FCC Radio Test Report

FCC ID	:	**TTUBEOPLAYH100**
Equipment	:	**Wireless Headphones**
Brand Name	:	**Bang & Olufsen**
Model Name	:	**Beoplay H100**
Applicant	:	**Bang & Olufsen A/S** **Bang og Olufsen Allé 1, 7600 Struer, Denmark**
Manufacturer	:	**Bang & Olufsen A/S** **Bang og Olufsen Allé 1, 7600 Struer, Denmark**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Sep. 13, 2023, and testing was started from Sep. 19, 2023 and completed on Dec. 09, 2023. We, SPORTON INTERNATIONAL INC. Hsinhua 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.

Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR391314AD	01	Initial issue of report	Feb. 07, 2024

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	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 Bandedge	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	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and explanations:
None

Reviewed by: Ben Tseng

Report Producer: Amber 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 π/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.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	TOONGIN	DH14-Ant-L	FPC	N/A	1.06
2	TOONGIN	DH14-Ant-R	FPC	N/A	0.97

Note 1: The EUT has two antennas.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 1 and Ant. 2 could transmit/receive.

1.1.3 EUT Information

Operational Condition				
EUT Power Type	From Battery			
EUT Function	☐	Point-to-multipoint	☒	Point-to-point
Type of EUT				
☒	Stand-alone			
☐	Combined (EUT where the radio part is fully integrated within another device)			
	Combined Equipment - Brand Name / Model No.:	…		
☐	Plug-in radio (EUT intended for a variety of host systems)			
	Host System - Brand Name / Model No.:	…		
☐	Other:			

1.1.4 Mode Test Duty Cycle

Right

Mode	DC	DCF (dB)	T (s)	VBW (Hz) ≥ 1/T
BT-BR(1Mbps)	0.76	1.19	2.881m	1k
BT-EDR(2Mbps)	0.767	1.15	2.883m	1k
BT-EDR(3Mbps)	0.74	1.31	2.884m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Left

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	2.883m	1k
BT-EDR(3Mbps)	0.74	1.31	2.884m	1k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013

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

- KDB 558074 D01 v05r02
- KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab.：Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua **(TAF:** 3785**)**	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		**FAX:** 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
AC Conduction	CO04-HY	Daniel Lin	21.4~22.4°C / 51~53%	09/Dec/2023
RF Conducted	TH06-HY	Peng Huang	23.3~24.6°C / 52~56%	19/Sep/2023~18/Oct/2023
☒ Wenhua 3rd. **(TAF:** 3785**)**	**ADD:** No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	**Test Site No.**	**Test Engineer**	**Test Environment**	**Test Date**
Radiated	03CH24-HY	Lego Lin	23.4~24.2°C / 52~55%	20/Sep/2023~09/Dec/2023

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**
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	AB158x_Airoha_Tool_Kit(ATK)_v3.4.4

Mode	Power Setting
BT-BR(1Mbps)	-
2402MHz	40
2440MHz	40
2480MHz	40
BT-EDR(2Mbps)	-
2402MHz	40
2440MHz	40
2480MHz	40
BT-EDR(3Mbps)	-
2402MHz	40
2440MHz	40
2480MHz	40

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	USB mode
2	Adapter mode

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 ☒ Non-adaptive frequency hopping systems (Non-AFH) ☒ adaptive frequency hopping systems (AFH)
Non-AFH Mode configuration was found to be the worst case and measured during the test.	

The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	USB mode		
2	Adapter mode		
Operating Mode > 1GHz	CTX		
1	Adapter mode		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT	V		

2.3 Accessories

Accessories				
Battery	**Brand Name**	VDL	**Model Name**	422535PF4
	Power Rating	3.85 Vdc, 520 mAh	**Type**	Rechargeable Li-ion Battery Pack
USB Cable	**Brand Name**	Bang & Olufsen	**Model Name**	4021XW01972ZAU
	Signal Line	1.25 meter, D-shielded cable, w/o ferrite core		
Audio Cable	**Brand Name**	Bang & Olufsen	**Model Name**	4021XW01971ZAS
	Signal Line	1.25 meter, B-shielded cable, w/o ferrite core		

Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

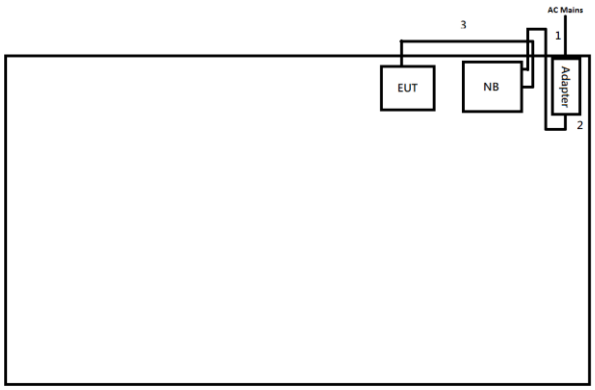
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter for NB	HP	HSTNN-CA40	-	-
3	Adapter	Apple	A2305	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Airoha dongle	Airoha	Airoha dongle	-	Provided by Customer
4	Airoha dongle to B&O dongle cable	toongin	Airoha dongle	-	Provided by Customer
5	B&O dongle	Bang & Olufsen	UART cable	-	Provided by Customer

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter for NB	HP	HSTNN-CA40	-	-
3	Adapter	Apple	A2305	-	-

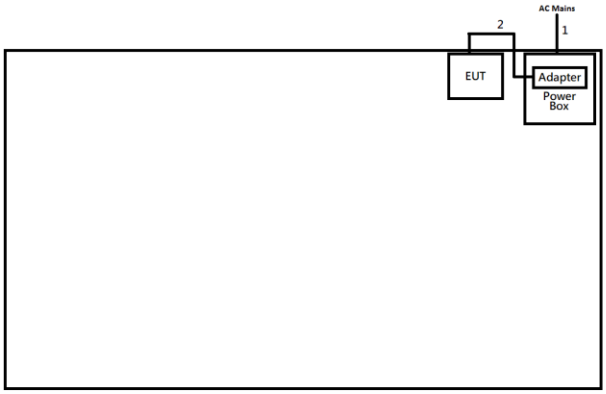
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test - USB Mode



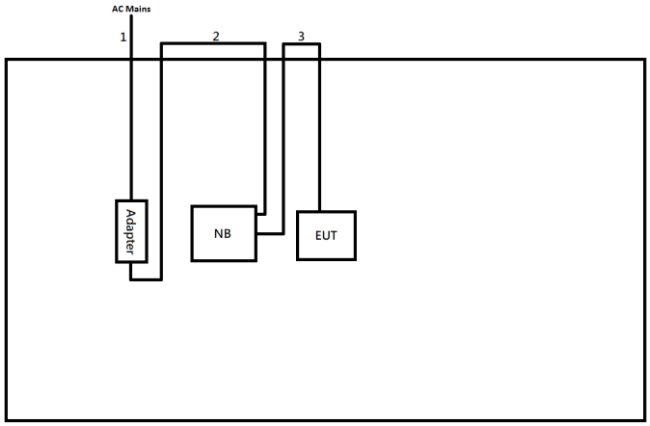
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-
3	USB Cable	Yes	1.25	-

Test Setup Diagram – AC Line Conducted Emission Test - Adapter Mode



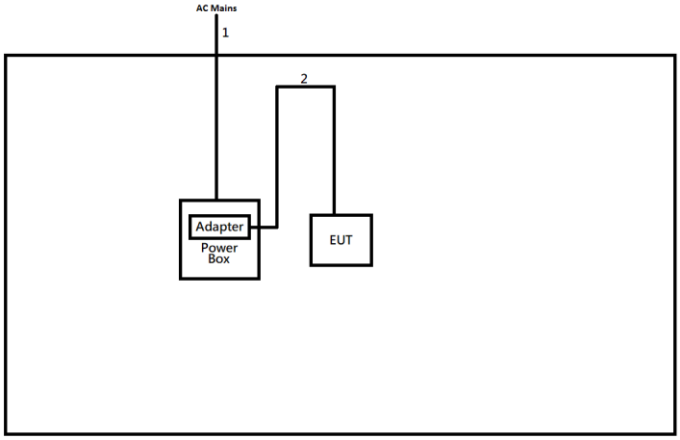
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	USB Cable	Yes	1.25	-

Test Setup Diagram - Radiated Test – USB Mode



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.5	-
3	USB Cable	Yes	1.25	-

Test Setup Diagram - Radiated Test - Adapter Mode



Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	USB Cable	Yes	1.25	-

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

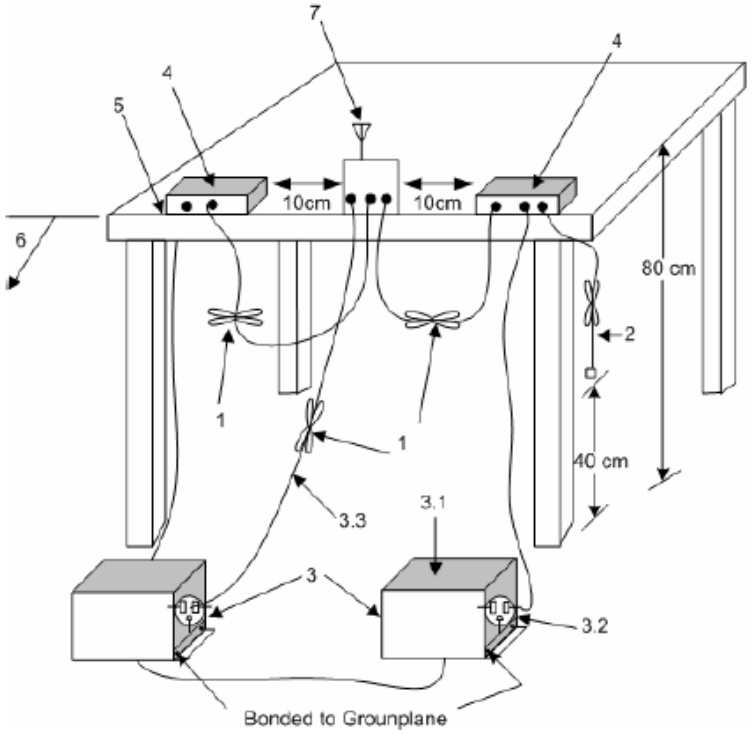
Test Method
▪ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Raw(Read Level) +LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup

AC Power-line Conducted Emissions



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

3.1.6 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	
▪ 2400-2483.5 MHz Band:	
	▪ N ≥75 and ChS ≥ MAX (20 dB bandwidth, 25 kHz).
	▪ 75>N ≥ 15 and ChS ≥ MAX (20 dB bandwidth 2/3,25 kHz).
N:Number of Hopping Frequencies; **ChS**: Hopping Channel Separation	

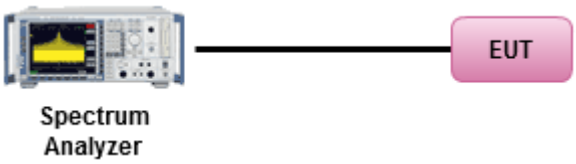
3.2.2 Measuring Instruments

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 6.9.2 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

20dB Bandwidth and Carrier Frequency Separation


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	
▪ 2400-2483.5 MHz Band:	
	▪ N ≥ 75; Power 30dBm; EIRP 36dBm
	▪ 75 >N ≥ 15; Power 21dBm; EIRP 27dBm
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)


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	
▪ 2400-2483.5 MHz Band:	
	▪ N ≥ 75 and ChS ≥ MAX (20 dB bandwidth, 25 kHz).
	▪ 75 >N ≥ 15 and ChS ≥ MAX (20 dB bandwidth 2/3,25 kHz).
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

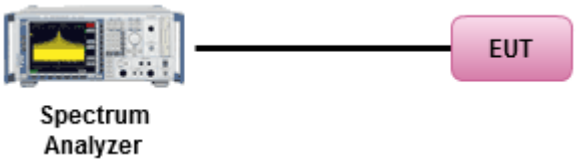
3.4.3 Measuring Instruments

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

Number of Hopping Frequencies and Hopping Frequencies Bandedge


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

Time of Occupancy (Dwell Time) Limit for Frequency Hopping Systems	
▪ 2400-2483.5 MHz Band:	
	▪ N ≥ 75; 0.4s in N x 0.4 period
	▪ 75 >N ≥ 15; 0.4s in N x 0.4 period
N:Number of Hopping Frequencies	

3.5.2 Measuring Instruments

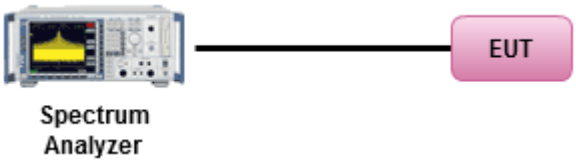
Refer a test equipment and calibration data table in this test report.

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

Time of Occupancy (Dwell Time)



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 (dB)**
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.	

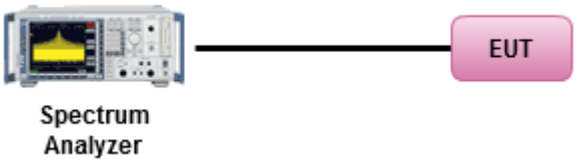
3.6.2 Measuring Instruments

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

Emissions in Non-restricted Frequency Bands


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 below30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB / decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

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

3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

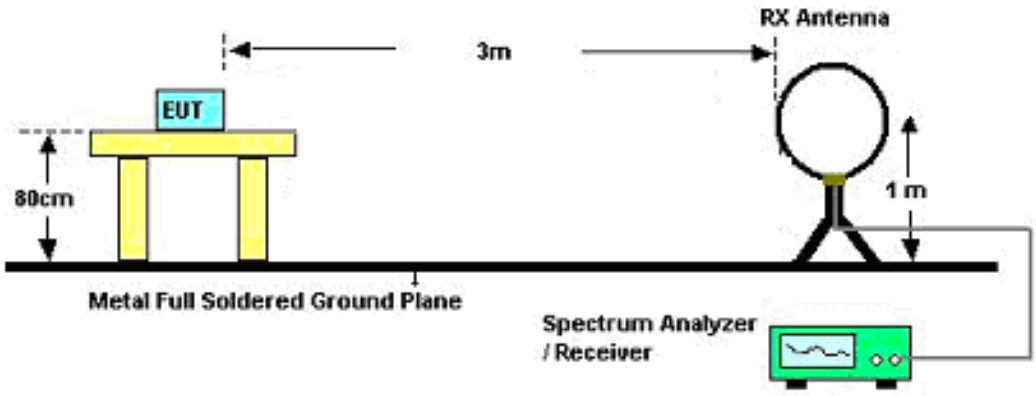
Test Method	
▪	The average emission levels shall be measured in [hopping duty factor].
▪	Refer as ANSI C63.10; clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted emissions shall 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.
▪	KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.
	▪ Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	▪ Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

3.7.4 Measurement Results Calculation

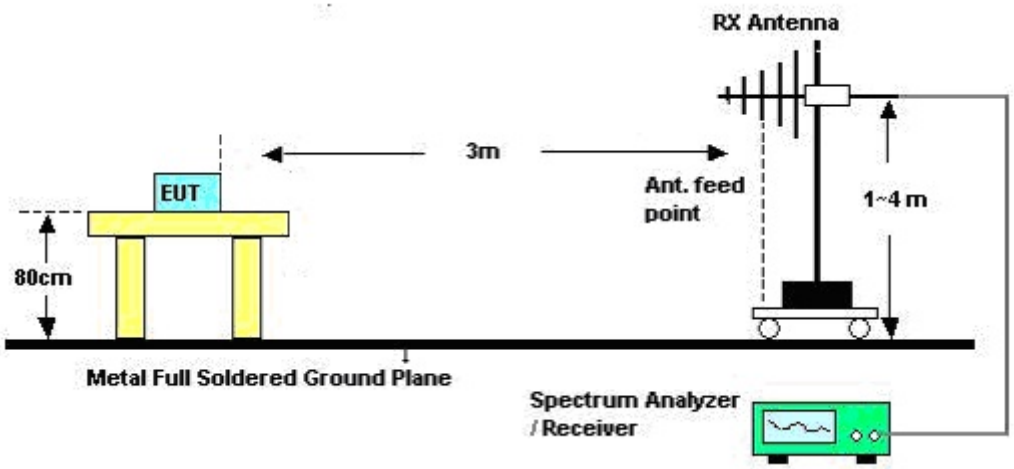
The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.7.5 Test Setup

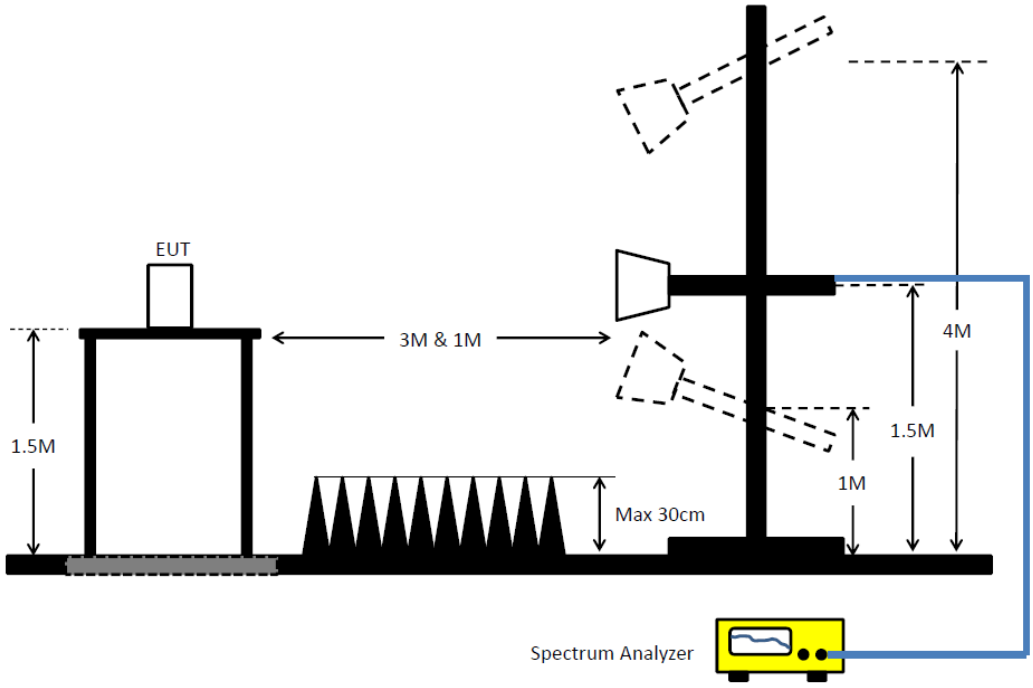
Emissions in Restricted Frequency Bands
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.7.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.7.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix G

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR	102051	9kHz ~ 3.6GHz	16/May/2023	15/May/2024
Two-Line V-Network	R&S	ENV 216	101295	9kHz ~ 30MHz	31/Jan/2023	30/Jan/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	28/Feb/2023	27/Feb/2024
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	02/Nov/2022	01/Nov/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	29/Mar/2023	28/Mar/2024
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	29/Mar/2023	28/Mar/2024
SENSE-15247_FS	Sporton	V5.11.12	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	17/Aug/2023	16/Aug/2024
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	03/Aug/2023	02/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	10/Aug/2023	09/Aug/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	17/Aug/2023	16/Aug/2024
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	17/Apr/2023	16/Apr/2024
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	26/Apr/2023	25/Apr/2024
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	10/Aug/2023	09/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 102	CB001	1GHz~40GHz	21/Jul/2023	20/Jul/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	30MHz~40GHz	21/Jul/2023	20/Jul/2024
Amplifier	EM	EM18G40G	060604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	29/Dec/2022	28/Dec/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
SENSE-15247-FS	Sporton	V5.11.15	NA	NA	NA	NA

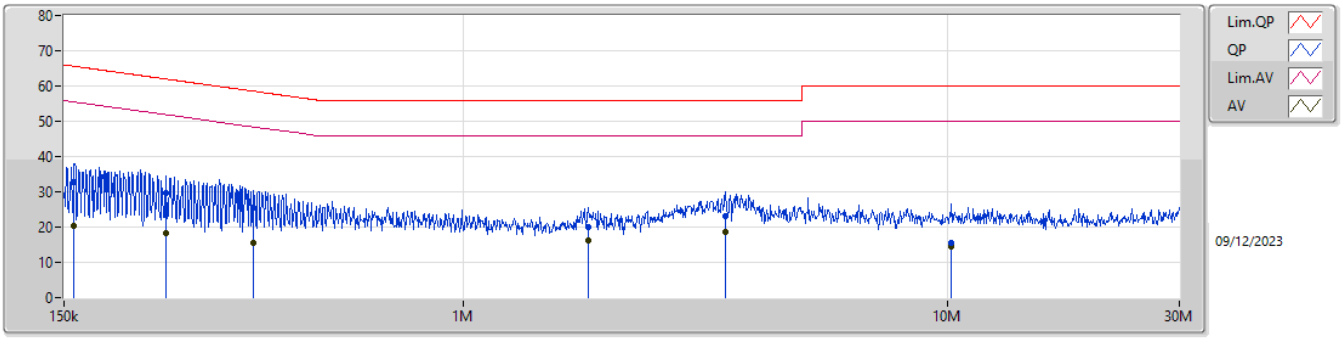
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	3.584M	19.15	46.00	-26.85	Neutral
Mode 2	Pass	AV	488.957k	35.40	46.19	-10.79	Neutral

Result

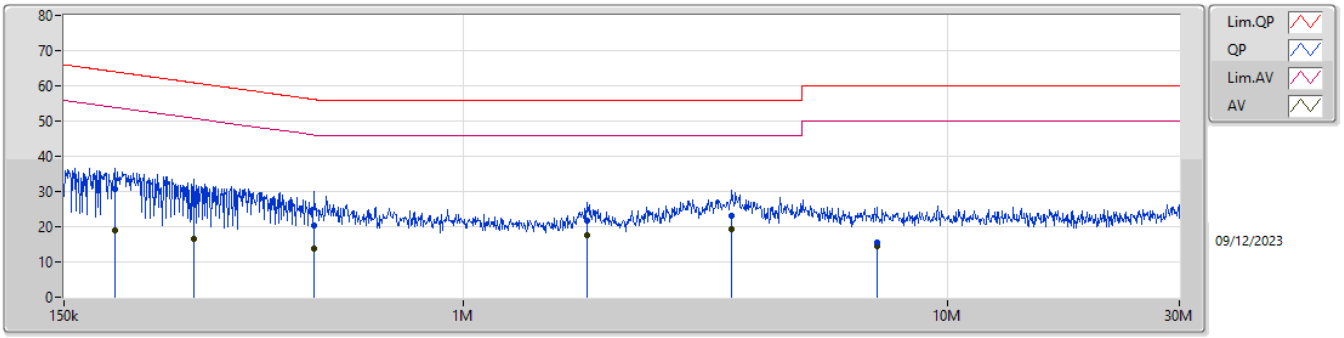
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	157.361k	32.83	65.60	-32.77	Line
Mode 1	Pass	AV	157.361k	20.26	55.60	-35.34	Line
Mode 1	Pass	QP	243.148k	29.58	61.98	-32.40	Line
Mode 1	Pass	AV	243.148k	18.41	51.98	-33.57	Line
Mode 1	Pass	QP	368.279k	25.35	58.54	-33.19	Line
Mode 1	Pass	AV	368.279k	15.42	48.54	-33.12	Line
Mode 1	Pass	QP	1.811M	20.04	56.00	-35.96	Line
Mode 1	Pass	AV	1.811M	16.27	46.00	-29.73	Line
Mode 1	Pass	QP	3.472M	23.11	56.00	-32.89	Line
Mode 1	Pass	AV	3.472M	18.78	46.00	-27.22	Line
Mode 1	Pass	QP	10.16M	15.39	60.00	-44.61	Line
Mode 1	Pass	AV	10.16M	14.63	50.00	-35.37	Line
Mode 1	Pass	QP	190.596k	30.62	64.01	-33.39	Neutral
Mode 1	Pass	AV	190.596k	18.87	54.01	-35.14	Neutral
Mode 1	Pass	QP	277.385k	27.12	60.89	-33.77	Neutral
Mode 1	Pass	AV	277.385k	16.44	50.89	-34.45	Neutral
Mode 1	Pass	QP	490.912k	20.21	56.15	-35.94	Neutral
Mode 1	Pass	AV	490.912k	13.71	46.15	-32.44	Neutral
Mode 1	Pass	QP	1.797M	21.84	56.00	-34.16	Neutral
Mode 1	Pass	AV	1.797M	17.60	46.00	-28.40	Neutral
Mode 1	Pass	QP	3.584M	22.99	56.00	-33.01	Neutral
Mode 1	Pass	AV	3.584M	19.15	46.00	-26.85	Neutral
Mode 1	Pass	QP	7.122M	15.47	60.00	-44.53	Neutral
Mode 1	Pass	AV	7.122M	14.64	50.00	-35.36	Neutral
Mode 2	Pass	QP	154.251k	48.00	65.77	-17.77	Line
Mode 2	Pass	AV	154.251k	38.15	55.77	-17.62	Line
Mode 2	Pass	QP	180.236k	42.04	64.47	-22.43	Line
Mode 2	Pass	AV	180.236k	32.42	54.47	-22.05	Line
Mode 2	Pass	QP	199.152k	39.24	63.65	-24.41	Line
Mode 2	Pass	AV	199.152k	26.95	53.65	-26.70	Line
Mode 2	Pass	QP	492.876k	40.38	56.11	-15.73	Line
Mode 2	Pass	AV	492.876k	34.51	46.11	-11.60	Line
Mode 2	Pass	QP	2.776M	29.40	56.00	-26.60	Line
Mode 2	Pass	AV	2.776M	24.06	46.00	-21.94	Line
Mode 2	Pass	QP	7.561M	28.51	60.00	-31.49	Line
Mode 2	Pass	AV	7.561M	23.84	50.00	-26.16	Line
Mode 2	Pass	QP	154.251k	47.83	65.77	-17.94	Neutral
Mode 2	Pass	AV	154.251k	37.83	55.77	-17.94	Neutral
Mode 2	Pass	QP	174.571k	43.28	64.74	-21.46	Neutral
Mode 2	Pass	AV	174.571k	34.37	54.74	-20.37	Neutral
Mode 2	Pass	QP	194.439k	40.29	63.84	-23.55	Neutral
Mode 2	Pass	AV	194.439k	29.05	53.84	-24.79	Neutral
Mode 2	Pass	QP	488.957k	40.67	56.19	-15.52	Neutral
Mode 2	Pass	AV	488.957k	35.40	46.19	-10.79	Neutral
Mode 2	Pass	QP	2.843M	31.03	56.00	-24.97	Neutral
Mode 2	Pass	AV	2.843M	25.73	46.00	-20.27	Neutral
Mode 2	Pass	QP	7.122M	29.57	60.00	-30.43	Neutral
Mode 2	Pass	AV	7.122M	24.79	50.00	-25.21	Neutral

Conducted Emissions at Powerline_Mode 1



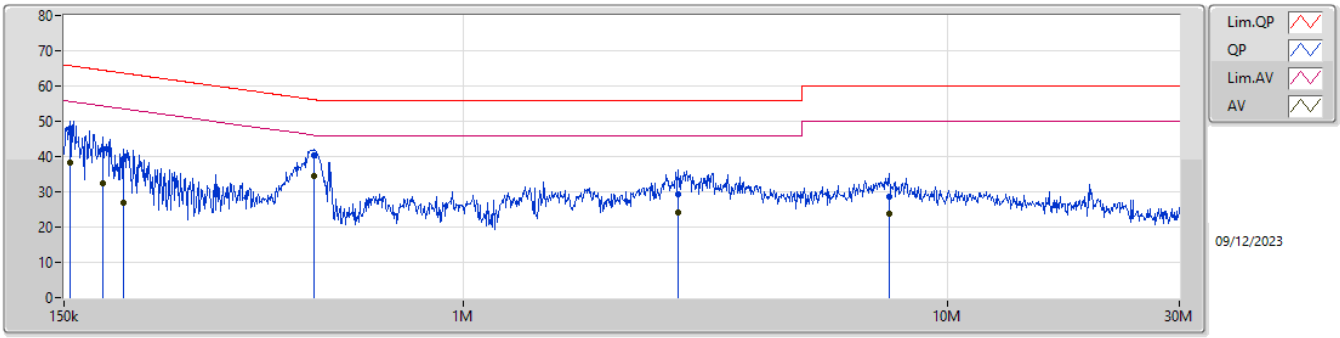
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	157.361k	32.83	65.60	-32.77	19.37	Line	-	13.46	9.59	0.03	9.75
AV	157.361k	20.26	55.60	-35.34	19.37	Line	-	0.89	9.59	0.03	9.75
QP	243.148k	29.58	61.98	-32.40	19.32	Line	-	10.26	9.59	0.03	9.70
AV	243.148k	18.41	51.98	-33.57	19.32	Line	-	-0.91	9.59	0.03	9.70
QP	368.279k	25.35	58.54	-33.19	19.39	Line	-	5.96	9.60	0.04	9.75
AV	368.279k	15.42	48.54	-33.12	19.39	Line	-	-3.97	9.60	0.04	9.75
QP	1.811M	20.04	56.00	-35.96	19.52	Line	-	0.52	9.64	0.08	9.80
AV	1.811M	16.27	46.00	-29.73	19.52	Line	-	-3.25	9.64	0.08	9.80
QP	3.472M	23.11	56.00	-32.89	19.57	Line	-	3.54	9.66	0.12	9.79
AV	3.472M	18.78	46.00	-27.22	19.57	Line	-	-0.79	9.66	0.12	9.79
QP	10.16M	15.39	60.00	-44.61	19.70	Line	-	-4.31	9.73	0.18	9.79
AV	10.16M	14.63	50.00	-35.37	19.70	Line	-	-5.07	9.73	0.18	9.79

Conducted Emissions at Powerline_Mode 1



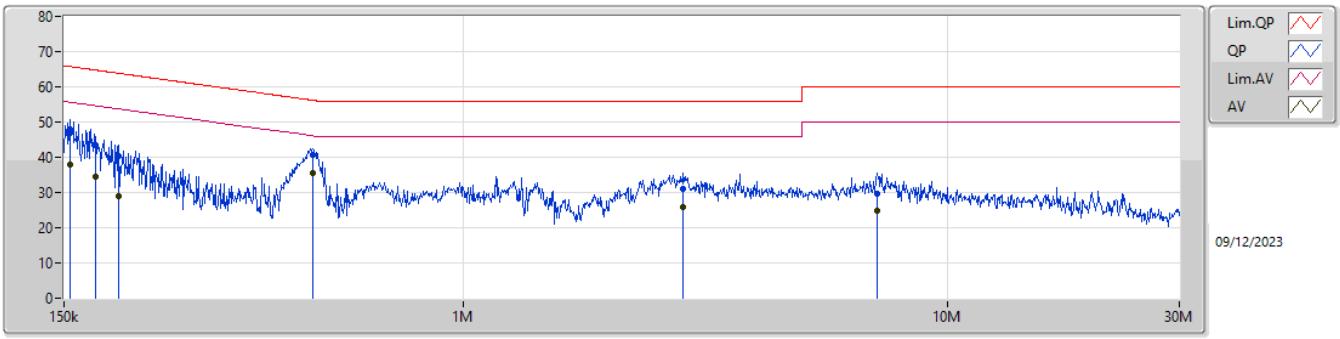
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	190.596k	30.62	64.01	-33.39	19.32	Neutral	-	11.30	9.60	0.03	9.69
AV	190.596k	18.87	54.01	-35.14	19.32	Neutral	-	-0.45	9.60	0.03	9.69
QP	277.385k	27.12	60.89	-33.77	19.35	Neutral	-	7.77	9.60	0.03	9.72
AV	277.385k	16.44	50.89	-34.45	19.35	Neutral	-	-2.91	9.60	0.03	9.72
QP	490.912k	20.21	56.15	-35.94	19.41	Neutral	-	0.80	9.60	0.04	9.77
AV	490.912k	13.71	46.15	-32.44	19.41	Neutral	-	-5.70	9.60	0.04	9.77
QP	1.797M	21.84	56.00	-34.16	19.50	Neutral	-	2.34	9.62	0.08	9.80
AV	1.797M	17.60	46.00	-28.40	19.50	Neutral	-	-1.90	9.62	0.08	9.80
QP	3.584M	22.99	56.00	-33.01	19.55	Neutral	-	3.44	9.64	0.12	9.79
AV	3.584M	19.15	46.00	-26.85	19.55	Neutral	-	-0.40	9.64	0.12	9.79
QP	7.122M	15.47	60.00	-44.53	19.63	Neutral	-	-4.16	9.68	0.16	9.79
AV	7.122M	14.64	50.00	-35.36	19.63	Neutral	-	-4.99	9.68	0.16	9.79

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.251k	48.00	65.77	-17.77	19.37	Line	-	28.63	9.59	0.03	9.75
AV	154.251k	38.15	55.77	-17.62	19.37	Line	-	18.78	9.59	0.03	9.75
QP	180.236k	42.04	64.47	-22.43	19.33	Line	-	22.71	9.59	0.03	9.71
AV	180.236k	32.42	54.47	-22.05	19.33	Line	-	13.09	9.59	0.03	9.71
QP	199.152k	39.24	63.65	-24.41	19.30	Line	-	19.94	9.59	0.03	9.68
AV	199.152k	26.95	53.65	-26.70	19.30	Line	-	7.65	9.59	0.03	9.68
QP	492.876k	40.38	56.11	-15.73	19.41	Line	-	20.97	9.60	0.04	9.77
AV	492.876k	34.51	46.11	-11.60	19.41	Line	-	15.10	9.60	0.04	9.77
QP	2.776M	29.40	56.00	-26.60	19.55	Line	-	9.85	9.65	0.10	9.80
AV	2.776M	24.06	46.00	-21.94	19.55	Line	-	4.51	9.65	0.10	9.80
QP	7.561M	28.51	60.00	-31.49	19.66	Line	-	8.85	9.71	0.16	9.79
AV	7.561M	23.84	50.00	-26.16	19.66	Line	-	4.18	9.71	0.16	9.79

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.251k	47.83	65.77	-17.94	19.38	Neutral	-	28.45	9.60	0.03	9.75
AV	154.251k	37.83	55.77	-17.94	19.38	Neutral	-	18.45	9.60	0.03	9.75
QP	174.571k	43.28	64.74	-21.46	19.35	Neutral	-	23.93	9.60	0.03	9.72
AV	174.571k	34.37	54.74	-20.37	19.35	Neutral	-	15.02	9.60	0.03	9.72
QP	194.439k	40.29	63.84	-23.55	19.32	Neutral	-	20.97	9.60	0.03	9.69
AV	194.439k	29.05	53.84	-24.79	19.32	Neutral	-	9.73	9.60	0.03	9.69
QP	488.957k	40.67	56.19	-15.52	19.41	Neutral	-	21.26	9.60	0.04	9.77
AV	488.957k	35.40	46.19	-10.79	19.41	Neutral	-	15.99	9.60	0.04	9.77
QP	2.843M	31.03	56.00	-24.97	19.53	Neutral	-	11.50	9.63	0.11	9.79
AV	2.843M	25.73	46.00	-20.27	19.53	Neutral	-	6.20	9.63	0.11	9.79
QP	7.122M	29.57	60.00	-30.43	19.63	Neutral	-	9.94	9.68	0.16	9.79
AV	7.122M	24.79	50.00	-25.21	19.63	Neutral	-	5.16	9.68	0.16	9.79

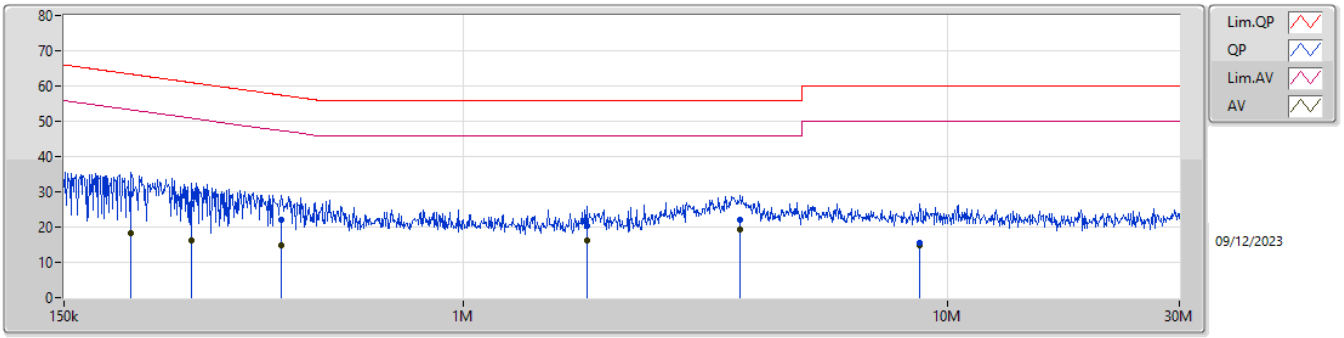
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	3.76M	20.60	46.00	-25.40	Neutral
Mode 2	Pass	AV	487.008k	35.84	46.21	-10.37	Neutral

