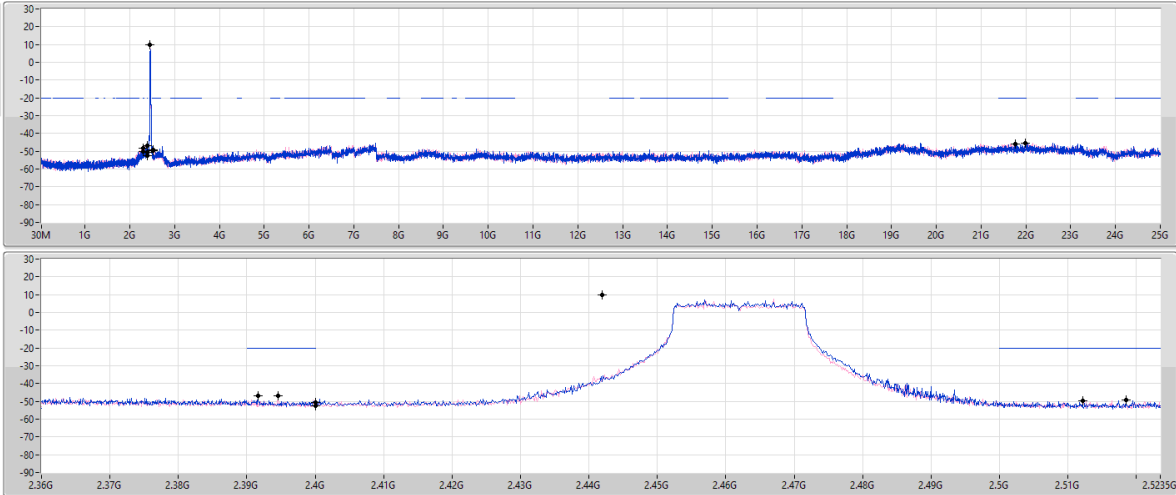
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	9.61	-20.39	2.30758G	-49.10	2.39578G	-46.99	2.4G	-45.46	2.50454G	-47.29	7.23514G	-45.84	1
2.44192G	9.61	-20.39	2.30991G	-47.36	2.39992G	-45.95	2.4G	-46.67	2.5195G	-45.59	21.50771G	-45.63	2

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2462MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

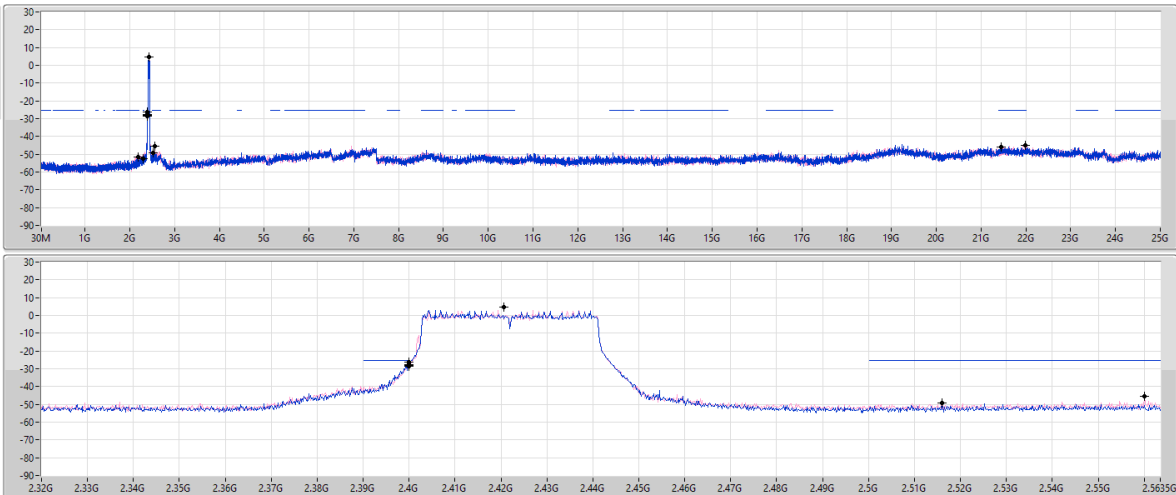
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	9.61	-20.39	2.30175G	-48.25	2.3916G	-47.10	2.4G	-50.76	2.51846G	-49.03	2.175776G	-45.99	1
2.44192G	9.61	-20.39	2.30175G	-50.17	2.39456G	-46.82	2.4G	-52.40	2.51222G	-49.75	2.199096G	-45.60	2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

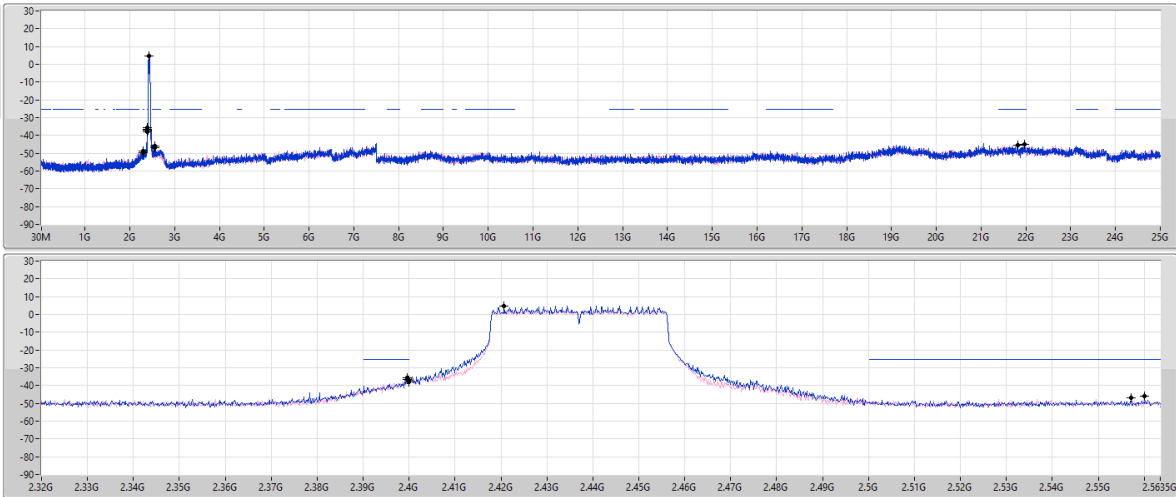
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42071G	4.83	-25.17	2.30397G	-52.72	2.4G	-27.85	2.4G	-26.33	2.51598G	-49.17	2.145503G	-45.96	1
2.42071G	4.83	-25.17	2.1952G	-51.61	2.4G	-28.54	2.4G	-28.12	2.56014G	-45.49	2.199351G	-44.96	2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2437MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

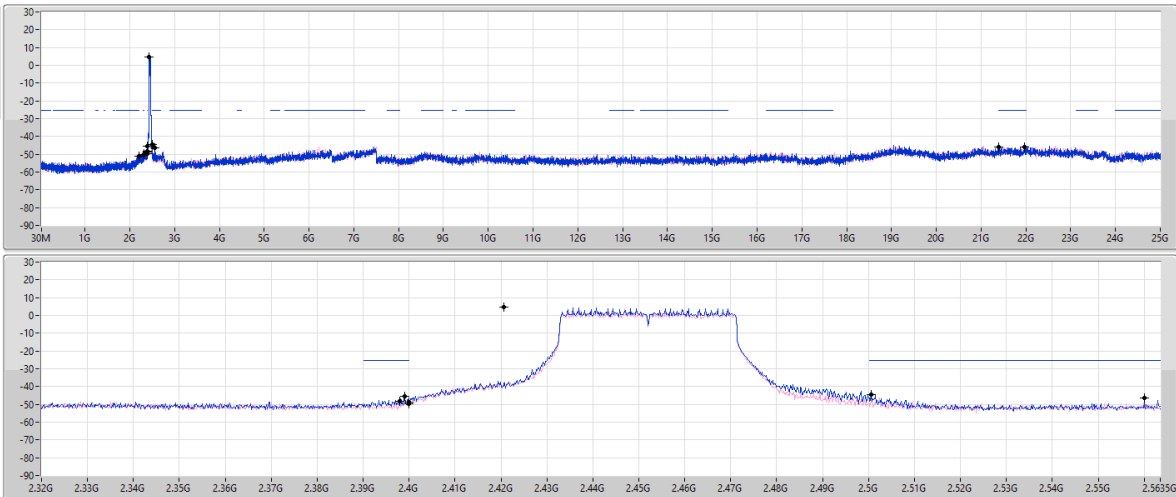
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42071G	4.83	-25.17	2.30397G	-49.77	2.39952G	-35.75	2.4G	-37.98	2.5571G	-47.01	21.81963G	-45.48	1
2.42071G	4.83	-25.17	2.30397G	-48.56	2.39952G	-36.59	2.4G	-37.23	2.55988G	-46.05	21.97107G	-45.09	2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2452MHz

29/07/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42071G	4.83	-25.17	2.19863G	-51.32	2.39904G	-45.55	2.4G	-48.85	2.50062G	-44.43	21.40175G	-46.02	1
2.42071G	4.83	-25.17	2.3097G	-50.02	2.39792G	-48.29	2.4G	-49.62	2.56014G	-46.61	21.96827G	-45.71	2



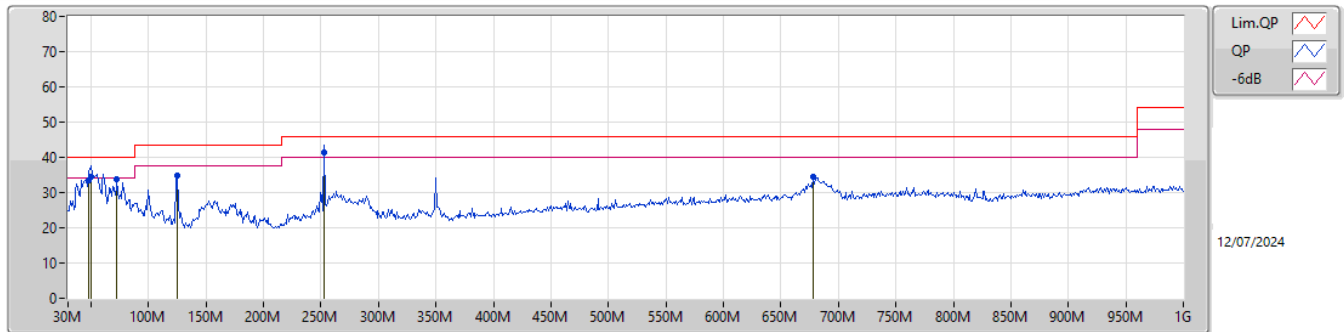
Radiated Emissions below 1GHz

Appendix F.1

Summary

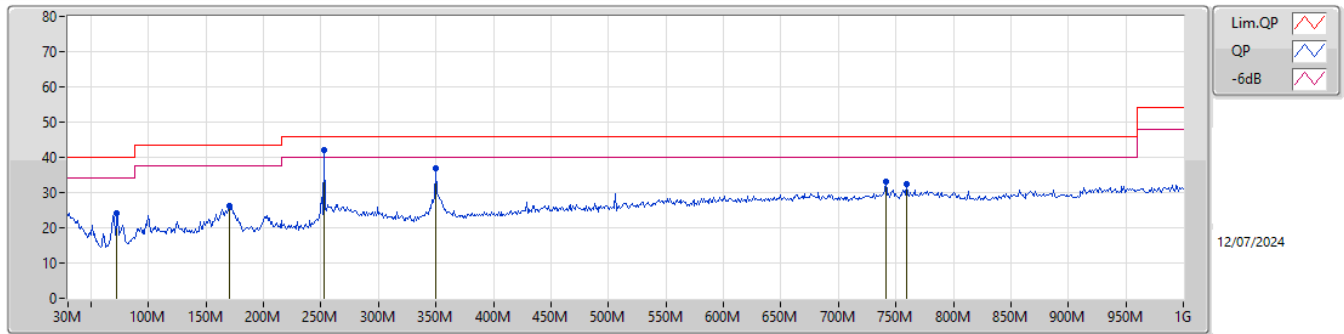
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	253.1M	41.96	46.00	-4.04	Horizontal

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	47.46M	33.56	40.00	-6.44	-15.50	3	Vertical	241	1.00	-	49.06	15.54	1.31	32.35		
QP	50.37M	34.60	40.00	-5.40	-16.55	3	Vertical	180	1.25	-	51.15	14.46	1.32	32.33		
PK	72.68M	33.69	40.00	-6.31	-18.37	3	Vertical	354	1.50	-	52.06	12.44	1.50	32.31		
PK	125.06M	34.76	43.50	-8.74	-12.36	3	Vertical	78	1.00	-	47.12	18.12	1.82	32.30		
QP	253.1M	41.31	46.00	-4.69	-11.23	3	Vertical	360	1.25	"Worst"	52.54	18.67	2.42	32.32		
PK	677.96M	34.45	46.00	-11.55	-2.72	3	Vertical	288	3.00	-	37.17	25.13	3.75	31.60		

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	72.68M	24.09	40.00	-15.91	-18.37	3	Horizontal	108	1.50	-	42.46	12.44	1.50	32.31		
PK	170.65M	26.22	43.50	-17.28	-14.50	3	Horizontal	172	2.00	-	40.72	15.79	2.04	32.33		
PK	253.1M	41.96	46.00	-4.04	-11.23	3	Horizontal	141	1.25	"Worst"	53.19	18.67	2.42	32.32		
PK	350.1M	37.02	46.00	-8.98	-8.86	3	Horizontal	44	1.50	-	45.88	20.19	2.79	31.84		
PK	741.01M	33.20	46.00	-12.80	-2.04	3	Horizontal	38	3.00	-	35.24	25.54	3.91	31.49		
PK	759.44M	32.32	46.00	-13.68	-1.86	3	Horizontal	30	1.25	-	34.18	25.63	3.95	31.44		

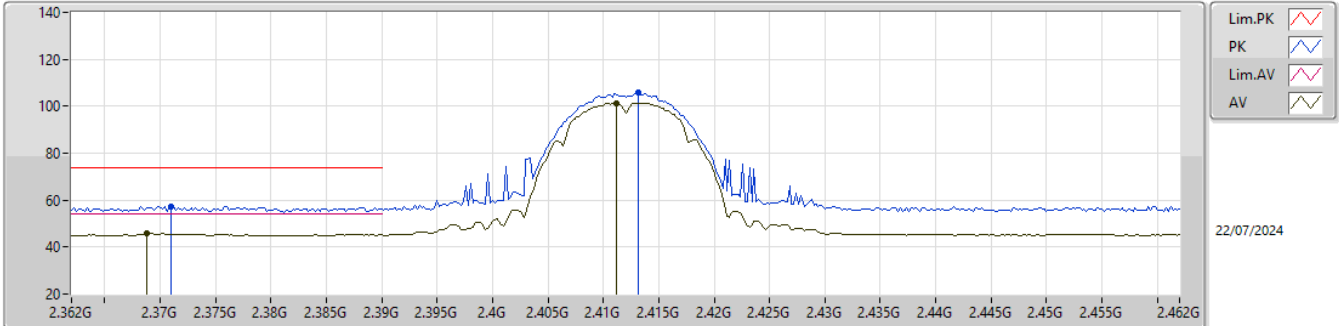


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	PK	2.4846G	73.98	74.00	-0.02	3	Horizontal	95	1.80	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

