

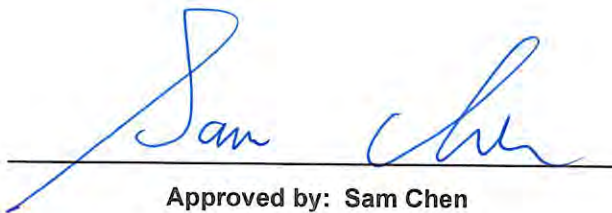


RADIO TEST REPORT

FCC ID : RAS-MT7920
Equipment : 2TX 11ax (WiFi6) BW80 + BT/BLE Combo Card
Brand Name : MediaTek
Model Name : MT7920
Applicant : MediaTek Inc.
No.1, Dusing 1st Rd., Hsinchu Science Park, Hsinchu City
30078, Taiwan
Manufacturer : MediaTek Inc.
No.1, Dusing 1st Rd., Hsinchu Science Park, Hsinchu City
30078, Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Mar. 13, 2024, and testing was started from Mar. 19, 2024 and completed on May 13, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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


Approved by: Sam Chen

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



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_5 Ver1.3



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)	20dB Bandwidth	PASS	-
3.2	15.247(a)	Carrier Frequency Separation	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(a)	Number of Hopping Frequencies and Hopping Band edge	PASS	-
3.5	15.247(a)	Time of Occupancy (Dwell Time)	PASS	-
3.6	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.7	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: Cathy Chiu



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Version	Ch. Frequency (MHz)	Channel Number
2400-2483.5	BR / EDR	2402-2480	0-78 [79]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-BR(1Mbps)	1	1TX
2.4-2.4835GHz	BT-EDR(2Mbps)	1	1TX
2.4-2.4835GHz	BT-EDR(3Mbps)	1	1TX

Note:

- ♦ Bluetooth BR uses a GFSK (1Mbps).
- ♦ Bluetooth EDR uses a combination of $\pi/4$ -DQPSK (2Mbps) and 8DPSK (3Mbps).
- ♦ Bluetooth BR/EDR uses as a system using FHSS modulation.
- ♦ BWch is the nominal channel bandwidth.



1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth					
1	1/2	1/2	1	Walsin	RFMTA340718EMLB302	PIFA	MHF4L	Note1
2	1/2	1/2	1	Cortec	AN2450-4902BRS	Dipole	Reversed-SMA	
3	1/2	1/2	1	Changshu HongBo Telecommunication	260-25095_20240201	Monopole	MHF4L	

Note1:

Ant.	Port			Antenna Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
1	1/2	1/2	1	3.18	4.92	3.18
3	1/2	1/2	1	3.11	4.91	3.11

Ant.	Port			Antenna Gain (dBi)			Cable Loss (dBm)			Net Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz	Bluetooth
2	1/2	1/2	1	2.92	4.67	2.92	0.47	0.94	0.47	2.45	3.73	2.45

Note2:

For Other tests:

The EUT has three antennas, only the highest gain antenna 1 was selected to test and record in this report.

For Emissions in Restricted Frequency Bands and Radiated Emission Co-location test:

The EUT has different types of antenna. Thus, antenna 1~3 were selected to perform the test.

Note3: The above information was declared by manufacturer.

Note4: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

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

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

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

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

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

Where ;

$$2.4G \ G1 = 3.18 \text{ dBi} ; G2 = 3.18 \text{ dBi} ;$$

$$5G \text{ UNII-1} \ G1 = 4.92 \text{ dBi} ; G2 = 4.92 \text{ dBi} ;$$

$$5G \text{ UNII-2A} \ G1 = 4.92 \text{ dBi} ; G2 = 4.92 \text{ dBi} ;$$

$$5G \text{ UNII-2C} \ G1 = 4.92 \text{ dBi} ; G2 = 4.92 \text{ dBi} ;$$

$$5G \text{ UNII-3} \ G1 = 4.92 \text{ dBi} ; G2 = 4.92 \text{ dBi} ;$$

$$5G \text{ UNII-4} \ G1 = 4.92 \text{ dBi} ; G2 = 4.92 \text{ dBi} ;$$

$$2.4G \ DG = 6.19 \text{ dBi}$$

$$5G \text{ UNII-1} \ DG = 7.93 \text{ dBi}$$

$$5G \text{ UNII-2A} \ DG = 7.93 \text{ dBi}$$

$$5G \text{ UNII-2C} \ DG = 7.93 \text{ dBi}$$

$$5G \text{ UNII-3} \ DG = 7.93 \text{ dBi}$$

$$5G \text{ UNII-4} \ DG = 7.93 \text{ dBi}$$

<WLAN 2.4GHz Function>

For IEEE 802.11b/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.

<WLAN 5GHz Function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<Bluetooth Function> (1TX/1RX):

Only Port 1 can be used as transmitting/receiving.

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz)_1/T
BT-BR(1Mbps)	0.739	1.31	2.881m	1k
BT-EDR(2Mbps)	0.74	1.31	2.885m	1k
BT-EDR(3Mbps)	0.819	0.87	2.887m	1k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system
Test Software Version	MediaTek BT Tool Vw2403



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

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Kevin Huang	24.5-25.1 / 61-69	Apr. 09, 2024~ May 11, 2024
Radiated (Below 1GHz)	03CH04-CB	Gordon Hung	21.4-22.5 / 55-58	Apr. 18, 2024~ Apr. 23, 2024
	03CH05-CB	Gordon Hung	21.9-22.4 / 55-58	Apr. 18, 2024~ Apr. 23, 2024
Radiated (Above 1GHz)	03CH01-CB	George Fan	21.9-22.4 / 55-58	Mar. 19, 2024~ May 13, 2024
	03CH04-CB	George Fan	22.7-23.8 / 56-59	Mar. 19, 2024~ May 13, 2024
Radiated (Co-location)	03CH05-CB	George Fan	21.4-22.5 / 55-58	Mar. 19, 2024~ May 13, 2024
AC Conduction	CO01-CB	Gray Lee	22~23 / 51~52	Apr. 25, 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-BR(1Mbps)
2402MHz
2440MHz
2480MHz
BT-EDR(2Mbps)
2402MHz
2440MHz
2480MHz
BT-EDR(3Mbps)
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	Normal Link
1	EUT + WLAN 5GHz + Bluetooth + antenna 1
2	EUT + WLAN 2.4GHz + antenna 1
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	20dB Bandwidth, Carrier Frequency Separation Maximum Conducted Output Power, Number of Hopping Frequencies Hopping Bandedge, Time of Occupancy (Dwell Time) Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
1	EUT + antenna 1

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
1	EUT in X axis + WLAN 5GHz + Bluetooth + antenna 1
2	EUT in Y axis + WLAN 5GHz + Bluetooth + antenna 1
3	EUT in Z axis + WLAN 5GHz + Bluetooth + antenna 1
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT in Z axis + WLAN 2.4GHz + antenna 1
Mode 3 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 ~ 6 will follow this same test mode.	
5	EUT in Z axis + WLAN 5GHz + Bluetooth + antenna 2
6	EUT in Z axis + WLAN 5GHz + Bluetooth + antenna 3
For operating mode 3 is the worst case and it was record in this test report.	



Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found as below. So the measurement will follow this same test configuration.	
1	EUT in Z axis + antenna 3
2	EUT in Z axis + antenna 1
3	EUT in Y axis + antenna 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
After evaluating, and the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Z axis_WLAN 5GHz + Bluetooth + antenna 1
2	EUT in Z axis_WLAN 5GHz + Bluetooth + antenna 2
3	EUT in Z axis_WLAN 5GHz + Bluetooth + antenna 3
For operating mode 1 is the worst case and it was record in this test report.	
Refer to Appendix H for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 5GHz + Bluetooth
Refer to Sporton Test Report No.: FA431211 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	Lenovo	L440	N/A
B	Router	TP-LINK	Archer C54	N/A
C	BT Speaker	MARUS	MSK06C-RD	N/A
D	Earphone	e-Power	GT-02	N/A
E	Mouse	DELL	SM111-L	N/A
F	Test Fixture	MediaTek	MTK1849	N/A

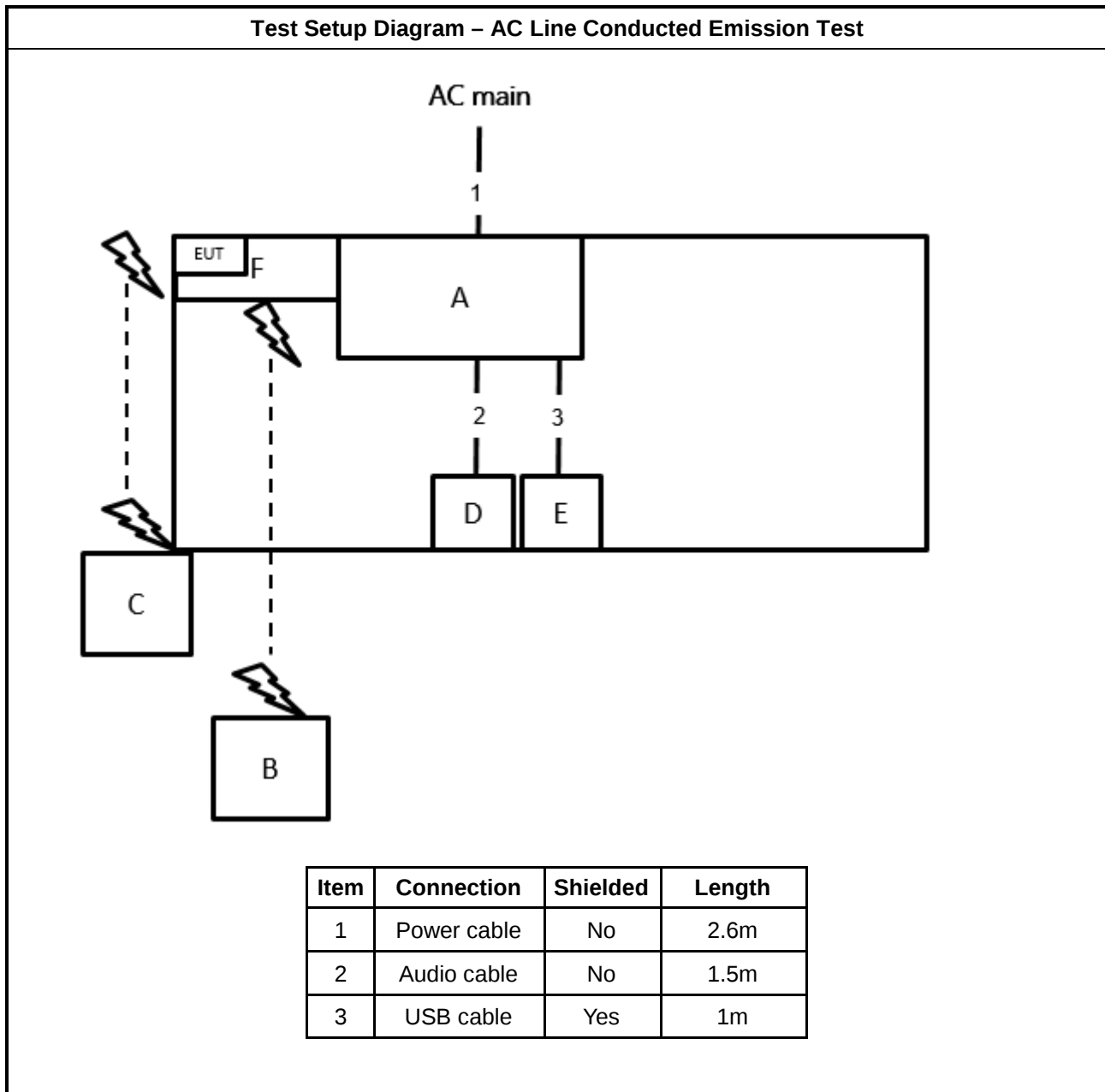
For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Test Fixture	MediaTek	MTK1849	N/A
C	WLAN AP	D-LINK	DIR860L	KA2IR860LA1
D	BT Speaker	MI	XMYX02YM	2AJ7PXXMYX02YM
E	NB	DELL	E4300	N/A

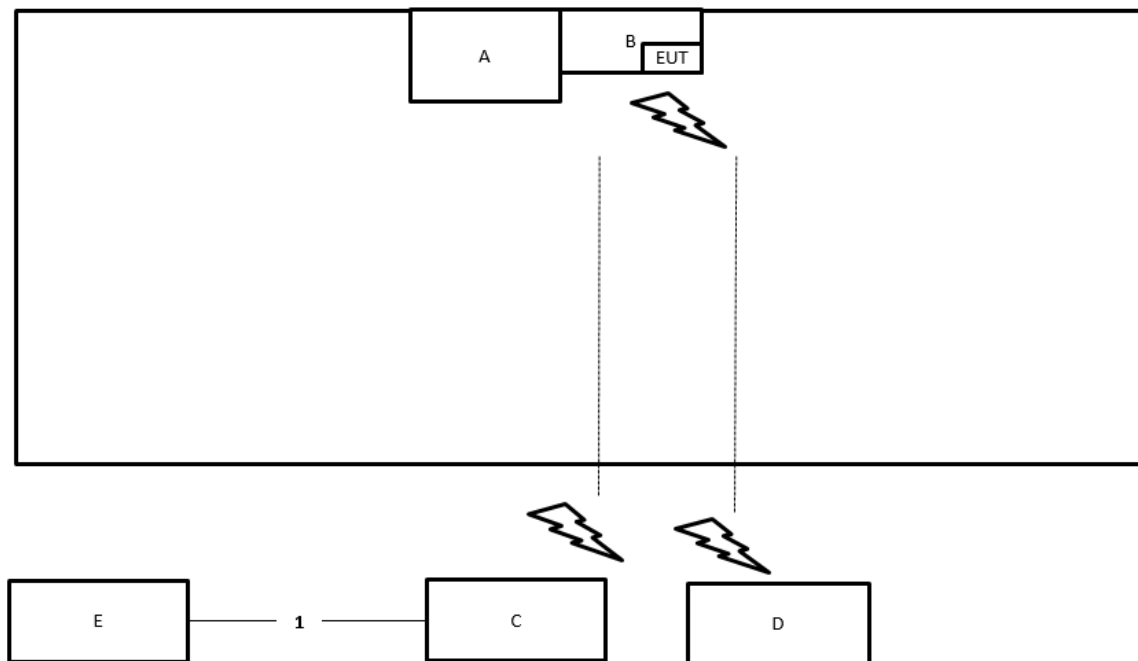
For Radiated (above 1GHz) and RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Test Fixture	MediaTek	MTK1849	N/A

2.6 Test Setup Diagram



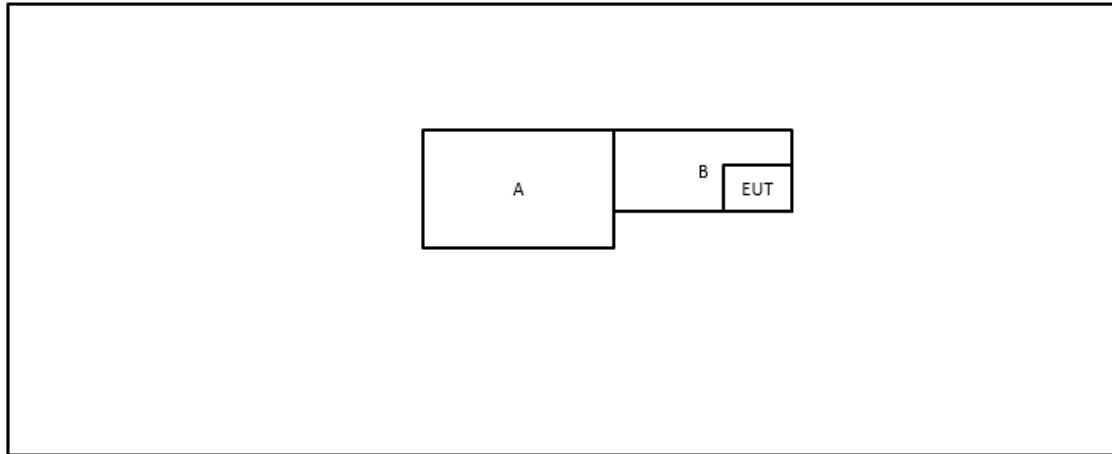
Test Setup Diagram - Radiated Test < 1GHz



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



Test Setup Diagram - Radiated Test > 1GHz





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.		

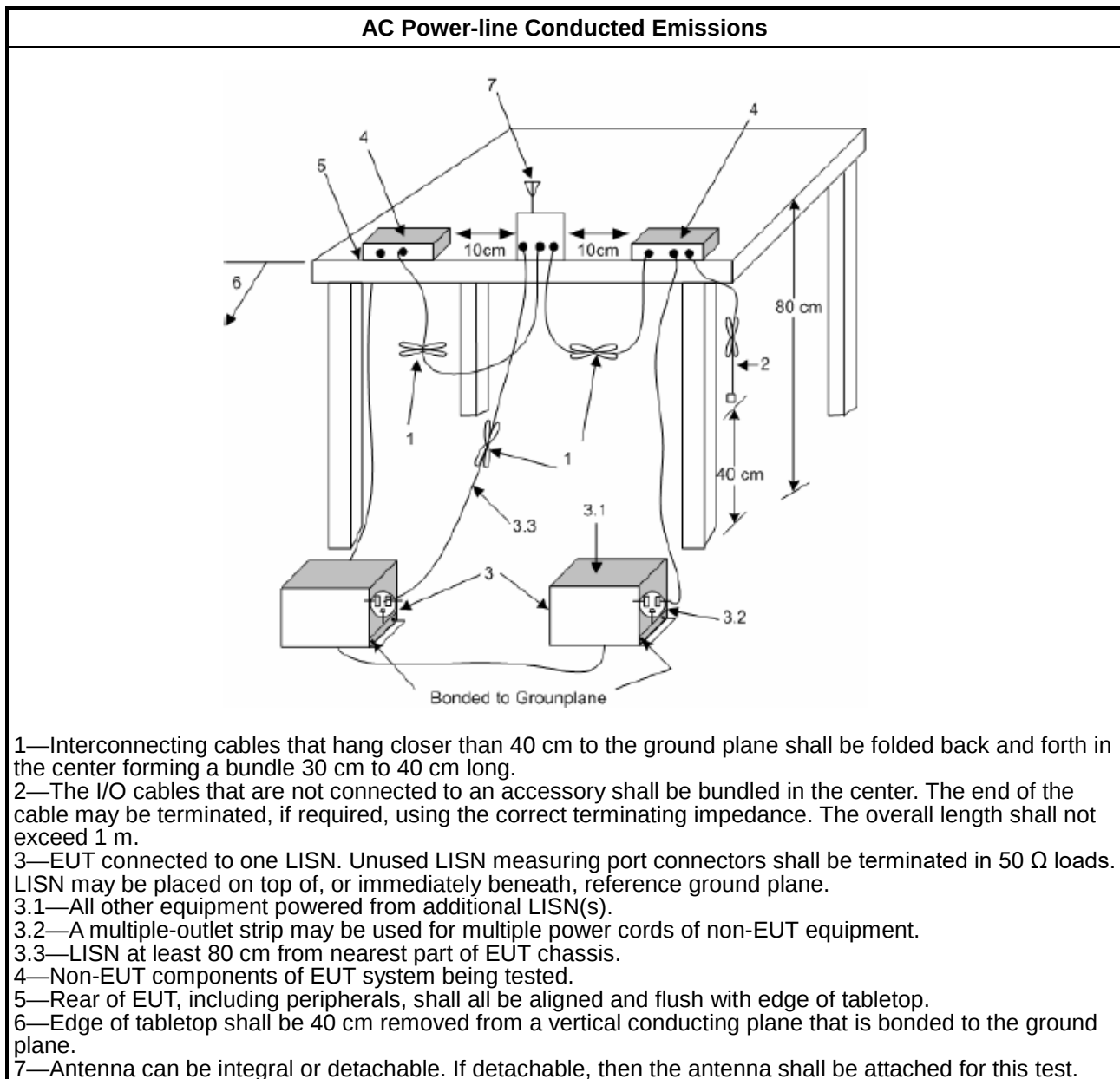
3.1.2 Measuring Instruments

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



1.1.1. 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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 20dB Bandwidth and Carrier Frequency Separation

3.2.1 20dB Bandwidth and Carrier Frequency Separation Limit

20dB Bandwidth and Carrier Frequency Separation Limit for Frequency Hopping Systems	
▪ 902-928 MHz Band:	
	▪ $N \geq 50$ and $ChS \geq \text{MAX}$ (20 dB bandwidth, 25 kHz); 20 dB bandwidth $\leq$ 250 kHz.
	▪ $50 > N \geq 25$ and $ChS \geq \text{MAX}$ (20 dB bandwidth, 25 kHz); 20 dB bandwidth $>$ 250 kHz.
▪ 2400-2483.5 MHz Band:	
	▪ $N \geq 75$ and $ChS \geq \text{MAX}$ (20 dB bandwidth, 25 kHz).
	▪ $75 > N \geq 15$ and $ChS \geq \text{MAX}$ (20 dB bandwidth 2/3, 25 kHz).
▪ 5725-5850 MHz Band:	
	▪ $N \geq 75$ and $ChS \geq \text{MAX}$ (20 dB bandwidth, 25 kHz); 20 dB bandwidth $\leq$ 1 MHz.
N: Number of Hopping Frequencies; ChS: Hopping Channel Separation	

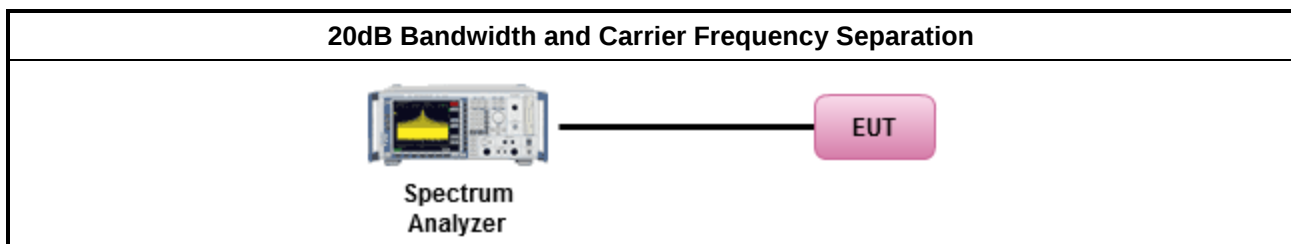
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 6.9.1 for 20 dB bandwidth measurement.
▪ Refer as ANSI C63.10-2013, clause 7.8.2 for carrier frequency separation measurement.

3.2.4 Test Setup



3.2.5 Test Result of 20dB Bandwidth

Refer as Appendix B

3.2.6 Test Result of Carrier Frequency Separation

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
▪ 902-928 MHz Band:	
▪ N ≥ 50; Power 30dBm; EIRP 36dBm	
▪ 50 > N ≥ 25; Power 23.98dBm; EIRP 29.98dBm	
▪ 2400-2483.5 MHz Band:	
▪ N ≥ 75; Power 30dBm; EIRP 36dBm	
▪ 75 > N ≥ 15; Power 21dBm; EIRP 27dBm	
▪ 5725-5850 MHz Band:	
▪ N ≥ 75; Power 30dBm; EIRP 36dBm	
N: Number of Hopping Frequencies	

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 7.8.5 for output power measurement.

3.3.4 Test Setup

Maximum Conducted Output Power (Peak Power Meter)
 The diagram illustrates the test setup for measuring Maximum Conducted Output Power. It shows a Power Meter (represented by a blue and white device with a screen and buttons) connected via a black cable to an EUT (Equipment Under Test, represented by a pink rectangular block). The Power Meter is also connected to a computer (represented by a monitor and tower unit) via a USB cable. The entire setup is labeled 'Power Meter' at the bottom.

3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Number of Hopping Frequencies and Hopping Bandedge

3.4.1 Number of Hopping Frequencies Limit

Number of Hopping Frequencies Limit	
▪ 902-928 MHz Band:	
	▪ $N \geq 50$ and $ChS \geq \text{MAX}$ (20 dB bandwidth, 25 kHz); 20 dB bandwidth $\leq$ 250 kHz.
	▪ $50 > N \geq 25$ and $ChS \geq \text{MAX}$ (20 dB bandwidth, 25 kHz); 20 dB bandwidth $>$ 250 kHz.
▪ 2400-2483.5 MHz Band:	
	▪ $N \geq 75$ and $ChS \geq \text{MAX}$ (20 dB bandwidth, 25 kHz).
	▪ $75 > N \geq 15$ and $ChS \geq \text{MAX}$ (20 dB bandwidth 2/3, 25 kHz).
▪ 5725-5850 MHz Band:	
	▪ $N \geq 75$ and $ChS \geq \text{MAX}$ (20 dB bandwidth, 25 kHz); 20 dB bandwidth $\leq$ 1 MHz.
N: Number of Hopping Frequencies; ChS : Hopping Channel Separation	

3.4.2 Hopping Bandedge Limit

Refer clause 3.6.1 and clause 3.7.1

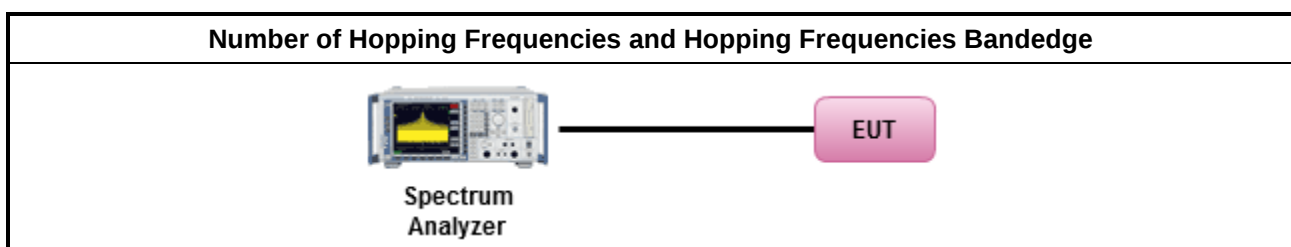
3.4.3 Measuring Instruments

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

3.4.4 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 7.8.3 for number of hopping frequencies measurement.
▪ Refer as ANSI C63.10-2013, clause 7.8.6 for hopping frequencies Bandedge measurement.

3.4.5 Test Setup



3.4.6 Test Result of Number of Hopping Frequencies

Refer as Appendix D

3.4.7 Test Result of Number of Hopping Frequencies Bandedge

Refer as Appendix D

3.5 Time of Occupancy (Dwell Time)

3.5.1 Time of Occupancy (Dwell Time) Limit

20dB Bandwidth and Carrier Frequency Separation Limit for Frequency Hopping Systems	
▪ 902-928 MHz Band:	
	▪ $N \geq 50$; 0.4s in 20s period
	▪ $50 > N \geq 25$; 0.4s in 10s period
▪ 2400-2483.5 MHz Band:	
	▪ $N \geq 75$; 0.4s in $N \times 0.4$ period
	▪ $75 > N \geq 15$; 0.4s in $N \times 0.4$ period
▪ 5725-5850 MHz Band:	
	▪ $N \geq 75$; 0.4s in 30s period
N: Number of Hopping Frequencies	

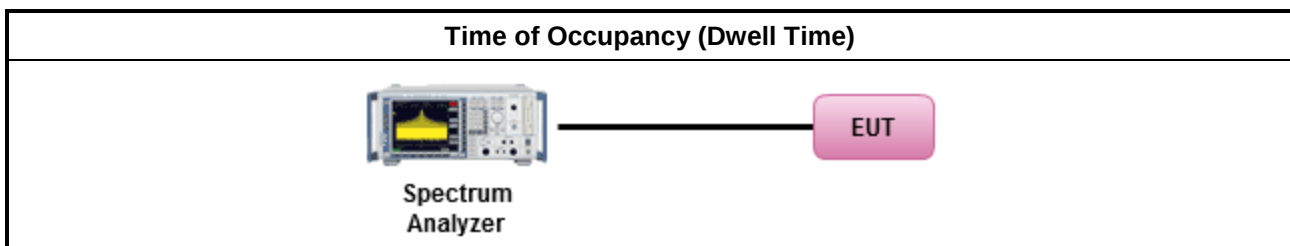
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
▪ Refer as ANSI C63.10-2013, clause 7.8.4 for dwell time measurement.	
▪ Bluetooth ACL packets can be 1, 3, or 5 time slots. Following as dwell time. Operate DH5 at maximum dwell time and maximum duty cycle.	
	▪ The DH5 packet can cover up to 5 time slots. Operate DH5 at maximum dwell time and maximum duty cycle. A maximum length packet has duration of 5 time slots. The hopping rate is 1600 hops/second so the maximum dwell time is $5/1600$ seconds, or 3.125ms. DH5 Packet permit maximum $1600 / 79 / 6 = 3.37$ hops per second in each channel.

3.5.4 Test Setup



3.5.5 Test Result of Time of Occupancy (Dwell Time)

Refer as Appendix E

3.6 Emissions in Non-restricted Frequency Bands

3.6.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dBc)
Peak output power procedure	20
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.	

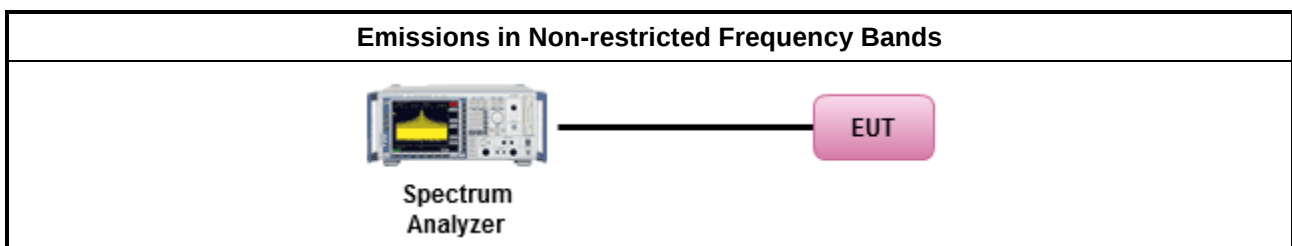
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method
Refer as ANSI C63.10-2013, clause 7.8.8 for unwanted emissions into non-restricted bands.

3.6.4 Test Setup



3.6.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix F



3.7 Emissions in Restricted Frequency Bands

3.7.1 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.