Result

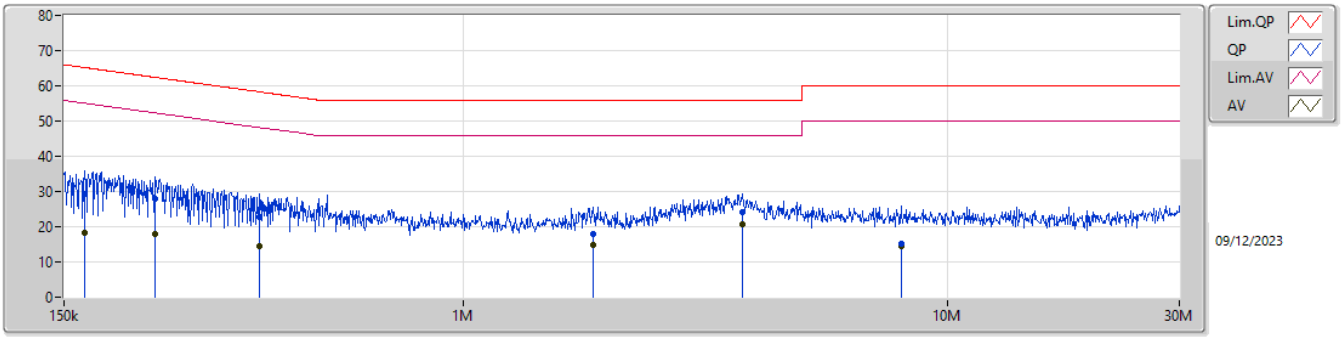
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	206.437k	29.21	63.34	-34.13	Line
Mode 1	Pass	AV	206.437k	18.23	53.34	-35.11	Line
Mode 1	Pass	QP	274.083k	26.65	60.99	-34.34	Line
Mode 1	Pass	AV	274.083k	16.10	50.99	-34.89	Line
Mode 1	Pass	QP	421.816k	22.20	57.41	-35.21	Line
Mode 1	Pass	AV	421.816k	14.82	47.41	-32.59	Line
Mode 1	Pass	QP	1.797M	20.36	56.00	-35.64	Line
Mode 1	Pass	AV	1.797M	16.28	46.00	-29.72	Line
Mode 1	Pass	QP	3.73M	22.03	56.00	-33.97	Line
Mode 1	Pass	AV	3.73M	19.25	46.00	-26.75	Line
Mode 1	Pass	QP	8.73M	15.60	60.00	-44.40	Line
Mode 1	Pass	AV	8.73M	14.72	50.00	-35.28	Line
Mode 1	Pass	QP	165.082k	29.36	65.20	-35.84	Neutral
Mode 1	Pass	AV	165.082k	18.33	55.20	-36.87	Neutral
Mode 1	Pass	QP	230.851k	28.02	62.42	-34.40	Neutral
Mode 1	Pass	AV	230.851k	17.96	52.42	-34.46	Neutral
Mode 1	Pass	QP	378.715k	22.89	58.31	-35.42	Neutral
Mode 1	Pass	AV	378.715k	14.44	48.31	-33.87	Neutral
Mode 1	Pass	QP	1.855M	17.77	56.00	-38.23	Neutral
Mode 1	Pass	AV	1.855M	14.76	46.00	-31.24	Neutral
Mode 1	Pass	QP	3.76M	24.06	56.00	-31.94	Neutral
Mode 1	Pass	AV	3.76M	20.60	46.00	-25.40	Neutral
Mode 1	Pass	QP	7.996M	15.23	60.00	-44.77	Neutral
Mode 1	Pass	AV	7.996M	14.58	50.00	-35.42	Neutral
Mode 2	Pass	QP	150k	47.75	66.00	-18.25	Line
Mode 2	Pass	AV	150k	37.35	56.00	-18.65	Line
Mode 2	Pass	QP	175.97k	43.26	64.68	-21.42	Line
Mode 2	Pass	AV	175.97k	34.11	54.68	-20.57	Line
Mode 2	Pass	QP	212.287k	37.10	63.11	-26.01	Line
Mode 2	Pass	AV	212.287k	24.39	53.11	-28.72	Line
Mode 2	Pass	QP	494.848k	40.29	56.10	-15.81	Line
Mode 2	Pass	AV	494.848k	34.30	46.10	-11.80	Line
Mode 2	Pass	QP	3.18M	30.14	56.00	-25.86	Line
Mode 2	Pass	AV	3.18M	24.39	46.00	-21.61	Line
Mode 2	Pass	QP	7.324M	28.84	60.00	-31.16	Line
Mode 2	Pass	AV	7.324M	24.12	50.00	-25.88	Line
Mode 2	Pass	QP	152.414k	48.31	65.87	-17.56	Neutral
Mode 2	Pass	AV	152.414k	38.13	55.87	-17.74	Neutral
Mode 2	Pass	QP	171.121k	44.08	64.91	-20.83	Neutral
Mode 2	Pass	AV	171.121k	34.48	54.91	-20.43	Neutral
Mode 2	Pass	QP	208.092k	37.76	63.28	-25.52	Neutral
Mode 2	Pass	AV	208.092k	26.31	53.28	-26.97	Neutral
Mode 2	Pass	QP	487.008k	40.80	56.21	-15.41	Neutral
Mode 2	Pass	AV	487.008k	35.84	46.21	-10.37	Neutral
Mode 2	Pass	QP	1.239M	27.94	56.00	-28.06	Neutral
Mode 2	Pass	AV	1.239M	24.85	46.00	-21.15	Neutral
Mode 2	Pass	QP	7.745M	28.38	60.00	-31.62	Neutral
Mode 2	Pass	AV	7.745M	23.45	50.00	-26.55	Neutral

Conducted Emissions at Powerline_Mode 1



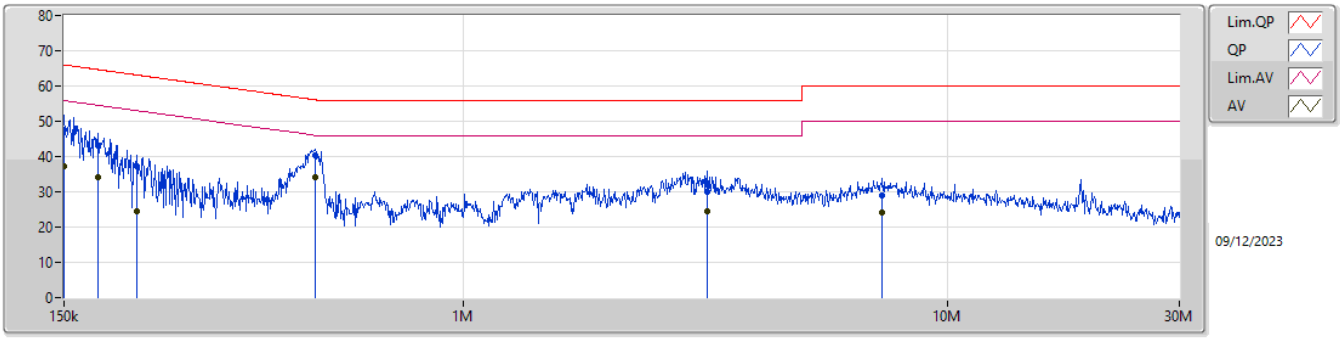
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	206.437k	29.21	63.34	-34.13	19.30	Line	-	9.91	9.59	0.03	9.68
AV	206.437k	18.23	53.34	-35.11	19.30	Line	-	-1.07	9.59	0.03	9.68
QP	274.083k	26.65	60.99	-34.34	19.34	Line	-	7.31	9.59	0.03	9.72
AV	274.083k	16.10	50.99	-34.89	19.34	Line	-	-3.24	9.59	0.03	9.72
QP	421.816k	22.20	57.41	-35.21	19.40	Line	-	2.80	9.60	0.04	9.76
AV	421.816k	14.82	47.41	-32.59	19.40	Line	-	-4.58	9.60	0.04	9.76
QP	1.797M	20.36	56.00	-35.64	19.52	Line	-	0.84	9.64	0.08	9.80
AV	1.797M	16.28	46.00	-29.72	19.52	Line	-	-3.24	9.64	0.08	9.80
QP	3.73M	22.03	56.00	-33.97	19.59	Line	-	2.44	9.67	0.13	9.79
AV	3.73M	19.25	46.00	-26.75	19.59	Line	-	-0.34	9.67	0.13	9.79
QP	8.73M	15.60	60.00	-44.40	19.68	Line	-	-4.08	9.72	0.17	9.79
AV	8.73M	14.72	50.00	-35.28	19.68	Line	-	-4.96	9.72	0.17	9.79

Conducted Emissions at Powerline_Mode 1



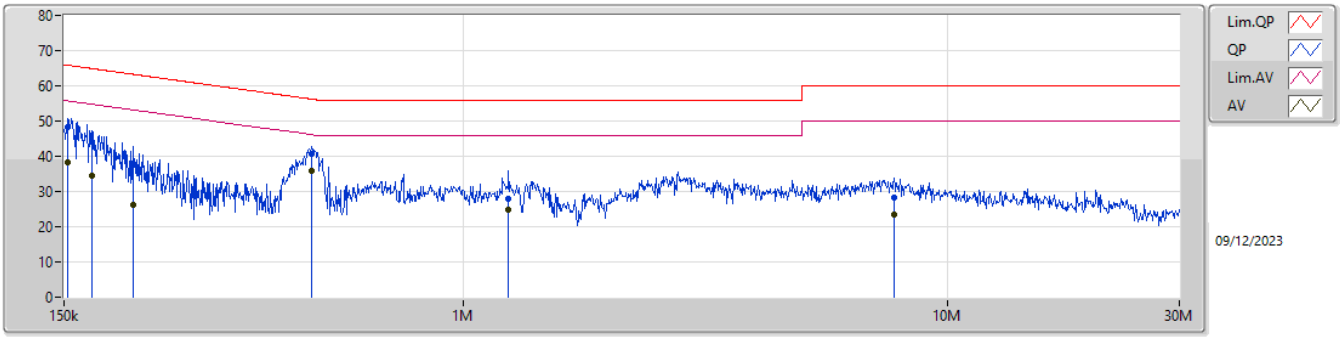
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	165.082k	29.36	65.20	-35.84	19.36	Neutral	-	10.00	9.60	0.03	9.73
AV	165.082k	18.33	55.20	-36.87	19.36	Neutral	-	-1.03	9.60	0.03	9.73
QP	230.851k	28.02	62.42	-34.40	19.33	Neutral	-	8.69	9.60	0.03	9.70
AV	230.851k	17.96	52.42	-34.46	19.33	Neutral	-	-1.37	9.60	0.03	9.70
QP	378.715k	22.89	58.31	-35.42	19.39	Neutral	-	3.50	9.60	0.04	9.75
AV	378.715k	14.44	48.31	-33.87	19.39	Neutral	-	-4.95	9.60	0.04	9.75
QP	1.855M	17.77	56.00	-38.23	19.50	Neutral	-	-1.73	9.62	0.08	9.80
AV	1.855M	14.76	46.00	-31.24	19.50	Neutral	-	-4.74	9.62	0.08	9.80
QP	3.76M	24.06	56.00	-31.94	19.56	Neutral	-	4.50	9.64	0.13	9.79
AV	3.76M	20.60	46.00	-25.40	19.56	Neutral	-	1.04	9.64	0.13	9.79
QP	7.996M	15.23	60.00	-44.77	19.65	Neutral	-	-4.42	9.69	0.17	9.79
AV	7.996M	14.58	50.00	-35.42	19.65	Neutral	-	-5.07	9.69	0.17	9.79

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	47.75	66.00	-18.25	19.38	Line	-	28.37	9.59	0.03	9.76
AV	150k	37.35	56.00	-18.65	19.38	Line	-	17.97	9.59	0.03	9.76
QP	175.97k	43.26	64.68	-21.42	19.34	Line	-	23.92	9.59	0.03	9.72
AV	175.97k	34.11	54.68	-20.57	19.34	Line	-	14.77	9.59	0.03	9.72
QP	212.287k	37.10	63.11	-26.01	19.31	Line	-	17.79	9.59	0.03	9.69
AV	212.287k	24.39	53.11	-28.72	19.31	Line	-	5.08	9.59	0.03	9.69
QP	494.848k	40.29	56.10	-15.81	19.41	Line	-	20.88	9.60	0.04	9.77
AV	494.848k	34.30	46.10	-11.80	19.41	Line	-	14.89	9.60	0.04	9.77
QP	3.18M	30.14	56.00	-25.86	19.56	Line	-	10.58	9.66	0.11	9.79
AV	3.18M	24.39	46.00	-21.61	19.56	Line	-	4.83	9.66	0.11	9.79
QP	7.324M	28.84	60.00	-31.16	19.66	Line	-	9.18	9.71	0.16	9.79
AV	7.324M	24.12	50.00	-25.88	19.66	Line	-	4.46	9.71	0.16	9.79

Conducted Emissions at Powerline_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	152.414k	48.31	65.87	-17.56	19.38	Neutral	-	28.93	9.60	0.03	9.75
AV	152.414k	38.13	55.87	-17.74	19.38	Neutral	-	18.75	9.60	0.03	9.75
QP	171.121k	44.08	64.91	-20.83	19.35	Neutral	-	24.73	9.60	0.03	9.72
AV	171.121k	34.48	54.91	-20.43	19.35	Neutral	-	15.13	9.60	0.03	9.72
QP	208.092k	37.76	63.28	-25.52	19.31	Neutral	-	18.45	9.60	0.03	9.68
AV	208.092k	26.31	53.28	-26.97	19.31	Neutral	-	7.00	9.60	0.03	9.68
QP	487.008k	40.80	56.21	-15.41	19.41	Neutral	-	21.39	9.60	0.04	9.77
AV	487.008k	35.84	46.21	-10.37	19.41	Neutral	-	16.43	9.60	0.04	9.77
QP	1.239M	27.94	56.00	-28.06	19.47	Neutral	-	8.47	9.61	0.06	9.80
AV	1.239M	24.85	46.00	-21.15	19.47	Neutral	-	5.38	9.61	0.06	9.80
QP	7.745M	28.38	60.00	-31.62	19.64	Neutral	-	8.74	9.68	0.17	9.79
AV	7.745M	23.45	50.00	-26.55	19.64	Neutral	-	3.81	9.68	0.17	9.79

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)	1.051M	899.315k	899KF1D	921.25k	874.452k
BT-EDR(2Mbps)	1.304M	1.156M	1M16G1D	1.284M	1.155M
BT-EDR(3Mbps)	1.249M	1.163M	1M16G1D	1.238M	1.157M

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

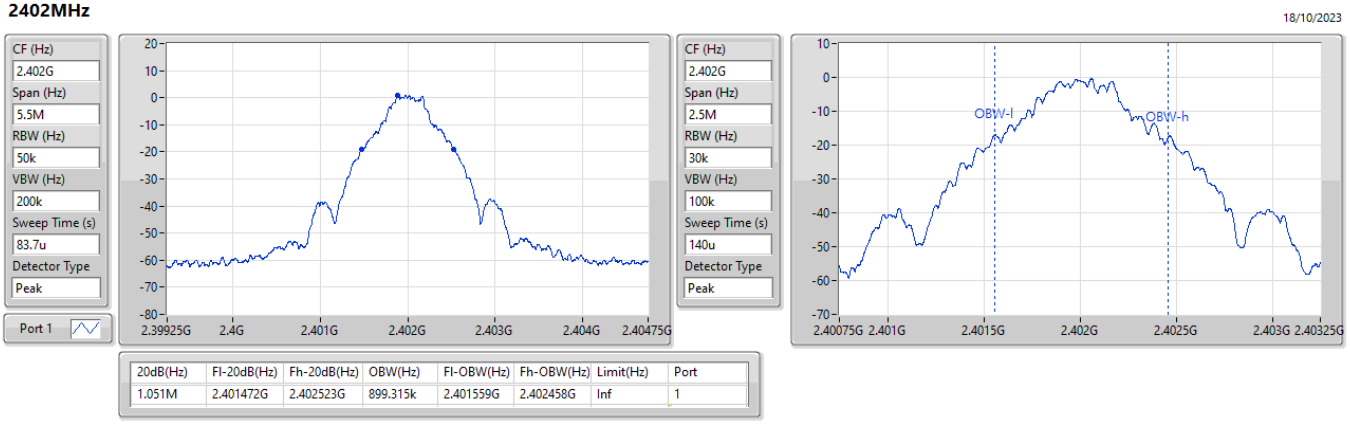
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.051M	899.315k
2440MHz	Pass	Inf	921.25k	881.521k
2480MHz	Pass	Inf	921.25k	874.452k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.284M	1.156M
2440MHz	Pass	Inf	1.287M	1.155M
2480MHz	Pass	Inf	1.304M	1.156M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.238M	1.157M
2440MHz	Pass	Inf	1.249M	1.159M
2480MHz	Pass	Inf	1.246M	1.163M

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**

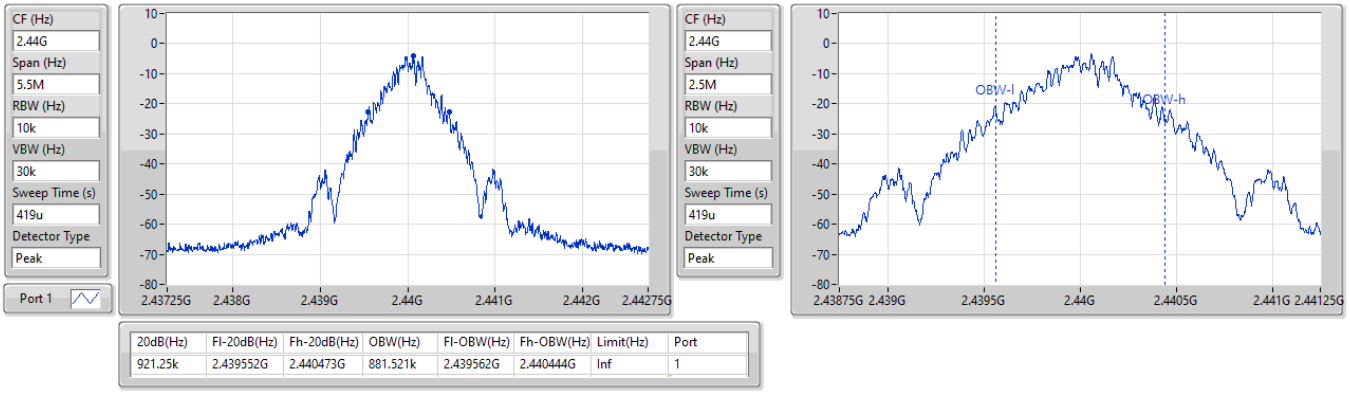
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.051M	2.401472G	2.402523G	899.315k	2.401559G	2.402458G	Inf	1

2.4-2.4835GHz_BT-BR(1Mbps) **EBW-FS**

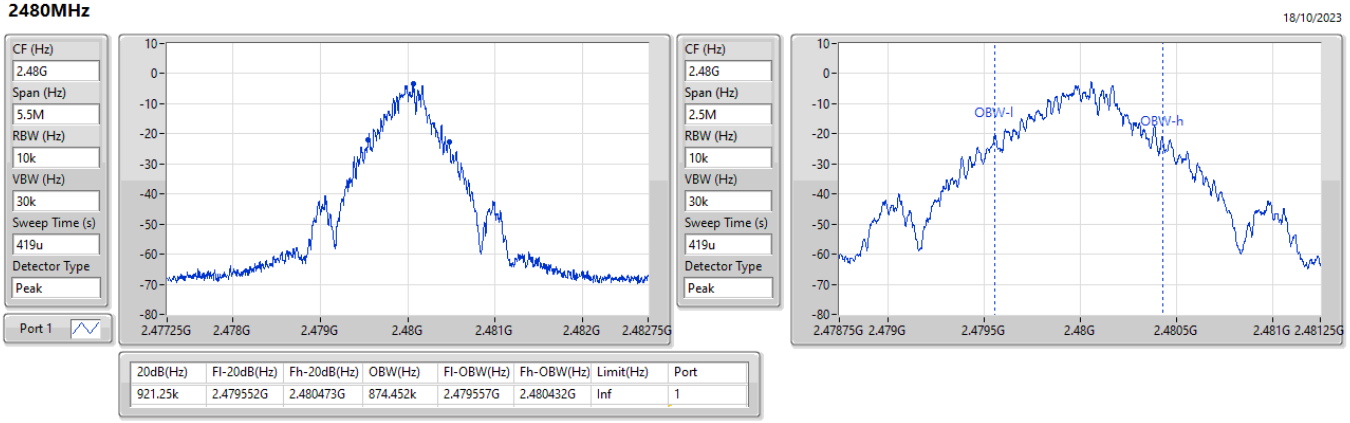
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
921.25k	2.439552G	2.440473G	881.521k	2.439562G	2.440444G	Inf	1

2.4-2.4835GHz_BT-BR(1Mbps) **EBW-FS**

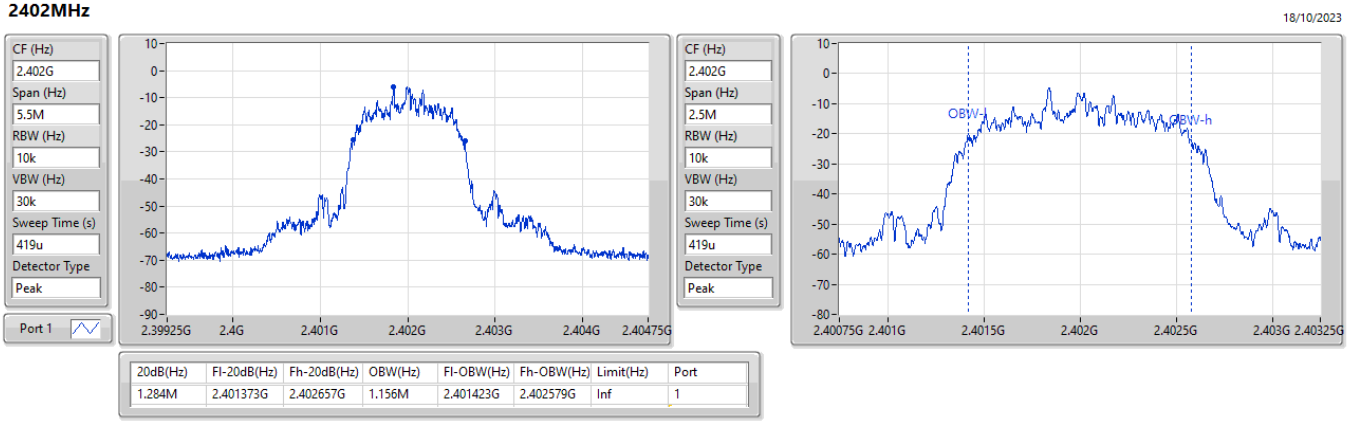
2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
921.25k	2.479552G	2.480473G	874.452k	2.479557G	2.480432G	Inf	1

2.4-2.4835GHz_BT-EDR(2Mbps) **EBW-FS**

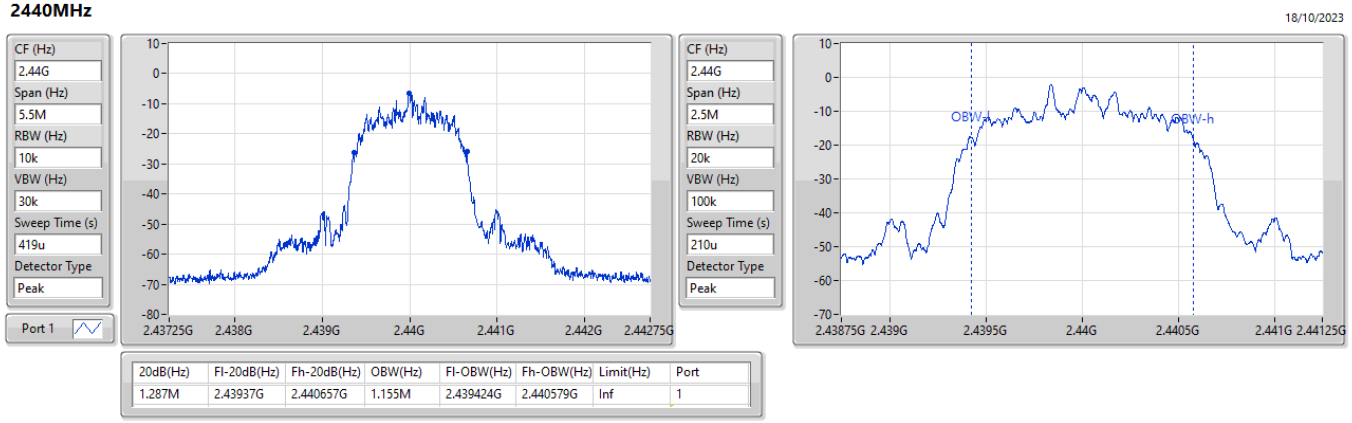
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.284M	2.401373G	2.402657G	1.156M	2.401423G	2.402579G	Inf	1

2.4-2.4835GHz_BT-EDR(2Mbps) **EBW-FS**

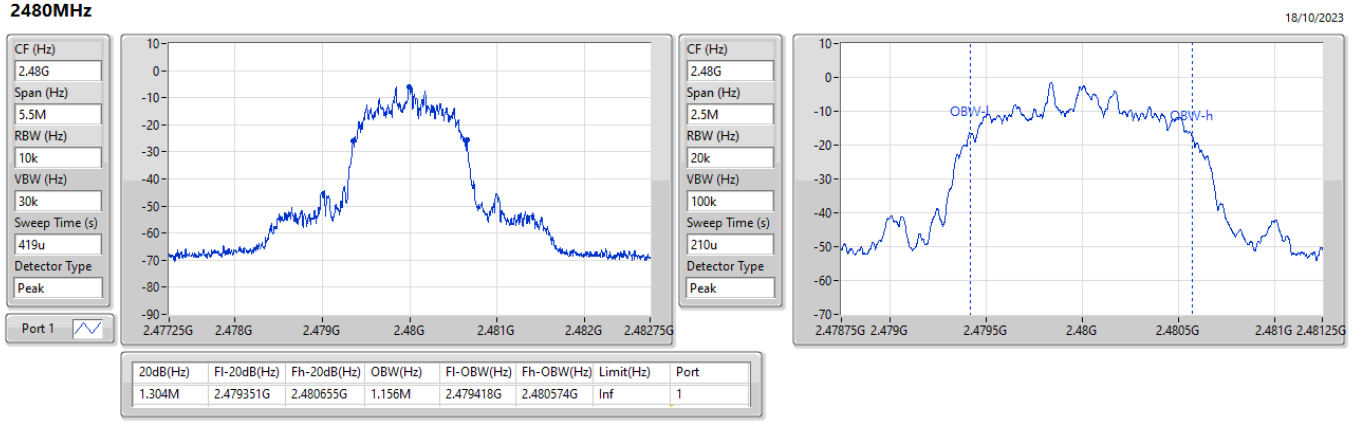
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.287M	2.43937G	2.440657G	1.155M	2.439424G	2.440579G	Inf	1

2.4-2.4835GHz_BT-EDR(2Mbps) **EBW-FS**

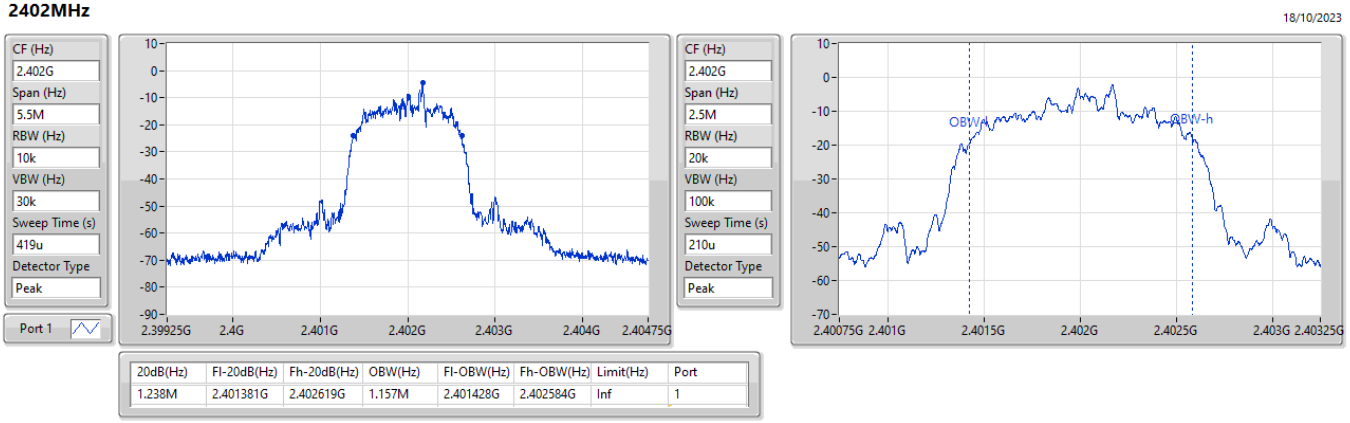
2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.304M	2.479351G	2.480655G	1.156M	2.479418G	2.480574G	Inf	1

2.4-2.4835GHz_BT-EDR(3Mbps) **EBW-FS**

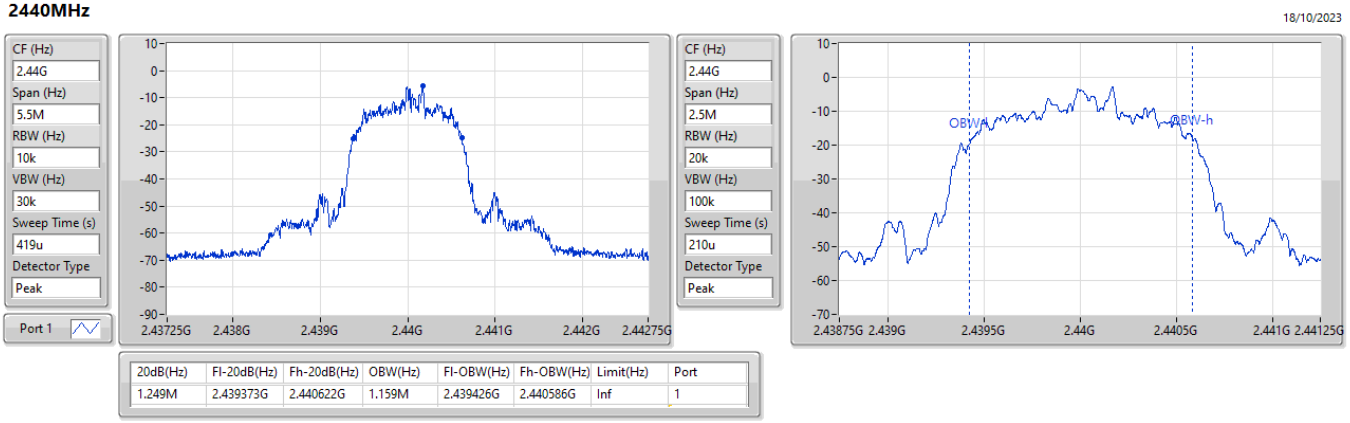
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.238M	2.401381G	2.402619G	1.157M	2.401428G	2.402584G	Inf	1

2.4-2.4835GHz_BT-EDR(3Mbps) **EBW-FS**

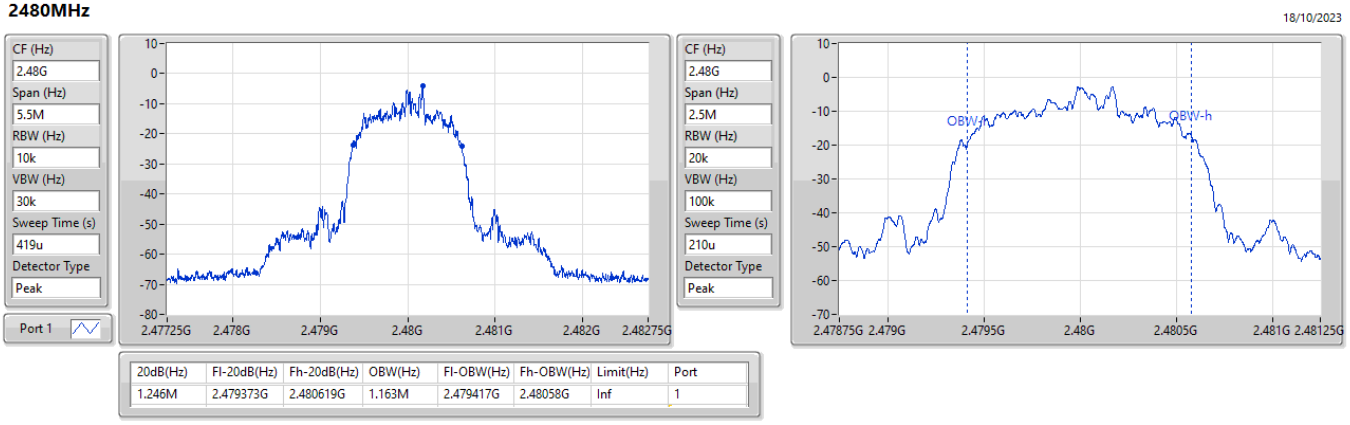
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.249M	2.439373G	2.440622G	1.159M	2.439426G	2.440586G	Inf	1

2.4-2.4835GHz_BT-EDR(3Mbps) **EBW-FS**

2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.246M	2.479373G	2.480619G	1.163M	2.479417G	2.48058G	Inf	1

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)	979k	889.334k	889KF1D	915.75k	878.471k
BT-EDR(2Mbps)	1.246M	1.172M	1M17G1D	1.202M	1.153M
BT-EDR(3Mbps)	1.251M	1.163M	1M16G1D	1.246M	1.156M

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

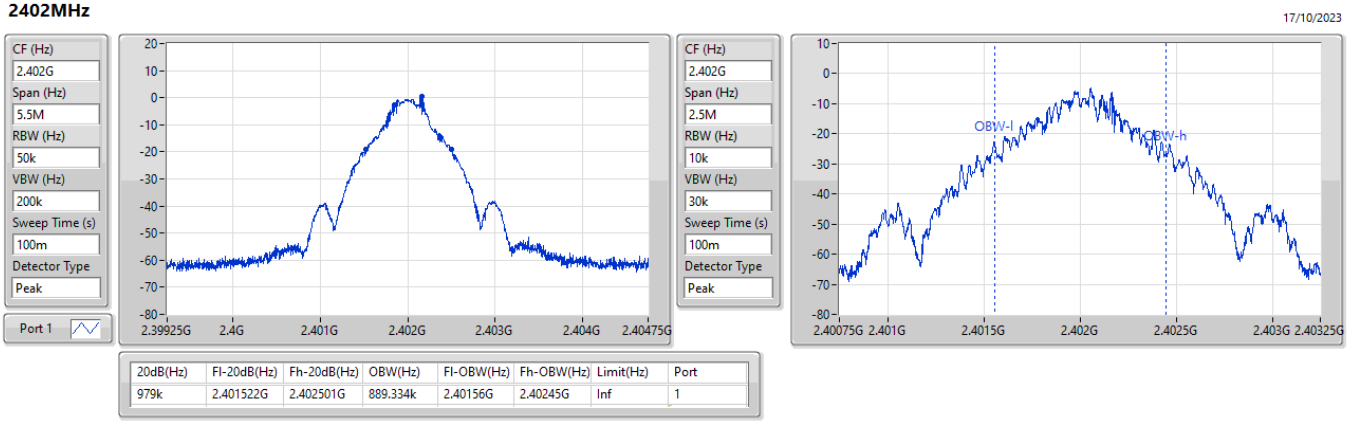
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	979k	889.334k
2440MHz	Pass	Inf	915.75k	886.51k
2480MHz	Pass	Inf	918.5k	878.471k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.218M	1.172M
2440MHz	Pass	Inf	1.202M	1.153M
2480MHz	Pass	Inf	1.246M	1.17M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.251M	1.161M
2440MHz	Pass	Inf	1.246M	1.156M
2480MHz	Pass	Inf	1.249M	1.163M

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**

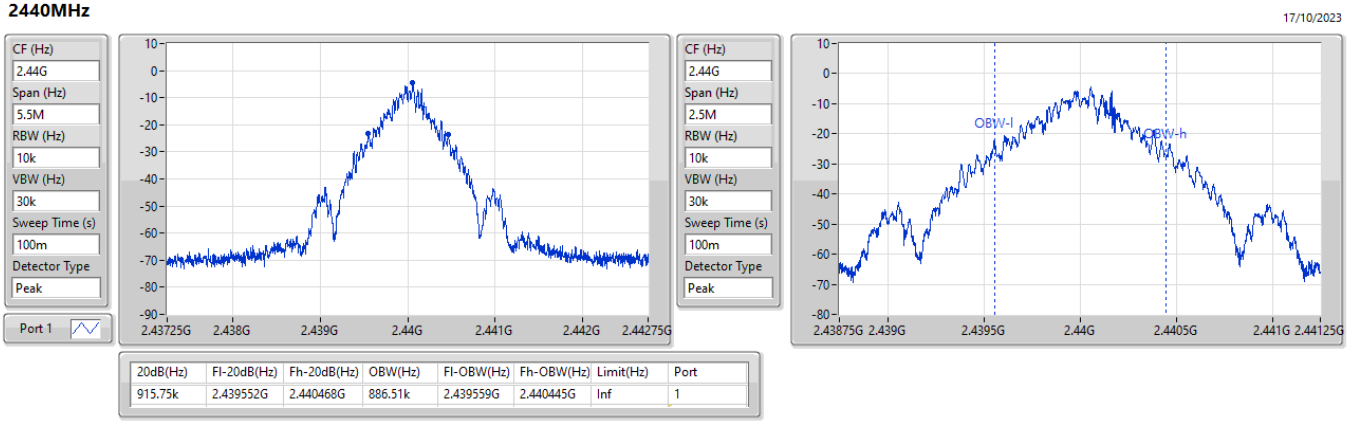
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
979k	2.401522G	2.402501G	889.334k	2.40156G	2.40245G	Inf	1

2.4-2.4835GHz_BT-BR(1Mbps) **EBW-FS**

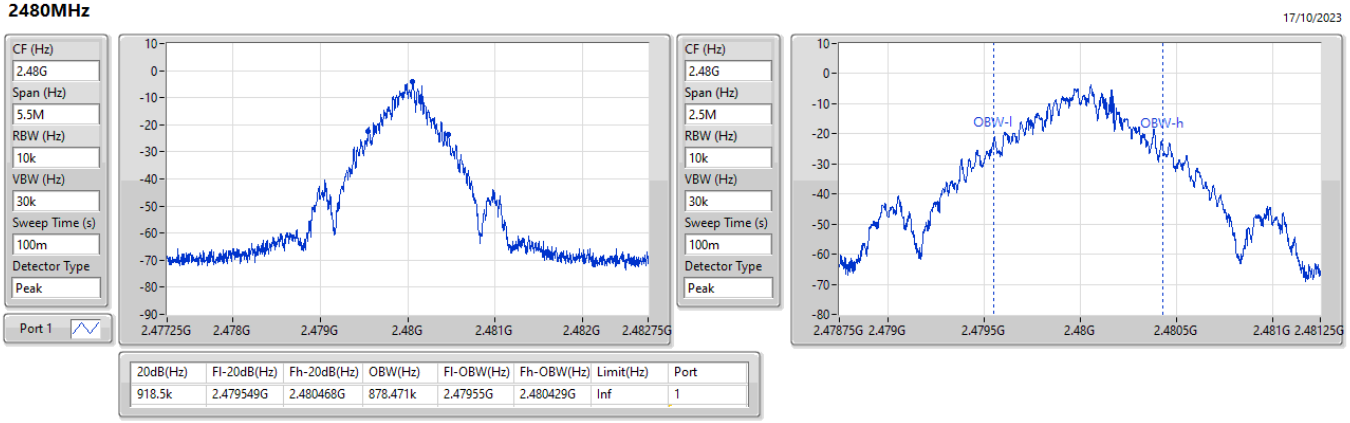
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
915.75k	2.439552G	2.440468G	886.51k	2.439559G	2.440445G	Inf	1

2.4-2.4835GHz_BT-BR(1Mbps) **EBW-FS**

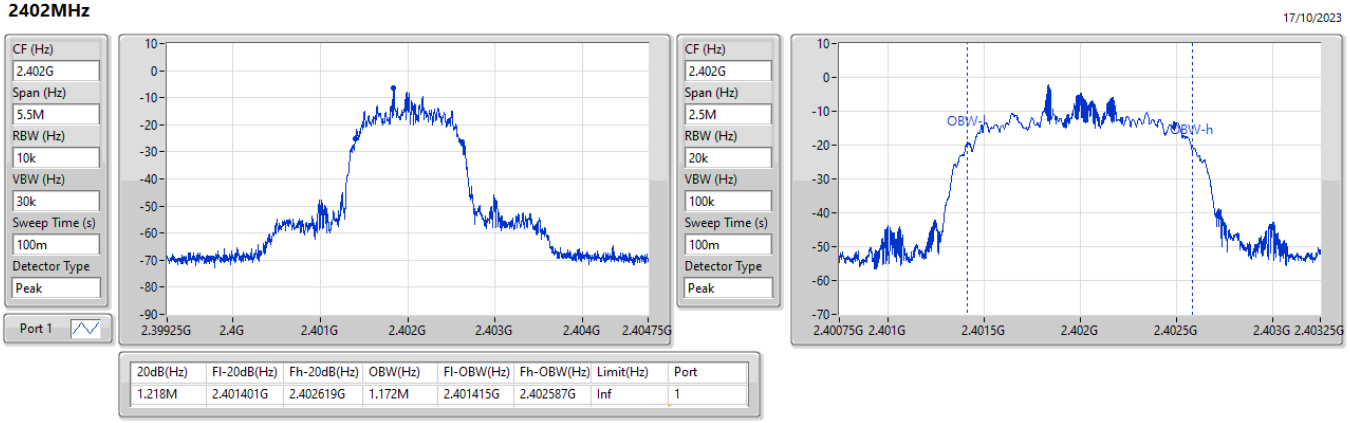
2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
918.5k	2.479549G	2.480468G	878.471k	2.47955G	2.480429G	Inf	1

