Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	TLZ-CU5XX
Equipment	:	Wireless MCU with Integrated Tri-radio Wi-Fi 6 + BLE 5.3/802.15.4 LGA module, Wireless MCU with Integrated Wi Fi 6 and Bluetooth Low Energy 5. 3 Module
Brand Name	:	AzureWave
Model Name	:	AW-CU570, AW-CU598
Applicant	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard	:	47 CFR FCC Part 15.247

The product was received on Dec. 12, 2023, and testing was started from Dec. 26, 2023 and completed on Jun. 14, 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

Report No.	Version	Description	Issued Date
FR3N2709AC	01	Initial issue of report	Jun. 28, 2024

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/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(Coded S=2)	1.0	1TX
2.4-2.4835GHz	BT-LE(Coded S=8)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:
- Bluetooth LE uses a GFSK modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ARISTOTLE	RFA-27-C38H1-C198	Dipole	u.FL	Note 1
2	Molex	2128600011	Dipole	u.FL	
3	LYNwave	2570	PCB	N/A	

Note 1:

Ant.	Port				Gain (dBi)			
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Thread	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Thread
1	-	1	-	-	3	5	3	3
2	1	-	1	1	Note 2			
3	1	1	1	1	2.2	4.4	2.2	2.2

Note 2: The Ant. 2 has one RF cable (Brand: TE Connectivity / Model Name: Linx Connectivity / Remark: 11.5cm), and its gains are listed below.

Ant.	Gain (dBi)				
		WLAN 2.4GHz	WLAN 5GHz	Bluetooth	Thread
2	Max Peak Gain	5.3	4.5	5.3	5.3
	Cable Loss	0.34	0.34	0.34	0.34
	Net Gain	4.96	4.16	4.96	4.96

Note 3: The above information was declared by manufacturer.

Note 4: **For RF Conducted tests:**

The Ant. 2 in WLAN 2.4GHz / Bluetooth / Thread and the Ant. 1 in WLAN 5GHz have higher gain than others in the same band. Therefore, they were selected to perform the test.

For AC Conduction and Radiated tests:

The EUT has two types of antenna. The antennas with higher gain in each band of each type were selected to test and their data were recorded in this report. Thus, Ant. 1 & Ant. 3 were selected to test WLAN 5GHz, and Ant. 2 & Ant. 3 were selected to test WLAN 2.4GHz / Bluetooth / Thread.

Note 5: **For 2.4GHz function:**

For IEEE 802.11 b/g/n/VHT/ax (1TX/1RX):

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

For 5GHz function:

For IEEE 802.11a/n/ac/ax (1TX/1RX):

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

For bluetooth function (1TX/1RX):

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

For Thread function (1TX/1RX):

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-LE(1Mbps)	0.622	2.06	388.75u	3k
BT-LE(2Mbps)	0.33	4.81	206.25u	10k

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	DutApiMimoApApp 2.0.0.2			
Support Mode	☒	LE 1M PHY: 1 Mb/s		
	☒	LE Coded PHY (S=2): 500 Kb/s		
	☒	LE Coded PHY (S=8): 125 Kb/s		
	☒	LE 2M PHY: 2 Mb/s		

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The two EUTs are identical except for the difference listed below:

EUT	Equipment Name	Model Name	Thread Function
1	Wireless MCU with Integrated Tri-radio Wi-Fi 6 + BLE 5.3/802.15.4 LGA module	AW-CU570	V
2	Wireless MCU with Integrated Wi Fi 6 and Bluetooth Low Energy 5. 3 Module	AW-CU598	X

Note 1: From the above EUTs, EUT 1 (AW-CU570) was selected as representative EUT for the test and its data was recorded in this report.

Note 2: 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 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	TH02-CB	Mason Chan	21.1~22.8 / 63~67	Dec. 28, 2023~ Mar. 01, 2024
Radiated < 1GHz	03CH01-CB	Paul Hu	22.4-23.5 / 55-58	Feb. 07, 2024~ May 23, 2024
	03CH04-CB		21-22 / 56-59	
Radiated > 1GHz	03CH01-CB	Paul Hu	22.4~23.5 / 55~58	Dec. 26, 2023~ Feb. 29, 2024
	03CH06-CB		21.9~22.8 / 56~58	
AC Conduction	CO01-CB	Tim Chen	20~21 / 63~64	Feb. 22, 2024~ Jun. 14, 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)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
BT-LE(1Mbps)
2402MHz
2440MHz
2480MHz
BT-LE(2Mbps)
2402MHz
2440MHz
2480MHz

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	EUT 1 + Ant. 2_Thread
2	EUT 1 + Ant. 2_Bluetooth
3	EUT 1 + Ant. 2_WLAN 2.4GHz
4	EUT 1 + Ant. 1_WLAN 5GHz
5	EUT 1 + Ant. 3_Thread
6	EUT 1 + Ant. 3_Bluetooth
7	EUT 1 + Ant. 3_WLAN 2.4GHz
8	EUT 1 + Ant. 3_WLAN 5GHz
For operating, mode 6 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	
Test Mode	1	EUT 1 + Ant. 2

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	CTX
	The EUT was performed at X axis, Y axis and Z axis position in Radiated Emission test > 1GHz, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT 1 in Y axis + Ant. 2_WLAN 2.4GHz
2	EUT 1 in Y axis + Ant. 2_Bluetooth
3	EUT 1 in Y axis + Ant. 2_Thread
4	EUT 1 in Y axis + Ant. 1_WLAN 5GHz
5	EUT 1 in Y axis + Ant. 3_WLAN 2.4GHz
6	EUT 1 in Y axis + Ant. 3_Bluetooth
7	EUT 1 in Y axis + Ant. 3_Thread
8	EUT 1 in Y axis + Ant. 3_WLAN 5GHz
For operating, mode 2 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT 1 in Y axis + Ant. 2
2	EUT 1 in Y axis + Ant. 3

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	2570-i4	N/A
B	NB	DELL	E6430	N/A

For Radiated < 1GHz:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	2570-i4	N/A
B	DC Power Supply	MOTECH	LPS-305	N/A

For Radiated > 1GHz:

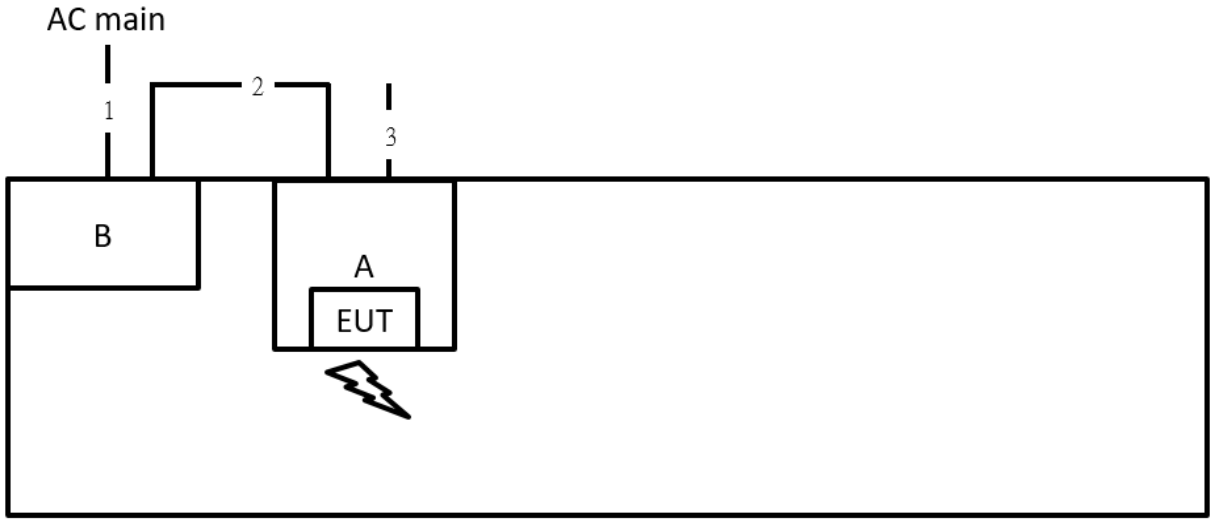
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture	AzureWave	2570-i4	N/A
B	DC Power Supply	MOTECH	LPS-305	N/A
C	NB	DELL	E4300	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Fixture	AzureWave	2570-i4	N/A

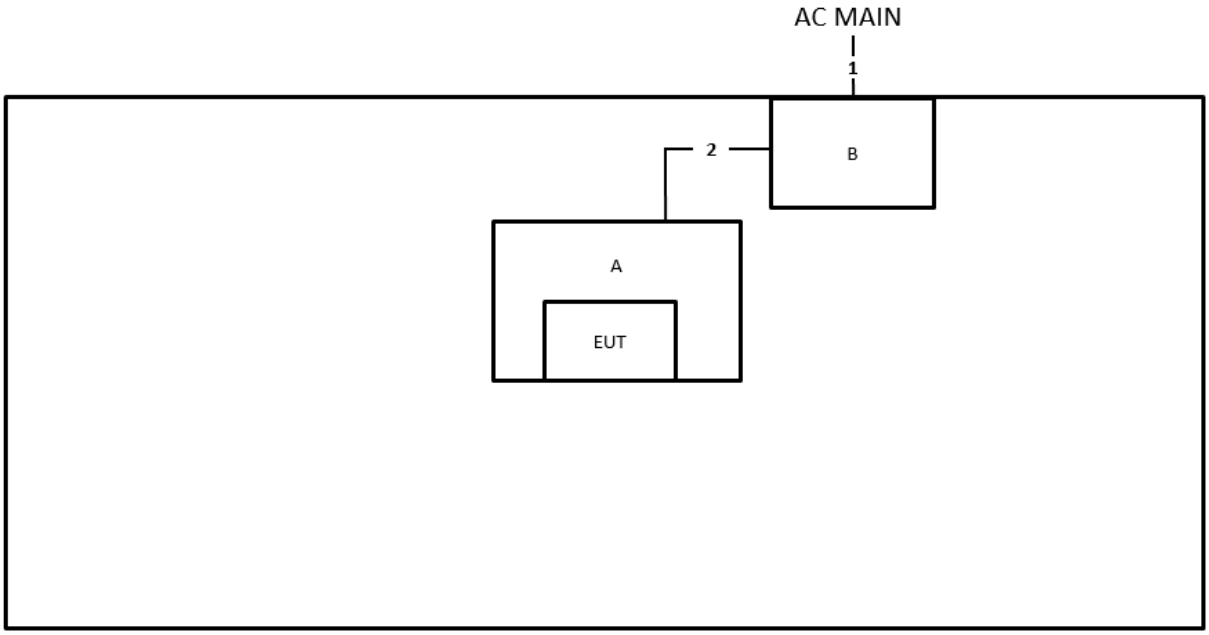
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



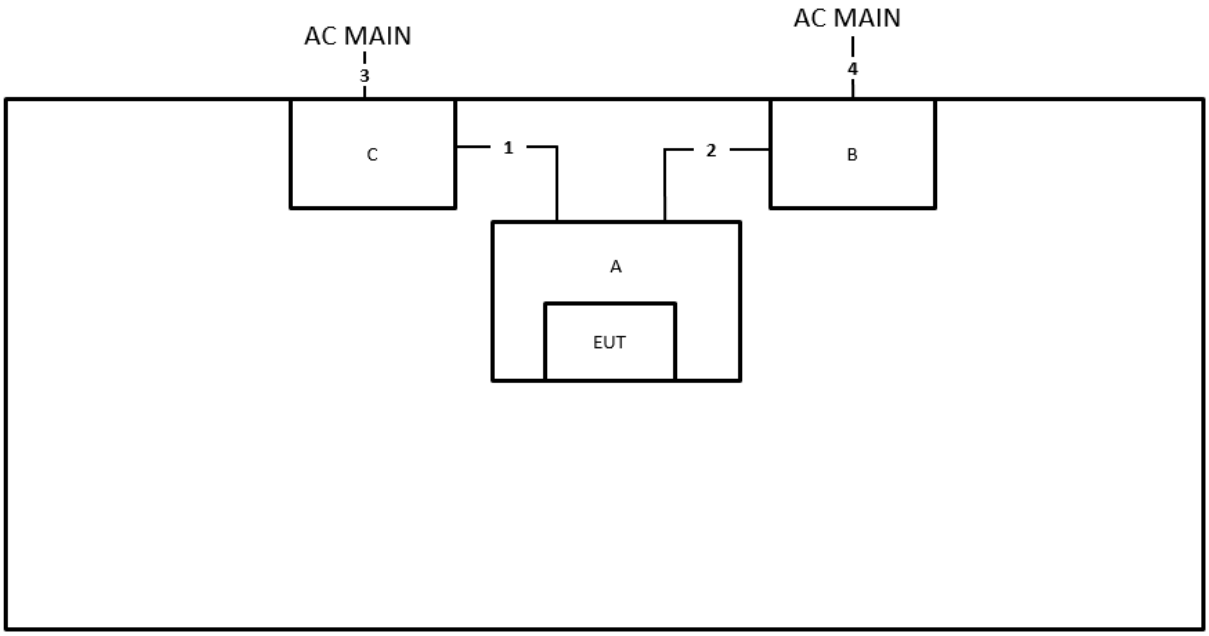
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	DC cable*2	No	1m
3	Type C USB cable	Yes	1m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.2m
2	DC cable*2	No	1m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	USB to Type C cable	Yes	1m
2	DC cable*2	No	1m
3	Power cable	No	1.7m
4	Power cable	No	1.2m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

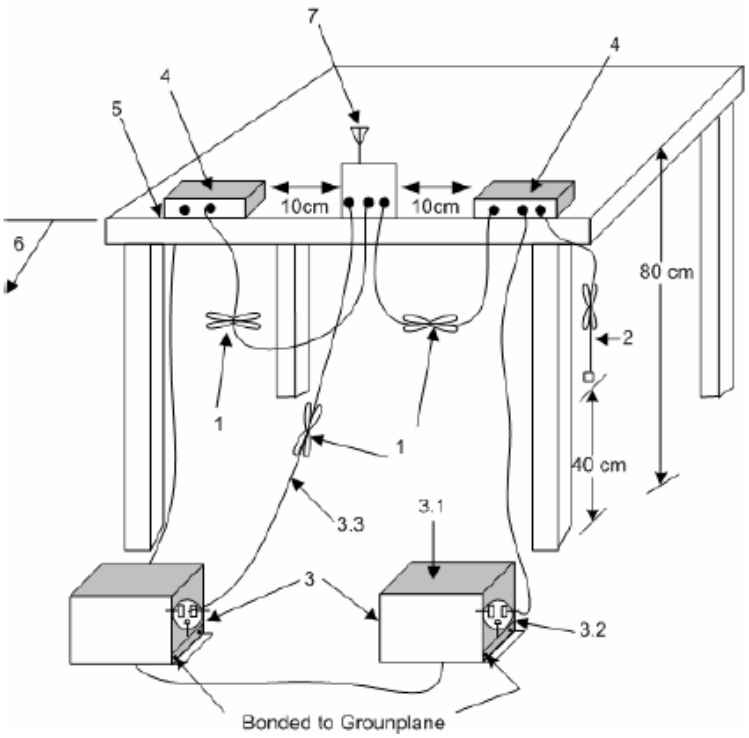
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

1.1.1. Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.5 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 ≥ 500 kHz.

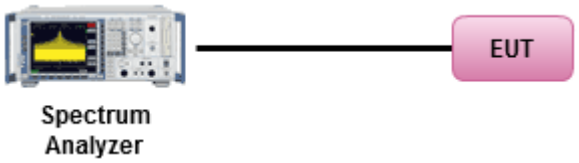
3.2.2 Measuring Instruments

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

Emission Bandwidth


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 ≥ 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 ≥ 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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

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

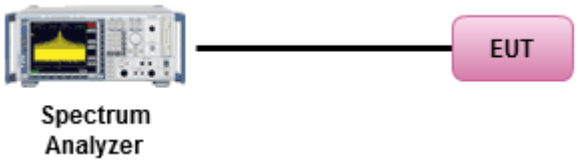
3.4.2 Measuring Instruments

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.	
	[duty cycle ≥ 98% or external video / power trigger]	
▪ 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

Power Spectral Density


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

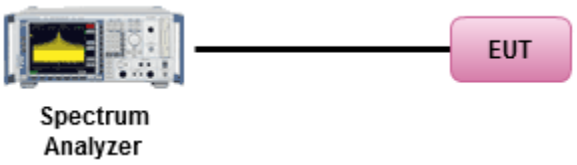
Refer a test equipment and calibration data table in this test report.

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

Emissions in Non-restricted Frequency Bands



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 below30 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.

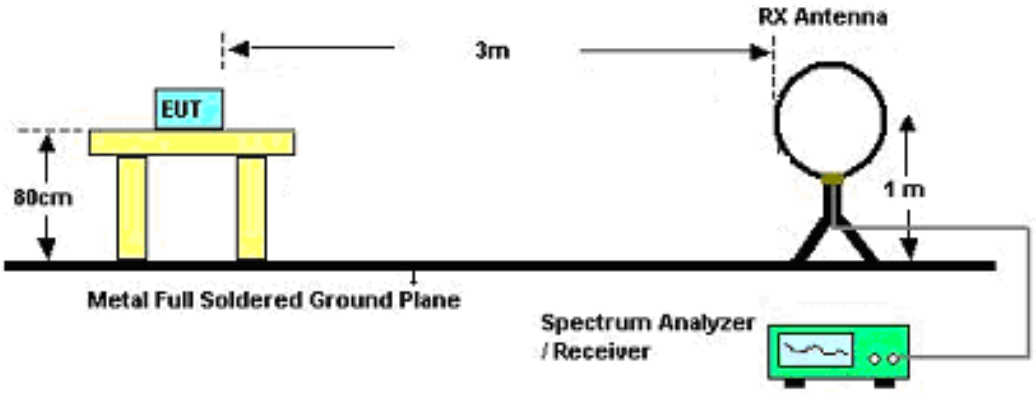
3.6.3 Test Procedures

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 ≥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≥1/T).
☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
☒ Refer as FCC KDB 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.

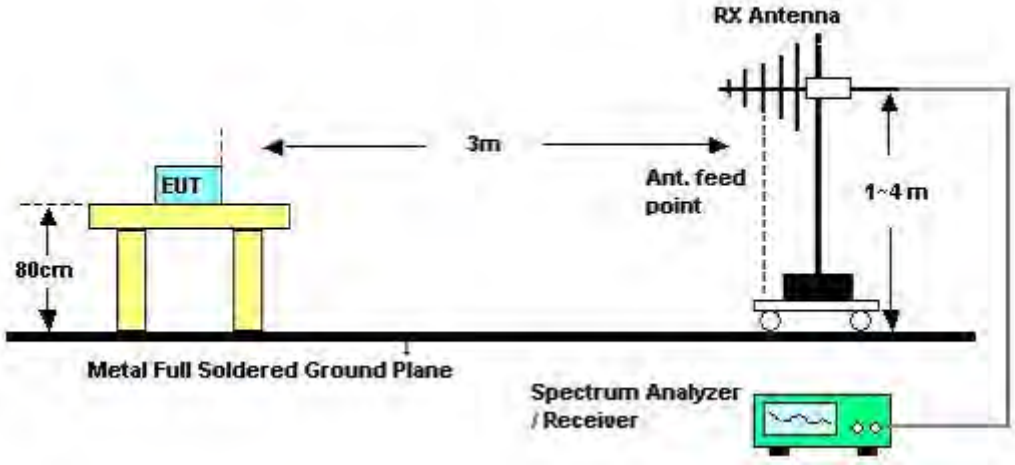
3.6.4 Test Setup

Emissions in Restricted Frequency Bands

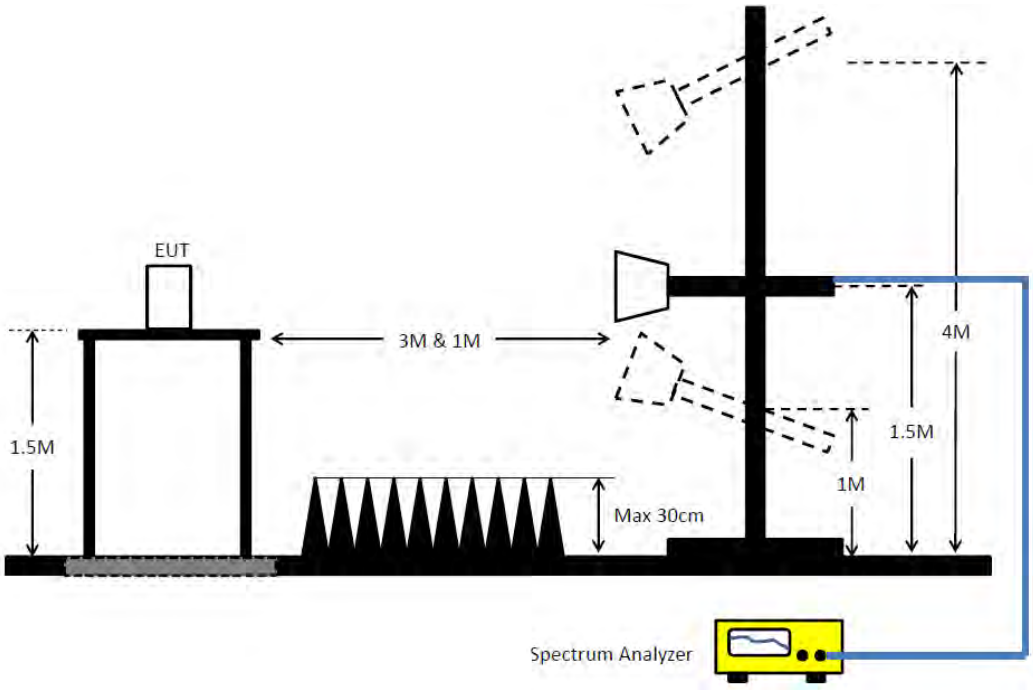
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO01-CB)
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 29, 2023	Dec. 28, 2024	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	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 - 30MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30MHz ~ 1GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 19, 2023	Feb. 18, 2024	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 18, 2024	Feb. 17, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jun. 23, 2023	Jun. 22, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-31+32	30MHz ~ 1GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (05CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1GHz ~ 18GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1GHz ~ 18GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30MHz ~ 1GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 07, 2023	Oct. 06, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 23, 2023	May 22, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 22, 2024	May 21, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 21, 2023	Mar. 20, 2024	Radiation (03CH04-CB
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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. 21, 2023	Apr. 20, 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	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 14, 2023	Aug. 13, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1–26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