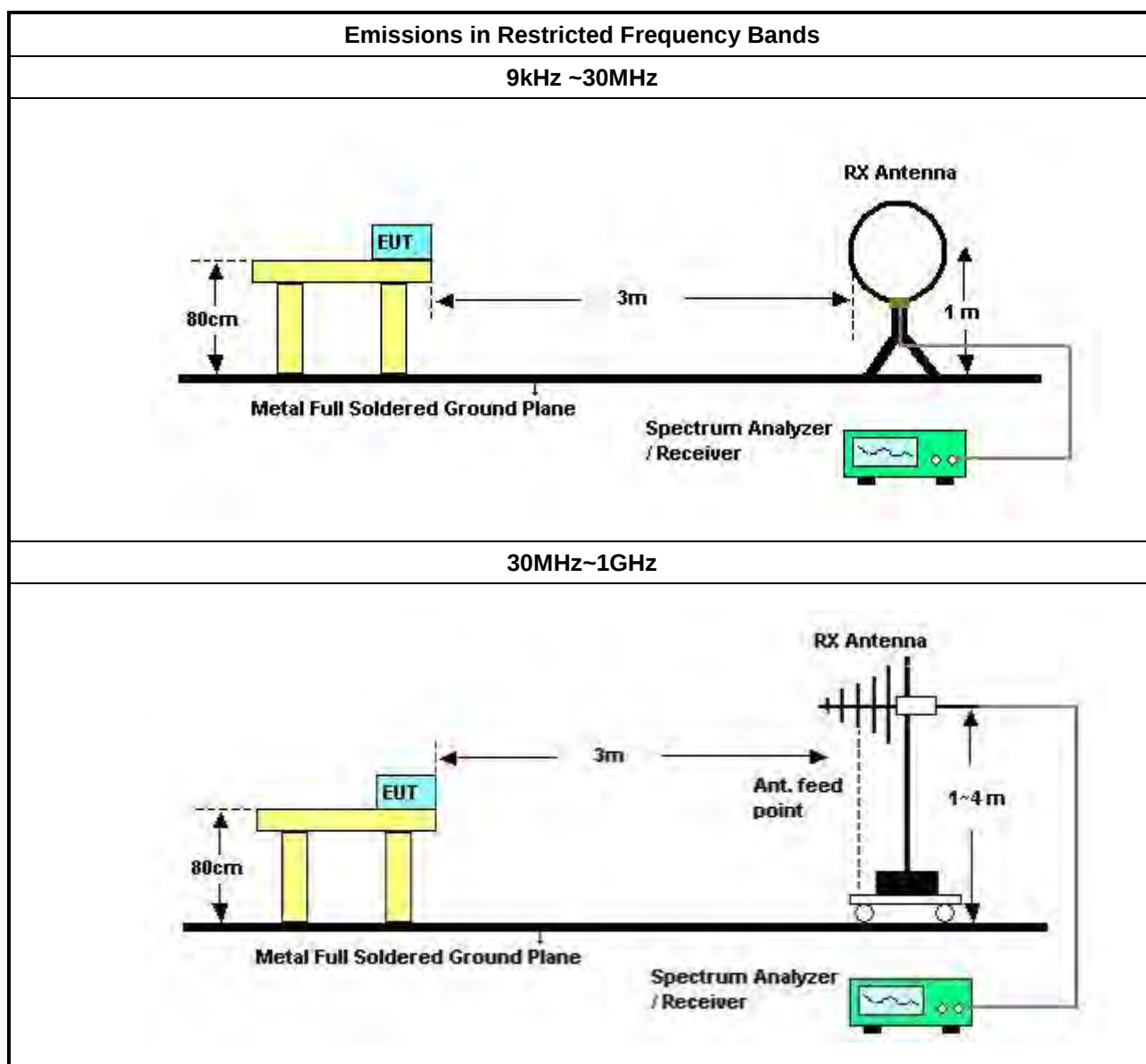
3.7.2 Measuring Instruments

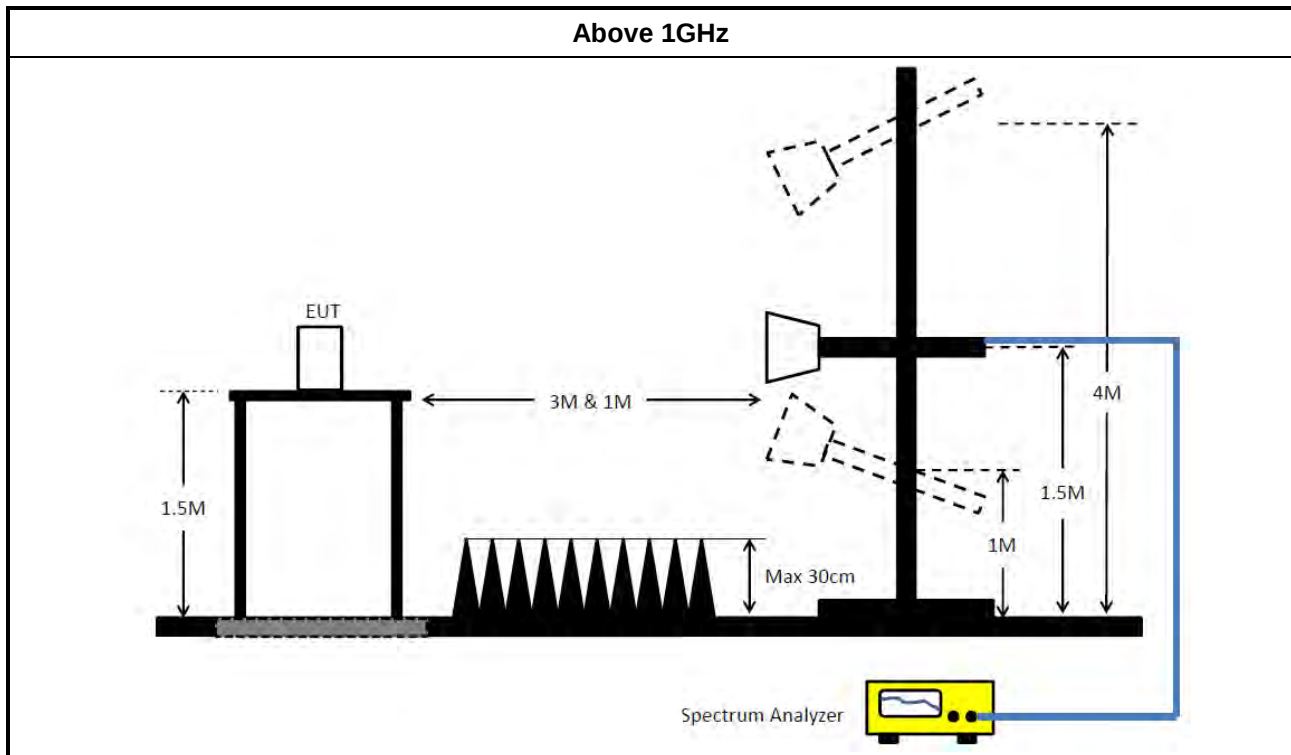
Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [hopping 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 ANSI C63.10, clause 4.1.4.2.1 QP value.
	▪ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak.
	▪ Refer as ANSI C63.10, clause 4.1.4.2.4 average value of hopping pulsed emissions.

3.7.4 Test Setup





3.7.5 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.

3.7.6 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.

3.7.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix G



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-5 0-16-2	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 (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 2025	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)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 04, 2023	Oct. 03, 2024	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 23, 2023	May 22, 2024	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 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)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH04-CB)



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 (03CH04-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 29, 2023	Sep. 28, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120 D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 08, 2023	Jun. 07, 2024	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630 SE	980287	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-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)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
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 ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5 GHz	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.



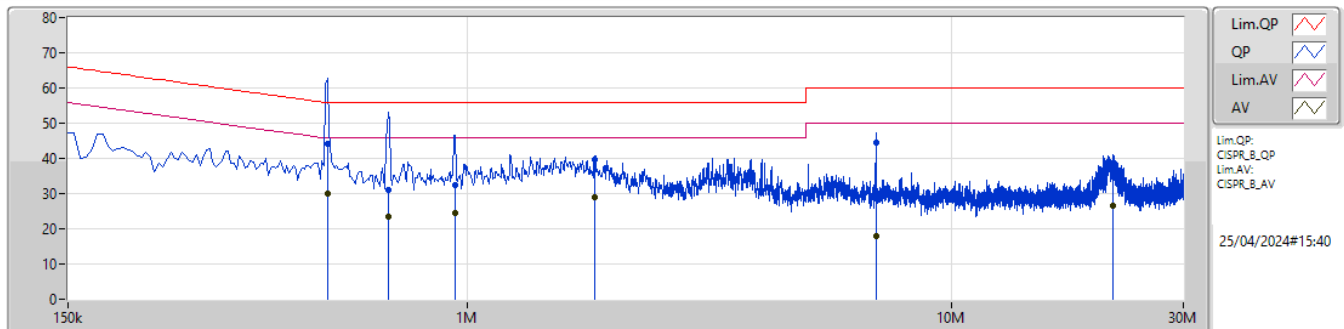
Conducted Emissions at Powerline

Appendix A

Summary

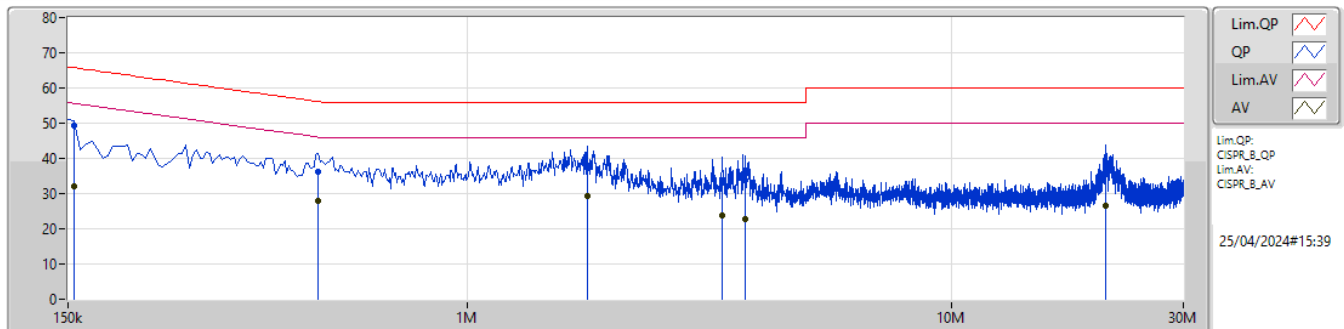
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	514.5k	44.14	56.00	-11.86	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	514.5k	44.14	56.00	-11.86	9.98	Line	"Worst"	34.16	0.06	0.02	9.90						
AV	514.5k	29.90	46.00	-16.10	9.98	Line	-	19.92	0.06	0.02	9.90						
QP	685.5k	30.91	56.00	-25.09	9.97	Line	-	20.94	0.06	0.01	9.90						
AV	685.5k	23.34	46.00	-22.66	9.97	Line	-	13.37	0.06	0.01	9.90						
QP	942k	32.45	56.00	-23.55	9.99	Line	-	22.46	0.07	0.01	9.91						
AV	942k	24.57	46.00	-21.43	9.99	Line	-	14.58	0.07	0.01	9.91						
QP	1.833M	39.79	56.00	-16.21	10.05	Line	-	29.74	0.10	0.06	9.89						
AV	1.833M	28.80	46.00	-17.20	10.05	Line	-	18.75	0.10	0.06	9.89						
QP	6.959M	44.58	60.00	-15.42	10.26	Line	-	34.32	0.21	0.14	9.91						
AV	6.959M	17.85	50.00	-32.15	10.26	Line	-	7.59	0.21	0.14	9.91						
QP	21.435M	36.25	60.00	-23.75	10.67	Line	-	25.58	0.41	0.23	10.03						
AV	21.435M	26.66	50.00	-23.34	10.67	Line	-	15.99	0.41	0.23	10.03						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	49.27	65.75	-16.48	9.94	Neutral	"Worst"	39.33	0.06	0.02	9.86						
AV	154.5k	32.09	55.75	-23.66	9.94	Neutral	-	22.15	0.06	0.02	9.86						
QP	492k	36.27	56.13	-19.86	9.97	Neutral	-	26.30	0.06	0.02	9.89						
AV	492k	28.00	46.13	-18.13	9.97	Neutral	-	18.03	0.06	0.02	9.89						
QP	1.766M	37.97	56.00	-18.03	10.04	Neutral	-	27.93	0.09	0.06	9.89						
AV	1.766M	29.24	46.00	-16.76	10.04	Neutral	-	19.20	0.09	0.06	9.89						
QP	3.354M	33.87	56.00	-22.13	10.13	Neutral	-	23.74	0.11	0.12	9.90						
AV	3.354M	23.73	46.00	-22.27	10.13	Neutral	-	13.60	0.11	0.12	9.90						
QP	3.741M	33.85	56.00	-22.15	10.15	Neutral	-	23.70	0.12	0.13	9.90						
AV	3.741M	22.61	46.00	-23.39	10.15	Neutral	-	12.46	0.12	0.13	9.90						
QP	20.778M	36.63	60.00	-23.37	10.66	Neutral	-	25.97	0.40	0.23	10.03						
AV	20.778M	26.48	50.00	-23.52	10.66	Neutral	-	15.82	0.40	0.23	10.03						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	838.75k	767.92k	768KF1D	794.75k	764.844k
BT-EDR(2Mbps)	1.328M	1.181M	1M18G1D	1.323M	1.15M
BT-EDR(3Mbps)	1.301M	1.198M	1M20G1D	1.227M	1.184M

Max-N dB = Maximum 20dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 20dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

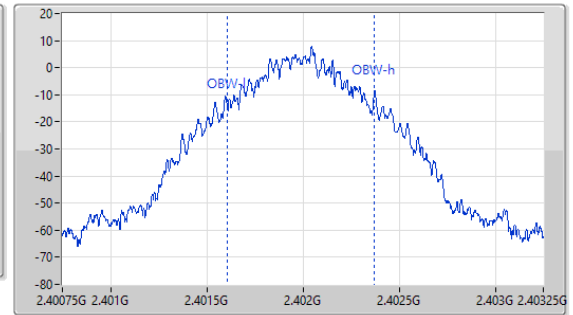
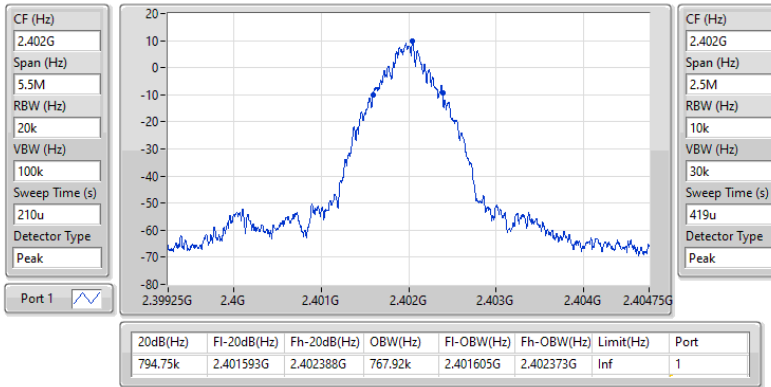
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	794.75k	767.92k
2440MHz	Pass	Inf	838.75k	765.954k
2480MHz	Pass	Inf	822.25k	764.844k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.323M	1.171M
2440MHz	Pass	Inf	1.326M	1.15M
2480MHz	Pass	Inf	1.328M	1.181M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.227M	1.184M
2440MHz	Pass	Inf	1.301M	1.195M
2480MHz	Pass	Inf	1.268M	1.198M

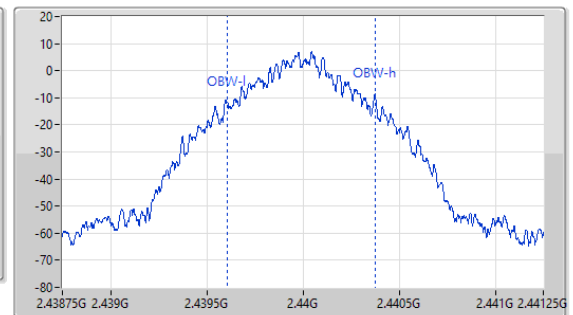
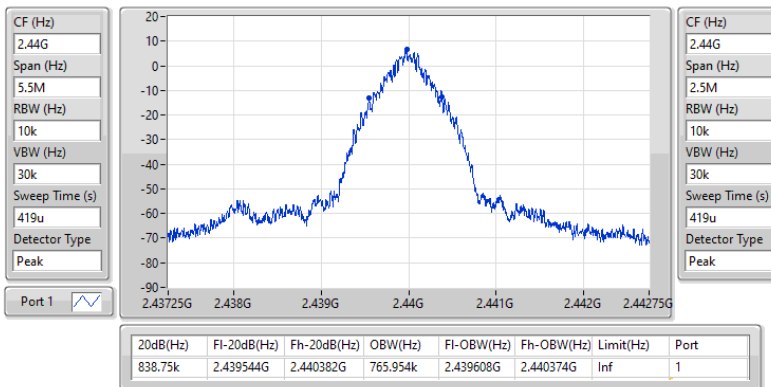
Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-BR(1Mbps)
EBW-FS
2402MHz

09/04/2024

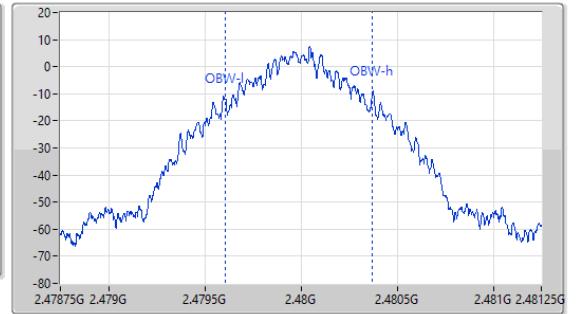
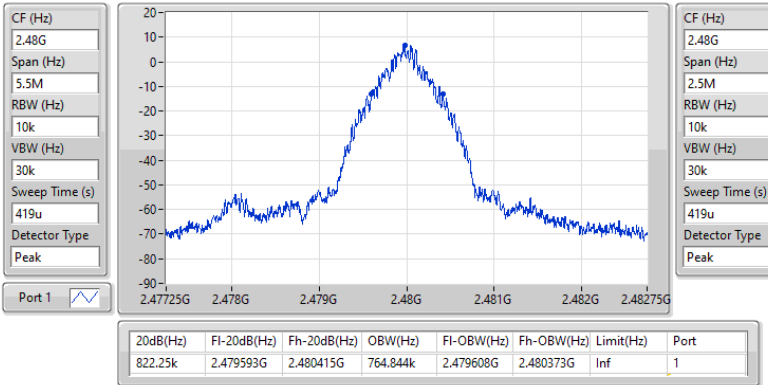

2.4-2.4835GHz_BT-BR(1Mbps)
EBW-FS
2440MHz

09/04/2024

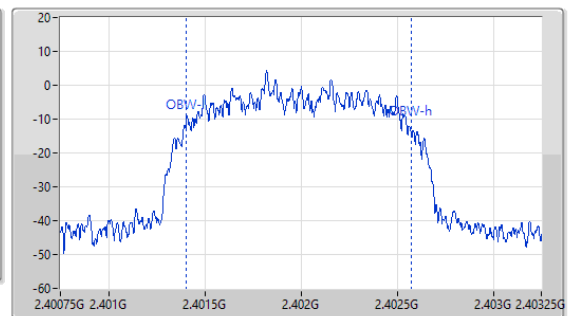
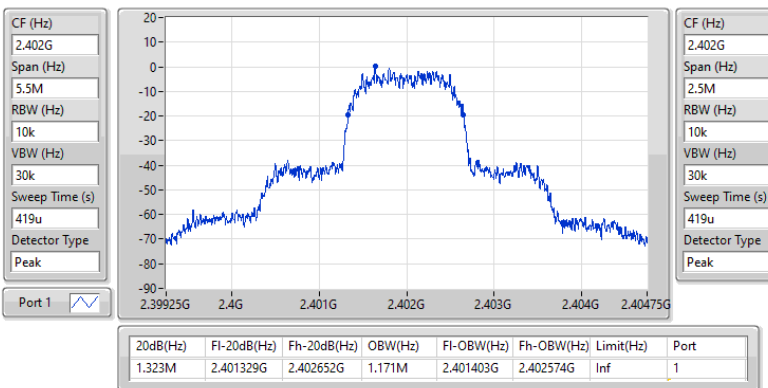


2.4-2.4835GHz_BT-BR(1Mbps)
EBW-FS
2480MHz

09/04/2024

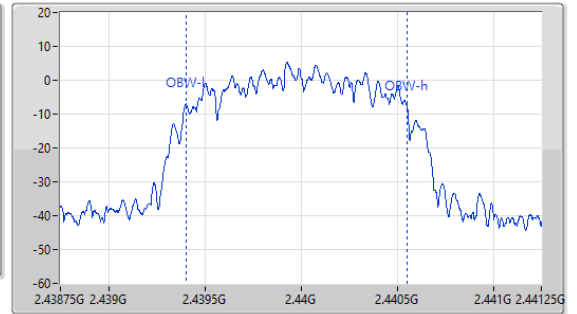
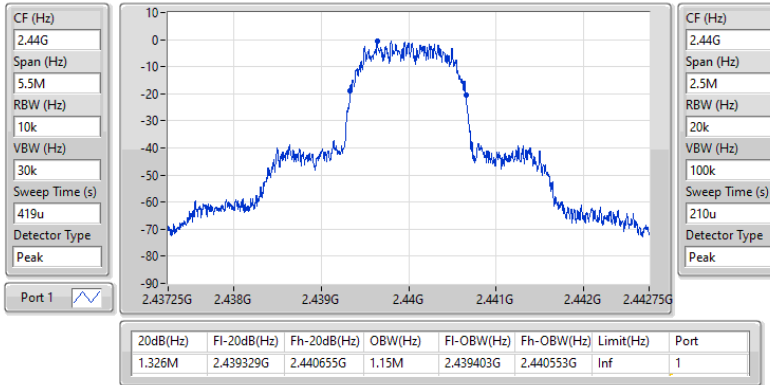

2.4-2.4835GHz_BT-EDR(2Mbps)
EBW-FS
2402MHz

09/04/2024

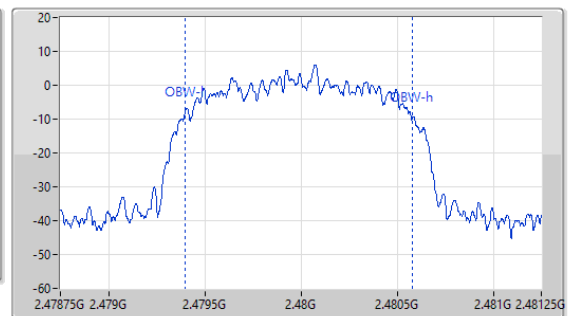
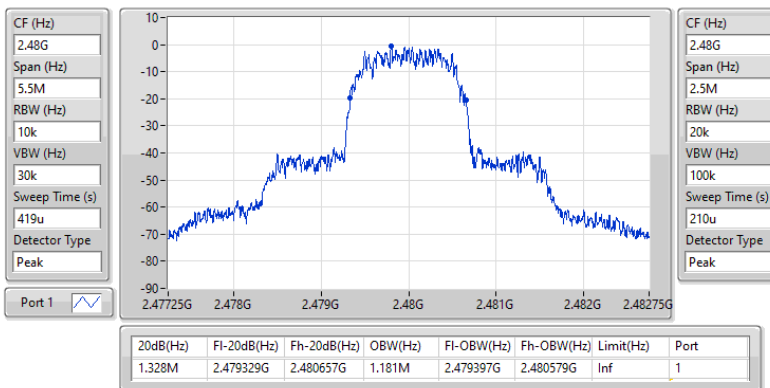


2.4-2.4835GHz_BT-EDR(2Mbps)
EBW-FS
2440MHz

09/04/2024

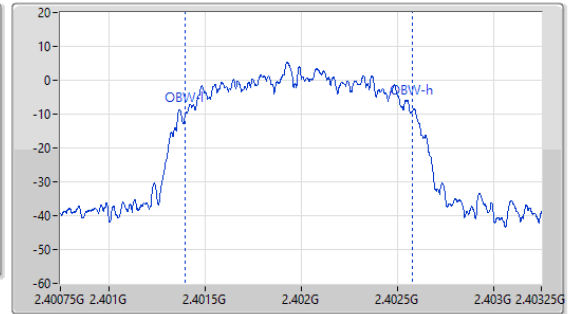
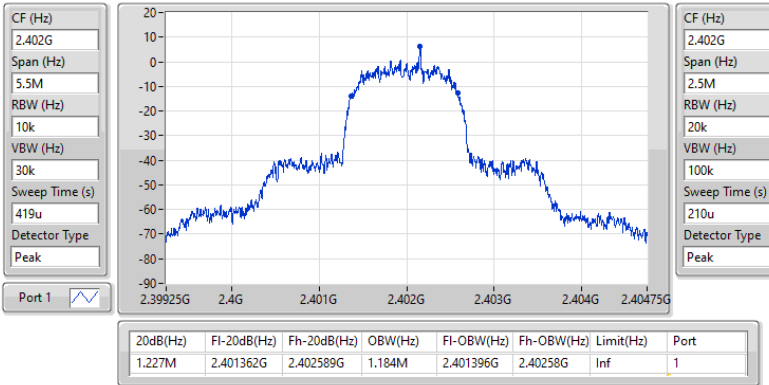

2.4-2.4835GHz_BT-EDR(2Mbps)
EBW-FS
2480MHz

09/04/2024

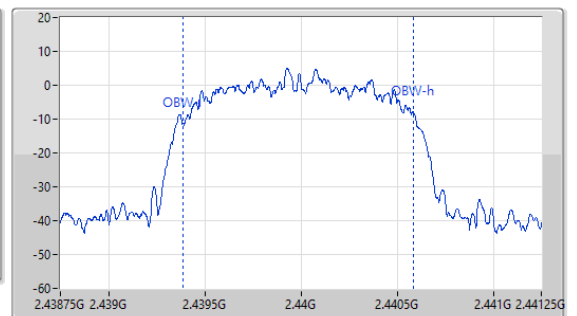
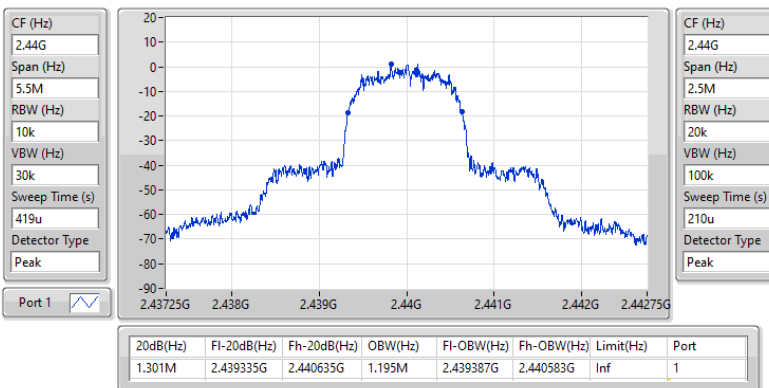


2.4-2.4835GHz_BT-EDR(3Mbps)
EBW-FS
2402MHz

09/04/2024


2.4-2.4835GHz_BT-EDR(3Mbps)
EBW-FS
2440MHz

09/04/2024

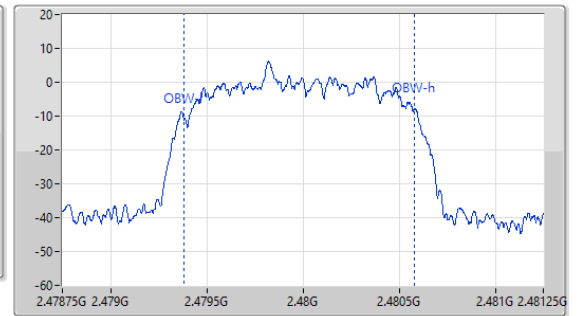
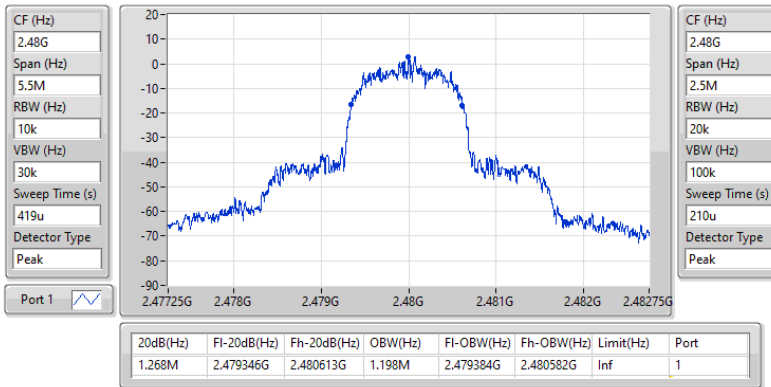


2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2480MHz

09/04/2024





Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0035M	1.0005M
BT-EDR(2Mbps)	1.002M	999k
BT-EDR(3Mbps)	1.002M	999k

Result

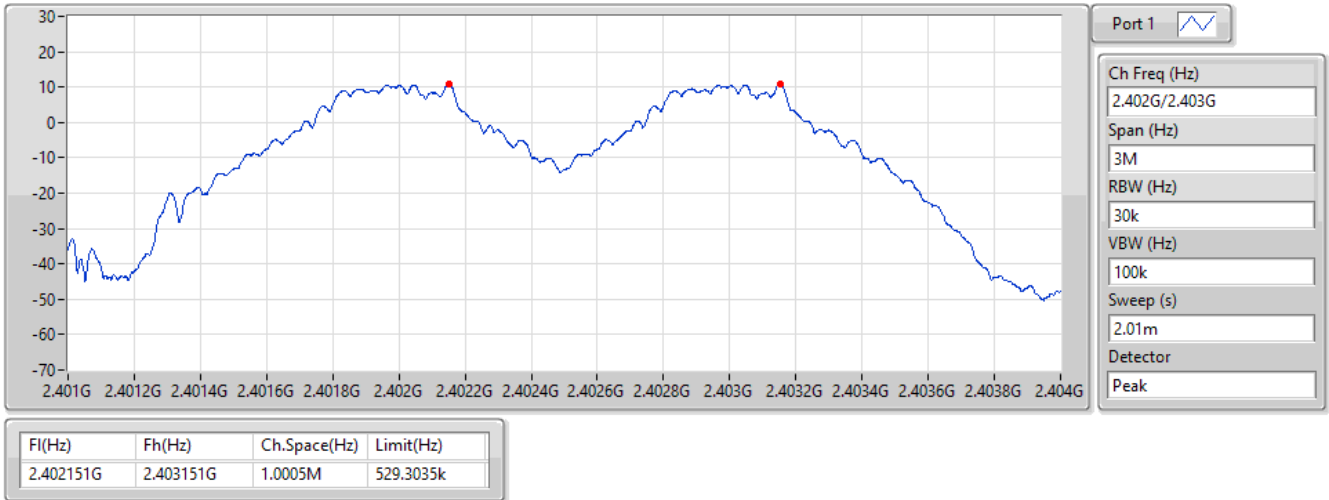
Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.402151G	2.403151G	1.0005M	529.3035k
2440MHz	Pass	2.440149G	2.44115G	1.0005M	558.6075k
2480MHz	Pass	2.479148G	2.480151G	1.0035M	547.6185k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.402151G	2.403153G	1.002M	881.118k
2440MHz	Pass	2.440151G	2.441153G	1.002M	883.116k
2480MHz	Pass	2.479152G	2.480151G	999k	884.448k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.402151G	2.40315G	999k	817.182k
2440MHz	Pass	2.440149G	2.441151G	1.002M	866.466k
2480MHz	Pass	2.479149G	2.480148G	999k	844.488k