2.4-2.4835GHz_BT-EDR(2Mbps) **EBW-FS**

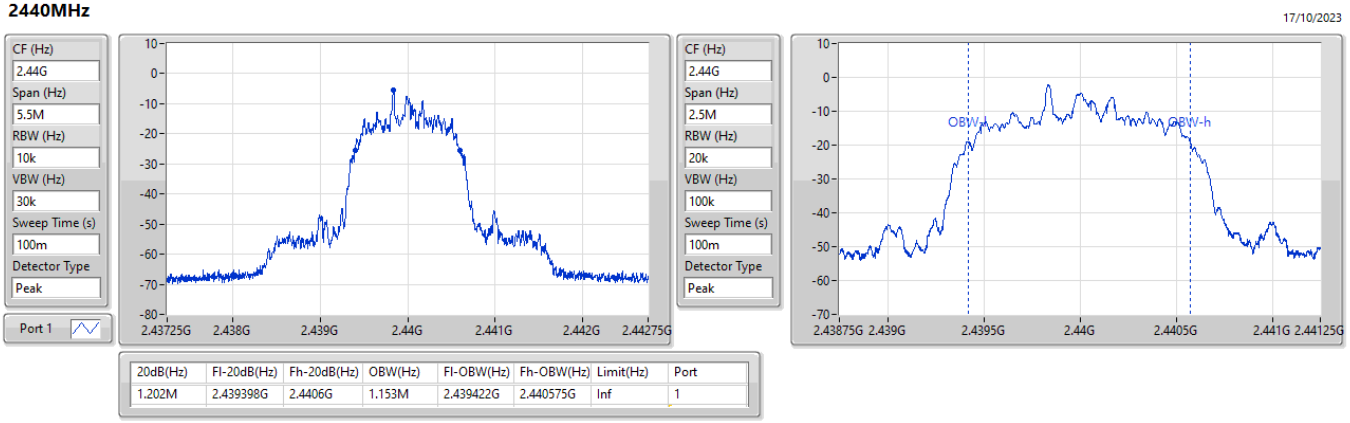
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.218M	2.401401G	2.402619G	1.172M	2.401415G	2.402587G	Inf	1

2.4-2.4835GHz_BT-EDR(2Mbps) **EBW-FS**

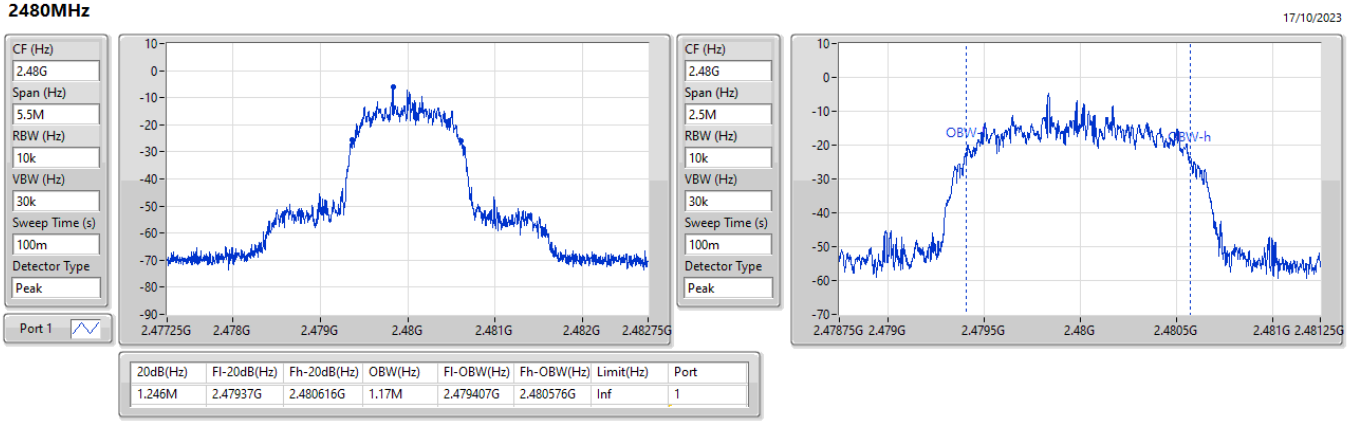
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.202M	2.439398G	2.4406G	1.153M	2.439422G	2.440575G	Inf	1

2.4-2.4835GHz_BT-EDR(2Mbps) **EBW-FS**

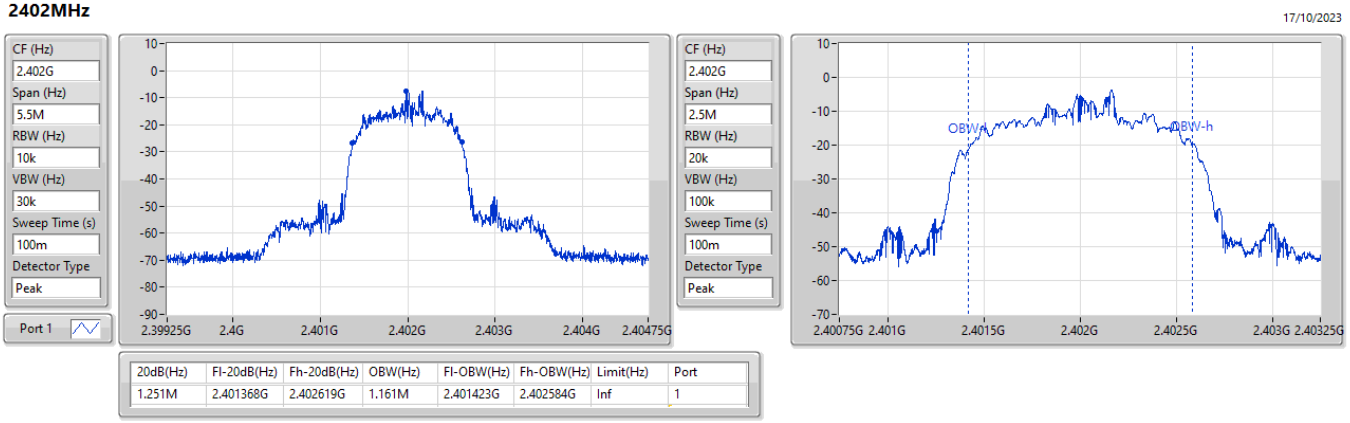
2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.246M	2.47937G	2.480616G	1.17M	2.479407G	2.480576G	Inf	1

2.4-2.4835GHz_BT-EDR(3Mbps) **EBW-FS**

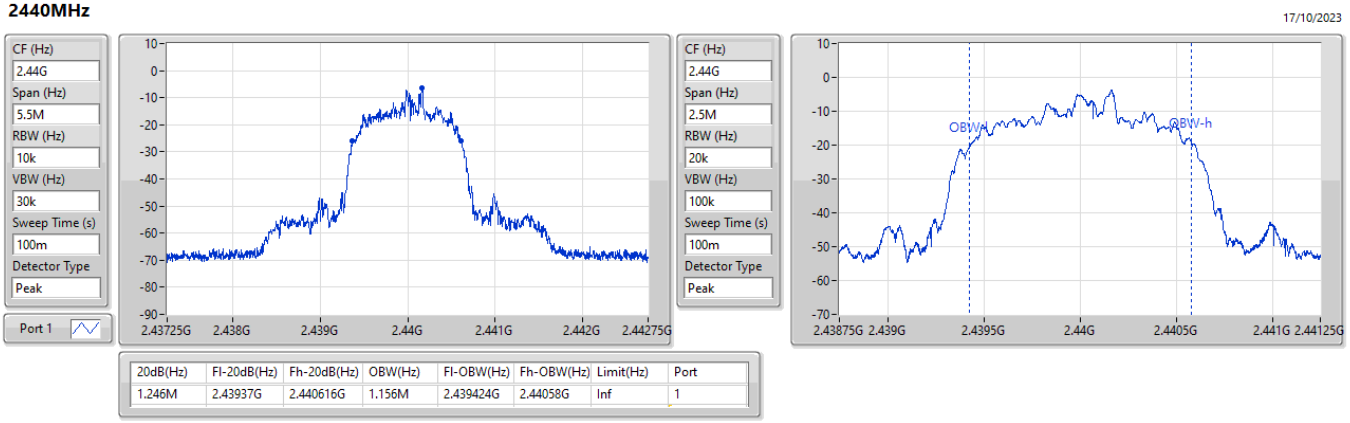
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.251M	2.401368G	2.402619G	1.161M	2.401423G	2.402584G	Inf	1

2.4-2.4835GHz_BT-EDR(3Mbps) **EBW-FS**

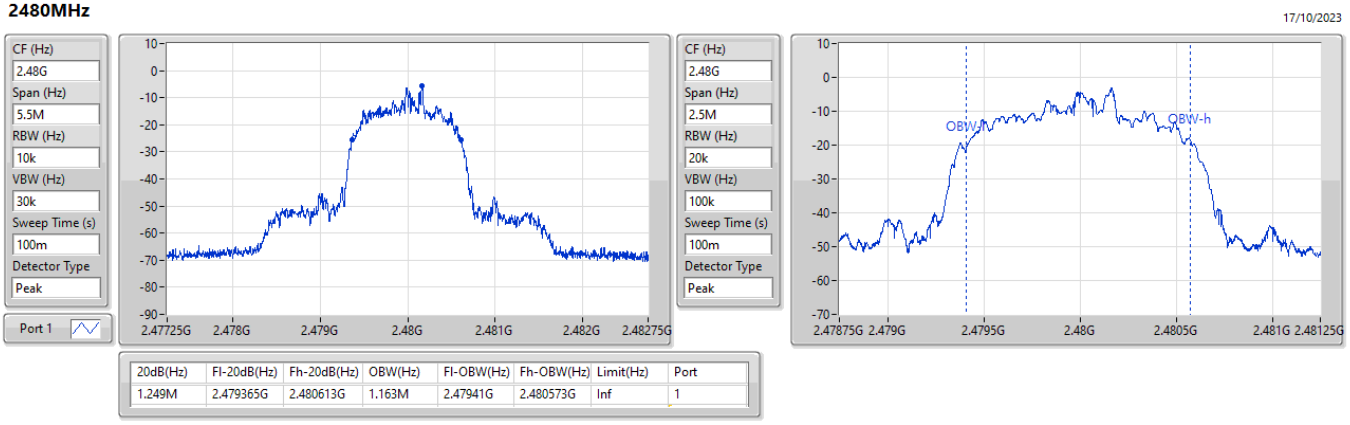
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.246M	2.43937G	2.440616G	1.156M	2.439424G	2.44058G	Inf	1

2.4-2.4835GHz_BT-EDR(3Mbps) **EBW-FS**

2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.249M	2.479365G	2.480613G	1.163M	2.47941G	2.480573G	Inf	1

Summary

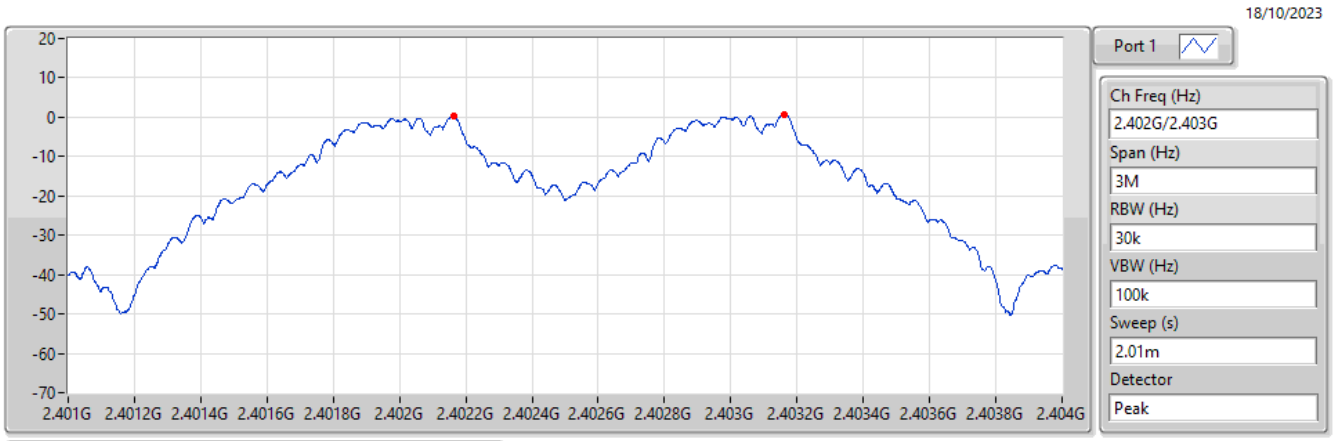
Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0035M	1.0005M
BT-EDR(2Mbps)	1.0005M	999k
BT-EDR(3Mbps)	1.002M	1.0005M

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.402163G	2.403163G	1.0005M	699.966k
2440MHz	Pass	2.44016G	2.441163G	1.0035M	613.5525k
2480MHz	Pass	2.479161G	2.480163G	1.002M	613.5525k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.40184G	2.402839G	999k	855.144k
2440MHz	Pass	2.439839G	2.440839G	1.0005M	857.142k
2480MHz	Pass	2.47884G	2.479839G	999k	868.464k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.402158G	2.403159G	1.0005M	824.508k
2440MHz	Pass	2.440164G	2.441166G	1.002M	831.834k
2480MHz	Pass	2.479163G	2.480163G	1.0005M	829.836k

2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.402163G	2.403163G	1.0005M	699.966k

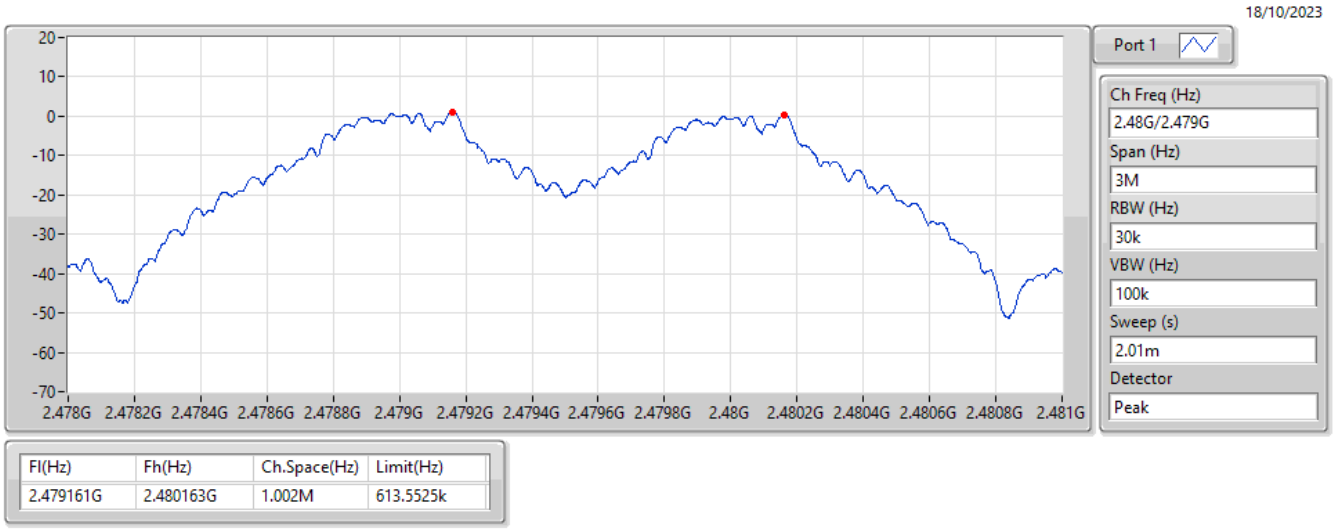
2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

2.44G/2.441GHz

Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.44016G	2.441163G	1.0035M	613.5525k

2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

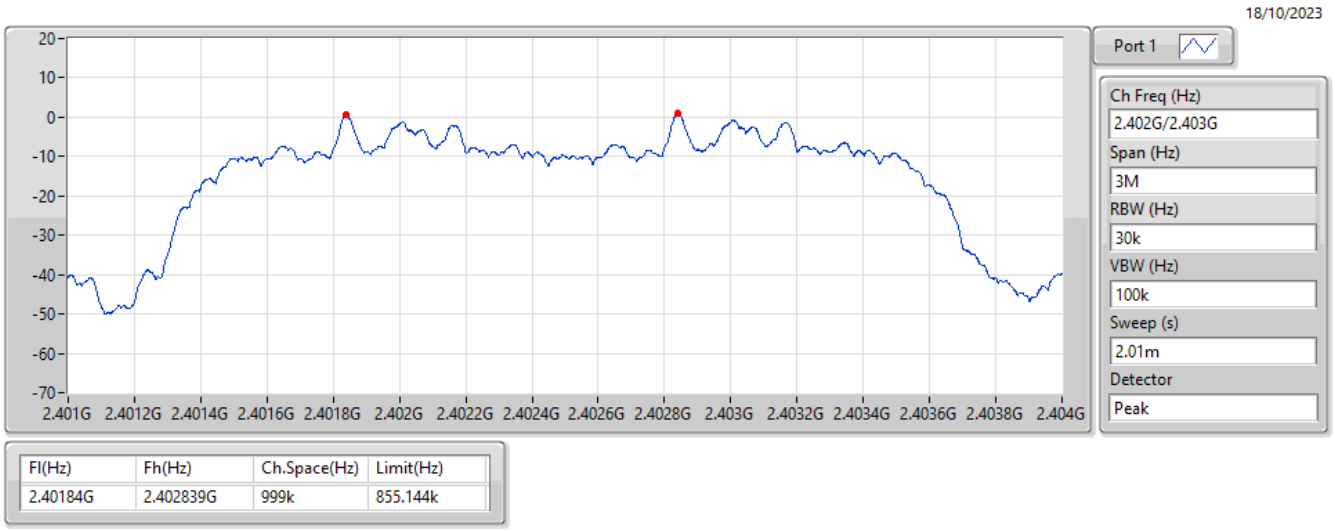
2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.479161G	2.480163G	1.002M	613.5525k

2.4-2.4835GHz_BT-EDR(2Mbps) **Channel Separation-FS**

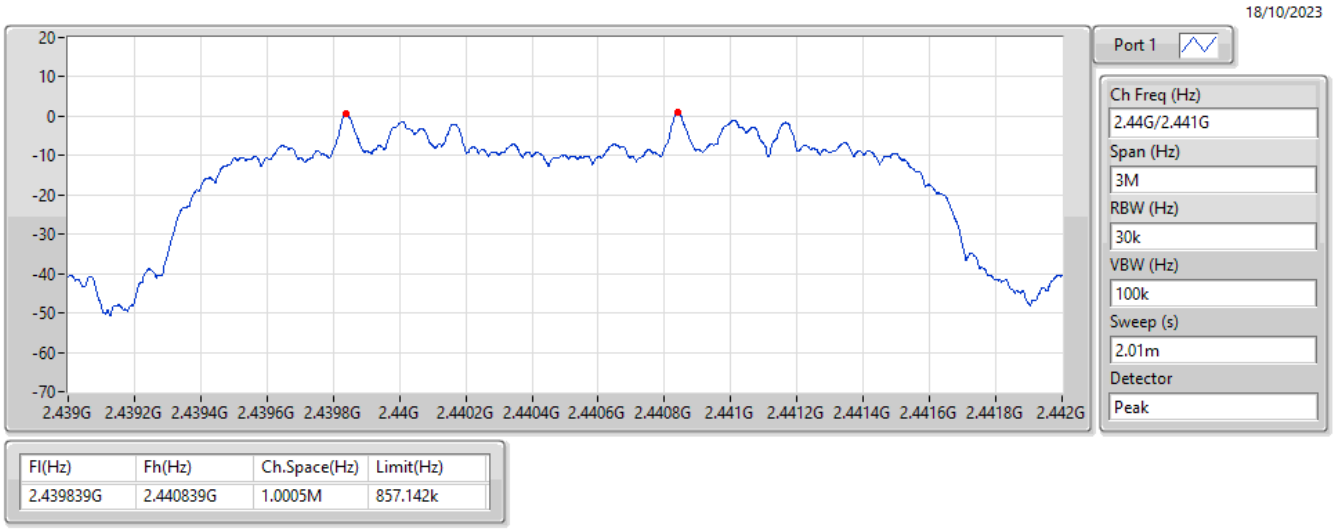
2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.40184G	2.402839G	999k	855.144k

2.4-2.4835GHz_BT-EDR(2Mbps) **Channel Separation-FS**

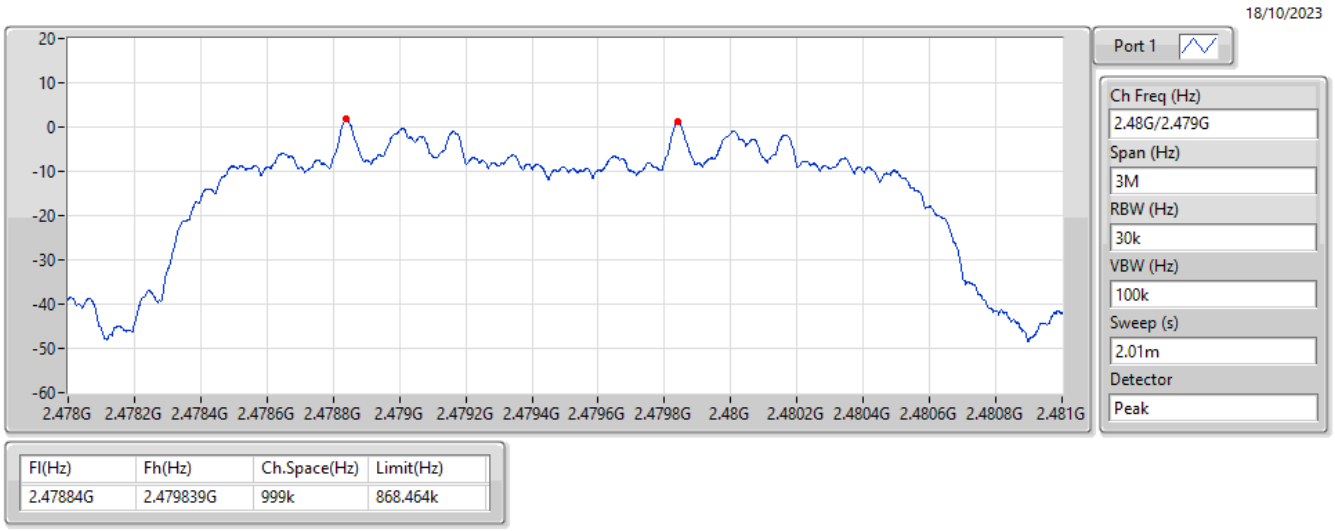
2.44G/2.441GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.439839G	2.440839G	1.0005M	857.142k

2.4-2.4835GHz_BT-EDR(2Mbps) **Channel Separation-FS**

2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.47884G	2.479839G	999k	868.464k

2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

2.402G/2.403GHz

Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.402158G	2.403159G	1.0005M	824.508k

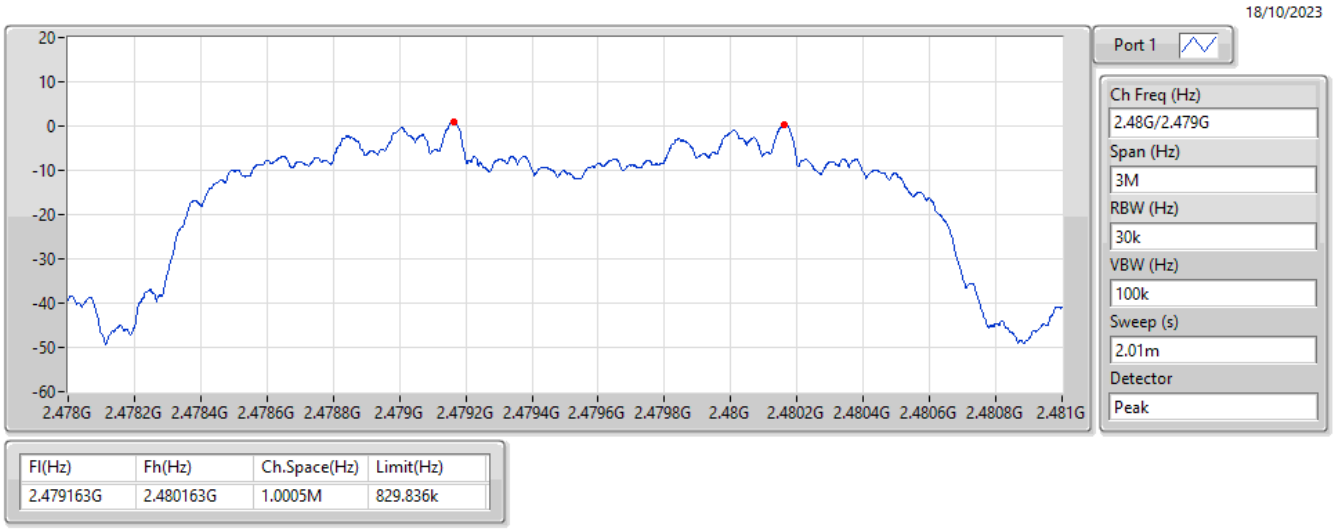
2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

2.44G/2.441GHz

Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.440164G	2.441166G	1.002M	831.834k

2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.479163G	2.480163G	1.0005M	829.836k

Summary

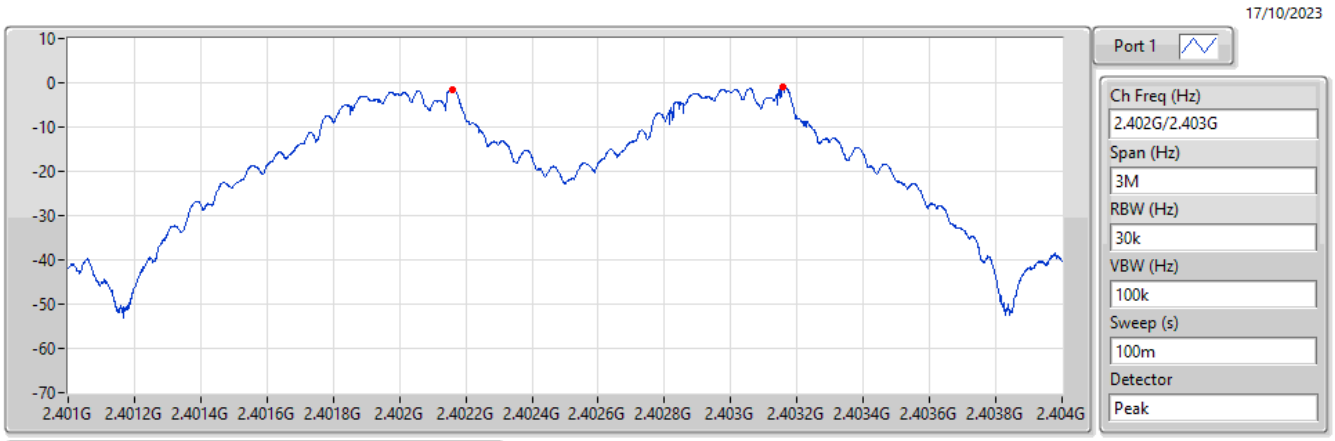
Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0035M	1.0005M
BT-EDR(2Mbps)	1.0005M	999k
BT-EDR(3Mbps)	1.002M	999k

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.402158G	2.403159G	1.0005M	652.014k
2440MHz	Pass	2.440158G	2.441162G	1.0035M	609.8895k
2480MHz	Pass	2.479158G	2.48016G	1.002M	611.721k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.401837G	2.402838G	1.0005M	811.188k
2440MHz	Pass	2.439837G	2.440836G	999k	800.532k
2480MHz	Pass	2.478839G	2.479838G	999k	829.836k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.40216G	2.403159G	999k	833.166k
2440MHz	Pass	2.440158G	2.44116G	1.002M	829.836k
2480MHz	Pass	2.479158G	2.48016G	1.002M	831.834k

2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

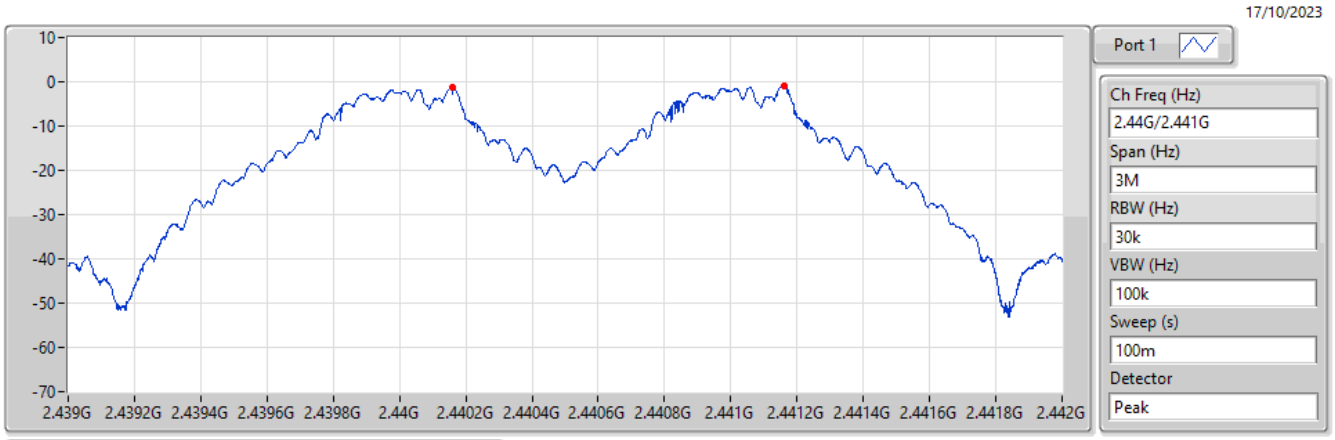
2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.402158G	2.403159G	1.0005M	652.014k

2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

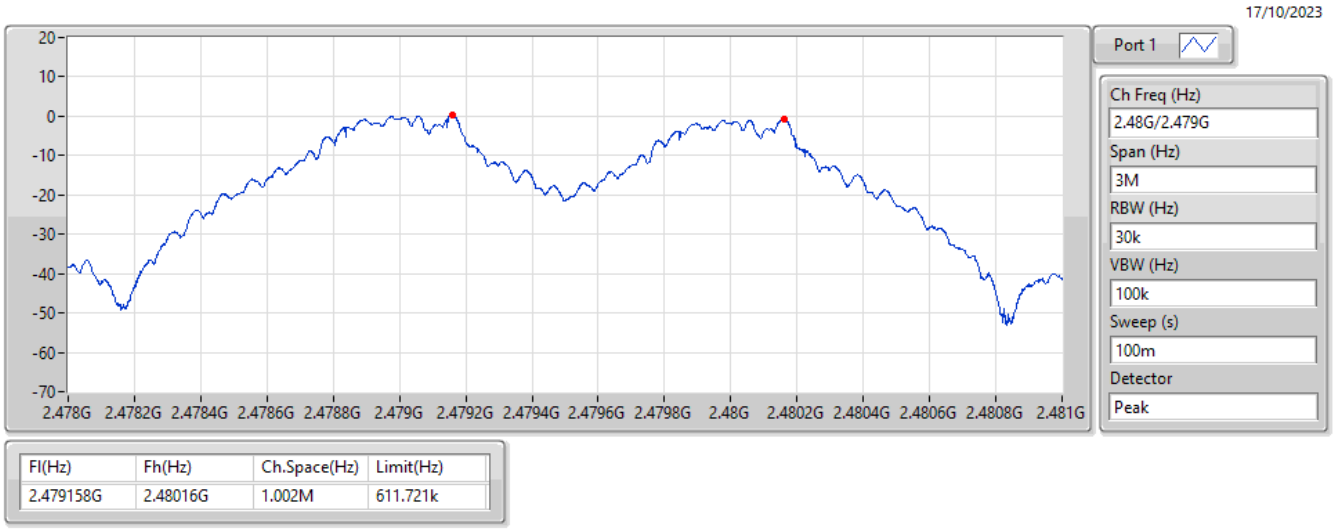
2.44G/2.441GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.440158G	2.441162G	1.0035M	609.8895k

2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

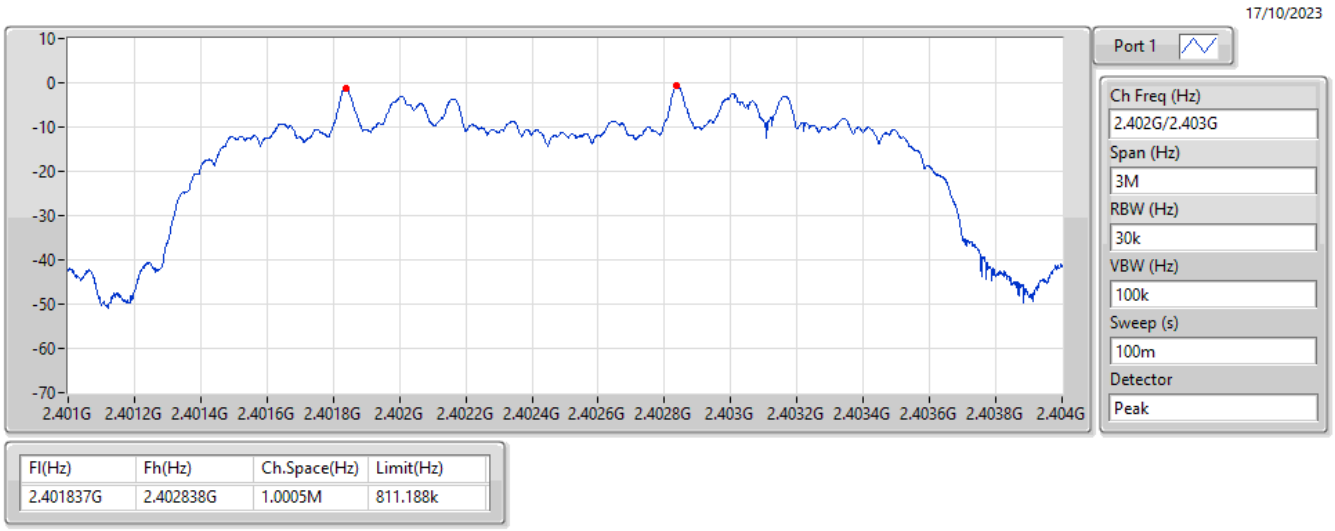
2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.479158G	2.48016G	1.002M	611.721k

2.4-2.4835GHz_BT-EDR(2Mbps) **Channel Separation-FS**

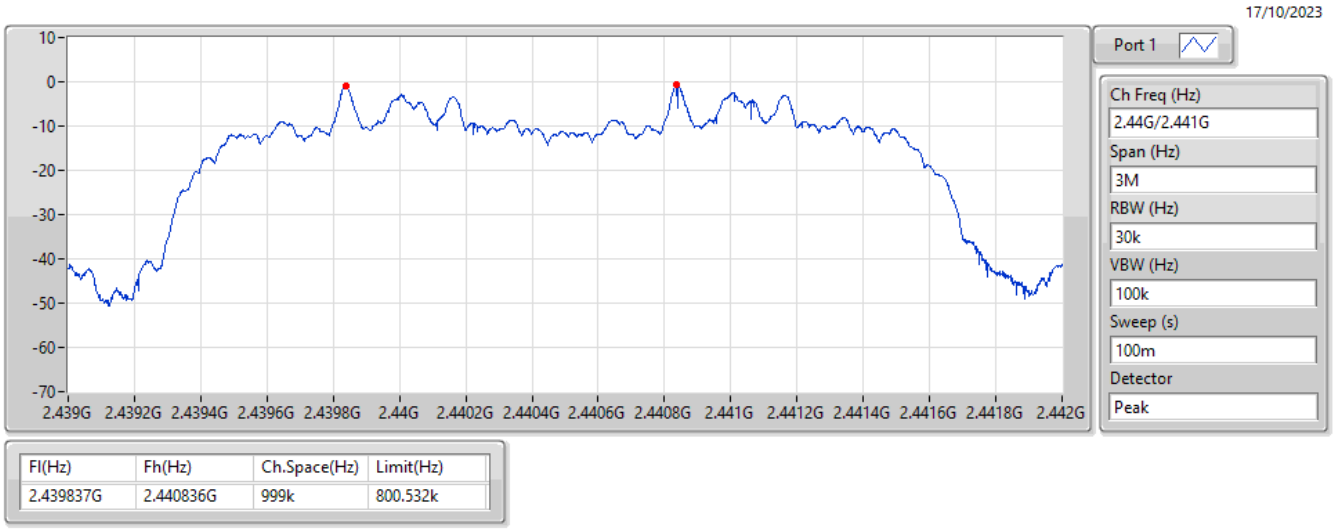
2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.401837G	2.402838G	1.0005M	811.188k

2.4-2.4835GHz_BT-EDR(2Mbps) **Channel Separation-FS**

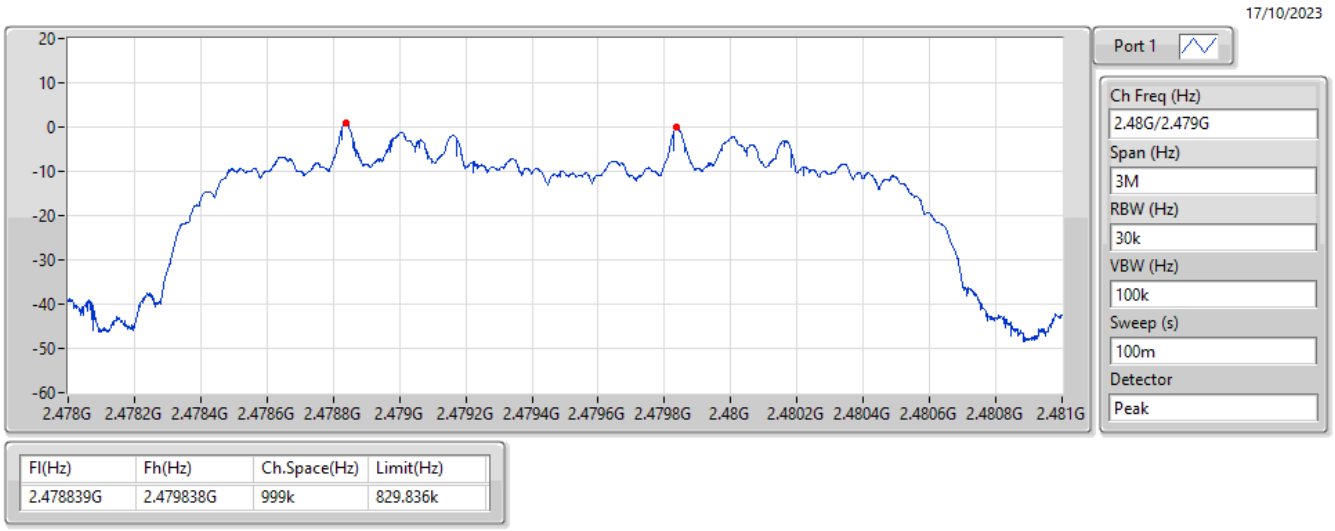
2.44G/2.441GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.439837G	2.440836G	999k	800.532k

2.4-2.4835GHz_BT-EDR(2Mbps) **Channel Separation-FS**

2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.478839G	2.479838G	999k	829.836k