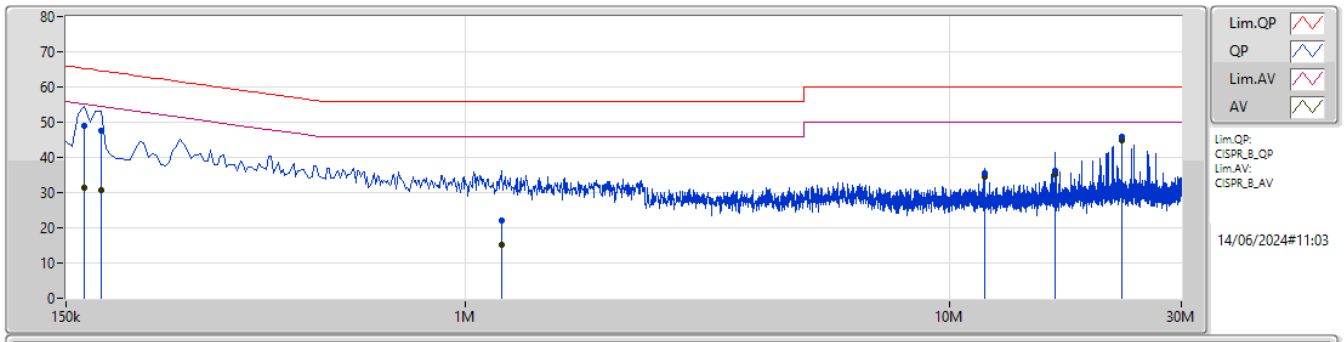
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

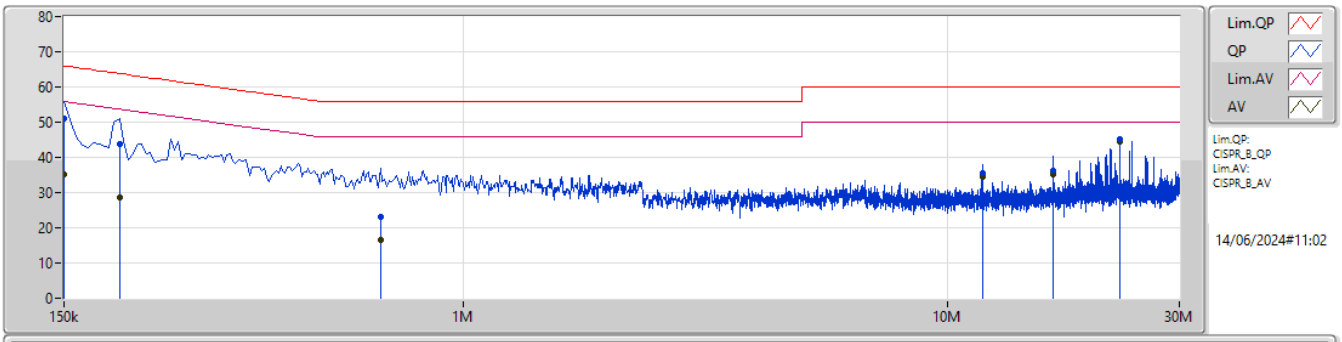
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 6	Pass	AV	22.641M	45.00	50.00	-5.00	Line

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	48.97	65.27	-16.30	9.92	Line	-	39.05	0.04	0.02	9.86
AV	163.5k	31.24	55.27	-24.03	9.92	Line	-	21.32	0.04	0.02	9.86
QP	177k	47.50	64.62	-17.12	9.92	Line	-	37.58	0.04	0.02	9.86
AV	177k	30.84	54.62	-23.78	9.92	Line	-	20.92	0.04	0.02	9.86
QP	1.185M	22.04	56.00	-33.96	10.00	Line	-	12.04	0.07	0.02	9.91
AV	1.185M	15.23	46.00	-30.77	10.00	Line	-	5.23	0.07	0.02	9.91
QP	11.76M	35.38	60.00	-24.62	10.34	Line	-	25.04	0.25	0.16	9.93
AV	11.76M	34.55	50.00	-15.45	10.34	Line	-	24.21	0.25	0.16	9.93
QP	16.467M	36.33	60.00	-23.67	10.46	Line	-	25.87	0.29	0.20	9.97
AV	16.467M	35.31	50.00	-14.69	10.46	Line	-	24.85	0.29	0.20	9.97
QP	22.641M	45.70	60.00	-14.30	10.60	Line	-	35.10	0.32	0.24	10.04
AV	22.641M	45.00	50.00	-5.00	10.60	Line	"Worst"	34.40	0.32	0.24	10.04

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	50.91	66.00	-15.09	9.95	Neutral	-	40.96	0.06	0.02	9.87
AV	150k	35.09	56.00	-20.91	9.95	Neutral	-	25.14	0.06	0.02	9.87
QP	195k	43.71	63.82	-20.11	9.93	Neutral	-	33.78	0.06	0.02	9.85
AV	195k	28.62	53.82	-25.20	9.93	Neutral	-	18.69	0.06	0.02	9.85
QP	676.5k	23.27	56.00	-32.73	9.98	Neutral	-	13.29	0.07	0.01	9.90
AV	676.5k	16.51	46.00	-29.49	9.98	Neutral	-	6.53	0.07	0.01	9.90
QP	11.76M	35.39	60.00	-24.61	10.34	Neutral	-	25.05	0.25	0.16	9.93
AV	11.76M	34.61	50.00	-15.39	10.34	Neutral	-	24.27	0.25	0.16	9.93
QP	16.467M	36.23	60.00	-23.77	10.45	Neutral	-	25.78	0.28	0.20	9.97
AV	16.467M	35.22	50.00	-14.78	10.45	Neutral	-	24.77	0.28	0.20	9.97
QP	22.641M	45.33	60.00	-14.67	10.62	Neutral	-	34.71	0.34	0.24	10.04
AV	22.641M	44.42	50.00	-5.58	10.62	Neutral	"Worst"	33.80	0.34	0.24	10.04

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-LE(1Mbps)	703.75k	1.029M	1M03F1D	648.75k	1.028M
BT-LE(2Mbps)	1.455M	2.084M	2M08F1D	1.195M	2.064M

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

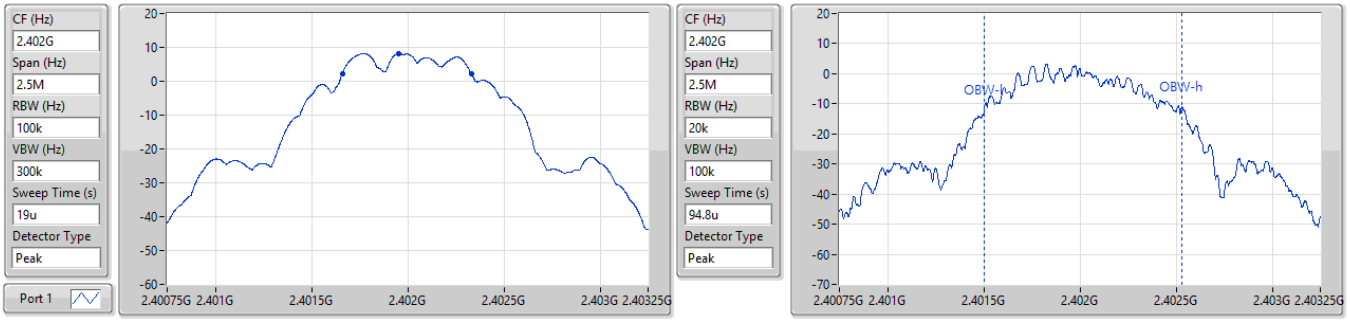
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	671.25k	1.028M
2440MHz	Pass	500k	648.75k	1.029M
2480MHz	Pass	500k	703.75k	1.028M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.455M	2.074M
2440MHz	Pass	500k	1.195M	2.064M
2480MHz	Pass	500k	1.365M	2.084M

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

2.4-2.4835GHz_BT-LE(1Mbps) **EBW-DTS**

2402MHz

28/12/2023

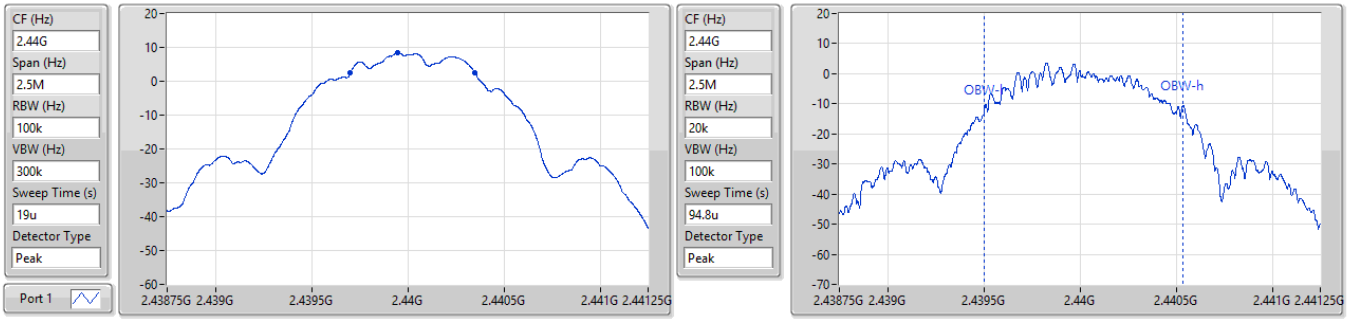


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
671.25k	2.40166G	2.402331G	1.028M	2.401501G	2.40253G	500k	1

2.4-2.4835GHz_BT-LE(1Mbps) **EBW-DTS**

2440MHz

28/12/2023

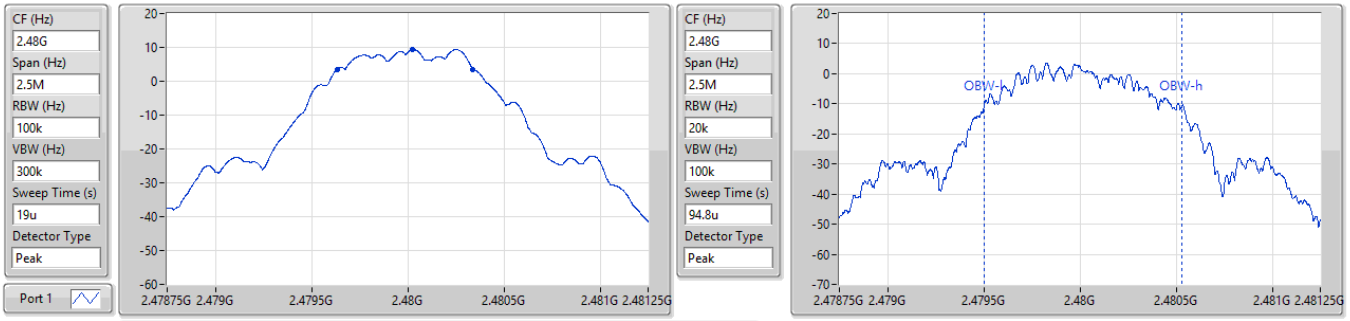


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
648.75k	2.439703G	2.440351G	1.029M	2.439504G	2.440533G	500k	1

2.4-2.4835GHz_BT-LE(1Mbps) **EBW-DTS**

2480MHz

28/12/2023

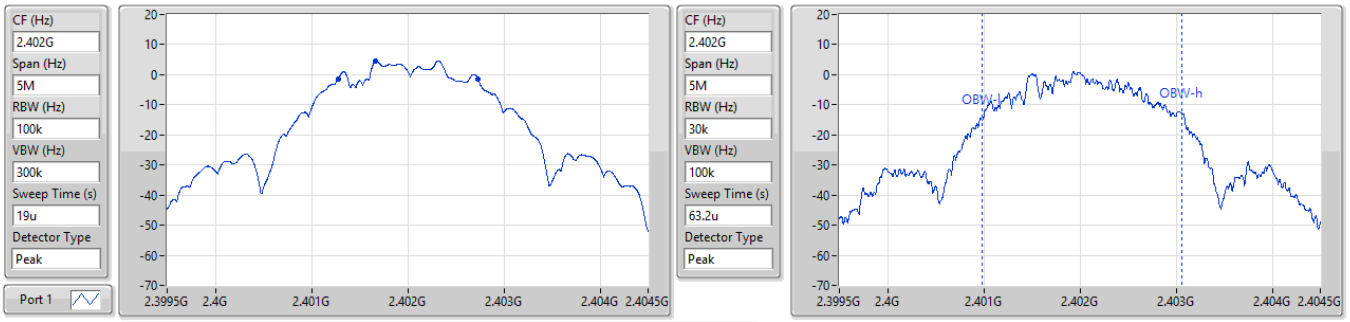


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
703.75k	2.479633G	2.480336G	1.028M	2.479501G	2.48053G	500k	1

2.4-2.4835GHz_BT-LE(2Mbps) **EBW-DTS**

2402MHz

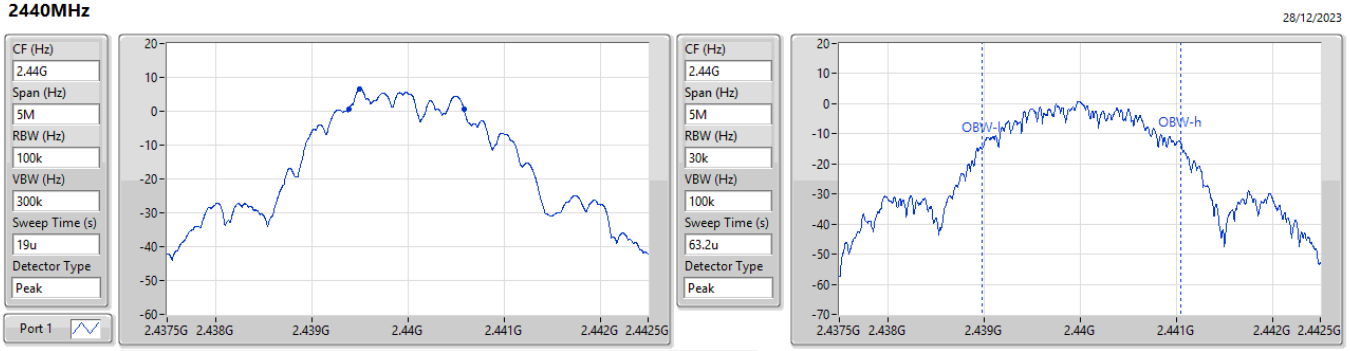
28/12/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.455M	2.401278G	2.402733G	2.074M	2.400986G	2.403059G	500k	1

2.4-2.4835GHz_BT-LE(2Mbps) **EBW-DTS**

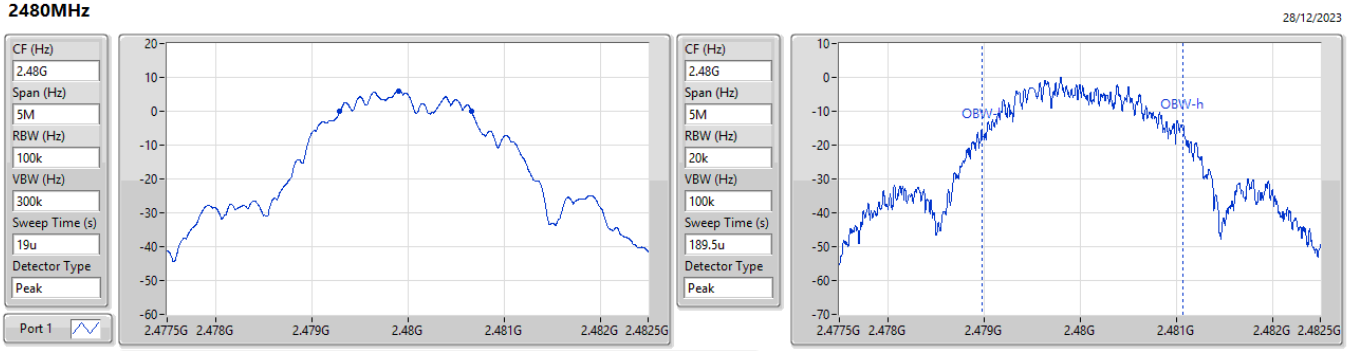
2440MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.195M	2.43939G	2.440585G	2.064M	2.438986G	2.441049G	500k	1

2.4-2.4835GHz_BT-LE(2Mbps) **EBW-DTS**

2480MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.365M	2.479295G	2.48066G	2.084M	2.478986G	2.481069G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	9.86	0.00968
BT-LE(2Mbps)	9.71	0.00935

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	4.96	9.31	30.00
2440MHz	Pass	4.96	9.56	30.00
2480MHz	Pass	4.96	9.86	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	4.96	9.08	30.00
2440MHz	Pass	4.96	9.15	30.00
2480MHz	Pass	4.96	9.71	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-5.70
BT-LE(2Mbps)	-8.35

RBW = 3kHz;

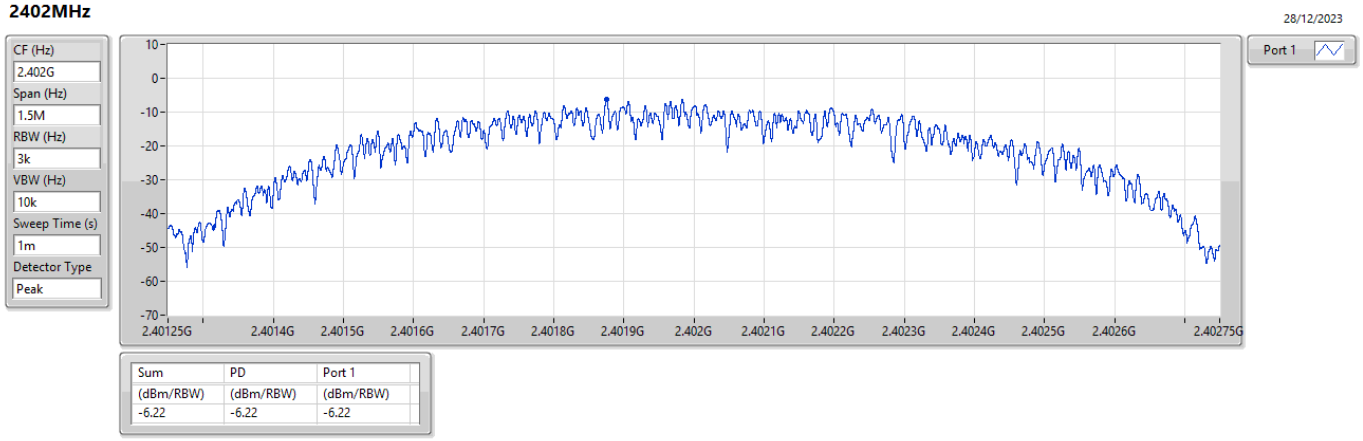
Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	4.96	-6.22	8.00
2440MHz	Pass	4.96	-5.87	8.00
2480MHz	Pass	4.96	-5.70	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	4.96	-8.90	8.00
2440MHz	Pass	4.96	-8.55	8.00
2480MHz	Pass	4.96	-8.35	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_BT-LE(1Mbps) **PSD**

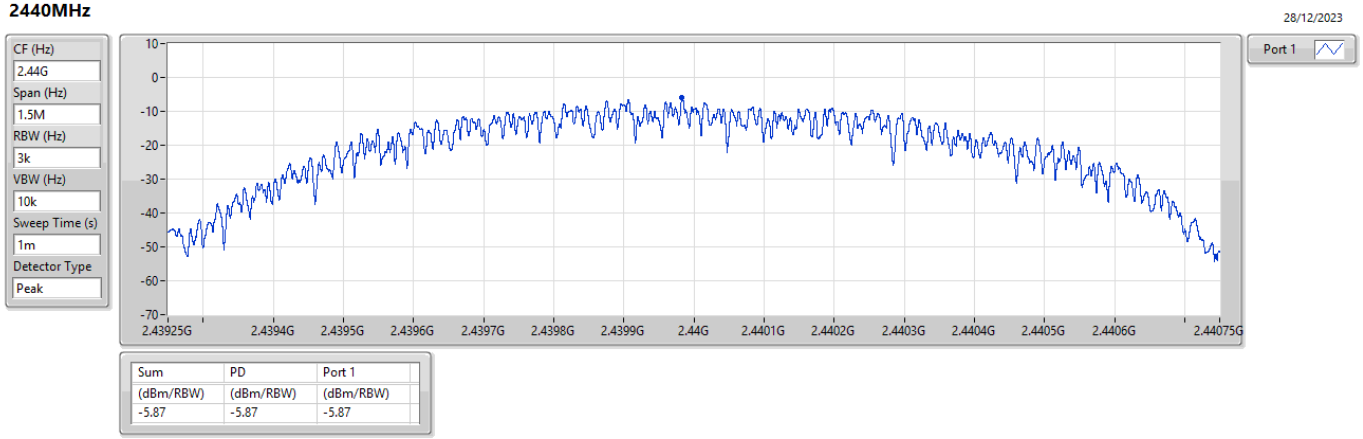
2402MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.22	-6.22	-6.22