2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.402G/2.403GHz

09/04/2024

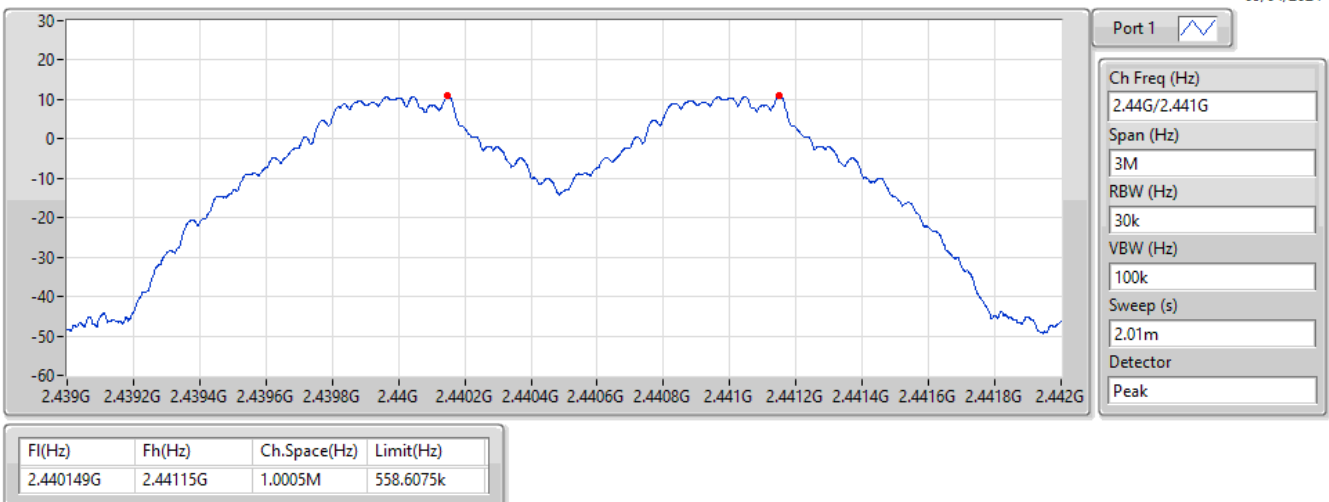


2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.44G/2.441GHz

09/04/2024

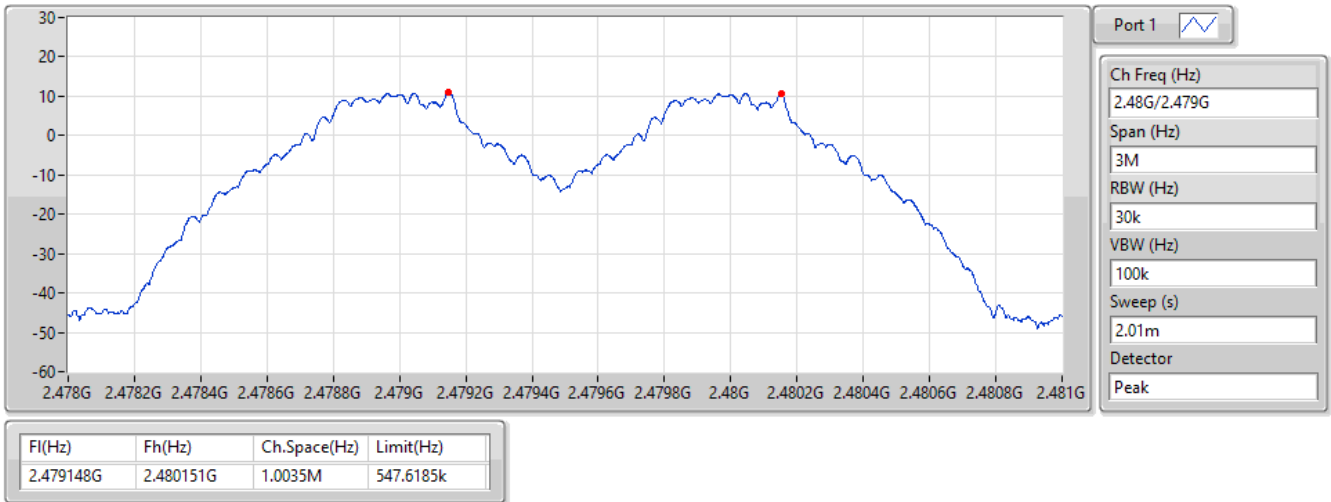


2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.48G/2.479GHz

09/04/2024

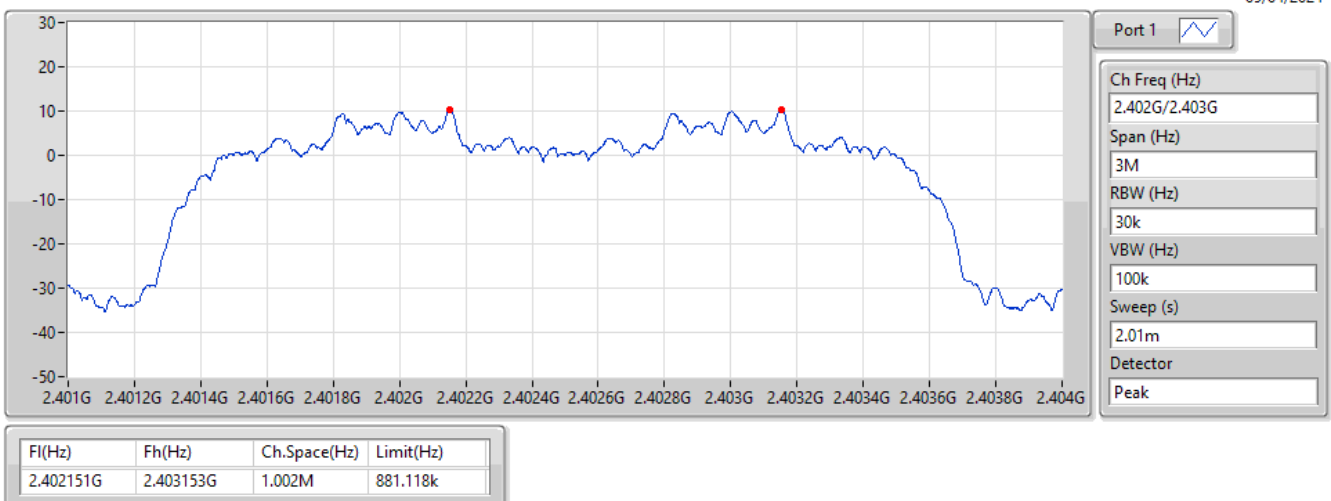


2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.402G/2.403GHz

09/04/2024

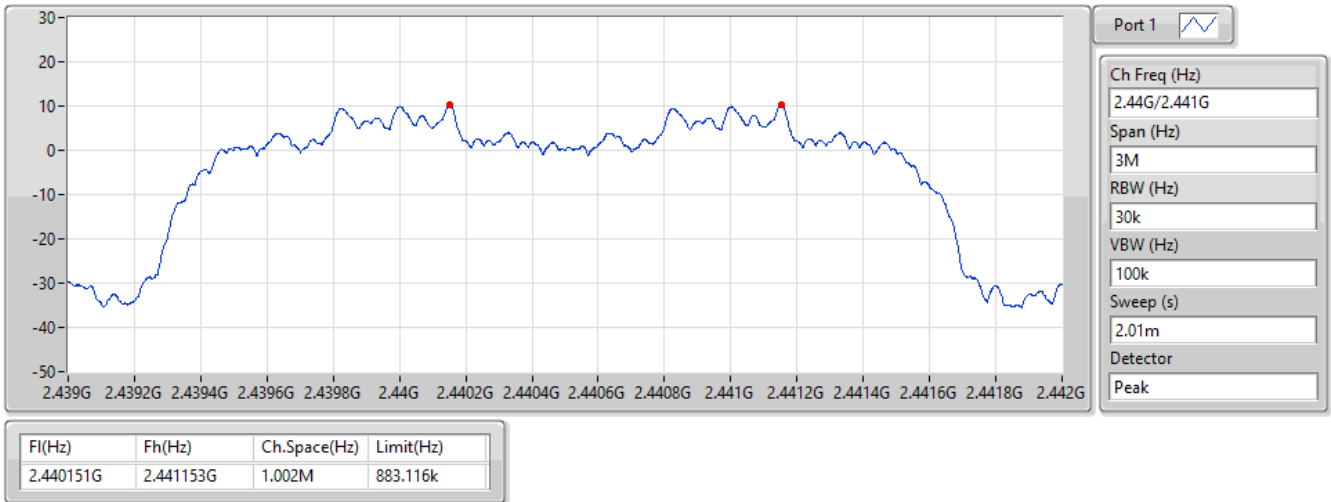


2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.44G/2.441GHz

09/04/2024

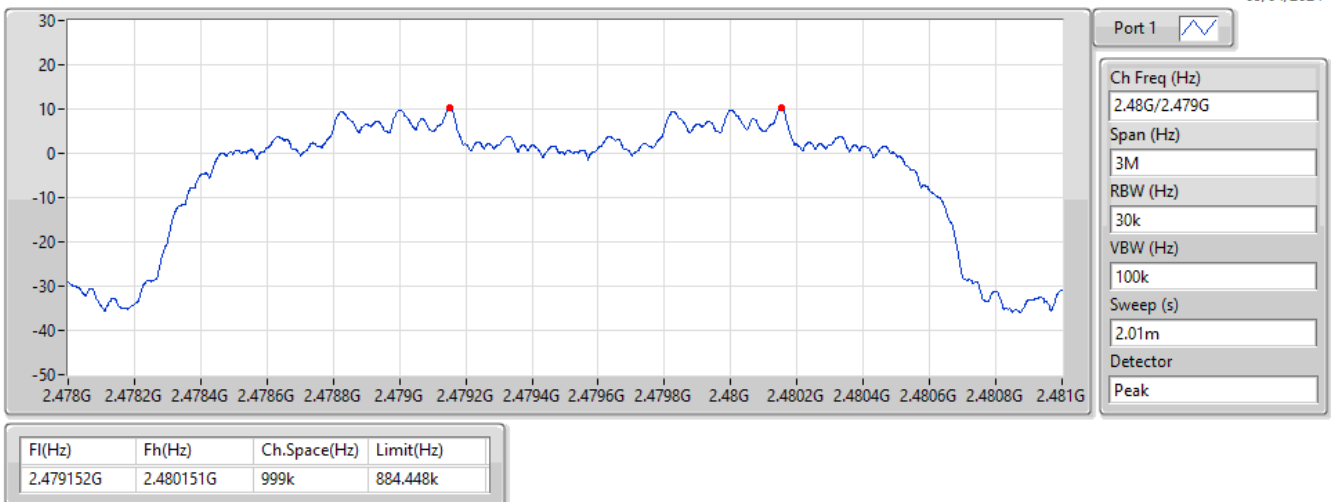


2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.48G/2.479GHz

09/04/2024

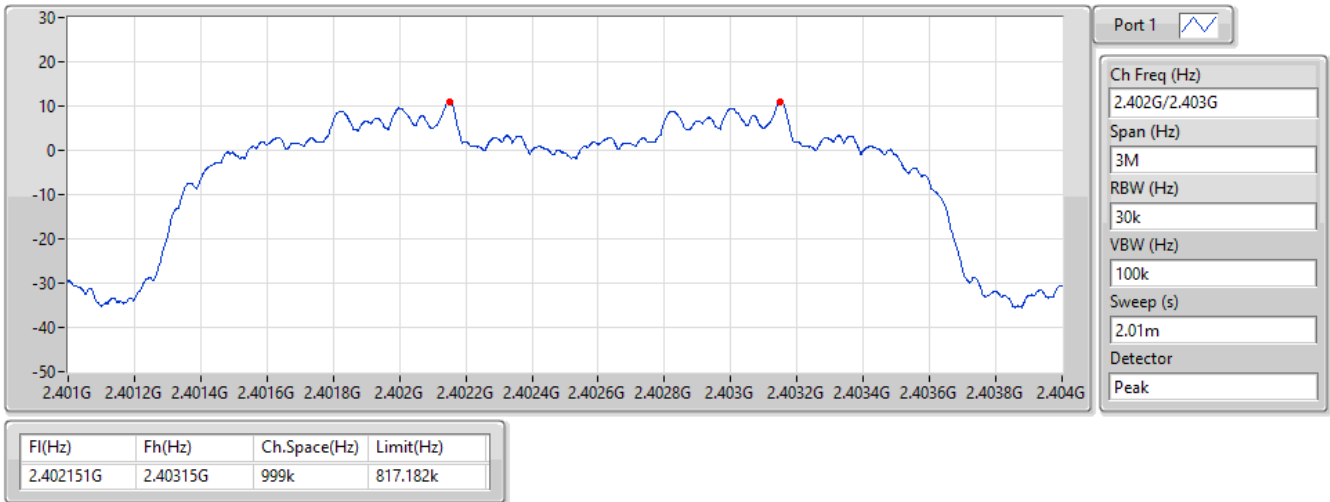


2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.402G/2.403GHz

09/04/2024

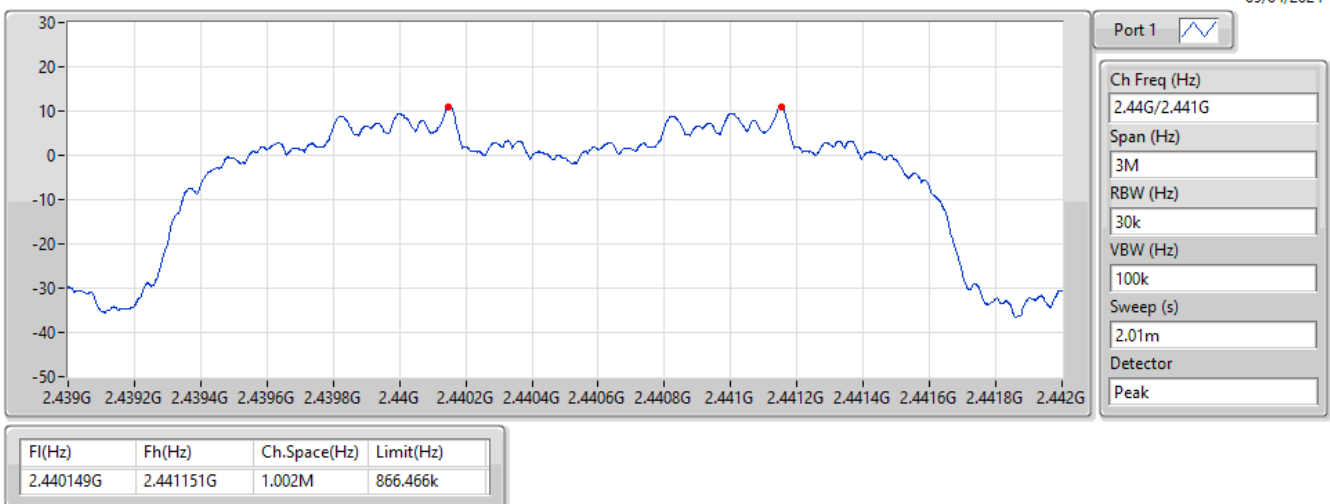


2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.44G/2.441GHz

09/04/2024

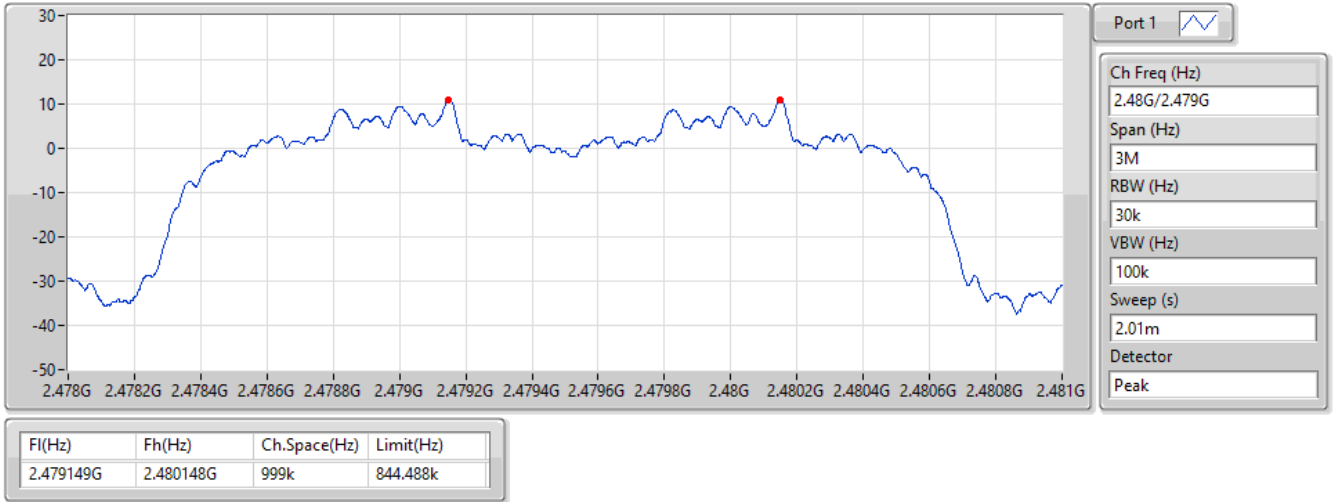


2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.48G/2.479GHz

09/04/2024





Average Power-FHSS

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	12.78	0.01897
BT-EDR(2Mbps)	11.21	0.01321
BT-EDR(3Mbps)	11.18	0.01312

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	3.18	12.78	21.00
2440MHz	Pass	3.18	12.72	21.00
2480MHz	Pass	3.18	12.74	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	3.18	11.21	21.00
2440MHz	Pass	3.18	11.12	21.00
2480MHz	Pass	3.18	11.11	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	3.18	11.18	21.00
2440MHz	Pass	3.18	11.08	21.00
2480MHz	Pass	3.18	11.02	21.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	12.91	0.01954
BT-EDR(2Mbps)	13.51	0.02244
BT-EDR(3Mbps)	13.72	0.02355

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	3.18	12.89	21.00
2440MHz	Pass	3.18	12.81	21.00
2480MHz	Pass	3.18	12.91	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	3.18	13.40	21.00
2440MHz	Pass	3.18	13.47	21.00
2480MHz	Pass	3.18	13.51	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	3.18	13.72	21.00
2440MHz	Pass	3.18	13.66	21.00
2480MHz	Pass	3.18	13.58	21.00

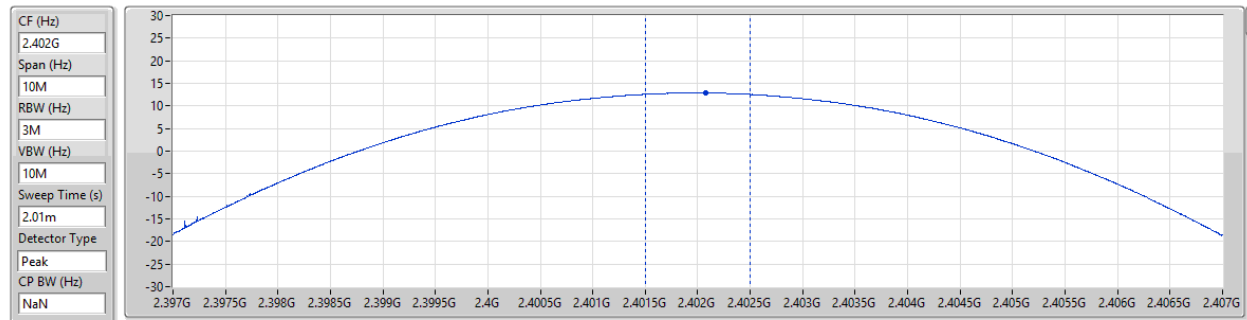
DG = Directional Gain; Port X = Port X output power

2.4-2.4835GHz_BT-BR(1Mbps)

PK Power-FS

2402MHz

22/04/2024

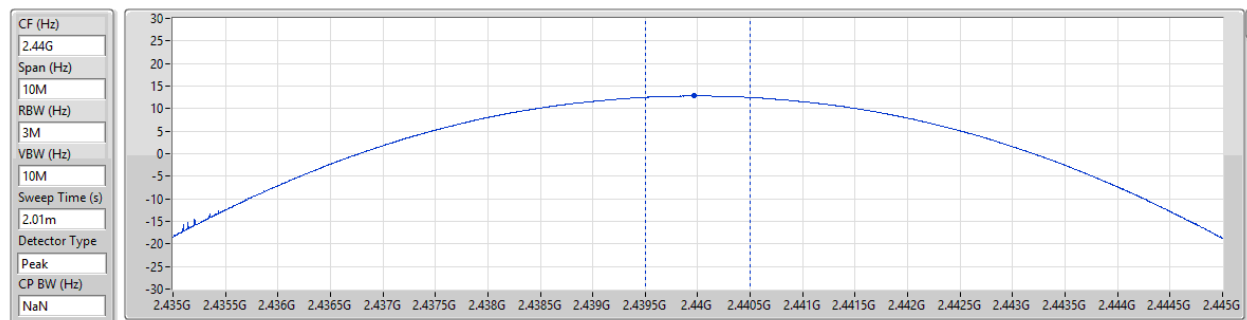


2.4-2.4835GHz_BT-BR(1Mbps)

PK Power-FS

2440MHz

22/04/2024

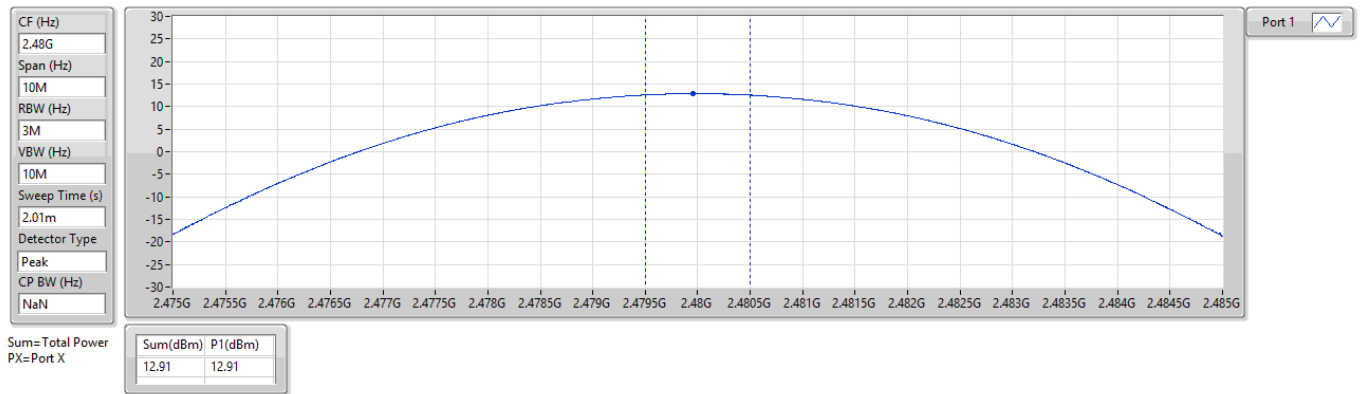


2.4-2.4835GHz_BT-BR(1Mbps)

PK Power-FS

2480MHz

22/04/2024

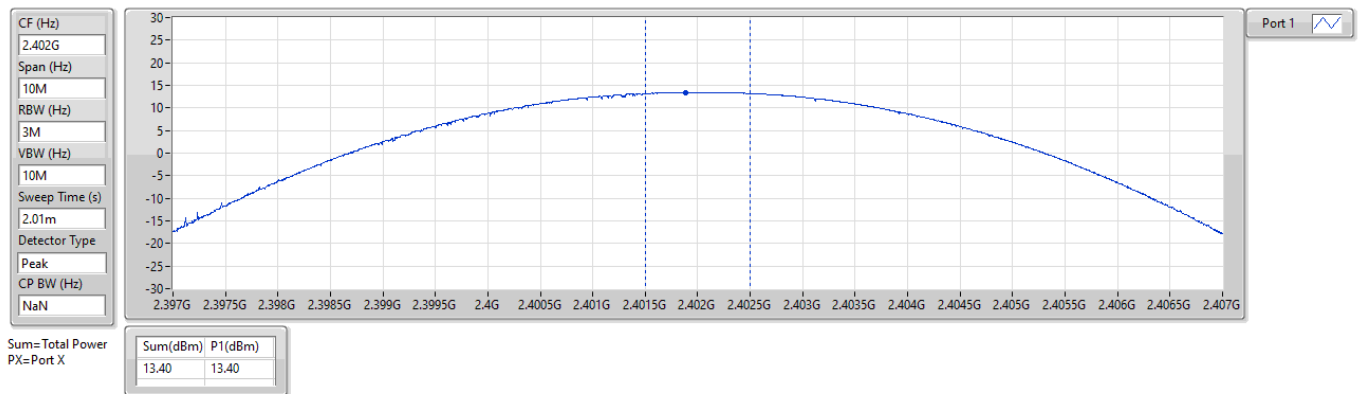


2.4-2.4835GHz_BT-EDR(2Mbps)

PK Power-FS

2402MHz

09/04/2024

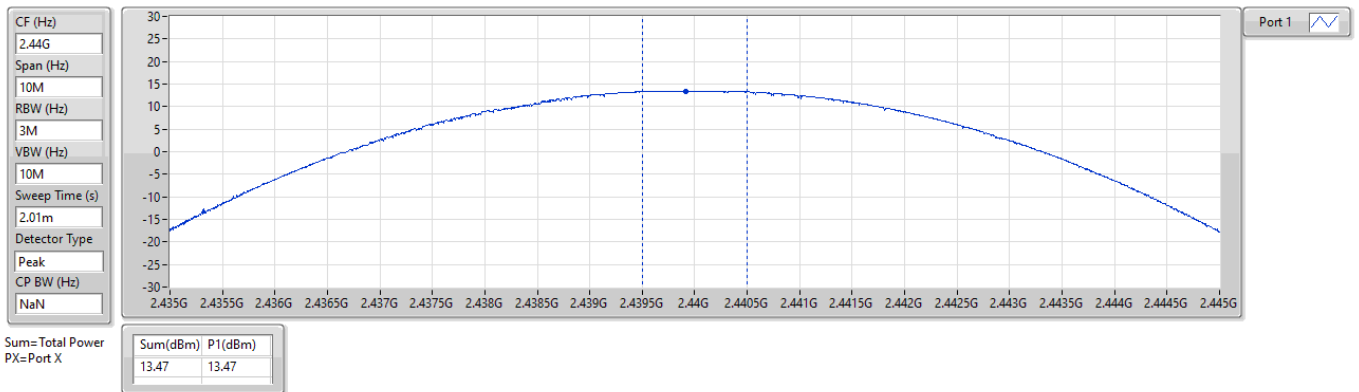


2.4-2.4835GHz_BT-EDR(2Mbps)

PK Power-FS

2440MHz

09/04/2024

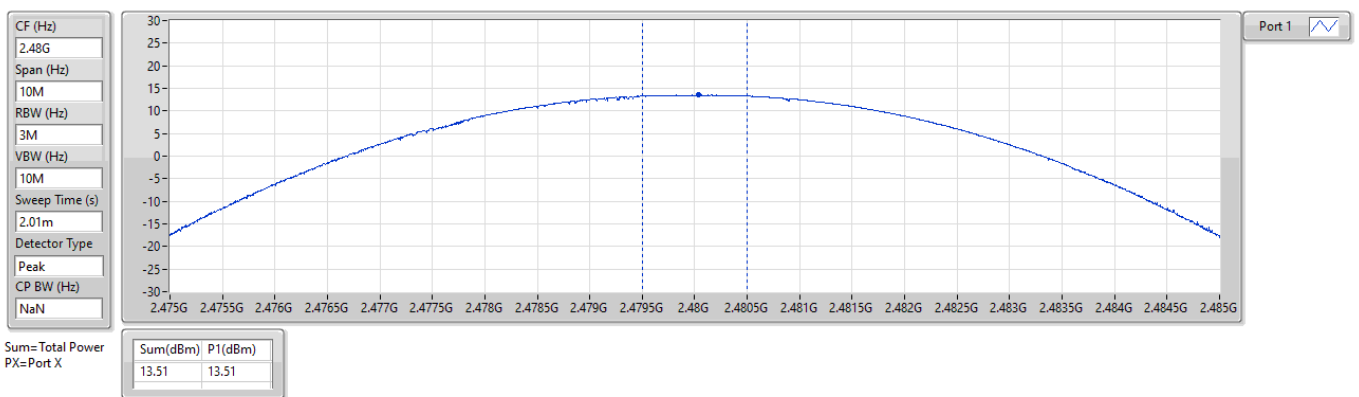


2.4-2.4835GHz_BT-EDR(2Mbps)

PK Power-FS

2480MHz

09/04/2024

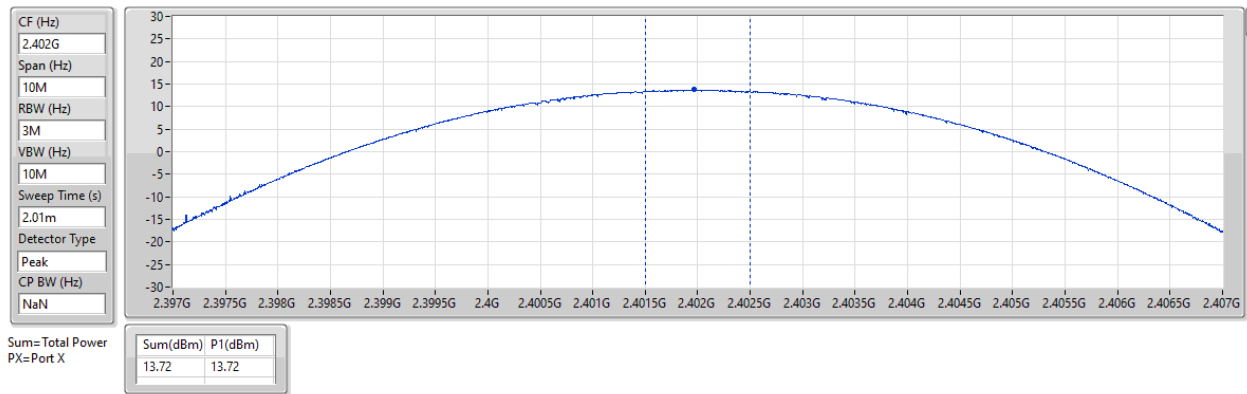


2.4-2.4835GHz_BT-EDR(3Mbps)

PK Power-FS

2402MHz

09/04/2024

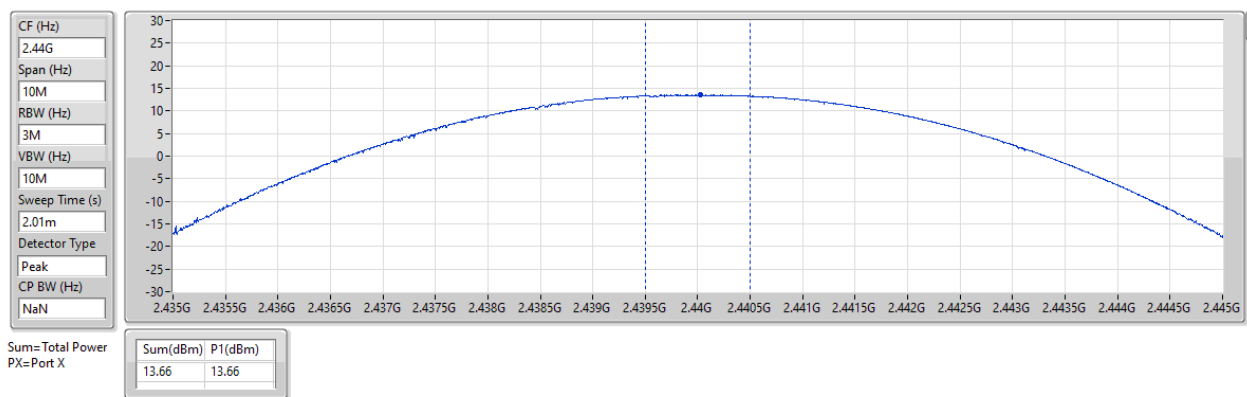


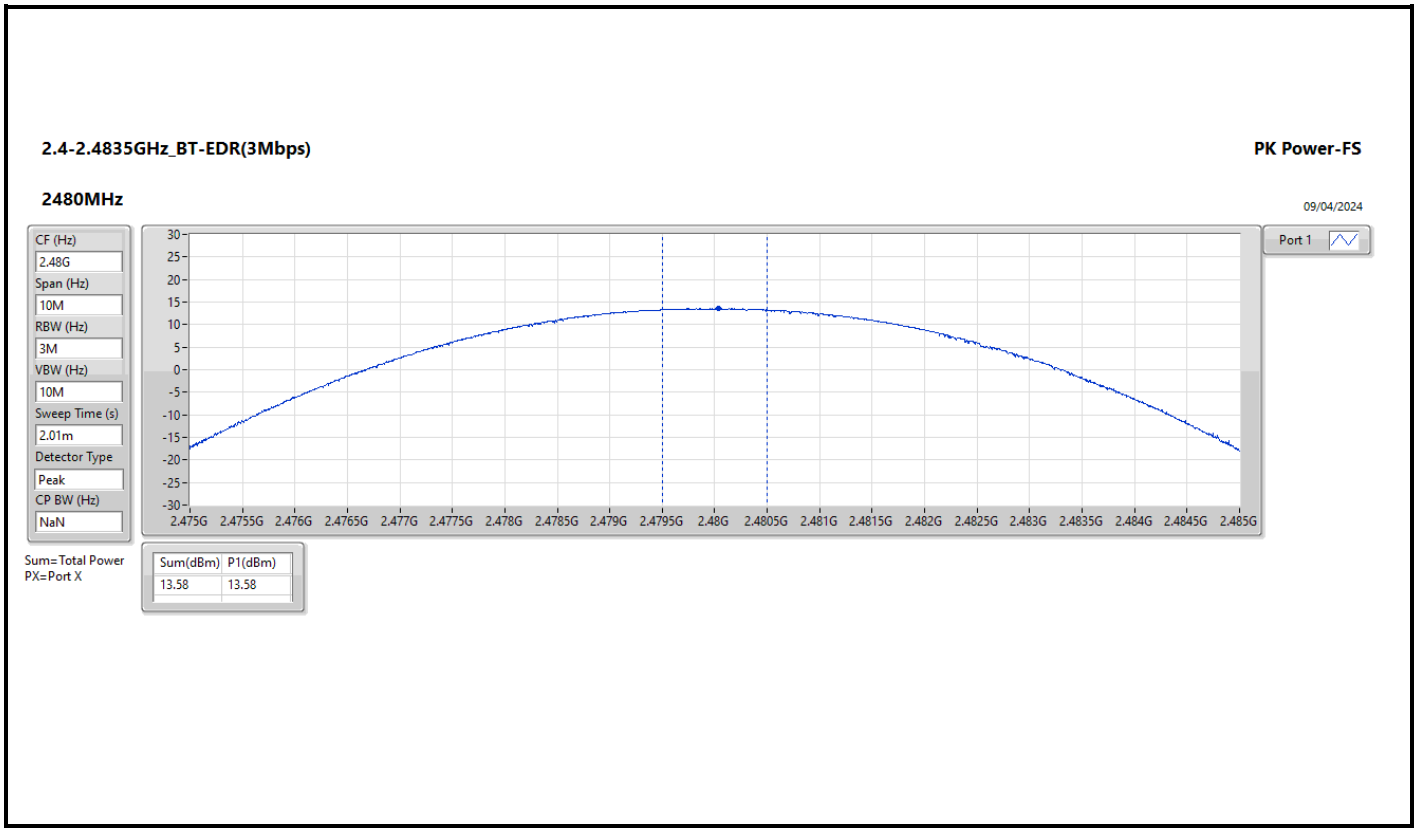
2.4-2.4835GHz_BT-EDR(3Mbps)

PK Power-FS

2440MHz

09/04/2024







Summary

Mode	Max-Hop No
2.4-2.4835GHz	-
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

Result

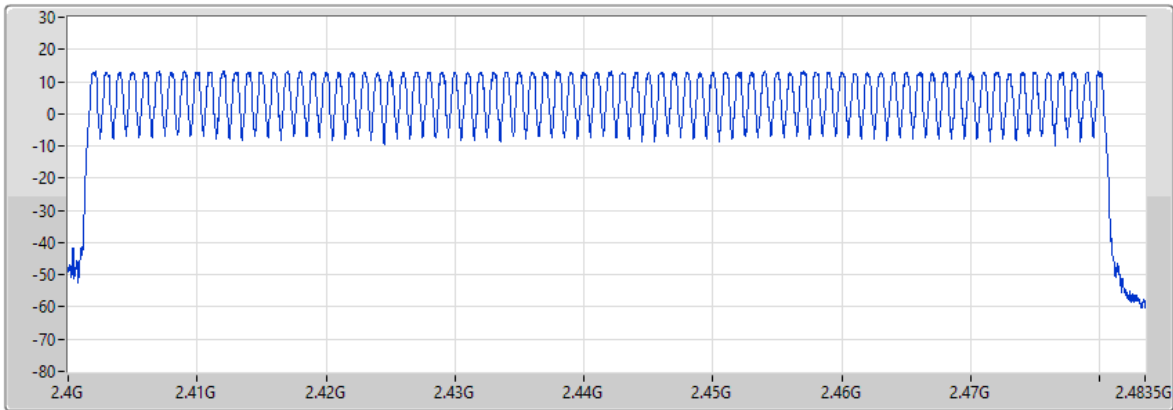
Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2440MHz	Pass	79	15