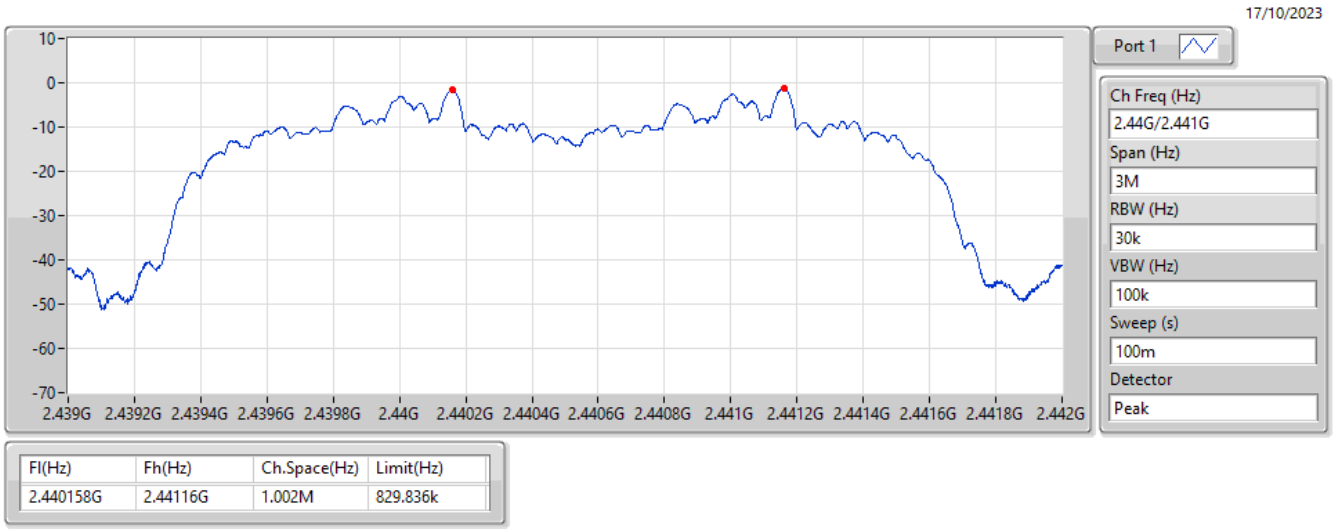
2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

2.402G/2.403GHz

Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.40216G	2.403159G	999k	833.166k

2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

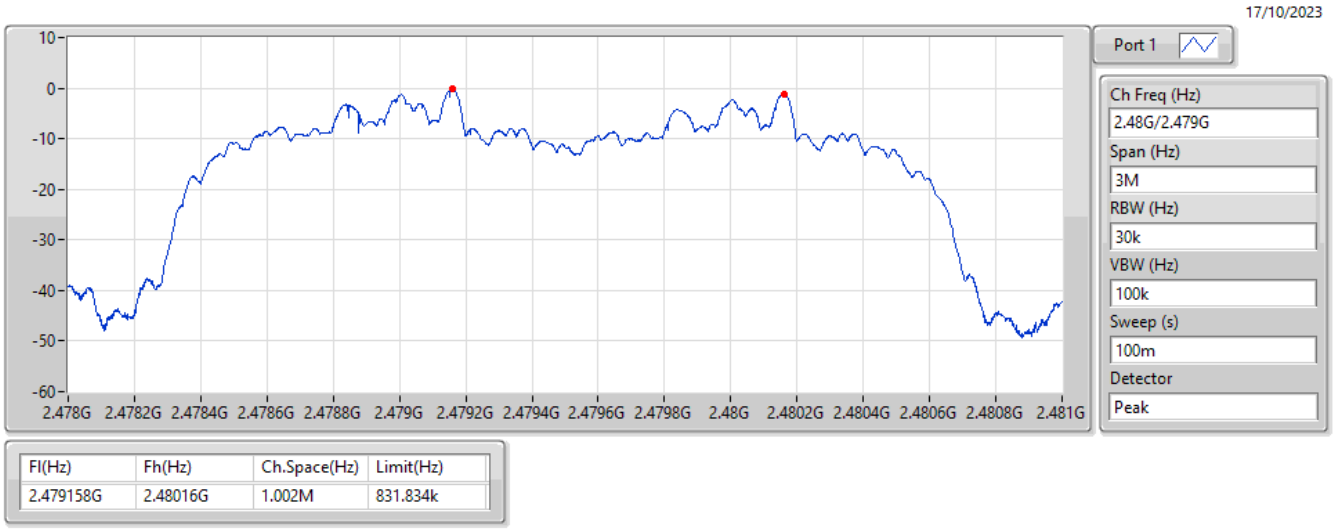
2.44G/2.441GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.440158G	2.44116G	1.002M	829.836k

2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.479158G	2.48016G	1.002M	831.834k

Summary

Mode	Total Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	5.21	0.00332
BT-EDR(2Mbps)	4.90	0.00309
BT-EDR(3Mbps)	4.48	0.00281

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	0.97	3.13	21.00
2440MHz	Pass	0.97	4.73	21.00
2480MHz	Pass	0.97	5.21	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	0.97	2.85	21.00
2440MHz	Pass	0.97	2.59	21.00
2480MHz	Pass	0.97	4.90	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	0.97	2.96	21.00
2440MHz	Pass	0.97	2.68	21.00
2480MHz	Pass	0.97	4.48	21.00

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

Summary

Mode	Total Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	3.44	0.00221
BT-EDR(2Mbps)	3.91	0.00246
BT-EDR(3Mbps)	3.24	0.00211

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	1.06	3.44	21.00
2440MHz	Pass	1.06	3.15	21.00
2480MHz	Pass	1.06	3.12	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	1.06	3.13	21.00
2440MHz	Pass	1.06	2.82	21.00
2480MHz	Pass	1.06	3.91	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	1.06	3.24	21.00
2440MHz	Pass	1.06	2.89	21.00
2480MHz	Pass	1.06	2.87	21.00

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

Summary

Mode	Total Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	4.86	0.00306
BT-EDR(2Mbps)	2.17	0.00165
BT-EDR(3Mbps)	0.61	0.00115

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	0.97	2.77	21.00
2440MHz	Pass	0.97	3.48	21.00
2480MHz	Pass	0.97	4.86	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	0.97	-0.04	21.00
2440MHz	Pass	0.97	-0.28	21.00
2480MHz	Pass	0.97	2.17	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	0.97	0.02	21.00
2440MHz	Pass	0.97	-0.21	21.00
2480MHz	Pass	0.97	0.61	21.00

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

Summary

Mode	Total Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	3.09	0.00204
BT-EDR(2Mbps)	0.74	0.00119
BT-EDR(3Mbps)	0.25	0.00106

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	1.06	3.09	21.00
2440MHz	Pass	1.06	2.74	21.00
2480MHz	Pass	1.06	2.67	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	1.06	0.27	21.00
2440MHz	Pass	1.06	-0.04	21.00
2480MHz	Pass	1.06	0.74	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	1.06	0.25	21.00
2440MHz	Pass	1.06	-0.07	21.00
2480MHz	Pass	1.06	0.06	21.00

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

Summary

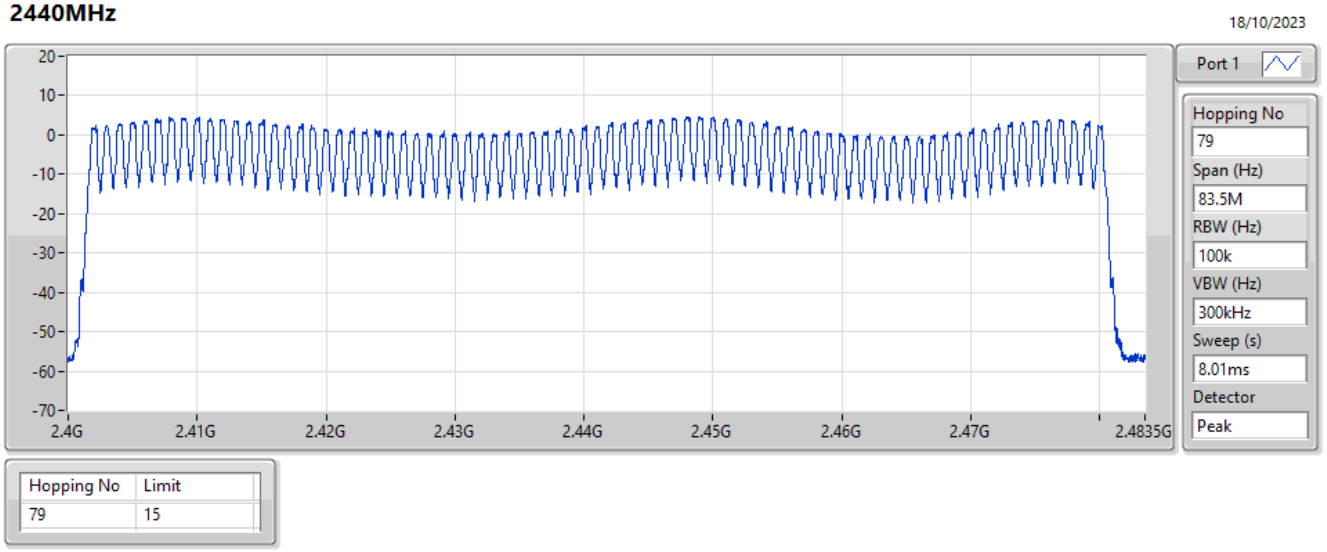
Mode 2.4-2.4835GHz	Max-Hop No -
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

Result

Mode BT-BR(1Mbps)	Result -	Hopping No -	Limit -
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

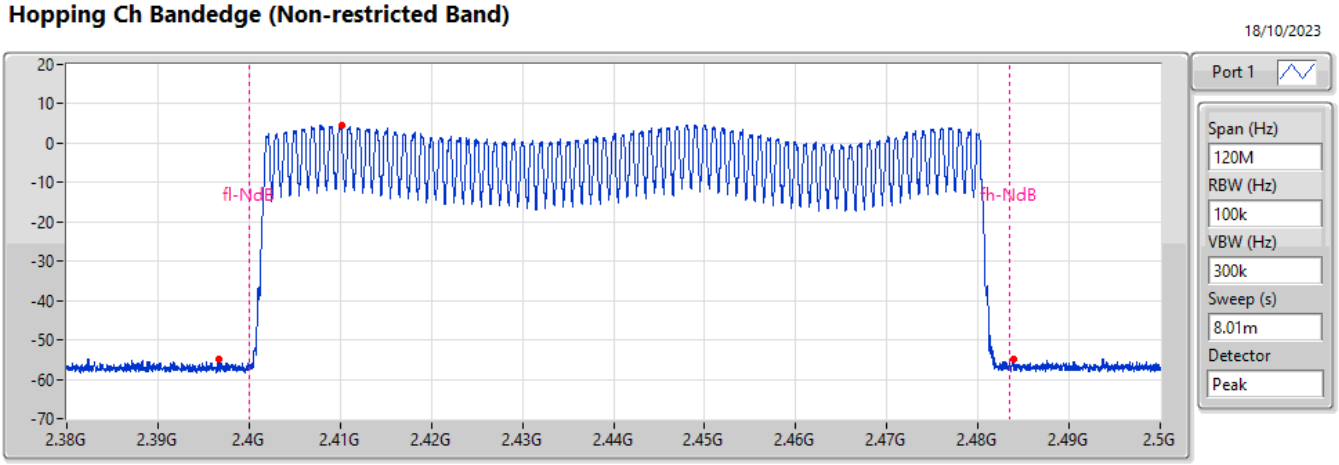


Hopping No	Limit
79	15

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

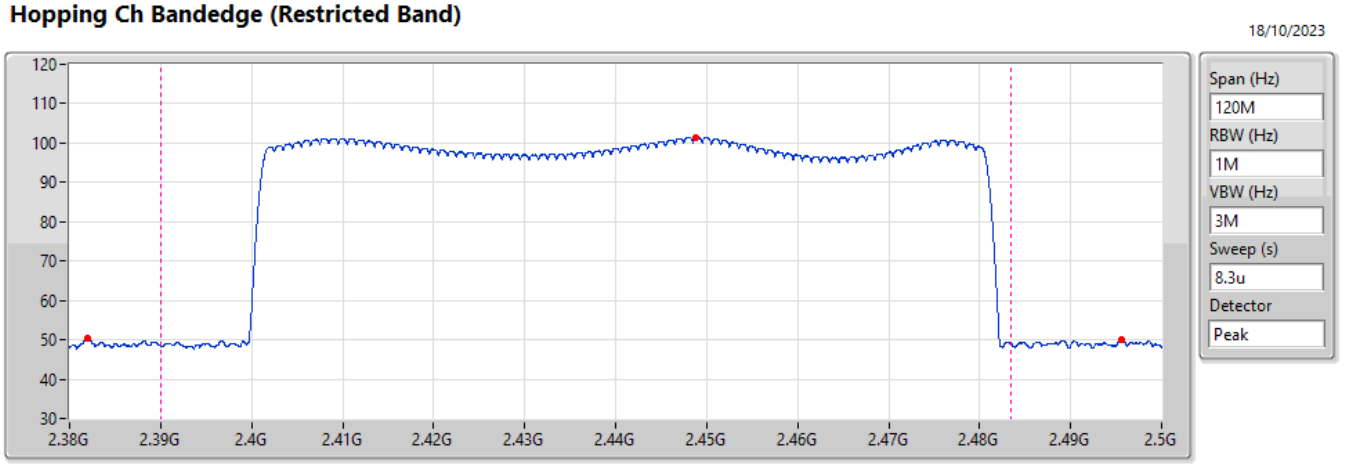


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-15.41	2.41015G	4.59	2.39662G	-54.98	2.483845G	-54.91

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

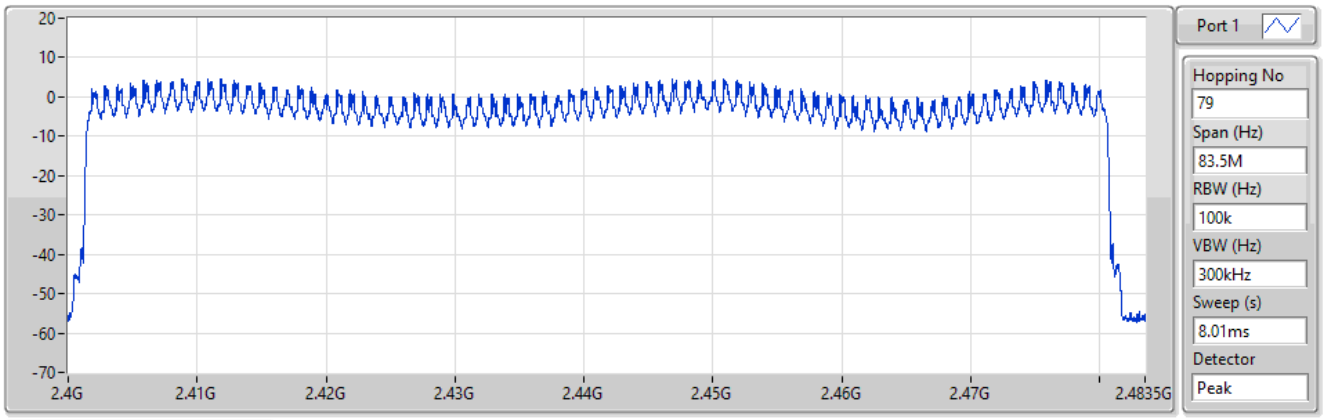
Hopping Ch Bandedge (Restricted Band)



Ref(Hz)	Ref(dBuV/m)	BE-I(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)
2.44882G	101.41	2.38192G	50.54	20.44	2.49553G	50.18	20.08	74	54	3.125	-30.1

2.4-2.4835GHz_BT-EDR(2Mbps) **Hopping-FS**

2440MHz

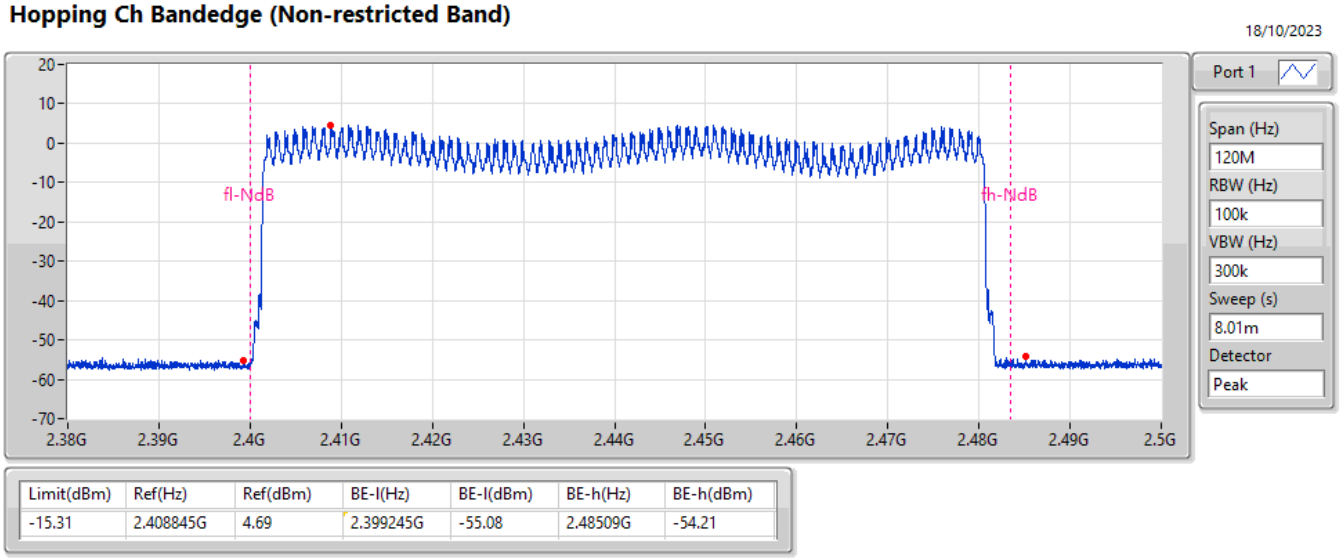


Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

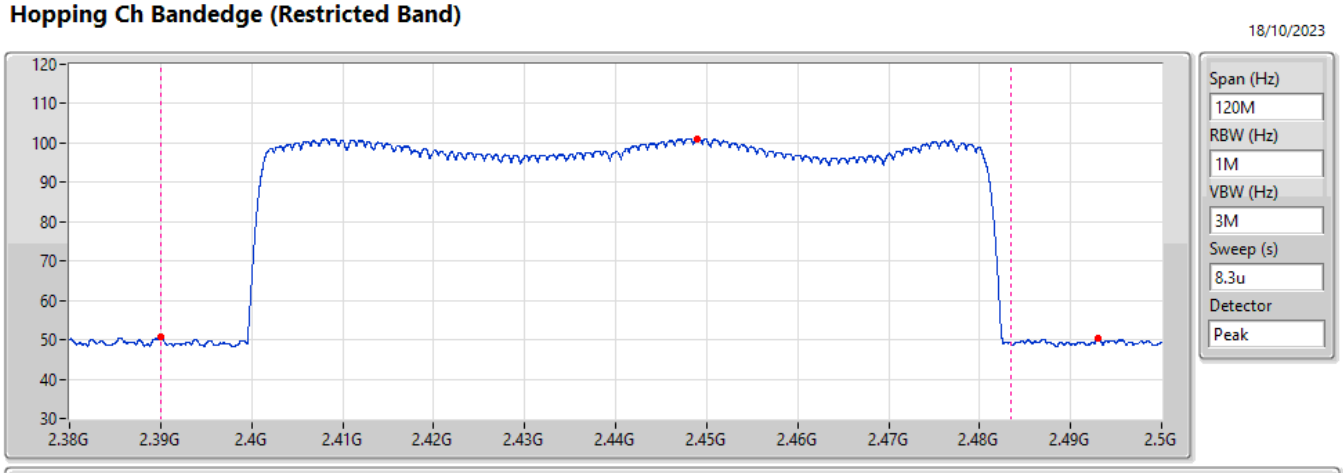


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-15.31	2.408845G	4.69	2.399245G	-55.08	2.48509G	-54.21

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

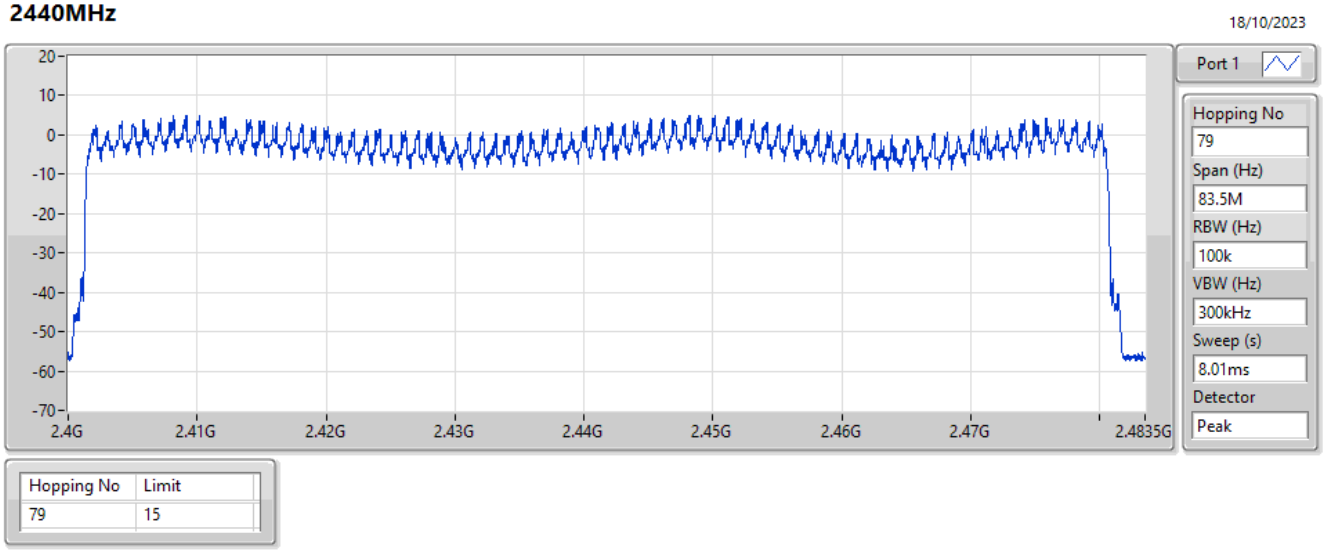
Hopping Ch Bandedge (Restricted Band)



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)
2.44891G	101.18	2.38996G	50.82	20.72	2.49301G	50.39	20.29	74	54	3.125	-30.1

2.4-2.4835GHz_BT-EDR(3Mbps) **Hopping-FS**

2440MHz

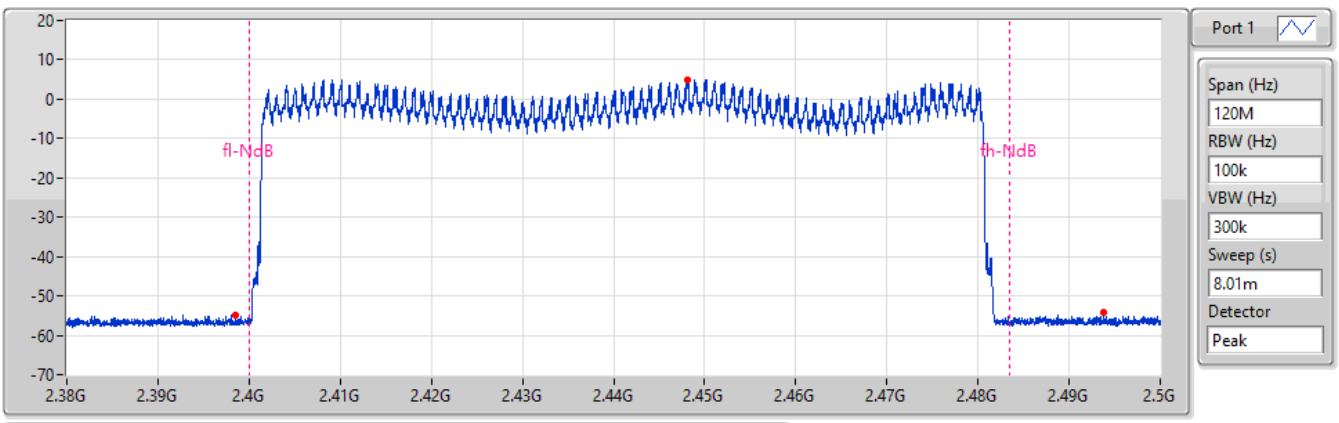


Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

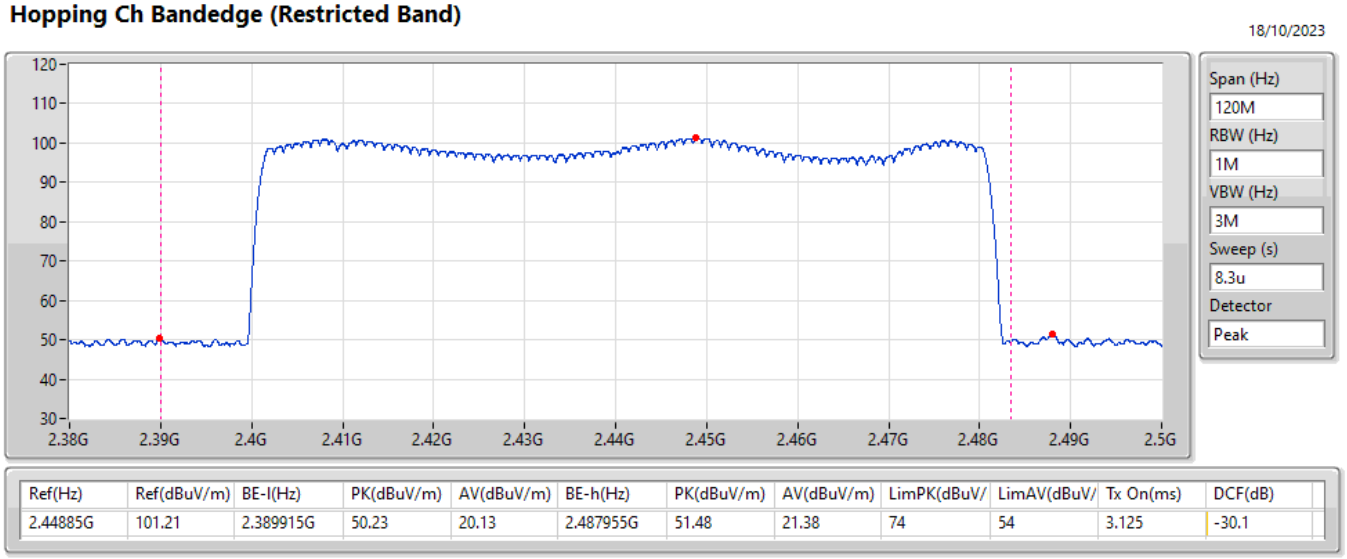


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-15.01	2.44816G	4.99	2.39848G	-54.95	2.493805G	-54.31

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)



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)
2.44885G	101.21	2.389915G	50.23	20.13	2.487955G	51.48	21.38	74	54	3.125	-30.1

Summary

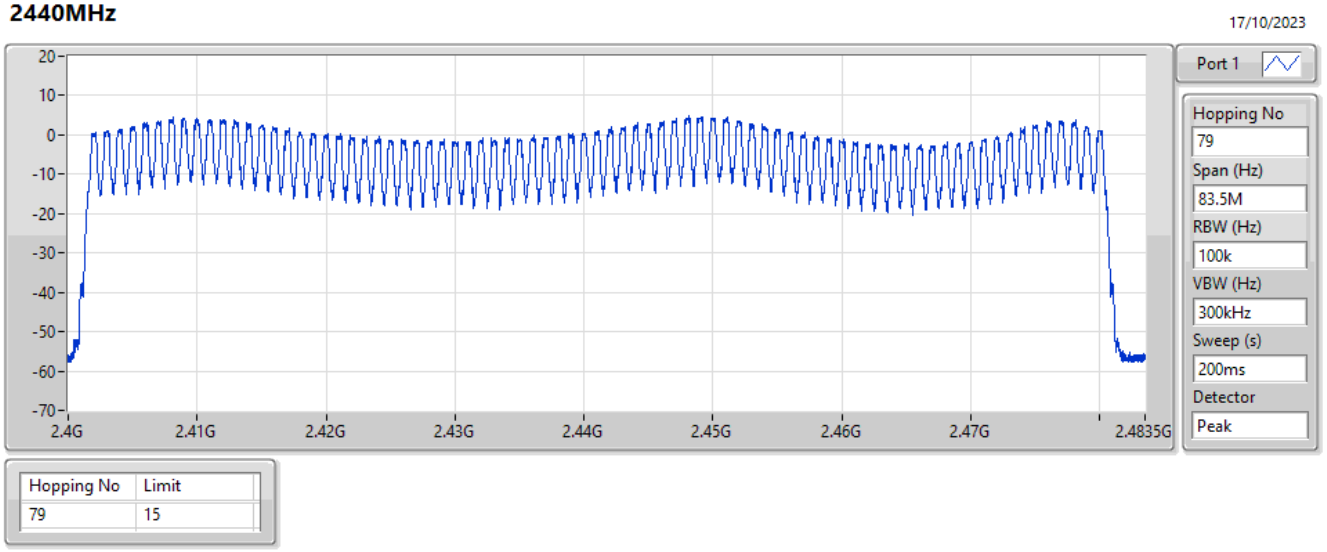
Mode 2.4-2.4835GHz	Max-Hop No -
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

Result

Mode BT-BR(1Mbps)	Result -	Hopping No -	Limit -
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

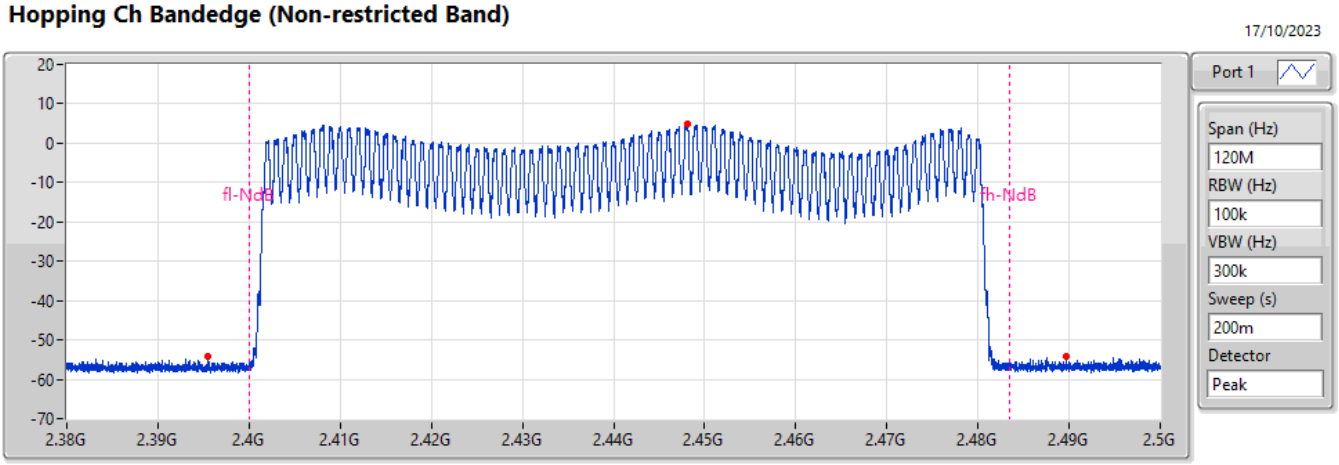


Hopping No	Limit
79	15

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

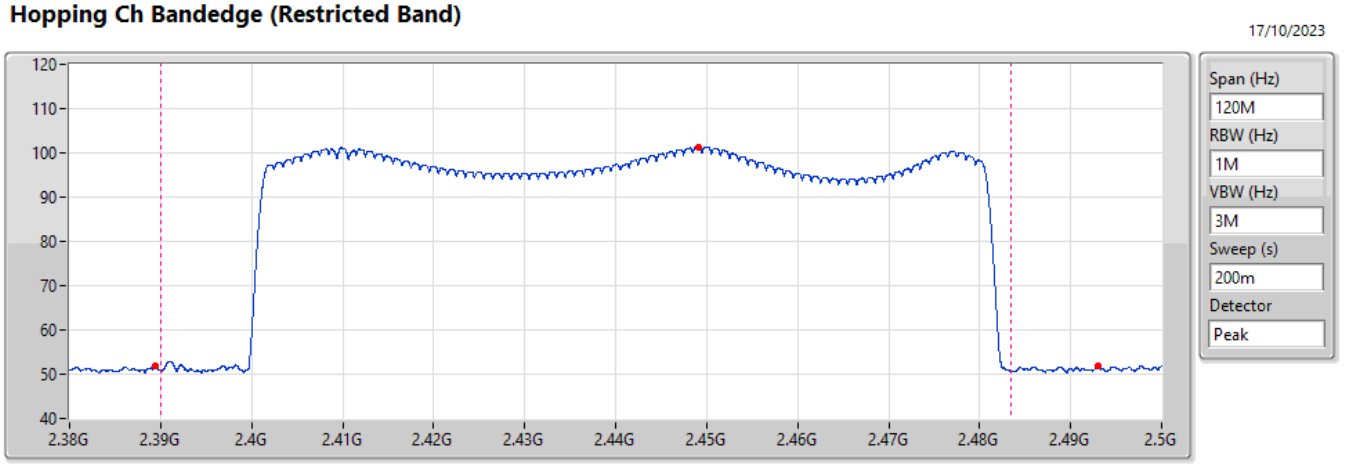


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-15.16	2.44816G	4.84	2.39542G	-54.27	2.48965G	-54.29

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

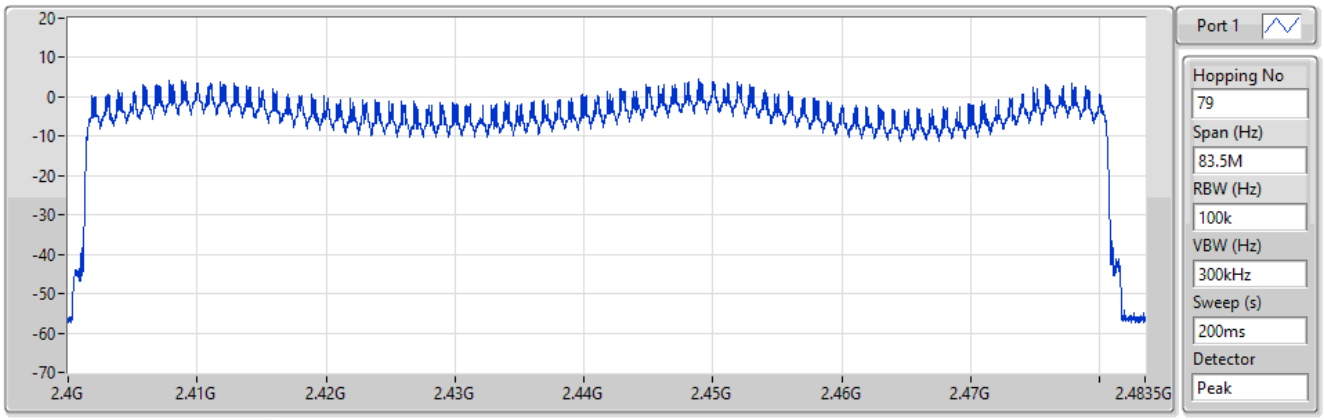
Hopping Ch Bandedge (Restricted Band)



Ref(Hz)	Ref(dBuV/m)	BE-I(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)
2.449135G	101.34	2.389435G	51.8	21.7	2.49298G	51.91	21.81	74	54	3.125	-30.1

2.4-2.4835GHz_BT-EDR(2Mbps) **Hopping-FS**

2440MHz

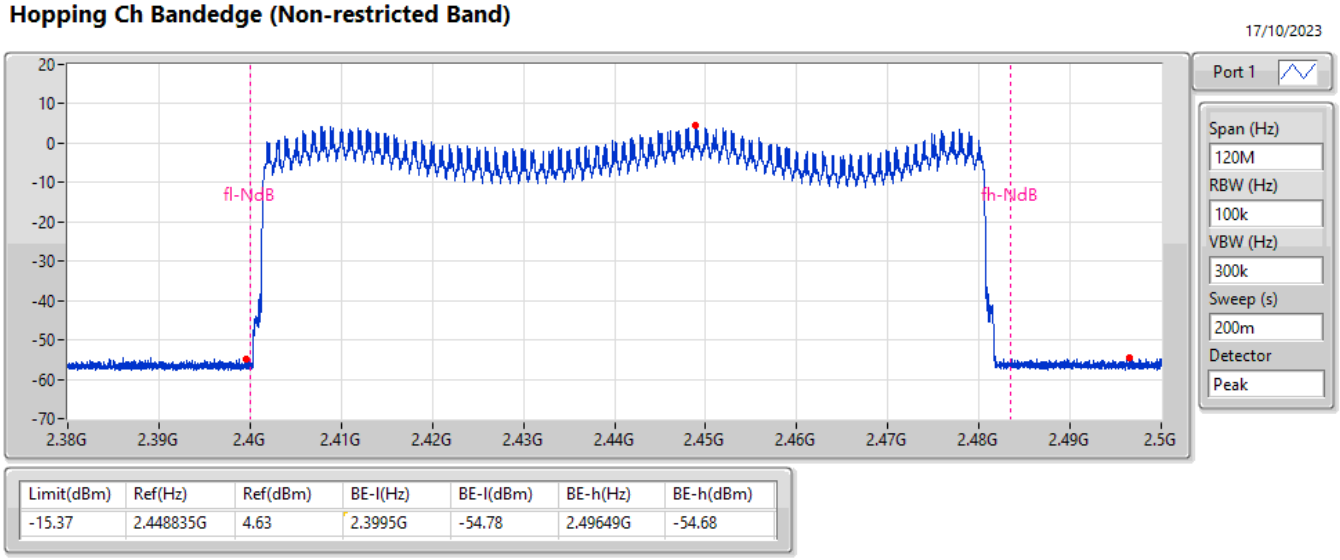


Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

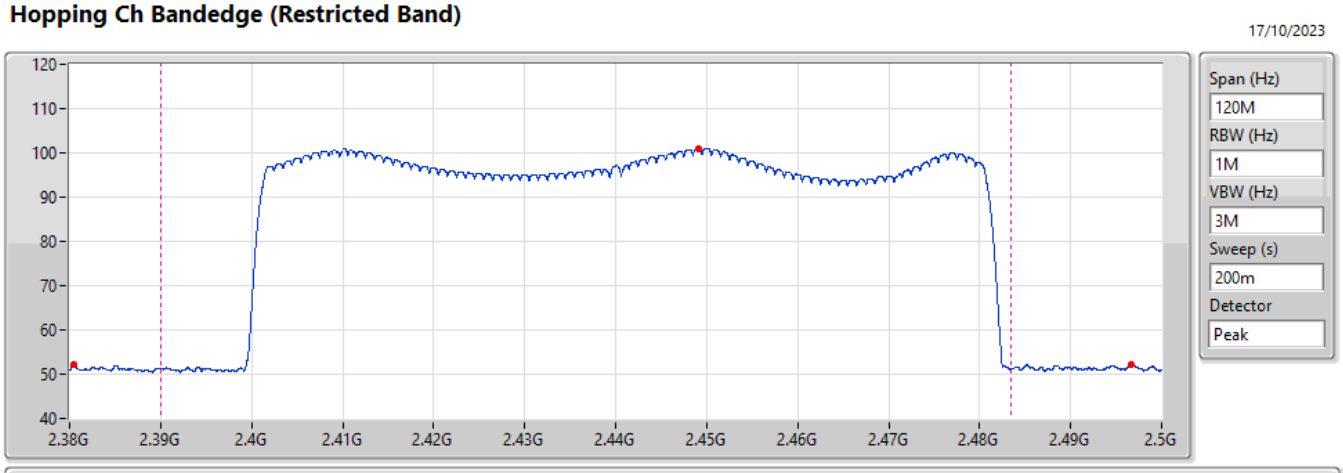


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-15.37	2.448835G	4.63	2.3995G	-54.78	2.49649G	-54.68