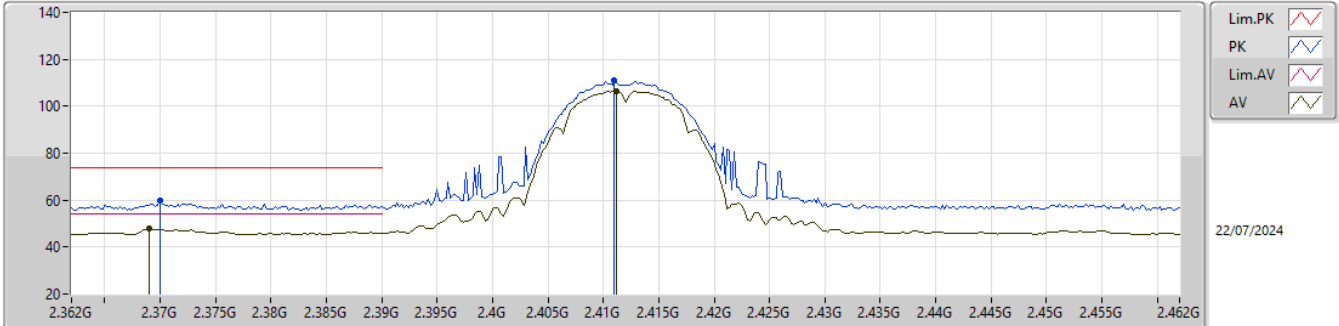


EUT_Y_1TX_ANT0
Setting 19.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.371G	57.35	74.00	-16.65	25.36	3	Vertical	259	2.04	-	27.30	4.69	-			
AV	2.3688G	45.77	54.00	-8.23	13.78	3	Vertical	259	2.04	-	27.30	4.69	-			
PK	2.4132G	106.01	Inf	-Inf	73.78	3	Vertical	259	2.04	-	27.50	4.73	-			
AV	2.4112G	101.46	Inf	-Inf	69.23	3	Vertical	259	2.04	-	27.50	4.73	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

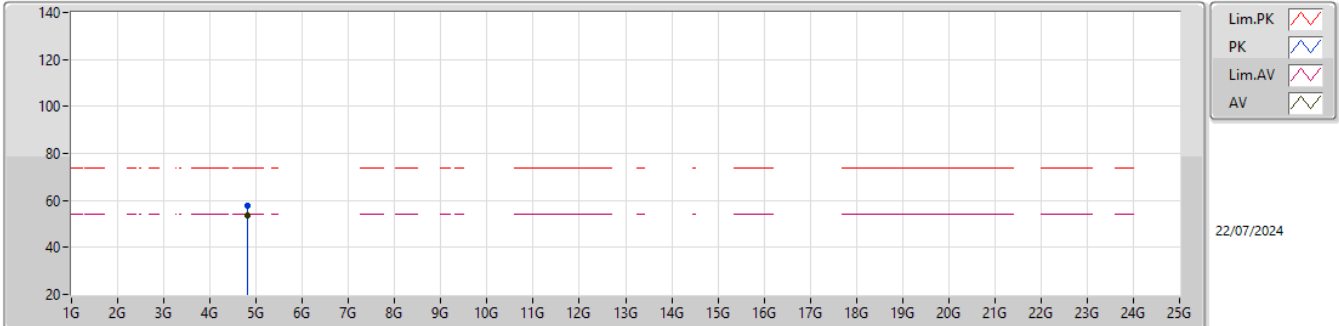


EUT_Y_1TX_ANT0
Setting 19.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.37G	59.62	74.00	-14.38	27.63	3	Horizontal	348	2.01	-	27.30	4.69	-				
AV	2.369G	47.81	54.00	-6.19	15.82	3	Horizontal	348	2.01	-	27.30	4.69	-				
PK	2.411G	111.13	Inf	-Inf	78.90	3	Horizontal	348	2.01	-	27.50	4.73	-				
AV	2.4112G	106.50	Inf	-Inf	74.27	3	Horizontal	348	2.01	-	27.50	4.73	-				

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

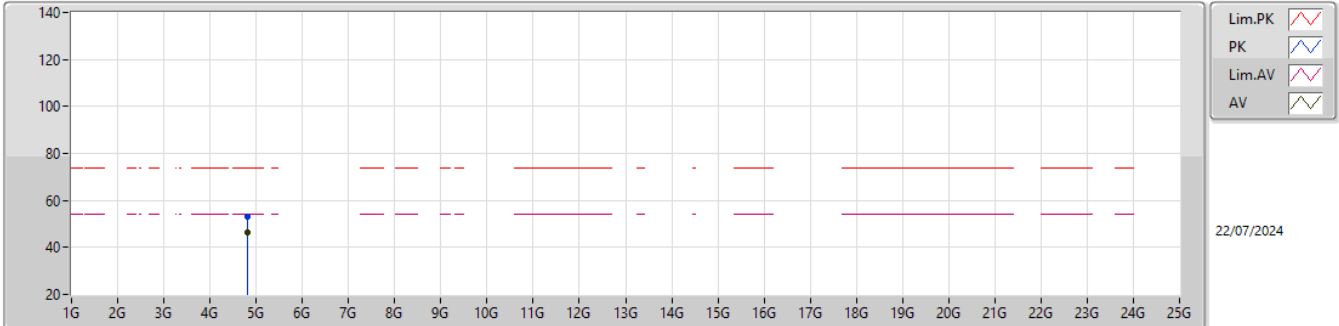


EUT_Y_1TX_ANT0
Setting 19.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.82404G	57.60	74.00	-16.40	49.81	3	Vertical	95	1.91	-	32.50	6.69	31.40			
AV	4.824G	53.75	54.00	-0.25	45.96	3	Vertical	95	1.91	-	32.50	6.69	31.40			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

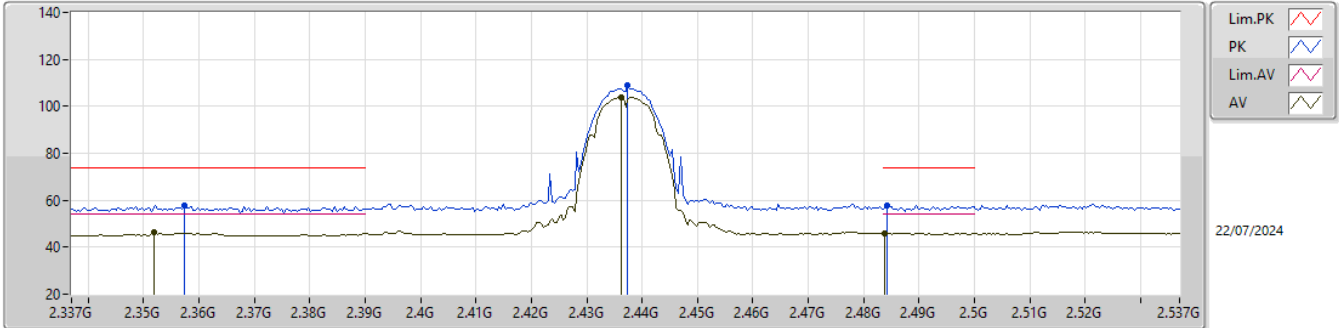


EUT Y_1TX_ANT0
Setting 19.5
06-C-S-4

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	4.82392G	52.96	74.00	-21.04	45.17	3	Horizontal	88	1.93	-	32.50	6.69	31.40			
AV	4.824G	46.36	54.00	-7.64	38.57	3	Horizontal	88	1.93	-	32.50	6.69	31.40			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

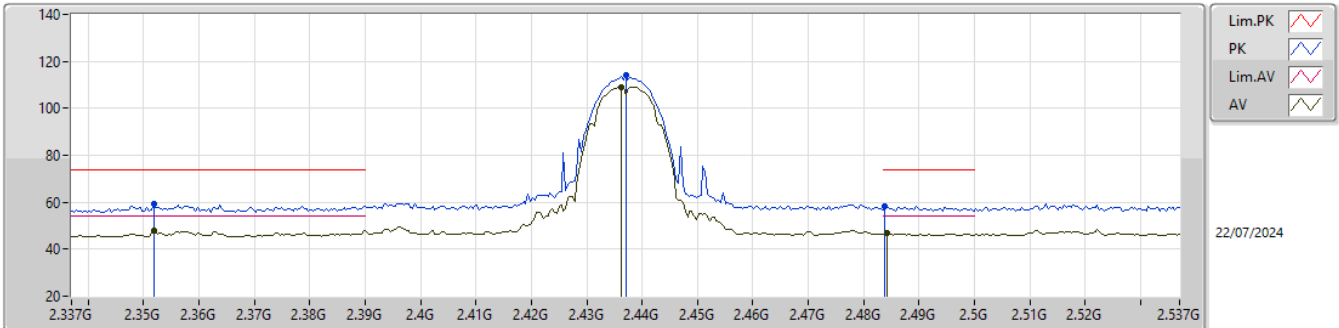


EUT_Y_1TX_ANT0
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3574G	57.55	74.00	-16.45	25.57	3	Vertical	265	1.29	-	27.30	4.68	-			
AV	2.3518G	46.15	54.00	-7.85	14.18	3	Vertical	265	1.29	-	27.30	4.67	-			
PK	2.4374G	108.82	Inf	-Inf	76.40	3	Vertical	265	1.29	-	27.67	4.75	-			
AV	2.4362G	103.77	Inf	-Inf	71.36	3	Vertical	265	1.29	-	27.66	4.75	-			
PK	2.4842G	57.89	74.00	-16.11	25.19	3	Vertical	265	1.29	-	27.90	4.80	-			
AV	2.4838G	45.82	54.00	-8.18	13.12	3	Vertical	265	1.29	-	27.90	4.80	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

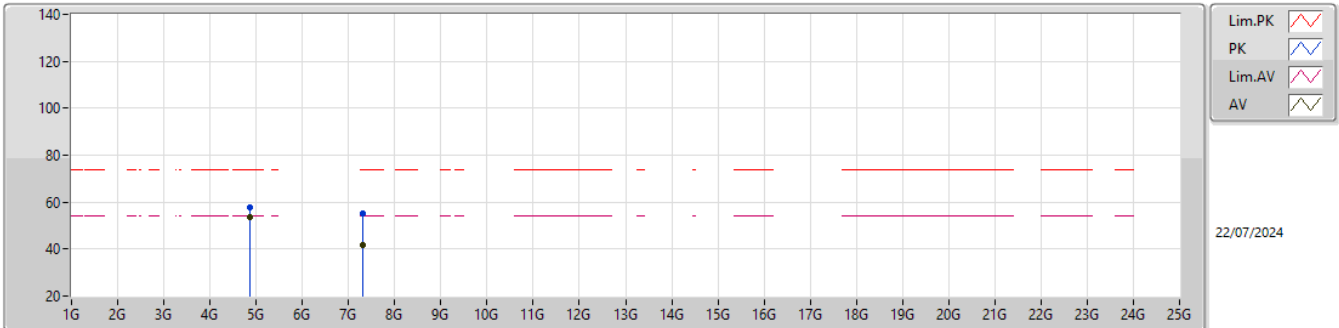


EUT_Y_1TX_ANT0
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3518G	59.51	74.00	-14.49	27.54	3	Horizontal	4	2.21	-	27.30	4.67	-				
AV	2.3518G	48.13	54.00	-5.87	16.16	3	Horizontal	4	2.21	-	27.30	4.67	-				
PK	2.437G	114.38	Inf	-Inf	81.96	3	Horizontal	4	2.21	-	27.67	4.75	-				
AV	2.4362G	109.07	Inf	-Inf	76.66	3	Horizontal	4	2.21	-	27.66	4.75	-				
PK	2.4838G	58.24	74.00	-15.76	25.54	3	Horizontal	4	2.21	-	27.90	4.80	-				
AV	2.4842G	46.83	54.00	-7.17	14.13	3	Horizontal	4	2.21	-	27.90	4.80	-				

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

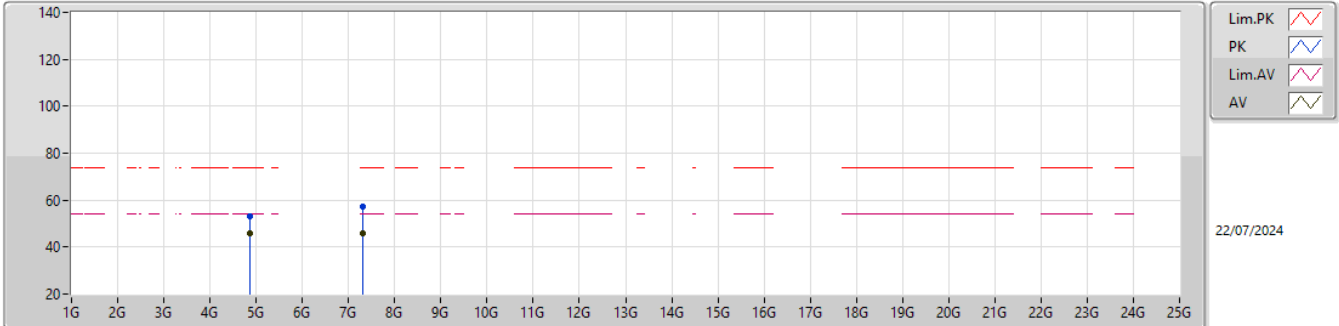


EUT_Y_1TX_ANT0
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87391G	57.84	74.00	-16.16	49.78	3	Vertical	96	1.75	-	32.70	6.73	31.37			
AV	4.87399G	53.69	54.00	-0.31	45.63	3	Vertical	96	1.75	-	32.70	6.73	31.37			
PK	7.3072G	55.42	74.00	-18.58	42.72	3	Vertical	43	2.97	-	36.96	8.34	32.60			
AV	7.31022G	41.81	54.00	-12.19	29.13	3	Vertical	43	2.97	-	36.94	8.34	32.60			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

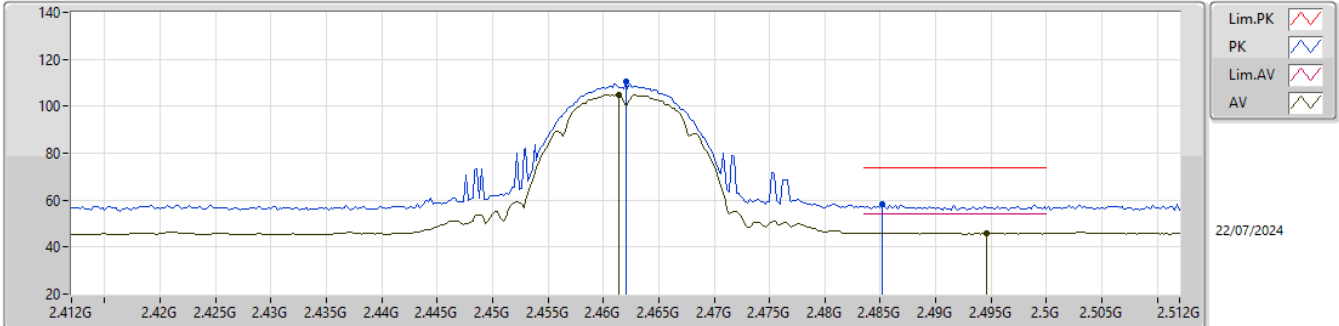


EUT_Y_1TX_ANT0
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87398G	53.05	74.00	-20.95	44.99	3	Horizontal	90	1.89	-	32.70	6.73	31.37			
AV	4.874G	45.80	54.00	-8.20	37.74	3	Horizontal	90	1.89	-	32.70	6.73	31.37			
PK	7.3105G	57.09	74.00	-16.91	44.41	3	Horizontal	134	1.82	-	36.94	8.34	32.60			
AV	7.31026G	45.65	54.00	-8.35	32.97	3	Horizontal	134	1.82	-	36.94	8.34	32.60			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