2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

2440MHz

09/04/2024



Port 1 

Hopping No
79

Span (Hz)
83.5M

RBW (Hz)
100k

VBW (Hz)
300kHz

Sweep (s)
8.01ms

Detector
Peak

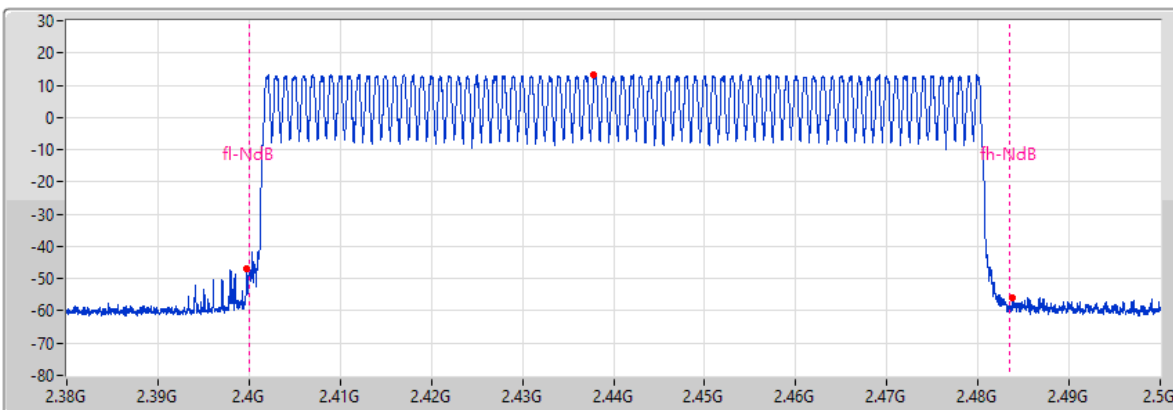
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

09/04/2024



Port 1 

Span (Hz)
120M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep (s)
8.01m

Detector
Peak

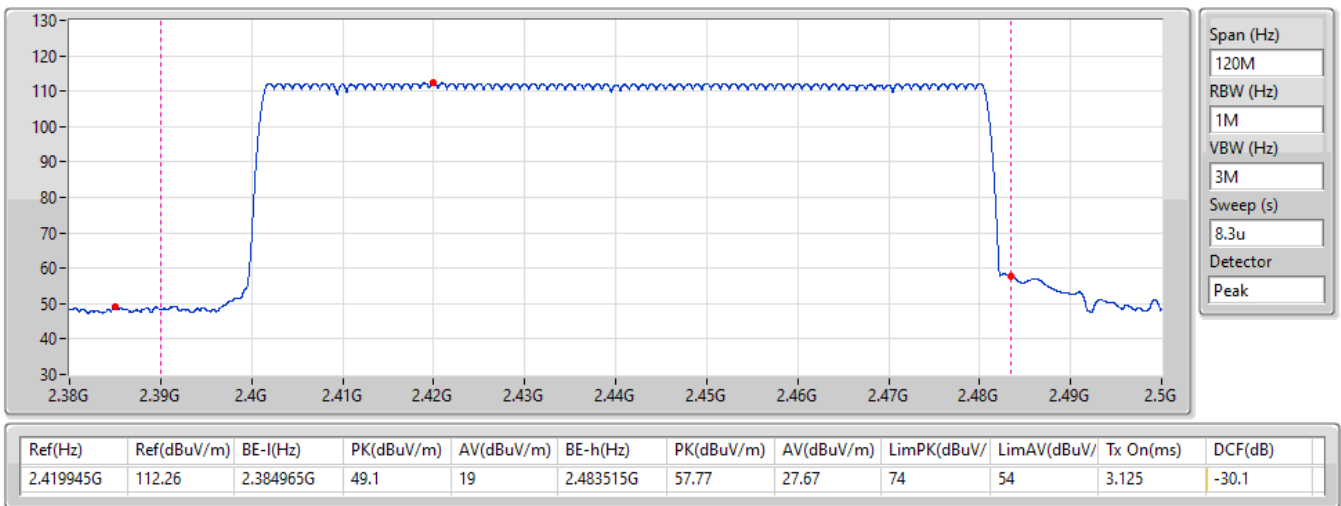
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-6.81	2.43784G	13.19	2.399725G	-47.09	2.483725G	-55.83

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

09/04/2024

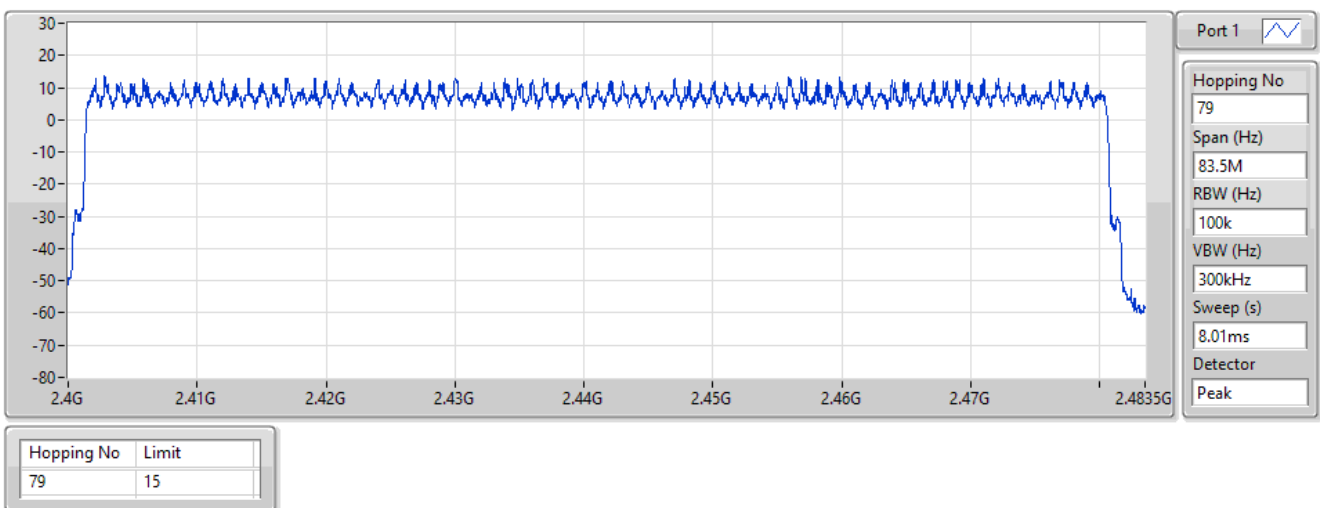


2.4-2.4835GHz_BT-EDR(2Mbps)

Hopping-FS

2440MHz

09/04/2024

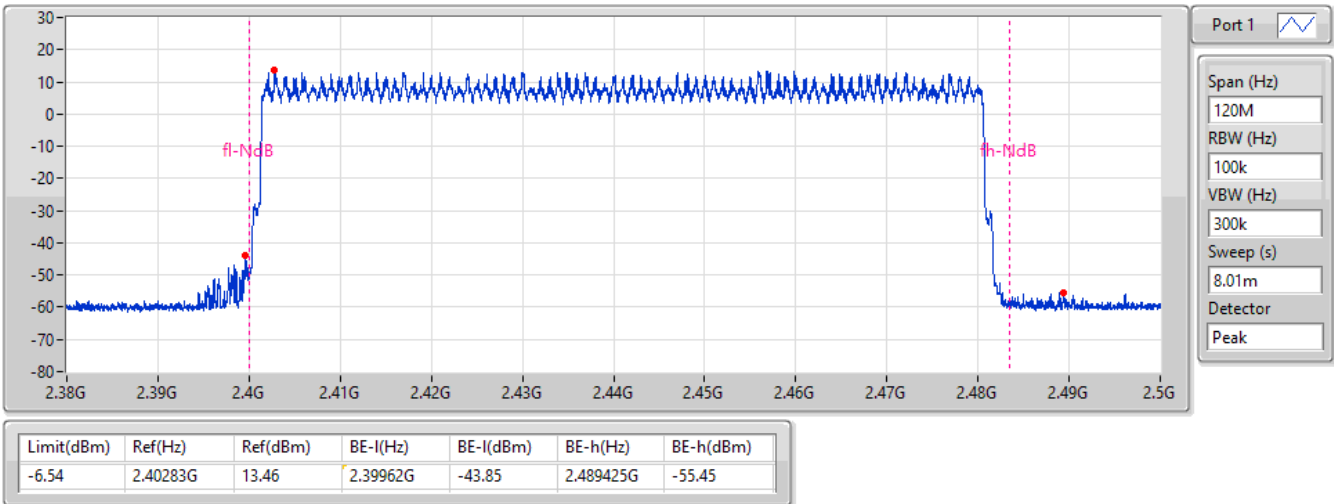


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

09/04/2024

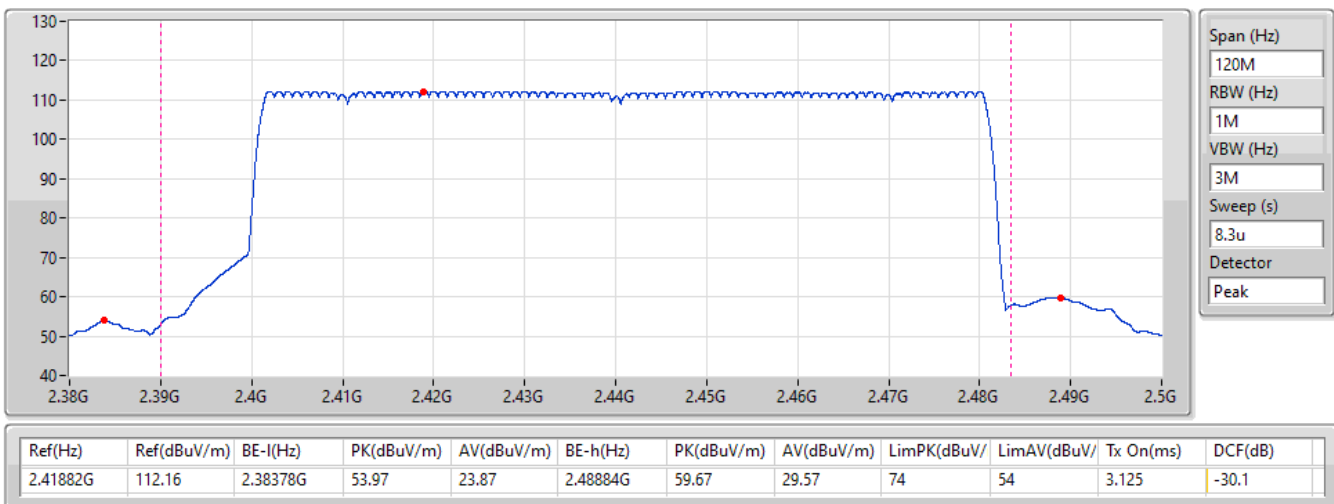


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

09/04/2024

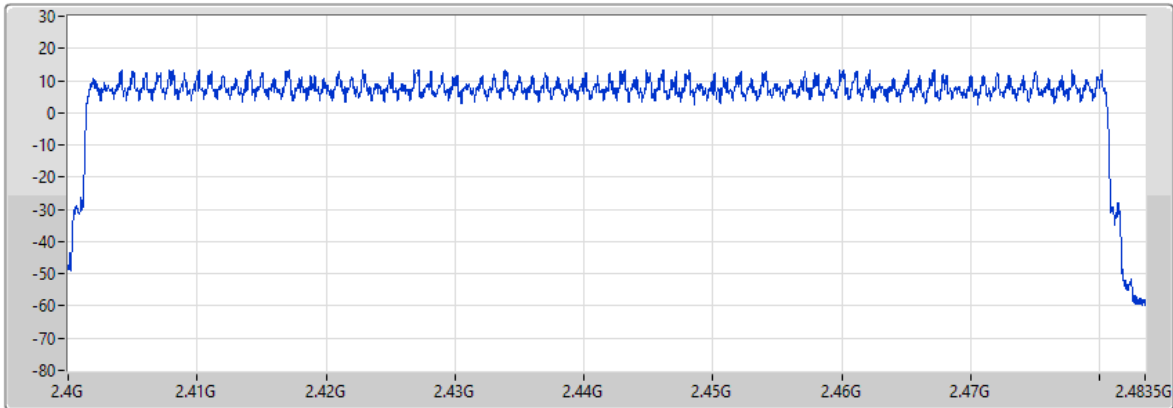


2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

2440MHz

09/04/2024



Port 1 

Hopping No
79

Span (Hz)
83.5M

RBW (Hz)
100k

VBW (Hz)
300kHz

Sweep (s)
8.01ms

Detector
Peak

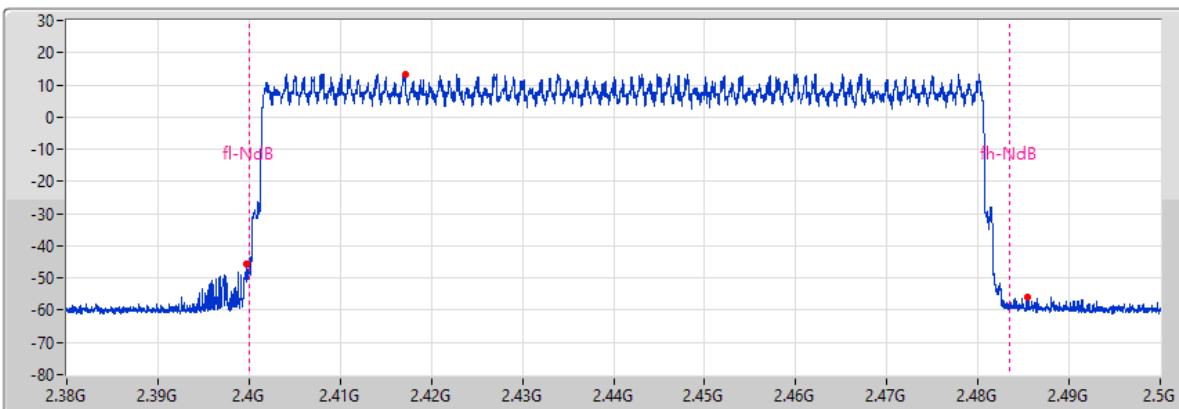
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

09/04/2024



Port 1 

Span (Hz)
120M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep (s)
8.01m

Detector
Peak

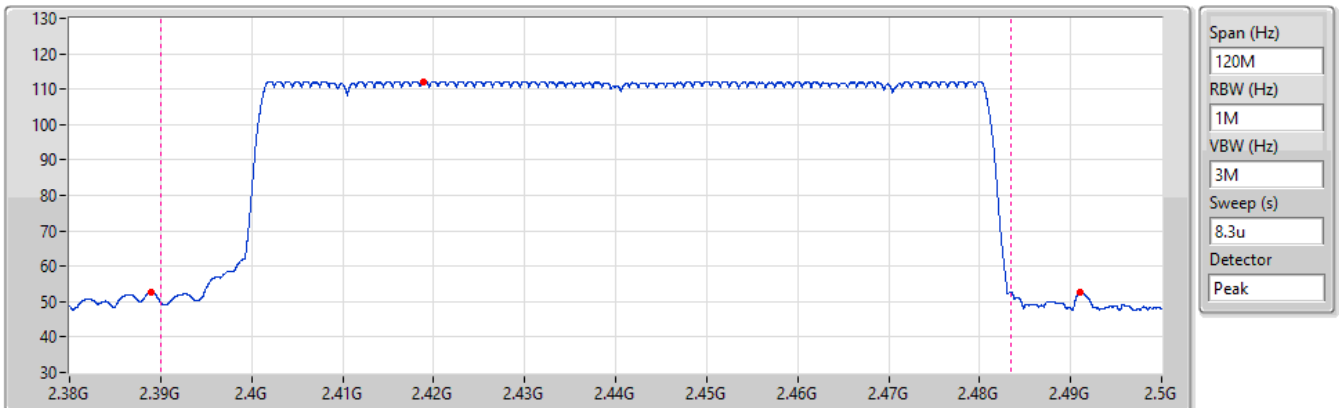
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-6.6	2.417155G	13.4	2.39977G	-45.57	2.485435G	-56.13

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

09/04/2024



Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep (s)
8.3u

Detector
Peak

Ref(Hz)	Ref(dBuV/m)	BE-l(Hz)	PK(dBuV/m)	AV(dBuV/m)	BE-h(Hz)	PK(dBuV/m)	AV(dBuV/m)	LimPK(dBuV/	LimAV(dBuV/	Tx On(ms)	DCF(dB)
2.41882G	112.12	2.388895G	52.69	22.59	2.491075G	52.74	22.64	74	54	3.125	-30.1



Summary

Mode	Max-Dwell (s)
2.4-2.4835GHz	-
BT-BR(1Mbps)	307.35445m
BT-EDR(2Mbps)	307.8075m
BT-EDR(3Mbps)	308.0207m

Result

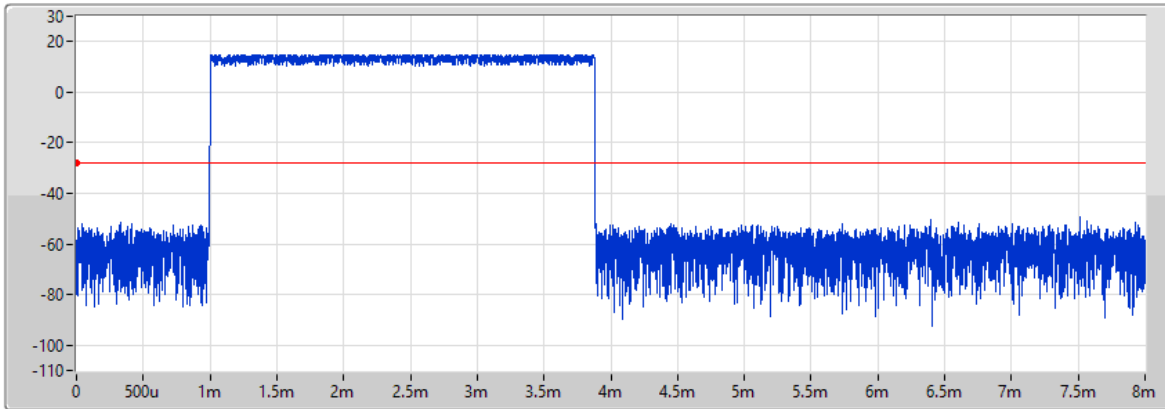
Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	307.35445m_DH5	400m	2.88325m
2440MHz	Pass	8	153.69055m_DH5-AFH	400m	2.8835m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	307.8075m_DH5	400m	2.8875m
2440MHz	Pass	8	153.917075m_DH5-AFH	400m	2.88775m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.0207m_DH5	400m	2.8895m
2440MHz	Pass	8	154.01035m_DH5-AFH	400m	2.8895m

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

09/04/2024



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.88325m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	307.35445m_DH5	400m	2.88325m

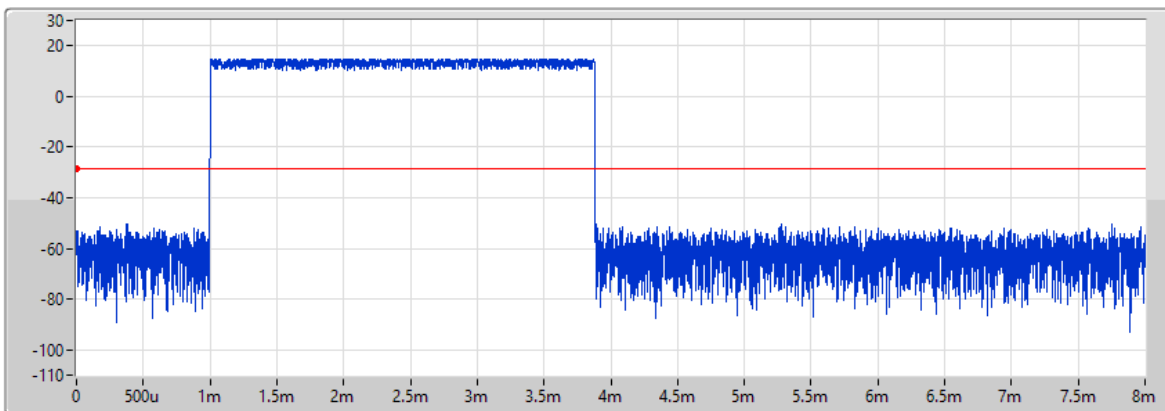
DH5

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

09/04/2024



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.8835m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	153.69055m_DH5-AFH	400m	2.8835m

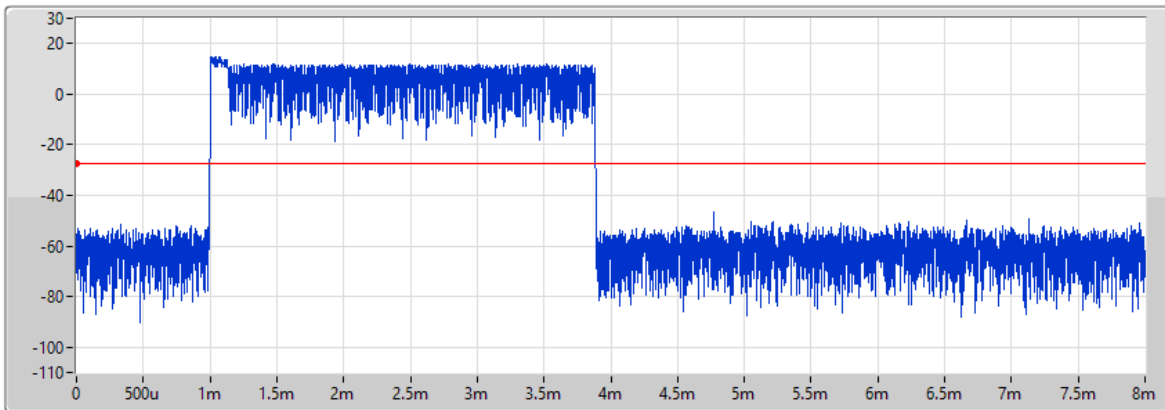
DH5-AFH

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

09/04/2024



DH5

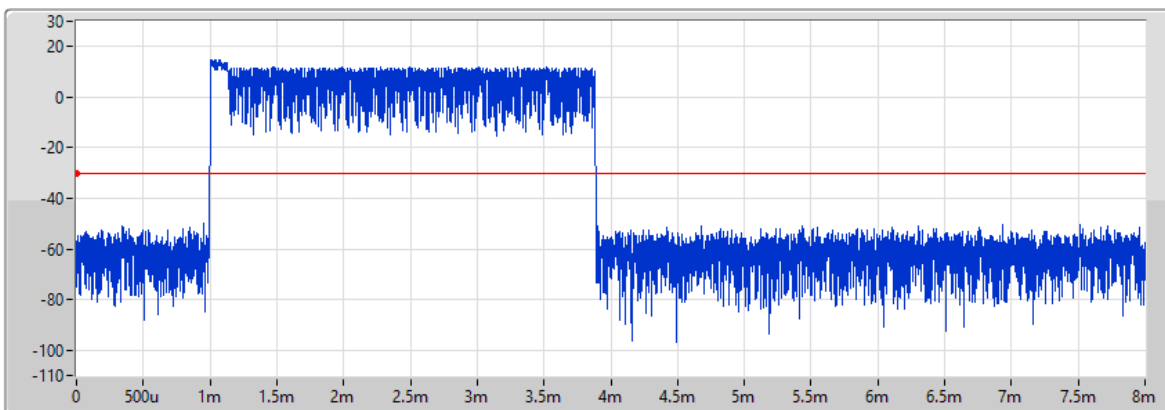
Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	307.8075m_DH5	400m	2.8875m

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

09/04/2024



DH5-AFH

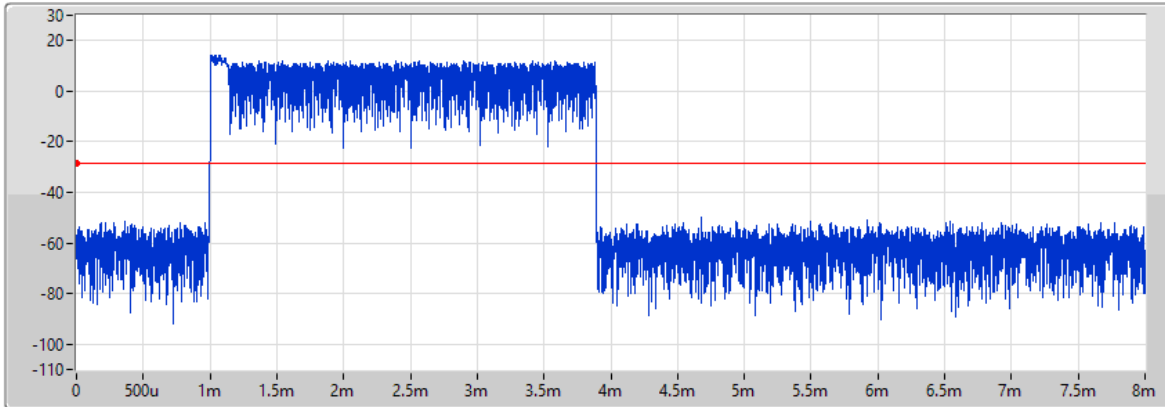
Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	153.917075m_DH5-AFH	400m	2.8875m

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

09/04/2024



Port 1

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.8895m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.0207m_DH5	400m	2.8895m

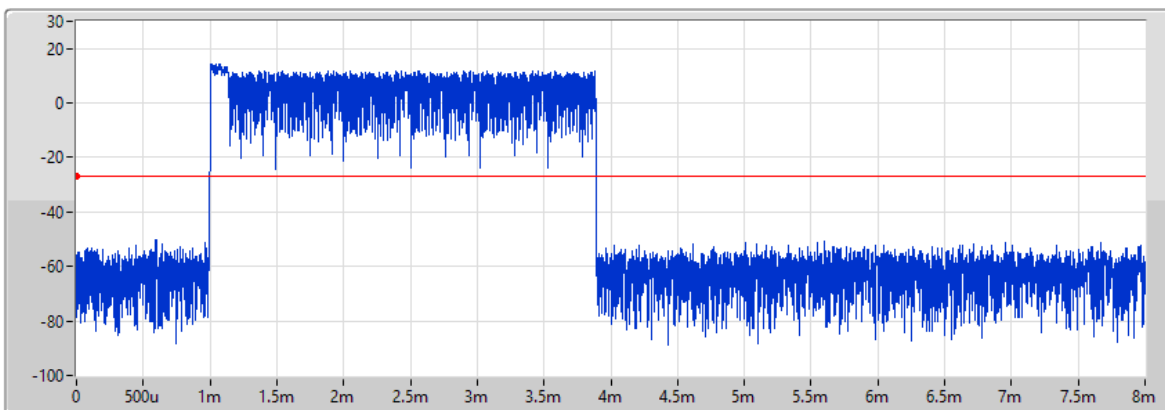
DH5

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

09/04/2024



Port 1

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.8895m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.01035m_DH5-AFH	400m	2.8895m

DH5-AFH

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-BR(1Mbps)	Pass	2.40184G	13.22	-6.78	61.73M	-52.46	2.39984G	-42.30	2.4G	-40.36	2.50334G	-53.88	2.56255G	-47.29	1
BT-EDR(2Mbps)	Pass	2.402G	13.26	-6.74	2.10388G	-51.49	2.39992G	-42.29	2.4G	-40.38	2.50002G	-53.12	23.21153G	-47.71	1
BT-EDR(3Mbps)	Pass	2.402G	13.45	-6.55	35.88M	-52.29	2.4G	-41.71	2.4G	-41.08	2.5015G	-52.89	21.79144G	-47.46	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-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	13.22	-6.78	61.73M	-52.46	2.39984G	-42.30	2.4G	-40.36	2.50334G	-53.88	2.56255G	-47.29	1
2440MHz	Pass	2.43991G	13.07	-6.93	1.8818G	-53.34	2.39304G	-53.93	2.4G	-55.30	2.50138G	-53.43	23.15247G	-48.06	1
2480MHz	Pass	2.48016G	12.88	-7.12	2.0651G	-52.27	2.39196G	-53.29	2.4G	-54.40	2.5027G	-54.34	21.6424G	-47.77	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	13.26	-6.74	2.10388G	-51.49	2.39992G	-42.29	2.4G	-40.38	2.50002G	-53.12	23.21153G	-47.71	1
2440MHz	Pass	2.43991G	13.23	-6.77	1.95348G	-52.11	2.39708G	-53.93	2.4G	-54.58	2.50218G	-52.96	21.62271G	-47.90	1
2480MHz	Pass	2.48016G	12.81	-7.19	1.73258G	-52.46	2.39072G	-53.26	2.4G	-55.01	2.5035G	-53.27	21.55522G	-47.01	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	13.45	-6.55	35.88M	-52.29	2.4G	-41.71	2.4G	-41.08	2.5015G	-52.89	21.79144G	-47.46	1
2440MHz	Pass	2.43991G	12.91	-7.09	2.16145G	-51.42	2.3976G	-52.80	2.4G	-54.26	2.50266G	-53.77	21.56647G	-47.42	1
2480MHz	Pass	2.48016G	13.25	-6.75	2.12855G	-53.06	2.39356G	-52.86	2.4G	-54.45	2.50134G	-53.14	21.97141G	-46.64	1

2.4-2.4835GHz_BT-BR(1Mbps)

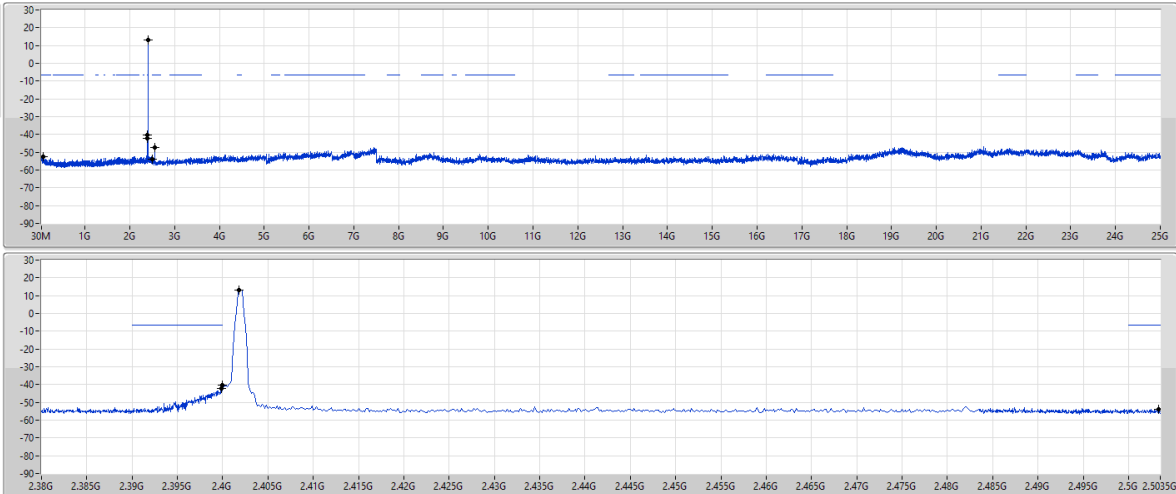
CSENdB-FS

2402MHz

09/04/2024

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

Port 1



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
2.40184G	13.22	-6.78	61.73M	-52.46	2.39984G	-42.30	2.4G	-40.36	2.50334G	-53.88	2.56255G	-47.29	1

2.4-2.4835GHz_BT-BR(1Mbps)

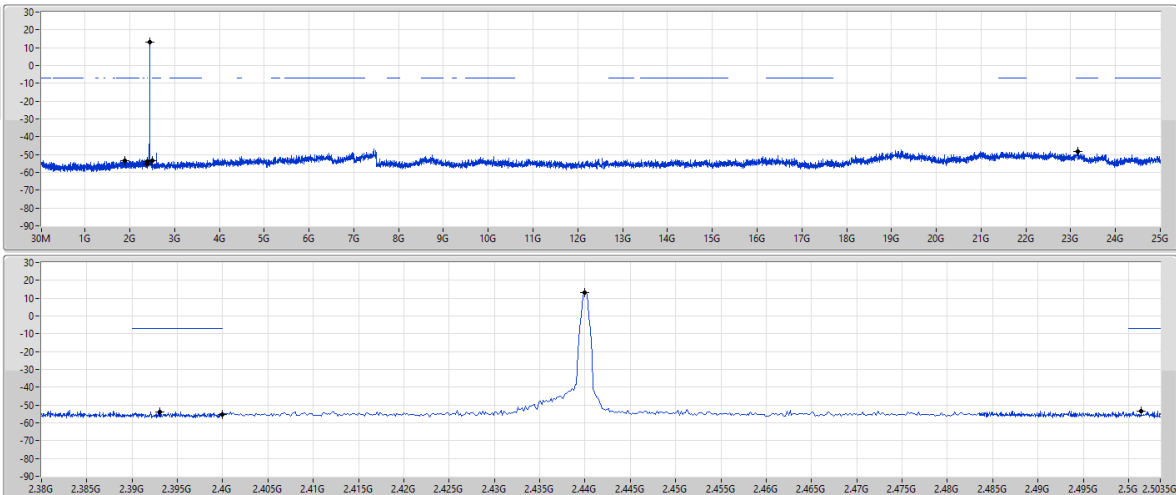
CSENdB-FS

2440MHz

09/04/2024

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

Port 1



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
2.43991G	13.07	-6.93	1.8818G	-53.34	2.39304G	-53.93	2.4G	-55.30	2.50138G	-53.43	2.515247G	-48.06	1