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

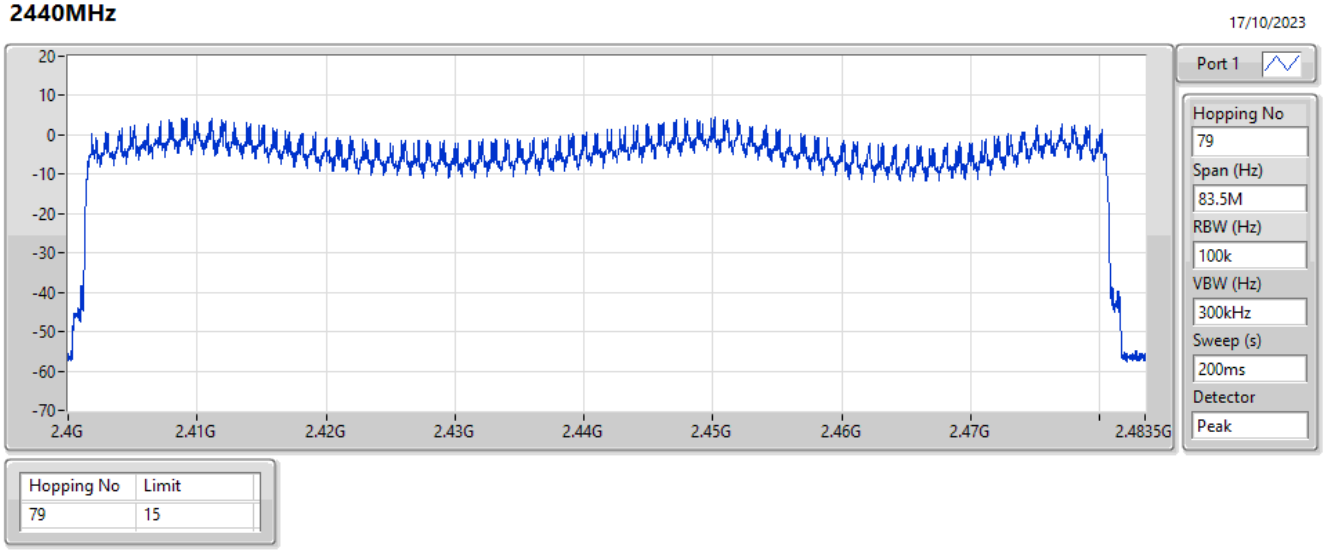
Hopping Ch Bandedge (Restricted Band)



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)
2.44915G	100.97	2.38048G	52.13	22.03	2.496715G	52.27	22.17	74	54	3.125	-30.1

2.4-2.4835GHz_BT-EDR(3Mbps) **Hopping-FS**

2440MHz

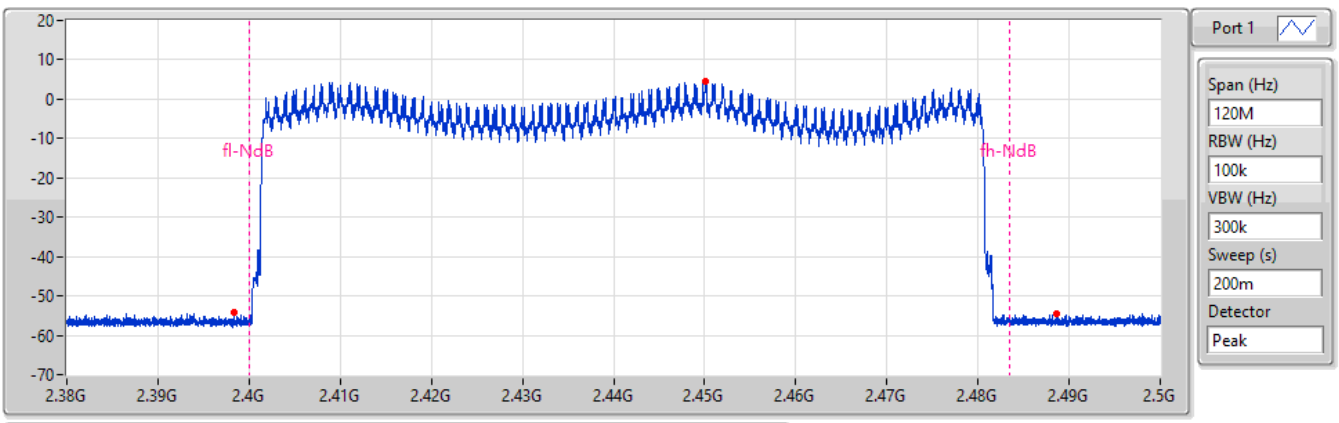


Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

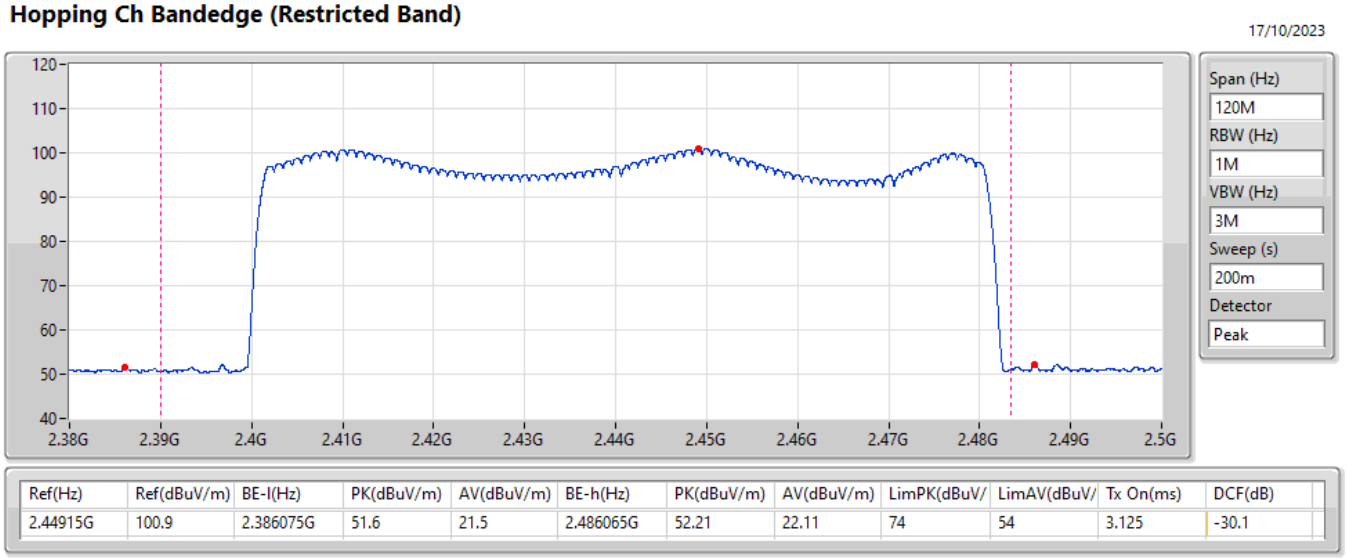


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-15.51	2.450155G	4.49	2.3983G	-54.32	2.48857G	-54.39

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)



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)
2.44915G	100.9	2.386075G	51.6	21.5	2.486065G	52.21	22.11	74	54	3.125	-30.1

Summary

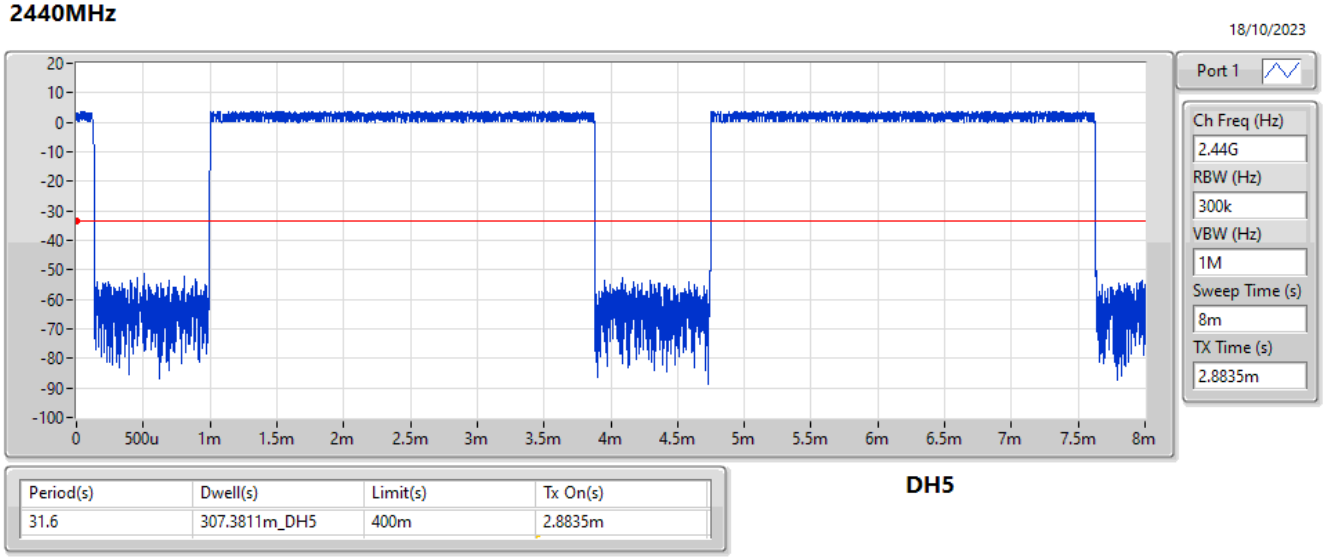
2.4-2.4835GHz	**-**
BT-BR(1Mbps)	307.3811m_DH5
BT-EDR(2Mbps)	307.51435m_DH5
BT-EDR(3Mbps)	160.45965m_DH5

Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	307.3811m_DH5	400m	2.8835m
2440MHz	Pass	8	153.69055m_DH5-AFH	400m	2.8835m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	307.51435m_DH5	400m	2.88475m
2440MHz	Pass	8	153.757175m_DH5-AFH	400m	2.88475m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	160.45965m_DH5	400m	1.50525m
2440MHz	Pass	8	54.459275m_DH5-AFH	400m	1.02175m

2.4-2.4835GHz_BT-BR(1Mbps) **Dwell-FS**

2440MHz

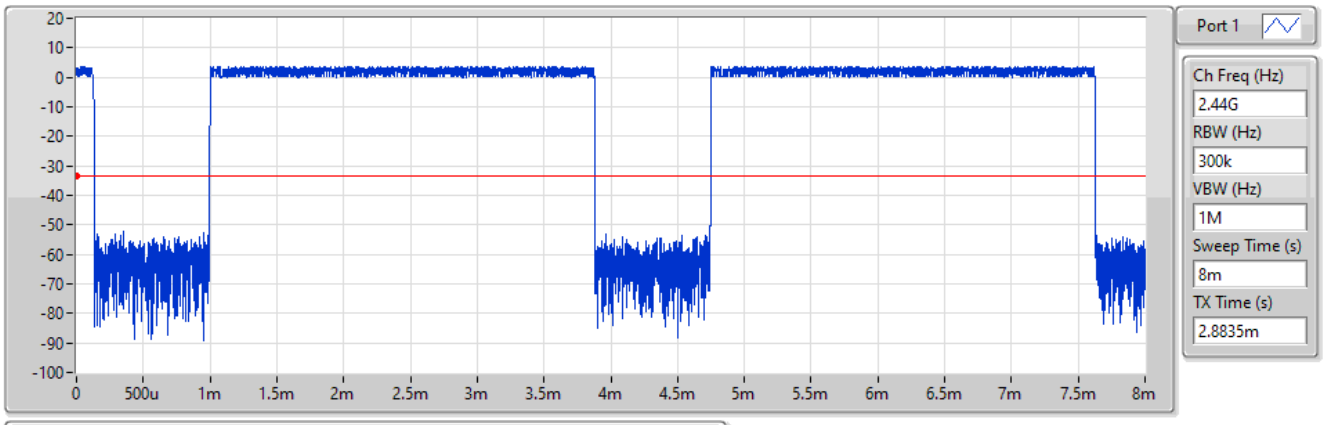


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	307.3811m_DH5	400m	2.8835m

DH5

2.4-2.4835GHz_BT-BR(1Mbps) **Dwell-FS**

2440MHz

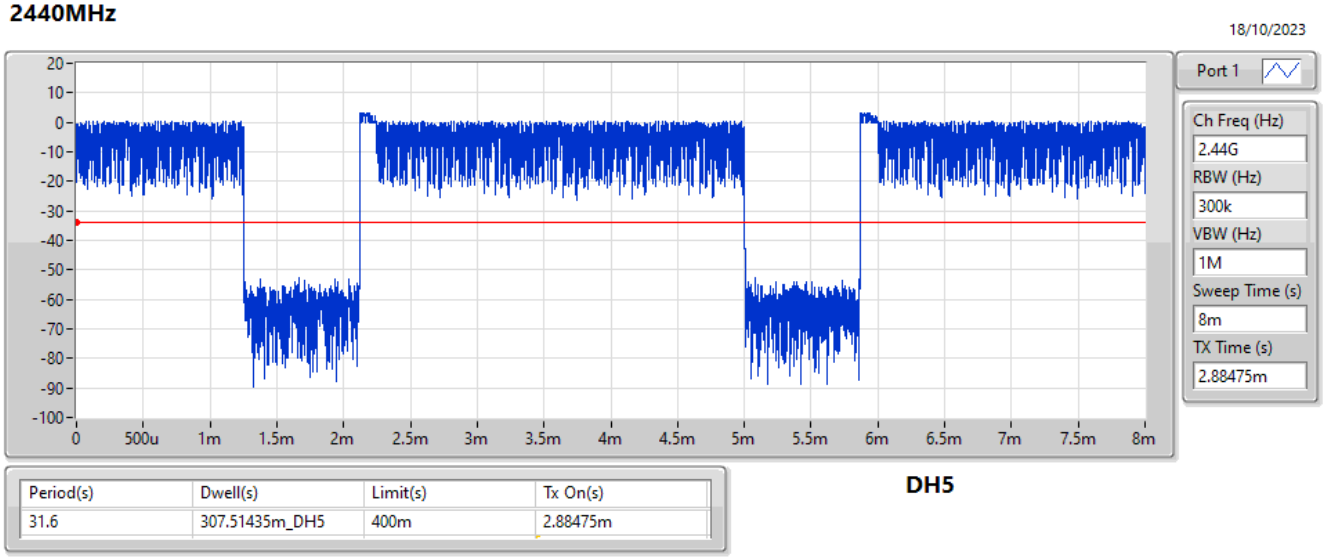


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	153.69055m_DH5-AFH	400m	2.8835m

DH5-AFH

2.4-2.4835GHz_BT-EDR(2Mbps) **Dwell-FS**

2440MHz

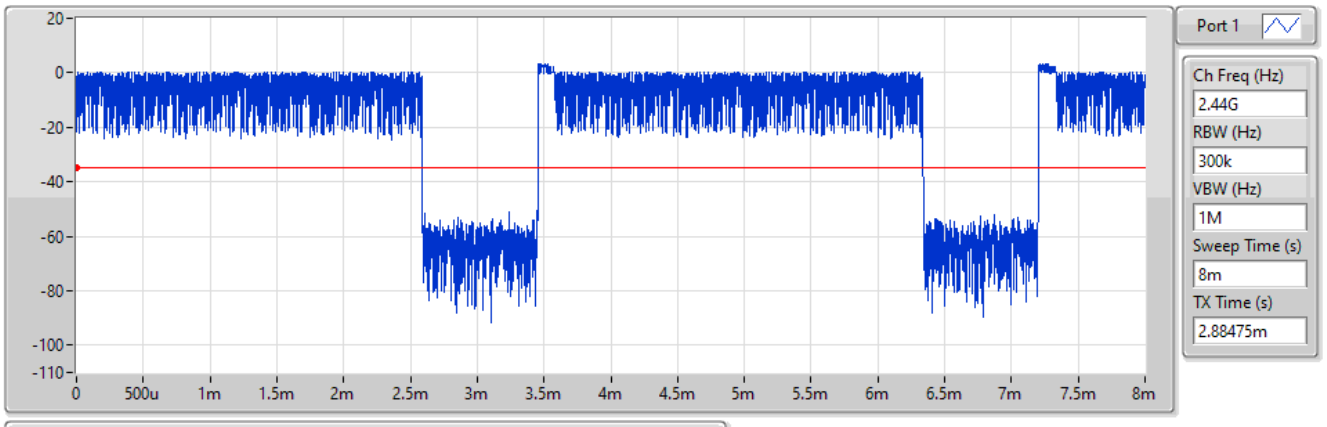


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	307.51435m_DH5	400m	2.88475m

DH5

2.4-2.4835GHz_BT-EDR(2Mbps) **Dwell-FS**

2440MHz

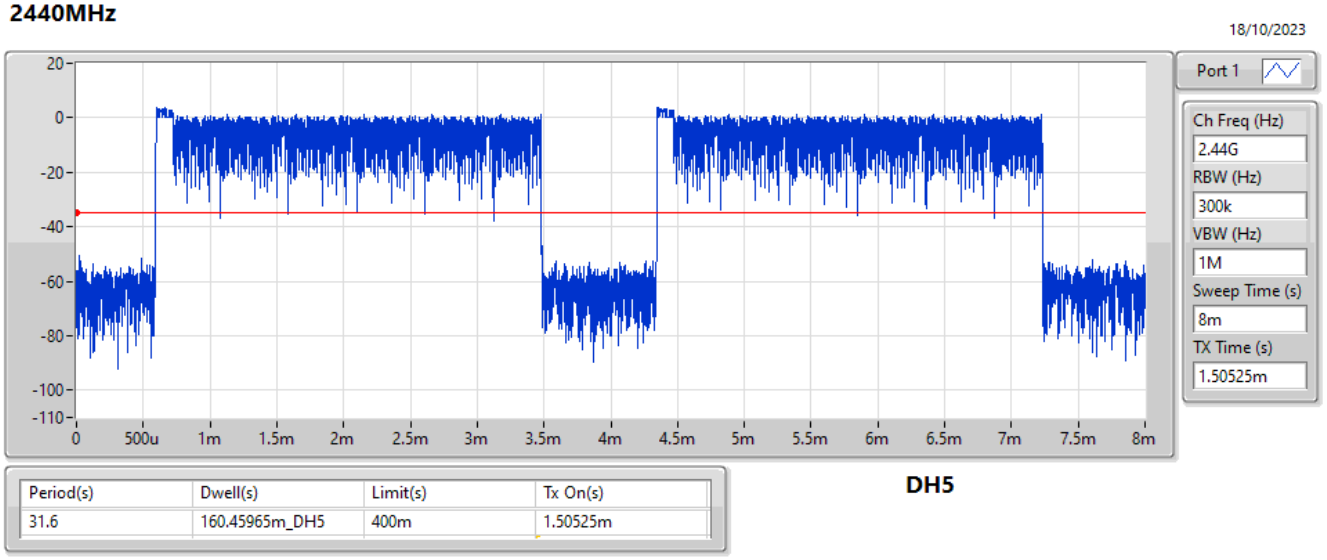


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	153.757175m_DH5-AFI	400m	2.88475m

DH5-AFH

2.4-2.4835GHz_BT-EDR(3Mbps) **Dwell-FS**

2440MHz

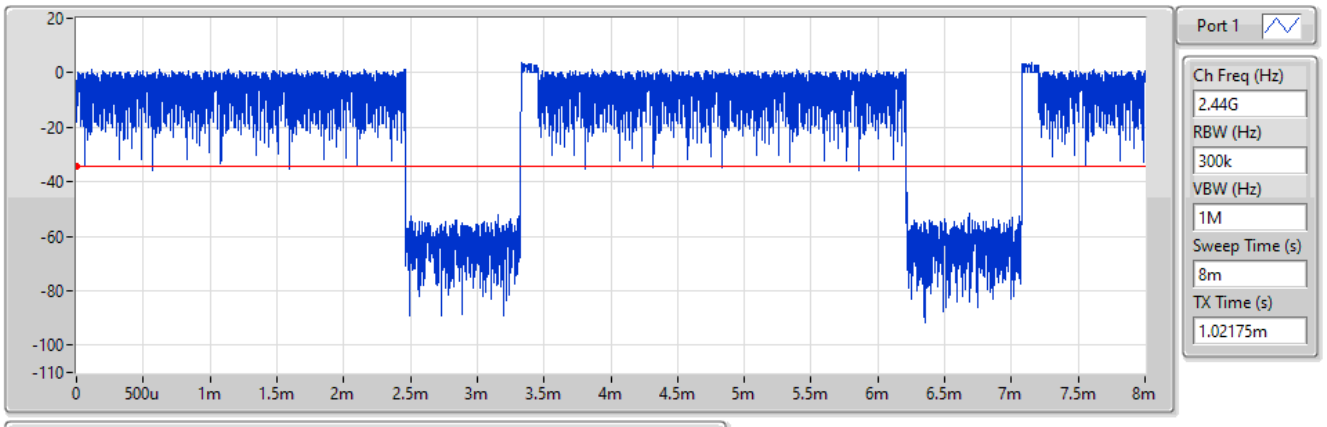


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	160.45965m_DH5	400m	1.50525m

DH5

2.4-2.4835GHz_BT-EDR(3Mbps) **Dwell-FS**

2440MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	54.459275m_DH5-AFH	400m	1.02175m

DH5-AFH

Summary

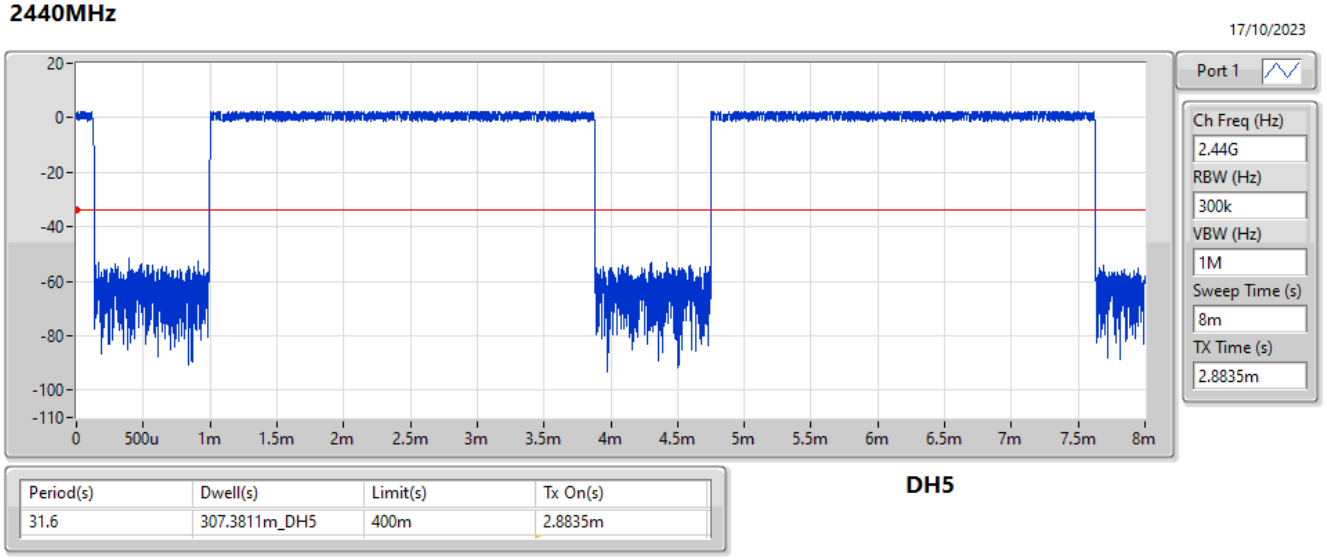
2.4-2.4835GHz	**-**
BT-BR(1Mbps)	307.3811m_DH5
BT-EDR(2Mbps)	307.4877m_DH5
BT-EDR(3Mbps)	81.695575m_DH5-AFH

Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	307.3811m_DH5	400m	2.8835m
2440MHz	Pass	8	153.703875m_DH5-AFH	400m	2.88375m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	307.4877m_DH5	400m	2.8845m
2440MHz	Pass	8	153.74385m_DH5-AFH	400m	2.8845m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	54.44595m_DH5	400m	510.75u
2440MHz	Pass	8	81.695575m_DH5-AFH	400m	1.53275m

2.4-2.4835GHz_BT-BR(1Mbps) **Dwell-FS**

2440MHz

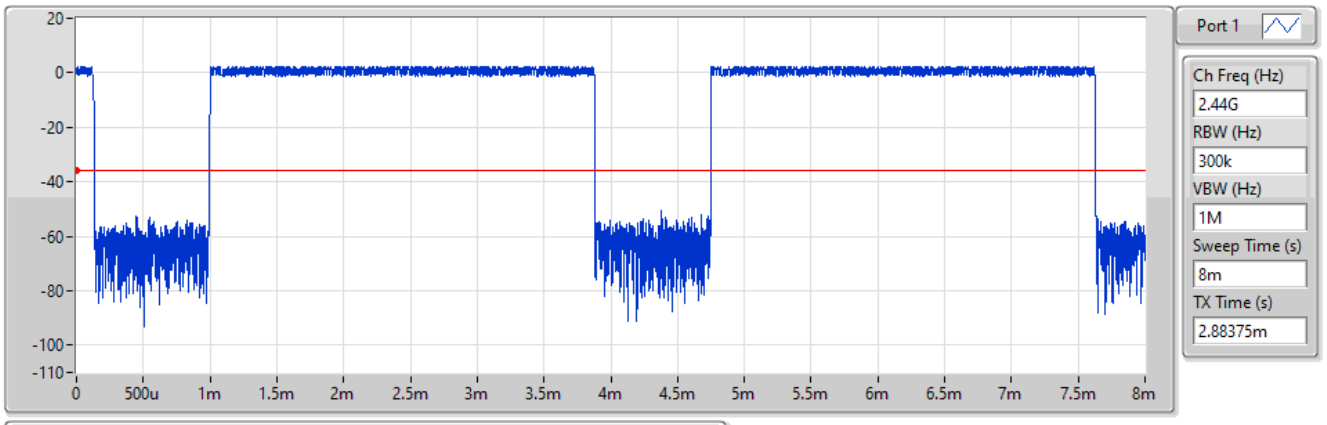


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	307.3811m_DH5	400m	2.8835m

DH5

2.4-2.4835GHz_BT-BR(1Mbps) **Dwell-FS**

2440MHz

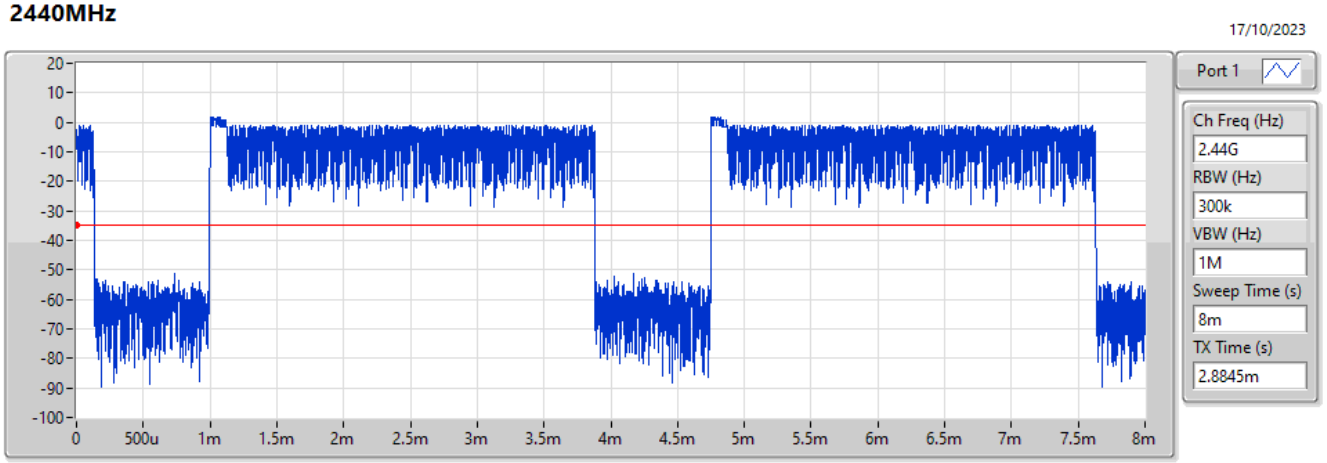


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	153.703875m_DH5-AFI	400m	2.88375m

DH5-AFH

2.4-2.4835GHz_BT-EDR(2Mbps) **Dwell-FS**

2440MHz

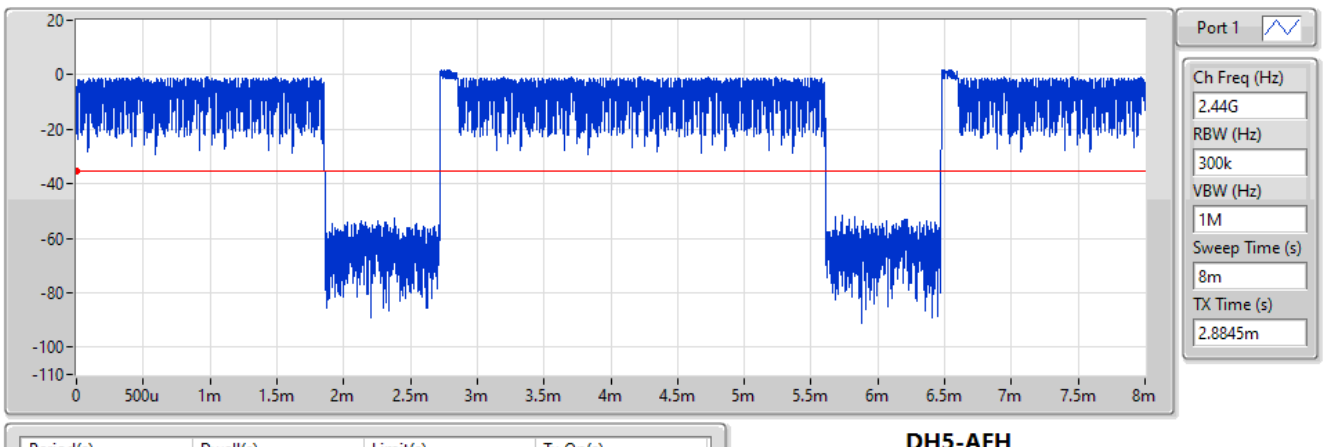


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	307.4877m_DH5	400m	2.8845m

DH5

2.4-2.4835GHz_BT-EDR(2Mbps) **Dwell-FS**

2440MHz

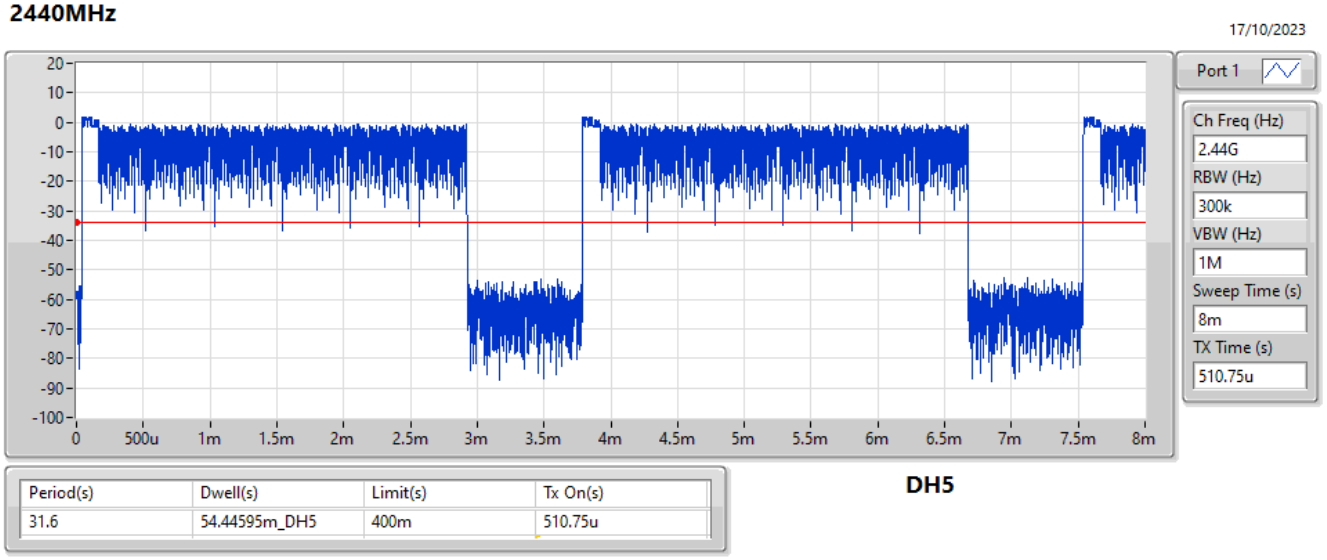


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	153.74385m_DH5-AFH	400m	2.8845m

DH5-AFH

2.4-2.4835GHz_BT-EDR(3Mbps) **Dwell-FS**

2440MHz

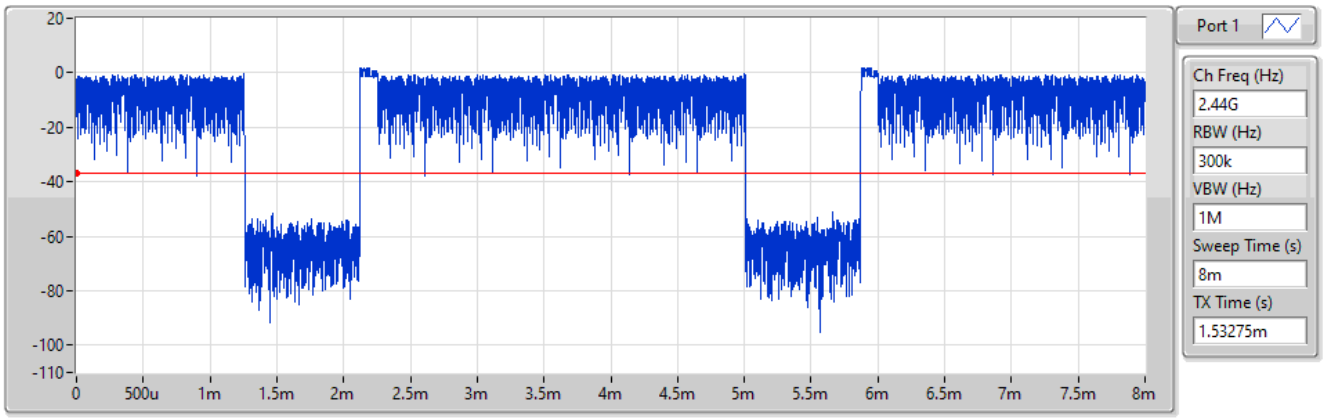


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	54.44595m_DH5	400m	510.75u

DH5

2.4-2.4835GHz_BT-EDR(3Mbps) **Dwell-FS**

2440MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	81.695575m_DH5-AFH	400m	1.53275m

DH5-AFH

Summary

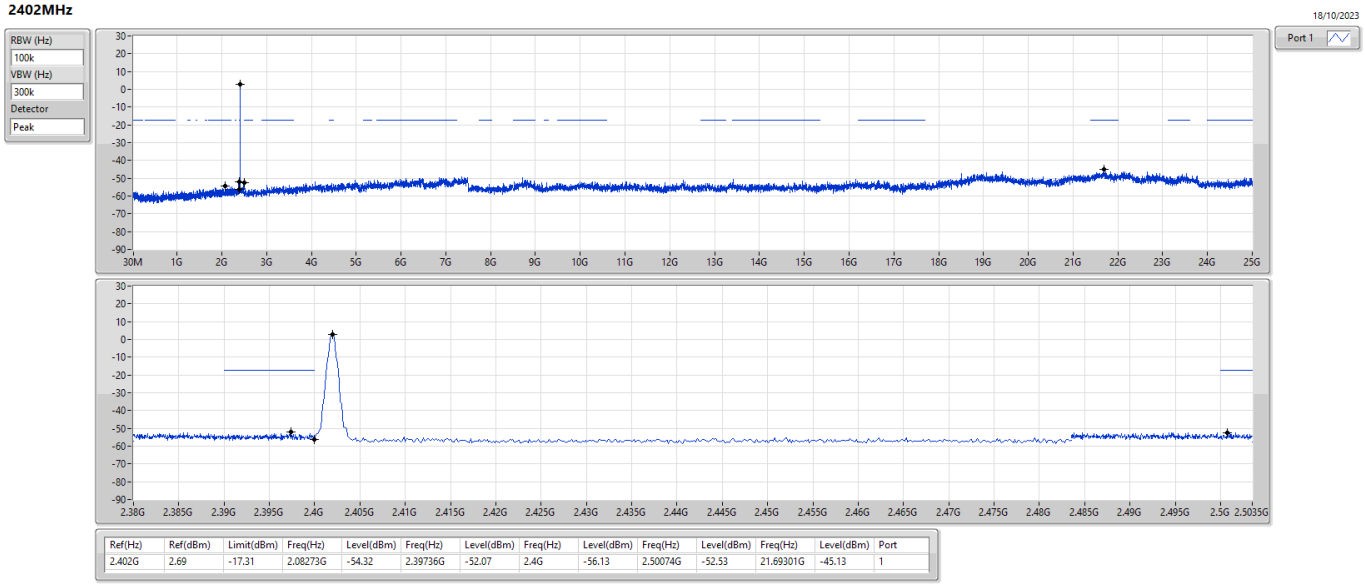
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.44008G	1.75	-18.25	1.91235G	-55.86	2.39108G	-52.50	2.4G	-57.07	2.50082G	-52.99	21.62553G	-45.97	1
BT-EDR(2Mbps)	Pass	2.44008G	0.75	-19.25	2.19788G	-54.22	2.395G	-52.02	2.4G	-57.34	2.50274G	-53.15	21.66489G	-44.87	1
BT-EDR(3Mbps)	Pass	2.48016G	1.35	-18.65	2.09683G	-54.38	2.39092G	-52.31	2.4G	-56.59	2.5033G	-52.33	21.73801G	-45.67	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	2.402G	2.69	-17.31	2.08273G	-54.32	2.39736G	-52.07	2.4G	-56.13	2.50074G	-52.53	21.69301G	-45.13	1
2440MHz	Pass	2.44008G	1.75	-18.25	1.91235G	-55.86	2.39108G	-52.50	2.4G	-57.07	2.50082G	-52.99	21.62553G	-45.97	1
2480MHz	Pass	2.48033G	2.36	-17.64	2.17085G	-54.99	2.39048G	-52.29	2.4G	-56.80	2.5035G	-53.31	21.60022G	-45.34	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	1.43	-18.57	2.14618G	-55.25	2.3926G	-52.27	2.4G	-55.47	2.50074G	-53.18	21.8758G	-45.25	1
2440MHz	Pass	2.44008G	0.75	-19.25	2.19788G	-54.22	2.395G	-52.02	2.4G	-57.34	2.50274G	-53.15	21.66489G	-44.87	1
2480MHz	Pass	2.47999G	2.85	-17.15	2.11563G	-54.98	2.39528G	-52.50	2.4G	-57.65	2.5005G	-52.72	21.71832G	-44.64	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40217G	1.70	-18.30	2.09683G	-55.10	2.39368G	-52.63	2.4G	-54.50	2.50058G	-53.10	21.67333G	-46.17	1
2440MHz	Pass	2.43975G	1.93	-18.07	2.10035G	-54.93	2.39092G	-52.87	2.4G	-57.87	2.50178G	-52.97	21.94048G	-45.70	1
2480MHz	Pass	2.48016G	1.35	-18.65	2.09683G	-54.38	2.39092G	-52.31	2.4G	-56.59	2.5033G	-52.33	21.73801G	-45.67	1