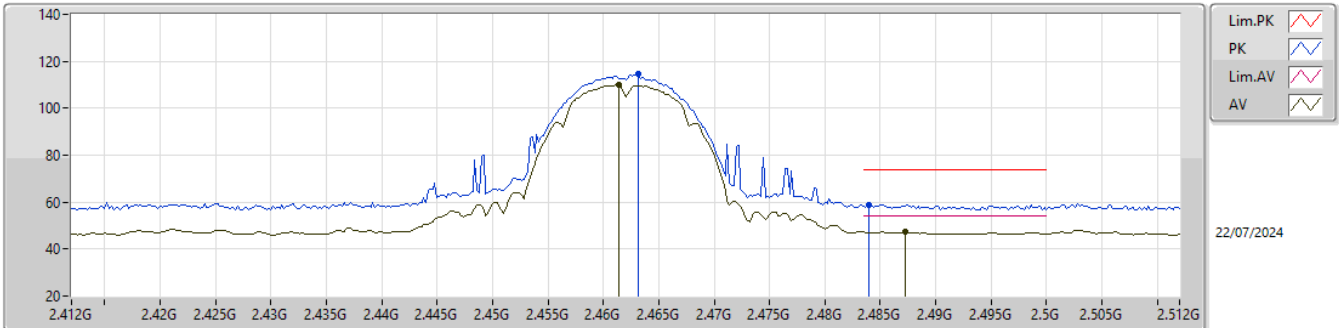


EUT_Y_1TX_ANT0
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.462G	110.31	Inf	-Inf	77.91	3	Vertical	260	1.55	-	27.62	4.78	-				
AV	2.4614G	105.03	Inf	-Inf	72.64	3	Vertical	260	1.55	-	27.61	4.78	-				
PK	2.4852G	58.10	74.00	-15.90	25.40	3	Vertical	260	1.55	-	27.90	4.80	-				
AV	2.4946G	45.98	54.00	-8.02	13.27	3	Vertical	260	1.55	-	27.90	4.81	-				

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

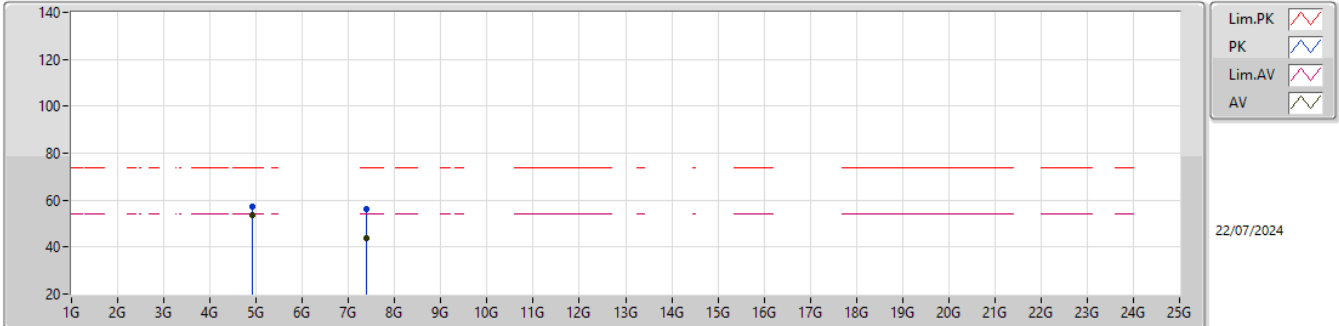


EUT_Y_1TX_ANT0
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4632G	114.55	Inf	-Inf	82.14	3	Horizontal	5	2.14	-	27.63	4.78	-			
AV	2.4614G	109.89	Inf	-Inf	77.50	3	Horizontal	5	2.14	-	27.61	4.78	-			
PK	2.484G	58.85	74.00	-15.15	26.15	3	Horizontal	5	2.14	-	27.90	4.80	-			
AV	2.4872G	47.31	54.00	-6.69	14.61	3	Horizontal	5	2.14	-	27.90	4.80	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

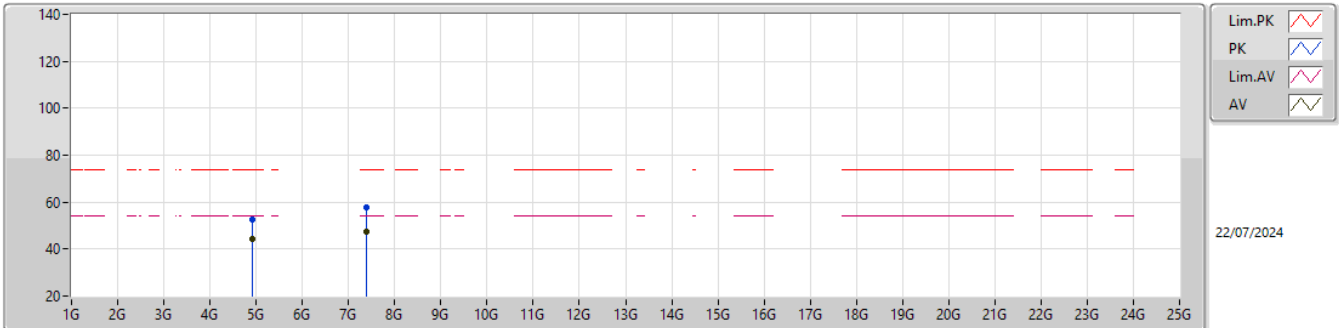


EUT_Y_1TX_ANT0
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.924G	57.34	74.00	-16.66	48.95	3	Vertical	52	1.90	-	32.94	6.78	31.33			
AV	4.924G	53.78	54.00	-0.22	45.39	3	Vertical	52	1.90	-	32.94	6.78	31.33			
PK	7.38614G	56.05	74.00	-17.95	43.86	3	Vertical	76	1.87	-	36.56	8.34	32.71			
AV	7.38524G	43.65	54.00	-10.35	31.46	3	Vertical	76	1.87	-	36.56	8.34	32.71			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

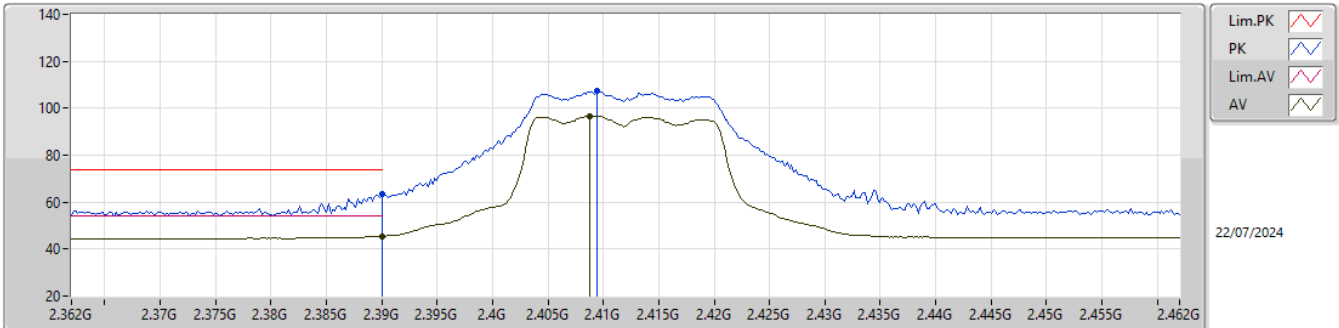


EUT_Y_1TX_ANT0
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92398G	52.43	74.00	-21.57	44.04	3	Horizontal	104	1.80	-	32.94	6.78	31.33			
AV	4.924G	44.39	54.00	-9.61	36.00	3	Horizontal	104	1.80	-	32.94	6.78	31.33			
PK	7.38498G	58.00	74.00	-16.00	45.81	3	Horizontal	135	1.79	-	36.56	8.34	32.71			
AV	7.38524G	47.46	54.00	-6.54	35.27	3	Horizontal	135	1.79	-	36.56	8.34	32.71			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

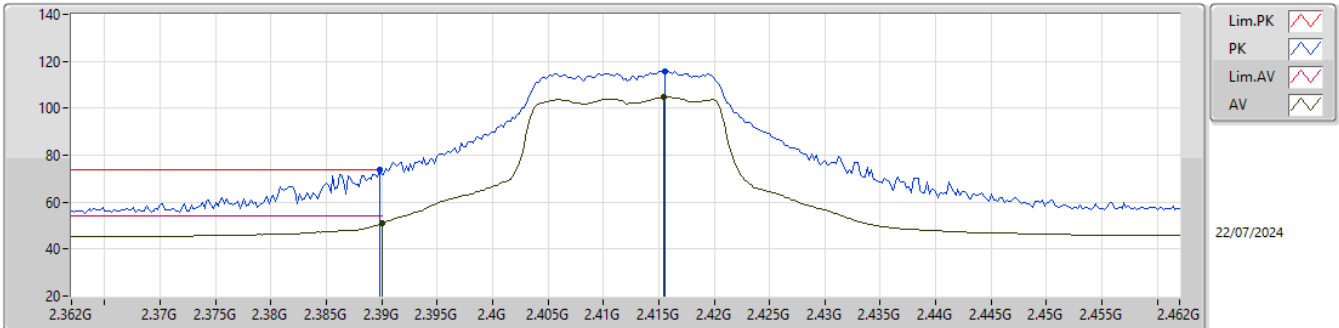


EUT_Y_2TX
Setting 19.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	63.50	74.00	-10.50	31.39	3	Vertical	269	1.53	-	27.40	4.71	-			
AV	2.39G	45.43	54.00	-8.57	13.32	3	Vertical	269	1.53	-	27.40	4.71	-			
PK	2.4094G	107.50	Inf	-Inf	75.27	3	Vertical	269	1.53	-	27.50	4.73	-			
AV	2.4088G	96.77	Inf	-Inf	64.54	3	Vertical	269	1.53	-	27.50	4.73	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

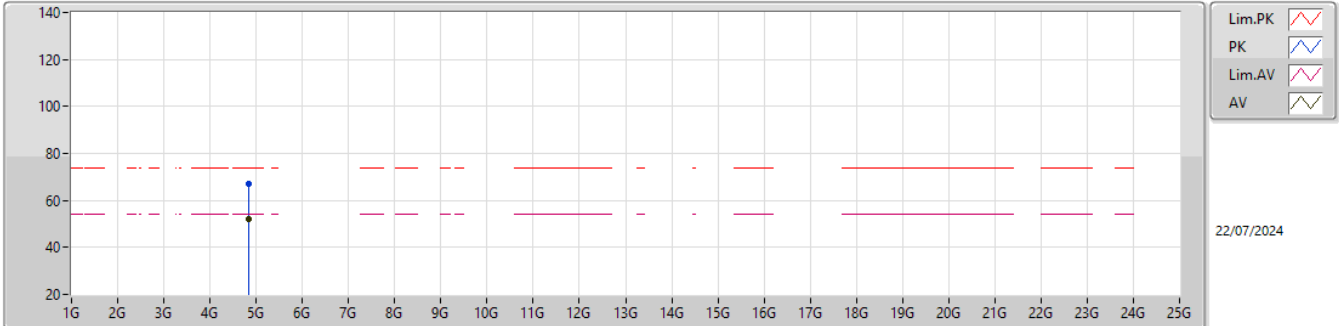


EUT_Y_2TX
Setting 19.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	73.96	74.00	-0.04	41.85	3	Horizontal	92	1.45	-	27.40	4.71	-			
AV	2.39G	50.91	54.00	-3.09	18.80	3	Horizontal	92	1.45	-	27.40	4.71	-			
PK	2.4156G	115.91	Inf	-Inf	83.68	3	Horizontal	92	1.45	-	27.50	4.73	-			
AV	2.4154G	104.67	Inf	-Inf	72.44	3	Horizontal	92	1.45	-	27.50	4.73	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

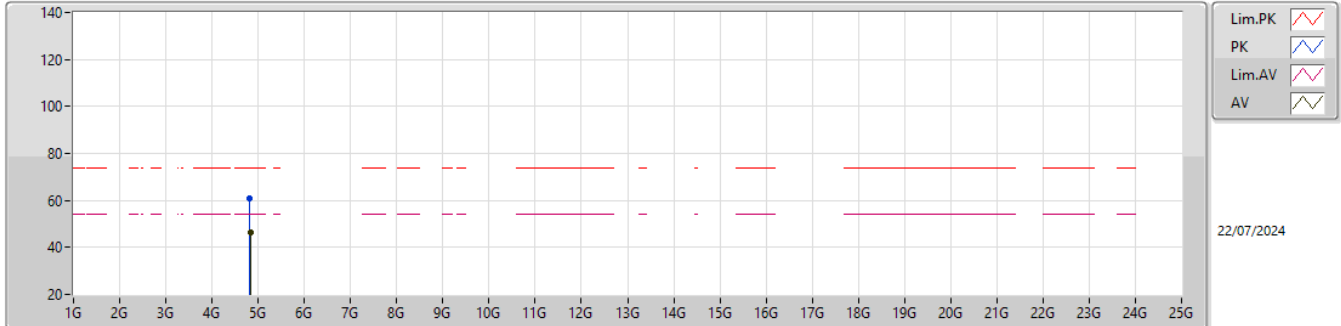


EUT_Y_2TX
Setting 19.5
05-R-G-5

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	4.82528G	67.11	74.00	-6.89	62.91	3	Vertical	120	1.80	-	32.65	7.16	35.61			
AV	4.82552G	51.83	54.00	-2.17	47.63	3	Vertical	120	1.80	-	32.65	7.16	35.61			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

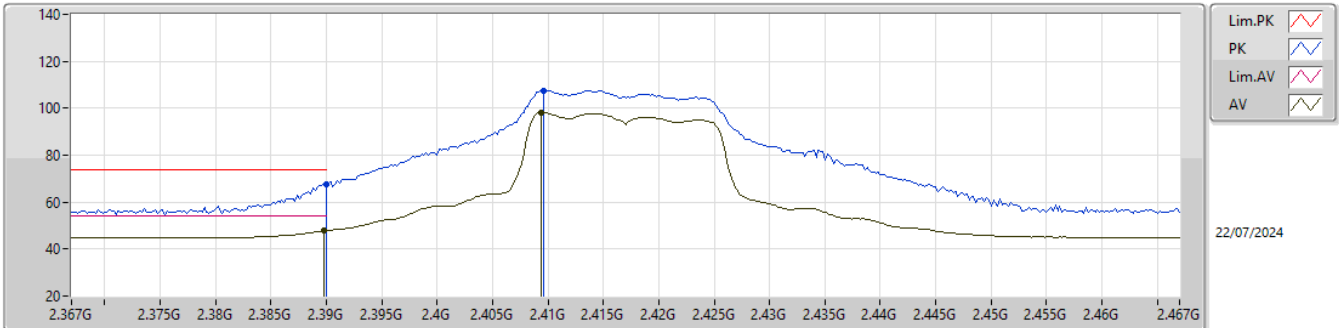


EUT_Y_2TX
Setting 19.5
05-R-G-5

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	4.81672G	60.98	74.00	-13.02	56.81	3	Horizontal	141	2.30	-	32.63	7.15	35.61			
AV	4.8264G	46.35	54.00	-7.65	42.15	3	Horizontal	141	2.30	-	32.65	7.16	35.61			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