2.4-2.4835GHz_BT-LE(1Mbps) **PSD**

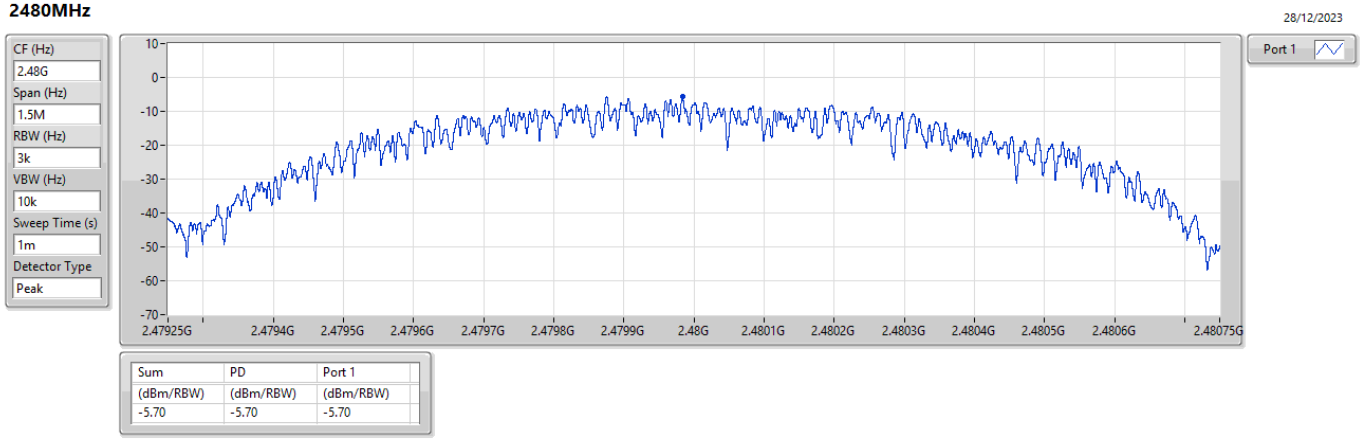
2440MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.87	-5.87	-5.87

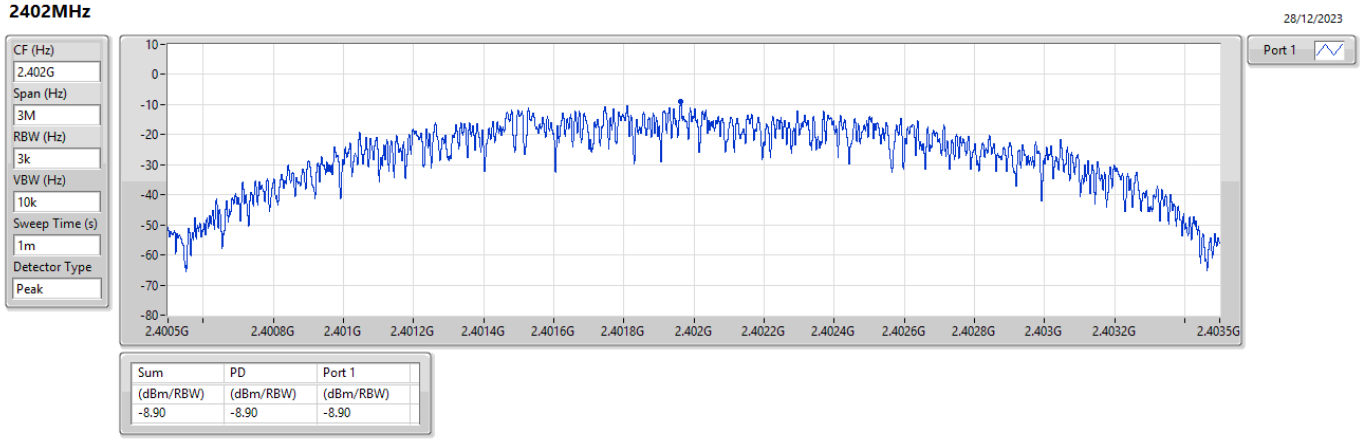
2.4-2.4835GHz_BT-LE(1Mbps) **PSD**

2480MHz



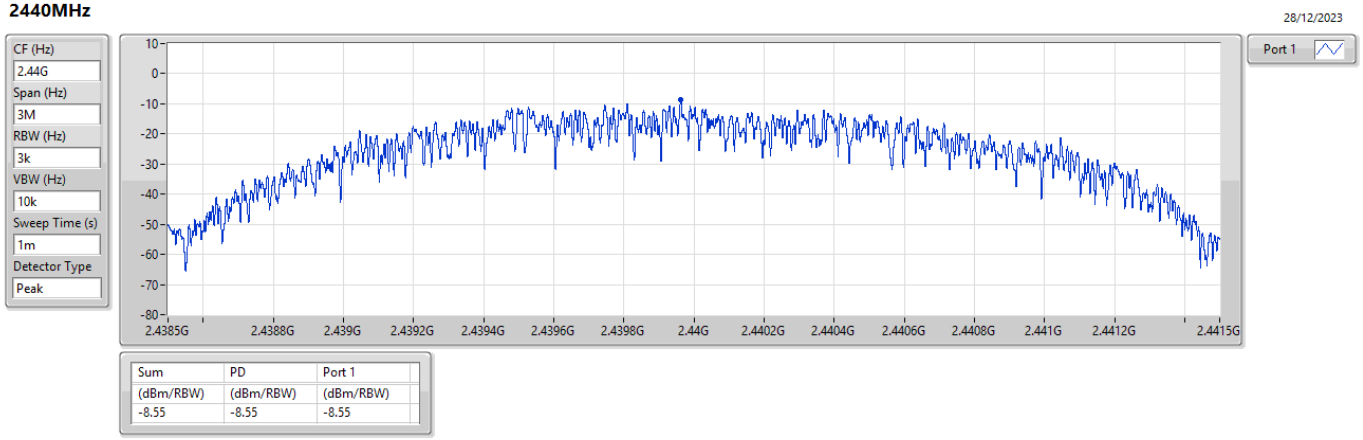
2.4-2.4835GHz_BT-LE(2Mbps) **PSD**

2402MHz



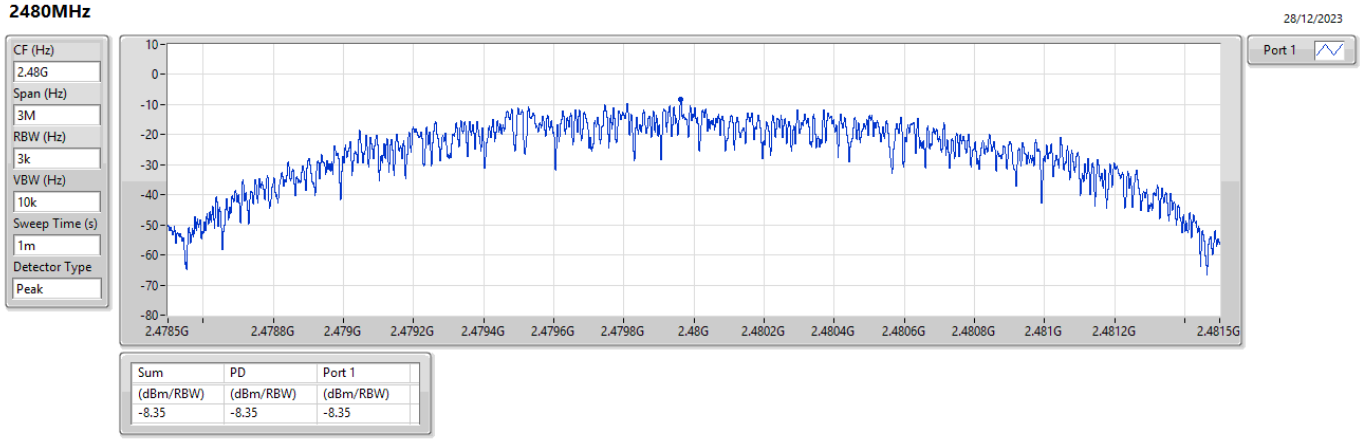
2.4-2.4835GHz_BT-LE(2Mbps) **PSD**

2440MHz



2.4-2.4835GHz_BT-LE(2Mbps) **PSD**

2480MHz



Summary

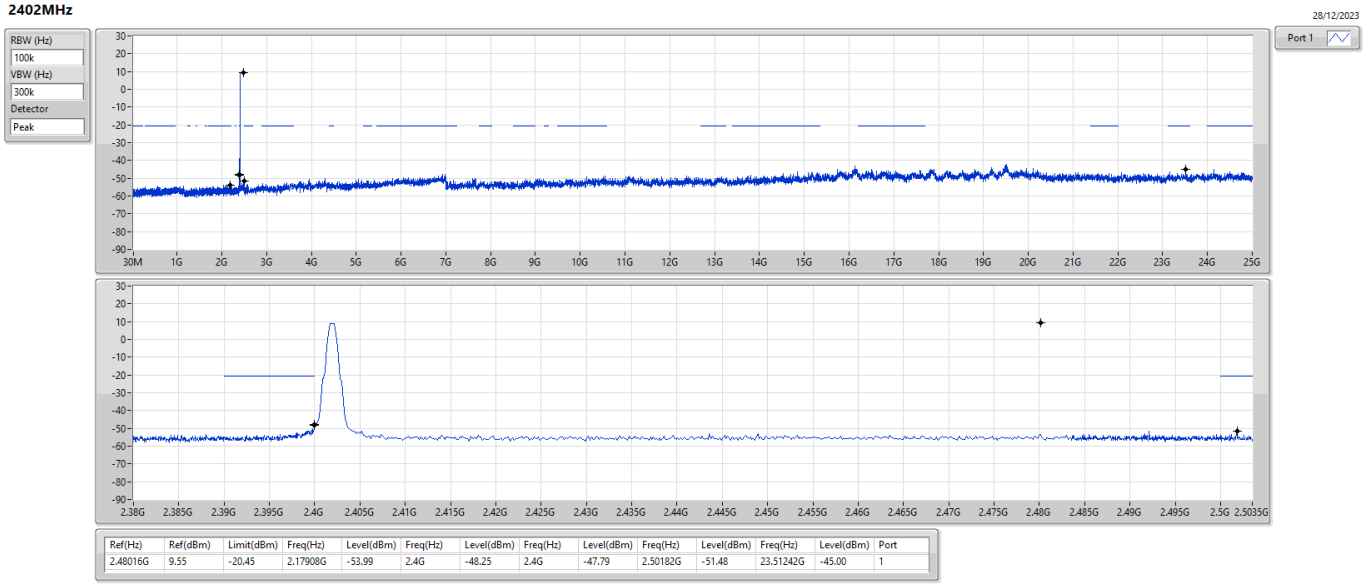
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	2.48016G	9.55	-20.45	2.17908G	-53.99	2.4G	-48.25	2.4G	-47.79	2.50182G	-51.48	23.51242G	-45.00	1
BT-LE(2Mbps)	Pass	2.47949G	9.52	-20.48	603.4M	-53.84	2.4G	-23.03	2.4G	-22.95	2.50118G	-54.05	16.45977G	-45.90	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
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.48016G	9.55	-20.45	2.17908G	-53.99	2.4G	-48.25	2.4G	-47.79	2.50182G	-51.48	23.51242G	-45.00	1
2440MHz	Pass	2.48016G	9.55	-20.45	2.14735G	-53.68	2.39324G	-53.66	2.4G	-57.27	2.50162G	-53.58	16.20949G	-45.72	1
2480MHz	Pass	2.48016G	9.55	-20.45	1.94055G	-53.47	2.3998G	-52.57	2.4G	-55.55	2.50122G	-53.90	17.47492G	-45.30	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.47949G	9.52	-20.48	603.4M	-53.84	2.4G	-23.03	2.4G	-22.95	2.50118G	-54.05	16.45977G	-45.90	1
2440MHz	Pass	2.47949G	9.52	-20.48	2.13443G	-54.44	2.39532G	-53.58	2.4G	-55.40	2.5021G	-53.98	16.44008G	-45.30	1
2480MHz	Pass	2.47949G	9.52	-20.48	890.1M	-54.44	2.39084G	-53.59	2.4G	-56.52	2.50066G	-53.59	16.44289G	-44.52	1

2.4-2.4835GHz_BT-LE(1Mbps) CSENdB-DTS

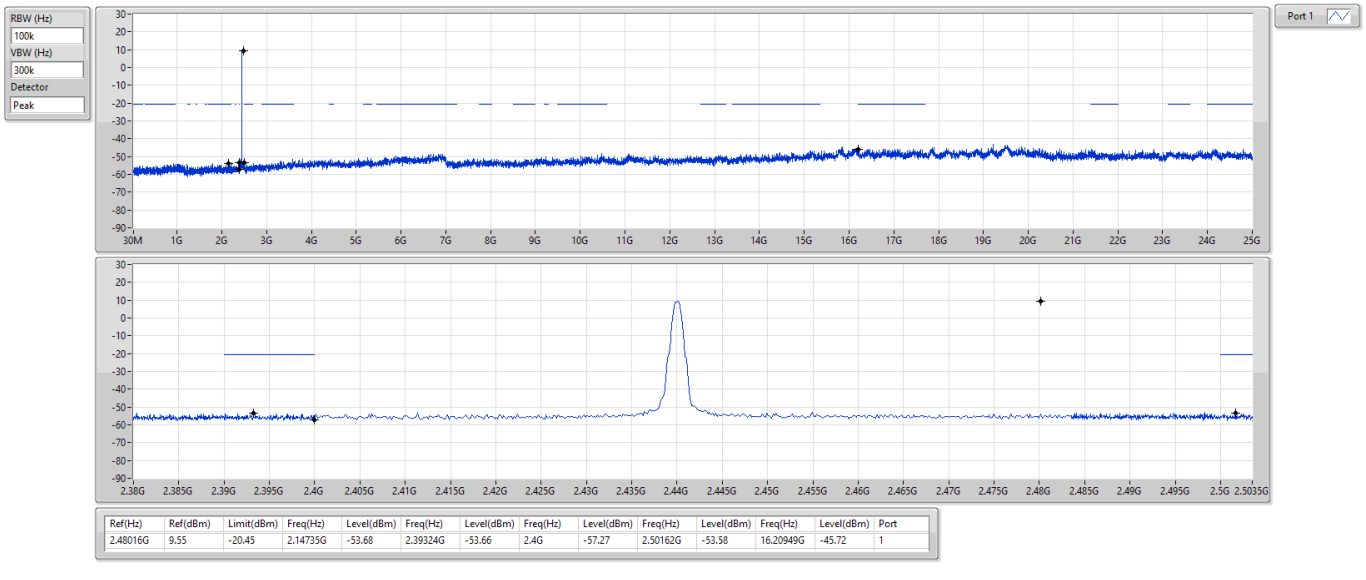
2402MHz



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
2.48016G	9.55	-20.45	2.17908G	-53.99	2.4G	-48.25	2.4G	-47.79	2.50182G	-51.48	23.51242G	-45.00	1

2.4-2.4835GHz_BT-LE(1Mbps) CSENdB-DTS

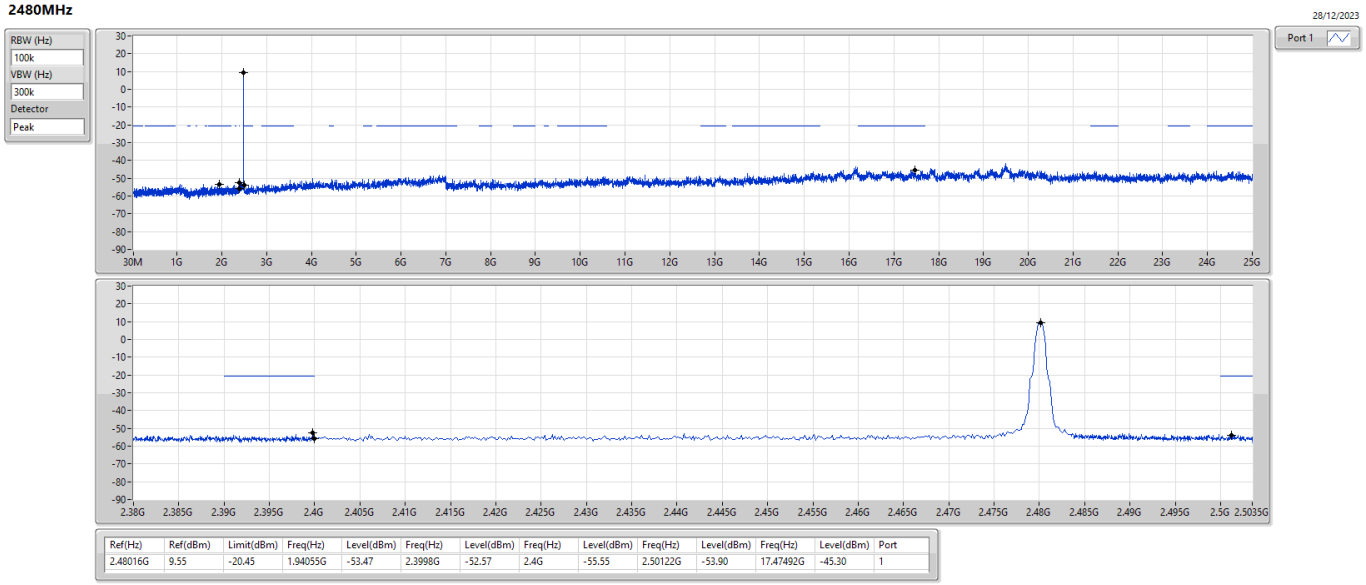
2440MHz



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
2.48016G	9.55	-20.45	2.14735G	-53.68	2.39324G	-53.66	2.4G	-57.27	2.50162G	-53.58	16.20949G	-45.72	1

2.4-2.4835GHz_BT-LE(1Mbps) CSENdB-DTS

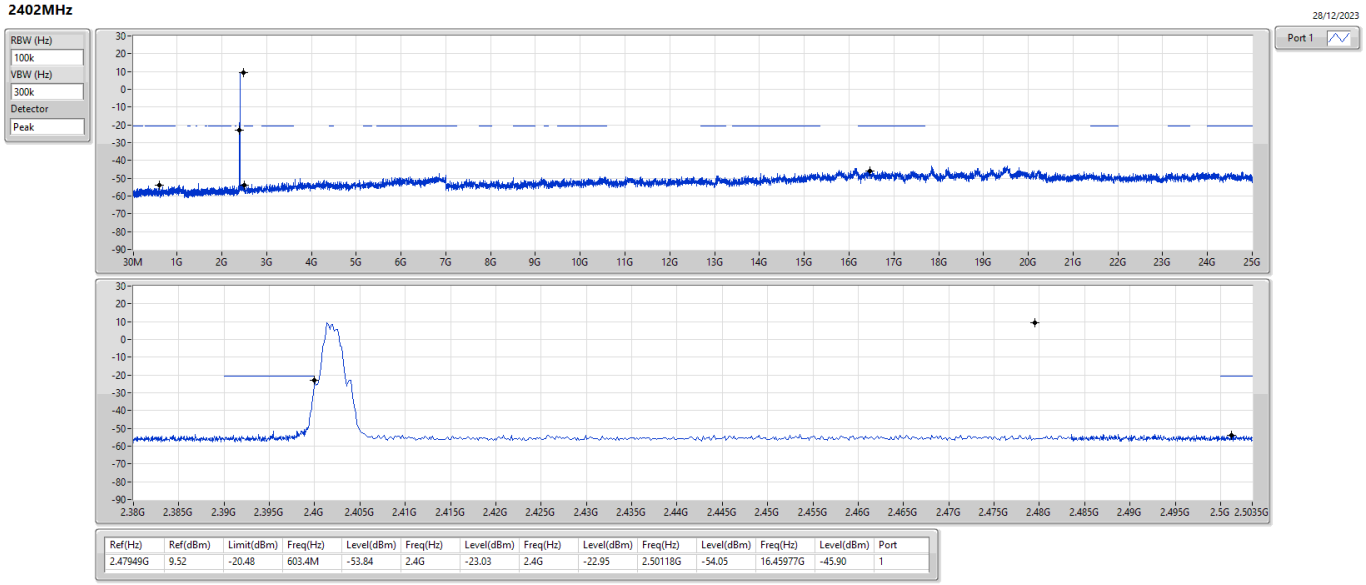
2480MHz



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
2.48016G	9.55	-20.45	1.94055G	-53.47	2.3998G	-52.57	2.4G	-55.55	2.50122G	-53.90	17.47492G	-45.30	1

2.4-2.4835GHz_BT-LE(2Mbps) CSENdB-DTS

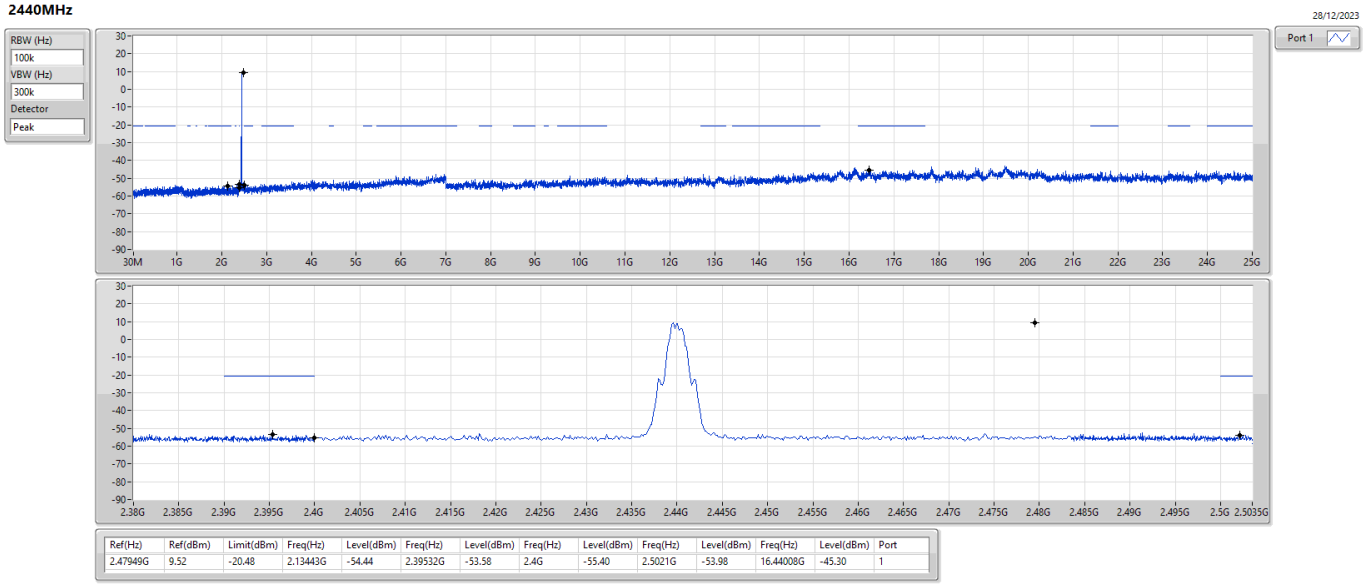
2402MHz



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
2.47949G	9.52	-20.48	603.4M	-53.84	2.4G	-23.03	2.4G	-22.95	2.50118G	-54.05	16.45977G	-45.90	1