2.4-2.4835GHz_BT-BR(1Mbps) CSENdB-FS

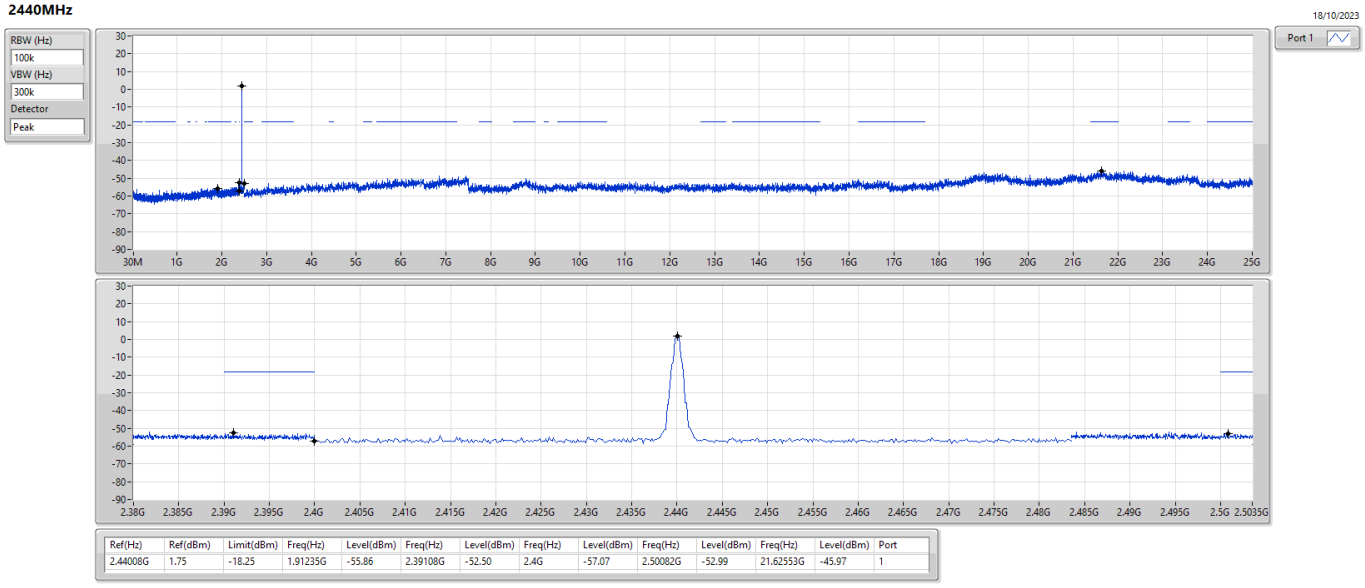
2402MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.402G	2.69	-17.31	2.08273G	-54.32	2.39736G	-52.07	2.4G	-56.13	2.50074G	-52.53	21.69301G	-45.13	1

2.4-2.4835GHz_BT-BR(1Mbps) CSENdB-FS

2440MHz

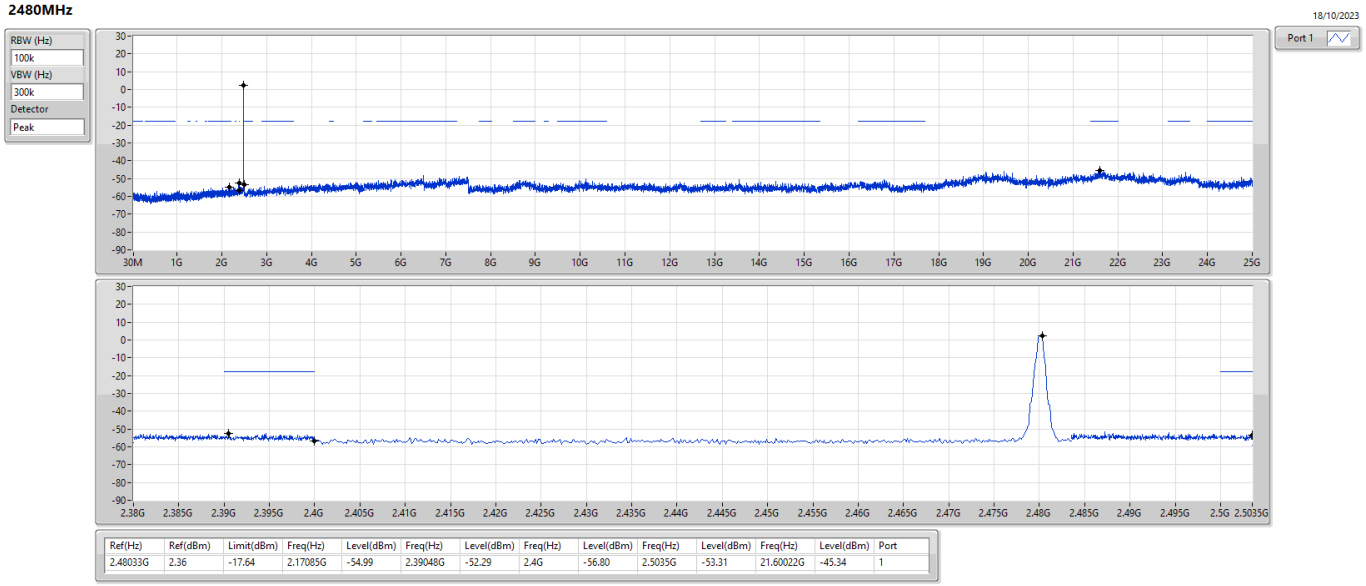


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44008G	1.75	-18.25	1.91235G	-55.86	2.39108G	-52.50	2.4G	-57.07	2.50082G	-52.99	21.62553G	-45.97	1

2.4-2.4835GHz_BT-BR(1Mbps)

CSENdB-FS

2480MHz

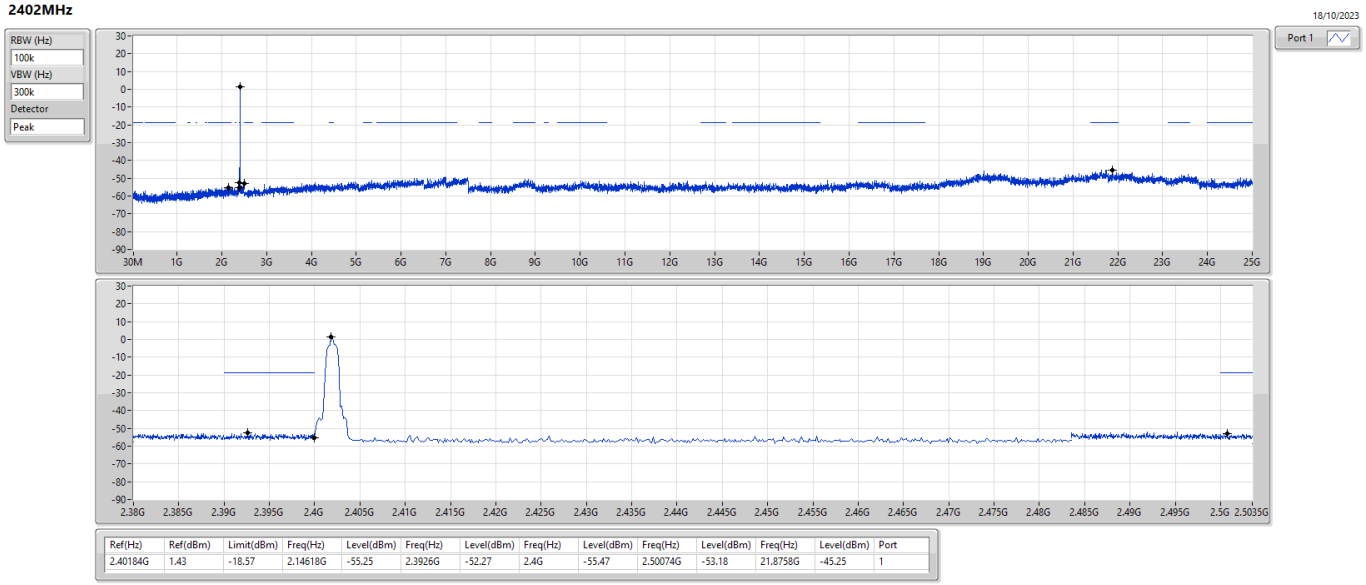


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.48033G	2.36	-17.64	2.17085G	-54.99	2.39048G	-52.29	2.4G	-56.80	2.5035G	-53.31	21.60022G	-45.34	1

2.4-2.4835GHz_BT-EDR(2Mbps)

CSENdB-FS

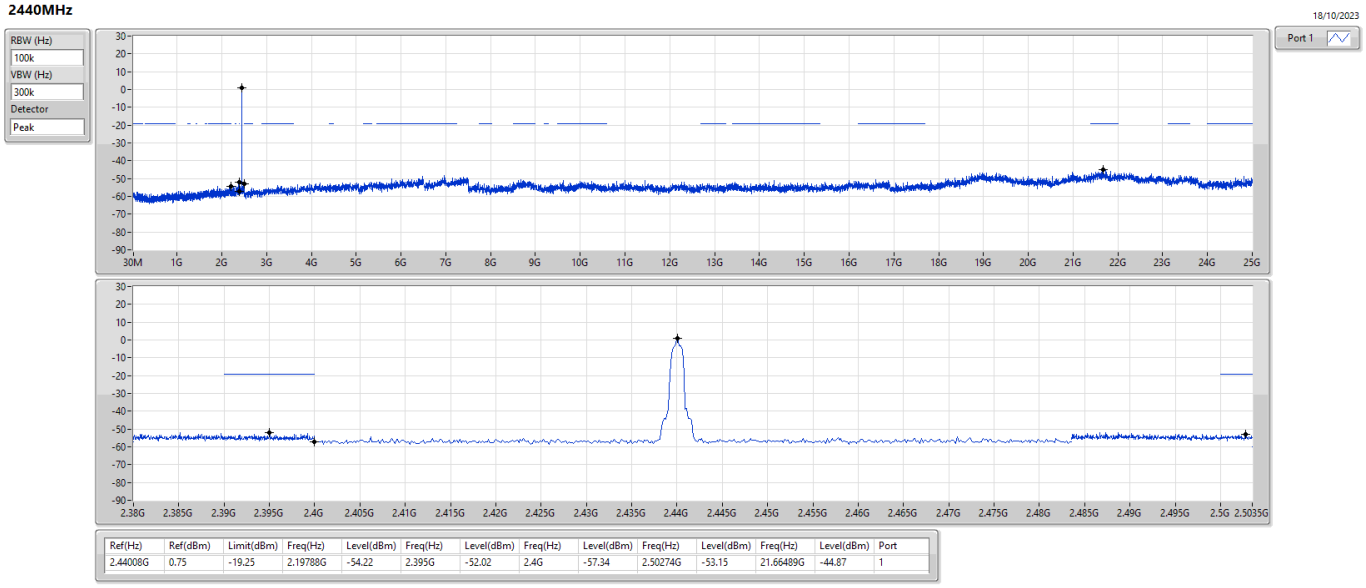
2402MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40184G	1.43	-18.57	2.14618G	-55.25	2.3926G	-52.27	2.4G	-55.47	2.50074G	-53.18	21.8758G	-45.25	1

2.4-2.4835GHz_BT-EDR(2Mbps) CSENdB-FS

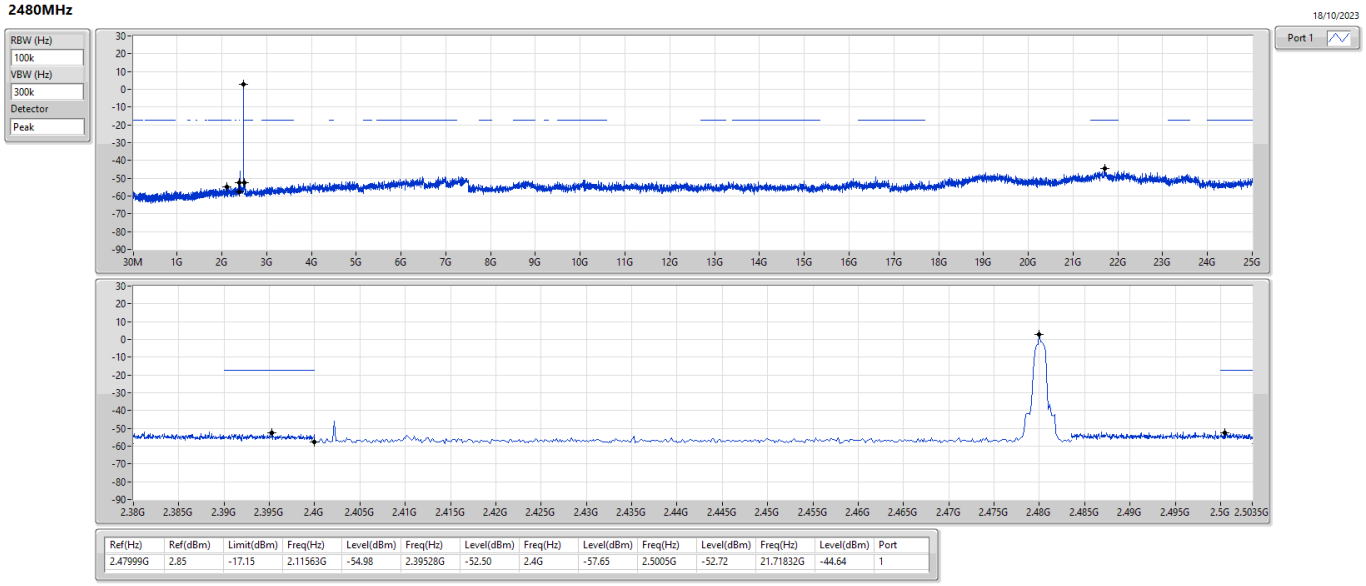
2440MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44008G	0.75	-19.25	2.19788G	-54.22	2.395G	-52.02	2.4G	-57.34	2.50274G	-53.15	21.66489G	-44.87	1

2.4-2.4835GHz_BT-EDR(2Mbps) CSENdB-FS

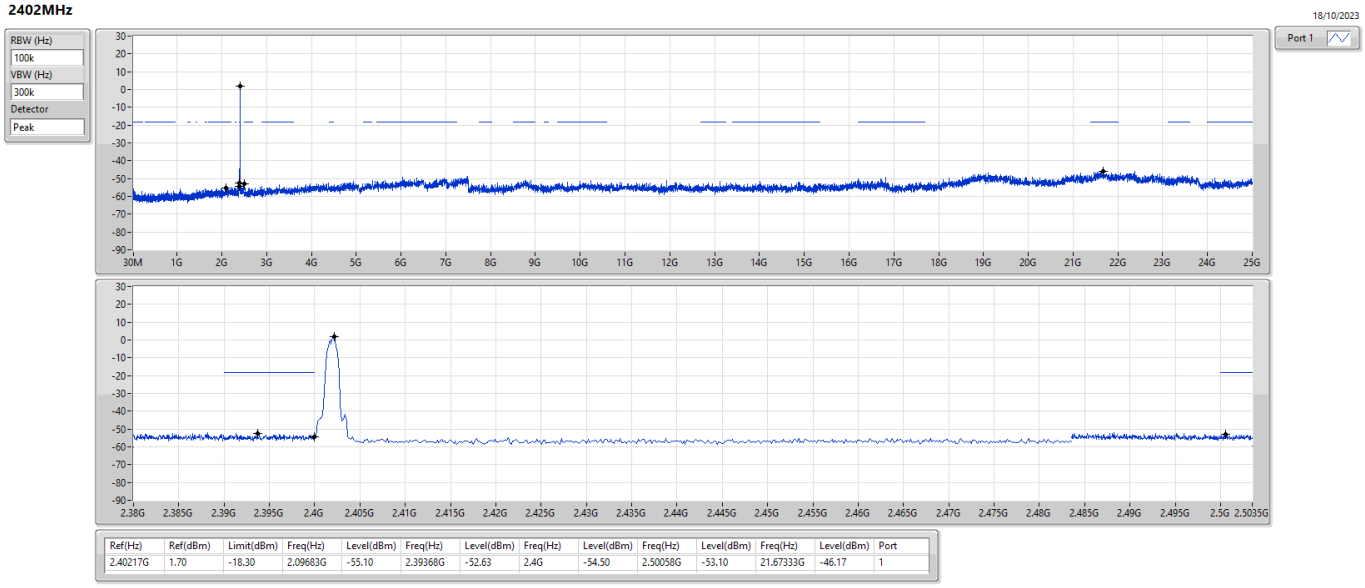
2480MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47999G	2.85	-17.15	2.11563G	-54.98	2.39528G	-52.50	2.4G	-57.65	2.5005G	-52.72	21.71832G	-44.64	1

2.4-2.4835GHz_BT-EDR(3Mbps) CSENdB-FS

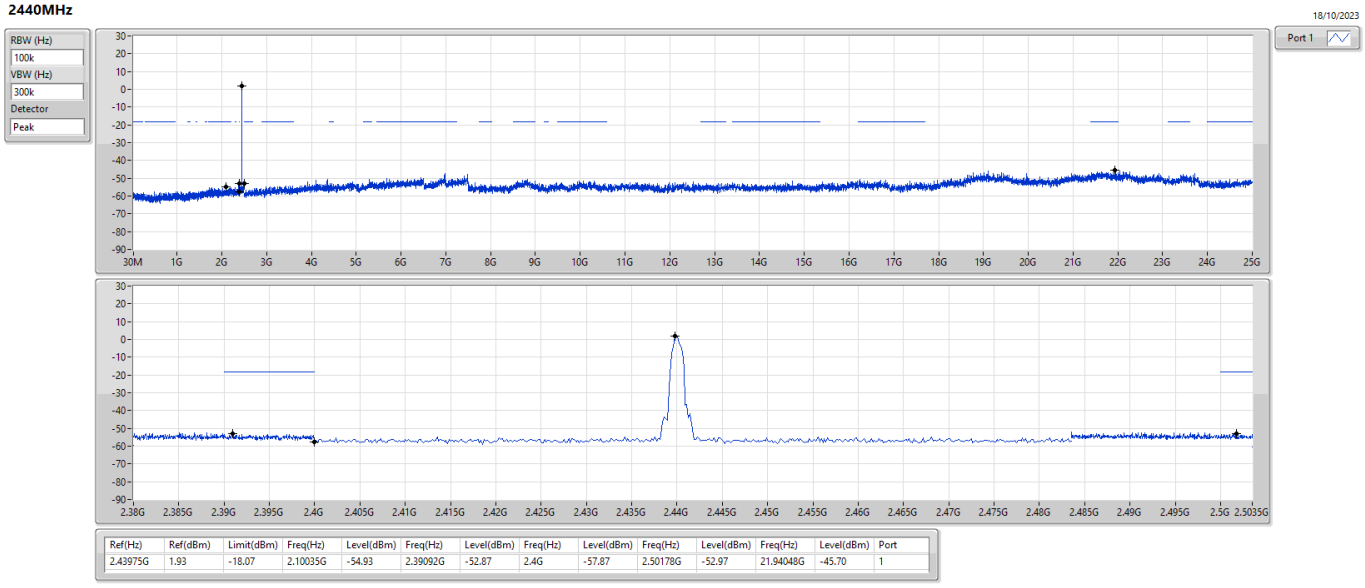
2402MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40217G	1.70	-18.30	2.09683G	-55.10	2.39368G	-52.63	2.4G	-54.50	2.50058G	-53.10	21.67333G	-46.17	1

2.4-2.4835GHz_BT-EDR(3Mbps) CSENdB-FS

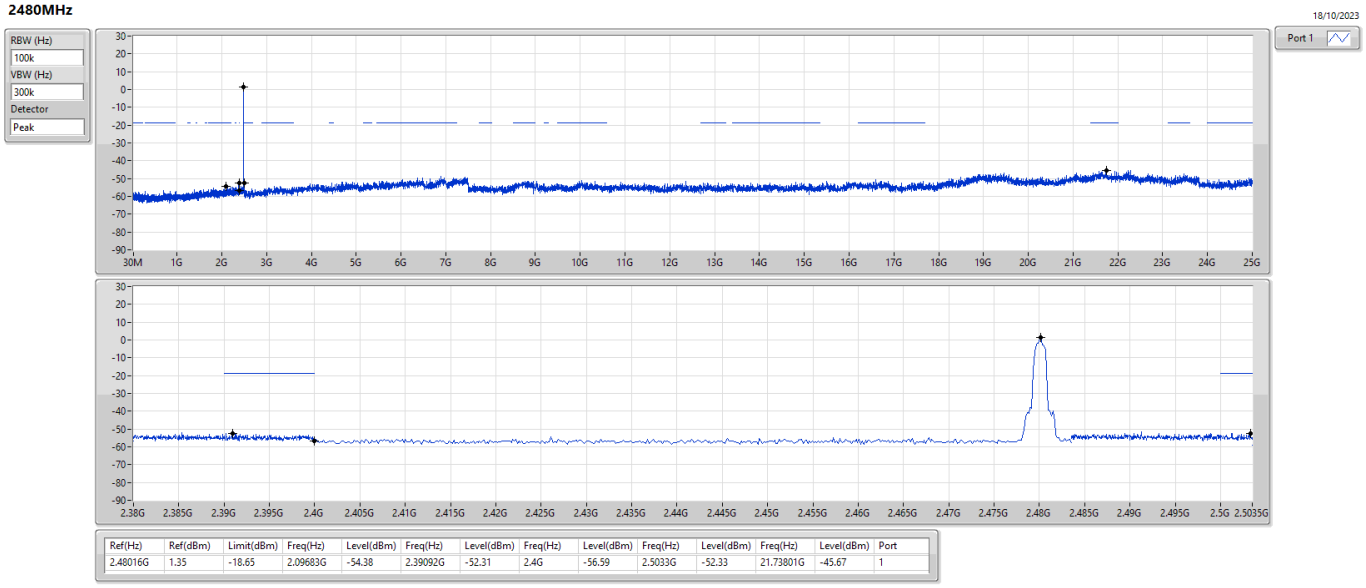
2440MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43975G	1.93	-18.07	2.10035G	-54.93	2.39092G	-52.87	2.4G	-57.87	2.50178G	-52.97	21.94048G	-45.70	1

2.4-2.4835GHz_BT-EDR(3Mbps) CSENdB-FS

2480MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.48016G	1.35	-18.65	2.09683G	-54.38	2.39092G	-52.31	2.4G	-56.59	2.5033G	-52.33	21.73801G	-45.67	1

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	0.67	-19.33	2.10153G	-55.00	2.398G	-52.08	2.4G	-55.88	2.50122G	-53.14	21.65927G	-46.15	1
BT-EDR(2Mbps)	Pass	2.44008G	-0.07	-20.07	2.08625G	-55.29	2.39128G	-52.94	2.4G	-56.74	2.50102G	-51.92	21.6424G	-45.59	1
BT-EDR(3Mbps)	Pass	2.40217G	0.44	-19.56	2.08743G	-54.83	2.39248G	-52.38	2.4G	-57.31	2.50138G	-52.33	21.58334G	-45.91	1

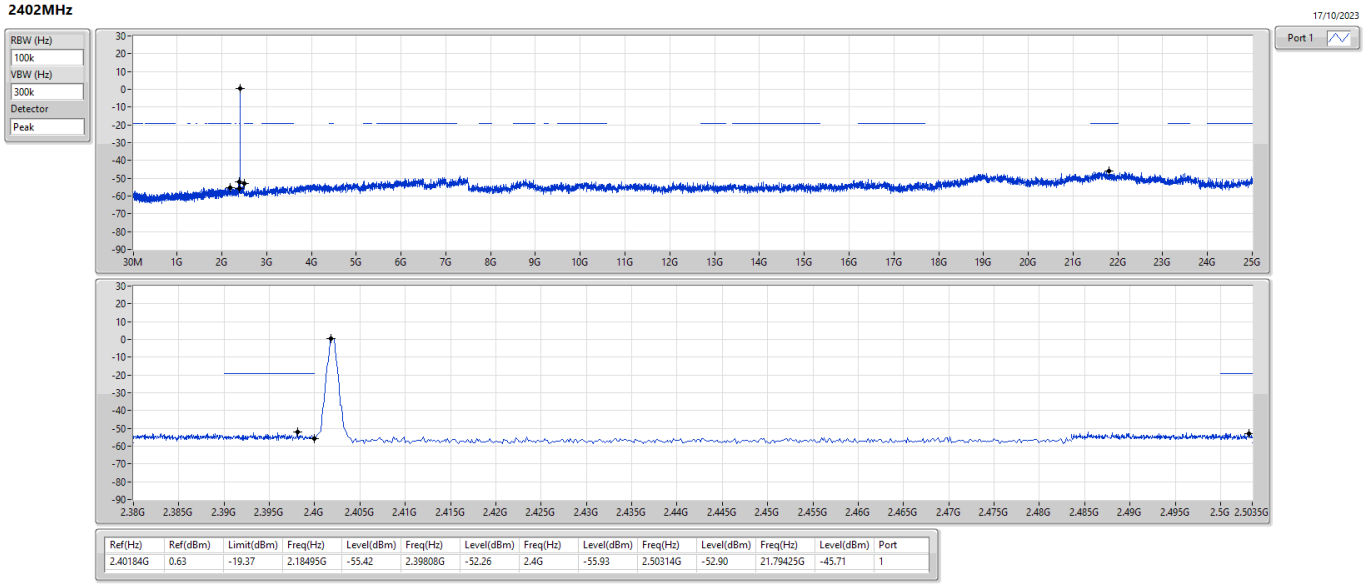
Result

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	0.63	-19.37	2.18495G	-55.42	2.39808G	-52.26	2.4G	-55.93	2.50314G	-52.90	21.79425G	-45.71	1
2440MHz	Pass	2.40184G	0.67	-19.33	2.10153G	-55.00	2.398G	-52.08	2.4G	-55.88	2.50122G	-53.14	21.65927G	-46.15	1
2480MHz	Pass	2.47999G	1.24	-18.76	1.85243G	-54.28	2.39988G	-52.85	2.4G	-57.09	2.50018G	-52.75	21.70145G	-46.22	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	-0.32	-20.32	2.08038G	-55.07	2.39676G	-52.94	2.4G	-56.46	2.50038G	-53.05	21.62553G	-45.93	1
2440MHz	Pass	2.44008G	-0.07	-20.07	2.08625G	-55.29	2.39128G	-52.94	2.4G	-56.74	2.50102G	-51.92	21.6424G	-45.59	1
2480MHz	Pass	2.47983G	1.47	-18.53	2.098G	-55.36	2.39844G	-53.19	2.4G	-56.91	2.5035G	-52.93	21.62834G	-45.45	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40217G	0.44	-19.56	2.08743G	-54.83	2.39248G	-52.38	2.4G	-57.31	2.50138G	-52.33	21.58334G	-45.91	1
2440MHz	Pass	2.43991G	-0.28	-20.28	1.8677G	-54.45	2.396G	-53.26	2.4G	-57.11	2.50306G	-53.18	21.62553G	-46.18	1
2480MHz	Pass	2.47999G	0.60	-19.40	2.0745G	-54.70	2.39856G	-52.81	2.4G	-57.29	2.50142G	-52.66	21.70426G	-45.77	1

2.4-2.4835GHz_BT-BR(1Mbps)

CSENdB-FS

2402MHz

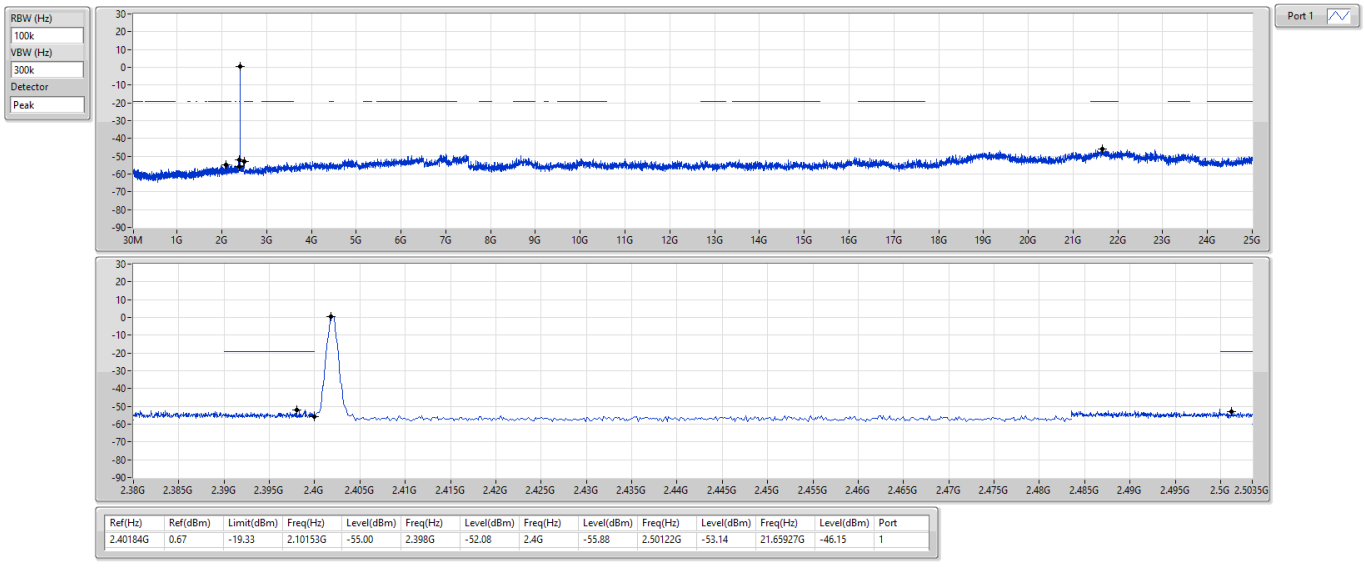


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40184G	0.63	-19.37	2.18495G	-55.42	2.39808G	-52.26	2.4G	-55.93	2.50314G	-52.90	21.79425G	-45.71	1

2.4-2.4835GHz_BT-BR(1Mbps)

CSENdB-FS

2440MHz

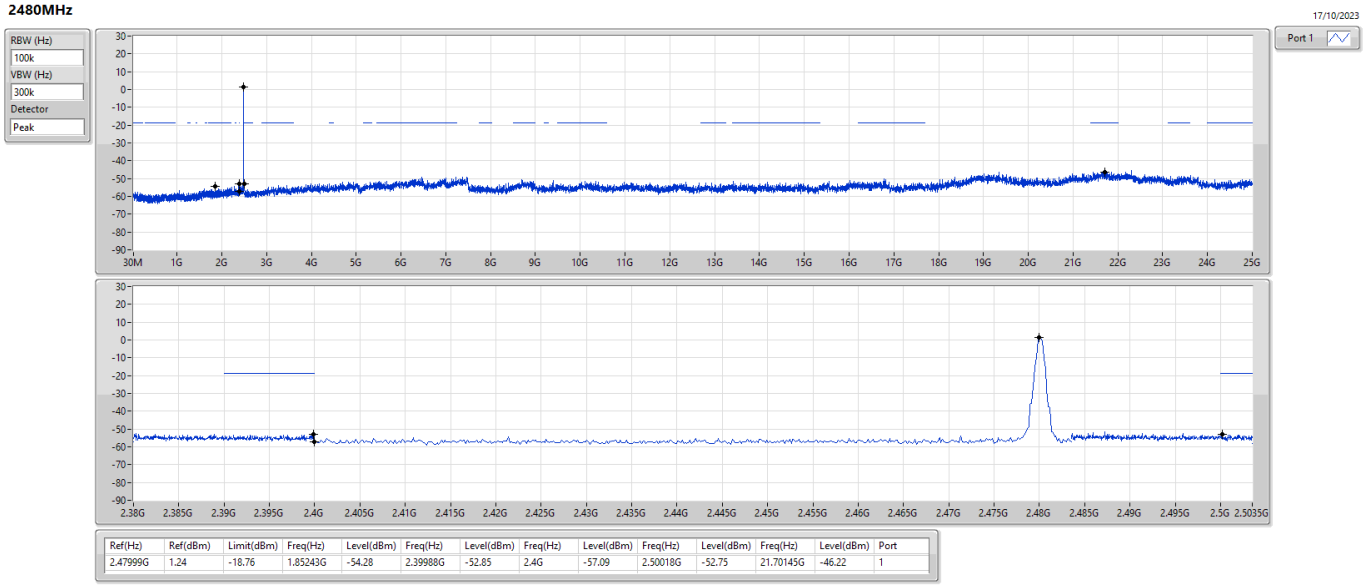


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40184G	0.67	-19.33	2.10153G	-55.00	2.398G	-52.08	2.4G	-55.88	2.50122G	-53.14	21.65927G	-46.15	1

2.4-2.4835GHz_BT-BR(1Mbps)

CSENdB-FS

2480MHz

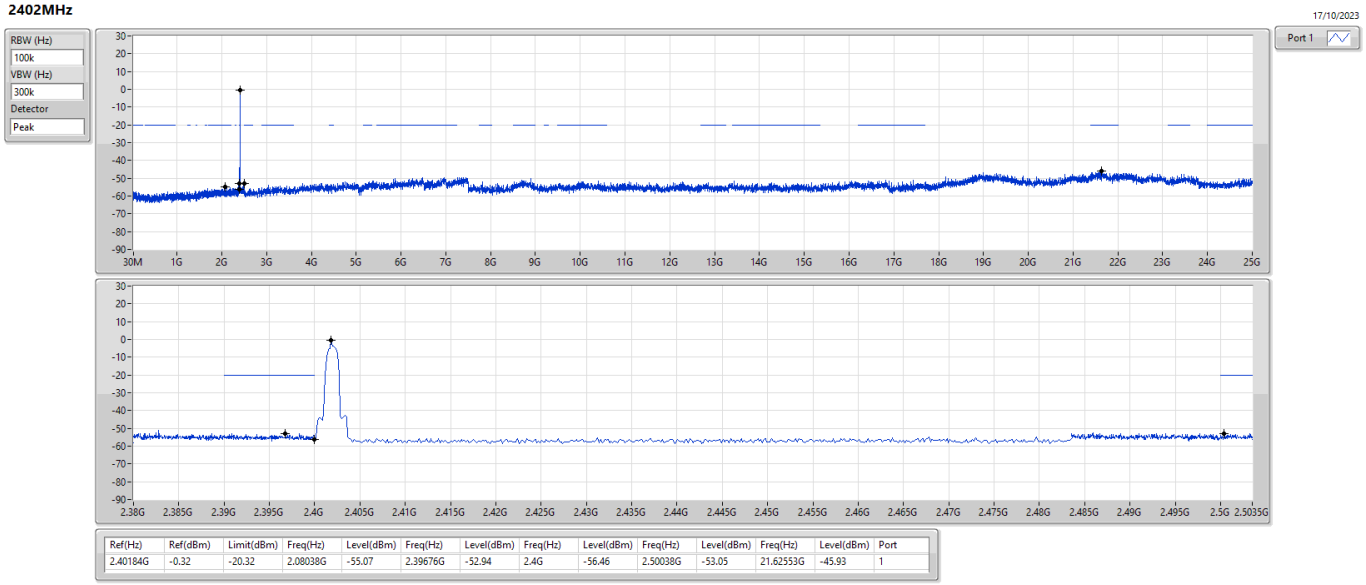


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47999G	1.24	-18.76	1.85243G	-54.28	2.39988G	-52.85	2.4G	-57.09	2.50018G	-52.75	21.70145G	-46.22	1

2.4-2.4835GHz_BT-EDR(2Mbps)

CSENdB-FS

2402MHz

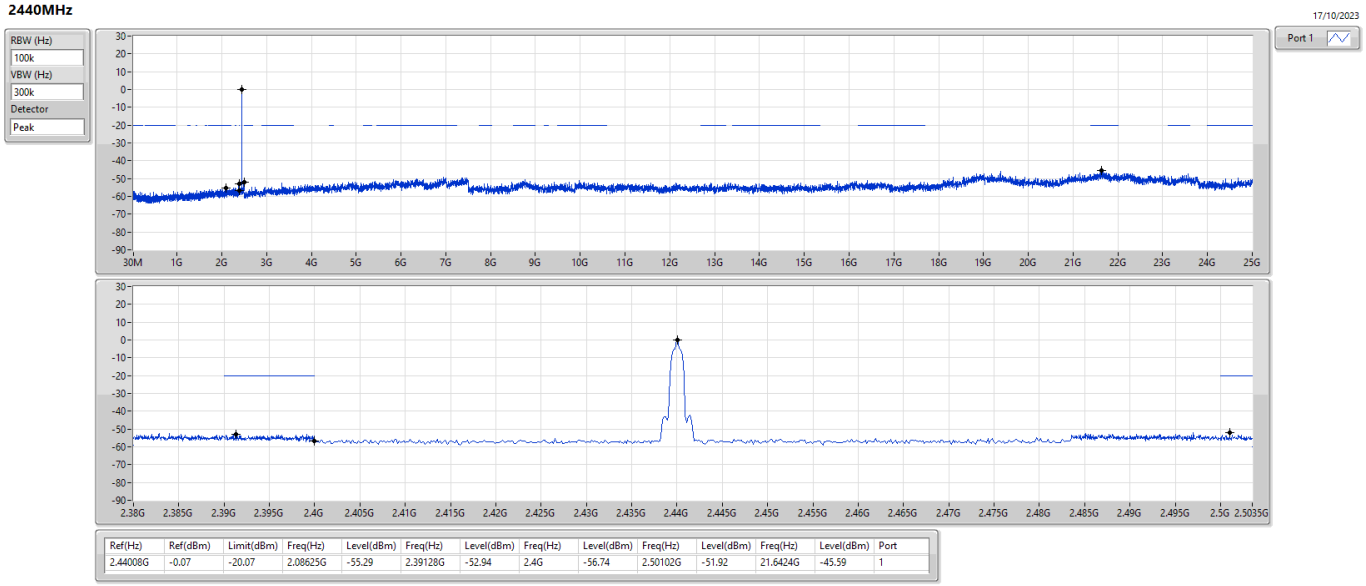


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40184G	-0.32	-20.32	2.08038G	-55.07	2.39676G	-52.94	2.4G	-56.46	2.50038G	-53.05	21.62553G	-45.93	1

2.4-2.4835GHz_BT-EDR(2Mbps)

CSENdB-FS

2440MHz

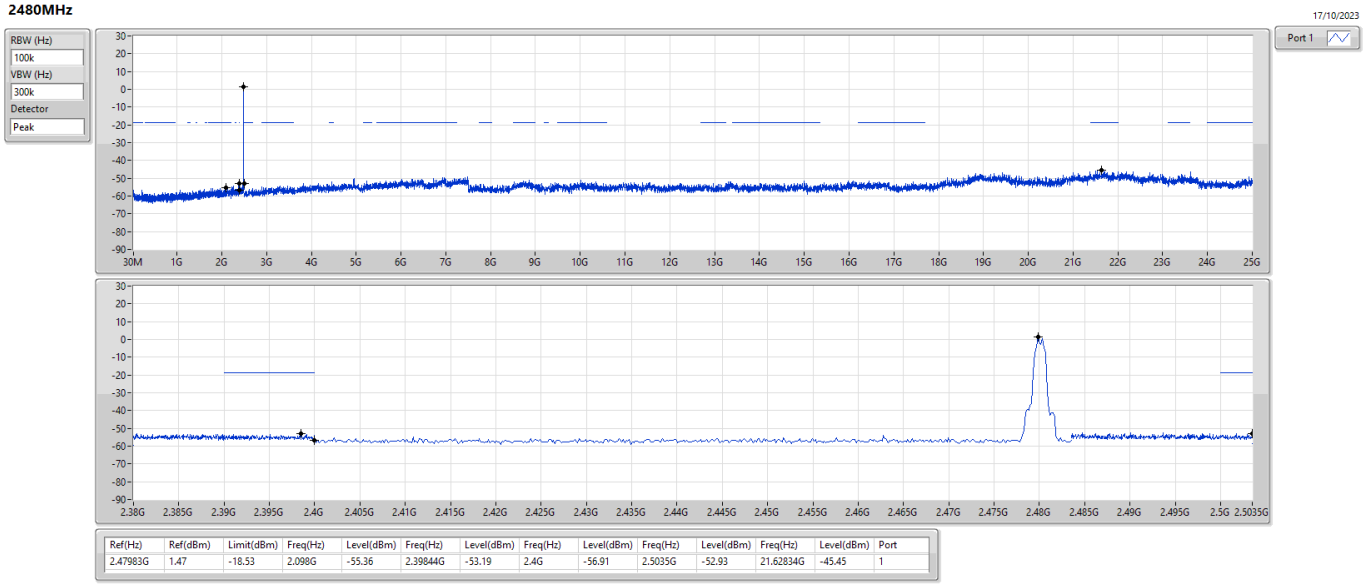


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44008G	-0.07	-20.07	2.08625G	-55.29	2.39128G	-52.94	2.4G	-56.74	2.50102G	-51.92	21.6424G	-45.59	1