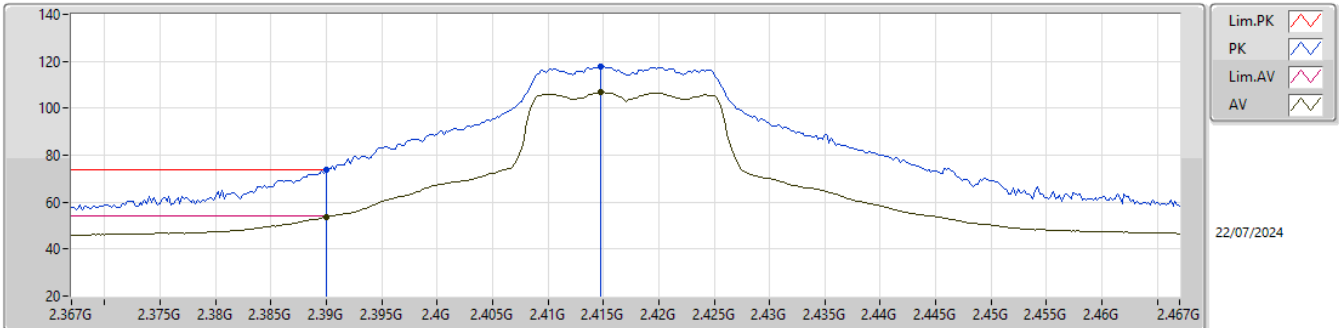


EUT_Y_2TX
Setting 21.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	67.55	74.00	-6.45	35.44	3	Vertical	267	1.33	-	27.40	4.71	-			
AV	2.3898G	47.76	54.00	-6.24	15.65	3	Vertical	267	1.33	-	27.40	4.71	-			
PK	2.4096G	107.64	Inf	-Inf	75.41	3	Vertical	267	1.33	-	27.50	4.73	-			
AV	2.4094G	98.32	Inf	-Inf	66.09	3	Vertical	267	1.33	-	27.50	4.73	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

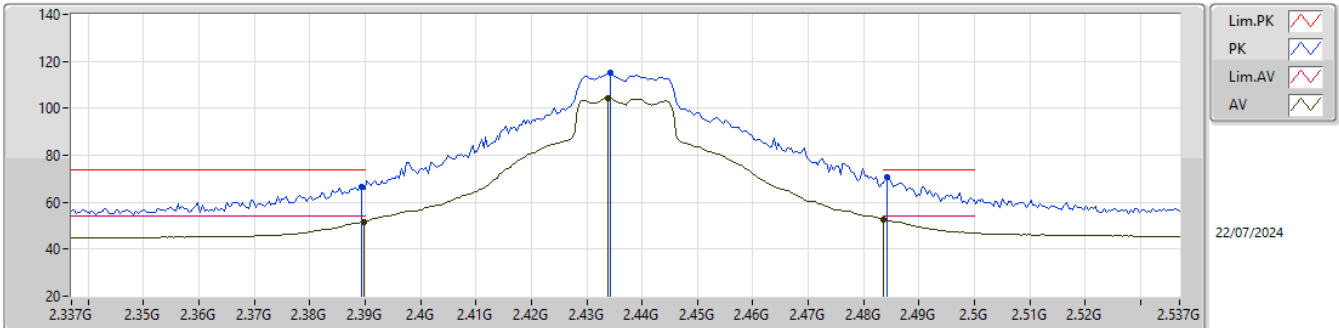


EUT_Y_2TX
Setting 21.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	73.71	74.00	-0.29	41.60	3	Horizontal	98	2.09	-	27.40	4.71	-			
AV	2.39G	53.66	54.00	-0.34	21.55	3	Horizontal	98	2.09	-	27.40	4.71	-			
PK	2.4148G	117.92	Inf	-Inf	85.69	3	Horizontal	98	2.09	-	27.50	4.73	-			
AV	2.4148G	106.75	Inf	-Inf	74.52	3	Horizontal	98	2.09	-	27.50	4.73	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

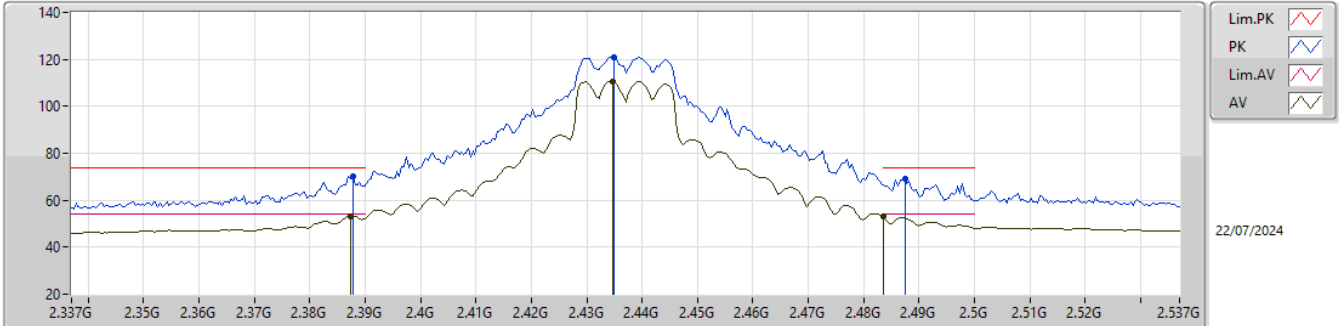


EUT_Y_2TX
Setting 24
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	66.51	74.00	-7.49	34.41	3	Vertical	267	1.28	-	27.39	4.71	-			
AV	2.3898G	51.73	54.00	-2.27	19.62	3	Vertical	267	1.28	-	27.40	4.71	-			
PK	2.4342G	114.96	Inf	-Inf	82.57	3	Vertical	267	1.28	-	27.64	4.75	-			
AV	2.4338G	104.33	Inf	-Inf	71.94	3	Vertical	267	1.28	-	27.64	4.75	-			
PK	2.4842G	70.84	74.00	-3.16	38.14	3	Vertical	267	1.28	-	27.90	4.80	-			
AV	2.4835G	52.79	54.00	-1.21	20.09	3	Vertical	267	1.28	-	27.90	4.80	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

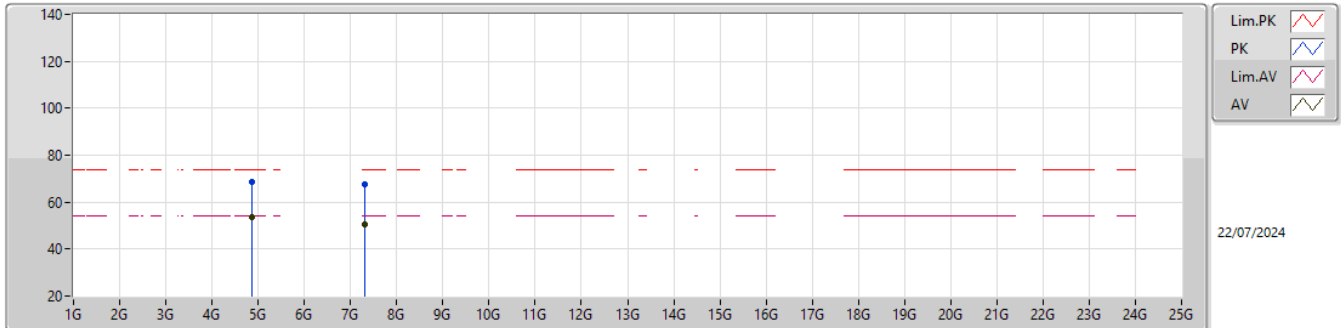


EUT_Y_2TX
Setting 24
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3878G	70.36	74.00	-3.64	38.27	3	Horizontal	63	1.64	-	27.38	4.71	-			
AV	2.3874G	53.26	54.00	-0.74	21.18	3	Horizontal	63	1.64	-	27.37	4.71	-			
PK	2.435G	121.03	Inf	-Inf	88.63	3	Horizontal	63	1.64	-	27.65	4.75	-			
AV	2.4346G	110.73	Inf	-Inf	78.33	3	Horizontal	63	1.64	-	27.65	4.75	-			
PK	2.4874G	69.14	74.00	-4.86	36.44	3	Horizontal	63	1.64	-	27.90	4.80	-			
AV	2.4835G	52.86	54.00	-1.14	20.16	3	Horizontal	63	1.64	-	27.90	4.80	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

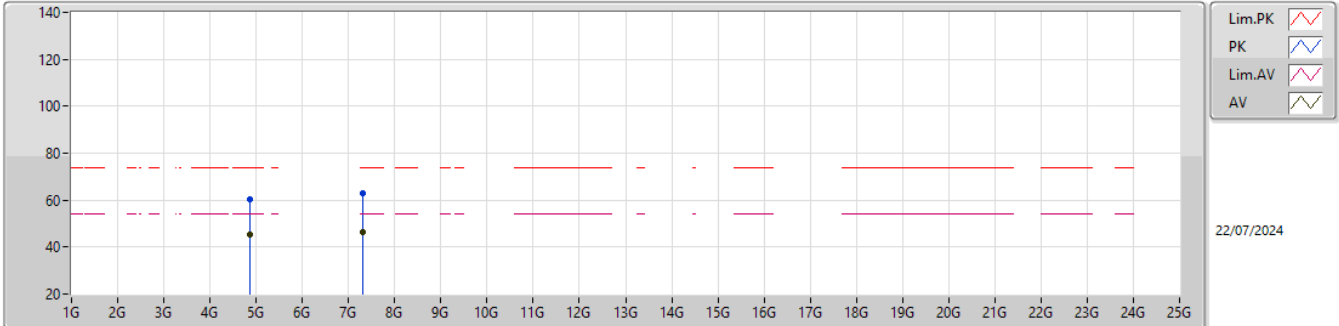


EUT_Y_2TX
Setting 21.5
05-R-G-5

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	4.87536G	68.74	74.00	-5.26	64.34	3	Vertical	118	1.80	-	32.80	7.19	35.59				
AV	4.8756G	53.87	54.00	-0.13	49.47	3	Vertical	118	1.80	-	32.80	7.19	35.59				
PK	7.30684G	67.53	74.00	-6.47	56.64	3	Vertical	76	2.93	-	37.07	8.60	34.78				
AV	7.30704G	50.45	54.00	-3.55	39.56	3	Vertical	76	2.93	-	37.07	8.60	34.78				

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

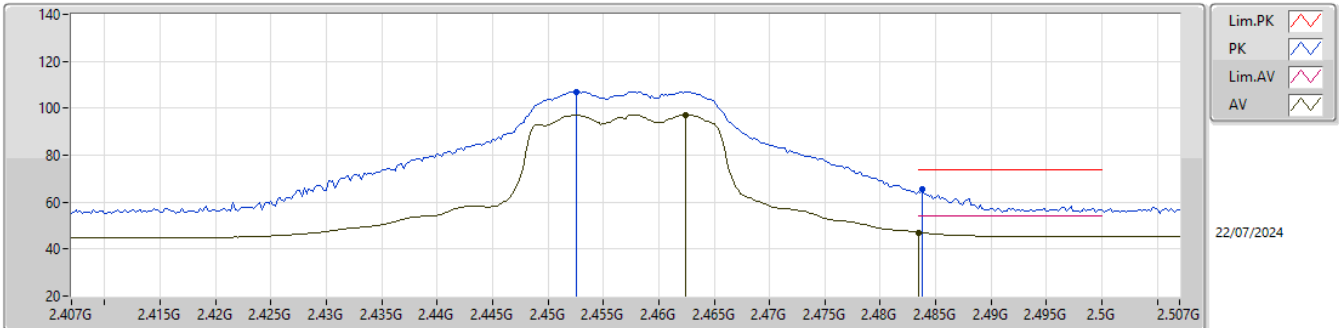


EUT_Y_2TX
Setting 21.5
05-R-G-5

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	4.87424G	60.19	74.00	-13.81	55.80	3	Horizontal	130	1.80	-	32.80	7.18	35.59			
AV	4.87276G	45.33	54.00	-8.67	40.95	3	Horizontal	130	1.80	-	32.79	7.18	35.59			
PK	7.30288G	62.74	74.00	-11.26	51.84	3	Horizontal	98	3.00	-	37.09	8.60	34.79			
AV	7.30808G	46.27	54.00	-7.73	35.38	3	Horizontal	98	3.00	-	37.07	8.60	34.78			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

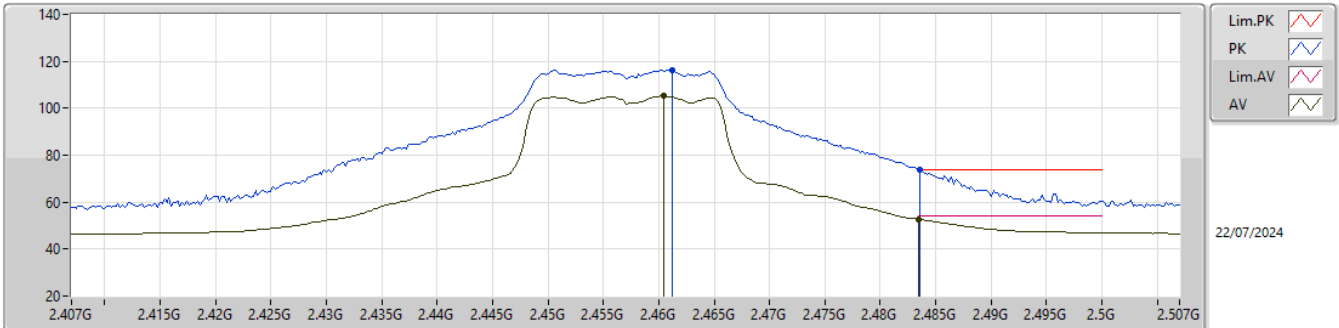


EUT_Y_2TX
Setting 20
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4526G	107.13	Inf	-Inf	74.76	3	Vertical	261	2.17	-	27.60	4.77	-			
AV	2.4624G	97.08	Inf	-Inf	64.68	3	Vertical	261	2.17	-	27.62	4.78	-			
PK	2.4838G	65.50	74.00	-8.50	32.80	3	Vertical	261	2.17	-	27.90	4.80	-			
AV	2.4835G	47.10	54.00	-6.90	14.40	3	Vertical	261	2.17	-	27.90	4.80	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

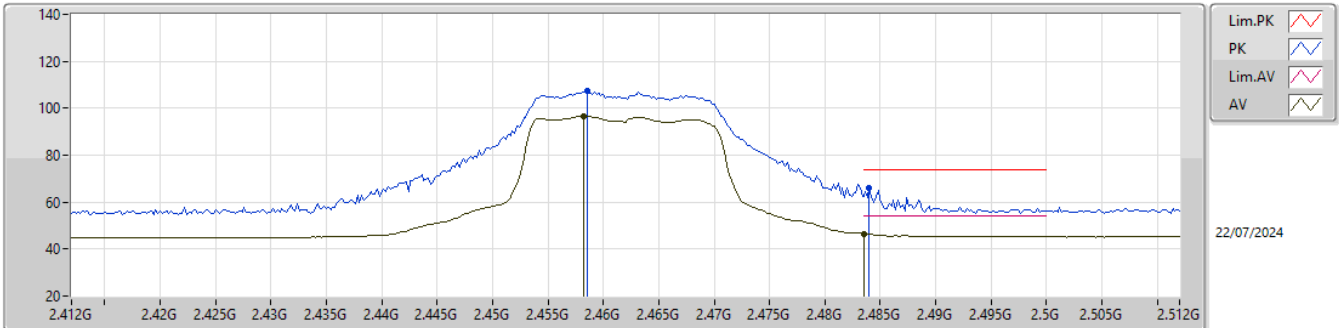


EUT_Y_2TX
Setting 20
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4612G	116.35	Inf	-Inf	83.96	3	Horizontal	96	1.84	-	27.61	4.78	-			
AV	2.4604G	105.11	Inf	-Inf	72.74	3	Horizontal	96	1.84	-	27.60	4.77	-			
PK	2.4836G	73.74	74.00	-0.26	41.04	3	Horizontal	96	1.84	-	27.90	4.80	-			
AV	2.4835G	52.70	54.00	-1.30	20.00	3	Horizontal	96	1.84	-	27.90	4.80	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