2.4-2.4835GHz_BT-BR(1Mbps)

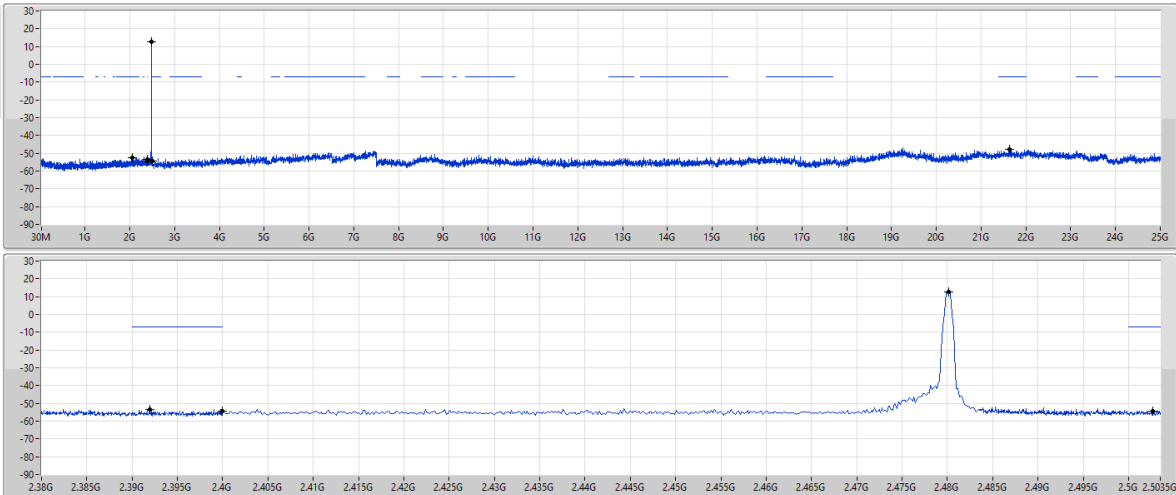
CSEndB-FS

2480MHz

09/04/2024

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

Port 1



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	12.88	-7.12	2.0651G	-52.27	2.39196G	-53.29	2.4G	-54.40	2.5027G	-54.34	21.6424G	-47.77	1

2.4-2.4835GHz_BT-EDR(2Mbps)

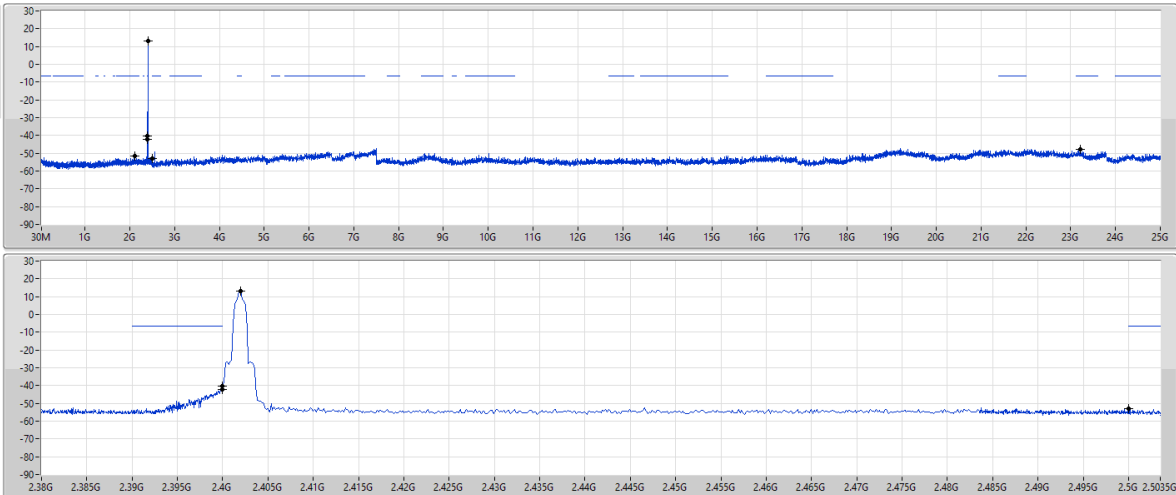
CSEndB-FS

2402MHz

09/04/2024

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

Port 1

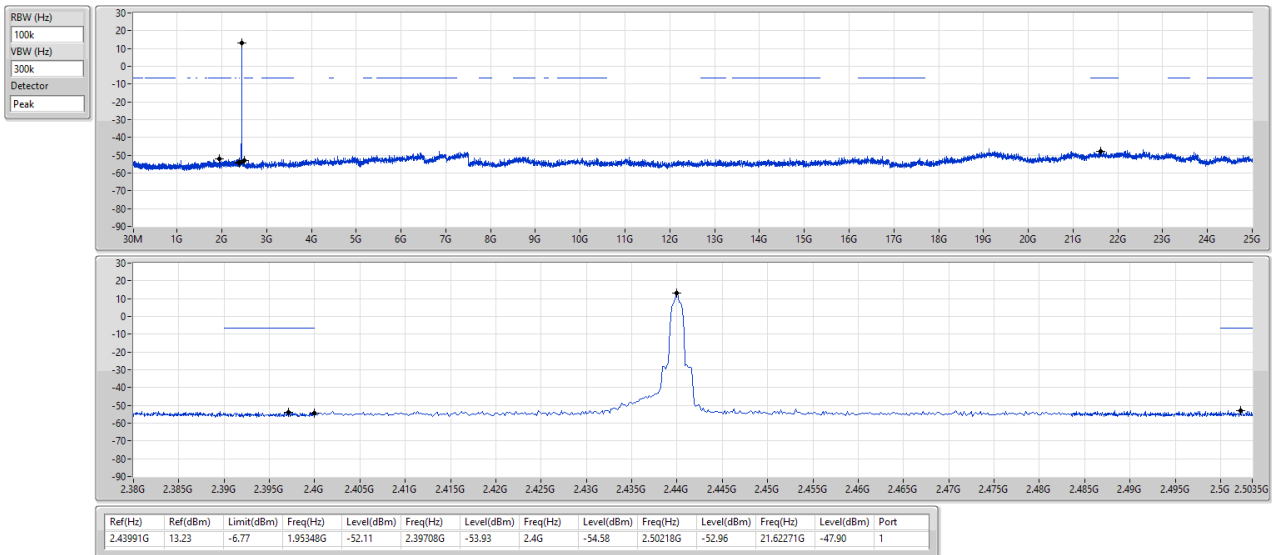


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.402G	13.26	-6.74	2.10388G	-51.49	2.39992G	-42.29	2.4G	-40.38	2.50002G	-53.12	23.21153G	-47.71	1

2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

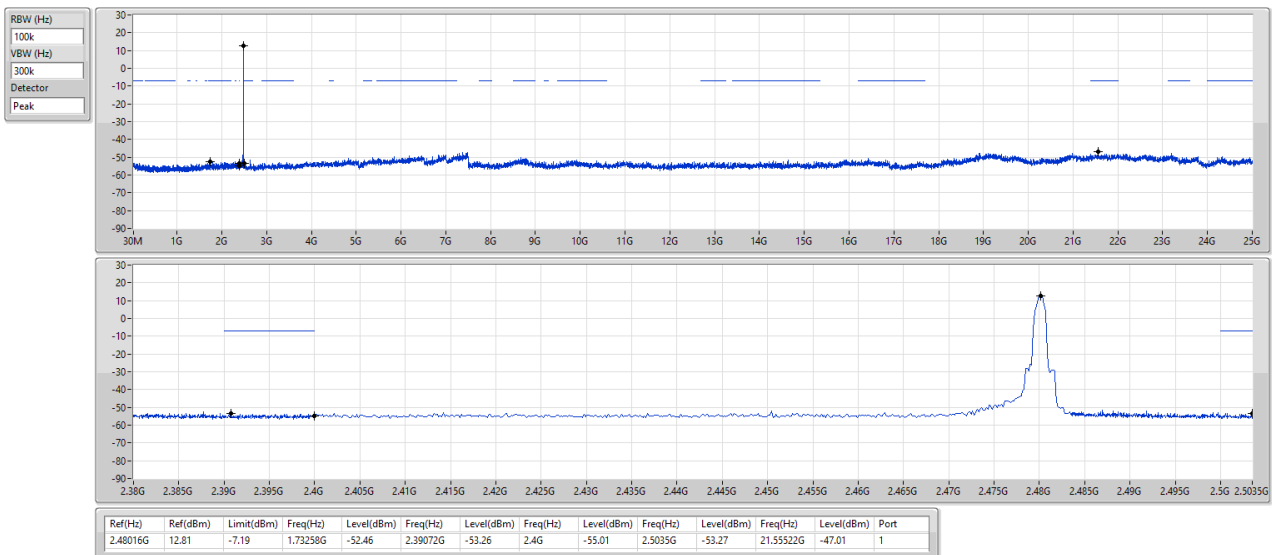
2440MHz



2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

2480MHz



2.4-2.4835GHz_BT-EDR(3Mbps)

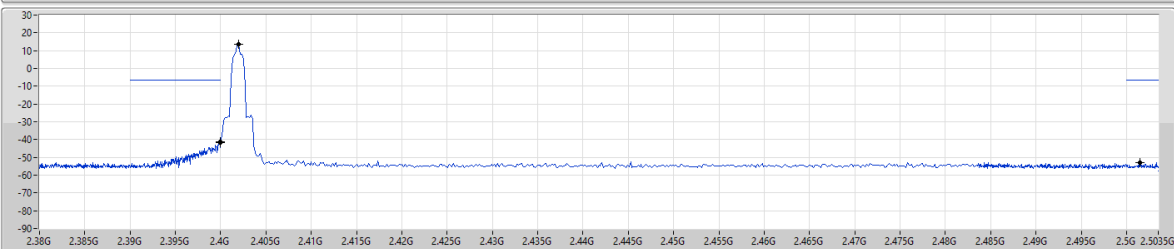
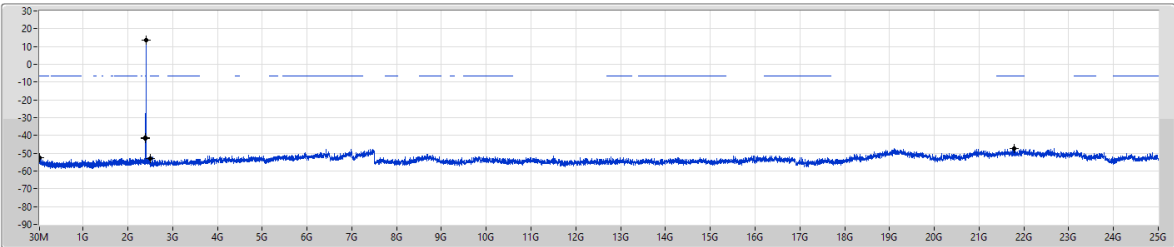
CSEndB-FS

2402MHz

09/04/2024

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

Port 1



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
2.402G	13.45	-6.55	35.88M	-52.29	2.4G	-41.71	2.4G	-41.08	2.5015G	-52.89	21.79144G	-47.46	1

2.4-2.4835GHz_BT-EDR(3Mbps)

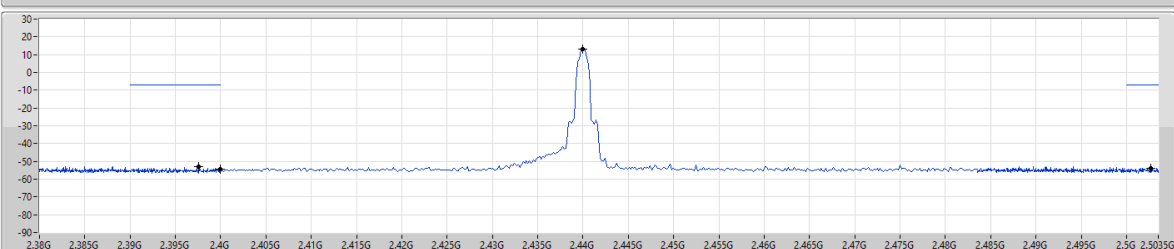
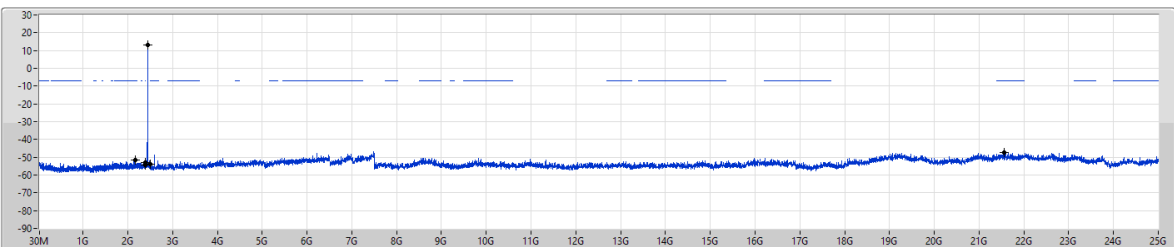
CSEndB-FS

2440MHz

09/04/2024

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

Port 1



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
2.43991G	12.91	-7.09	2.16145G	-51.42	2.3976G	-52.80	2.4G	-54.26	2.50266G	-53.77	21.56647G	-47.42	1

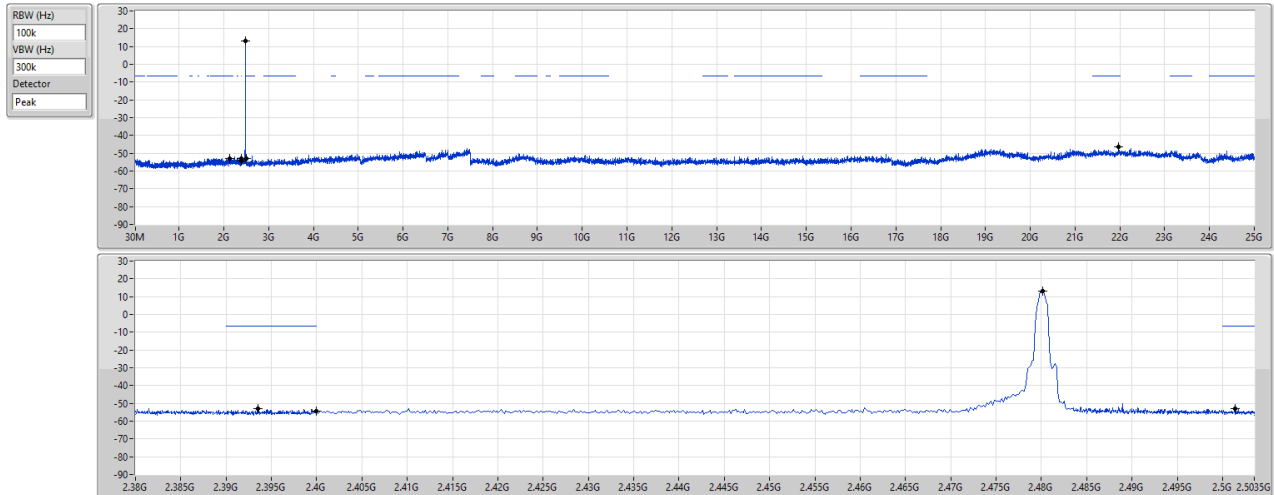
2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

2480MHz

09/04/2024

Port 1



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	13.25	-6.75	2.12855G	-53.06	2.39356G	-52.86	2.4G	-54.45	2.50134G	-53.14	21.97141G	-46.64	1



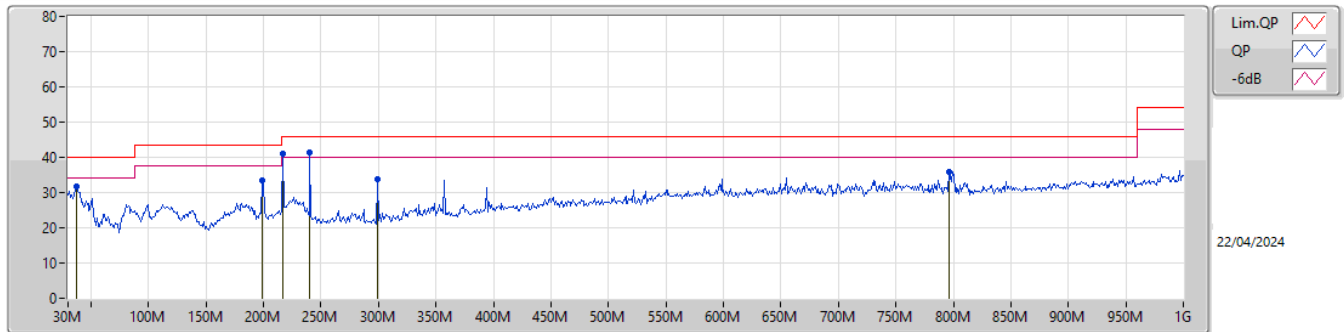
Radiated Emissions below 1GHz

Appendix G.1

Summary

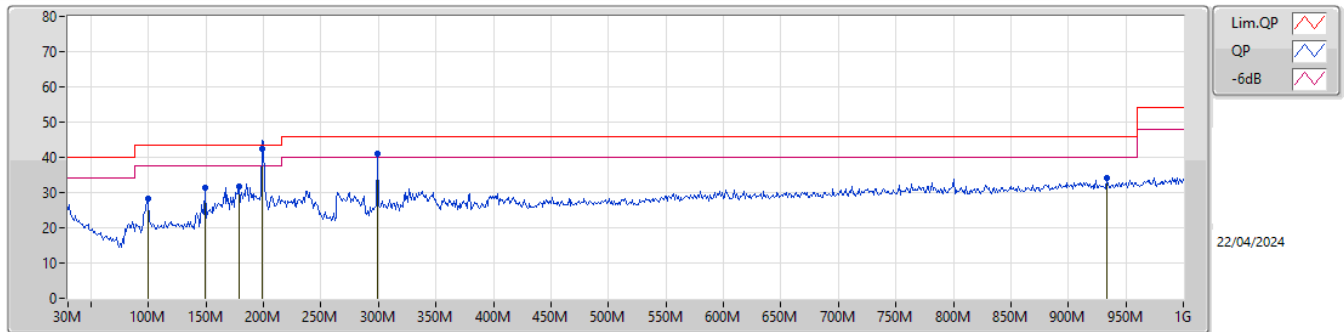
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	QP	198.78M	42.38	43.50	-1.12	Horizontal

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)		
PK	37.76M	31.57	40.00	-8.43	-10.34	3	Vertical	311	1.00	-	41.91	20.27	1.13	31.74		
PK	198.78M	33.51	43.50	-9.99	-14.30	3	Vertical	291	3.00	-	47.81	15.22	2.49	32.01		
PK	217.21M	40.94	46.00	-5.06	-14.46	3	Vertical	34	1.25	-	55.40	14.95	2.61	32.02		
PK	240.49M	41.54	46.00	-4.46	-12.04	3	Vertical	225	1.25	"Worst"	53.58	17.22	2.77	32.03		
PK	299.66M	33.84	46.00	-12.16	-9.87	3	Vertical	122	1.25	-	43.71	19.12	3.13	32.12		
PK	796.3M	35.95	46.00	-10.05	-1.31	3	Vertical	330	1.00	-	37.26	25.90	5.42	32.63		

Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)		
PK	99.84M	28.44	43.50	-15.06	-13.42	3	Horizontal	206	3.00	-	41.86	16.77	1.75	31.94		
PK	149.31M	31.42	43.50	-12.08	-13.38	3	Horizontal	360	2.00	-	44.80	16.49	2.14	32.01		
PK	178.41M	31.84	43.50	-11.66	-14.30	3	Horizontal	360	2.00	-	46.14	15.35	2.36	32.01		
QP	198.78M	42.38	43.50	-1.12	-14.30	3	Horizontal	196	2.00	"Worst"	56.68	15.22	2.49	32.01		
PK	299.66M	41.08	46.00	-4.92	-9.87	3	Horizontal	156	1.50	-	50.95	19.12	3.13	32.12		
PK	933.07M	34.04	46.00	-11.96	-0.16	3	Horizontal	197	1.00	-	34.20	26.43	5.93	32.52		

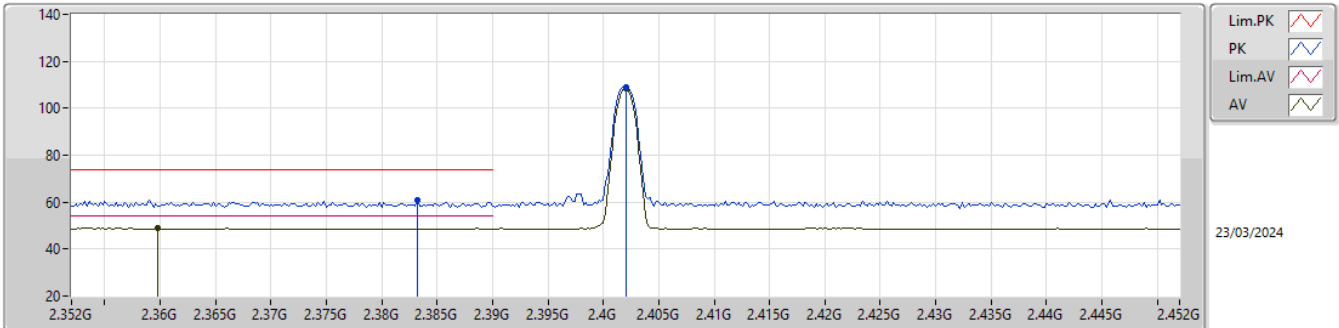


Summary

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-BR(1Mbps)	Pass	AV	2.488G	49.12	54.00	-4.88	3	Vertical	309	1.36	-

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz_TX

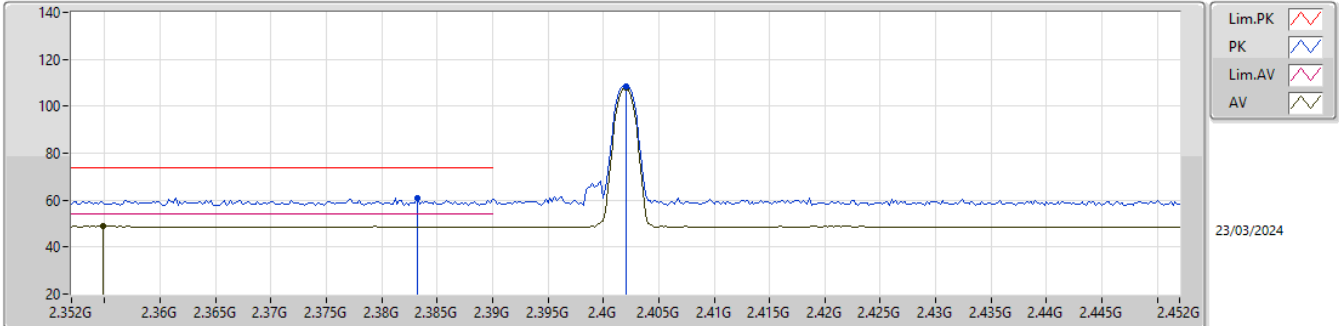


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.3832G	60.76	74.00	-13.24	28.41	3	Vertical	129	2.60	-	27.70	4.65	-			
AV	2.3598G	48.97	54.00	-5.03	16.46	3	Vertical	129	2.60	-	27.90	4.61	-			
PK	2.402G	108.91	Inf	-Inf	76.56	3	Vertical	129	2.60	-	27.68	4.67	-			
AV	2.402G	108.43	Inf	-Inf	76.08	3	Vertical	129	2.60	-	27.68	4.67	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz_TX

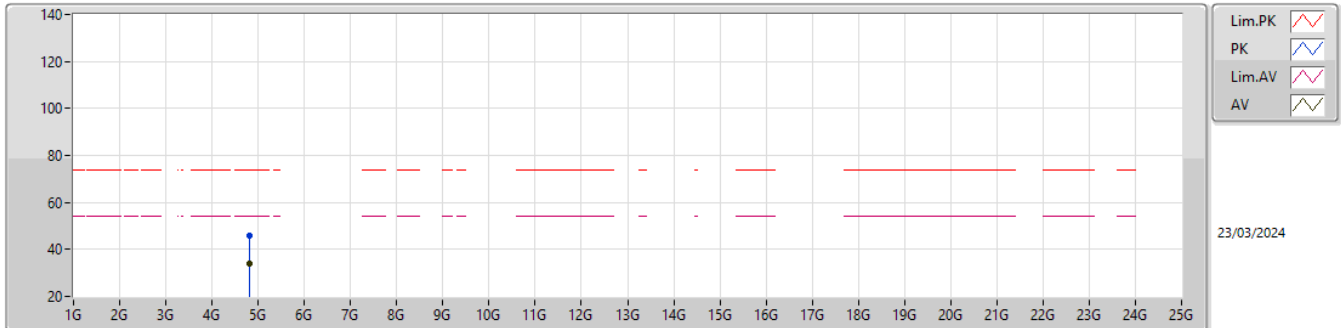


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.3832G	60.90	74.00	-13.10	28.55	3	Horizontal	306	2.83	-	27.70	4.65	-				
AV	2.3548G	48.99	54.00	-5.01	16.44	3	Horizontal	306	2.83	-	27.95	4.60	-				
PK	2.402G	108.61	Inf	-Inf	76.26	3	Horizontal	306	2.83	-	27.68	4.67	-				
AV	2.402G	108.14	Inf	-Inf	75.79	3	Horizontal	306	2.83	-	27.68	4.67	-				

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz_TX

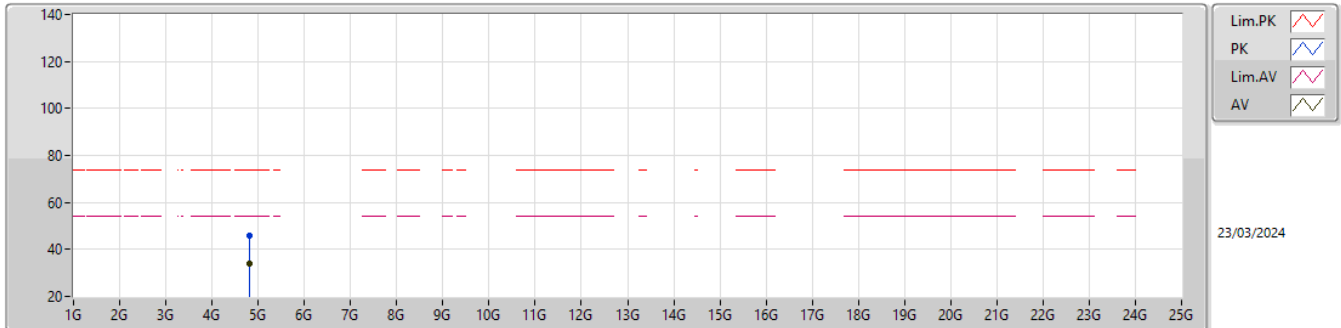


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.80178G	45.93	74.00	-28.07	40.69	3	Vertical	354	2.53	-	31.30	6.91	32.97			
AV	4.8015G	33.97	54.00	-20.03	28.73	3	Vertical	354	2.53	-	31.30	6.91	32.97			

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz_TX

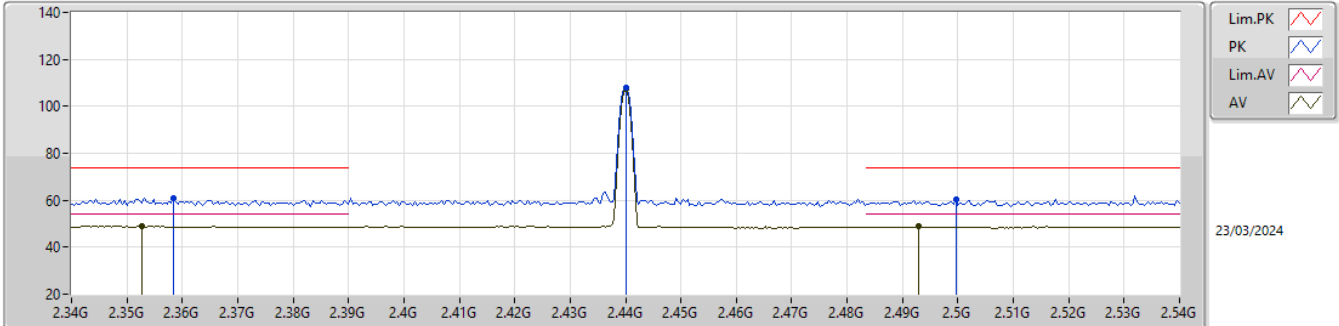


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.80487G	45.92	74.00	-28.08	40.68	3	Horizontal	162	2.95	-	31.30	6.91	32.97			
AV	4.80571G	34.08	54.00	-19.92	28.83	3	Horizontal	162	2.95	-	31.30	6.92	32.97			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

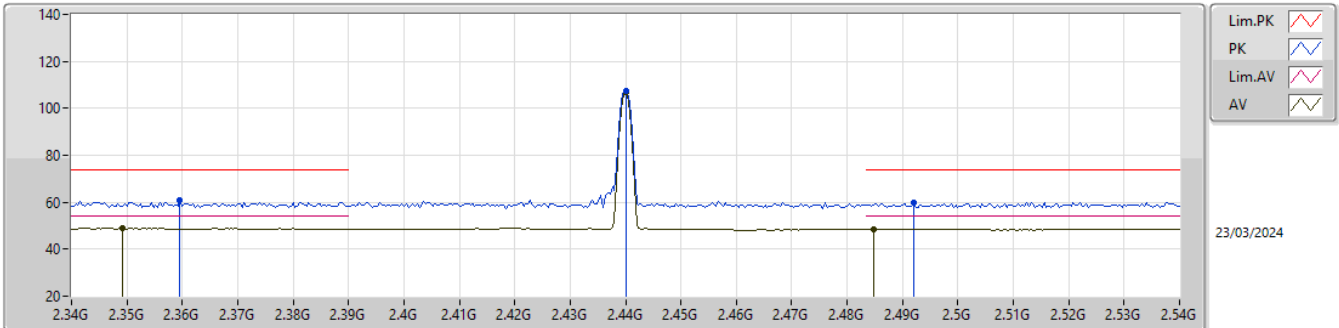


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.3584G	60.99	74.00	-13.01	28.46	3	Vertical	132	1.76	-	27.92	4.61	-			
AV	2.3528G	49.01	54.00	-4.99	16.44	3	Vertical	132	1.76	-	27.97	4.60	-			
PK	2.44G	107.84	Inf	-Inf	75.70	3	Vertical	132	1.76	-	27.50	4.64	-			
AV	2.44G	107.37	Inf	-Inf	75.23	3	Vertical	132	1.76	-	27.50	4.64	-			
PK	2.4996G	60.40	74.00	-13.60	28.31	3	Vertical	132	1.76	-	27.50	4.59	-			
AV	2.4928G	48.83	54.00	-5.17	16.74	3	Vertical	132	1.76	-	27.50	4.59	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

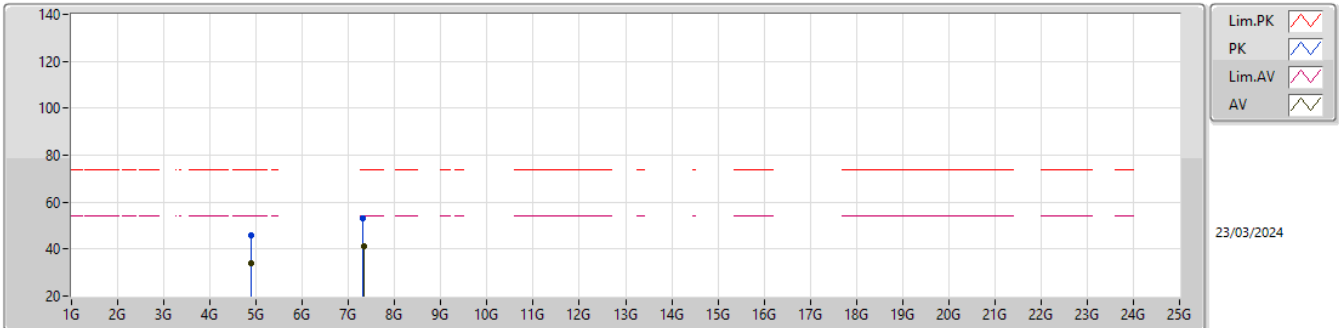


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.3596G	60.69	74.00	-13.31	28.18	3	Horizontal	303	3.00	-	27.90	4.61	-			
AV	2.3492G	49.03	54.00	-4.97	16.43	3	Horizontal	303	3.00	-	28.00	4.60	-			
PK	2.44G	107.39	Inf	-Inf	75.25	3	Horizontal	303	3.00	-	27.50	4.64	-			
AV	2.44G	106.90	Inf	-Inf	74.76	3	Horizontal	303	3.00	-	27.50	4.64	-			
PK	2.492G	59.79	74.00	-14.21	27.70	3	Horizontal	303	3.00	-	27.50	4.59	-			
AV	2.4848G	48.56	54.00	-5.44	16.46	3	Horizontal	303	3.00	-	27.50	4.60	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