2.4-2.4835GHz_BT-LE(2Mbps) CSENdB-DTS

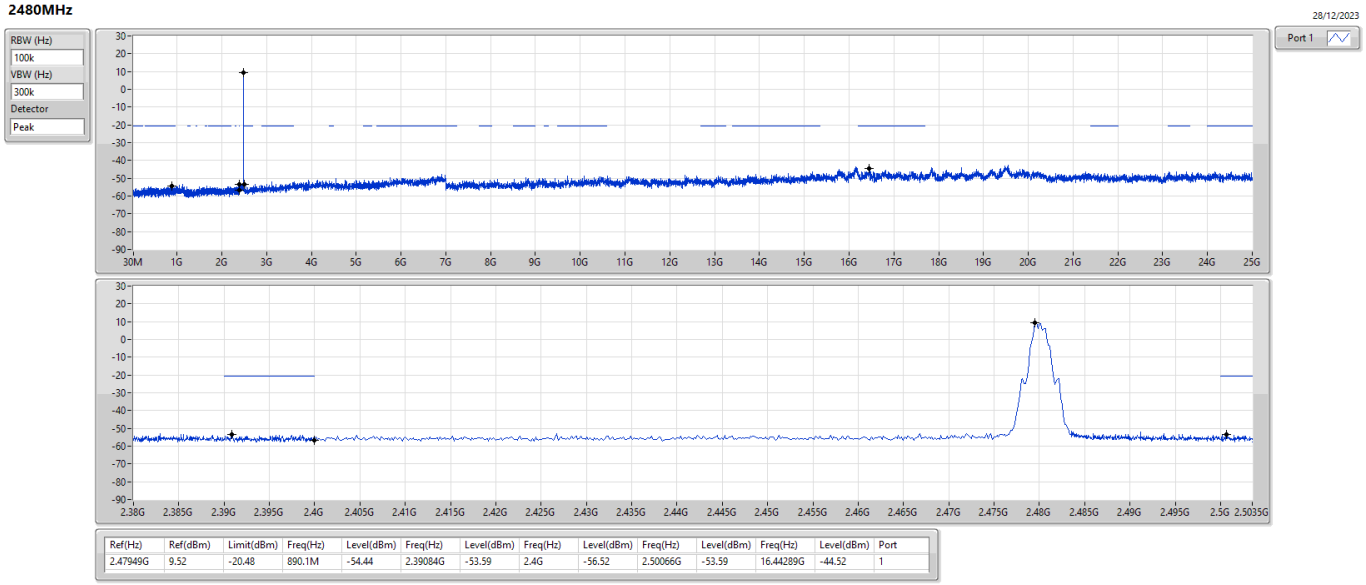
2440MHz



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
2.47949G	9.52	-20.48	2.13443G	-54.44	2.39532G	-53.58	2.4G	-55.40	2.5021G	-53.98	16.44008G	-45.30	1

2.4-2.4835GHz_BT-LE(2Mbps) CSENdB-DTS

2480MHz

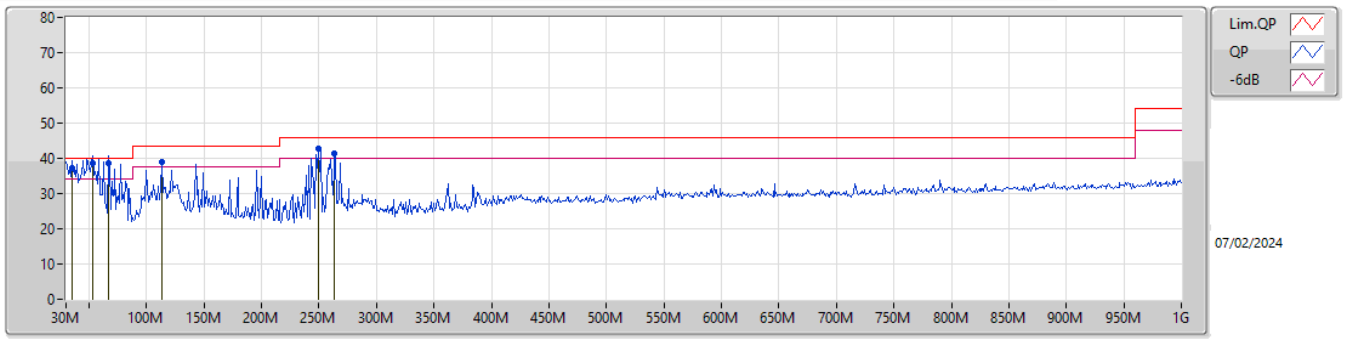


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47949G	9.52	-20.48	890.1M	-54.44	2.39084G	-53.59	2.4G	-56.52	2.50066G	-53.59	16.44289G	-44.52	1

Summary

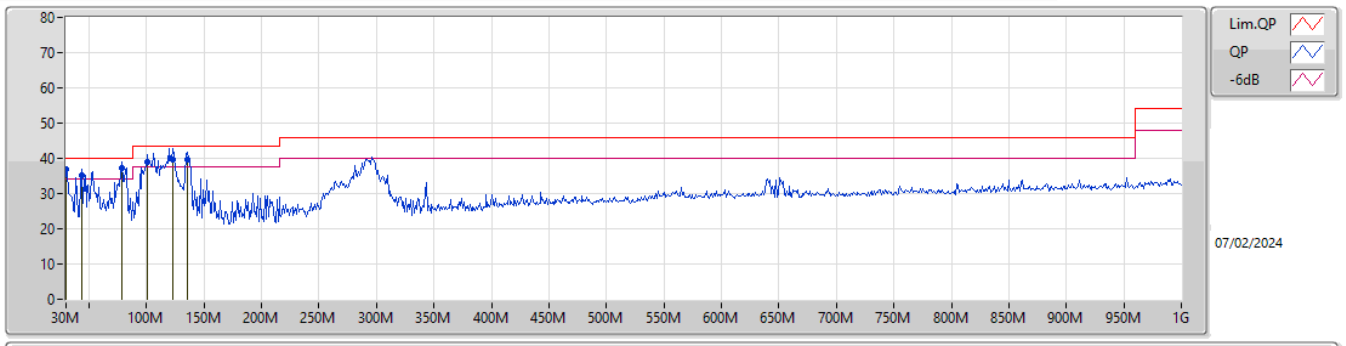
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	53.28M	38.62	40.00	-1.38	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	34.85M	37.26	40.00	-2.74	-22.26	3	Vertical	43	1.00	-	59.52	21.35	0.71	44.32
QP	53.28M	38.62	40.00	-1.38	-31.40	3	Vertical	253	1.25	"Worst"	70.02	12.36	0.86	44.62
QP	66.86M	38.57	40.00	-1.43	-32.32	3	Vertical	178	1.00	-	70.89	11.39	0.92	44.63
PK	113.42M	39.05	43.50	-4.45	-26.37	3	Vertical	150	1.25	-	65.42	17.04	1.21	44.62
PK	249.22M	42.62	46.00	-3.38	-25.27	3	Vertical	166	2.00	-	67.89	17.38	1.73	44.38
PK	263.77M	41.21	46.00	-4.79	-23.53	3	Vertical	166	2.00	-	64.74	19.02	1.80	44.35

Mode 2



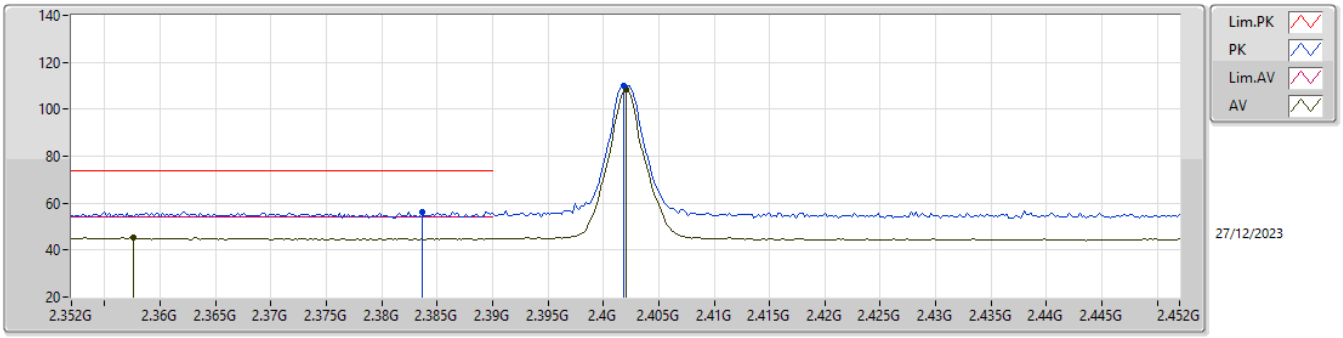
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	37.00	40.00	-3.00	-19.56	3	Horizontal	177	1.25	-	56.56	24.08	0.68	44.32
QP	43.58M	35.05	40.00	-4.95	-27.26	3	Horizontal	174	1.25	-	62.31	16.35	0.82	44.43
QP	78.5M	37.12	40.00	-2.88	-31.71	3	Horizontal	131	1.25	"Worst"	68.83	11.88	1.00	44.59
QP	100.81M	39.06	43.50	-4.44	-27.52	3	Horizontal	162	2.00	-	66.58	15.94	1.14	44.60
QP	123.12M	39.82	43.50	-3.68	-26.18	3	Horizontal	156	2.00	-	66.00	17.20	1.25	44.63
QP	135.73M	39.73	43.50	-3.77	-26.65	3	Horizontal	156	2.00	-	66.38	16.66	1.30	44.61

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	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	AV	2.4835G	52.90	54.00	-1.10	3	Vertical	330	2.14	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

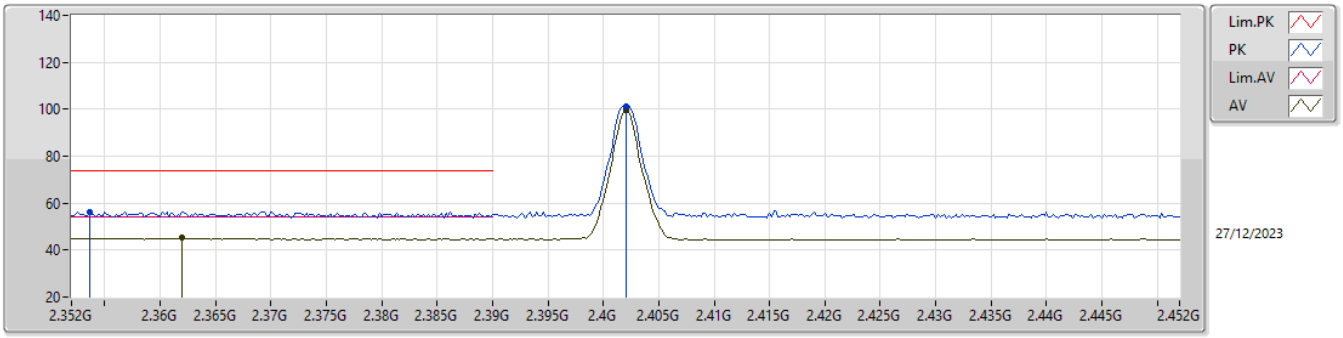


EUT Y_1TX
Setting 10
06-C-P-5

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	2.3836G	56.42	74.00	-17.58	24.02	3	Vertical	26.9	1.74	-	27.70	4.70	-
AV	2.3576G	45.15	54.00	-8.85	12.57	3	Vertical	26.9	1.74	-	27.90	4.68	-
PK	2.4018G	109.86	Inf	-Inf	77.46	3	Vertical	26.9	1.74	-	27.68	4.72	-
AV	2.402G	108.44	Inf	-Inf	76.04	3	Vertical	26.9	1.74	-	27.68	4.72	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

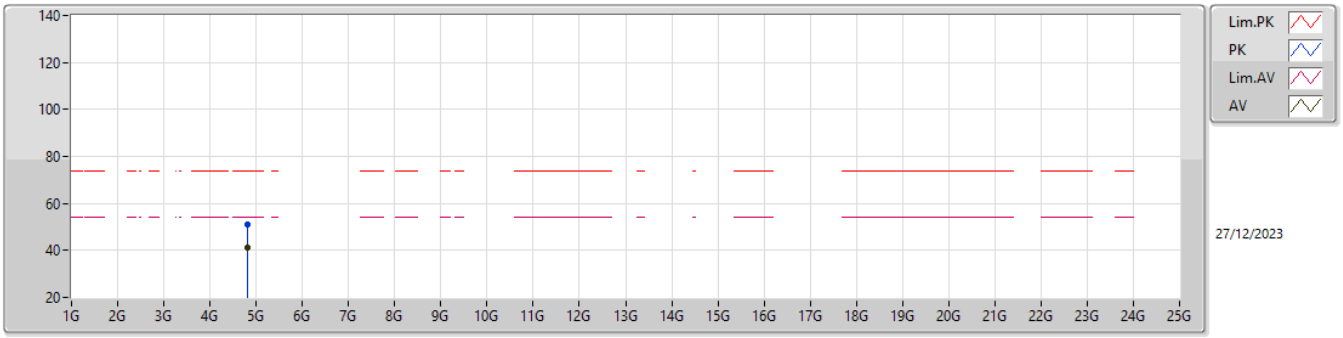


EUT Y_1TX
Setting 10
06-C-P-5

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	2.3536G	56.42	74.00	-17.58	23.85	3	Horizontal	122	1.41	-	27.90	4.67	-
AV	2.362G	45.22	54.00	-8.78	12.66	3	Horizontal	122	1.41	-	27.88	4.68	-
PK	2.402G	101.16	Inf	-Inf	68.76	3	Horizontal	122	1.41	-	27.68	4.72	-
AV	2.402G	99.68	Inf	-Inf	67.28	3	Horizontal	122	1.41	-	27.68	4.72	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

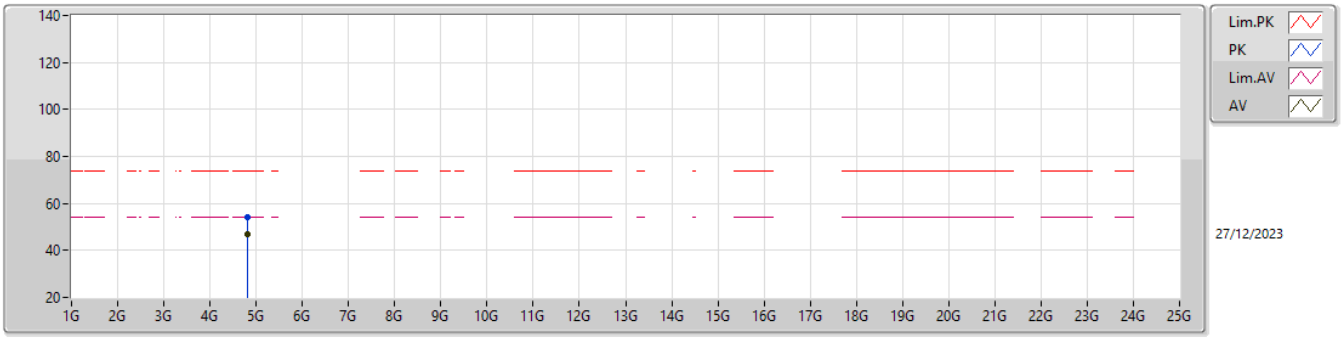


EUT Y_1TX
Setting 10
06-C-P-5

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	4.8045G	50.91	74.00	-23.09	43.44	3	Vertical	5	2.46	-	31.30	6.67	30.50
AV	4.80384G	41.16	54.00	-12.84	33.69	3	Vertical	5	2.46	-	31.30	6.67	30.50

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

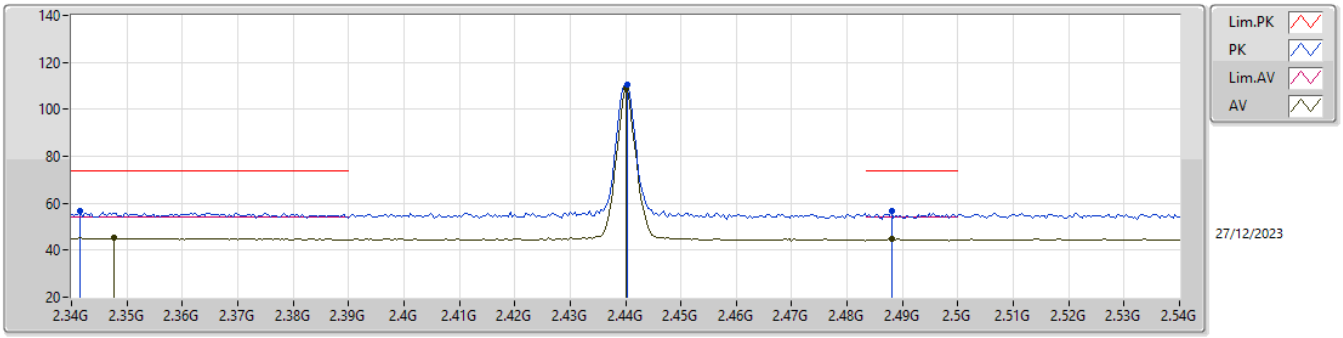


EUT Y_1TX
Setting 10
06-C-P-5

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	4.80347G	54.12	74.00	-19.88	46.65	3	Horizontal	237	2.79	-	31.30	6.67	30.50
AV	4.80409G	46.81	54.00	-7.19	39.34	3	Horizontal	237	2.79	-	31.30	6.67	30.50

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

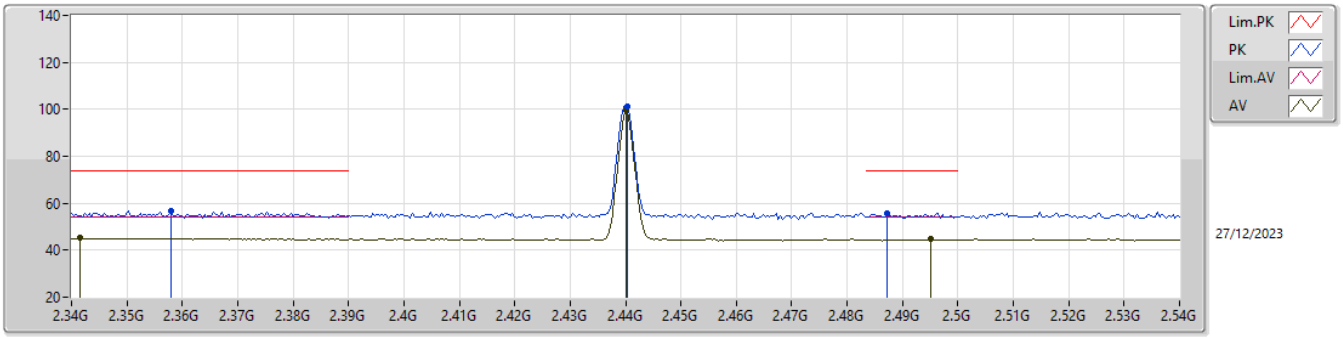


EUT Y_1TX
Setting 10
06-C-P-5

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	2.3416G	56.83	74.00	-17.17	24.27	3	Vertical	32	2.22	-	27.90	4.66	-
AV	2.3476G	45.11	54.00	-8.89	12.55	3	Vertical	32	2.22	-	27.90	4.66	-
PK	2.4404G	110.26	Inf	-Inf	78.00	3	Vertical	32	2.22	-	27.50	4.76	-
AV	2.44G	108.81	Inf	-Inf	76.55	3	Vertical	32	2.22	-	27.50	4.76	-
PK	2.488G	56.97	74.00	-17.03	24.77	3	Vertical	32	2.22	-	27.40	4.80	-
AV	2.488G	44.60	54.00	-9.40	12.40	3	Vertical	32	2.22	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