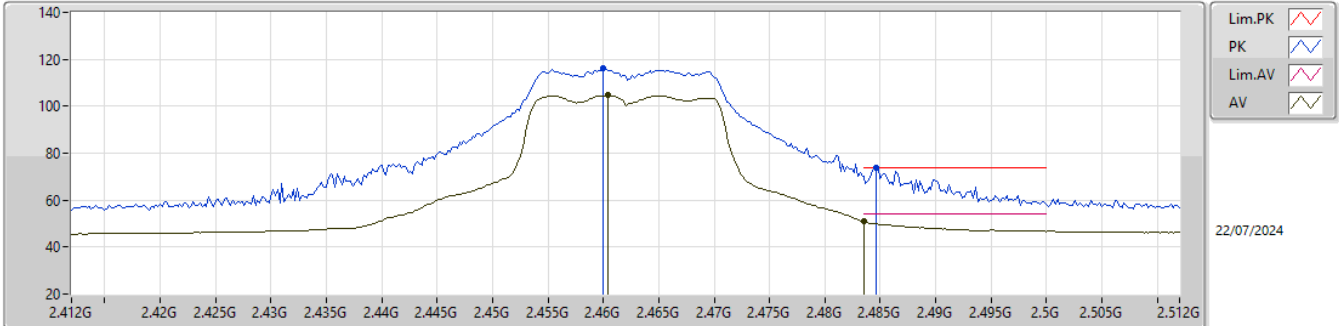


EUT_Y_2TX
Setting 19
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4586G	107.41	Inf	-Inf	75.04	3	Vertical	263	1.55	-	27.60	4.77	-			
AV	2.4582G	96.67	Inf	-Inf	64.30	3	Vertical	263	1.55	-	27.60	4.77	-			
PK	2.484G	66.21	74.00	-7.79	33.51	3	Vertical	263	1.55	-	27.90	4.80	-			
AV	2.4835G	46.48	54.00	-7.52	13.78	3	Vertical	263	1.55	-	27.90	4.80	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

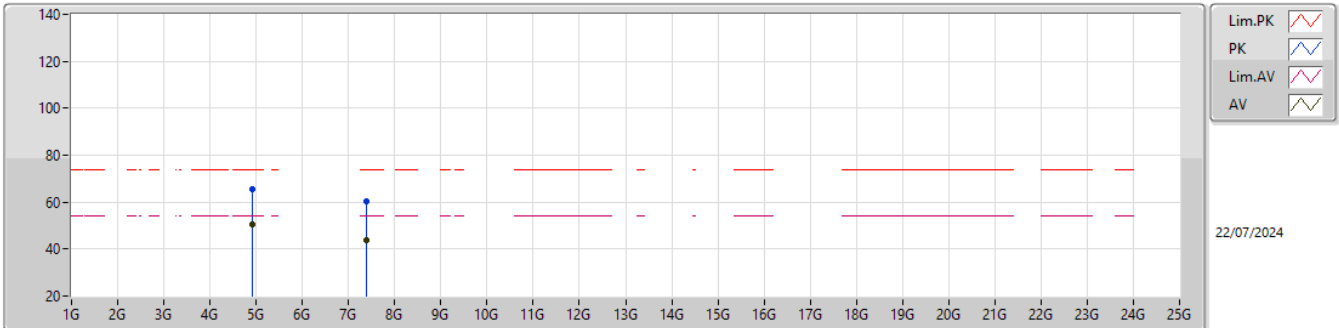


EUT_Y_2TX
Setting 19
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.46G	116.06	Inf	-Inf	83.69	3	Horizontal	95	1.80	-	27.60	4.77	-			
AV	2.4604G	104.58	Inf	-Inf	72.21	3	Horizontal	95	1.80	-	27.60	4.77	-			
PK	2.4846G	73.98	74.00	-0.02	41.28	3	Horizontal	95	1.80	-	27.90	4.80	-			
AV	2.4835G	50.93	54.00	-3.07	18.23	3	Horizontal	95	1.80	-	27.90	4.80	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

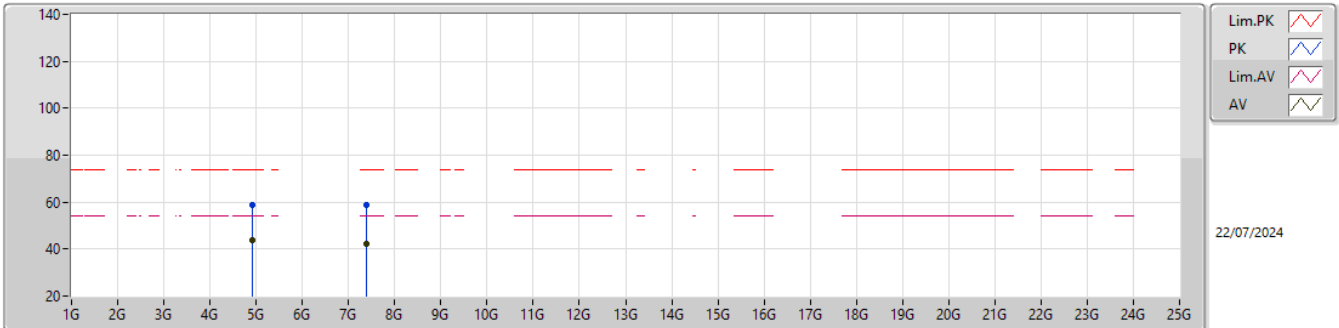


EUT_Y_2TX
Setting 19
05-R-G-5

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	4.92536G	65.51	74.00	-8.49	60.82	3	Vertical	119	1.80	-	33.05	7.22	35.58			
AV	4.92568G	50.49	54.00	-3.51	45.80	3	Vertical	119	1.80	-	33.05	7.22	35.58			
PK	7.38564G	60.42	74.00	-13.58	49.74	3	Vertical	73	1.48	-	36.69	8.63	34.64			
AV	7.38176G	44.04	54.00	-9.96	33.35	3	Vertical	73	1.48	-	36.71	8.63	34.65			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

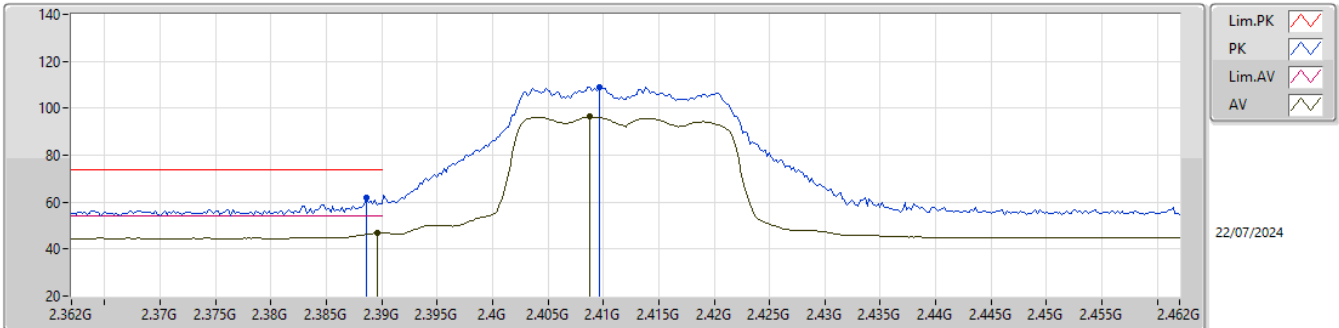


EUT_Y_2TX
Setting 19
05-R-G-5

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	4.92536G	58.84	74.00	-15.16	54.15	3	Horizontal	165	3.00	-	33.05	7.22	35.58				
AV	4.92164G	43.67	54.00	-10.33	39.01	3	Horizontal	165	3.00	-	33.03	7.21	35.58				
PK	7.38896G	58.78	74.00	-15.22	48.10	3	Horizontal	98	1.80	-	36.67	8.64	34.63				
AV	7.38416G	42.24	54.00	-11.76	31.55	3	Horizontal	98	1.80	-	36.70	8.63	34.64				

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

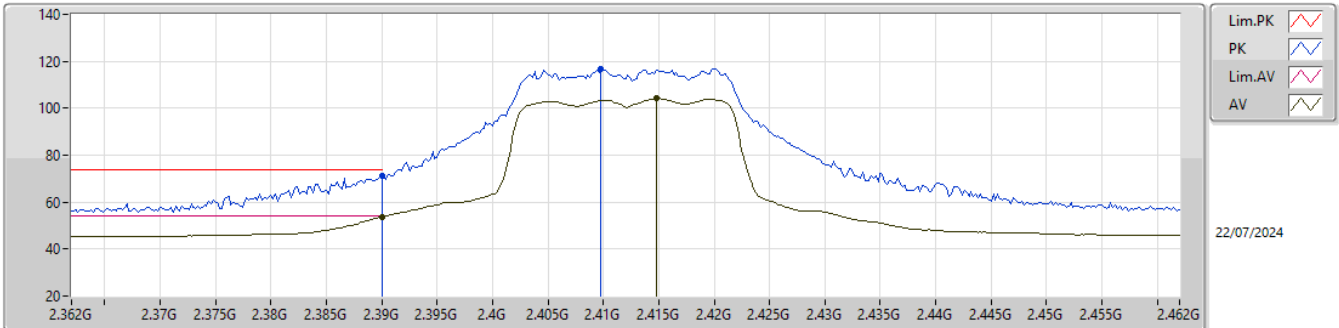


EUT_Y_2TX
Setting 19
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3886G	61.86	74.00	-12.14	29.76	3	Vertical	268	1.35	-	27.39	4.71	-				
AV	2.3896G	46.82	54.00	-7.18	14.71	3	Vertical	268	1.35	-	27.40	4.71	-				
PK	2.4096G	109.15	Inf	-Inf	76.92	3	Vertical	268	1.35	-	27.50	4.73	-				
AV	2.4088G	96.30	Inf	-Inf	64.07	3	Vertical	268	1.35	-	27.50	4.73	-				

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

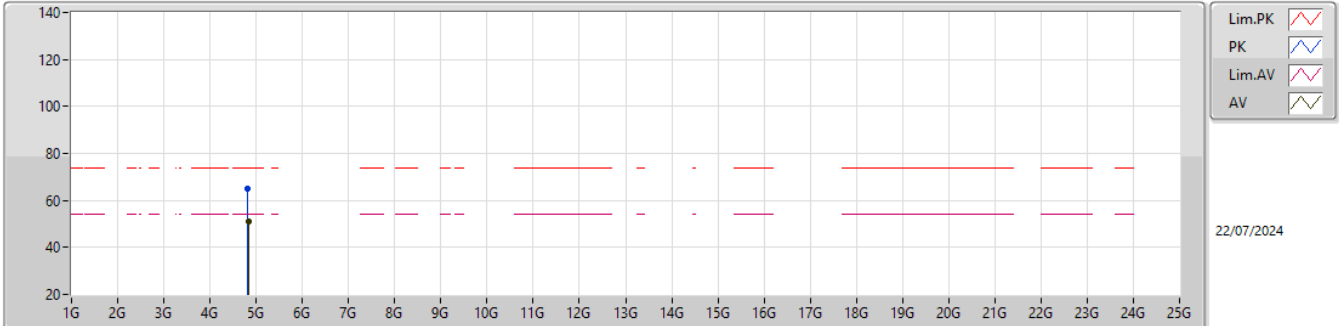


EUT_Y_2TX
Setting 19
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	71.07	74.00	-2.93	38.96	3	Horizontal	99	2.10	-	27.40	4.71	-			
AV	2.39G	53.81	54.00	-0.19	21.70	3	Horizontal	99	2.10	-	27.40	4.71	-			
PK	2.4098G	116.92	Inf	-Inf	84.69	3	Horizontal	99	2.10	-	27.50	4.73	-			
AV	2.4148G	104.07	Inf	-Inf	71.84	3	Horizontal	99	2.10	-	27.50	4.73	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

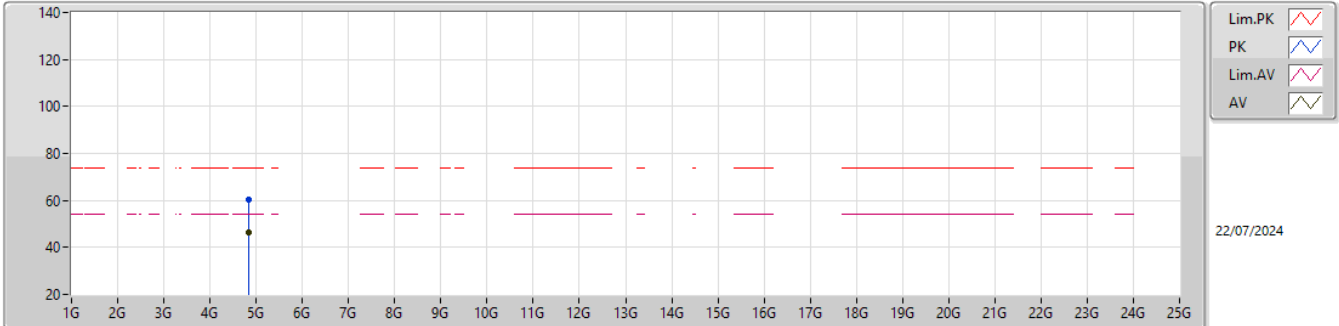


EUT_Y_2TX
Setting 19
05-R-G-5

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	4.81764G	65.24	74.00	-8.76	61.06	3	Vertical	122	1.80	-	32.64	7.15	35.61			
AV	4.82528G	51.25	54.00	-2.75	47.05	3	Vertical	122	1.80	-	32.65	7.16	35.61			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

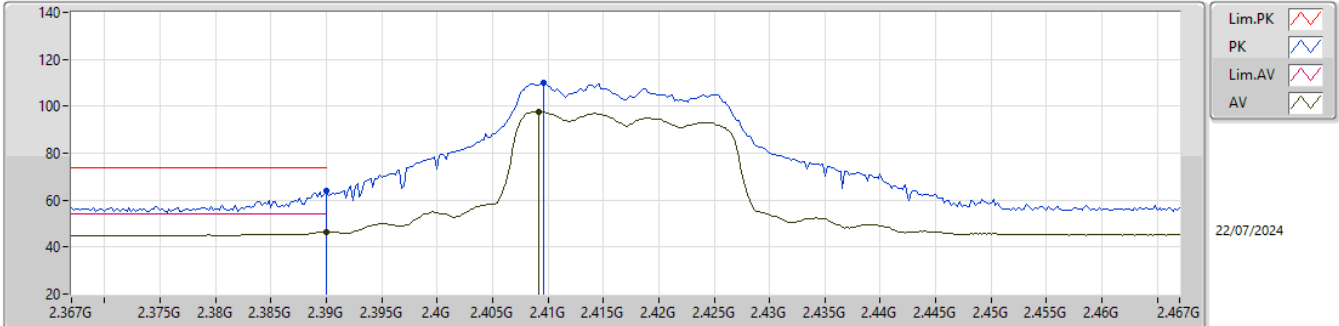


EUT Y_2TX
Setting 19
05-R-G-5

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	4.82624G	60.37	74.00	-13.63	56.17	3	Horizontal	140	2.29	-	32.65	7.16	35.61			
AV	4.82664G	46.20	54.00	-7.80	42.00	3	Horizontal	140	2.29	-	32.65	7.16	35.61			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