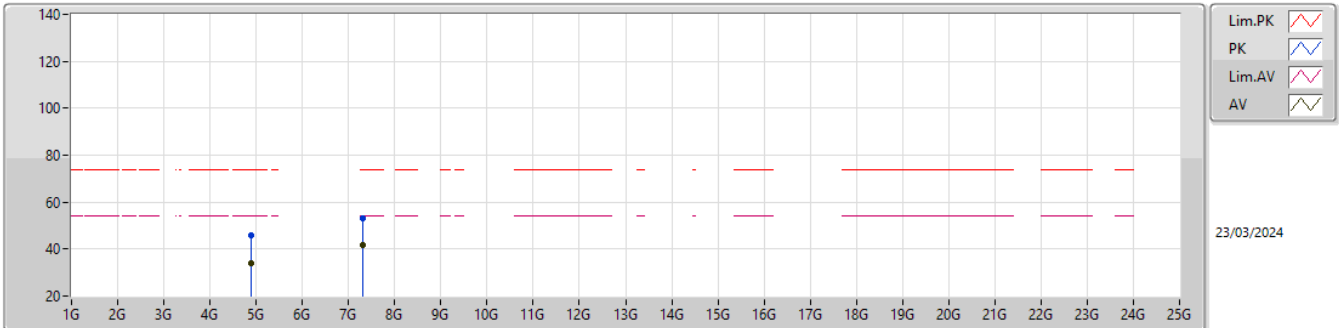


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.88118G	45.90	74.00	-28.10	40.57	3	Vertical	69	1.48	-	31.30	6.99	32.96			
AV	4.88055G	33.87	54.00	-20.13	28.54	3	Vertical	69	1.48	-	31.30	6.99	32.96			
PK	7.31784G	53.03	74.00	-20.97	41.28	3	Vertical	288	2.84	-	36.23	8.63	33.11			
AV	7.32213G	41.34	54.00	-12.66	29.60	3	Vertical	288	2.84	-	36.21	8.64	33.11			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

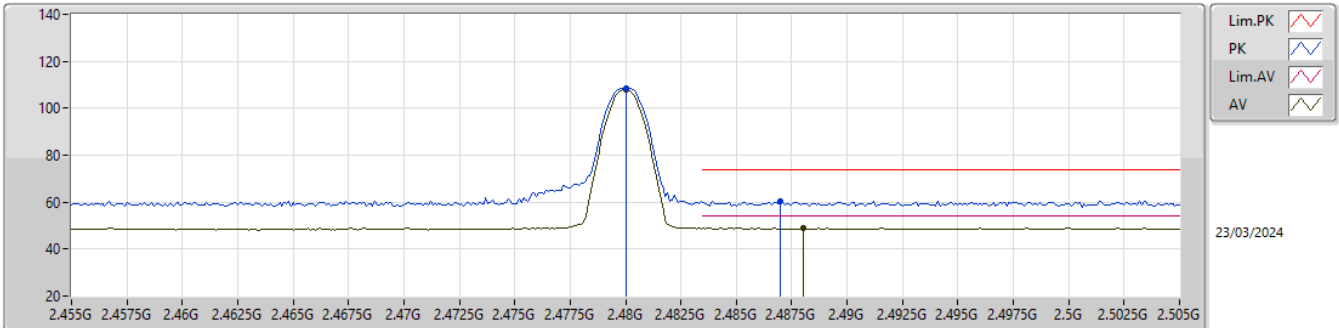


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.88217G	46.05	74.00	-27.95	40.72	3	Horizontal	328	2.27	-	31.30	6.99	32.96			
AV	4.8794G	33.78	54.00	-20.22	28.45	3	Horizontal	328	2.27	-	31.30	6.99	32.96			
PK	7.32035G	53.31	74.00	-20.69	41.57	3	Horizontal	217	1.53	-	36.22	8.63	33.11			
AV	7.3208G	41.48	54.00	-12.52	29.74	3	Horizontal	217	1.53	-	36.22	8.63	33.11			

2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX

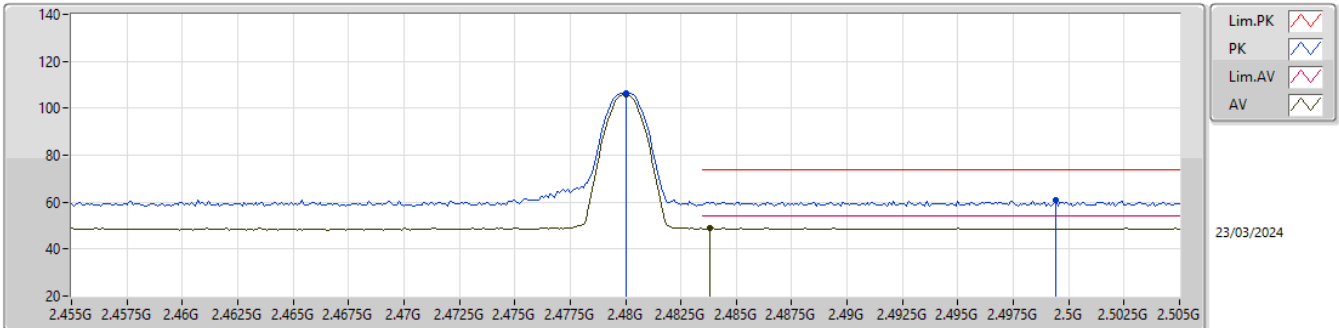


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.48G	108.34	Inf	-Inf	76.24	3	Vertical	309	1.36	-	27.50	4.60	-				
AV	2.48G	107.94	Inf	-Inf	75.84	3	Vertical	309	1.36	-	27.50	4.60	-				
PK	2.487G	60.49	74.00	-13.51	28.39	3	Vertical	309	1.36	-	27.50	4.60	-				
AV	2.488G	49.12	54.00	-4.88	17.02	3	Vertical	309	1.36	-	27.50	4.60	-				

2.4-2.4835GHz_BT-BR(1Mbps)

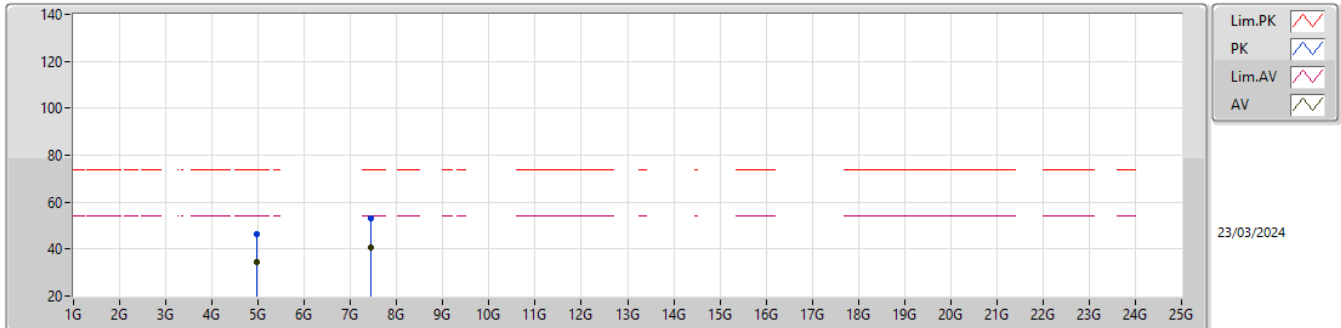
2480MHz_TX


EUT_Z_1TX
Setting 12/0
01-R-K-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	2.48G	106.37	Inf	-Inf	74.27	3	Horizontal	298	2.96	-	27.50	4.60	-			
AV	2.48G	105.95	Inf	-Inf	73.85	3	Horizontal	298	2.96	-	27.50	4.60	-			
PK	2.4994G	61.11	74.00	-12.89	29.02	3	Horizontal	298	2.96	-	27.50	4.59	-			
AV	2.4838G	48.84	54.00	-5.16	16.74	3	Horizontal	298	2.96	-	27.50	4.60	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX

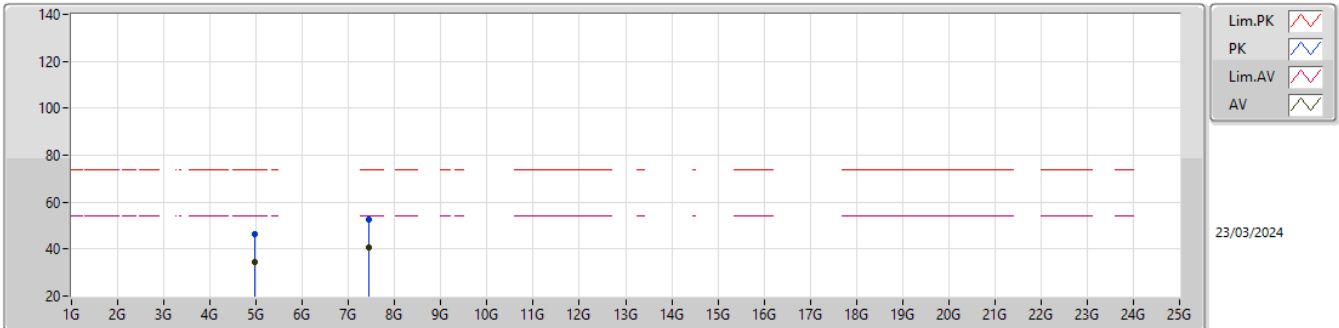


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.96174G	46.50	74.00	-27.50	40.82	3	Vertical	178	1.66	-	31.55	7.07	32.94			
AV	4.96225G	34.28	54.00	-19.72	28.60	3	Vertical	178	1.66	-	31.55	7.07	32.94			
PK	7.44234G	52.95	74.00	-21.05	41.01	3	Vertical	3	2.81	-	36.35	8.73	33.14			
AV	7.43939G	40.83	54.00	-13.17	28.90	3	Vertical	3	2.81	-	36.34	8.73	33.14			

2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX

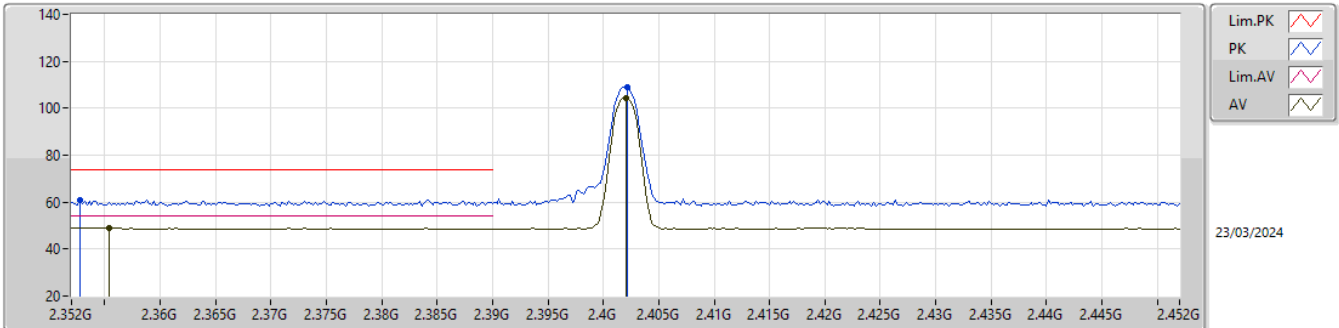


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.96134G	46.23	74.00	-27.77	40.55	3	Horizontal	73	1.63	-	31.55	7.07	32.94			
AV	4.95781G	34.33	54.00	-19.67	28.67	3	Horizontal	73	1.63	-	31.53	7.07	32.94			
PK	7.43806G	52.75	74.00	-21.25	40.83	3	Horizontal	336	2.64	-	36.33	8.73	33.14			
AV	7.43782G	40.84	54.00	-13.16	28.92	3	Horizontal	336	2.64	-	36.33	8.73	33.14			

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

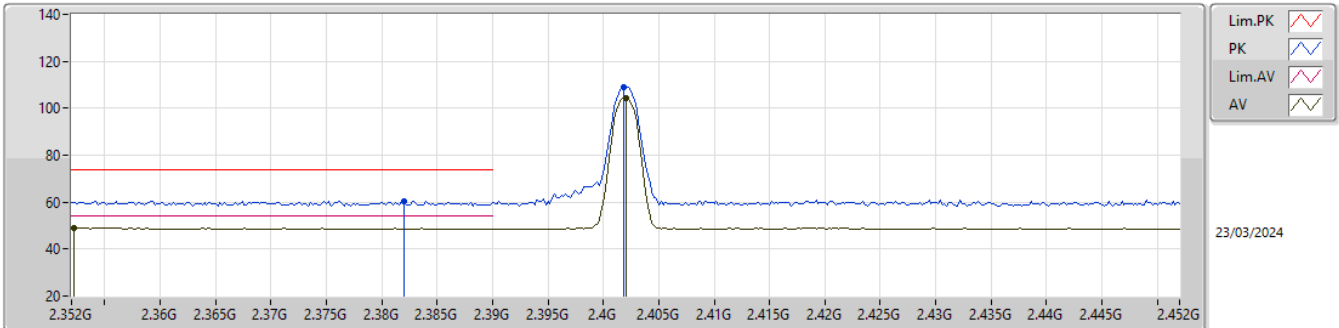


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.3528G	60.80	74.00	-13.20	28.23	3	Vertical	130	2.60	-	27.97	4.60	-				
AV	2.3554G	49.01	54.00	-4.99	16.45	3	Vertical	130	2.60	-	27.95	4.61	-				
PK	2.4022G	108.83	Inf	-Inf	76.48	3	Vertical	130	2.60	-	27.68	4.67	-				
AV	2.402G	104.38	Inf	-Inf	72.03	3	Vertical	130	2.60	-	27.68	4.67	-				

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

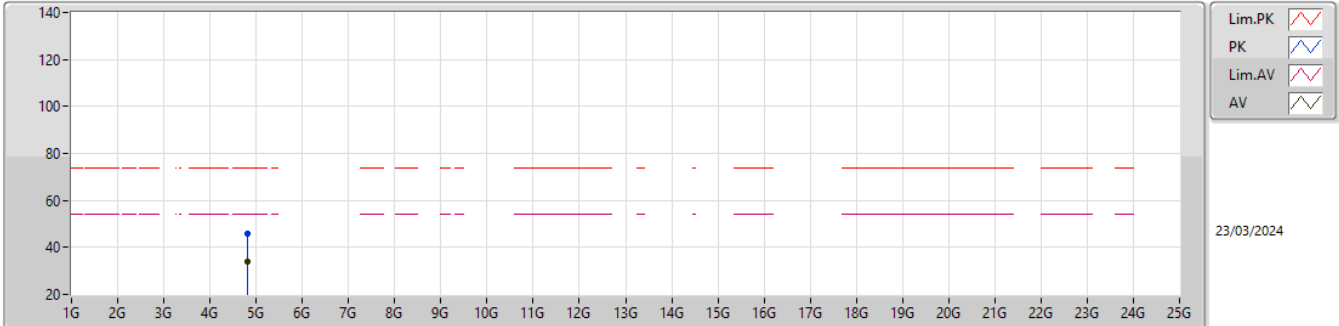


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.382G	60.60	74.00	-13.40	28.26	3	Horizontal	305	2.83	-	27.70	4.64	-				
AV	2.352G	49.02	54.00	-4.98	16.44	3	Horizontal	305	2.83	-	27.98	4.60	-				
PK	2.4018G	108.77	Inf	-Inf	76.42	3	Horizontal	305	2.83	-	27.68	4.67	-				
AV	2.402G	104.31	Inf	-Inf	71.96	3	Horizontal	305	2.83	-	27.68	4.67	-				

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

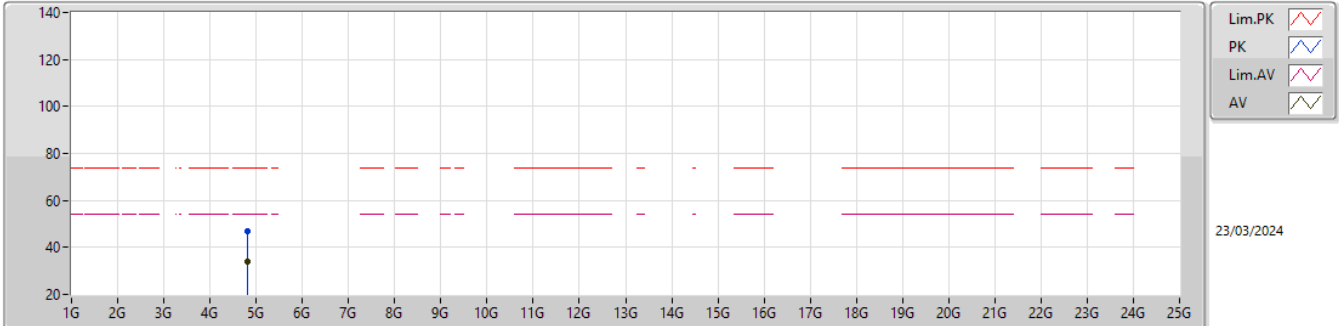


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.80473G	45.86	74.00	-28.14	40.62	3	Vertical	61	1.70	-	31.30	6.91	32.97			
AV	4.80506G	33.99	54.00	-20.01	28.74	3	Vertical	61	1.70	-	31.30	6.92	32.97			

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

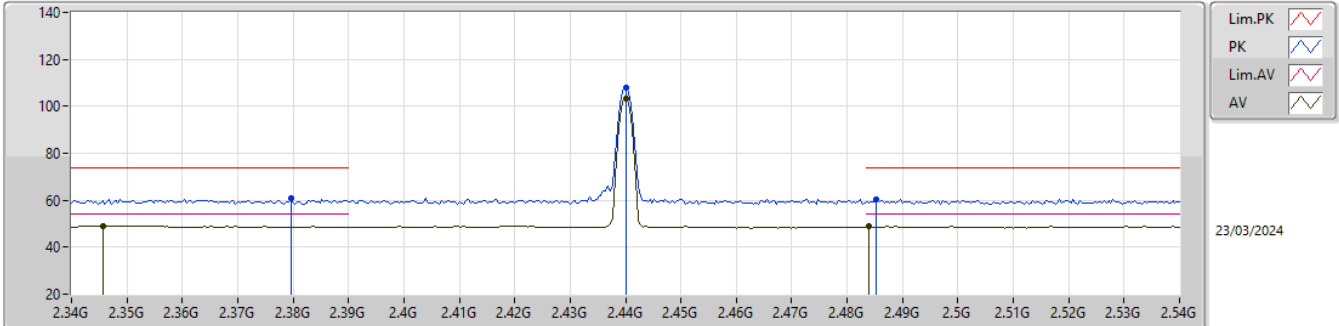


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.80342G	46.75	74.00	-27.25	41.51	3	Horizontal	140	1.57	-	31.30	6.91	32.97			
AV	4.80382G	33.98	54.00	-20.02	28.74	3	Horizontal	140	1.57	-	31.30	6.91	32.97			

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX

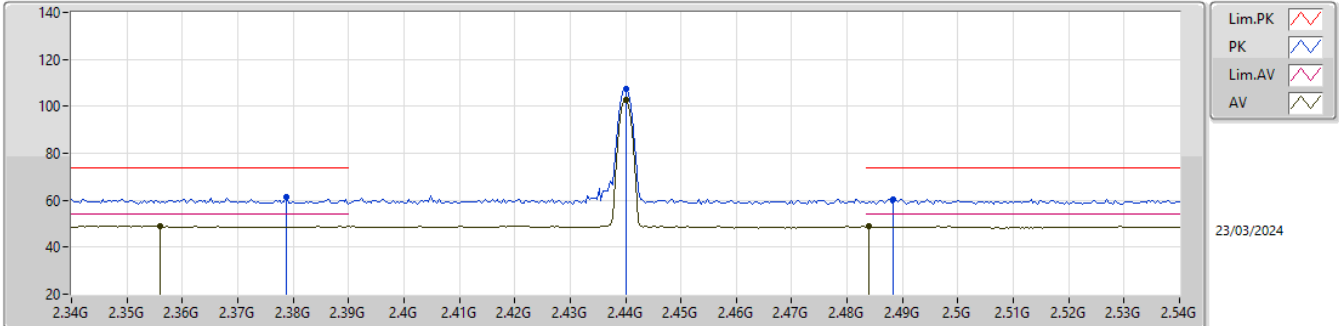


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.3796G	60.66	74.00	-13.34	28.32	3	Vertical	131	1.74	-	27.70	4.64	-			
AV	2.3456G	49.01	54.00	-4.99	16.42	3	Vertical	131	1.74	-	28.00	4.59	-			
PK	2.44G	107.92	Inf	-Inf	75.78	3	Vertical	131	1.74	-	27.50	4.64	-			
AV	2.44G	103.47	Inf	-Inf	71.33	3	Vertical	131	1.74	-	27.50	4.64	-			
PK	2.4852G	60.49	74.00	-13.51	28.39	3	Vertical	131	1.74	-	27.50	4.60	-			
AV	2.484G	48.84	54.00	-5.16	16.74	3	Vertical	131	1.74	-	27.50	4.60	-			

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX

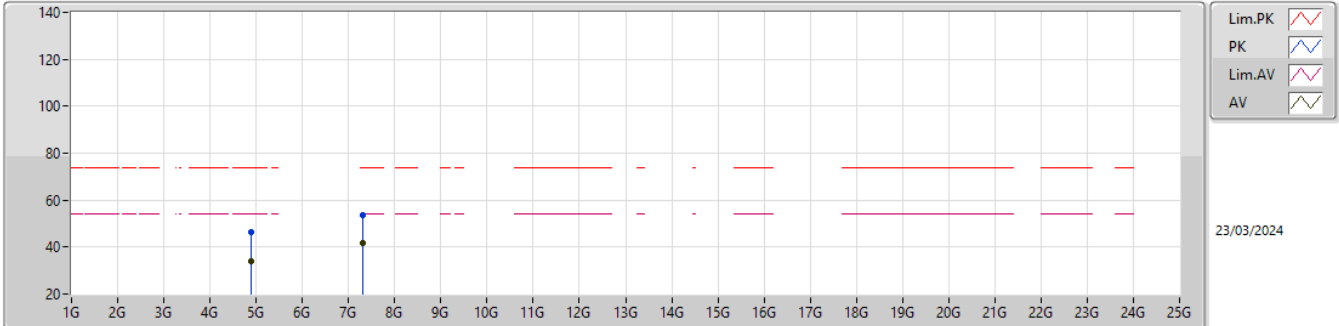


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.3788G	61.29	74.00	-12.71	28.94	3	Horizontal	303	2.73	-	27.71	4.64	-			
AV	2.356G	49.00	54.00	-5.00	16.45	3	Horizontal	303	2.73	-	27.94	4.61	-			
PK	2.44G	107.27	Inf	-Inf	75.13	3	Horizontal	303	2.73	-	27.50	4.64	-			
AV	2.44G	102.79	Inf	-Inf	70.65	3	Horizontal	303	2.73	-	27.50	4.64	-			
PK	2.4884G	60.40	74.00	-13.60	28.31	3	Horizontal	303	2.73	-	27.50	4.59	-			
AV	2.484G	48.84	54.00	-5.16	16.74	3	Horizontal	303	2.73	-	27.50	4.60	-			

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX

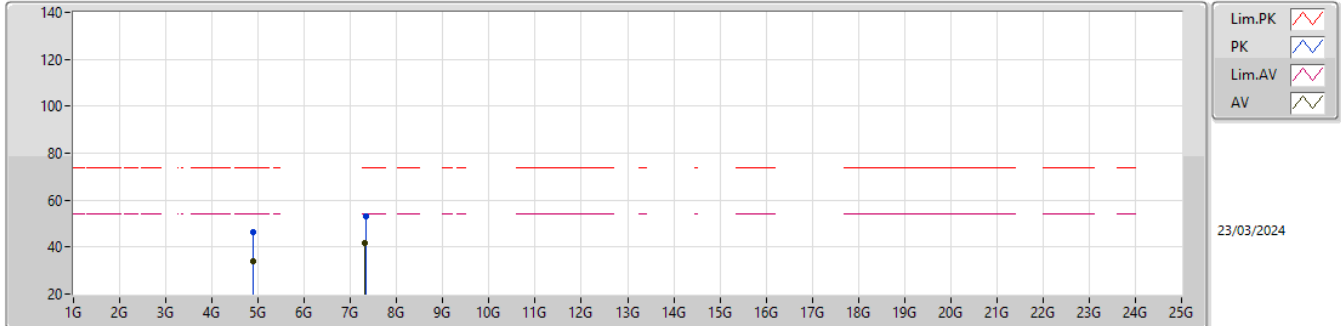


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.87994G	46.18	74.00	-27.82	40.85	3	Vertical	20	1.74	-	31.30	6.99	32.96			
AV	4.87987G	33.95	54.00	-20.05	28.62	3	Vertical	20	1.74	-	31.30	6.99	32.96			
PK	7.319G	53.46	74.00	-20.54	41.72	3	Vertical	334	2.98	-	36.22	8.63	33.11			
AV	7.31823G	41.52	54.00	-12.48	29.77	3	Vertical	334	2.98	-	36.23	8.63	33.11			

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX

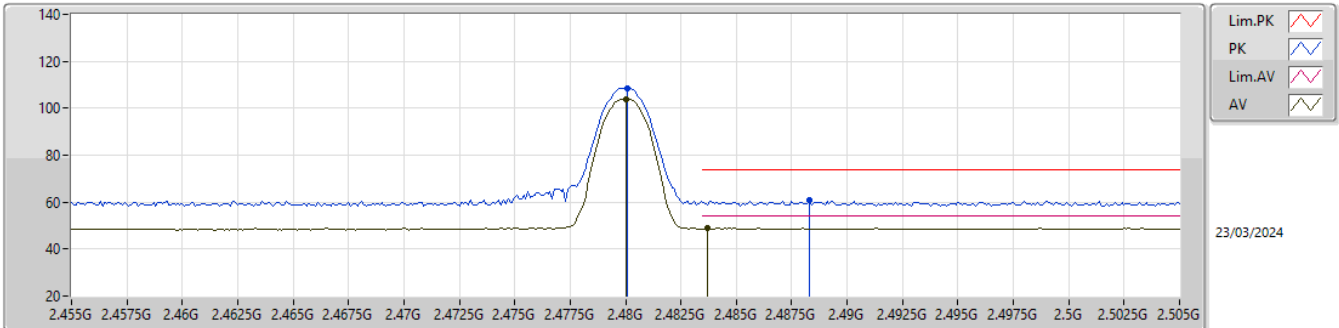


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.87767G	46.13	74.00	-27.87	40.80	3	Horizontal	184	2.32	-	31.30	6.99	32.96			
AV	4.8776G	34.04	54.00	-19.96	28.71	3	Horizontal	184	2.32	-	31.30	6.99	32.96			
PK	7.32217G	53.10	74.00	-20.90	41.36	3	Horizontal	257	1.89	-	36.21	8.64	33.11			
AV	7.31811G	41.58	54.00	-12.42	29.83	3	Horizontal	257	1.89	-	36.23	8.63	33.11			

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX

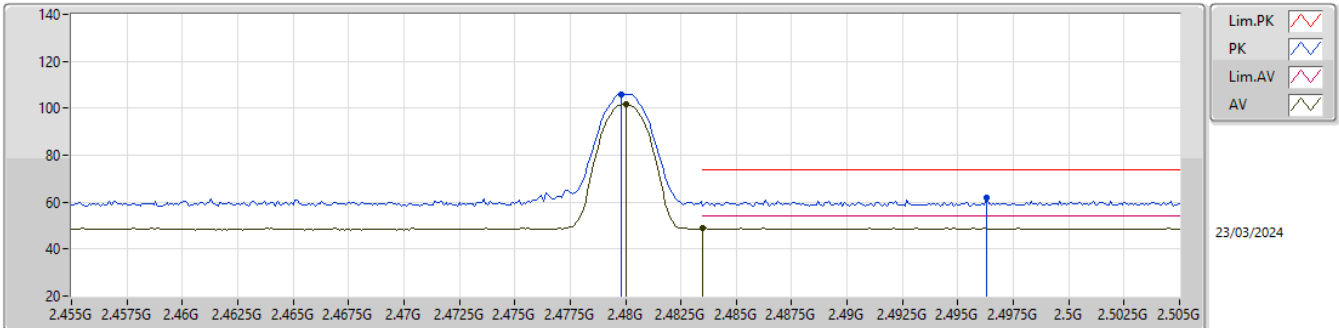


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.4801G	108.34	Inf	-Inf	76.24	3	Vertical	310	1.34	-	27.50	4.60	-			
AV	2.48G	103.96	Inf	-Inf	71.86	3	Vertical	310	1.34	-	27.50	4.60	-			
PK	2.4883G	60.62	74.00	-13.38	28.53	3	Vertical	310	1.34	-	27.50	4.59	-			
AV	2.4837G	48.84	54.00	-5.16	16.74	3	Vertical	310	1.34	-	27.50	4.60	-			

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX

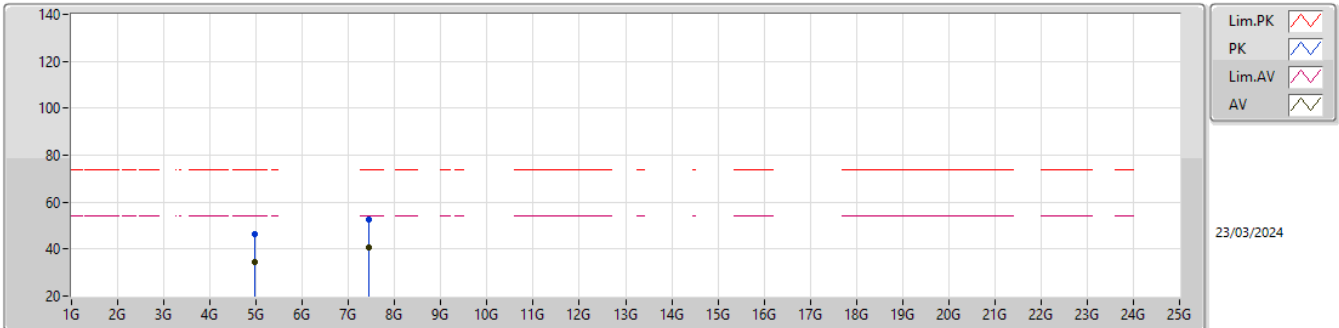


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	2.4798G	105.94	Inf	-Inf	73.84	3	Horizontal	300	2.96	-	27.50	4.60	-			
AV	2.48G	101.53	Inf	-Inf	69.43	3	Horizontal	300	2.96	-	27.50	4.60	-			
PK	2.4963G	61.64	74.00	-12.36	29.55	3	Horizontal	300	2.96	-	27.50	4.59	-			
AV	2.4835G	48.84	54.00	-5.16	16.74	3	Horizontal	300	2.96	-	27.50	4.60	-			

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX

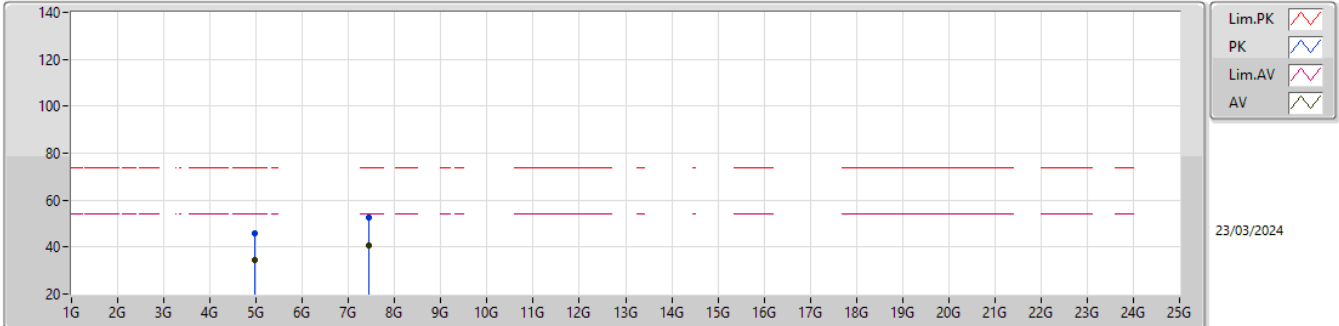


EUT_Z_1TX
Setting 12/0
01-R-K-5

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	4.9585G	46.60	74.00	-27.40	40.94	3	Vertical	273	2.76	-	31.53	7.07	32.94			
AV	4.95896G	34.26	54.00	-19.74	28.59	3	Vertical	273	2.76	-	31.54	7.07	32.94			
PK	7.43953G	52.48	74.00	-21.52	40.55	3	Vertical	224	1.86	-	36.34	8.73	33.14			
AV	7.44175G	40.89	54.00	-13.11	28.95	3	Vertical	224	1.86	-	36.35	8.73	33.14			

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



EUT_Z_1TX
Setting 12/0
01-R-K-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	4.96243G	46.10	74.00	-27.90	40.42	3	Horizontal	30	2.41	-	31.55	7.07	32.94			
AV	4.95815G	34.24	54.00	-19.76	28.58	3	Horizontal	30	2.41	-	31.53	7.07	32.94			
PK	7.43878G	52.43	74.00	-21.57	40.51	3	Horizontal	229	1.93	-	36.33	8.73	33.14			
AV	7.43806G	40.84	54.00	-13.16	28.92	3	Horizontal	229	1.93	-	36.33	8.73	33.14			