2.4-2.4835GHz_BT-EDR(2Mbps)

CSENdB-FS

2480MHz

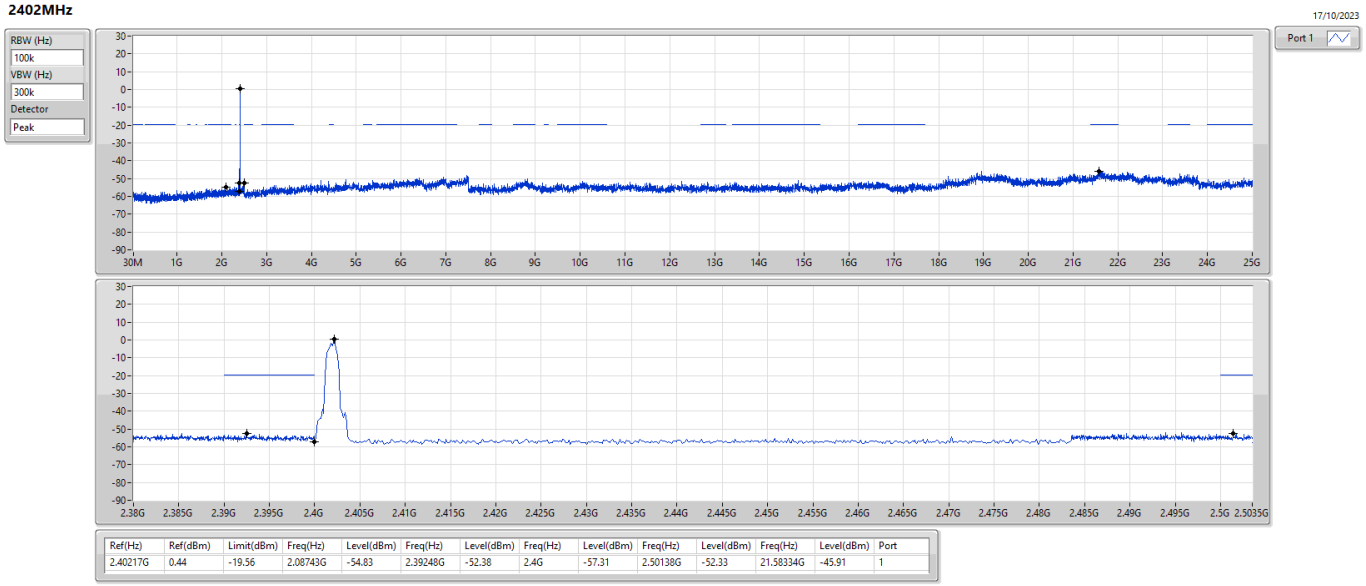


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47983G	1.47	-18.53	2.098G	-55.36	2.39844G	-53.19	2.4G	-56.91	2.5035G	-52.93	21.62834G	-45.45	1

2.4-2.4835GHz_BT-EDR(3Mbps)

CSENdB-FS

2402MHz

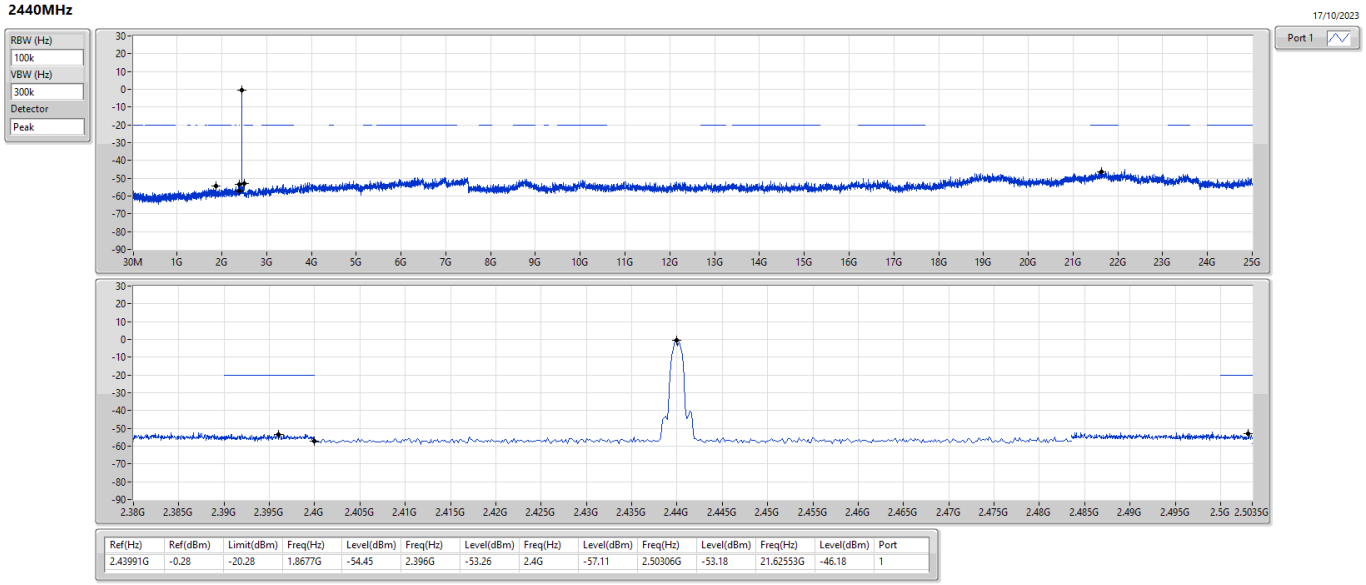


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40217G	0.44	-19.56	2.08743G	-54.83	2.39248G	-52.38	2.4G	-57.31	2.50138G	-52.33	21.58334G	-45.91	1

2.4-2.4835GHz_BT-EDR(3Mbps)

CSENdB-FS

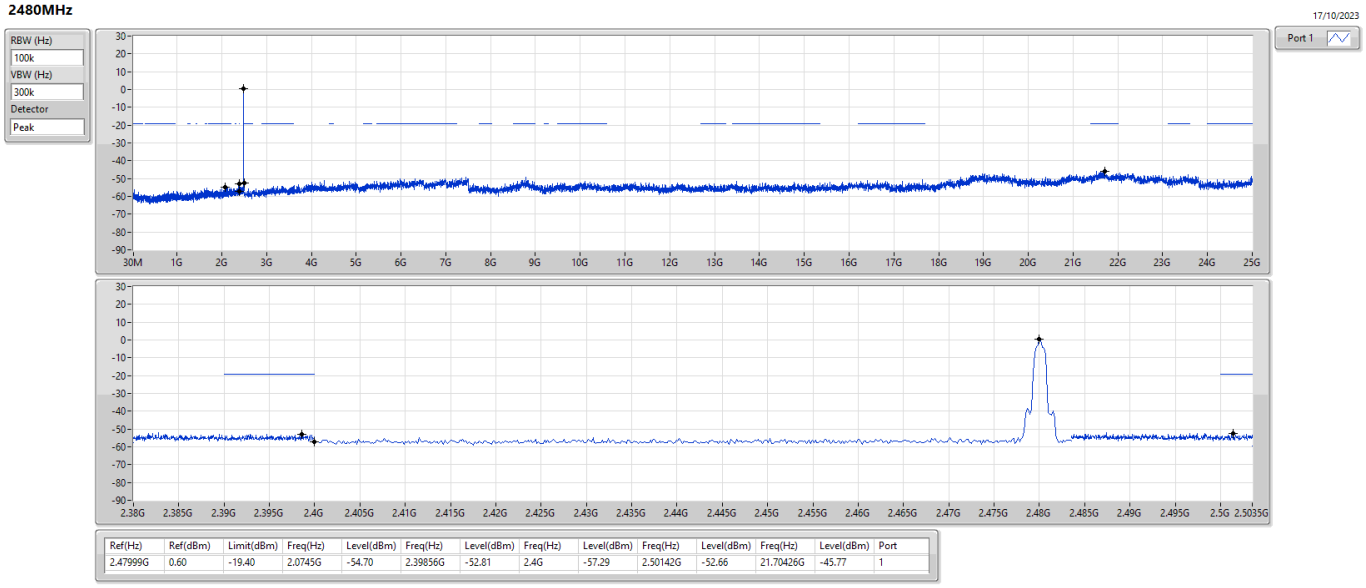
2440MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43991G	-0.28	-20.28	1.8677G	-54.45	2.396G	-53.26	2.4G	-57.11	2.50306G	-53.18	21.62553G	-46.18	1

2.4-2.4835GHz_BT-EDR(3Mbps) CSENdB-FS

2480MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.47999G	0.60	-19.40	2.0745G	-54.70	2.39856G	-52.81	2.4G	-57.29	2.50142G	-52.66	21.70426G	-45.77	1

Summary

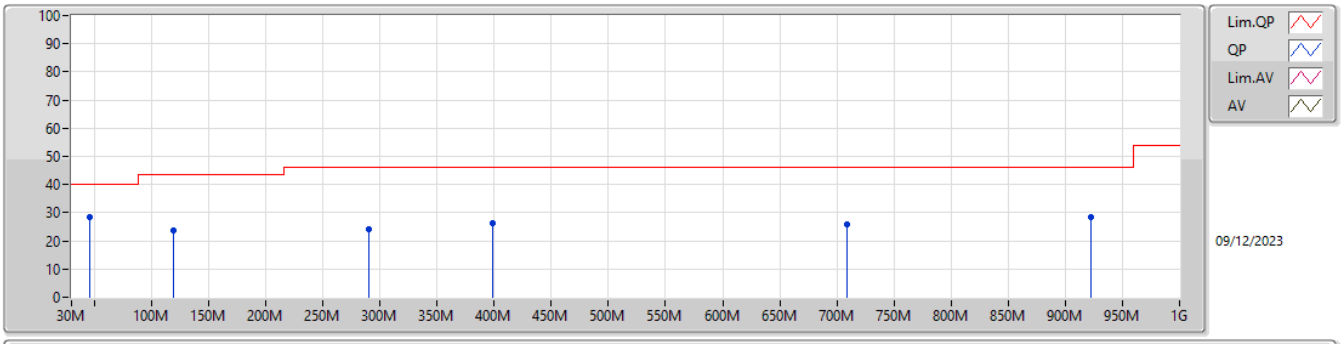
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	PK	45.52M	32.88	40.00	-7.12	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	45.52M	28.65	40.00	-11.35	3	Vertical	360	1.00
2440MHz	Pass	PK	119.24M	23.75	43.50	-19.75	3	Vertical	360	1.00
2440MHz	Pass	PK	289.96M	23.94	46.00	-22.06	3	Vertical	360	1.00
2440MHz	Pass	PK	398.6M	26.44	46.00	-19.56	3	Vertical	360	1.00
2440MHz	Pass	PK	709M	26.07	46.00	-19.93	3	Vertical	360	1.00
2440MHz	Pass	PK	922.4M	28.64	46.00	-17.36	3	Vertical	360	1.00
2440MHz	Pass	PK	142.52M	23.89	43.50	-19.61	3	Horizontal	0	1.00
2440MHz	Pass	PK	192.96M	27.74	43.50	-15.76	3	Horizontal	0	1.00
2440MHz	Pass	PK	289.96M	26.36	46.00	-19.64	3	Horizontal	0	1.00
2440MHz	Pass	PK	421.88M	25.34	46.00	-20.66	3	Horizontal	0	1.00
2440MHz	Pass	PK	530.52M	26.79	46.00	-19.21	3	Horizontal	0	1.00
2440MHz	Pass	PK	858.38M	27.65	46.00	-18.35	3	Horizontal	0	1.00
2440MHz	Pass	PK	45.52M	32.88	40.00	-7.12	3	Vertical	360	1.00
2440MHz	Pass	PK	88.2M	28.79	43.50	-14.71	3	Vertical	360	1.00
2440MHz	Pass	PK	210.42M	29.99	43.50	-13.51	3	Vertical	360	1.00
2440MHz	Pass	PK	497.54M	35.90	46.00	-10.10	3	Vertical	360	1.00
2440MHz	Pass	PK	631.4M	33.33	46.00	-12.67	3	Vertical	360	1.00
2440MHz	Pass	PK	901.06M	29.81	46.00	-16.19	3	Vertical	360	1.00
2440MHz	Pass	PK	88.2M	32.04	43.50	-11.46	3	Horizontal	0	1.00
2440MHz	Pass	PK	210.42M	34.52	43.50	-8.98	3	Horizontal	0	1.00
2440MHz	Pass	PK	288.02M	27.14	46.00	-18.86	3	Horizontal	0	1.00
2440MHz	Pass	PK	406.36M	28.00	46.00	-18.00	3	Horizontal	0	1.00
2440MHz	Pass	PK	631.4M	30.01	46.00	-15.99	3	Horizontal	0	1.00
2440MHz	Pass	PK	798.24M	32.82	46.00	-13.18	3	Horizontal	0	1.00

2.4-2.4835GHz_BT-BR(1Mbps)

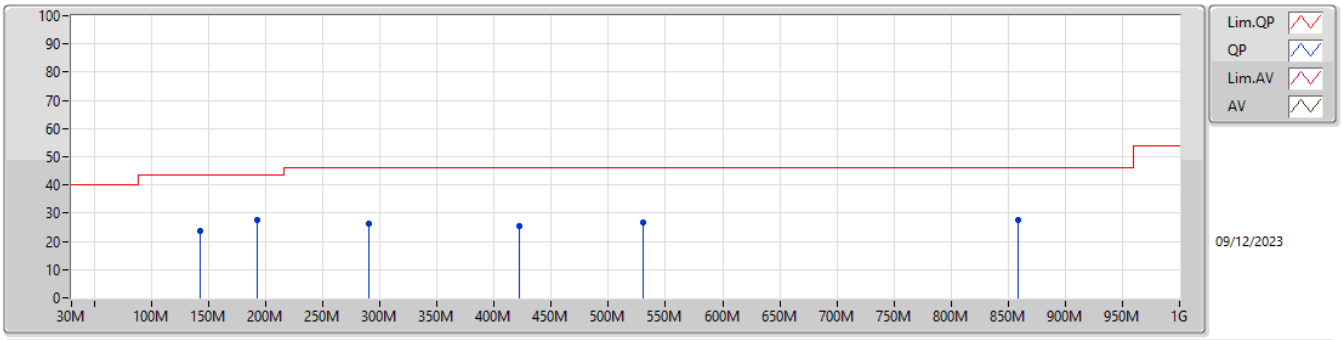
2440MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	45.52M	28.65	40.00	-11.35	-11.49	3	Vertical	360	1.00	40.14	15.39	0.51	27.39
PK	119.24M	23.75	43.50	-19.75	-9.31	3	Vertical	360	1.00	33.06	17.11	0.82	27.24
PK	289.96M	23.94	46.00	-22.06	-7.39	3	Vertical	360	1.00	31.33	18.09	1.26	26.74
PK	398.6M	26.44	46.00	-19.56	-5.26	3	Vertical	360	1.00	31.70	20.77	1.47	27.50
PK	709M	26.07	46.00	-19.93	-2.48	3	Vertical	360	1.00	28.55	23.94	1.94	28.36
PK	922.4M	28.64	46.00	-17.36	-0.05	3	Vertical	360	1.00	28.69	25.54	2.23	27.82

2.4-2.4835GHz_BT-BR(1Mbps)

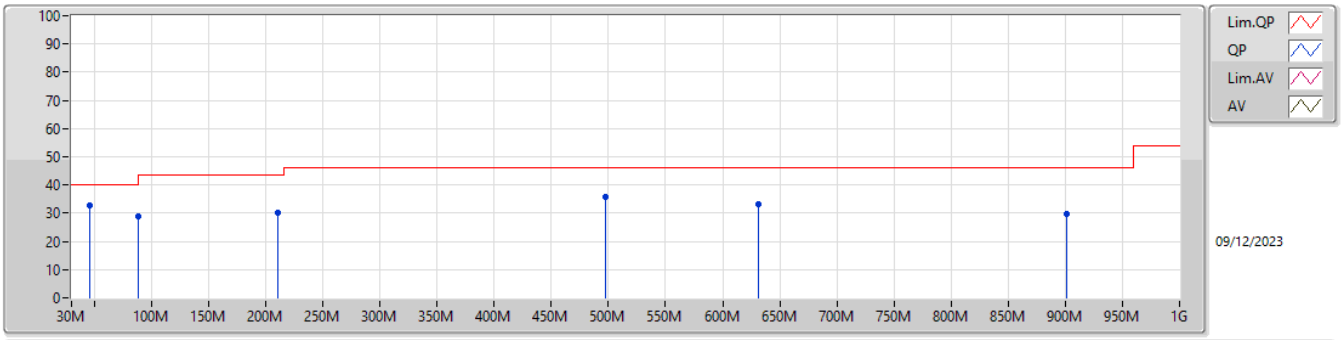
2440MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	142.52M	23.89	43.50	-19.61	-10.18	3	Horizontal	0	1.00	34.07	16.10	0.89	27.17
PK	192.96M	27.74	43.50	-15.76	-11.71	3	Horizontal	0	1.00	39.45	14.17	1.03	26.91
PK	289.96M	26.36	46.00	-19.64	-7.39	3	Horizontal	0	1.00	33.75	18.09	1.26	26.74
PK	421.88M	25.34	46.00	-20.66	-4.51	3	Horizontal	0	1.00	29.85	21.70	1.51	27.72
PK	530.52M	26.79	46.00	-19.21	-3.84	3	Horizontal	0	1.00	30.63	22.75	1.69	28.28
PK	858.38M	27.65	46.00	-18.35	-0.52	3	Horizontal	0	1.00	28.17	25.31	2.16	27.99

2.4-2.4835GHz_BT-BR(1Mbps)

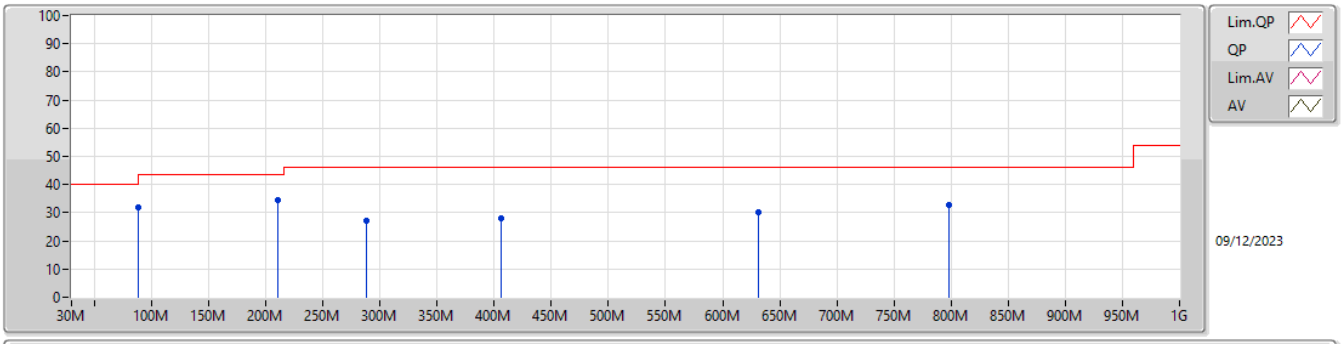
2440MHz_USB



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	45.52M	32.88	40.00	-7.12	-11.49	3	Vertical	360	1.00	44.37	15.39	0.51	27.39
PK	88.2M	28.79	43.50	-14.71	-12.82	3	Vertical	360	1.00	41.61	13.81	0.70	27.33
PK	210.42M	29.99	43.50	-13.51	-11.55	3	Vertical	360	1.00	41.54	14.21	1.07	26.83
PK	497.54M	35.90	46.00	-10.10	-4.07	3	Vertical	360	1.00	39.97	22.44	1.65	28.16
PK	631.4M	33.33	46.00	-12.67	-2.45	3	Vertical	360	1.00	35.78	24.11	1.84	28.40
PK	901.06M	29.81	46.00	-16.19	-0.19	3	Vertical	360	1.00	30.00	25.55	2.20	27.94

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_USB



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	88.2M	32.04	43.50	-11.46	-12.82	3	Horizontal	0	1.00	44.86	13.81	0.70	27.33
PK	210.42M	34.52	43.50	-8.98	-11.55	3	Horizontal	0	1.00	46.07	14.21	1.07	26.83
PK	288.02M	27.14	46.00	-18.86	-7.45	3	Horizontal	0	1.00	34.59	18.04	1.25	26.74
PK	406.36M	28.00	46.00	-18.00	-4.90	3	Horizontal	0	1.00	32.90	21.19	1.48	27.57
PK	631.4M	30.01	46.00	-15.99	-2.45	3	Horizontal	0	1.00	32.46	24.11	1.84	28.40
PK	798.24M	32.82	46.00	-13.18	-1.22	3	Horizontal	0	1.00	34.04	25.01	2.08	28.31

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	PK	2.3728G	58.29	74.00	-15.71	3	Vertical	227	2.74
BT-EDR(3Mbps)	Pass	PK	2.4916G	58.17	74.00	-15.83	3	Vertical	224	2.75

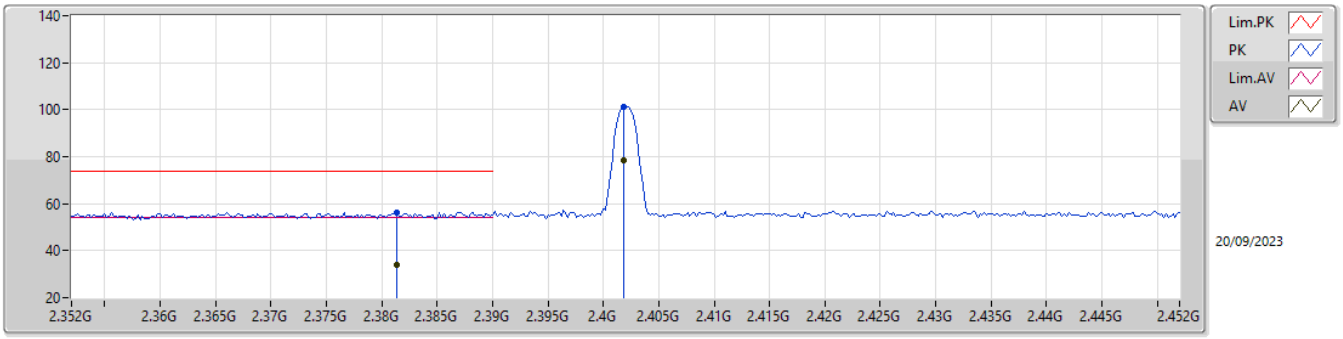
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3814G	33.93	54.00	-20.07	3	Vertical	43	1.02
2402MHz	Pass	AV	2.4018G	78.70	Inf	-Inf	3	Vertical	43	1.02
2402MHz	Pass	PK	2.3814G	56.43	74.00	-17.57	3	Vertical	43	1.02
2402MHz	Pass	PK	2.4018G	101.20	Inf	-Inf	3	Vertical	43	1.02
2402MHz	Pass	AV	2.3736G	34.64	54.00	-19.36	3	Horizontal	165	2.18
2402MHz	Pass	AV	2.4018G	82.69	Inf	-Inf	3	Horizontal	165	2.18
2402MHz	Pass	PK	2.3736G	57.14	74.00	-16.86	3	Horizontal	165	2.18
2402MHz	Pass	PK	2.4018G	105.19	Inf	-Inf	3	Horizontal	165	2.18
2402MHz	Pass	AV	4.80272G	18.30	54.00	-35.70	3	Vertical	152	1.44
2402MHz	Pass	PK	4.80692G	40.80	74.00	-33.20	3	Vertical	152	1.44
2402MHz	Pass	AV	4.80164G	19.83	54.00	-34.17	3	Horizontal	262	1.66
2402MHz	Pass	PK	4.80164G	42.33	74.00	-31.67	3	Horizontal	262	1.66
2440MHz	Pass	AV	2.3728G	35.79	54.00	-18.21	3	Vertical	227	2.74
2440MHz	Pass	AV	2.44G	75.38	Inf	-Inf	3	Vertical	227	2.74
2440MHz	Pass	AV	2.4848G	34.71	54.00	-19.29	3	Vertical	227	2.74
2440MHz	Pass	PK	2.3728G	58.29	74.00	-15.71	3	Vertical	227	2.74
2440MHz	Pass	PK	2.44G	97.88	Inf	-Inf	3	Vertical	227	2.74
2440MHz	Pass	PK	2.4848G	57.21	74.00	-16.79	3	Vertical	227	2.74
2440MHz	Pass	AV	2.3772G	34.78	54.00	-19.22	3	Horizontal	0	2.37
2440MHz	Pass	AV	2.44G	78.41	Inf	-Inf	3	Horizontal	0	2.37
2440MHz	Pass	AV	2.4916G	35.11	54.00	-18.89	3	Horizontal	0	2.37
2440MHz	Pass	PK	2.3772G	57.28	74.00	-16.72	3	Horizontal	0	2.37
2440MHz	Pass	PK	2.44G	100.91	Inf	-Inf	3	Horizontal	0	2.37
2440MHz	Pass	PK	2.4916G	57.67	74.00	-16.33	3	Horizontal	0	2.37
2440MHz	Pass	AV	4.88364G	19.91	54.00	-34.09	3	Vertical	331	1.59
2440MHz	Pass	PK	4.88364G	42.41	74.00	-31.59	3	Vertical	331	1.59
2440MHz	Pass	AV	4.8785G	19.75	54.00	-34.25	3	Horizontal	231	2.09
2440MHz	Pass	PK	4.8785G	42.25	74.00	-31.75	3	Horizontal	231	2.09
2480MHz	Pass	AV	2.4798G	76.66	Inf	-Inf	3	Vertical	223	3.00
2480MHz	Pass	AV	2.486G	35.61	54.00	-18.39	3	Vertical	223	3.00
2480MHz	Pass	PK	2.4798G	99.16	Inf	-Inf	3	Vertical	223	3.00
2480MHz	Pass	PK	2.486G	58.11	74.00	-15.89	3	Vertical	223	3.00
2480MHz	Pass	AV	2.4798G	79.70	Inf	-Inf	3	Horizontal	10	2.63
2480MHz	Pass	AV	2.4956G	35.10	54.00	-18.90	3	Horizontal	10	2.63
2480MHz	Pass	PK	2.4798G	102.20	Inf	-Inf	3	Horizontal	10	2.63
2480MHz	Pass	PK	2.4956G	57.60	74.00	-16.40	3	Horizontal	10	2.63
2480MHz	Pass	AV	4.96424G	20.51	54.00	-33.49	3	Vertical	114	2.90
2480MHz	Pass	PK	4.96424G	43.01	74.00	-30.99	3	Vertical	114	2.90
2480MHz	Pass	AV	4.95936G	20.33	54.00	-33.67	3	Horizontal	351	1.13
2480MHz	Pass	PK	4.95936G	42.83	74.00	-31.17	3	Horizontal	351	1.13
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3624G	34.66	54.00	-19.34	3	Vertical	228	2.91
2402MHz	Pass	AV	2.4018G	75.95	Inf	-Inf	3	Vertical	228	2.91
2402MHz	Pass	PK	2.3624G	57.16	74.00	-16.84	3	Vertical	228	2.91
2402MHz	Pass	PK	2.4018G	98.45	Inf	-Inf	3	Vertical	228	2.91
2402MHz	Pass	AV	2.3772G	34.67	54.00	-19.33	3	Horizontal	360	2.17
2402MHz	Pass	AV	2.4018G	78.21	Inf	-Inf	3	Horizontal	360	2.17
2402MHz	Pass	PK	2.3772G	57.17	74.00	-16.83	3	Horizontal	360	2.17
2402MHz	Pass	PK	2.4018G	100.71	Inf	-Inf	3	Horizontal	360	2.17
2402MHz	Pass	AV	4.80246G	18.35	54.00	-35.65	3	Vertical	48	2.60
2402MHz	Pass	PK	4.80246G	40.85	74.00	-33.15	3	Vertical	48	2.60
2402MHz	Pass	AV	4.80388G	19.71	54.00	-34.29	3	Horizontal	181	1.32
2402MHz	Pass	PK	4.80388G	42.21	74.00	-31.79	3	Horizontal	181	1.32
2440MHz	Pass	AV	2.368G	34.63	54.00	-19.37	3	Vertical	224	2.75
2440MHz	Pass	AV	2.4404G	74.05	Inf	-Inf	3	Vertical	224	2.75
2440MHz	Pass	AV	2.4916G	35.67	54.00	-18.33	3	Vertical	224	2.75
2440MHz	Pass	PK	2.368G	57.13	74.00	-16.87	3	Vertical	224	2.75
2440MHz	Pass	PK	2.4404G	96.55	Inf	-Inf	3	Vertical	224	2.75
2440MHz	Pass	PK	2.4916G	58.17	74.00	-15.83	3	Vertical	224	2.75
2440MHz	Pass	AV	2.3776G	34.87	54.00	-19.13	3	Horizontal	360	2.75

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2440MHz	Pass	AV	2.4404G	77.38	Inf	-Inf	3	Horizontal	360	2.75
2440MHz	Pass	AV	2.4844G	34.86	54.00	-19.14	3	Horizontal	360	2.75
2440MHz	Pass	PK	2.3776G	57.37	74.00	-16.63	3	Horizontal	360	2.75
2440MHz	Pass	PK	2.4404G	99.88	Inf	-Inf	3	Horizontal	360	2.75
2440MHz	Pass	PK	2.4844G	57.36	74.00	-16.64	3	Horizontal	360	2.75
2440MHz	Pass	AV	4.87574G	19.93	54.00	-34.07	3	Vertical	37	1.63
2440MHz	Pass	PK	4.87574G	42.43	74.00	-31.57	3	Vertical	37	1.63
2440MHz	Pass	AV	4.87752G	19.17	54.00	-34.83	3	Horizontal	235	1.88
2440MHz	Pass	PK	4.87752G	41.67	74.00	-32.33	3	Horizontal	235	1.88
2480MHz	Pass	AV	2.4798G	76.21	Inf	-Inf	3	Vertical	224	3.00
2480MHz	Pass	AV	2.4974G	35.22	54.00	-18.78	3	Vertical	224	3.00
2480MHz	Pass	PK	2.4798G	98.71	Inf	-Inf	3	Vertical	224	3.00
2480MHz	Pass	PK	2.4974G	57.72	74.00	-16.28	3	Vertical	224	3.00
2480MHz	Pass	AV	2.48G	79.19	Inf	-Inf	3	Horizontal	10	2.63
2480MHz	Pass	AV	2.498G	35.40	54.00	-18.60	3	Horizontal	10	2.63
2480MHz	Pass	PK	2.48G	101.69	Inf	-Inf	3	Horizontal	10	2.63
2480MHz	Pass	PK	2.498G	57.90	74.00	-16.10	3	Horizontal	10	2.63
2480MHz	Pass	AV	4.95716G	20.34	54.00	-33.66	3	Vertical	12	2.63
2480MHz	Pass	PK	4.95716G	42.84	74.00	-31.16	3	Vertical	12	2.63
2480MHz	Pass	AV	4.96014G	20.40	54.00	-33.60	3	Horizontal	323	2.30
2480MHz	Pass	PK	4.96014G	42.90	74.00	-31.10	3	Horizontal	323	2.30

2.4-2.4835GHz_BT-BR(1Mbps)

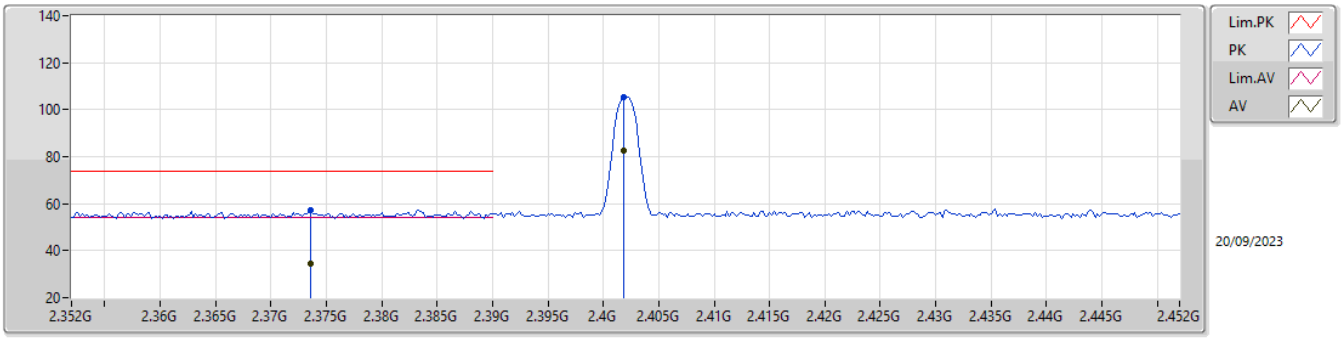
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3814G	33.93	54.00	-20.07	31.14	3	Vertical	43	1.02	2.79	27.51	3.63	-
AV	2.4018G	78.70	Inf	-Inf	31.34	3	Vertical	43	1.02	47.36	27.70	3.64	-
PK	2.3814G	56.43	74.00	-17.57	31.14	3	Vertical	43	1.02	25.29	27.51	3.63	-
PK	2.4018G	101.20	Inf	-Inf	31.34	3	Vertical	43	1.02	69.86	27.70	3.64	-

2.4-2.4835GHz_BT-BR(1Mbps)

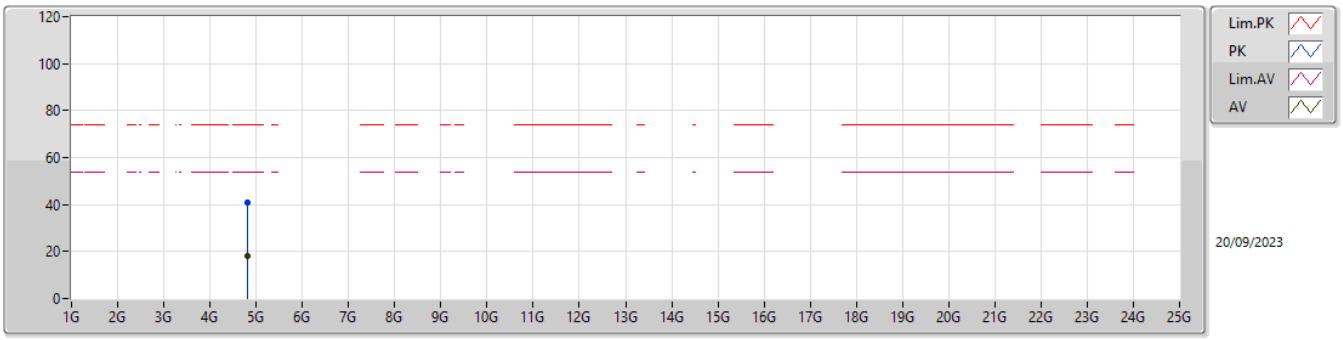
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3736G	34.64	54.00	-19.36	31.12	3	Horizontal	165	2.18	3.52	27.50	3.62	-
AV	2.4018G	82.69	Inf	-Inf	31.34	3	Horizontal	165	2.18	51.35	27.70	3.64	-
PK	2.3736G	57.14	74.00	-16.86	31.12	3	Horizontal	165	2.18	26.02	27.50	3.62	-
PK	2.4018G	105.19	Inf	-Inf	31.34	3	Horizontal	165	2.18	73.85	27.70	3.64	-

2.4-2.4835GHz_BT-BR(1Mbps)

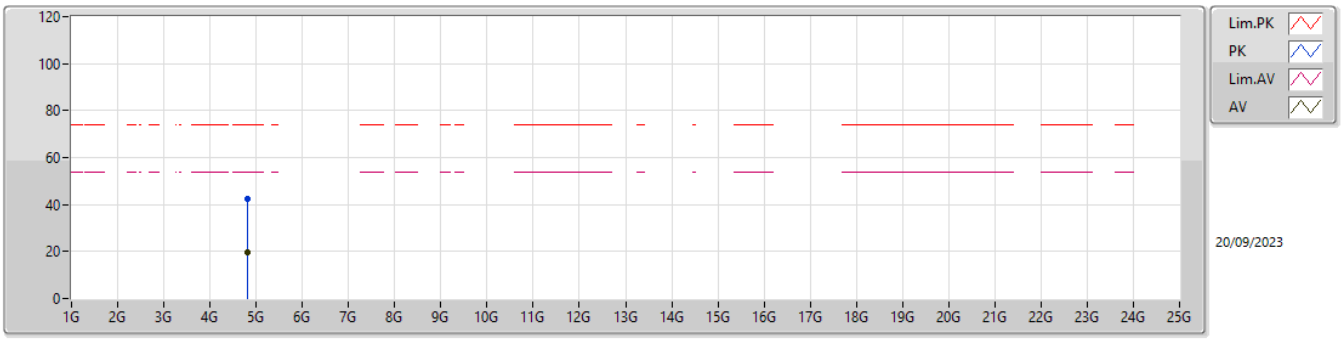
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.80692G	18.30	54.00	-35.70	0.41	3	Vertical	152	1.44	17.89	32.54	5.29	37.42
PK	4.80692G	40.80	74.00	-33.20	0.41	3	Vertical	152	1.44	40.39	32.54	5.29	37.42

2.4-2.4835GHz_BT-BR(1Mbps)

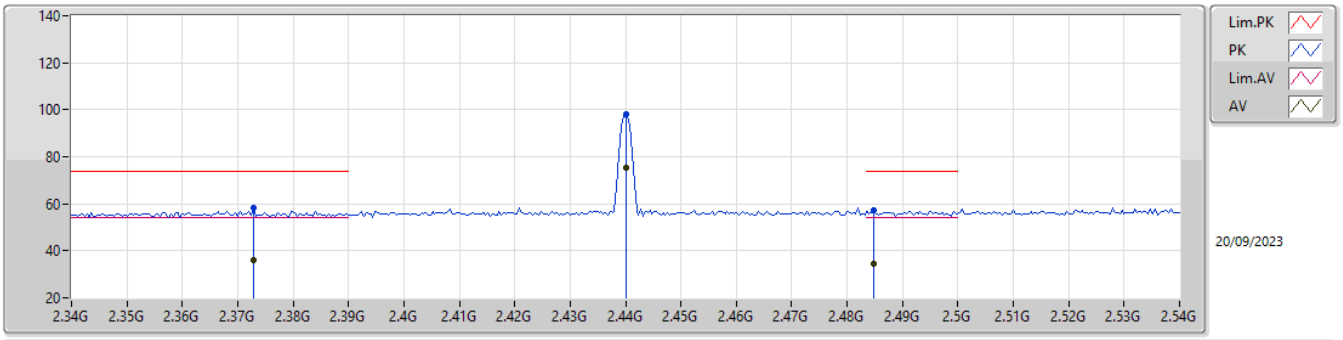
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.80164G	19.83	54.00	-34.17	0.38	3	Horizontal	262	1.66	19.45	32.51	5.29	37.42
PK	4.80164G	42.33	74.00	-31.67	0.38	3	Horizontal	262	1.66	41.95	32.51	5.29	37.42

2.4-2.4835GHz_BT-BR(1Mbps)