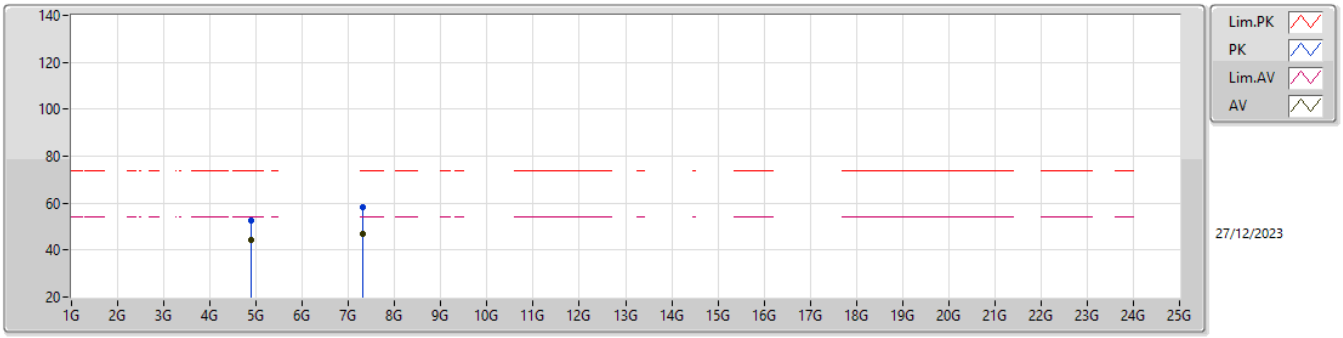


EUT Y_1TX
Setting 10
06-C-P-5

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	2.358G	56.68	74.00	-17.32	24.10	3	Horizontal	123	1.36	-	27.90	4.68	-
AV	2.3416G	45.15	54.00	-8.85	12.59	3	Horizontal	123	1.36	-	27.90	4.66	-
PK	2.4404G	101.02	Inf	-Inf	68.76	3	Horizontal	123	1.36	-	27.50	4.76	-
AV	2.44G	99.62	Inf	-Inf	67.36	3	Horizontal	123	1.36	-	27.50	4.76	-
PK	2.4872G	55.77	74.00	-18.23	23.57	3	Horizontal	123	1.36	-	27.40	4.80	-
AV	2.4952G	44.67	54.00	-9.33	12.46	3	Horizontal	123	1.36	-	27.40	4.81	-

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

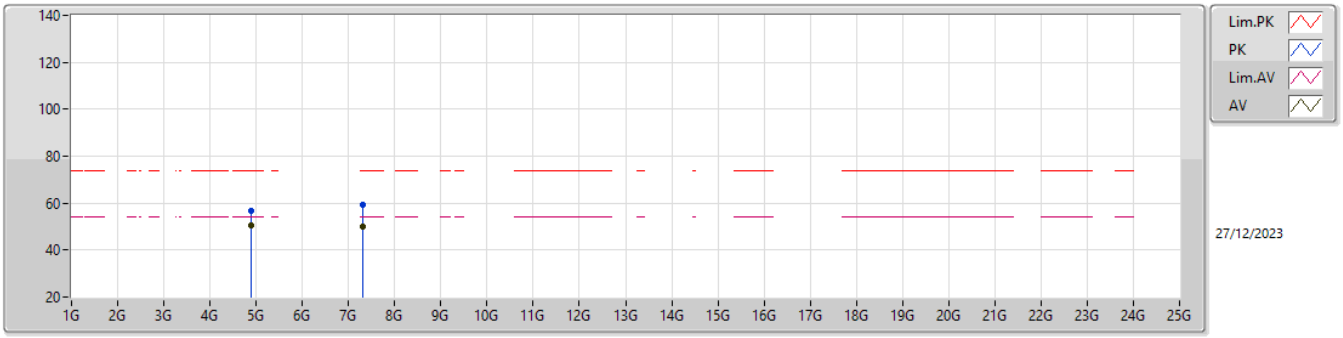


EUT Y_1TX
Setting 10
06-C-P-5

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	4.88028G	52.48	74.00	-21.52	44.88	3	Vertical	359.9	2.08	-	31.30	6.74	30.44
AV	4.87992G	44.42	54.00	-9.58	36.82	3	Vertical	359.9	2.08	-	31.30	6.74	30.44
PK	7.32011G	58.09	74.00	-15.91	44.53	3	Vertical	217	3.00	-	36.60	8.34	31.38
AV	7.31938G	46.91	54.00	-7.09	33.35	3	Vertical	217	3.00	-	36.60	8.34	31.38

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

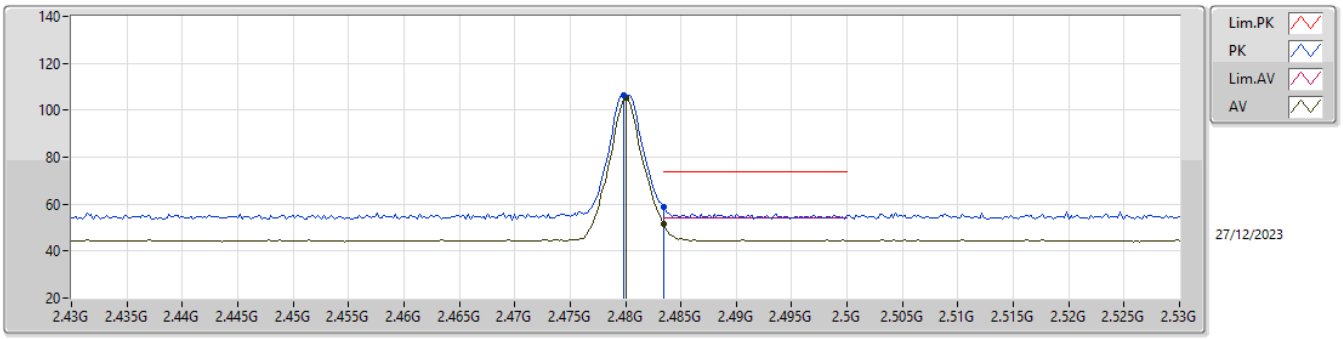


EUT Y_1TX
Setting 10
06-C-P-5

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	4.88038G	56.90	74.00	-17.10	49.30	3	Horizontal	234	1.95	-	31.30	6.74	30.44
AV	4.88004G	50.26	54.00	-3.74	42.66	3	Horizontal	234	1.95	-	31.30	6.74	30.44
PK	7.31938G	59.40	74.00	-14.60	45.84	3	Horizontal	243	1.85	-	36.60	8.34	31.38
AV	7.31946G	49.76	54.00	-4.24	36.20	3	Horizontal	243	1.85	-	36.60	8.34	31.38

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

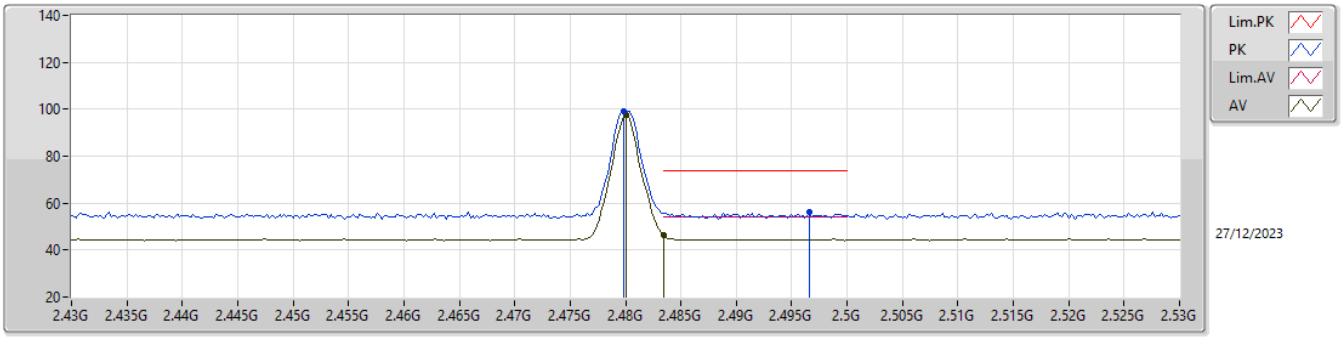


EUT Y_1TX
Setting 8
06-C-P-5

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	2.4798G	106.61	Inf	-Inf	74.42	3	Vertical	32	2.15	-	27.40	4.79	-
AV	2.48G	105.13	Inf	-Inf	72.94	3	Vertical	32	2.15	-	27.40	4.79	-
PK	2.4835G	58.68	74.00	-15.32	26.48	3	Vertical	32	2.15	-	27.40	4.80	-
AV	2.4835G	51.65	54.00	-2.35	19.45	3	Vertical	32	2.15	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

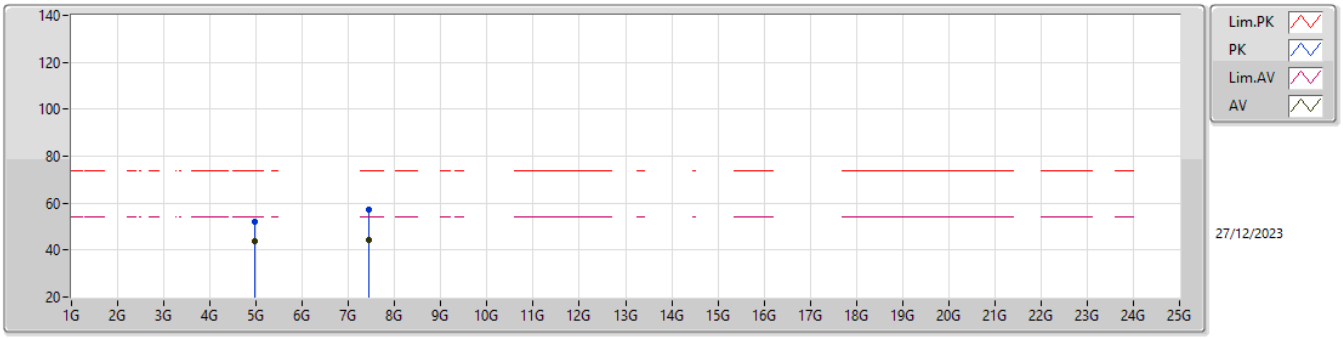


EUT Y_1TX
Setting 8
06-C-P-5

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	2.4798G	98.97	Inf	-Inf	66.78	3	Horizontal	253	2.56	-	27.40	4.79	-
AV	2.48G	97.56	Inf	-Inf	65.37	3	Horizontal	253	2.56	-	27.40	4.79	-
PK	2.4966G	56.00	74.00	-18.00	23.79	3	Horizontal	253	2.56	-	27.40	4.81	-
AV	2.4835G	46.28	54.00	-7.72	14.08	3	Horizontal	253	2.56	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

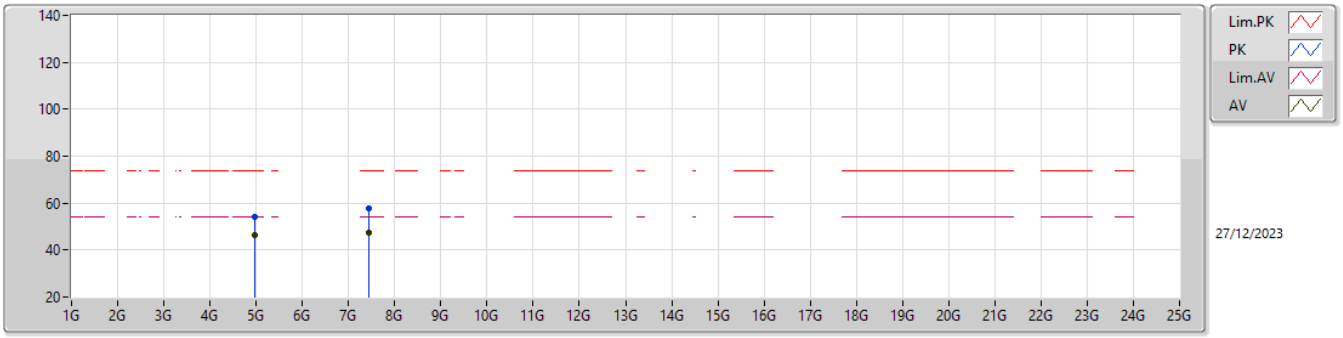


EUT Y_1TX
Setting 8
06-C-P-5

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	4.96027G	51.94	74.00	-22.06	43.95	3	Vertical	14	2.37	-	31.54	6.81	30.36
AV	4.96G	43.70	54.00	-10.30	35.72	3	Vertical	14	2.37	-	31.54	6.81	30.37
PK	7.44022G	57.32	74.00	-16.68	43.50	3	Vertical	206	2.48	-	36.68	8.38	31.24
AV	7.43947G	44.55	54.00	-9.45	30.73	3	Vertical	206	2.48	-	36.68	8.38	31.24

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

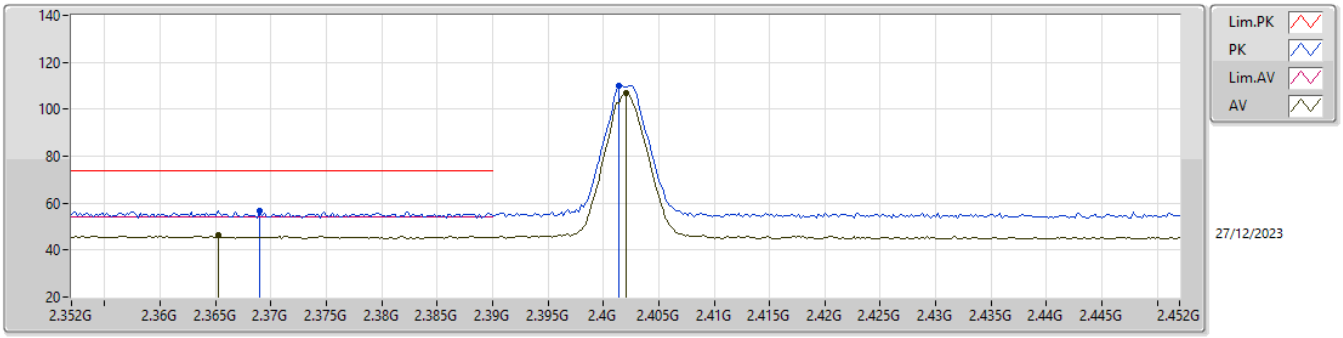


EUT Y_1TX
Setting 8
06-C-P-5

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	4.95963G	54.33	74.00	-19.67	46.35	3	Horizontal	233	1.86	-	31.54	6.81	30.37
AV	4.95994G	46.60	54.00	-7.40	38.62	3	Horizontal	233	1.86	-	31.54	6.81	30.37
PK	7.44058G	57.97	74.00	-16.03	44.15	3	Horizontal	225	2.90	-	36.68	8.38	31.24
AV	7.43938G	47.36	54.00	-6.64	33.54	3	Horizontal	225	2.90	-	36.68	8.38	31.24

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

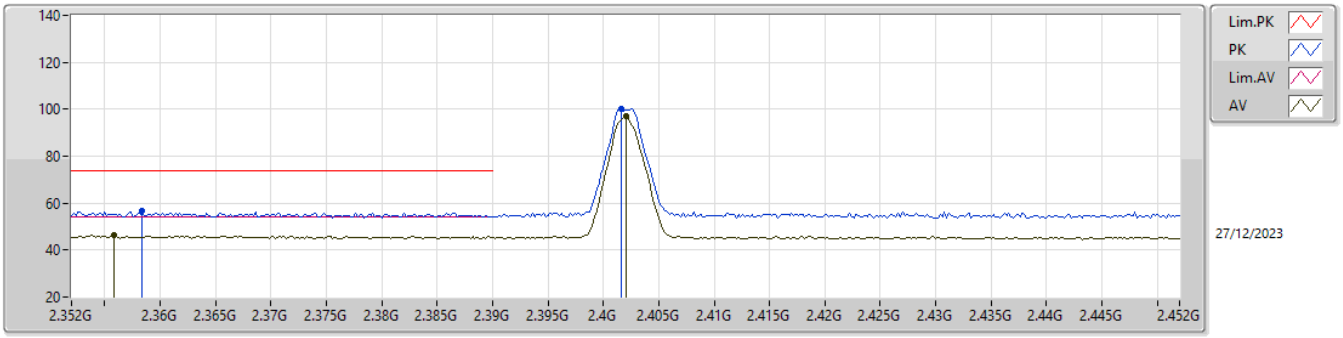


EUT Y_1TX
Setting 10
06-C-P-5

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	2.369G	56.84	74.00	-17.16	24.34	3	Vertical	29	1.73	-	27.81	4.69	-
AV	2.3652G	46.16	54.00	-7.84	13.63	3	Vertical	29	1.73	-	27.85	4.68	-
PK	2.4014G	109.95	Inf	-Inf	77.54	3	Vertical	29	1.73	-	27.69	4.72	-
AV	2.402G	106.96	Inf	-Inf	74.56	3	Vertical	29	1.73	-	27.68	4.72	-

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

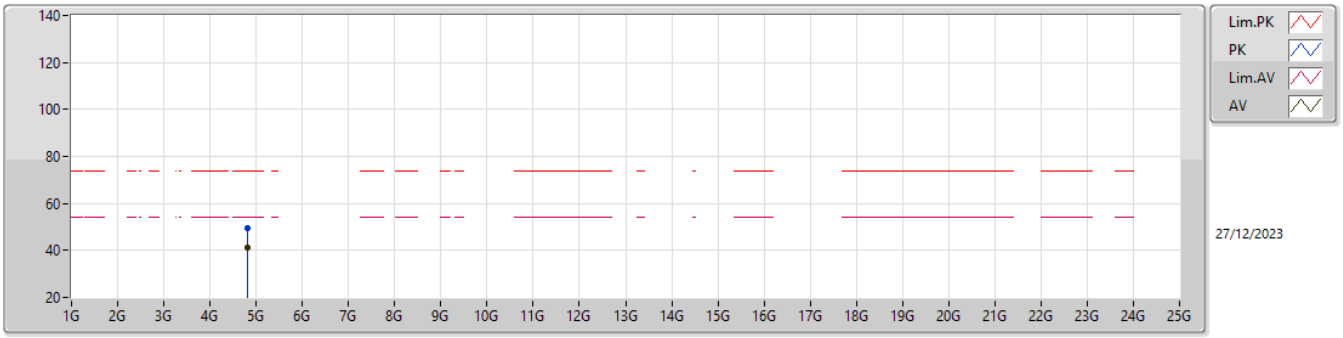


EUT Y_1TX
Setting 10
06-C-P-5

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	2.3584G	56.69	74.00	-17.31	24.11	3	Horizontal	124	1.29	-	27.90	4.68	-
AV	2.3558G	46.28	54.00	-7.72	13.71	3	Horizontal	124	1.29	-	27.90	4.67	-
PK	2.4016G	99.96	Inf	-Inf	67.56	3	Horizontal	124	1.29	-	27.68	4.72	-
AV	2.402G	97.05	Inf	-Inf	64.65	3	Horizontal	124	1.29	-	27.68	4.72	-

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

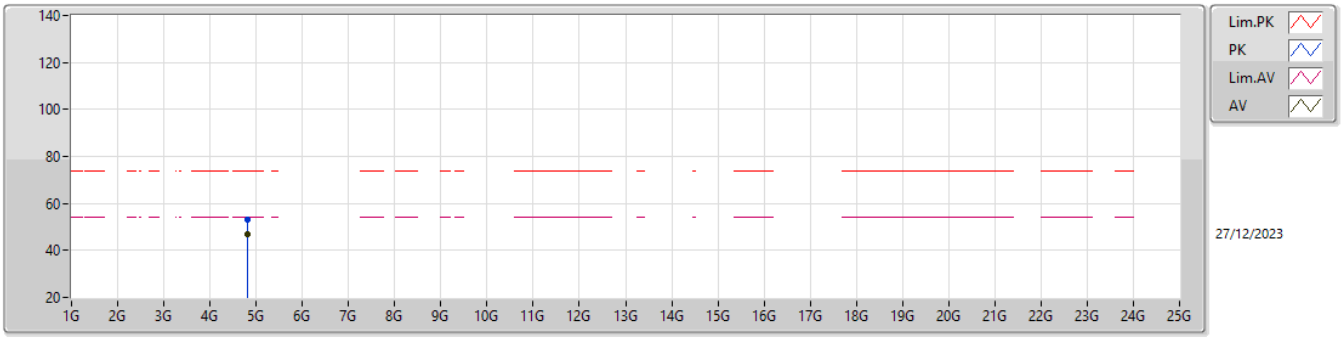


EUT Y_1TX
Setting 10
06-C-P-5

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	4.80298G	49.31	74.00	-24.69	41.84	3	Vertical	4	1.99	-	31.30	6.67	30.50
AV	4.803G	41.35	54.00	-12.65	33.88	3	Vertical	4	1.99	-	31.30	6.67	30.50

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

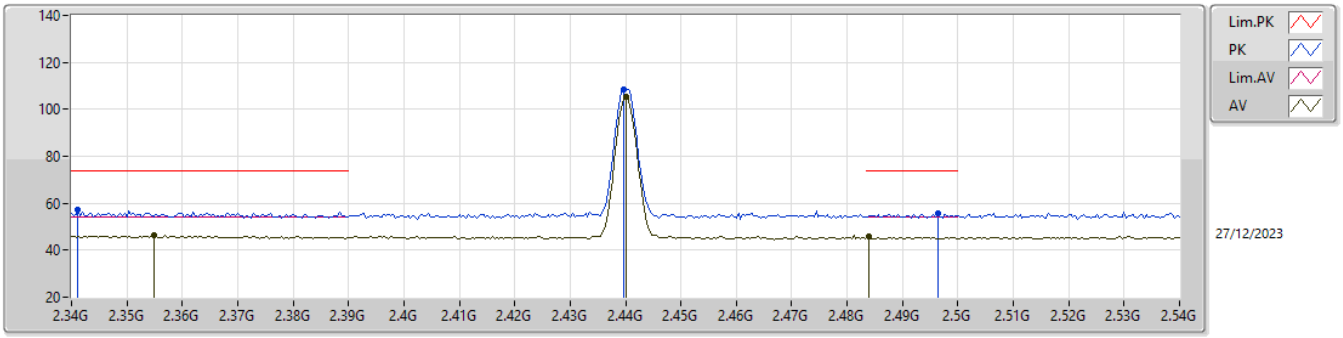


EUT Y_1TX
Setting 10
06-C-P-5

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	4.80502G	53.07	74.00	-20.93	45.60	3	Horizontal	234	1.80	-	31.30	6.67	30.50
AV	4.80304G	46.74	54.00	-7.26	39.27	3	Horizontal	234	1.80	-	31.30	6.67	30.50