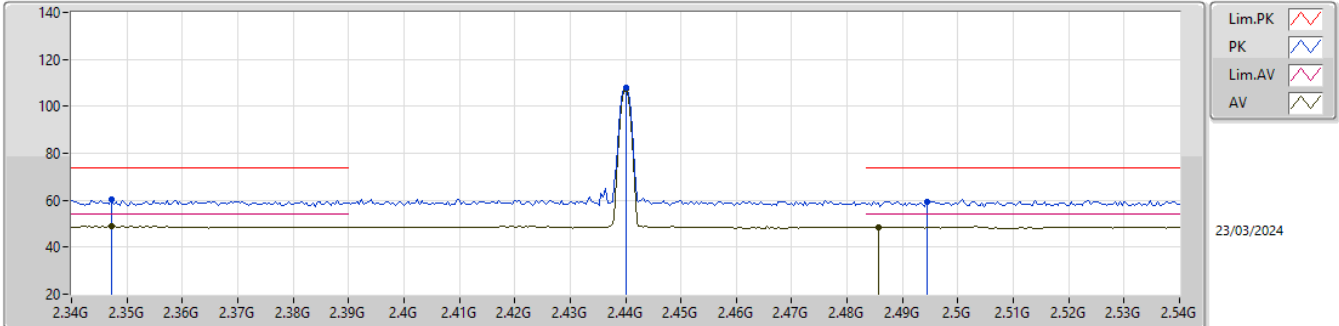


Summary

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-BR(1Mbps)	Pass	AV	2.3472G	49.01	54.00	-4.99	3	Vertical	169	1.01	-

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

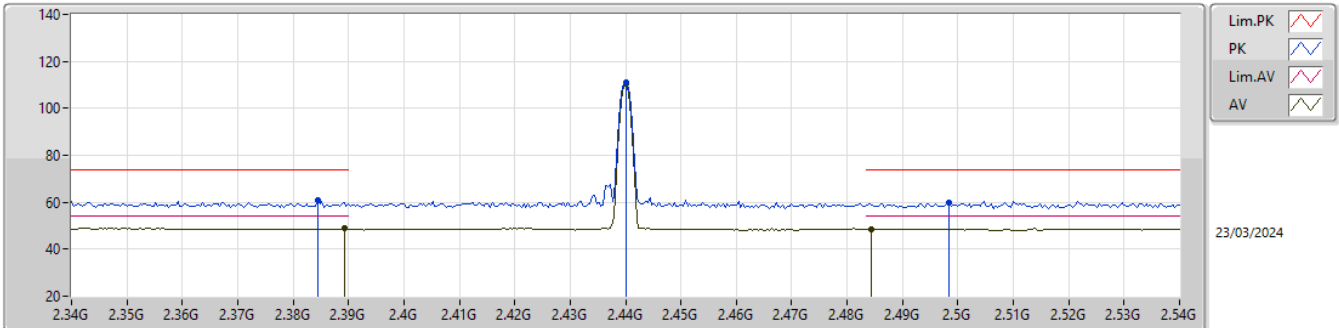


EUT_Z_1TX
Setting 12/0
01-R-B-5

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	2.3472G	60.44	74.00	-13.56	27.85	3	Vertical	169	1.01	-	28.00	4.59	-			
AV	2.3472G	49.01	54.00	-4.99	16.42	3	Vertical	169	1.01	-	28.00	4.59	-			
PK	2.44G	107.80	Inf	-Inf	75.66	3	Vertical	169	1.01	-	27.50	4.64	-			
AV	2.44G	107.35	Inf	-Inf	75.21	3	Vertical	169	1.01	-	27.50	4.64	-			
PK	2.4944G	59.55	74.00	-14.45	27.46	3	Vertical	169	1.01	-	27.50	4.59	-			
AV	2.4856G	48.56	54.00	-5.44	16.46	3	Vertical	169	1.01	-	27.50	4.60	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

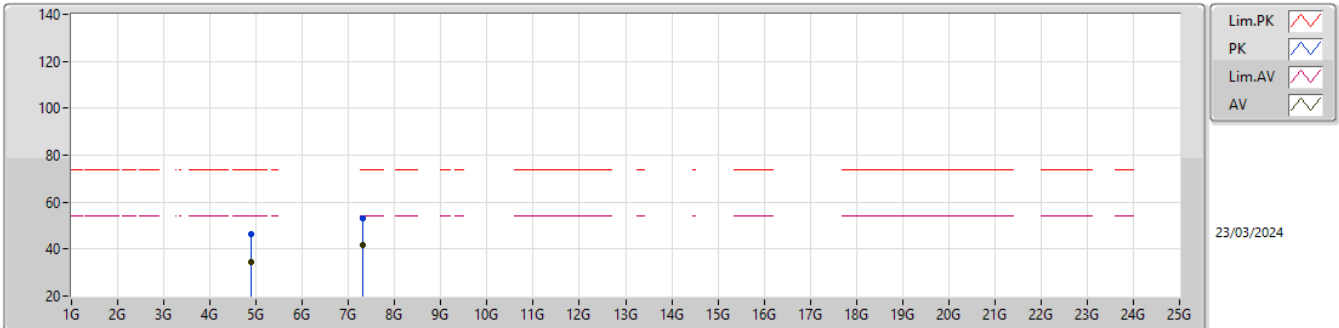


EUT_Z_1TX
Setting 12/0
01-R-B-5

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	2.3844G	60.83	74.00	-13.17	28.48	3	Horizontal	320	2.60	-	27.70	4.65	-			
AV	2.3892G	48.92	54.00	-5.08	16.57	3	Horizontal	320	2.60	-	27.70	4.65	-			
PK	2.44G	110.97	Inf	-Inf	78.83	3	Horizontal	320	2.60	-	27.50	4.64	-			
AV	2.44G	110.52	Inf	-Inf	78.38	3	Horizontal	320	2.60	-	27.50	4.64	-			
PK	2.4984G	59.87	74.00	-14.13	27.78	3	Horizontal	320	2.60	-	27.50	4.59	-			
AV	2.4844G	48.56	54.00	-5.44	16.46	3	Horizontal	320	2.60	-	27.50	4.60	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

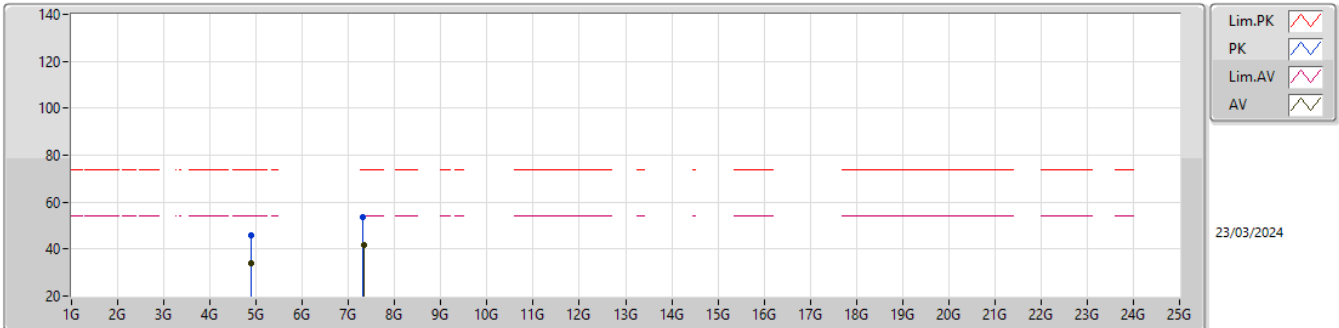


EUT_Z_1TX
Setting 12/0
01-R-B-5

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	4.88104G	46.22	74.00	-27.78	40.89	3	Vertical	174	1.82	-	31.30	6.99	32.96			
AV	4.87778G	34.29	54.00	-19.71	28.96	3	Vertical	174	1.82	-	31.30	6.99	32.96			
PK	7.32124G	53.28	74.00	-20.72	41.53	3	Vertical	113	1.51	-	36.22	8.64	33.11			
AV	7.3171G	41.65	54.00	-12.35	29.90	3	Vertical	113	1.51	-	36.23	8.63	33.11			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

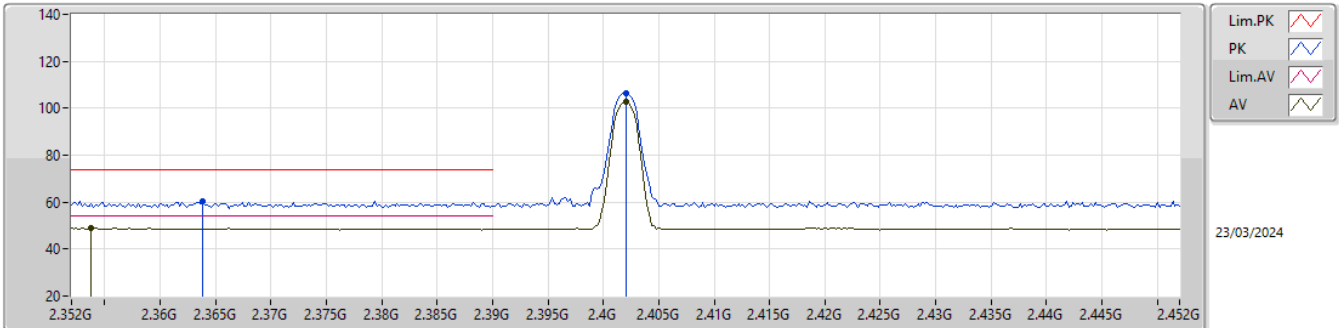


EUT_Z_1TX
Setting 12/0
01-R-B-5

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	4.88462G	45.91	74.00	-28.09	40.58	3	Horizontal	267	2.44	-	31.30	6.99	32.96			
AV	4.88318G	34.22	54.00	-19.78	28.89	3	Horizontal	267	2.44	-	31.30	6.99	32.96			
PK	7.3191G	53.40	74.00	-20.60	41.66	3	Horizontal	58	1.26	-	36.22	8.63	33.11			
AV	7.32272G	41.52	54.00	-12.48	29.78	3	Horizontal	58	1.26	-	36.21	8.64	33.11			

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

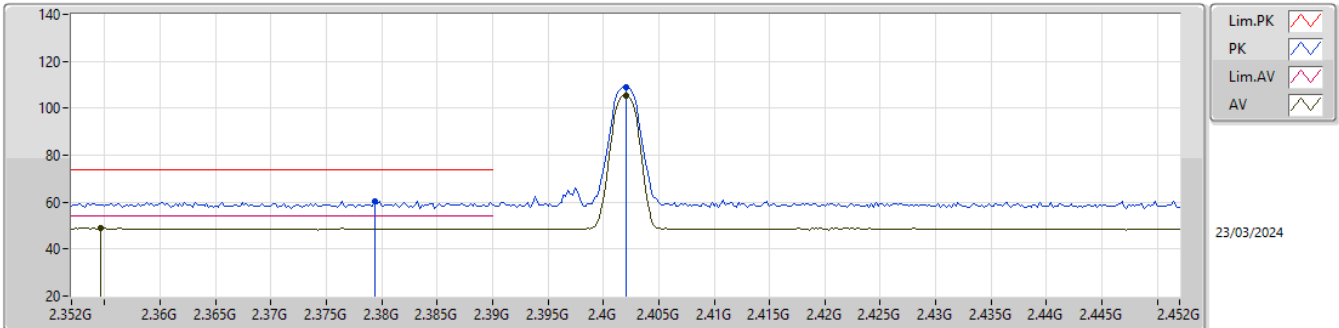


EUT_Z_1TX
Setting 12/0
01-R-B-5

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	2.3638G	60.38	74.00	-13.62	27.90	3	Vertical	177	1.01	-	27.86	4.62	-				
AV	2.3538G	49.00	54.00	-5.00	16.44	3	Vertical	177	1.01	-	27.96	4.60	-				
PK	2.402G	106.37	Inf	-Inf	74.02	3	Vertical	177	1.01	-	27.68	4.67	-				
AV	2.402G	102.86	Inf	-Inf	70.51	3	Vertical	177	1.01	-	27.68	4.67	-				

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

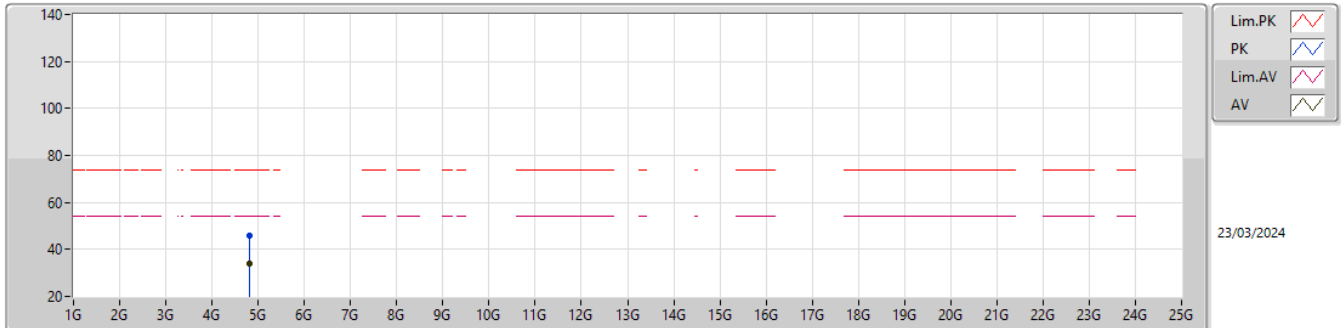


EUT_Z_1TX
Setting 12/0
01-R-B-5

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	2.3794G	60.60	74.00	-13.40	28.25	3	Horizontal	310	1.07	-	27.71	4.64	-				
AV	2.3546G	48.99	54.00	-5.01	16.44	3	Horizontal	310	1.07	-	27.95	4.60	-				
PK	2.402G	109.11	Inf	-Inf	76.76	3	Horizontal	310	1.07	-	27.68	4.67	-				
AV	2.402G	105.58	Inf	-Inf	73.23	3	Horizontal	310	1.07	-	27.68	4.67	-				

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

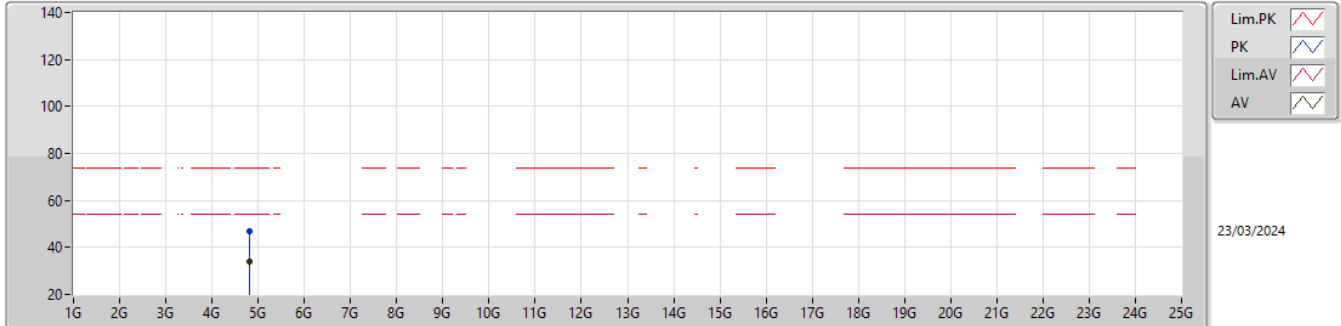


EUT_Z_1TX
Setting 12/0
01-R-B-5

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	4.8083G	45.81	74.00	-28.19	40.56	3	Vertical	22	2.63	-	31.30	6.92	32.97			
AV	4.80306G	34.06	54.00	-19.94	28.82	3	Vertical	22	2.63	-	31.30	6.91	32.97			

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX



EUT_Z_1TX
Setting 12/0
01-R-B-5

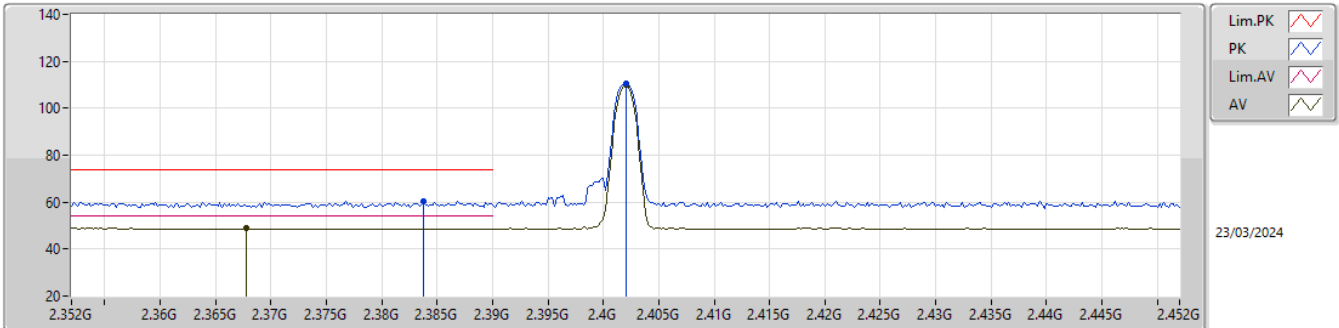
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80414G	46.73	74.00	-27.27	41.49	3	Horizontal	282	1.37	-	31.30	6.91	32.97			
AV	4.8027G	34.06	54.00	-19.94	28.82	3	Horizontal	282	1.37	-	31.30	6.91	32.97			

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-BR(1Mbps)	Pass	AV	2.4838G	49.12	54.00	-4.88	3	Vertical	237	1.39	-

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz_TX

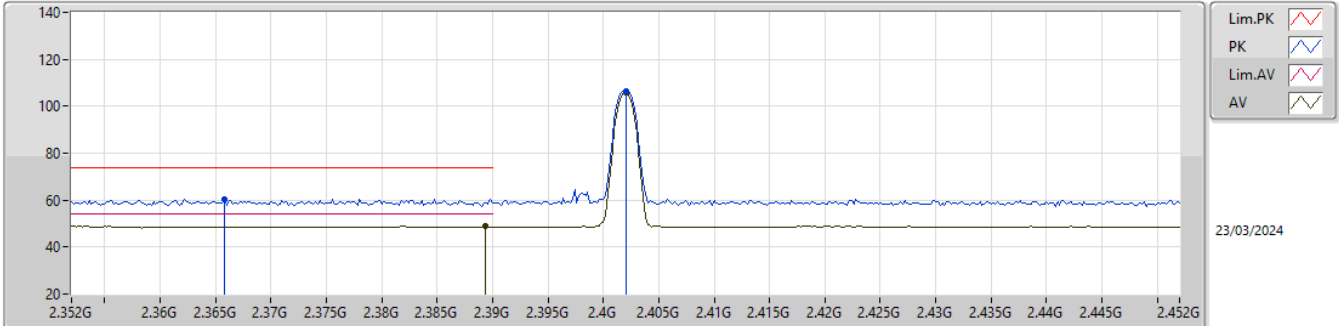


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3838G	60.32	74.00	-13.68	27.97	3	Vertical	226	1.80	-	27.70	4.65	-			
AV	2.3678G	48.93	54.00	-5.07	16.49	3	Vertical	226	1.80	-	27.82	4.62	-			
PK	2.402G	110.26	Inf	-Inf	77.91	3	Vertical	226	1.80	-	27.68	4.67	-			
AV	2.402G	109.84	Inf	-Inf	77.49	3	Vertical	226	1.80	-	27.68	4.67	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz_TX

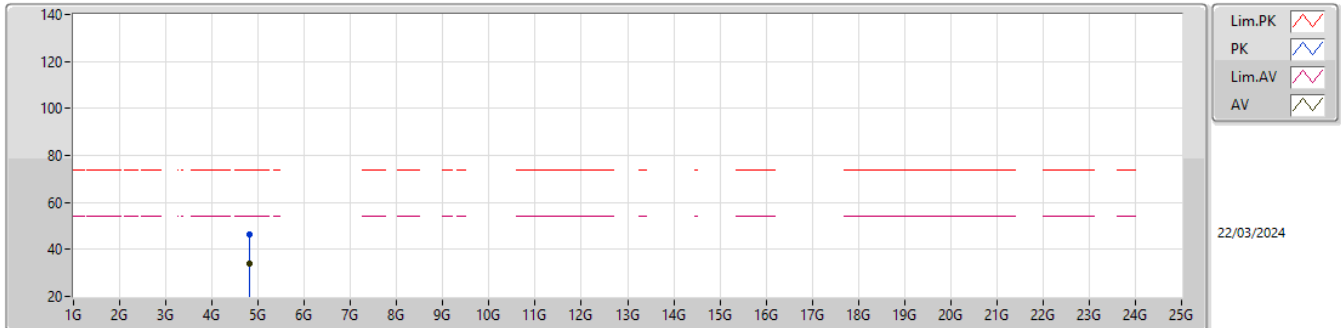


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3658G	60.29	74.00	-13.71	27.83	3	Horizontal	273	3.00	-	27.84	4.62	-				
AV	2.3894G	48.92	54.00	-5.08	16.57	3	Horizontal	273	3.00	-	27.70	4.65	-				
PK	2.402G	106.59	Inf	-Inf	74.24	3	Horizontal	273	3.00	-	27.68	4.67	-				
AV	2.402G	106.12	Inf	-Inf	73.77	3	Horizontal	273	3.00	-	27.68	4.67	-				

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz_TX

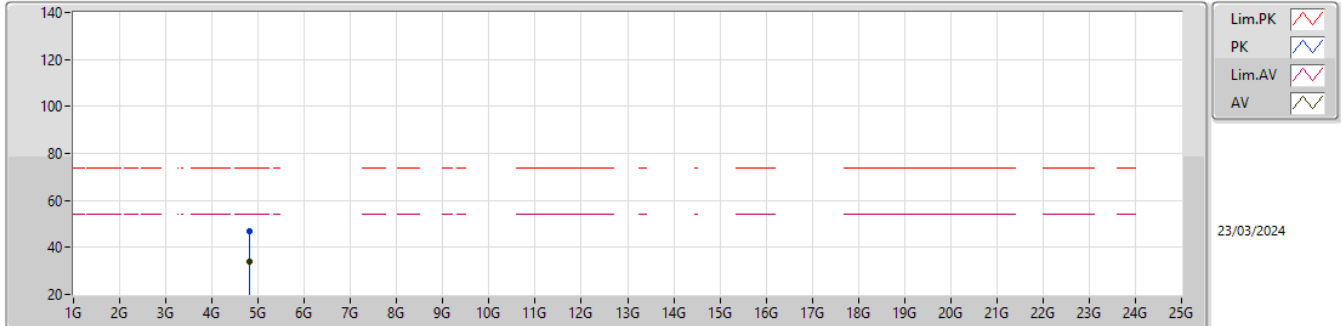


EUT_Y_1TX
Setting 12/0
01-R-K-5

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	4.80205G	46.14	74.00	-27.86	40.90	3	Vertical	303	1.16	-	31.30	6.91	32.97			
AV	4.80193G	34.14	54.00	-19.86	28.90	3	Vertical	303	1.16	-	31.30	6.91	32.97			

2.4-2.4835GHz_BT-BR(1Mbps)

2402MHz_TX

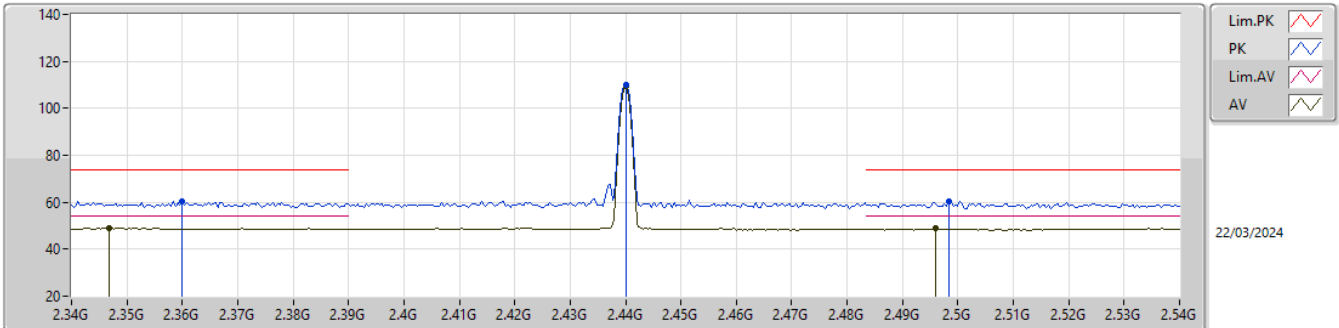


EUT_V_1TX
Setting 12/0
01-R-K-5

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	4.8059G	46.76	74.00	-27.24	41.51	3	Horizontal	22	2.33	-	31.30	6.92	32.97			
AV	4.8018G	34.14	54.00	-19.86	28.90	3	Horizontal	22	2.33	-	31.30	6.91	32.97			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

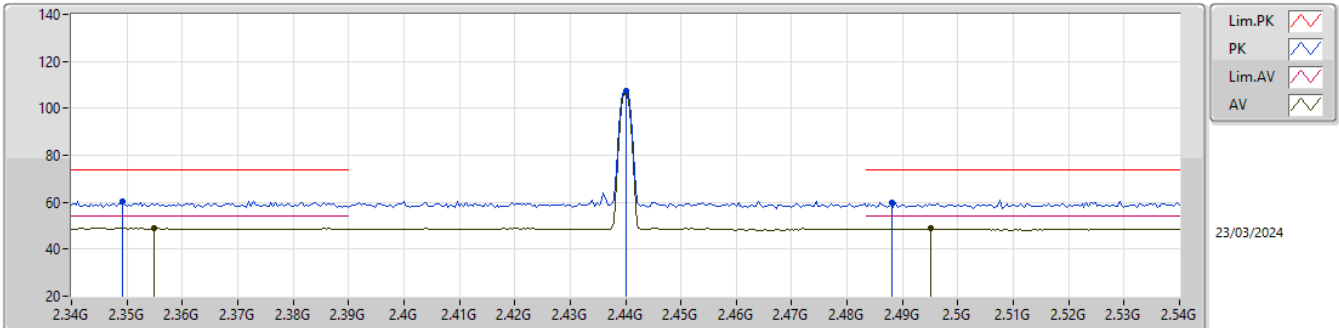


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.36G	60.17	74.00	-13.83	27.66	3	Vertical	224	1.80	-	27.90	4.61	-			
AV	2.3468G	49.01	54.00	-4.99	16.42	3	Vertical	224	1.80	-	28.00	4.59	-			
PK	2.44G	109.81	Inf	-Inf	77.67	3	Vertical	224	1.80	-	27.50	4.64	-			
AV	2.44G	109.35	Inf	-Inf	77.21	3	Vertical	224	1.80	-	27.50	4.64	-			
PK	2.4984G	60.26	74.00	-13.74	28.17	3	Vertical	224	1.80	-	27.50	4.59	-			
AV	2.496G	48.83	54.00	-5.17	16.74	3	Vertical	224	1.80	-	27.50	4.59	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

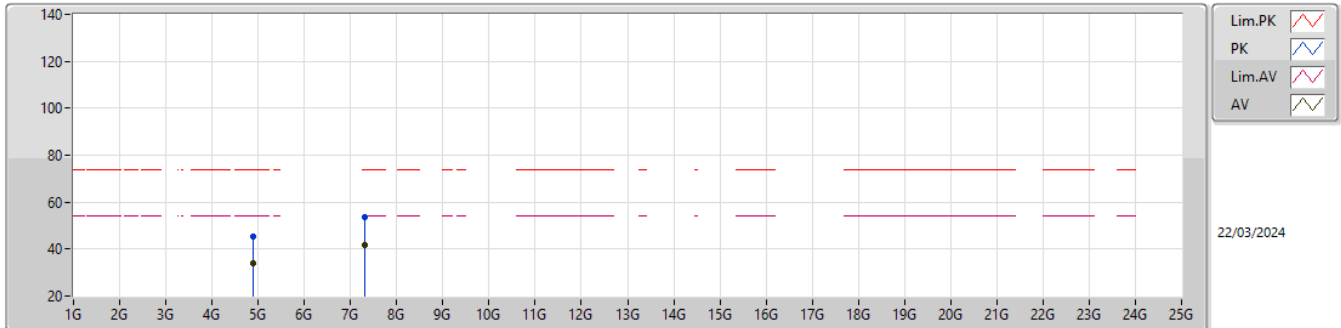


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3492G	60.23	74.00	-13.77	27.63	3	Horizontal	273	3.00	-	28.00	4.60	-			
AV	2.3548G	48.99	54.00	-5.01	16.44	3	Horizontal	273	3.00	-	27.95	4.60	-			
PK	2.44G	107.55	Inf	-Inf	75.41	3	Horizontal	273	3.00	-	27.50	4.64	-			
AV	2.44G	107.12	Inf	-Inf	74.98	3	Horizontal	273	3.00	-	27.50	4.64	-			
PK	2.488G	60.04	74.00	-13.96	27.94	3	Horizontal	273	3.00	-	27.50	4.60	-			
AV	2.4952G	48.83	54.00	-5.17	16.74	3	Horizontal	273	3.00	-	27.50	4.59	-			

2.4-2.4835GHz_BT-BR(1Mbps)

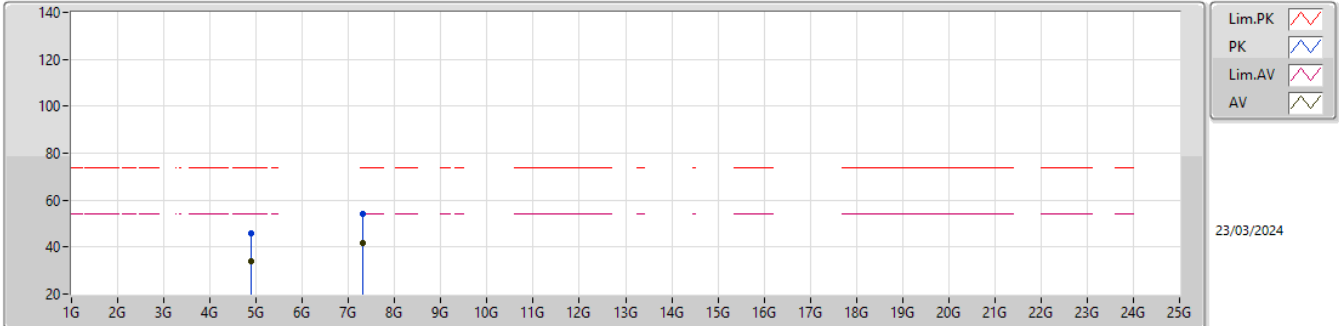
2440MHz_TX


EUT_Y_1TX
Setting 12/0
01-R-K-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	4.87754G	45.59	74.00	-28.41	40.26	3	Vertical	90	1.51	-	31.30	6.99	32.96			
AV	4.88037G	34.13	54.00	-19.87	28.80	3	Vertical	90	1.51	-	31.30	6.99	32.96			
PK	7.31792G	53.57	74.00	-20.43	41.82	3	Vertical	149	1.00	-	36.23	8.63	33.11			
AV	7.32011G	41.67	54.00	-12.33	29.93	3	Vertical	149	1.00	-	36.22	8.63	33.11			

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_TX

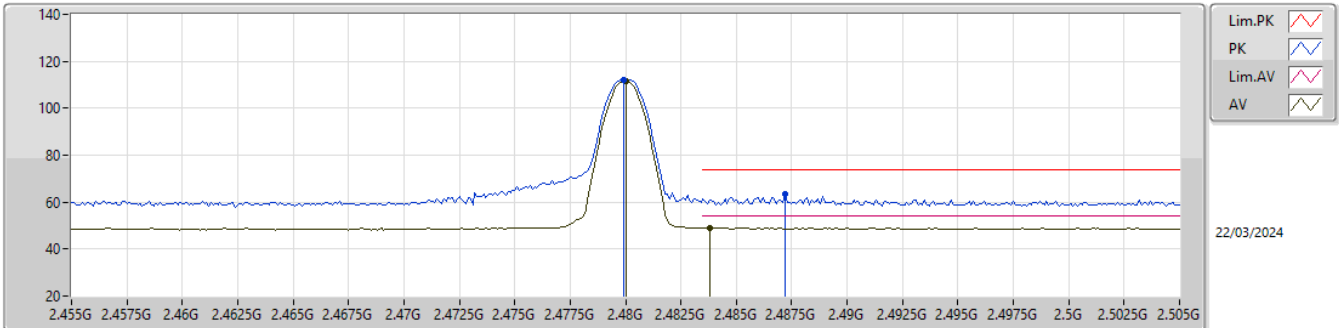


EUT_Y_1TX
Setting 12/0
01-R-K-5

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	4.88191G	45.67	74.00	-28.33	40.34	3	Horizontal	38	1.13	-	31.30	6.99	32.96			
AV	4.8775G	34.12	54.00	-19.88	28.79	3	Horizontal	38	1.13	-	31.30	6.99	32.96			
PK	7.31968G	54.06	74.00	-19.94	42.32	3	Horizontal	9	2.02	-	36.22	8.63	33.11			
AV	7.31878G	41.68	54.00	-12.32	29.94	3	Horizontal	9	2.02	-	36.22	8.63	33.11			