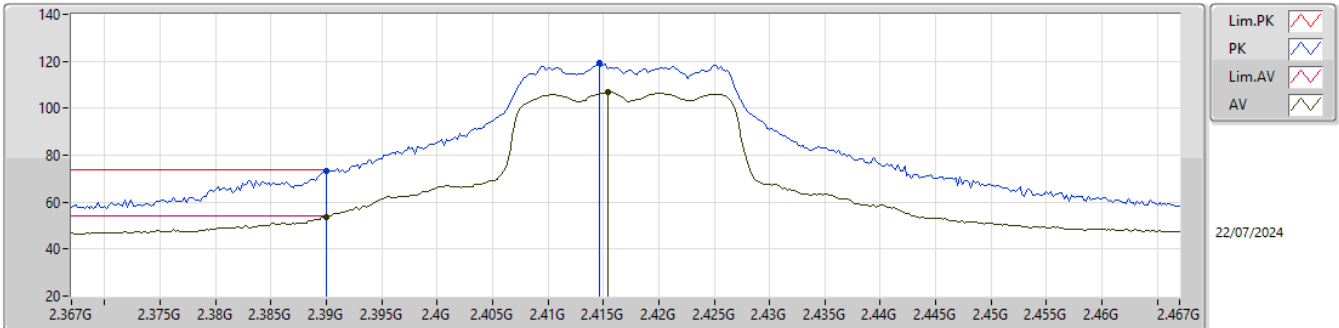


EUT_Y_2TX
Setting 21
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	63.81	74.00	-10.19	31.70	3	Vertical	270	1.34	-	27.40	4.71	-			
AV	2.39G	46.53	54.00	-7.47	14.42	3	Vertical	270	1.34	-	27.40	4.71	-			
PK	2.4096G	110.09	Inf	-Inf	77.86	3	Vertical	270	1.34	-	27.50	4.73	-			
AV	2.4092G	97.63	Inf	-Inf	65.40	3	Vertical	270	1.34	-	27.50	4.73	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

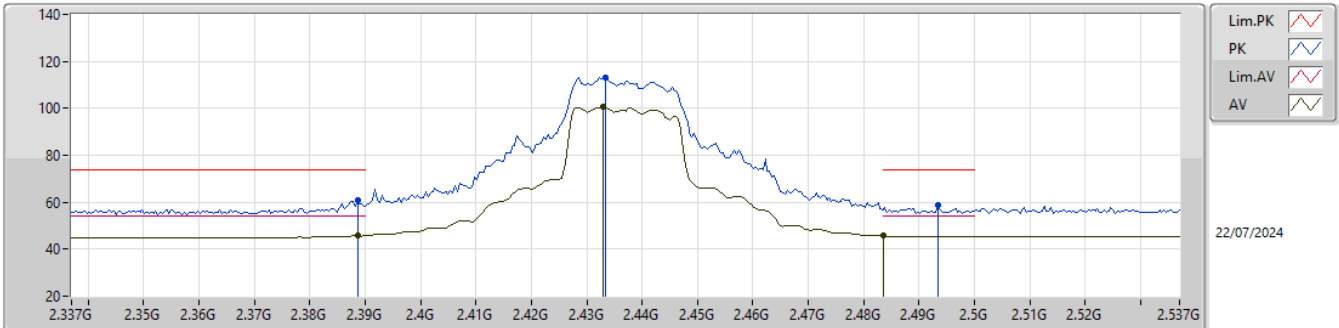


EUT_Y_2TX
Setting 21
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	73.27	74.00	-0.73	41.16	3	Horizontal	94	2.10	-	27.40	4.71	-			
AV	2.39G	53.81	54.00	-0.19	21.70	3	Horizontal	94	2.10	-	27.40	4.71	-			
PK	2.4146G	119.23	Inf	-Inf	87.00	3	Horizontal	94	2.10	-	27.50	4.73	-			
AV	2.4154G	106.80	Inf	-Inf	74.57	3	Horizontal	94	2.10	-	27.50	4.73	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

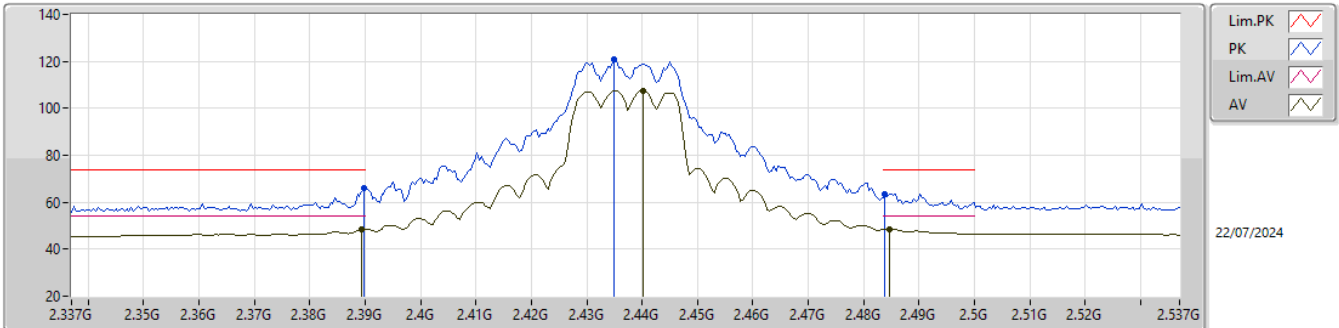


EUT_Y_2TX
Setting 23
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3886G	60.66	74.00	-13.34	28.56	3	Vertical	263	2.20	-	27.39	4.71	-			
AV	2.3886G	45.68	54.00	-8.32	13.58	3	Vertical	263	2.20	-	27.39	4.71	-			
PK	2.4334G	113.32	Inf	-Inf	80.94	3	Vertical	263	2.20	-	27.63	4.75	-			
AV	2.433G	100.54	Inf	-Inf	68.16	3	Vertical	263	2.20	-	27.63	4.75	-			
PK	2.4934G	58.93	74.00	-15.07	26.23	3	Vertical	263	2.20	-	27.90	4.80	-			
AV	2.4835G	45.73	54.00	-8.27	13.03	3	Vertical	263	2.20	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

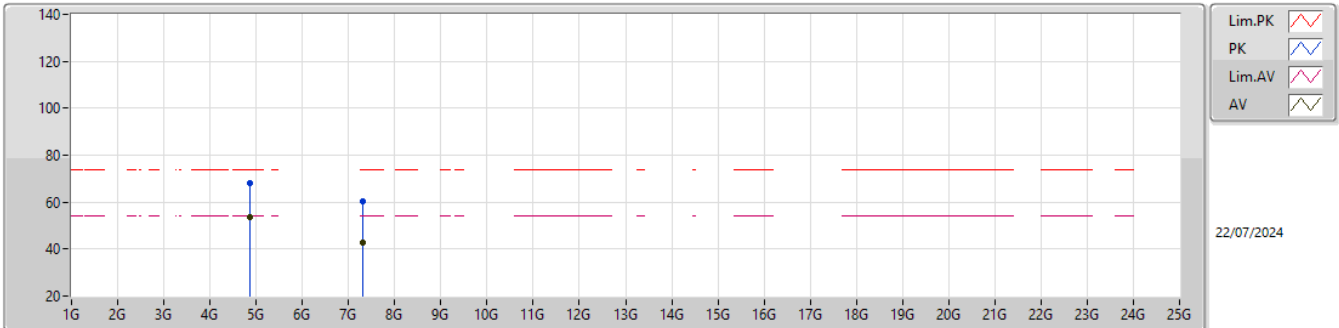


EUT_Y_2TX
Setting 23
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	66.12	74.00	-7.88	34.01	3	Horizontal	58	1.67	-	27.40	4.71	-			
AV	2.3894G	48.45	54.00	-5.55	16.35	3	Horizontal	58	1.67	-	27.39	4.71	-			
PK	2.435G	120.87	Inf	-Inf	88.47	3	Horizontal	58	1.67	-	27.65	4.75	-			
AV	2.4402G	107.42	Inf	-Inf	74.96	3	Horizontal	58	1.67	-	27.70	4.76	-			
PK	2.4838G	63.69	74.00	-10.31	30.99	3	Horizontal	58	1.67	-	27.90	4.80	-			
AV	2.4846G	48.67	54.00	-5.33	15.97	3	Horizontal	58	1.67	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

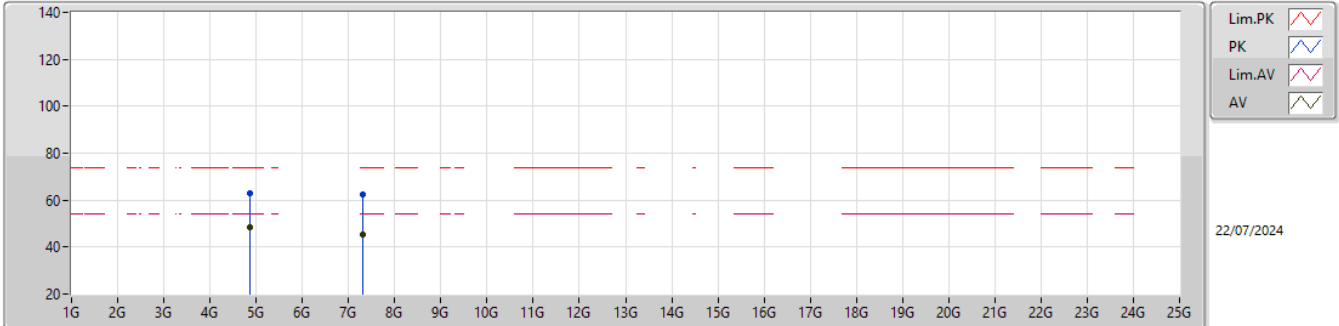


EUT_Y_2TX
Setting 21.5
05-R-G-5

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	4.8702G	68.00	74.00	-6.00	63.63	3	Vertical	117	1.80	-	32.78	7.18	35.59			
AV	4.87548G	53.70	54.00	-0.30	49.30	3	Vertical	117	1.80	-	32.80	7.19	35.59			
PK	7.3074G	60.28	74.00	-13.72	49.39	3	Vertical	7	1.66	-	37.07	8.60	34.78			
AV	7.30752G	42.90	54.00	-11.10	32.01	3	Vertical	7	1.66	-	37.07	8.60	34.78			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

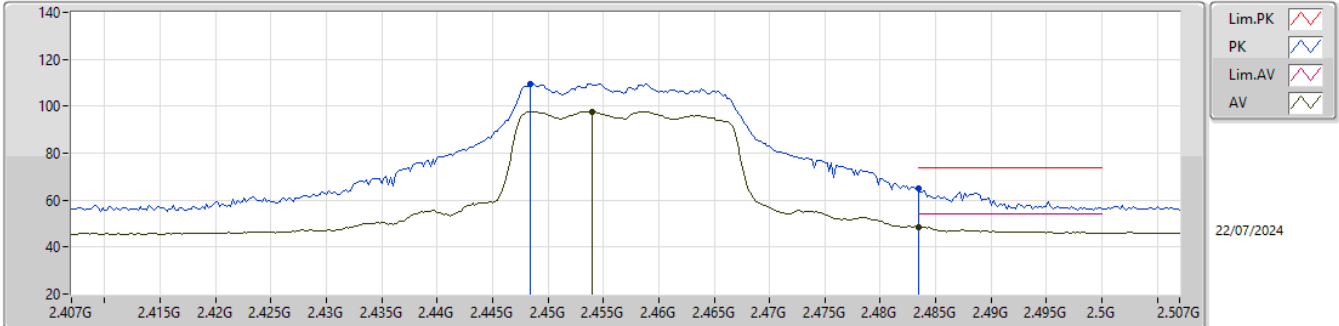


EUT_Y_2TX
Setting 21.5
05-R-G-5

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	4.86752G	62.94	74.00	-11.06	58.58	3	Horizontal	138	2.40	-	32.77	7.18	35.59			
AV	4.87228G	48.22	54.00	-5.78	43.84	3	Horizontal	138	2.40	-	32.79	7.18	35.59			
PK	7.30728G	62.25	74.00	-11.75	51.36	3	Horizontal	97	1.80	-	37.07	8.60	34.78			
AV	7.30848G	45.16	54.00	-8.84	34.27	3	Horizontal	97	1.80	-	37.07	8.60	34.78			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

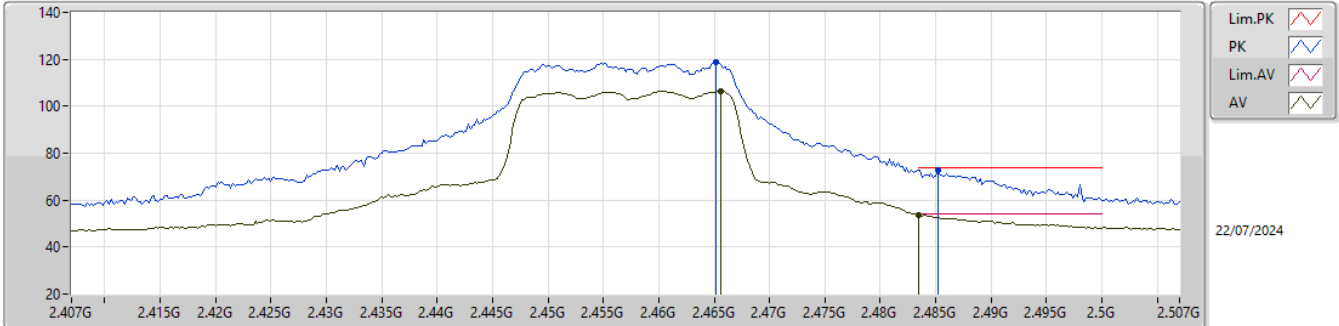


EUT_Y_2TX
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4484G	109.62	Inf	-Inf	77.24	3	Vertical	265	1.70	-	27.62	4.76	-			
AV	2.454G	97.79	Inf	-Inf	65.42	3	Vertical	265	1.70	-	27.60	4.77	-			
PK	2.4835G	65.15	74.00	-8.85	32.45	3	Vertical	265	1.70	-	27.90	4.80	-			
AV	2.4835G	48.69	54.00	-5.31	15.99	3	Vertical	265	1.70	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

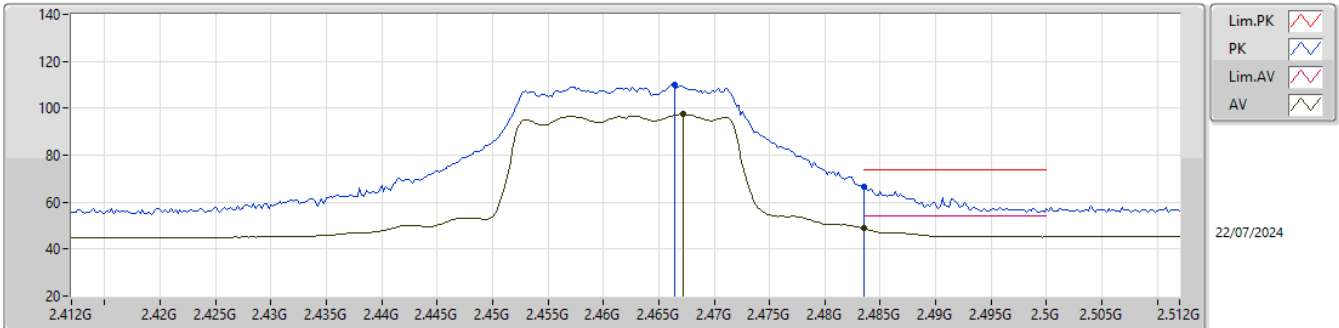


EUT_Y_2TX
Setting 20.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4652G	119.02	Inf	-Inf	86.59	3	Horizontal	95	1.83	-	27.65	4.78	-			
AV	2.4656G	106.33	Inf	-Inf	73.89	3	Horizontal	95	1.83	-	27.66	4.78	-			
PK	2.4852G	72.85	74.00	-1.15	40.15	3	Horizontal	95	1.83	-	27.90	4.80	-			
AV	2.4835G	53.75	54.00	-0.25	21.05	3	Horizontal	95	1.83	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