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

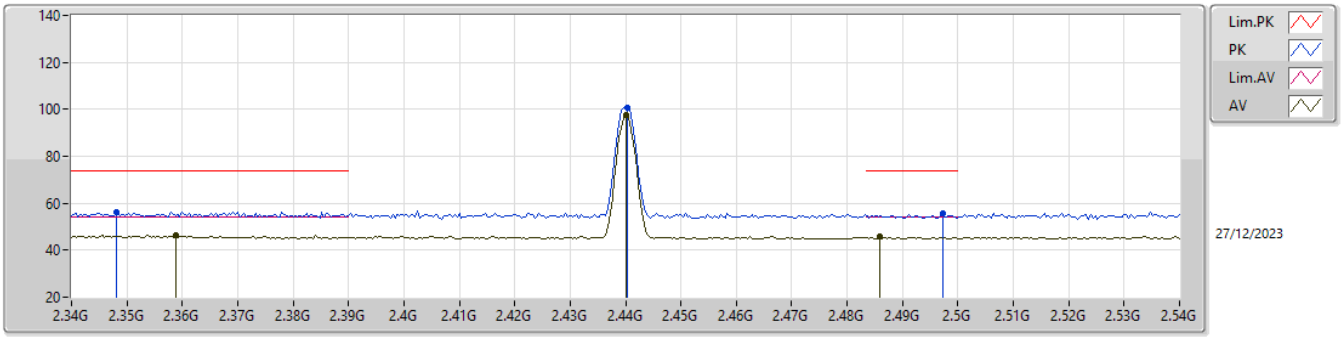


EUT Y_1TX
Setting 10
06-C-P-5

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	2.3412G	57.10	74.00	-16.90	24.54	3	Vertical	330	1.03	-	27.90	4.66	-
AV	2.3548G	46.19	54.00	-7.81	13.62	3	Vertical	330	1.03	-	27.90	4.67	-
PK	2.4396G	108.39	Inf	-Inf	76.13	3	Vertical	330	1.03	-	27.50	4.76	-
AV	2.44G	105.49	Inf	-Inf	73.23	3	Vertical	330	1.03	-	27.50	4.76	-
PK	2.4964G	55.93	74.00	-18.07	23.72	3	Vertical	330	1.03	-	27.40	4.81	-
AV	2.484G	45.63	54.00	-8.37	13.43	3	Vertical	330	1.03	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

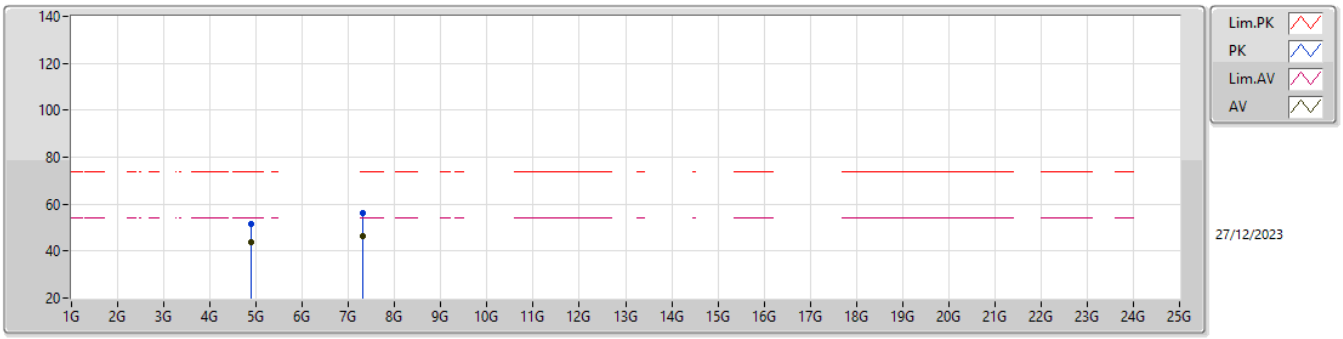


EUT Y_1TX
Setting 10
06-C-P-5

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	2.348G	56.36	74.00	-17.64	23.79	3	Horizontal	124.5	1.34	-	27.90	4.67	-
AV	2.3588G	46.47	54.00	-7.53	13.89	3	Horizontal	124.5	1.34	-	27.90	4.68	-
PK	2.4404G	100.81	Inf	-Inf	68.55	3	Horizontal	124.5	1.34	-	27.50	4.76	-
AV	2.44G	97.83	Inf	-Inf	65.57	3	Horizontal	124.5	1.34	-	27.50	4.76	-
PK	2.4972G	55.64	74.00	-18.36	23.43	3	Horizontal	124.5	1.34	-	27.40	4.81	-
AV	2.486G	45.65	54.00	-8.35	13.45	3	Horizontal	124.5	1.34	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

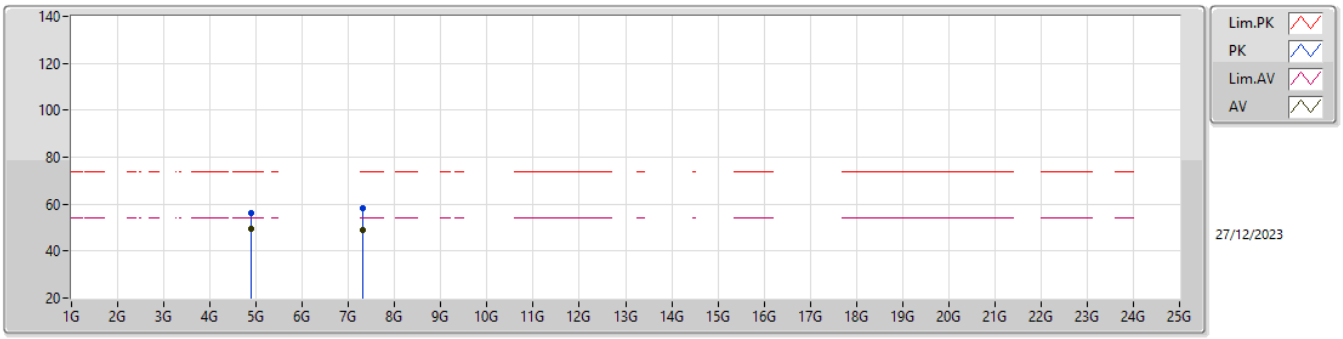


EUT Y_1TX
Setting 10
06-C-P-5

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	4.88102G	51.38	74.00	-22.62	43.77	3	Vertical	7	2.42	-	31.30	6.74	30.43
AV	4.87898G	43.93	54.00	-10.07	36.33	3	Vertical	7	2.42	-	31.30	6.74	30.44
PK	7.31852G	55.98	74.00	-18.02	42.42	3	Vertical	223	3.00	-	36.60	8.34	31.38
AV	7.31866G	46.48	54.00	-7.52	32.92	3	Vertical	223	3.00	-	36.60	8.34	31.38

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

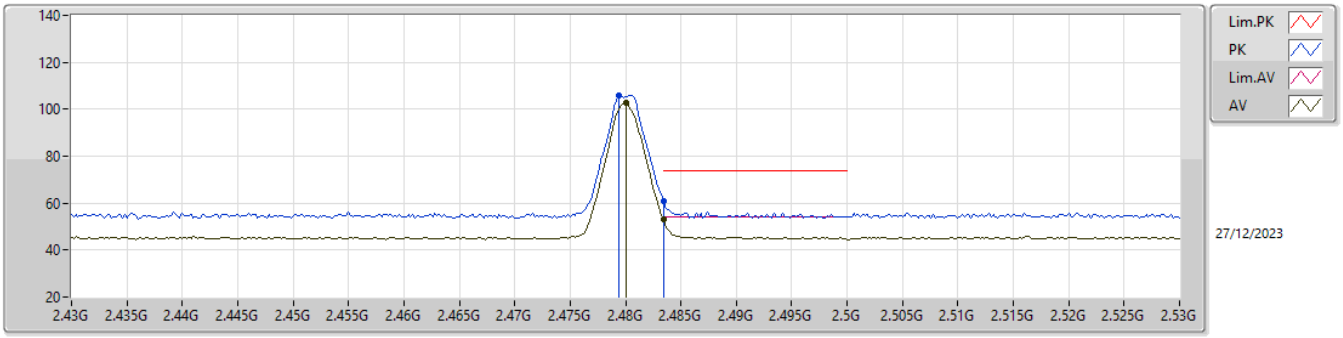


EUT Y_1TX
Setting 10
06-C-P-5

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	4.881G	56.25	74.00	-17.75	48.64	3	Horizontal	240	2.01	-	31.30	6.74	30.43
AV	4.87906G	49.58	54.00	-4.42	41.98	3	Horizontal	240	2.01	-	31.30	6.74	30.44
PK	7.3185G	58.52	74.00	-15.48	44.96	3	Horizontal	238	1.80	-	36.60	8.34	31.38
AV	7.3185G	48.95	54.00	-5.05	35.39	3	Horizontal	238	1.80	-	36.60	8.34	31.38

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

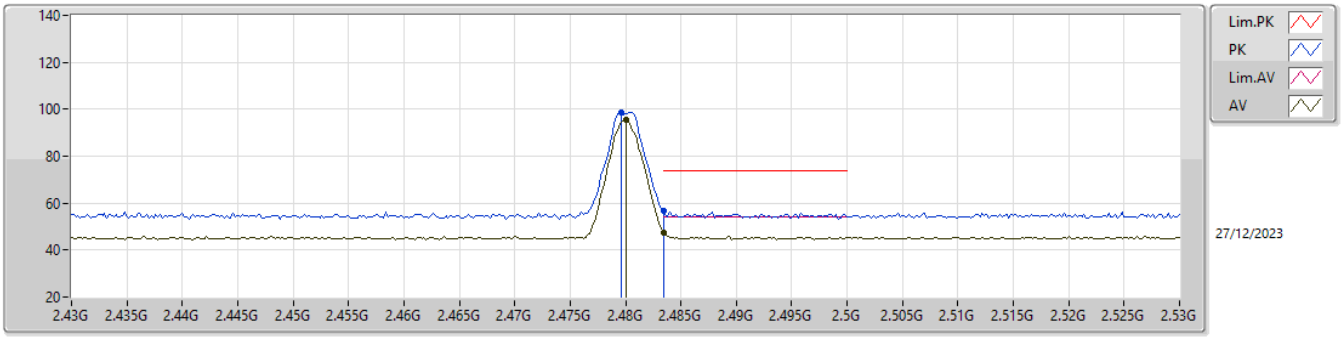


EUT Y_1TX
Setting 8
06-C-P-5

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	2.4794G	105.75	Inf	-Inf	73.56	3	Vertical	330	2.14	-	27.40	4.79	-
AV	2.48G	102.78	Inf	-Inf	70.59	3	Vertical	330	2.14	-	27.40	4.79	-
PK	2.4835G	60.61	74.00	-13.39	28.41	3	Vertical	330	2.14	-	27.40	4.80	-
AV	2.4835G	52.90	54.00	-1.10	20.70	3	Vertical	330	2.14	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

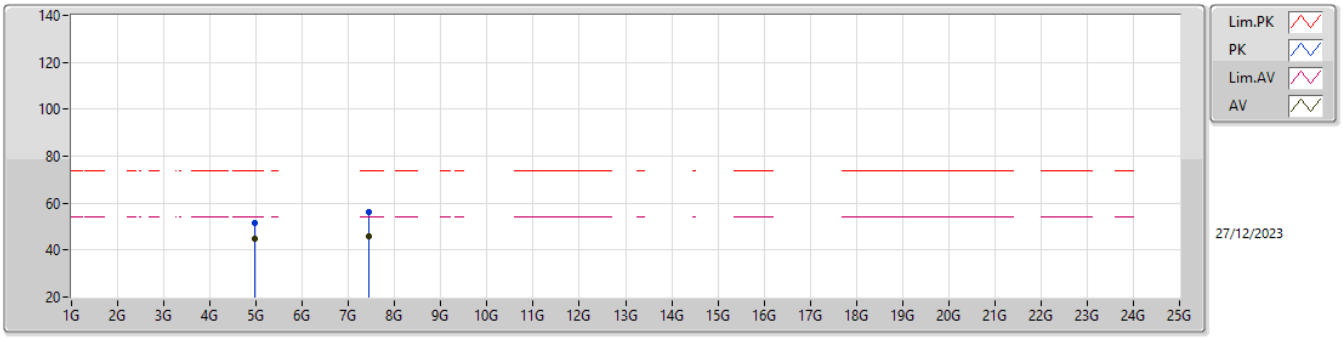


EUT Y_1TX
Setting 8
06-C-P-5

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	2.4796G	98.50	Inf	-Inf	66.31	3	Horizontal	254	2.59	-	27.40	4.79	-
AV	2.48G	95.61	Inf	-Inf	63.42	3	Horizontal	254	2.59	-	27.40	4.79	-
PK	2.4835G	56.48	74.00	-17.52	24.28	3	Horizontal	254	2.59	-	27.40	4.80	-
AV	2.4835G	47.64	54.00	-6.36	15.44	3	Horizontal	254	2.59	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

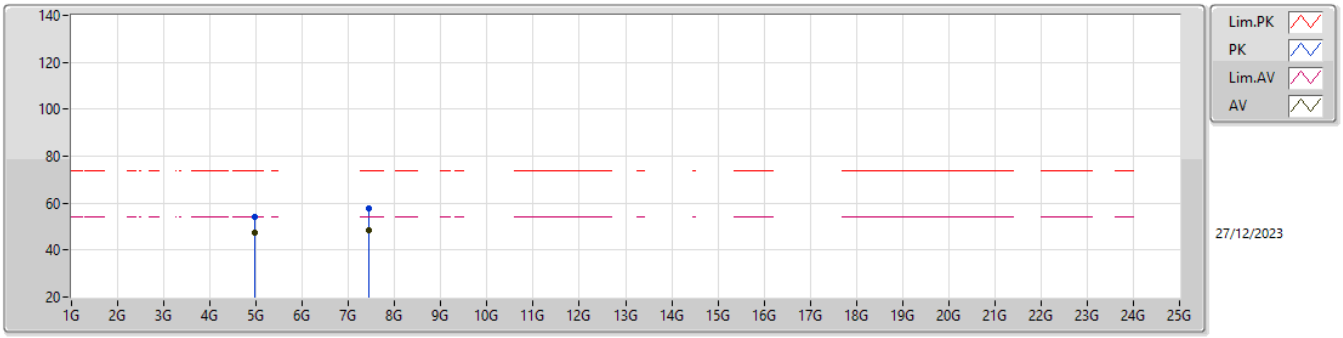


EUT Y_1TX
Setting 8
06-C-P-5

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	4.96099G	51.80	74.00	-22.20	43.81	3	Vertical	13	1.99	-	31.54	6.81	30.36
AV	4.95905G	44.76	54.00	-9.24	36.78	3	Vertical	13	1.99	-	31.54	6.81	30.37
PK	7.43902G	56.24	74.00	-17.76	42.42	3	Vertical	227	3.00	-	36.68	8.38	31.24
AV	7.43896G	45.73	54.00	-8.27	31.91	3	Vertical	227	3.00	-	36.68	8.38	31.24

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT Y_1TX
Setting 8
06-C-P-5

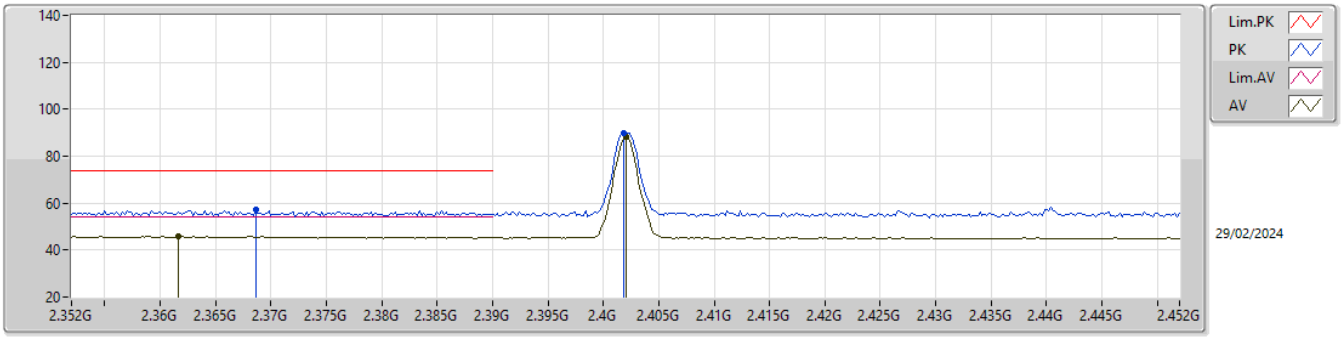
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.96109G	54.00	74.00	-20.00	46.01	3	Horizontal	234	1.80	-	31.54	6.81	30.36
AV	4.959G	47.42	54.00	-6.58	39.44	3	Horizontal	234	1.80	-	31.54	6.81	30.37
PK	7.43866G	57.53	74.00	-16.47	43.72	3	Horizontal	227	3.00	-	36.68	8.37	31.24
AV	7.4384G	48.30	54.00	-5.70	34.49	3	Horizontal	227	3.00	-	36.68	8.37	31.24

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	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	AV	4.95904G	48.53	54.00	-5.47	3	Horizontal	302	1.00	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

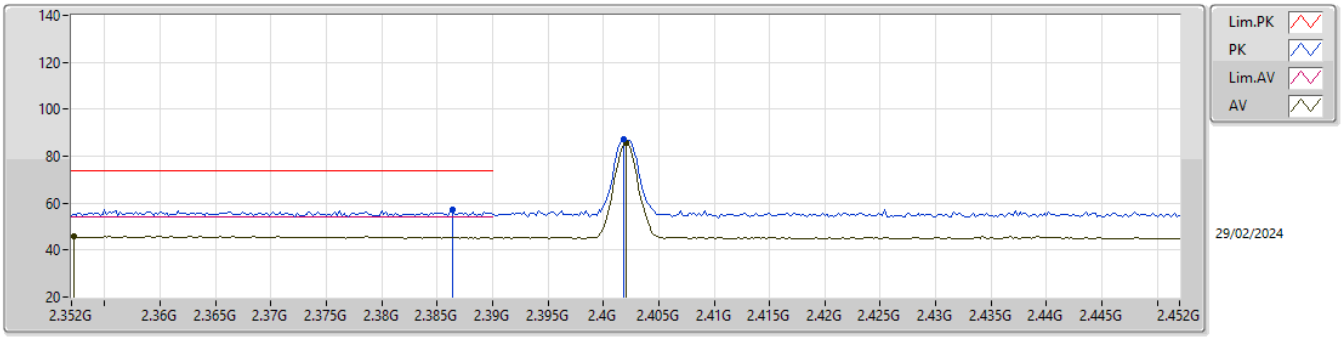


EUT Y_1TX
Setting 13
06-D-R-7

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	2.3686G	57.26	74.00	-16.74	24.76	3	Vertical	220	1.84	-	27.81	4.69	-
AV	2.3616G	45.88	54.00	-8.12	13.32	3	Vertical	220	1.84	-	27.88	4.68	-
PK	2.4018G	89.60	Inf	-Inf	57.20	3	Vertical	220	1.84	-	27.68	4.72	-
AV	2.402G	88.13	Inf	-Inf	55.73	3	Vertical	220	1.84	-	27.68	4.72	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

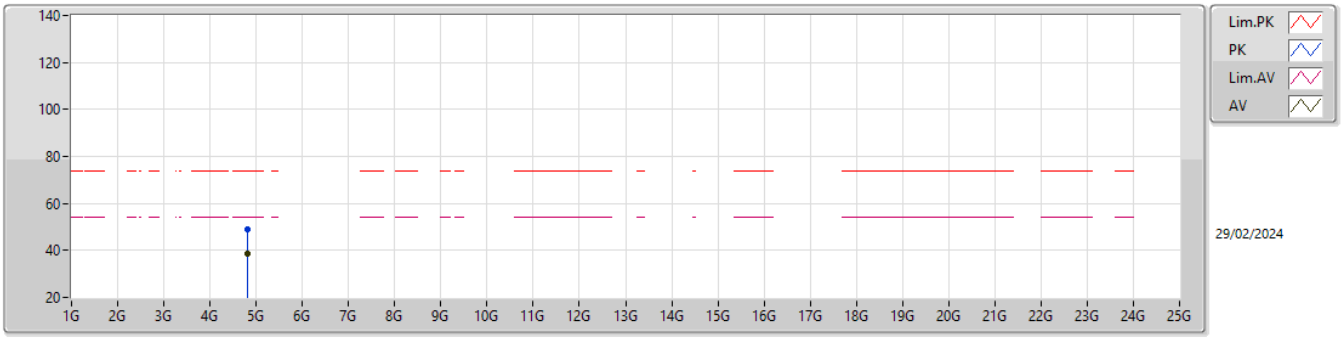


EUT Y_1TX
Setting 13
06-D-R-7

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	2.3864G	57.36	74.00	-16.64	24.95	3	Horizontal	27	3.00	-	27.70	4.71	-
AV	2.3522G	45.91	54.00	-8.09	13.34	3	Horizontal	27	3.00	-	27.90	4.67	-
PK	2.4018G	86.99	Inf	-Inf	54.59	3	Horizontal	27	3.00	-	27.68	4.72	-
AV	2.402G	85.49	Inf	-Inf	53.09	3	Horizontal	27	3.00	-	27.68	4.72	-