2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX

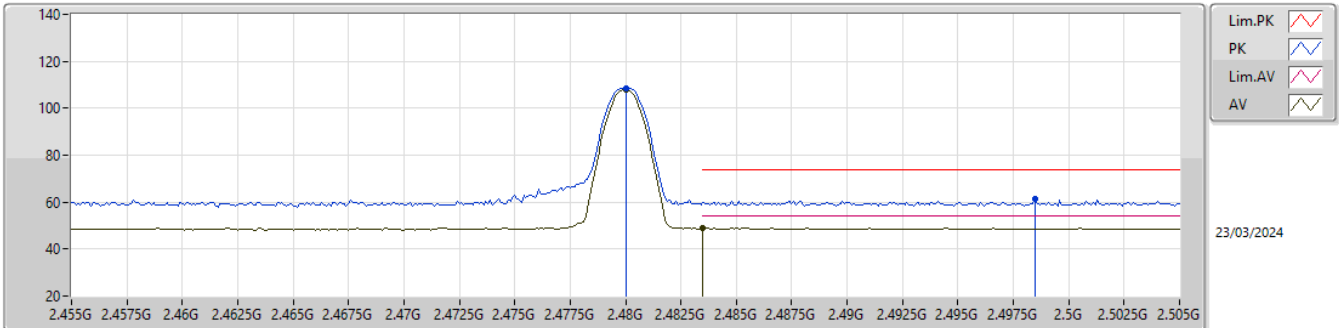


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4799G	112.05	Inf	-Inf	79.95	3	Vertical	237	1.39	-	27.50	4.60	-			
AV	2.48G	111.63	Inf	-Inf	79.53	3	Vertical	237	1.39	-	27.50	4.60	-			
PK	2.4872G	63.64	74.00	-10.36	31.54	3	Vertical	237	1.39	-	27.50	4.60	-			
AV	2.4838G	49.12	54.00	-4.88	17.02	3	Vertical	237	1.39	-	27.50	4.60	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX

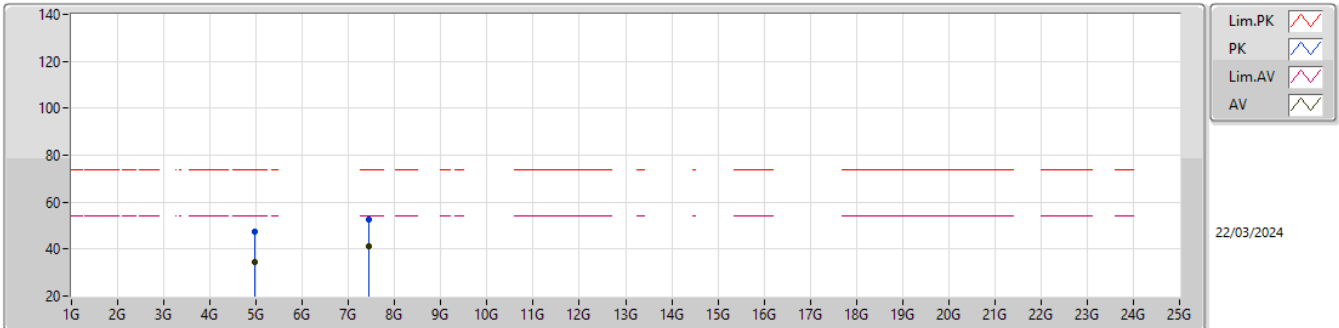


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.48G	108.37	Inf	-Inf	76.27	3	Horizontal	275	3.00	-	27.50	4.60	-			
AV	2.48G	107.95	Inf	-Inf	75.85	3	Horizontal	275	3.00	-	27.50	4.60	-			
PK	2.4985G	61.51	74.00	-12.49	29.42	3	Horizontal	275	3.00	-	27.50	4.59	-			
AV	2.4835G	48.84	54.00	-5.16	16.74	3	Horizontal	275	3.00	-	27.50	4.60	-			

2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX

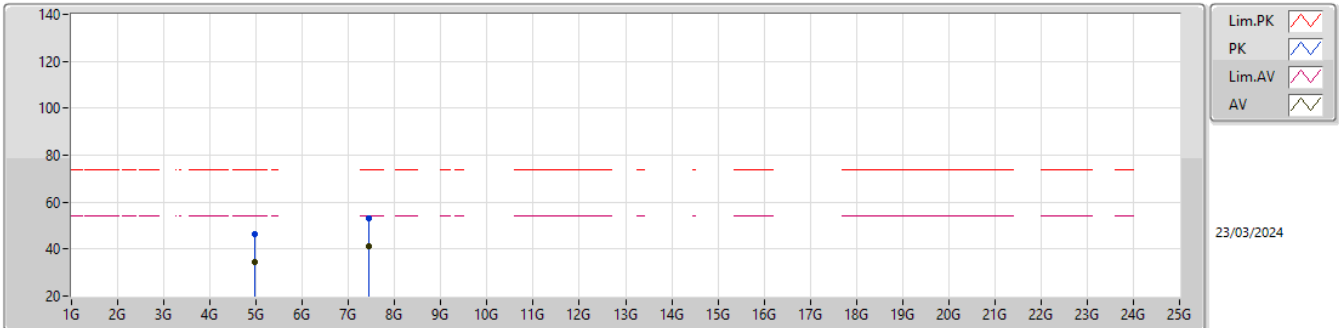


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.96038G	47.16	74.00	-26.84	41.49	3	Vertical	270	2.92	-	31.54	7.07	32.94			
AV	4.95868G	34.51	54.00	-19.49	28.85	3	Vertical	270	2.92	-	31.53	7.07	32.94			
PK	7.44051G	52.58	74.00	-21.42	40.65	3	Vertical	82	1.31	-	36.34	8.73	33.14			
AV	7.43771G	41.08	54.00	-12.92	29.16	3	Vertical	82	1.31	-	36.33	8.73	33.14			

2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX

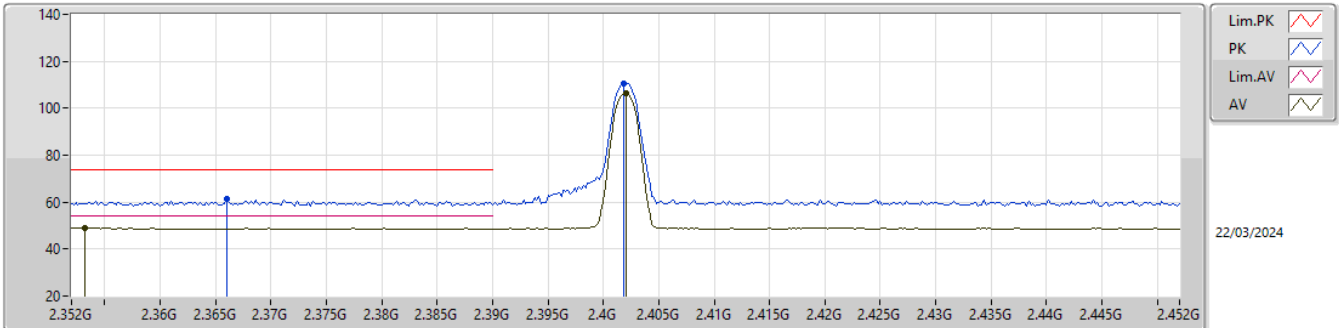


EUT_Y_1TX
Setting 12/0
01-R-K-5

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	4.95935G	46.26	74.00	-27.74	40.59	3	Horizontal	301	1.89	-	31.54	7.07	32.94			
AV	4.96222G	34.54	54.00	-19.46	28.86	3	Horizontal	301	1.89	-	31.55	7.07	32.94			
PK	7.43999G	53.12	74.00	-20.88	41.19	3	Horizontal	214	1.54	-	36.34	8.73	33.14			
AV	7.44212G	41.30	54.00	-12.70	29.36	3	Horizontal	214	1.54	-	36.35	8.73	33.14			

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

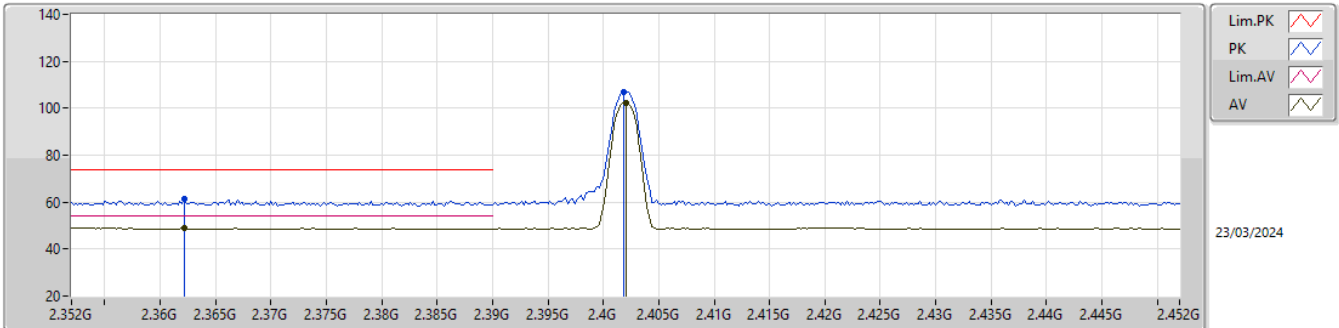


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.366G	61.15	74.00	-12.85	28.69	3	Vertical	222	1.80	-	27.84	4.62	-			
AV	2.3532G	49.01	54.00	-4.99	16.44	3	Vertical	222	1.80	-	27.97	4.60	-			
PK	2.4018G	110.59	Inf	-Inf	78.24	3	Vertical	222	1.80	-	27.68	4.67	-			
AV	2.402G	106.21	Inf	-Inf	73.86	3	Vertical	222	1.80	-	27.68	4.67	-			

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

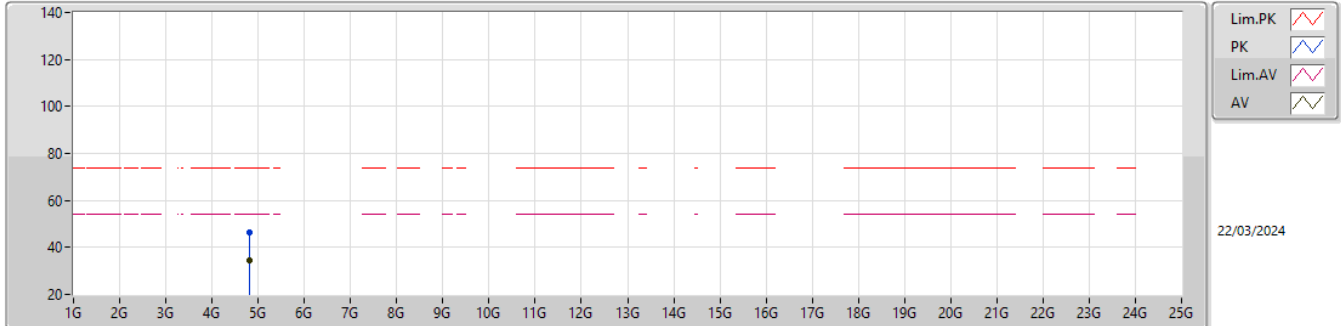


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3622G	61.18	74.00	-12.82	28.68	3	Horizontal	273	3.00	-	27.88	4.62	-				
AV	2.3622G	48.97	54.00	-5.03	16.47	3	Horizontal	273	3.00	-	27.88	4.62	-				
PK	2.4018G	106.78	Inf	-Inf	74.43	3	Horizontal	273	3.00	-	27.68	4.67	-				
AV	2.402G	102.37	Inf	-Inf	70.02	3	Horizontal	273	3.00	-	27.68	4.67	-				

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

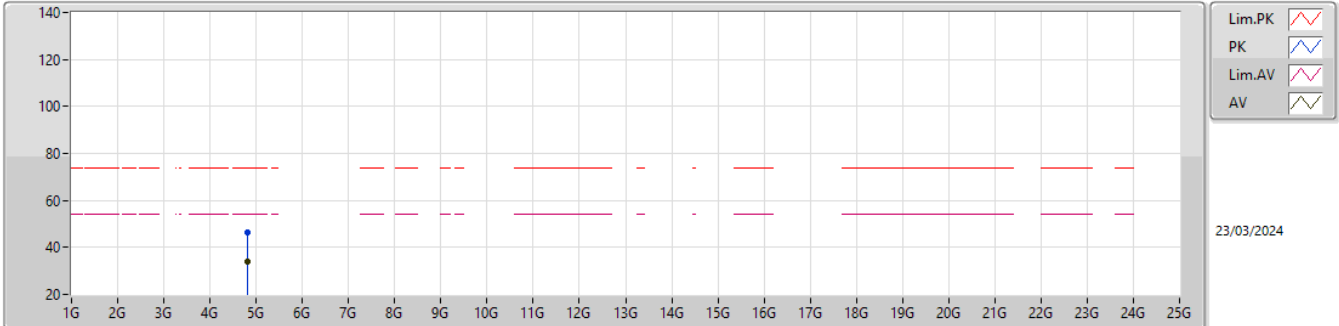


EUT_V_1TX
Setting 12/0
01-R-K-5

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	4.804999G	46.32	74.00	-27.68	41.08	3	Vertical	360	1.80	-	31.30	6.91	32.97			
AV	4.80307G	34.30	54.00	-19.70	29.06	3	Vertical	360	1.80	-	31.30	6.91	32.97			

2.4-2.4835GHz_BT-EDR(3Mbps)

2402MHz_TX

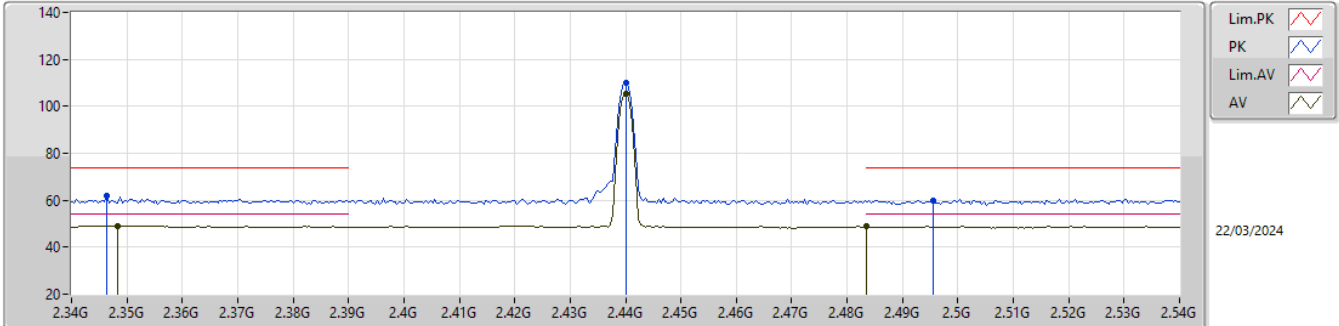


EUT_V_1TX
Setting 15/0/15
01-R-E-2

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	4.80198G	46.14	74.00	-27.86	40.90	3	Horizontal	360	1.80	-	31.30	6.91	32.97			
AV	4.80573G	34.16	54.00	-19.84	28.91	3	Horizontal	360	1.80	-	31.30	6.92	32.97			

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX

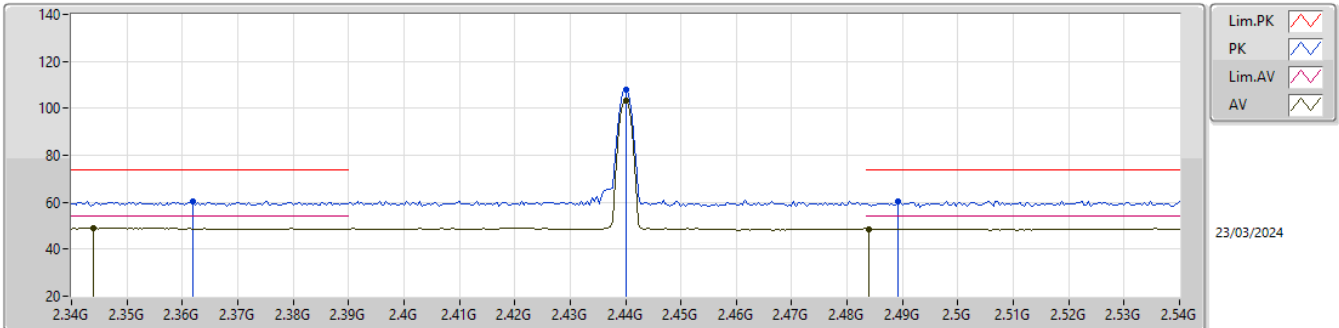


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3464G	61.69	74.00	-12.31	29.10	3	Vertical	224	1.80	-	28.00	4.59	-			
AV	2.3484G	49.03	54.00	-4.97	16.43	3	Vertical	224	1.80	-	28.00	4.60	-			
PK	2.44G	109.97	Inf	-Inf	77.83	3	Vertical	224	1.80	-	27.50	4.64	-			
AV	2.44G	105.56	Inf	-Inf	73.42	3	Vertical	224	1.80	-	27.50	4.64	-			
PK	2.4956G	59.95	74.00	-14.05	27.86	3	Vertical	224	1.80	-	27.50	4.59	-			
AV	2.4835G	48.84	54.00	-5.16	16.74	3	Vertical	224	1.80	-	27.50	4.60	-			

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX

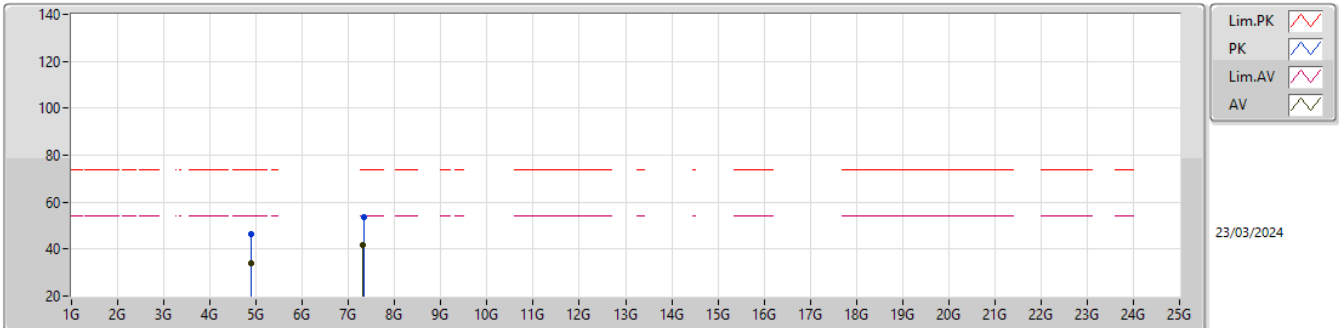


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.362G	60.60	74.00	-13.40	28.11	3	Horizontal	272	3.00	-	27.88	4.61	-			
AV	2.344G	49.01	54.00	-4.99	16.42	3	Horizontal	272	3.00	-	28.00	4.59	-			
PK	2.44G	107.81	Inf	-Inf	75.67	3	Horizontal	272	3.00	-	27.50	4.64	-			
AV	2.44G	103.38	Inf	-Inf	71.24	3	Horizontal	272	3.00	-	27.50	4.64	-			
PK	2.4892G	60.10	74.00	-13.90	28.01	3	Horizontal	272	3.00	-	27.50	4.59	-			
AV	2.484G	48.56	54.00	-5.44	16.46	3	Horizontal	272	3.00	-	27.50	4.60	-			

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX

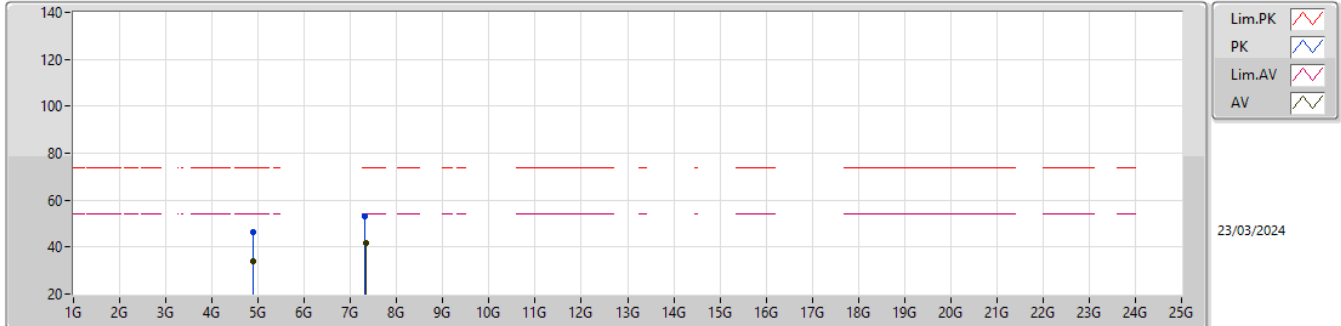


EUT_Y_1TX
Setting 12/0
01-R-K-5

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	4.88207G	46.41	74.00	-27.59	41.08	3	Vertical	186	2.57	-	31.30	6.99	32.96			
AV	4.87911G	34.21	54.00	-19.79	28.88	3	Vertical	186	2.57	-	31.30	6.99	32.96			
PK	7.32243G	53.59	74.00	-20.41	41.85	3	Vertical	19	1.97	-	36.21	8.64	33.11			
AV	7.3204G	41.90	54.00	-12.10	30.16	3	Vertical	19	1.97	-	36.22	8.63	33.11			

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX

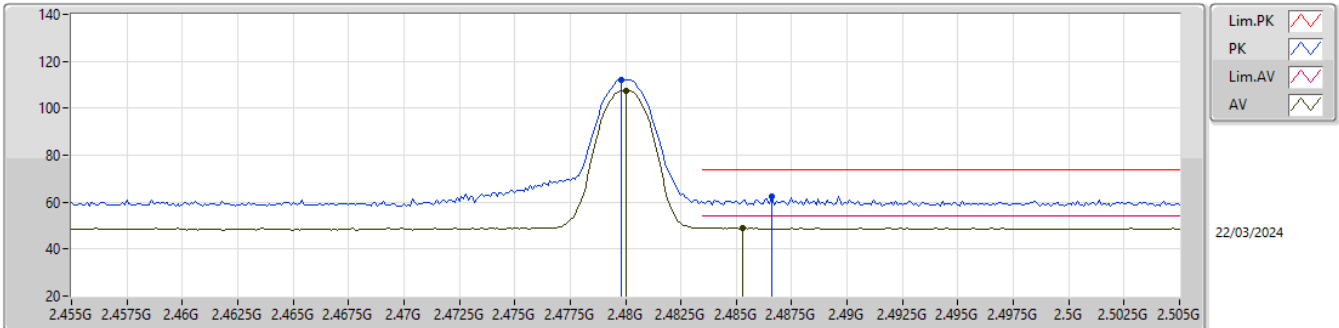


EUT_Y_1TX
Setting 12/0
01-R-K-5

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	4.87804G	46.23	74.00	-27.77	40.90	3	Horizontal	89	2.78	-	31.30	6.99	32.96			
AV	4.87856G	34.12	54.00	-19.88	28.79	3	Horizontal	89	2.78	-	31.30	6.99	32.96			
PK	7.31976G	53.33	74.00	-20.67	41.59	3	Horizontal	196	2.39	-	36.22	8.63	33.11			
AV	7.32213G	41.94	54.00	-12.06	30.20	3	Horizontal	196	2.39	-	36.21	8.64	33.11			

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX

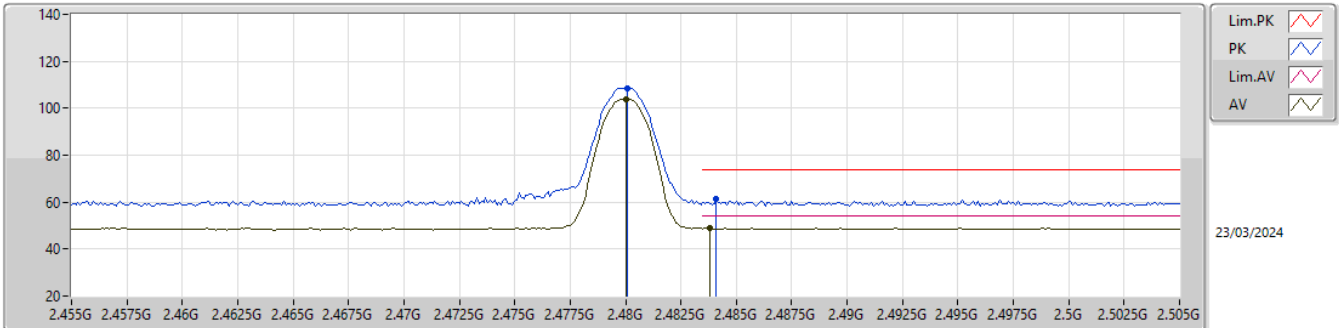


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4798G	112.07	Inf	-Inf	79.97	3	Vertical	229	1.41	-	27.50	4.60	-			
AV	2.48G	107.60	Inf	-Inf	75.50	3	Vertical	229	1.41	-	27.50	4.60	-			
PK	2.4866G	62.67	74.00	-11.33	30.57	3	Vertical	229	1.41	-	27.50	4.60	-			
AV	2.4853G	49.12	54.00	-4.88	17.02	3	Vertical	229	1.41	-	27.50	4.60	-			

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX

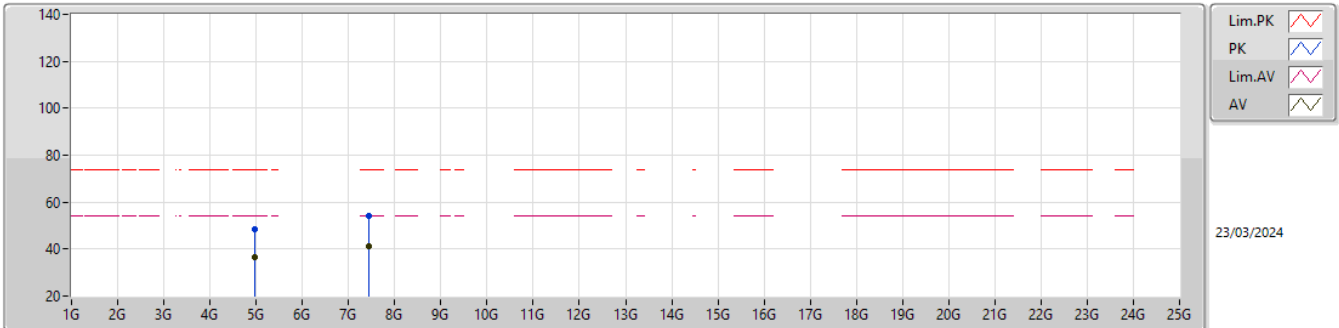


EUT_Y_1TX
Setting 12/0
01-R-E-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4801G	108.48	Inf	-Inf	76.38	3	Horizontal	274	3.00	-	27.50	4.60	-			
AV	2.48G	103.98	Inf	-Inf	71.88	3	Horizontal	274	3.00	-	27.50	4.60	-			
PK	2.4841G	61.26	74.00	-12.74	29.16	3	Horizontal	274	3.00	-	27.50	4.60	-			
AV	2.4838G	49.12	54.00	-4.88	17.02	3	Horizontal	274	3.00	-	27.50	4.60	-			

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX

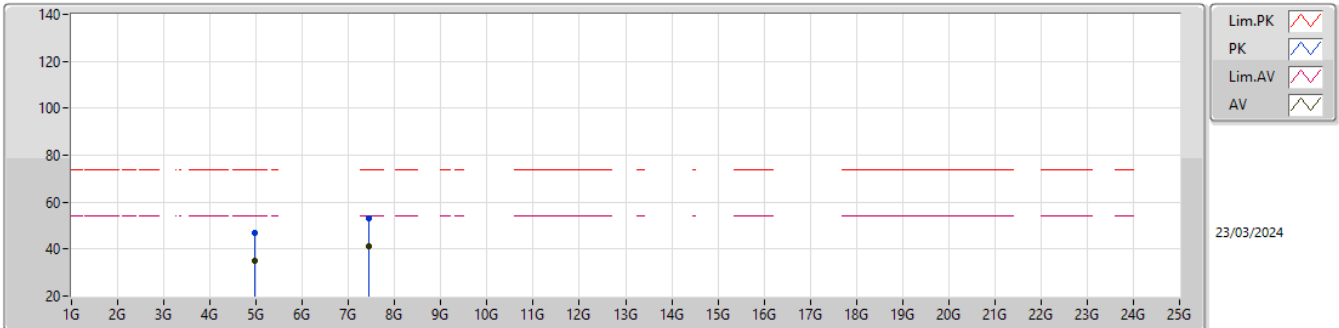


EUT_Y_1TX
Setting 12/0
01-R-K-5

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	4.95999G	48.45	74.00	-25.55	42.78	3	Vertical	36	1.80	-	31.54	7.07	32.94			
AV	4.96002G	36.32	54.00	-17.68	30.65	3	Vertical	36	1.80	-	31.54	7.07	32.94			
PK	7.43928G	53.89	74.00	-20.11	41.96	3	Vertical	170	2.56	-	36.34	8.73	33.14			
AV	7.43775G	41.43	54.00	-12.57	29.51	3	Vertical	170	2.56	-	36.33	8.73	33.14			

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



EUT_Y_1TX
Setting 12/0
01-R-K-5

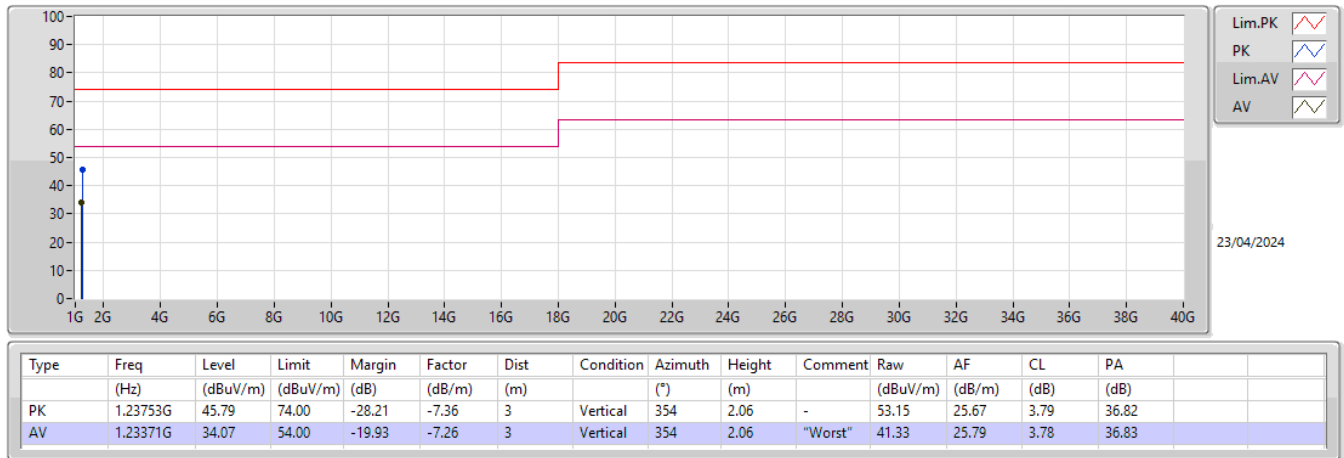
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.95783G	47.14	74.00	-26.86	41.48	3	Horizontal	124	2.68	-	31.53	7.07	32.94			
AV	4.95958G	35.11	54.00	-18.89	29.44	3	Horizontal	124	2.68	-	31.54	7.07	32.94			
PK	7.44098G	53.33	74.00	-20.67	41.39	3	Horizontal	342	1.19	-	36.35	8.73	33.14			
AV	7.43761G	41.32	54.00	-12.68	29.40	3	Horizontal	342	1.19	-	36.33	8.73	33.14			



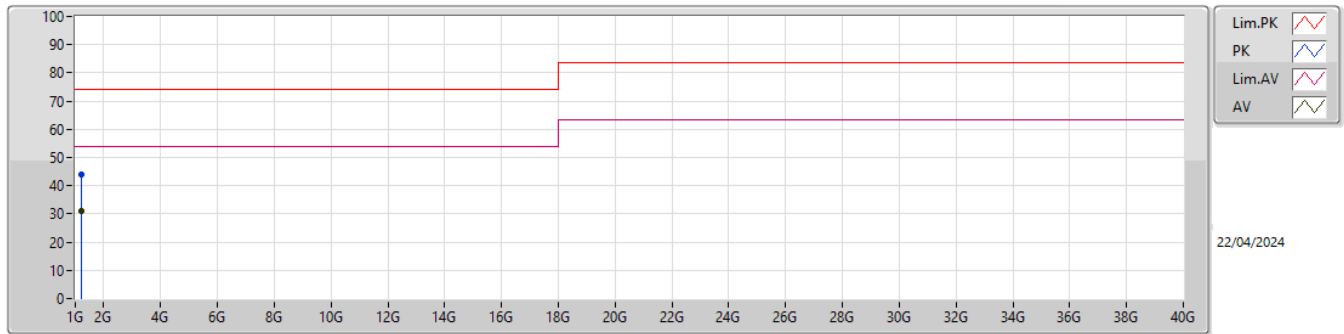
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.23371G	34.07	54.00	-19.93	Vertical

Mode 1



Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)		
PK	1.23331G	43.94	74.00	-30.06	-7.25	3	Horizontal	180	2.16	-	51.19	25.80	3.78	36.83		
AV	1.23351G	30.94	54.00	-23.06	-7.26	3	Horizontal	180	2.16	"Worst"	38.20	25.79	3.78	36.83		