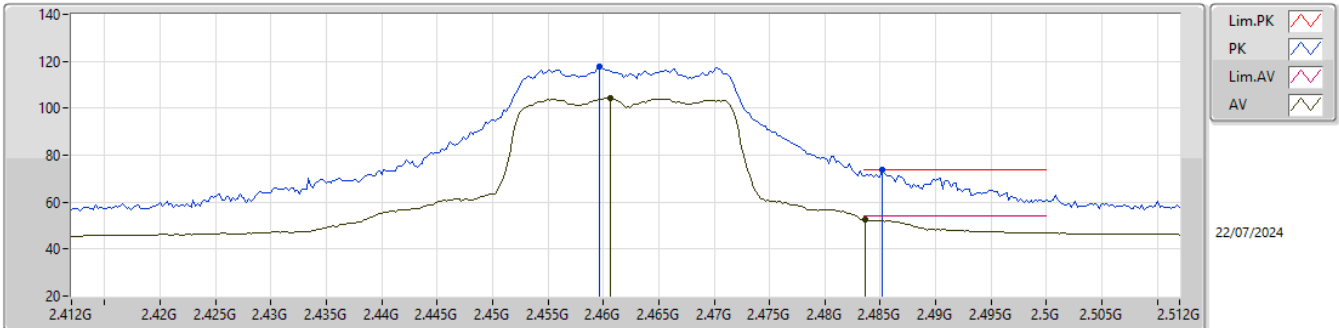


EUT_Y_2TX
Setting 19
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4664G	109.93	Inf	-Inf	77.49	3	Vertical	256	1.92	-	27.66	4.78	-			
AV	2.4672G	97.44	Inf	-Inf	64.99	3	Vertical	256	1.92	-	27.67	4.78	-			
PK	2.4835G	66.78	74.00	-7.22	34.08	3	Vertical	256	1.92	-	27.90	4.80	-			
AV	2.4835G	48.79	54.00	-5.21	16.09	3	Vertical	256	1.92	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

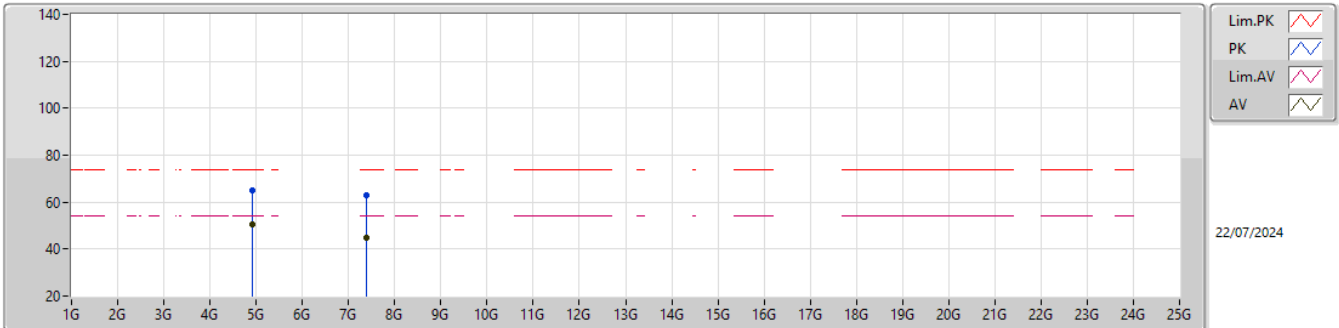


EUT_Y_2TX
Setting 19
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4596G	117.75	Inf	-Inf	85.38	3	Horizontal	94	1.80	-	27.60	4.77	-			
AV	2.4606G	104.21	Inf	-Inf	71.83	3	Horizontal	94	1.80	-	27.61	4.77	-			
PK	2.4852G	73.81	74.00	-0.19	41.11	3	Horizontal	94	1.80	-	27.90	4.80	-			
AV	2.4836G	52.71	54.00	-1.29	20.01	3	Horizontal	94	1.80	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

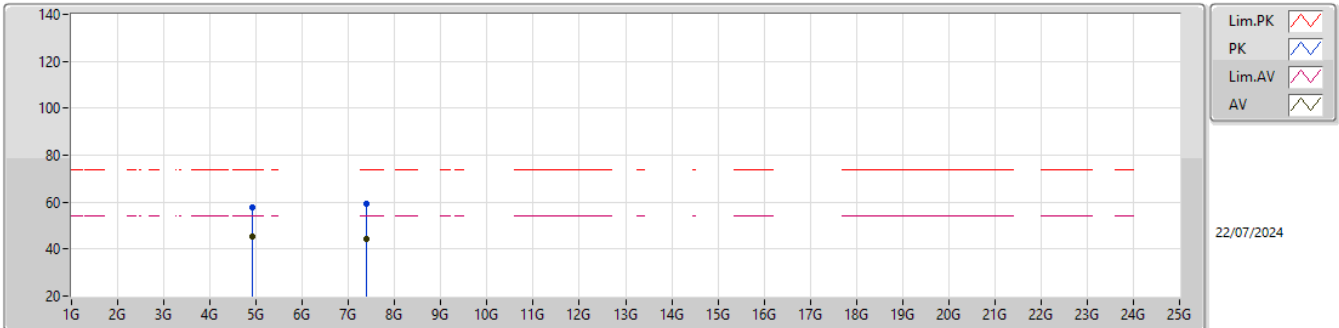


EUT_Y_2TX
Setting 19
05-R-G-5

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	4.91756G	65.02	74.00	-8.98	60.38	3	Vertical	112	1.80	-	33.01	7.21	35.58				
AV	4.92212G	50.29	54.00	-3.71	45.63	3	Vertical	112	1.80	-	33.03	7.21	35.58				
PK	7.38224G	62.80	74.00	-11.20	52.10	3	Vertical	80	1.11	-	36.71	8.63	34.64				
AV	7.3812G	44.87	54.00	-9.13	34.18	3	Vertical	80	1.11	-	36.71	8.63	34.65				

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

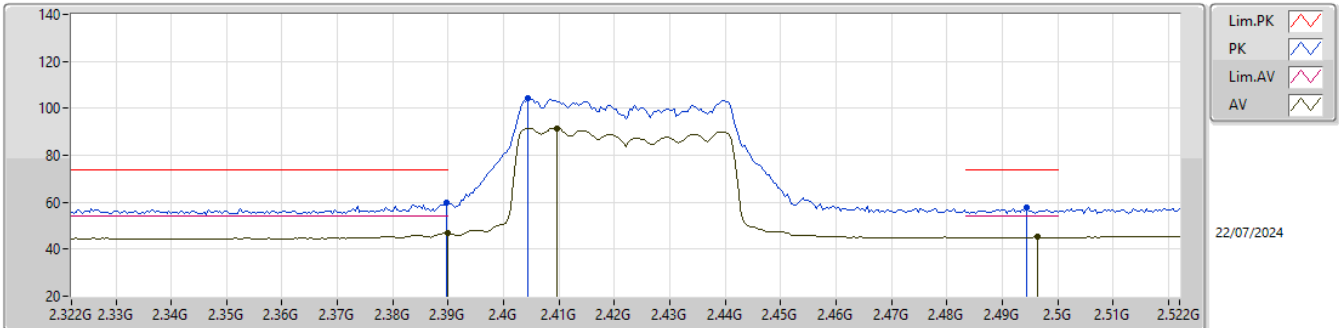


EUT_Y_2TX
Setting 19
05-R-G-5

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	4.91784G	57.56	74.00	-16.44	52.92	3	Horizontal	164	3.00	-	33.01	7.21	35.58			
AV	4.92136G	45.13	54.00	-8.87	40.47	3	Horizontal	164	3.00	-	33.03	7.21	35.58			
PK	7.38248G	59.52	74.00	-14.48	48.82	3	Horizontal	99	3.00	-	36.71	8.63	34.64			
AV	7.38324G	44.41	54.00	-9.59	33.72	3	Horizontal	99	3.00	-	36.70	8.63	34.64			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

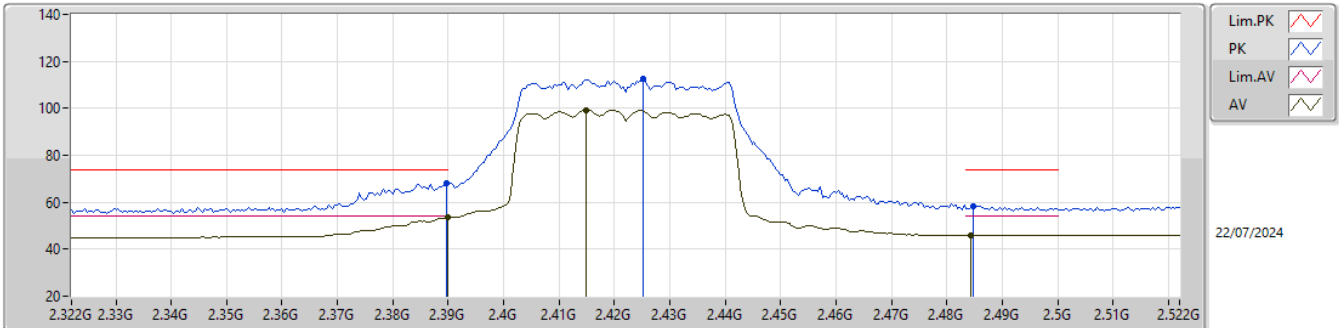


EUT Y_2TX
Setting 17.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3896G	59.69	74.00	-14.31	27.58	3	Vertical	271	1.34	-	27.40	4.71	-			
AV	2.39G	46.75	54.00	-7.25	14.64	3	Vertical	271	1.34	-	27.40	4.71	-			
PK	2.4044G	104.17	Inf	-Inf	71.95	3	Vertical	271	1.34	-	27.50	4.72	-			
AV	2.4096G	91.51	Inf	-Inf	59.28	3	Vertical	271	1.34	-	27.50	4.73	-			
PK	2.4944G	57.86	74.00	-16.14	25.16	3	Vertical	271	1.34	-	27.90	4.80	-			
AV	2.4964G	45.12	54.00	-8.88	12.41	3	Vertical	271	1.34	-	27.90	4.81	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

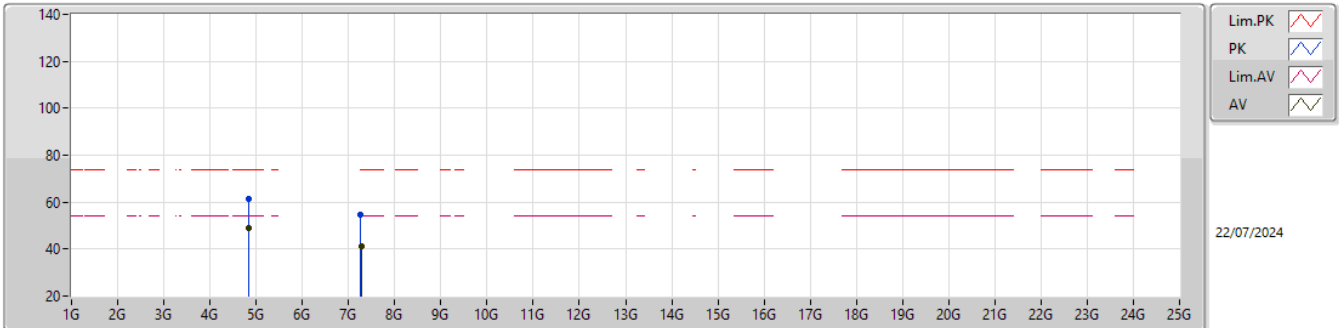


EUT_Y_2TX
Setting 17.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3896G	68.23	74.00	-5.77	36.12	3	Horizontal	99	2.11	-	27.40	4.71	-			
AV	2.39G	53.51	54.00	-0.49	21.40	3	Horizontal	99	2.11	-	27.40	4.71	-			
PK	2.4252G	112.81	Inf	-Inf	80.52	3	Horizontal	99	2.11	-	27.55	4.74	-			
AV	2.4148G	99.30	Inf	-Inf	67.07	3	Horizontal	99	2.11	-	27.50	4.73	-			
PK	2.4848G	58.14	74.00	-15.86	25.44	3	Horizontal	99	2.11	-	27.90	4.80	-			
AV	2.4844G	45.95	54.00	-8.05	13.25	3	Horizontal	99	2.11	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

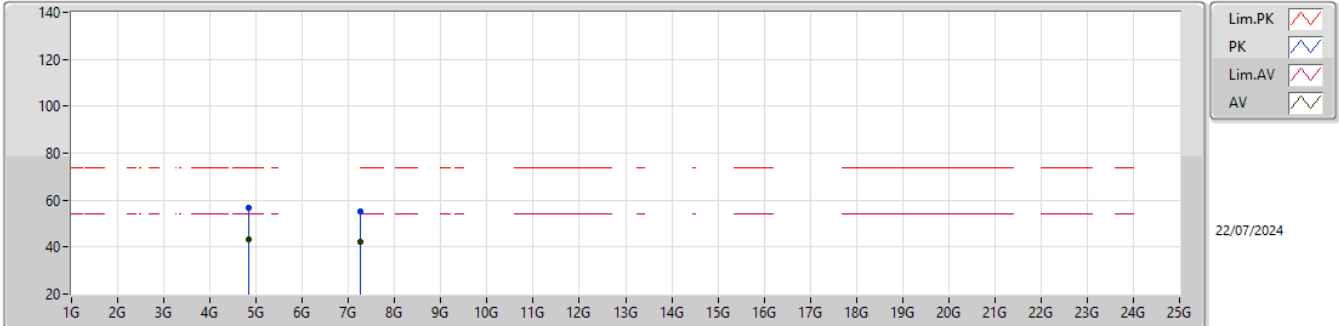


EUT_Y_2TX
Setting 17.5
05-R-G-5

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	4.84644G	61.47	74.00	-12.53	57.21	3	Vertical	119	1.80	-	32.69	7.17	35.60			
AV	4.84516G	48.79	54.00	-5.21	44.53	3	Vertical	119	1.80	-	32.69	7.17	35.60			
PK	7.26708G	54.41	74.00	-19.59	43.57	3	Vertical	224	1.37	-	37.10	8.59	34.85			
AV	7.27552G	41.45	54.00	-12.55	30.60	3	Vertical	224	1.37	-	37.10	8.59	34.84			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

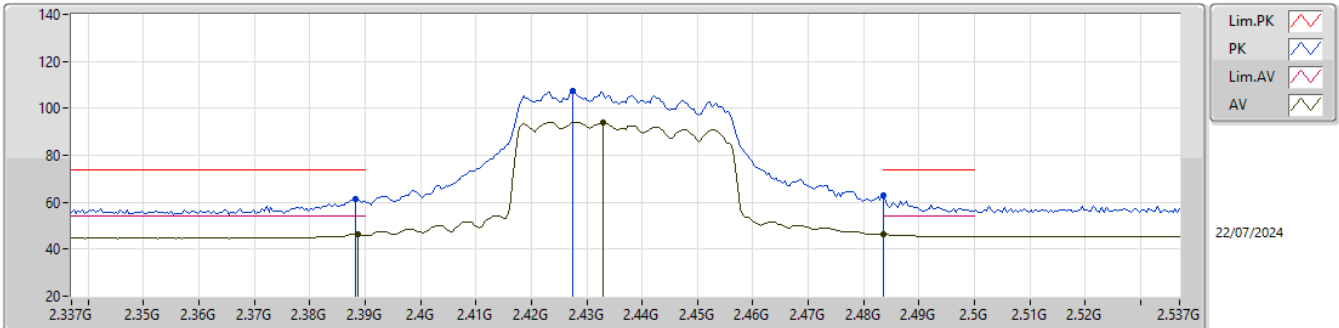


EUT_Y_2TX
Setting 17.5
05-R-G-5

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	4.84736G	56.54	74.00	-17.46	52.28	3	Horizontal	142	2.28	-	32.69	7.17	35.60				
AV	4.84168G	43.53	54.00	-10.47	39.28	3	Horizontal	142	2.28	-	32.68	7.17	35.60				
PK	7.26764G	55.27	74.00	-18.73	44.43	3	Horizontal	40	1.80	-	37.10	8.59	34.85				
AV	7.26696G	42.13	54.00	-11.87	31.29	3	Horizontal	40	1.80	-	37.10	8.59	34.85				