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

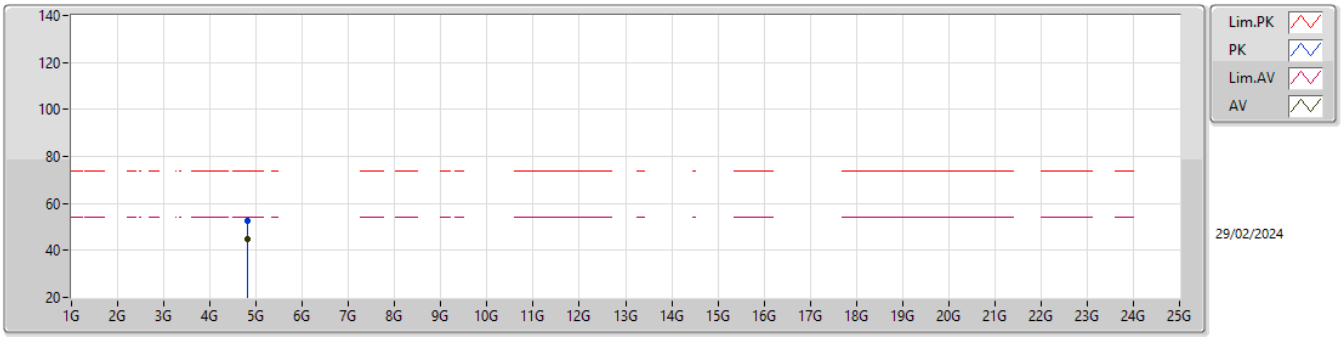


EUT Y_1TX
Setting 13
06-D-R-7

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	4.80456G	48.96	74.00	-25.04	42.41	3	Vertical	201	2.78	-	31.30	6.67	31.42
AV	4.80372G	38.48	54.00	-15.52	31.93	3	Vertical	201	2.78	-	31.30	6.67	31.42

2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX

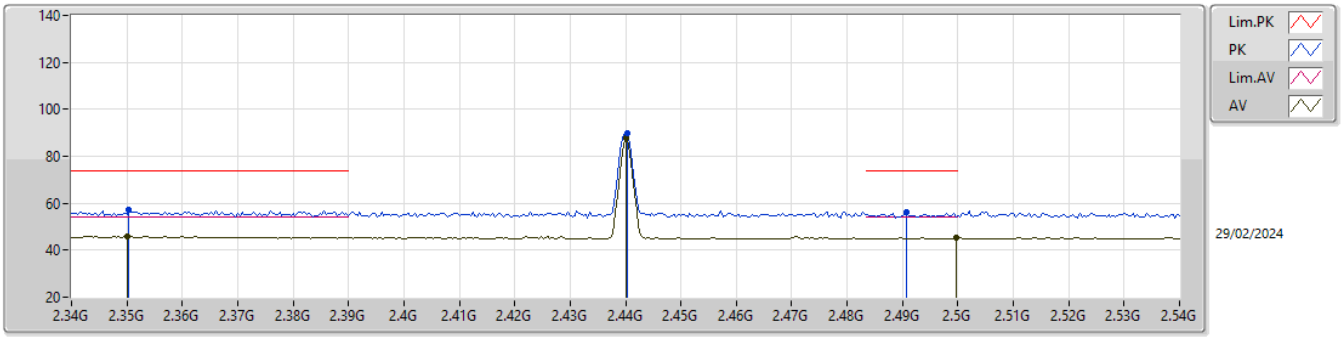


EUT Y_1TX
Setting 13
06-D-R-7

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	4.80356G	52.67	74.00	-21.33	46.12	3	Horizontal	292	1.01	-	31.30	6.67	31.42
AV	4.804G	45.08	54.00	-8.92	38.53	3	Horizontal	292	1.01	-	31.30	6.67	31.42

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

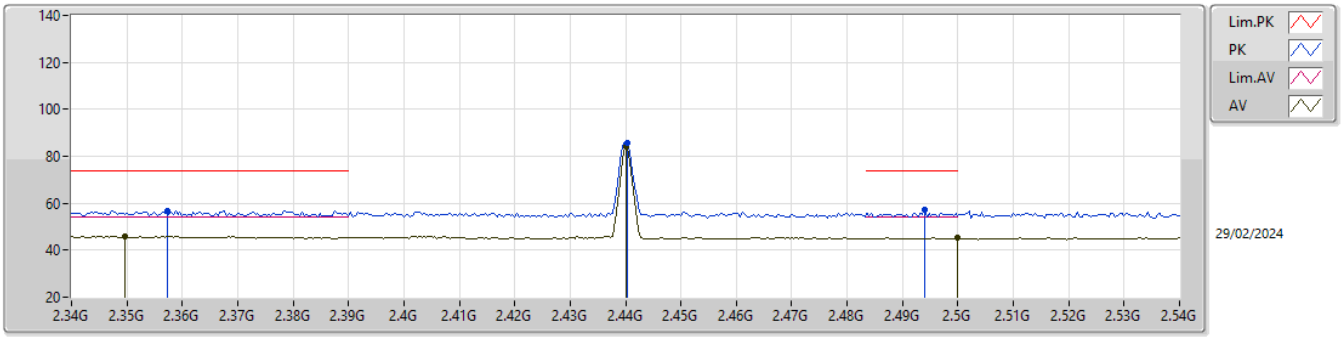


EUT Y_1TX
Setting 13
06-D-R-7

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	2.3504G	57.02	74.00	-16.98	24.45	3	Vertical	62	2.12	-	27.90	4.67	-
AV	2.35G	45.83	54.00	-8.17	13.26	3	Vertical	62	2.12	-	27.90	4.67	-
PK	2.4404G	89.60	Inf	-Inf	57.34	3	Vertical	62	2.12	-	27.50	4.76	-
AV	2.44G	87.82	Inf	-Inf	55.56	3	Vertical	62	2.12	-	27.50	4.76	-
PK	2.4908G	56.19	74.00	-17.81	23.99	3	Vertical	62	2.12	-	27.40	4.80	-
AV	2.4996G	45.18	54.00	-8.82	12.97	3	Vertical	62	2.12	-	27.40	4.81	-

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

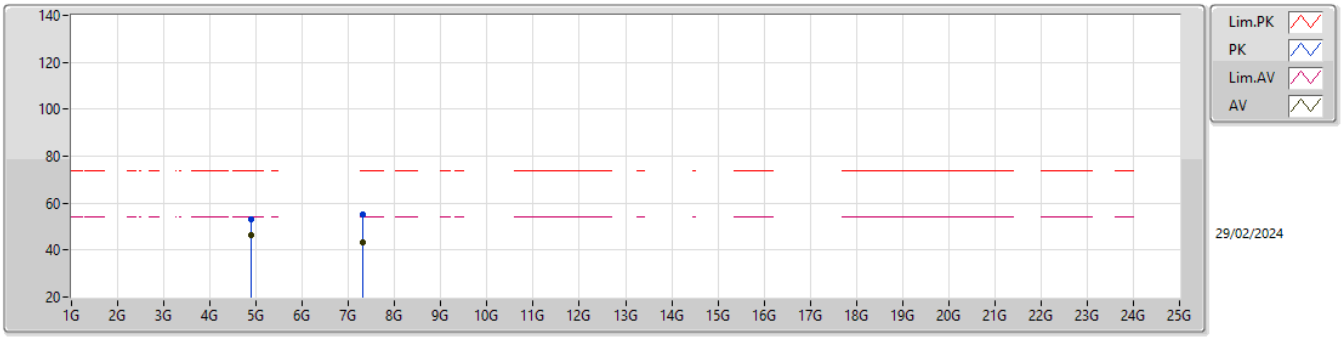


EUT Y_1TX
Setting 13
06-D-R-7

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	2.3572G	56.81	74.00	-17.19	24.23	3	Horizontal	40	1.00	-	27.90	4.68	-
AV	2.3496G	45.92	54.00	-8.08	13.35	3	Horizontal	40	1.00	-	27.90	4.67	-
PK	2.4404G	85.90	Inf	-Inf	53.64	3	Horizontal	40	1.00	-	27.50	4.76	-
AV	2.44G	84.13	Inf	-Inf	51.87	3	Horizontal	40	1.00	-	27.50	4.76	-
PK	2.494G	57.01	74.00	-16.99	24.81	3	Horizontal	40	1.00	-	27.40	4.80	-
AV	2.5G	45.13	54.00	-8.87	12.92	3	Horizontal	40	1.00	-	27.40	4.81	-

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

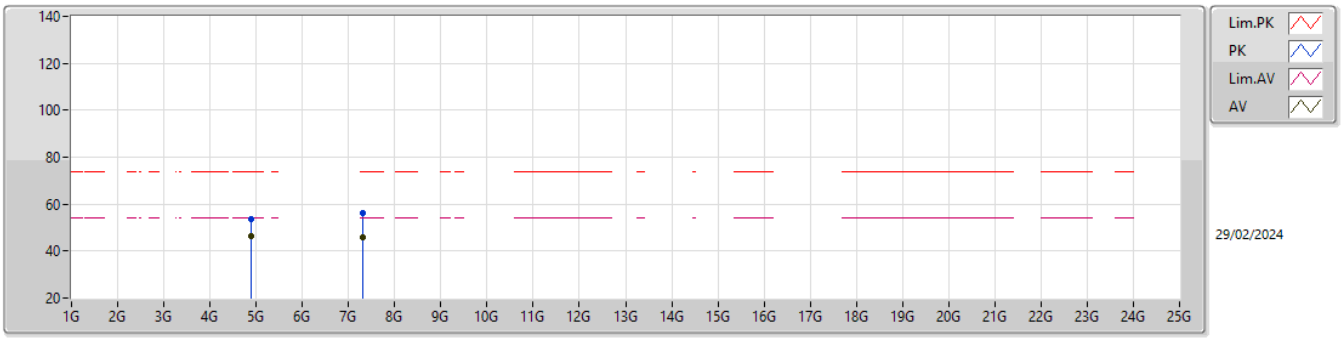


EUT Y_1TX
Setting 13
06-D-R-7

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	4.87944G	53.28	74.00	-20.72	46.60	3	Vertical	321	2.90	-	31.30	6.74	31.36
AV	4.88G	46.33	54.00	-7.67	39.65	3	Vertical	321	2.90	-	31.30	6.74	31.36
PK	7.3194G	55.06	74.00	-18.94	42.73	3	Vertical	342	2.41	-	36.60	8.34	32.61
AV	7.31948G	43.06	54.00	-10.94	30.73	3	Vertical	342	2.41	-	36.60	8.34	32.61

2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX

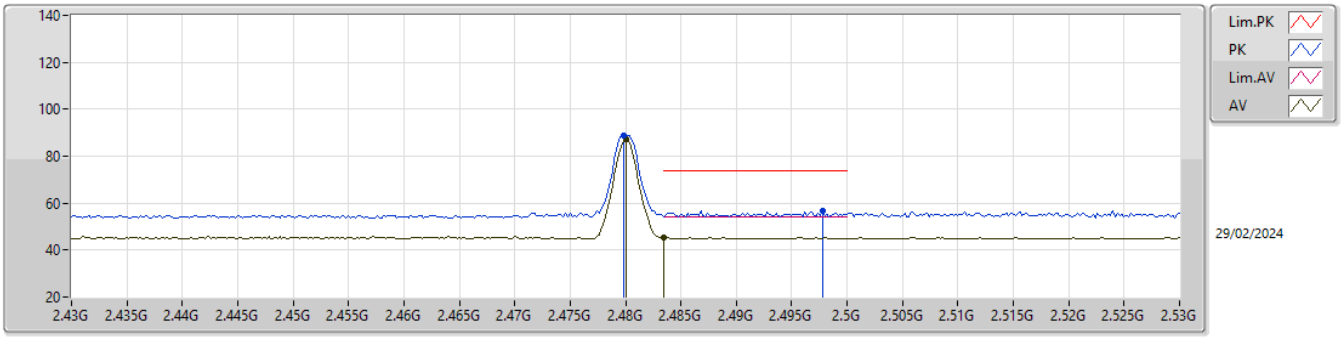


EUT Y_1TX
Setting 13
06-D-R-7

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	4.88048G	53.50	74.00	-20.50	46.82	3	Horizontal	300	3.00	-	31.30	6.74	31.36
AV	4.88004G	46.21	54.00	-7.79	39.53	3	Horizontal	300	3.00	-	31.30	6.74	31.36
PK	7.32068G	56.34	74.00	-17.66	44.02	3	Horizontal	309	1.04	-	36.60	8.34	32.62
AV	7.31936G	46.00	54.00	-8.00	33.67	3	Horizontal	309	1.04	-	36.60	8.34	32.61

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

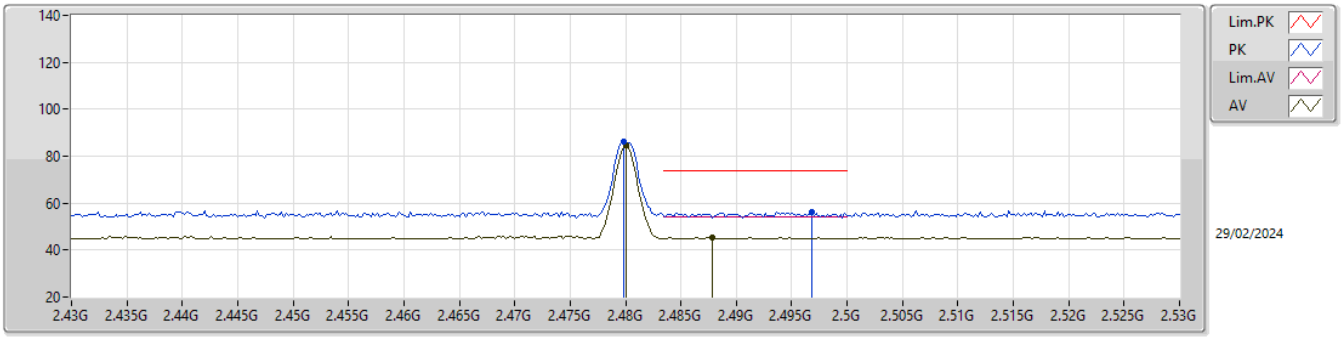


EUT Y_1TX
Setting 13
06-D-R-7

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	2.4798G	89.00	Inf	-Inf	56.81	3	Vertical	68	2.86	-	27.40	4.79	-
AV	2.48G	87.41	Inf	-Inf	55.22	3	Vertical	68	2.86	-	27.40	4.79	-
PK	2.4978G	56.82	74.00	-17.18	24.61	3	Vertical	68	2.86	-	27.40	4.81	-
AV	2.4835G	45.43	54.00	-8.57	13.23	3	Vertical	68	2.86	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

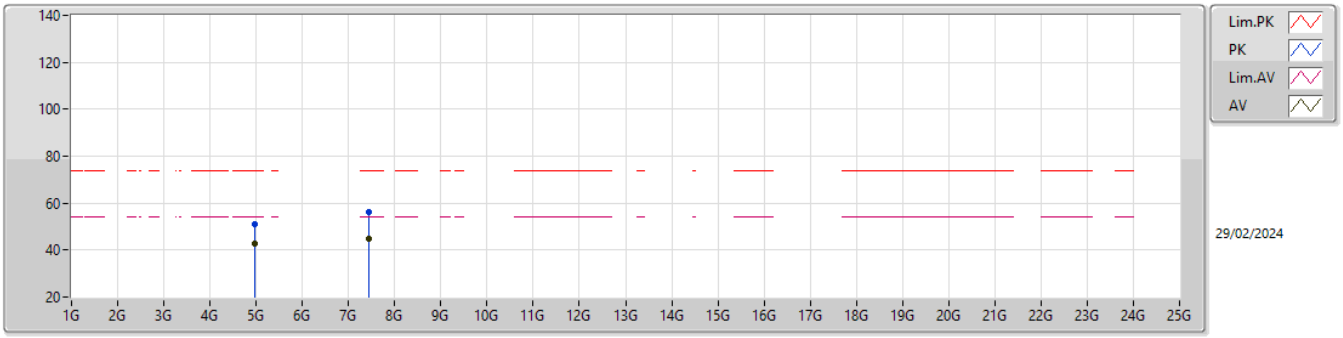


EUT Y_1TX
Setting 13
06-D-R-7

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	2.4798G	85.96	Inf	-Inf	53.77	3	Horizontal	8	2.84	-	27.40	4.79	-
AV	2.48G	84.42	Inf	-Inf	52.23	3	Horizontal	8	2.84	-	27.40	4.79	-
PK	2.4968G	56.24	74.00	-17.76	24.03	3	Horizontal	8	2.84	-	27.40	4.81	-
AV	2.4878G	45.39	54.00	-8.61	13.19	3	Horizontal	8	2.84	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

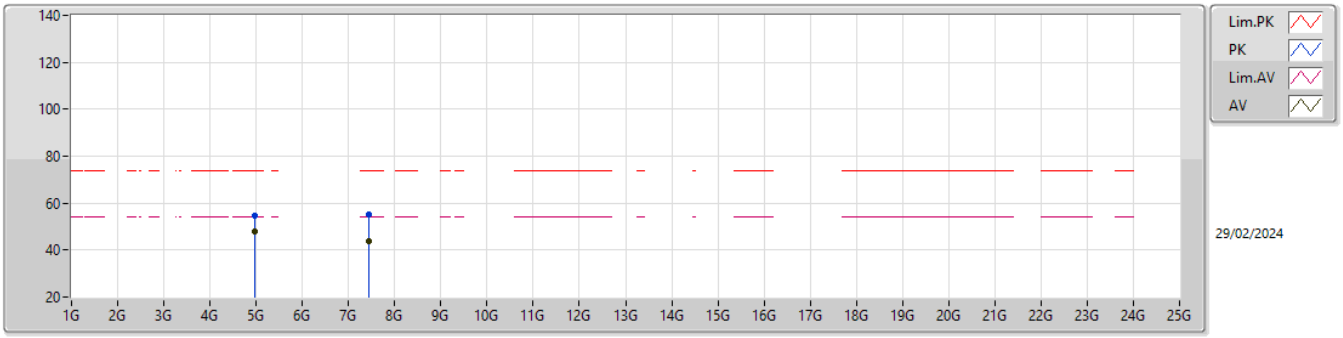


EUT Y_1TX
Setting 13
06-D-R-7

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	4.95956G	51.03	74.00	-22.97	43.99	3	Vertical	196	1.28	-	31.54	6.81	31.31
AV	4.95992G	42.90	54.00	-11.10	35.86	3	Vertical	196	1.28	-	31.54	6.81	31.31
PK	7.43908G	56.02	74.00	-17.98	43.74	3	Vertical	347	2.92	-	36.68	8.38	32.78
AV	7.4394G	44.59	54.00	-9.41	32.31	3	Vertical	347	2.92	-	36.68	8.38	32.78

2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX

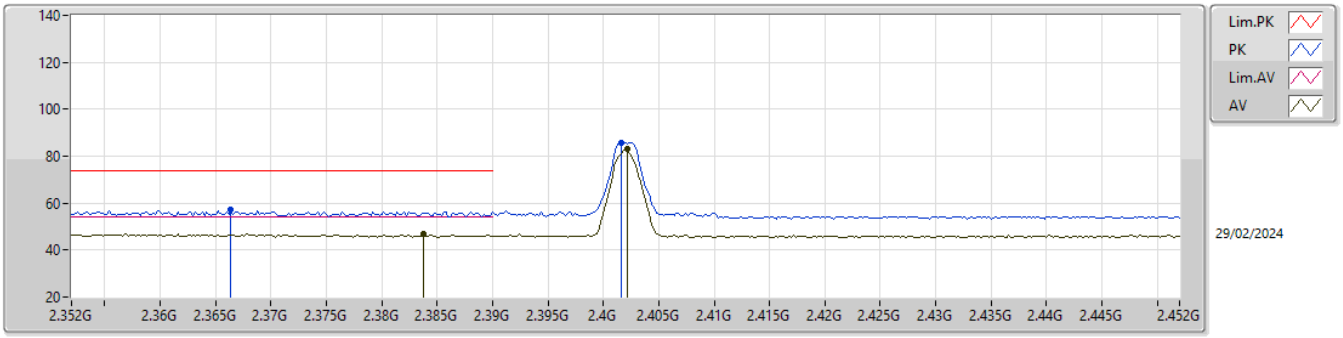


EUT Y_1TX
Setting 13
06-D-R-7

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	4.95956G	54.41	74.00	-19.59	47.37	3	Horizontal	311	2.95	-	31.54	6.81	31.31
AV	4.95996G	47.99	54.00	-6.01	40.95	3	Horizontal	311	2.95	-	31.54	6.81	31.31
PK	7.43928G	55.13	74.00	-18.87	42.85	3	Horizontal	324	2.36	-	36.68	8.38	32.78
AV	7.44056G	43.94	54.00	-10.06	31.67	3	Horizontal	324	2.36	-	36.68	8.38	32.79

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

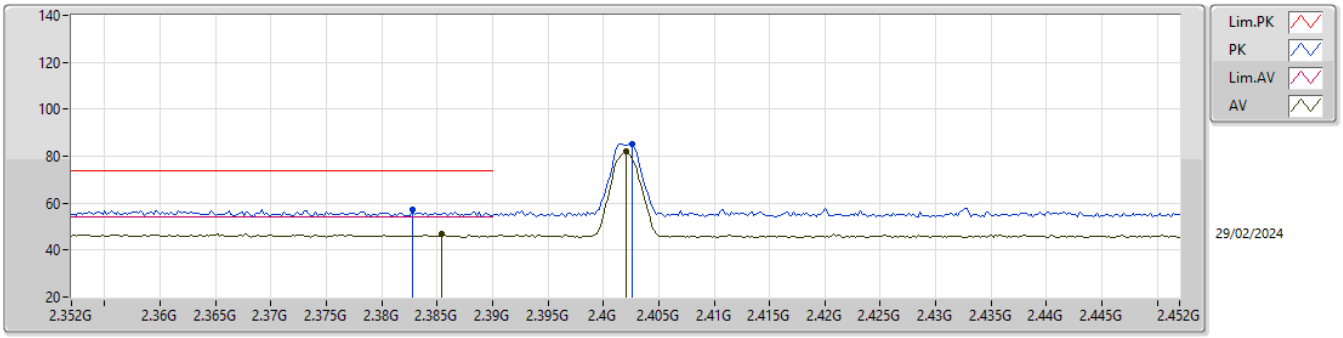


EUT Y_1TX
Setting 13
06-D-R-7

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	2.3664G	57.10	74.00	-16.90	24.58	3	Vertical	0	1.80	-	27.84	4.68	-
AV	2.3838G	46.85	54.00	-7.15	14.45	3	Vertical	0	1.80	-	27.70	4.70	-
PK	2.4016G	85.87	Inf	-Inf	53.47	3	Vertical	0	1.80	-	27.68	4.72	-
AV	2.4022G	82.85	Inf	-Inf	50.45	3	Vertical	0	1.80	-	27.68	4.72	-

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

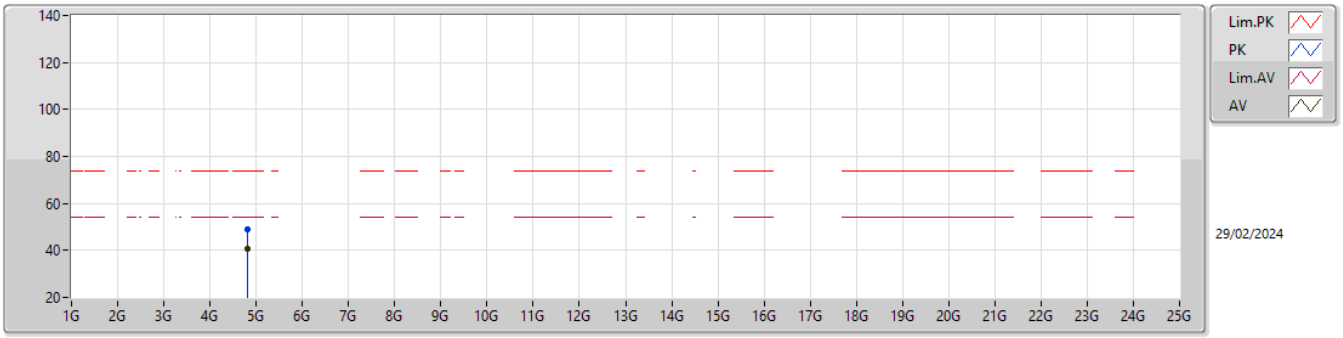


EUT Y_1TX
Setting 13
06-D-R-7

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	2.3828G	57.09	74.00	-16.91	24.69	3	Horizontal	333	2.69	-	27.70	4.70	-
AV	2.3854G	46.76	54.00	-7.24	14.36	3	Horizontal	333	2.69	-	27.70	4.70	-
PK	2.4026G	85.10	Inf	-Inf	52.71	3	Horizontal	333	2.69	-	27.67	4.72	-
AV	2.402G	81.92	Inf	-Inf	49.52	3	Horizontal	333	2.69	-	27.68	4.72	-

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

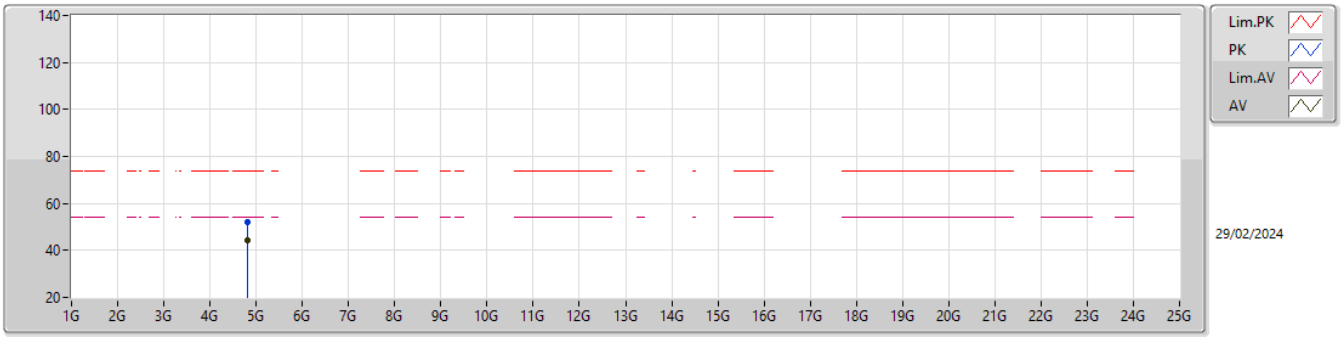


EUT Y_1TX
Setting 13
06-D-R-7

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	4.8049G	49.01	74.00	-24.99	42.46	3	Vertical	216	1.00	-	31.30	6.67	31.42
AV	4.80298G	40.88	54.00	-13.12	34.33	3	Vertical	216	1.00	-	31.30	6.67	31.42

2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX

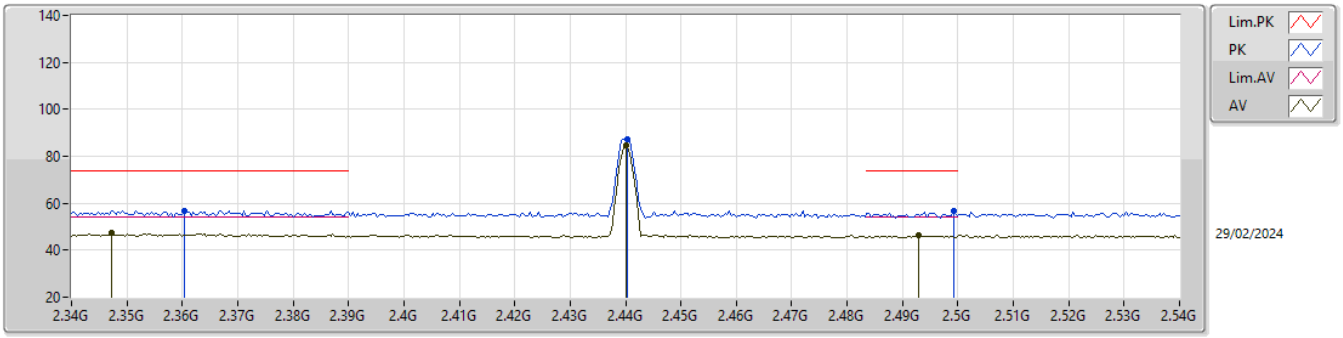


EUT Y_1TX
Setting 13
06-D-R-7

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	4.80508G	51.83	74.00	-22.17	45.28	3	Horizontal	296	2.95	-	31.30	6.67	31.42
AV	4.80298G	44.42	54.00	-9.58	37.87	3	Horizontal	296	2.95	-	31.30	6.67	31.42

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

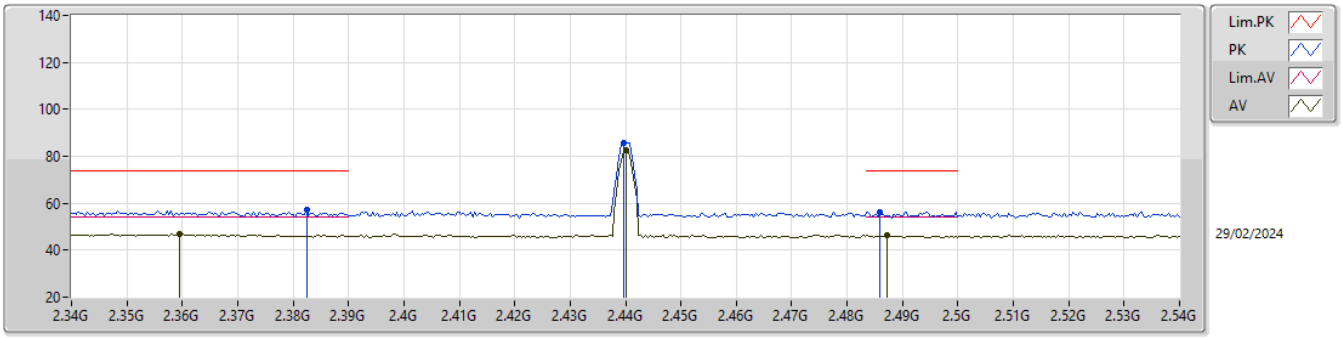


EUT Y_1TX
Setting 13
06-D-R-7

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	2.3604G	56.90	74.00	-17.10	24.32	3	Vertical	218.6	1.72	-	27.90	4.68	-
AV	2.3472G	47.17	54.00	-6.83	14.61	3	Vertical	218.6	1.72	-	27.90	4.66	-
PK	2.4404G	87.41	Inf	-Inf	55.15	3	Vertical	218.6	1.72	-	27.50	4.76	-
AV	2.44G	84.45	Inf	-Inf	52.19	3	Vertical	218.6	1.72	-	27.50	4.76	-
PK	2.4992G	56.56	74.00	-17.44	24.35	3	Vertical	218.6	1.72	-	27.40	4.81	-
AV	2.4928G	46.19	54.00	-7.81	13.99	3	Vertical	218.6	1.72	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

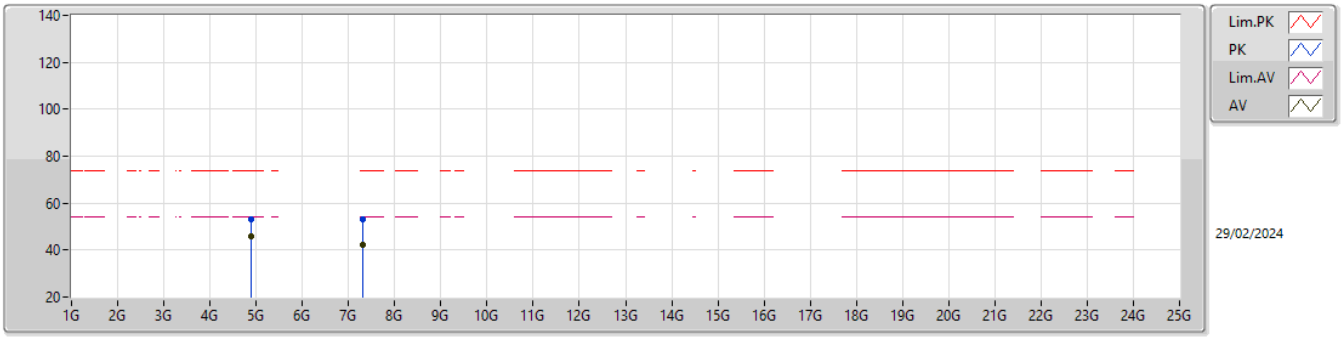


EUT Y_1TX
Setting 13
06-D-R-7

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	2.3824G	57.35	74.00	-16.65	24.95	3	Horizontal	328	3.00	-	27.70	4.70	-
AV	2.3596G	46.82	54.00	-7.18	14.24	3	Horizontal	328	3.00	-	27.90	4.68	-
PK	2.4396G	85.85	Inf	-Inf	53.59	3	Horizontal	328	3.00	-	27.50	4.76	-
AV	2.44G	82.47	Inf	-Inf	50.21	3	Horizontal	328	3.00	-	27.50	4.76	-
PK	2.486G	56.43	74.00	-17.57	24.23	3	Horizontal	328	3.00	-	27.40	4.80	-
AV	2.4872G	46.33	54.00	-7.67	14.13	3	Horizontal	328	3.00	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

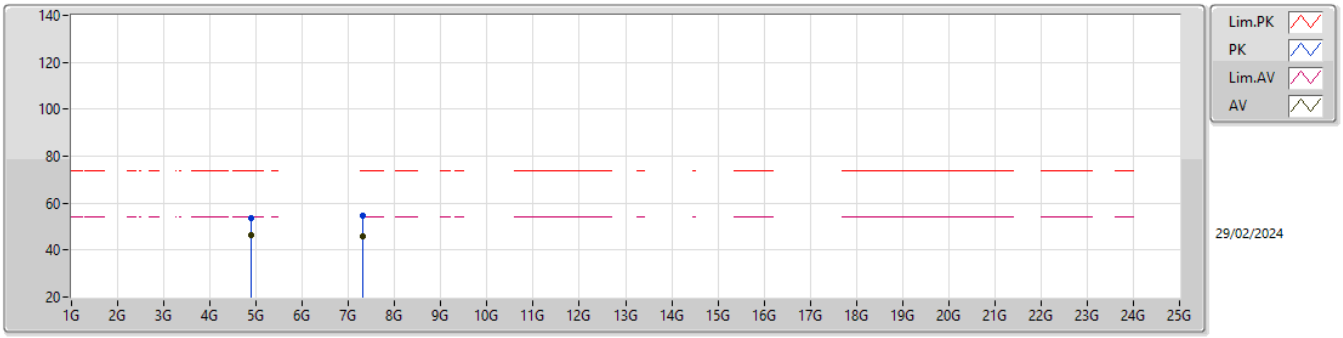


EUT Y_1TX
Setting 13
06-D-R-7

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	4.87898G	53.25	74.00	-20.75	46.57	3	Vertical	321	2.91	-	31.30	6.74	31.36
AV	4.87904G	45.96	54.00	-8.04	39.28	3	Vertical	321	2.91	-	31.30	6.74	31.36
PK	7.3086G	53.23	74.00	-20.77	40.89	3	Vertical	88	1.80	-	36.60	8.34	32.60
AV	7.31004G	42.48	54.00	-11.52	30.14	3	Vertical	88	1.80	-	36.60	8.34	32.60

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

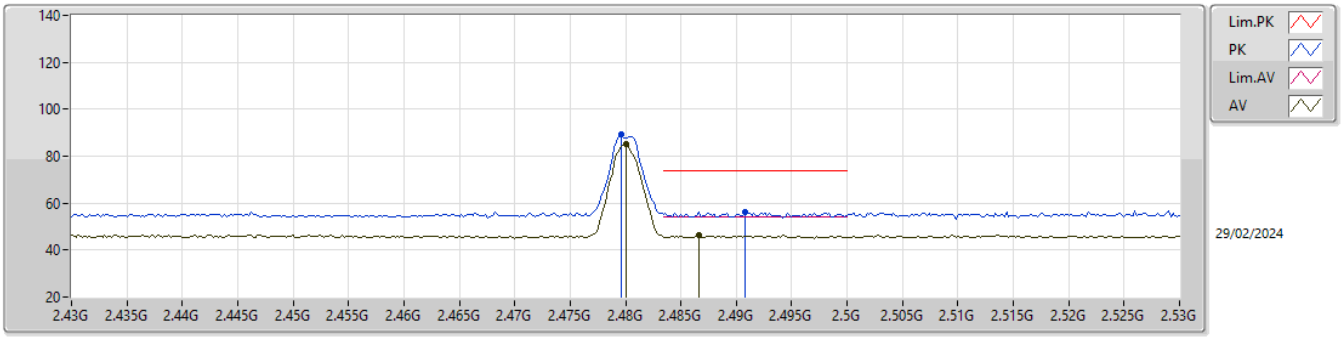


EUT Y_1TX
Setting 13
06-D-R-7

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	4.88102G	53.50	74.00	-20.50	46.82	3	Horizontal	292	1.04	-	31.30	6.74	31.36
AV	4.87892G	46.50	54.00	-7.50	39.82	3	Horizontal	292	1.04	-	31.30	6.74	31.36
PK	7.3215G	54.53	74.00	-19.47	42.21	3	Horizontal	300	2.08	-	36.60	8.34	32.62
AV	7.31862G	45.86	54.00	-8.14	33.53	3	Horizontal	300	2.08	-	36.60	8.34	32.61

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

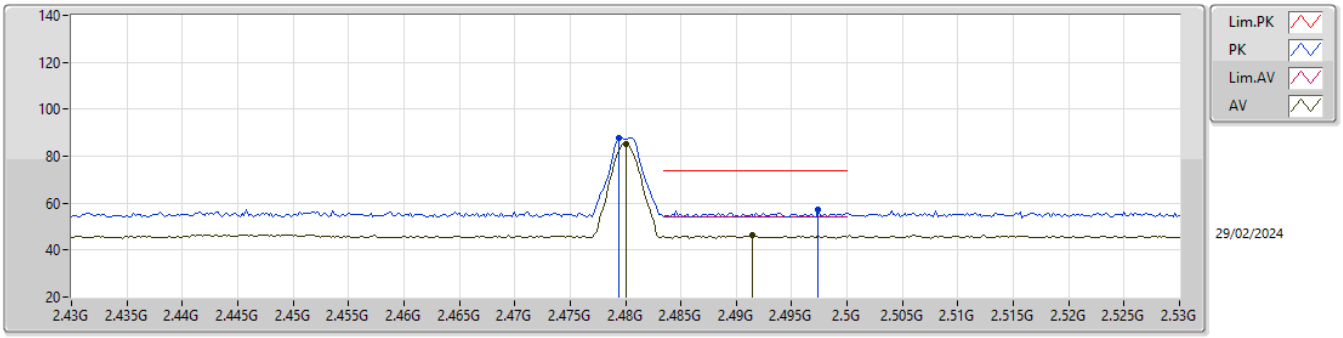


EUT Y_1TX
Setting 13
06-D-R-7

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	2.4796G	89.34	Inf	-Inf	57.15	3	Vertical	35	2.89	-	27.40	4.79	-
AV	2.48G	85.27	Inf	-Inf	53.08	3	Vertical	35	2.89	-	27.40	4.79	-
PK	2.4908G	56.37	74.00	-17.63	24.17	3	Vertical	35	2.89	-	27.40	4.80	-
AV	2.4866G	46.27	54.00	-7.73	14.07	3	Vertical	35	2.89	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

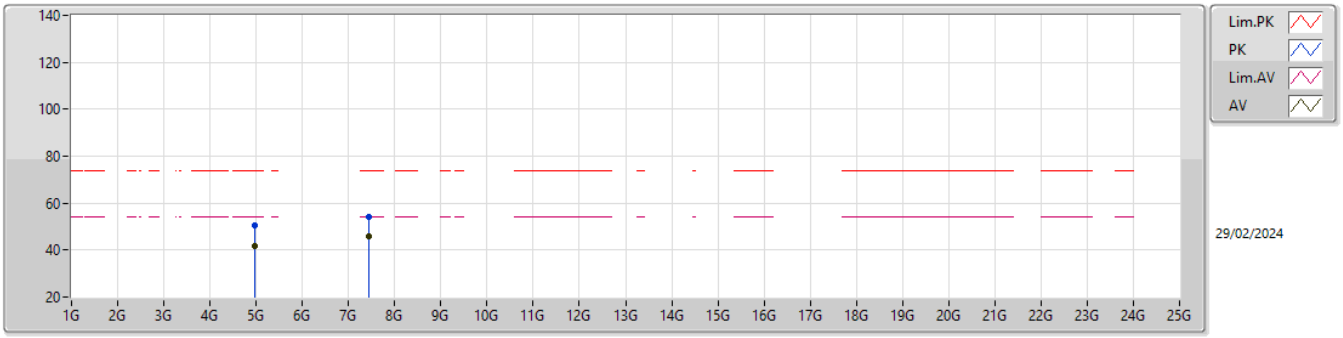


EUT Y_1TX
Setting 13
06-D-R-7

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	2.4794G	87.90	Inf	-Inf	55.71	3	Horizontal	25.1	2.46	-	27.40	4.79	-
AV	2.48G	85.41	Inf	-Inf	53.22	3	Horizontal	25.1	2.46	-	27.40	4.79	-
PK	2.4974G	57.15	74.00	-16.85	24.94	3	Horizontal	25.1	2.46	-	27.40	4.81	-
AV	2.4914G	46.31	54.00	-7.69	14.11	3	Horizontal	25.1	2.46	-	27.40	4.80	-

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX

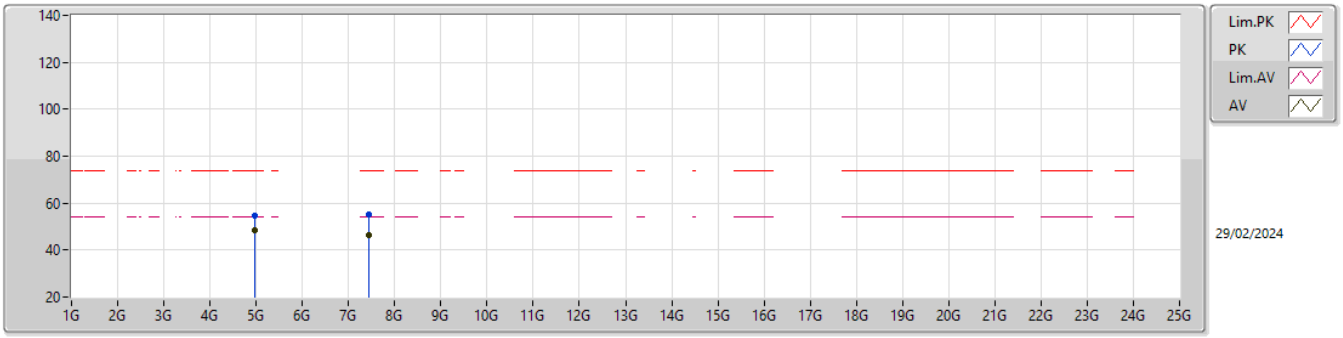


EUT Y_1TX
Setting 13
06-D-R-7

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	4.9591G	50.29	74.00	-23.71	43.25	3	Vertical	210	2.92	-	31.54	6.81	31.31
AV	4.95904G	41.91	54.00	-12.09	34.87	3	Vertical	210	2.92	-	31.54	6.81	31.31
PK	7.43856G	53.98	74.00	-20.02	41.71	3	Vertical	340	3.00	-	36.68	8.37	32.78
AV	7.43844G	45.68	54.00	-8.32	33.41	3	Vertical	340	3.00	-	36.68	8.37	32.78

2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



EUT Y_1TX
Setting 13
06-D-R-7

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	4.96108G	54.78	74.00	-19.22	47.74	3	Horizontal	302	1.00	-	31.54	6.81	31.31
AV	4.95904G	48.53	54.00	-5.47	41.49	3	Horizontal	302	1.00	-	31.54	6.81	31.31
PK	7.43862G	55.22	74.00	-18.78	42.95	3	Horizontal	309	1.00	-	36.68	8.37	32.78
AV	7.43844G	46.47	54.00	-7.53	34.20	3	Horizontal	309	1.00	-	36.68	8.37	32.78