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

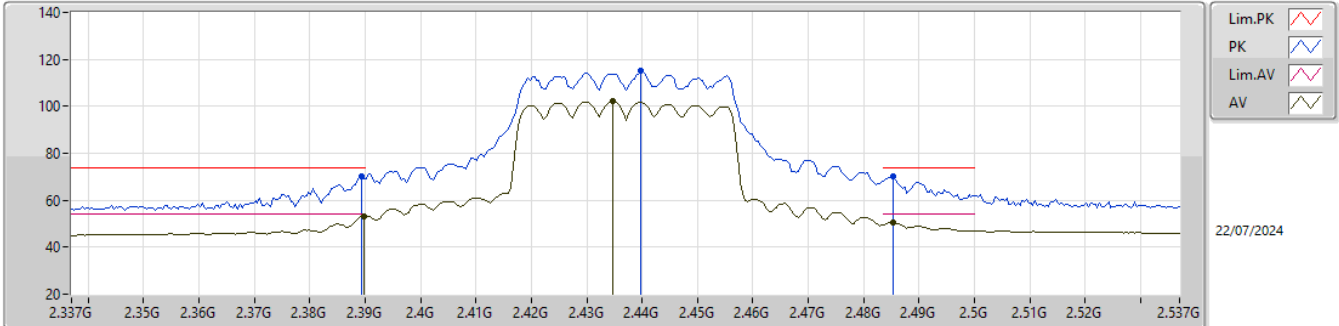


EUT_Y_2TX
Setting 19.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3882G	61.13	74.00	-12.87	29.04	3	Vertical	265	2.19	-	27.38	4.71	-			
AV	2.3886G	46.32	54.00	-7.68	14.22	3	Vertical	265	2.19	-	27.39	4.71	-			
PK	2.4274G	107.19	Inf	-Inf	74.88	3	Vertical	265	2.19	-	27.57	4.74	-			
AV	2.433G	93.97	Inf	-Inf	61.59	3	Vertical	265	2.19	-	27.63	4.75	-			
PK	2.4835G	62.79	74.00	-11.21	30.09	3	Vertical	265	2.19	-	27.90	4.80	-			
AV	2.4835G	46.51	54.00	-7.49	13.81	3	Vertical	265	2.19	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

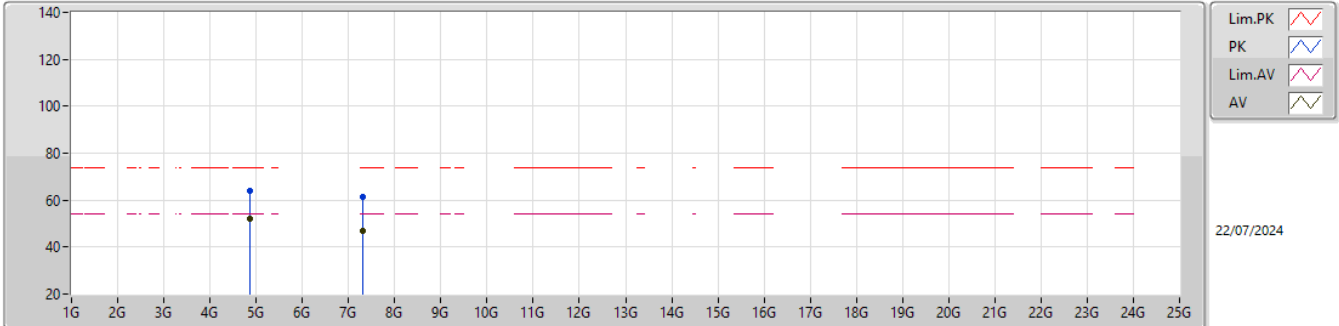


EUT_Y_2TX
Setting 19.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	70.09	74.00	-3.91	37.99	3	Horizontal	61	1.64	-	27.39	4.71	-			
AV	2.3898G	53.34	54.00	-0.66	21.23	3	Horizontal	61	1.64	-	27.40	4.71	-			
PK	2.4398G	114.99	Inf	-Inf	82.53	3	Horizontal	61	1.64	-	27.70	4.76	-			
AV	2.4346G	102.05	Inf	-Inf	69.65	3	Horizontal	61	1.64	-	27.65	4.75	-			
PK	2.4854G	70.35	74.00	-3.65	37.65	3	Horizontal	61	1.64	-	27.90	4.80	-			
AV	2.4854G	50.52	54.00	-3.48	17.82	3	Horizontal	61	1.64	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

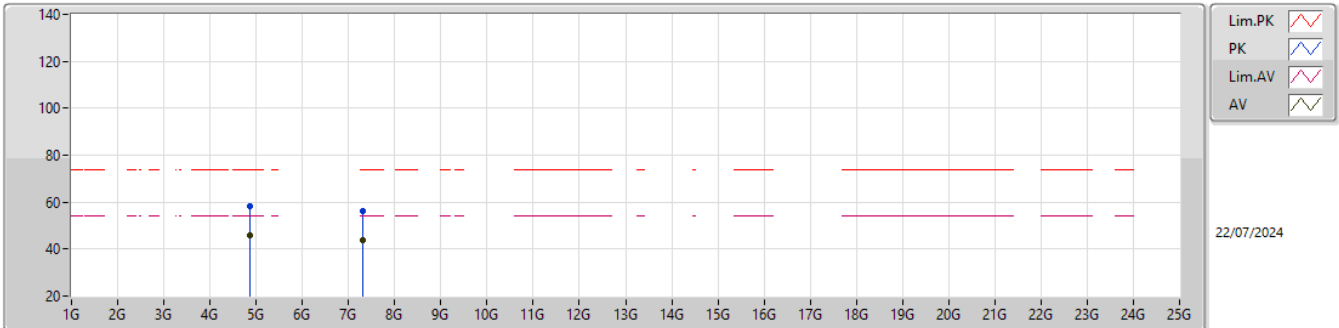


EUT_Y_2TX
Setting 19.5
05-R-G-5

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	4.87628G	64.03	74.00	-9.97	59.62	3	Vertical	116	1.80	-	32.81	7.19	35.59			
AV	4.87096G	51.89	54.00	-2.11	47.52	3	Vertical	116	1.80	-	32.78	7.18	35.59			
PK	7.30536G	61.38	74.00	-12.62	50.48	3	Vertical	77	1.00	-	37.08	8.60	34.78			
AV	7.30708G	46.84	54.00	-7.16	35.95	3	Vertical	77	1.00	-	37.07	8.60	34.78			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

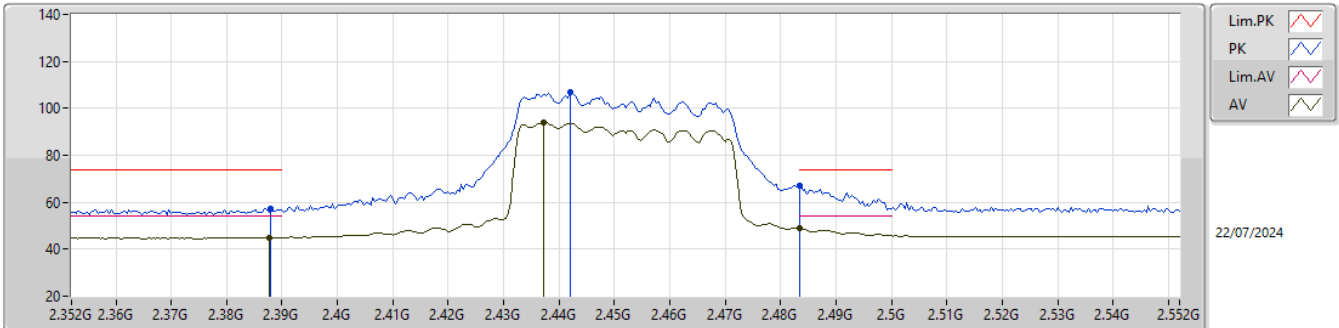


EUT_Y_2TX
Setting 19.5
05-R-G-5

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	4.87168G	58.19	74.00	-15.81	53.81	3	Horizontal	140	2.36	-	32.79	7.18	35.59			
AV	4.87176G	45.92	54.00	-8.08	41.54	3	Horizontal	140	2.36	-	32.79	7.18	35.59			
PK	7.30244G	56.03	74.00	-17.97	45.13	3	Horizontal	98	2.17	-	37.09	8.60	34.79			
AV	7.30288G	43.76	54.00	-10.24	32.86	3	Horizontal	98	2.17	-	37.09	8.60	34.79			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

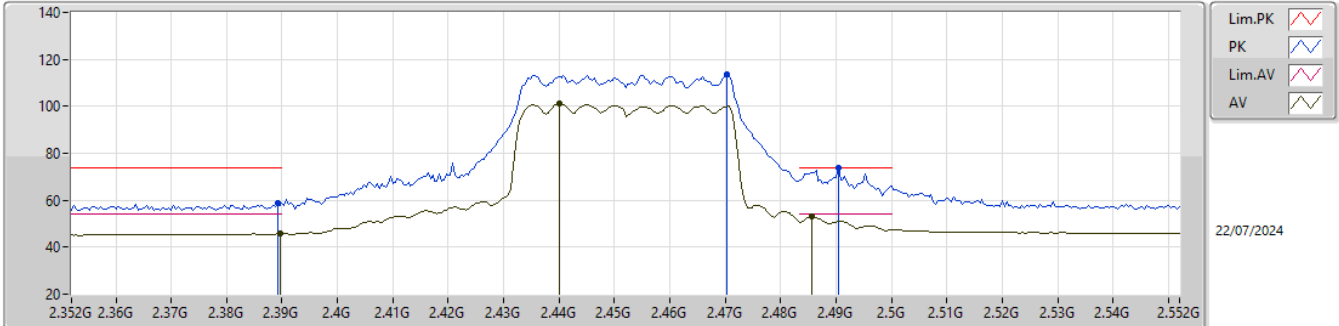


EUT_Y_2TX
Setting 18.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.388G	57.26	74.00	-16.74	25.17	3	Vertical	262	2.22	-	27.38	4.71	-			
AV	2.3876G	44.97	54.00	-9.03	12.88	3	Vertical	262	2.22	-	27.38	4.71	-			
PK	2.442G	106.90	Inf	-Inf	74.46	3	Vertical	262	2.22	-	27.68	4.76	-			
AV	2.4372G	93.97	Inf	-Inf	61.55	3	Vertical	262	2.22	-	27.67	4.75	-			
PK	2.4835G	66.83	74.00	-7.17	34.13	3	Vertical	262	2.22	-	27.90	4.80	-			
AV	2.4835G	48.81	54.00	-5.19	16.11	3	Vertical	262	2.22	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

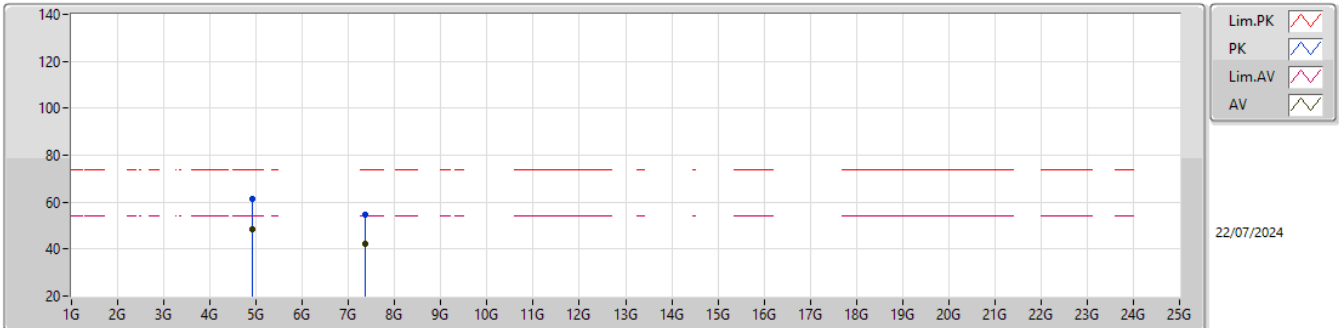


EUT_Y_2TX
Setting 18.5
06-C-S-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3892G	58.88	74.00	-15.12	26.78	3	Horizontal	94	2.02	-	27.39	4.71	-			
AV	2.3896G	45.75	54.00	-8.25	13.64	3	Horizontal	94	2.02	-	27.40	4.71	-			
PK	2.4704G	113.77	Inf	-Inf	81.28	3	Horizontal	94	2.02	-	27.71	4.78	-			
AV	2.44G	101.20	Inf	-Inf	68.74	3	Horizontal	94	2.02	-	27.70	4.76	-			
PK	2.4904G	73.80	74.00	-0.20	41.10	3	Horizontal	94	2.02	-	27.90	4.80	-			
AV	2.4856G	52.90	54.00	-1.10	20.20	3	Horizontal	94	2.02	-	27.90	4.80	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

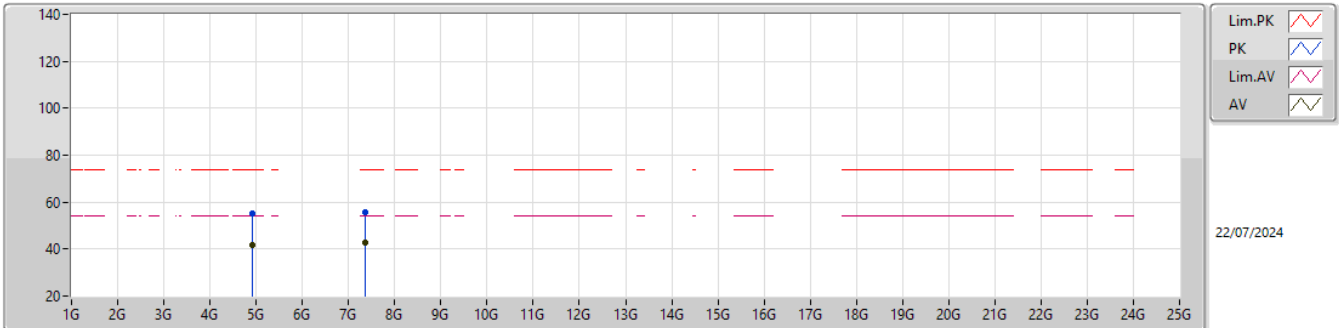


EUT_Y_2TX
Setting 18.5
05-R-G-5

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	4.91036G	61.13	74.00	-12.87	56.54	3	Vertical	119	1.80	-	32.96	7.21	35.58			
AV	4.91104G	48.57	54.00	-5.43	43.97	3	Vertical	119	1.80	-	32.97	7.21	35.58			
PK	7.35264G	54.81	74.00	-19.19	44.01	3	Vertical	55	1.80	-	36.88	8.62	34.70			
AV	7.35816G	42.18	54.00	-11.82	31.40	3	Vertical	55	1.80	-	36.85	8.62	34.69			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



EUT_Y_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	4.9126G	55.15	74.00	-18.85	50.54	3	Horizontal	173	3.00	-	32.98	7.21	35.58			
AV	4.9112G	41.55	54.00	-12.45	36.95	3	Horizontal	173	3.00	-	32.97	7.21	35.58			
PK	7.36396G	55.47	74.00	-18.53	44.70	3	Horizontal	100	2.97	-	36.82	8.63	34.68			
AV	7.35832G	42.67	54.00	-11.33	31.89	3	Horizontal	100	2.97	-	36.85	8.62	34.69			