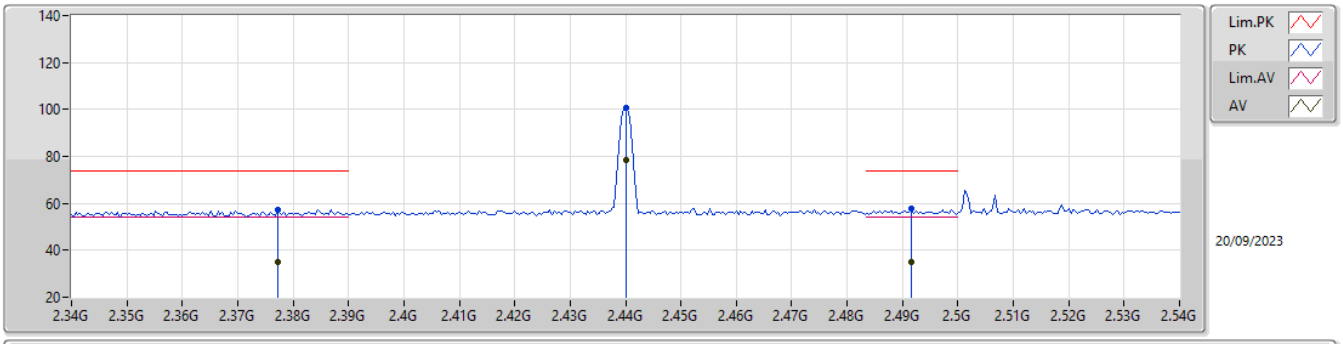
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3728G	35.79	54.00	-18.21	31.12	3	Vertical	227	2.74	4.67	27.50	3.62	-
AV	2.44G	75.38	Inf	-Inf	31.37	3	Vertical	227	2.74	44.01	27.70	3.67	-
AV	2.4848G	34.71	54.00	-19.29	31.51	3	Vertical	227	2.74	3.20	27.80	3.71	-
PK	2.3728G	58.29	74.00	-15.71	31.12	3	Vertical	227	2.74	27.17	27.50	3.62	-
PK	2.44G	97.88	Inf	-Inf	31.37	3	Vertical	227	2.74	66.51	27.70	3.67	-
PK	2.4848G	57.21	74.00	-16.79	31.51	3	Vertical	227	2.74	25.70	27.80	3.71	-

2.4-2.4835GHz_BT-BR(1Mbps)

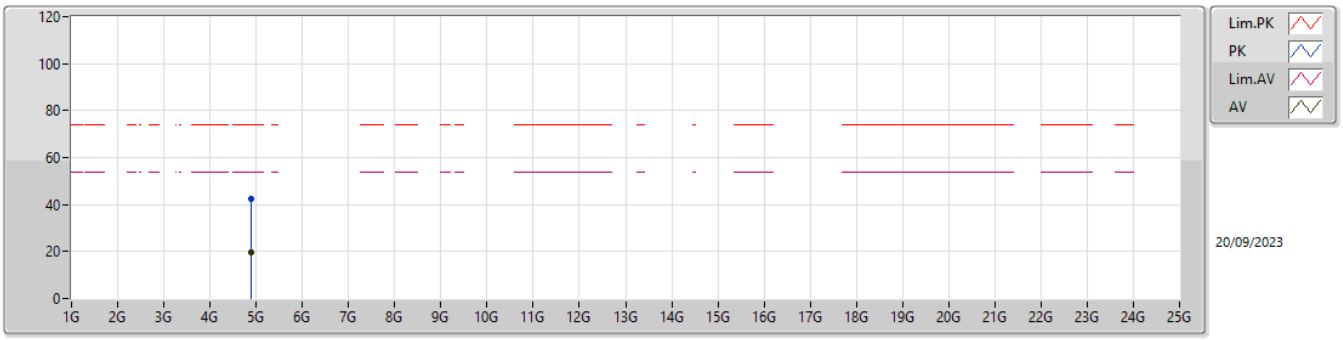
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3772G	34.78	54.00	-19.22	31.12	3	Horizontal	0	2.37	3.66	27.50	3.62	-
AV	2.44G	78.41	Inf	-Inf	31.37	3	Horizontal	0	2.37	47.04	27.70	3.67	-
AV	2.4916G	35.11	54.00	-18.89	31.51	3	Horizontal	0	2.37	3.60	27.80	3.71	-
PK	2.3772G	57.28	74.00	-16.72	31.12	3	Horizontal	0	2.37	26.16	27.50	3.62	-
PK	2.44G	100.91	Inf	-Inf	31.37	3	Horizontal	0	2.37	69.54	27.70	3.67	-
PK	2.4916G	57.67	74.00	-16.33	31.51	3	Horizontal	0	2.37	26.16	27.80	3.71	-

2.4-2.4835GHz_BT-BR(1Mbps)

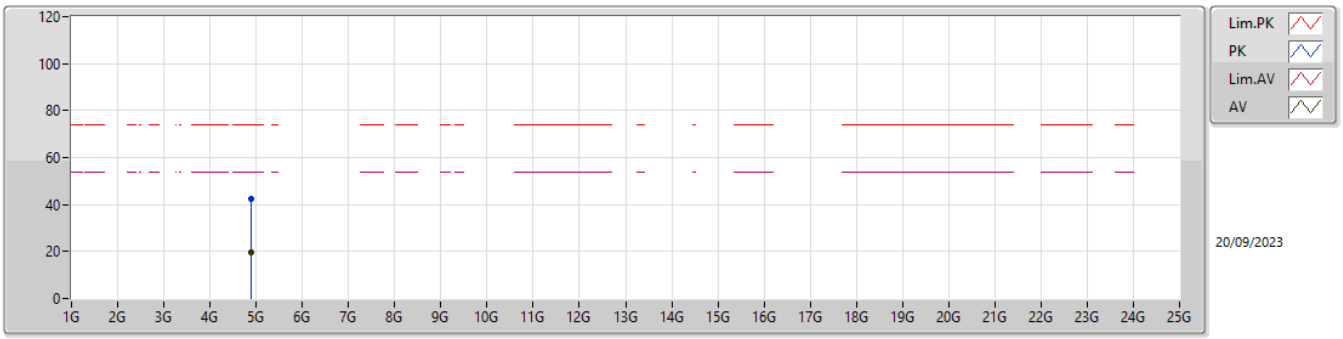
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.88364G	19.91	54.00	-34.09	0.80	3	Vertical	331	1.59	19.11	32.80	5.33	37.33
PK	4.88364G	42.41	74.00	-31.59	0.80	3	Vertical	331	1.59	41.61	32.80	5.33	37.33

2.4-2.4835GHz_BT-BR(1Mbps)

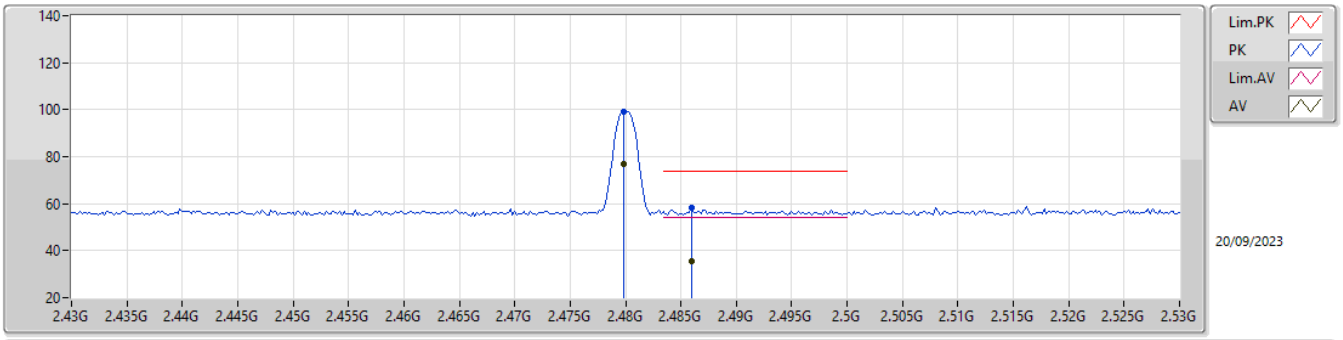
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.8785G	19.75	54.00	-34.25	0.79	3	Horizontal	231	2.09	18.96	32.80	5.33	37.34
PK	4.8785G	42.25	74.00	-31.75	0.79	3	Horizontal	231	2.09	41.46	32.80	5.33	37.34

2.4-2.4835GHz_BT-BR(1Mbps)

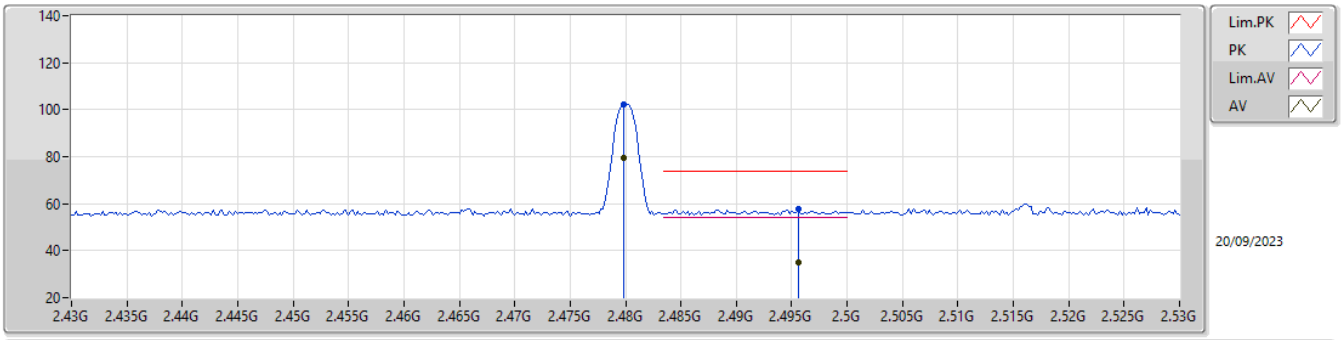
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4798G	76.66	Inf	-Inf	31.50	3	Vertical	223	3.00	45.16	27.80	3.70	-
AV	2.486G	35.61	54.00	-18.39	31.51	3	Vertical	223	3.00	4.10	27.80	3.71	-
PK	2.4798G	99.16	Inf	-Inf	31.50	3	Vertical	223	3.00	67.66	27.80	3.70	-
PK	2.486G	58.11	74.00	-15.89	31.51	3	Vertical	223	3.00	26.60	27.80	3.71	-

2.4-2.4835GHz_BT-BR(1Mbps)

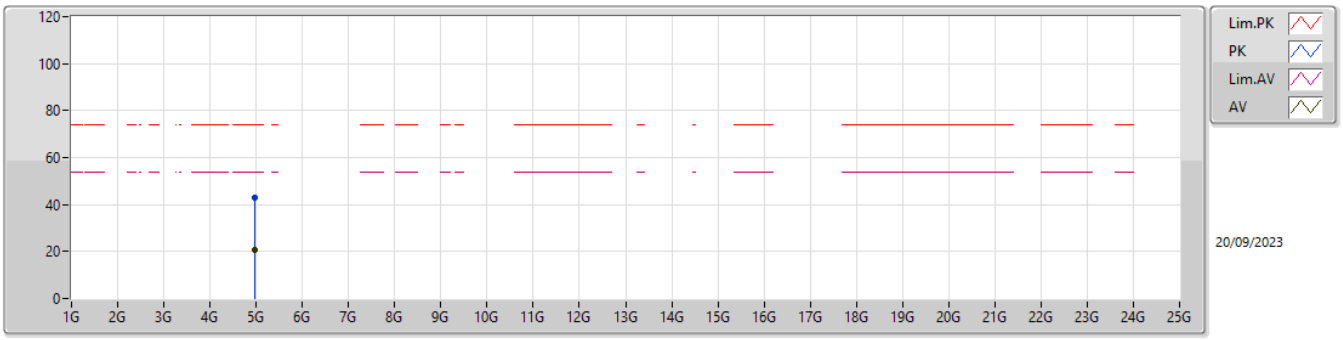
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4798G	79.70	Inf	-Inf	31.50	3	Horizontal	10	2.63	48.20	27.80	3.70	-
AV	2.4956G	35.10	54.00	-18.90	31.52	3	Horizontal	10	2.63	3.58	27.80	3.72	-
PK	2.4798G	102.20	Inf	-Inf	31.50	3	Horizontal	10	2.63	70.70	27.80	3.70	-
PK	2.4956G	57.60	74.00	-16.40	31.52	3	Horizontal	10	2.63	26.08	27.80	3.72	-

2.4-2.4835GHz_BT-BR(1Mbps)

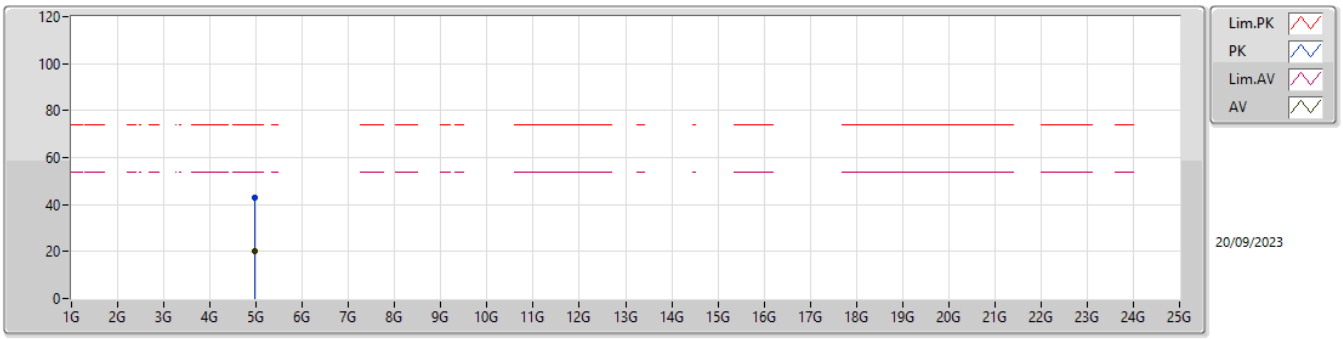
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.96424G	20.51	54.00	-33.49	1.31	3	Vertical	114	2.90	19.20	33.19	5.36	37.24
PK	4.96424G	43.01	74.00	-30.99	1.31	3	Vertical	114	2.90	41.70	33.19	5.36	37.24

2.4-2.4835GHz_BT-BR(1Mbps)

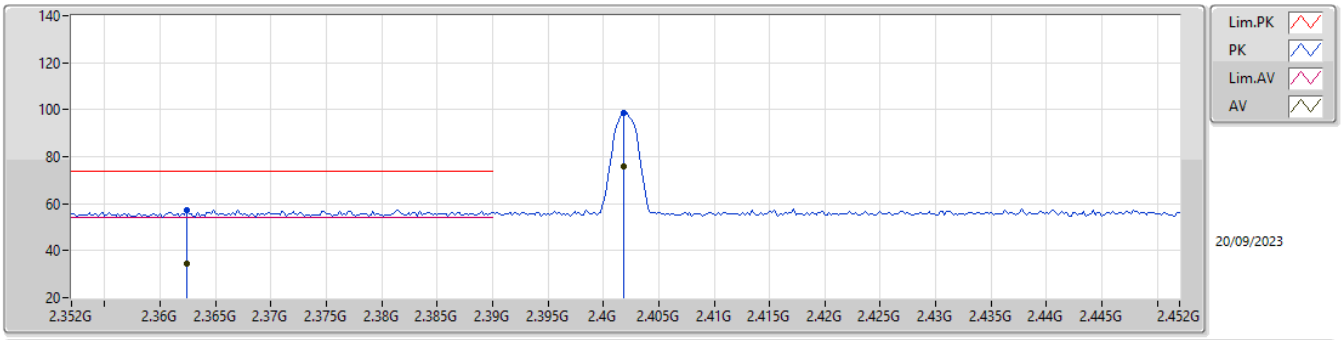
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.95936G	20.33	54.00	-33.67	1.27	3	Horizontal	351	1.13	19.06	33.16	5.36	37.25
PK	4.95936G	42.83	74.00	-31.17	1.27	3	Horizontal	351	1.13	41.56	33.16	5.36	37.25

2.4-2.4835GHz_BT-EDR(3Mbps)

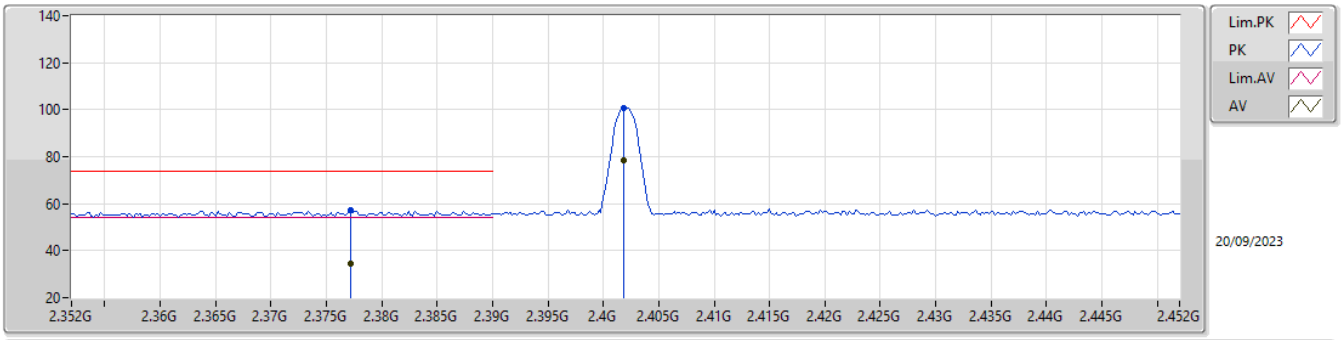
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3624G	34.66	54.00	-19.34	31.03	3	Vertical	228	2.91	3.63	27.42	3.61	-
AV	2.4018G	75.95	Inf	-Inf	31.34	3	Vertical	228	2.91	44.61	27.70	3.64	-
PK	2.3624G	57.16	74.00	-16.84	31.03	3	Vertical	228	2.91	26.13	27.42	3.61	-
PK	2.4018G	98.45	Inf	-Inf	31.34	3	Vertical	228	2.91	67.11	27.70	3.64	-

2.4-2.4835GHz_BT-EDR(3Mbps)

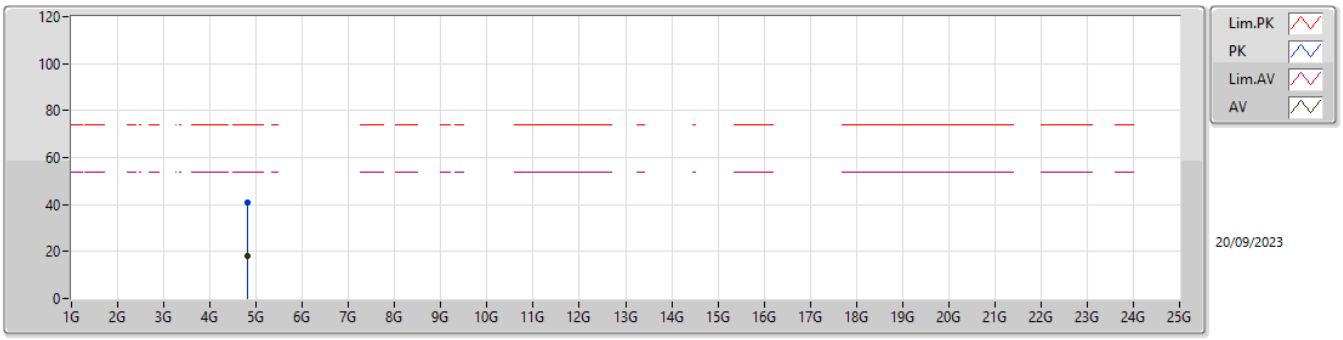
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3772G	34.67	54.00	-19.33	31.12	3	Horizontal	360	2.17	3.55	27.50	3.62	-
AV	2.4018G	78.21	Inf	-Inf	31.34	3	Horizontal	360	2.17	46.87	27.70	3.64	-
PK	2.3772G	57.17	74.00	-16.83	31.12	3	Horizontal	360	2.17	26.05	27.50	3.62	-
PK	2.4018G	100.71	Inf	-Inf	31.34	3	Horizontal	360	2.17	69.37	27.70	3.64	-

2.4-2.4835GHz_BT-EDR(3Mbps)

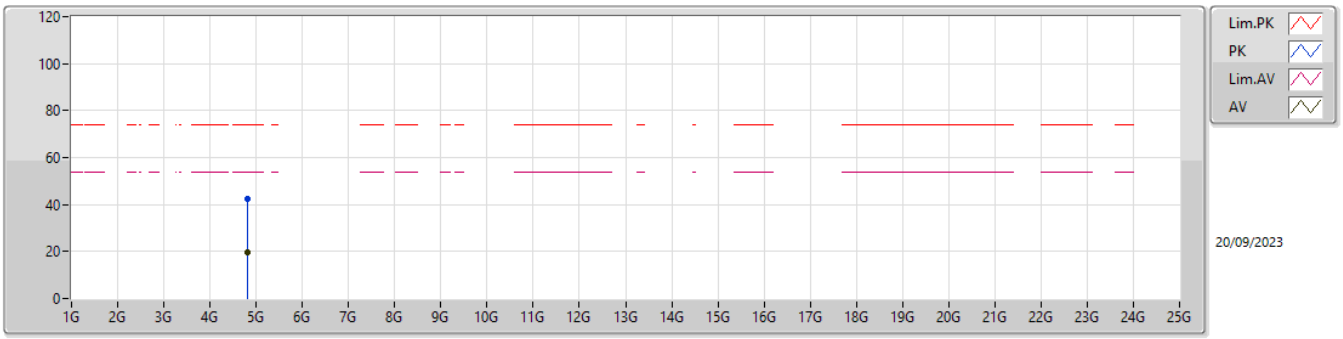
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.80246G	18.35	54.00	-35.65	0.38	3	Vertical	48	2.60	17.97	32.51	5.29	37.42
PK	4.80246G	40.85	74.00	-33.15	0.38	3	Vertical	48	2.60	40.47	32.51	5.29	37.42

2.4-2.4835GHz_BT-EDR(3Mbps)

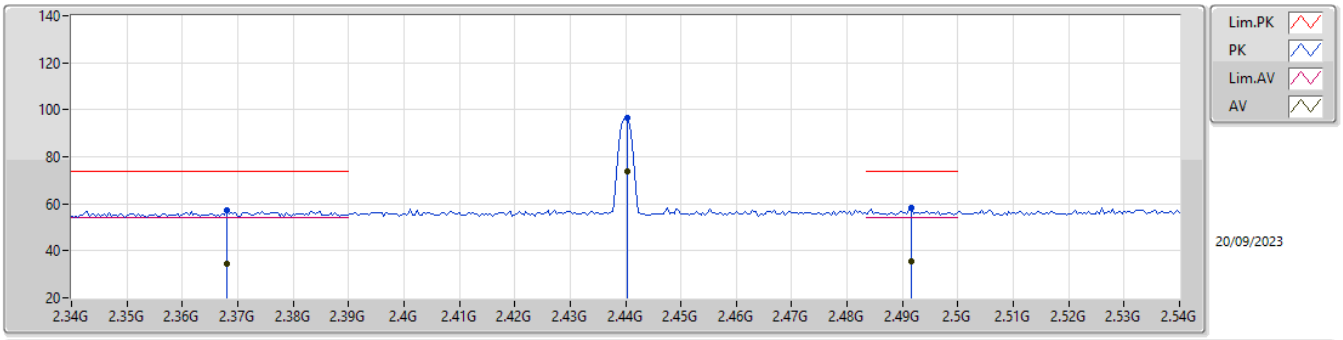
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.80388G	19.71	54.00	-34.29	0.39	3	Horizontal	181	1.32	19.32	32.52	5.29	37.42
PK	4.80388G	42.21	74.00	-31.79	0.39	3	Horizontal	181	1.32	41.82	32.52	5.29	37.42

2.4-2.4835GHz_BT-EDR(3Mbps)

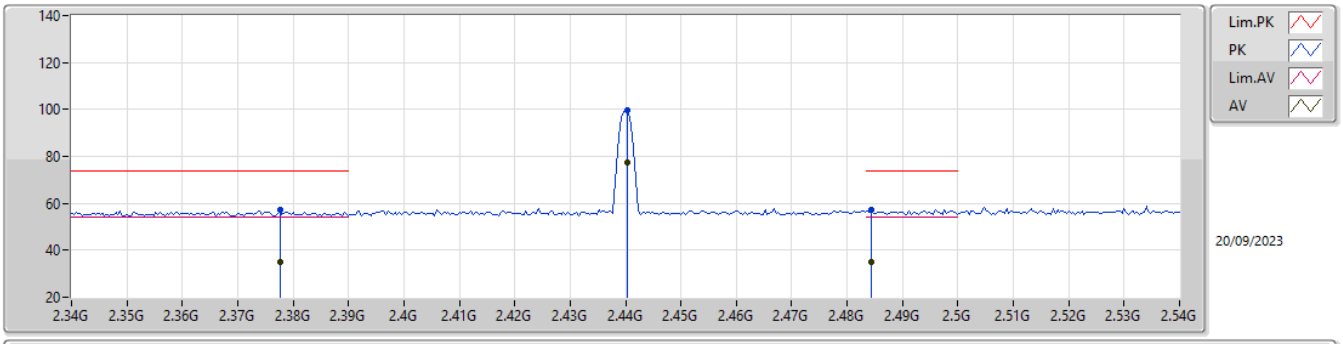
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.368G	34.63	54.00	-19.37	31.10	3	Vertical	224	2.75	3.53	27.48	3.62	-
AV	2.4404G	74.05	Inf	-Inf	31.37	3	Vertical	224	2.75	42.68	27.70	3.67	-
AV	2.4916G	35.67	54.00	-18.33	31.51	3	Vertical	224	2.75	4.16	27.80	3.71	-
PK	2.368G	57.13	74.00	-16.87	31.10	3	Vertical	224	2.75	26.03	27.48	3.62	-
PK	2.4404G	96.55	Inf	-Inf	31.37	3	Vertical	224	2.75	65.18	27.70	3.67	-
PK	2.4916G	58.17	74.00	-15.83	31.51	3	Vertical	224	2.75	26.66	27.80	3.71	-

2.4-2.4835GHz_BT-EDR(3Mbps)

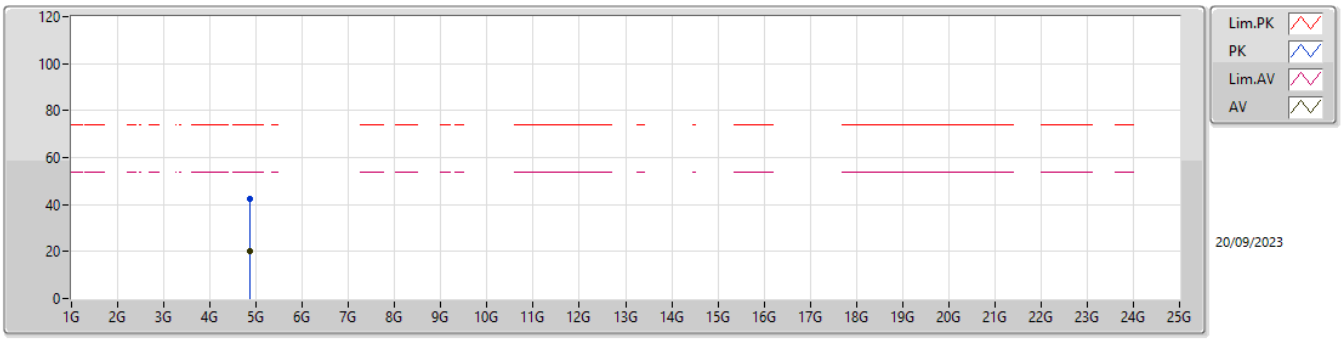
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3776G	34.87	54.00	-19.13	31.12	3	Horizontal	360	2.75	3.75	27.50	3.62	-
AV	2.4404G	77.38	Inf	-Inf	31.37	3	Horizontal	360	2.75	46.01	27.70	3.67	-
AV	2.4844G	34.86	54.00	-19.14	31.51	3	Horizontal	360	2.75	3.35	27.80	3.71	-
PK	2.3776G	57.37	74.00	-16.63	31.12	3	Horizontal	360	2.75	26.25	27.50	3.62	-
PK	2.4404G	99.88	Inf	-Inf	31.37	3	Horizontal	360	2.75	68.51	27.70	3.67	-
PK	2.4844G	57.36	74.00	-16.64	31.51	3	Horizontal	360	2.75	25.85	27.80	3.71	-

2.4-2.4835GHz_BT-EDR(3Mbps)

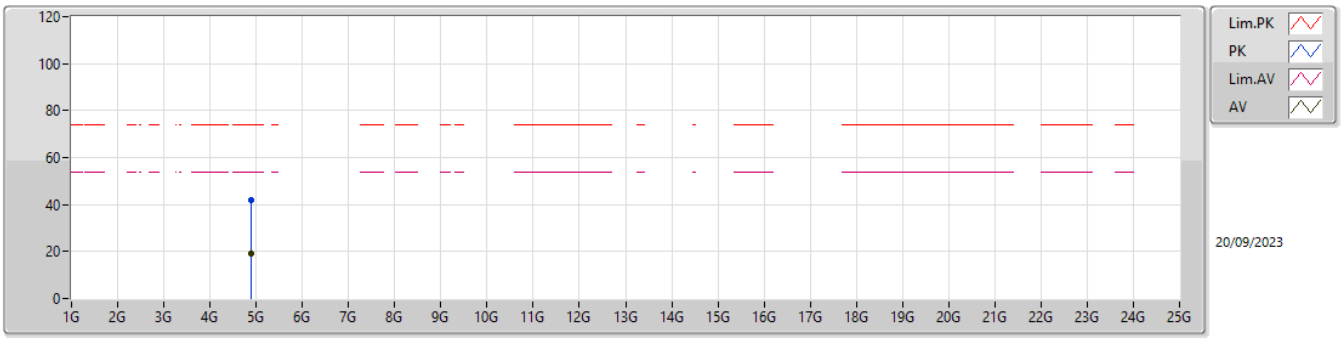
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87574G	19.93	54.00	-34.07	0.78	3	Vertical	37	1.63	19.15	32.80	5.32	37.34
PK	4.87574G	42.43	74.00	-31.57	0.78	3	Vertical	37	1.63	41.65	32.80	5.32	37.34

2.4-2.4835GHz_BT-EDR(3Mbps)

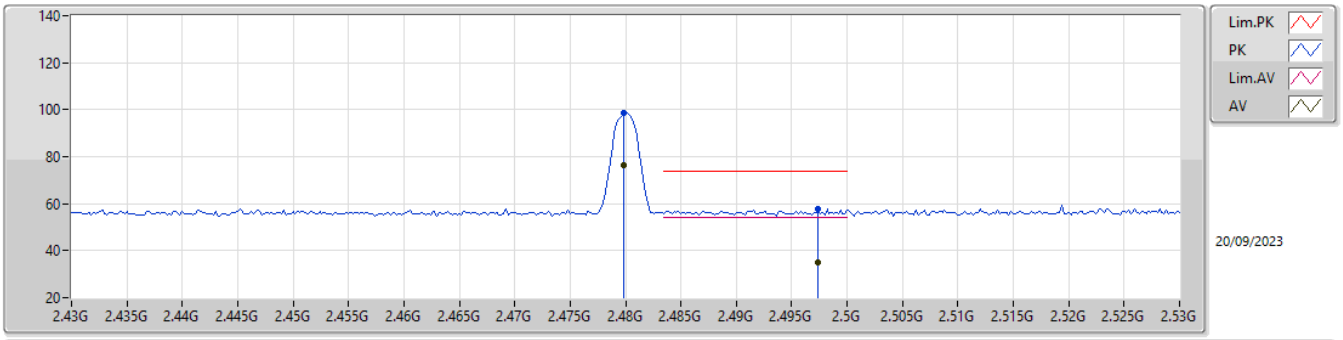
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87752G	19.17	54.00	-34.83	0.78	3	Horizontal	235	1.88	18.39	32.80	5.32	37.34
PK	4.87752G	41.67	74.00	-32.33	0.78	3	Horizontal	235	1.88	40.89	32.80	5.32	37.34

2.4-2.4835GHz_BT-EDR(3Mbps)

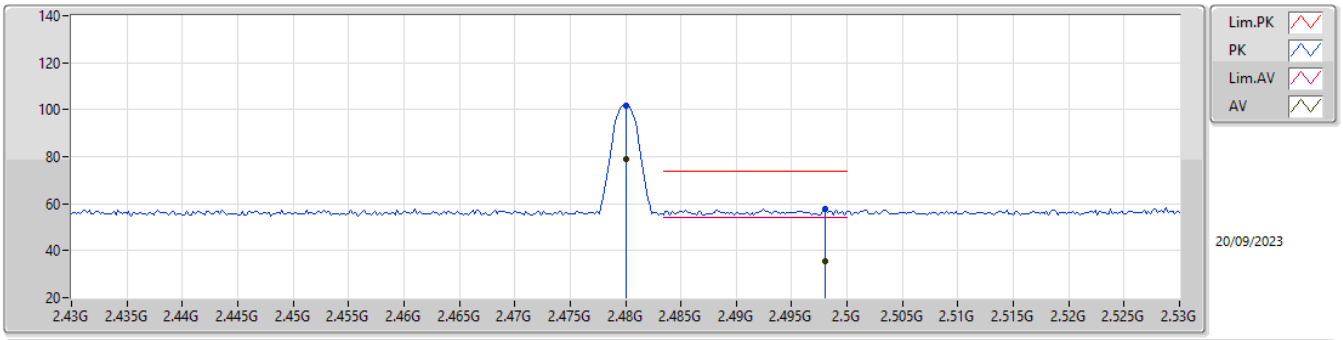
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4798G	76.21	Inf	-Inf	31.50	3	Vertical	224	3.00	44.71	27.80	3.70	-
AV	2.4974G	35.22	54.00	-18.78	31.52	3	Vertical	224	3.00	3.70	27.80	3.72	-
PK	2.4798G	98.71	Inf	-Inf	31.50	3	Vertical	224	3.00	67.21	27.80	3.70	-
PK	2.4974G	57.72	74.00	-16.28	31.52	3	Vertical	224	3.00	26.20	27.80	3.72	-

2.4-2.4835GHz_BT-EDR(3Mbps)

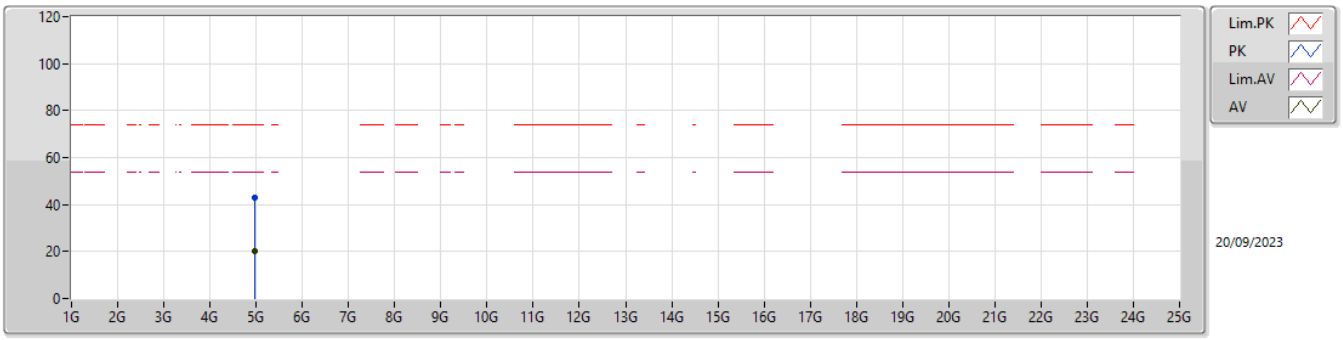
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.48G	79.19	Inf	-Inf	31.50	3	Horizontal	10	2.63	47.69	27.80	3.70	-
AV	2.498G	35.40	54.00	-18.60	31.52	3	Horizontal	10	2.63	3.88	27.80	3.72	-
PK	2.48G	101.69	Inf	-Inf	31.50	3	Horizontal	10	2.63	70.19	27.80	3.70	-
PK	2.498G	57.90	74.00	-16.10	31.52	3	Horizontal	10	2.63	26.38	27.80	3.72	-

2.4-2.4835GHz_BT-EDR(3Mbps)

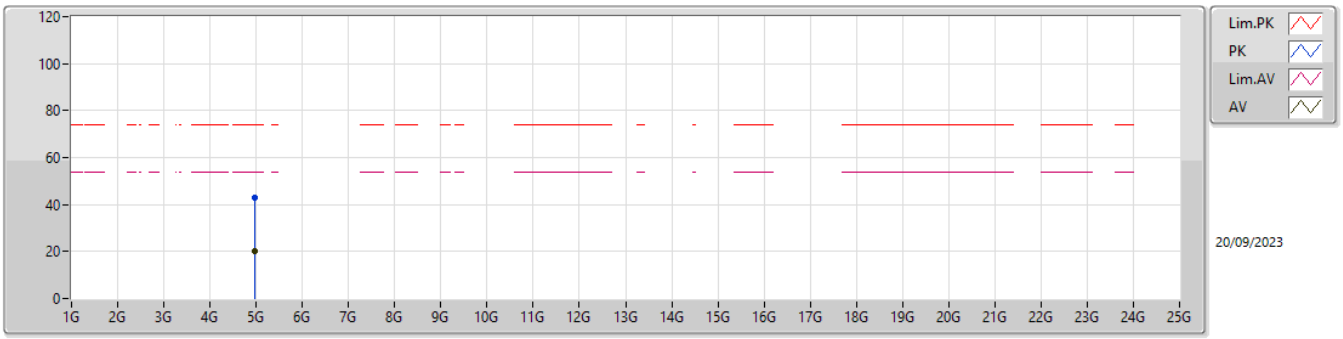
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.95716G	20.34	54.00	-33.66	1.25	3	Vertical	12	2.63	19.09	33.14	5.36	37.25
PK	4.95716G	42.84	74.00	-31.16	1.25	3	Vertical	12	2.63	41.59	33.14	5.36	37.25

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.96014G	20.40	54.00	-33.60	1.28	3	Horizontal	323	2.30	19.12	33.16	5.36	37.24
PK	4.96014G	42.90	74.00	-31.10	1.28	3	Horizontal	323	2.30	41.62	33.16	5.36	37.24

Summary

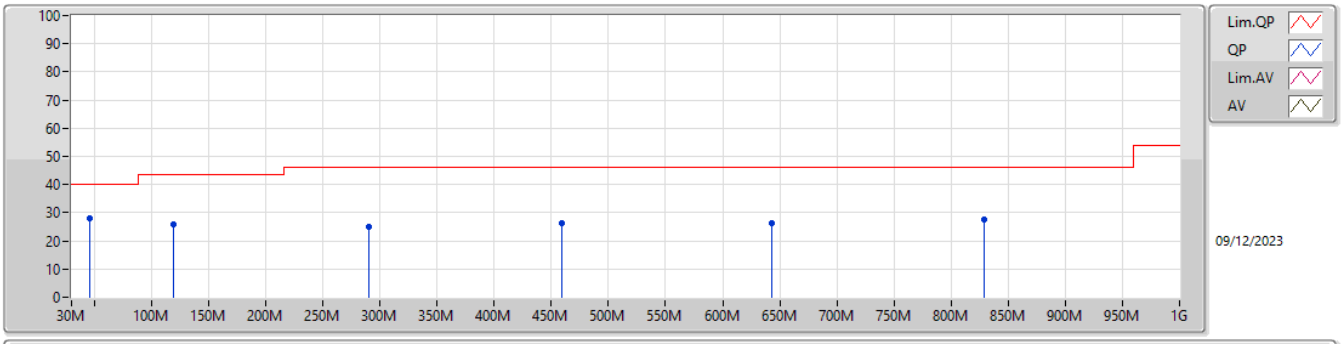
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	PK	45.52M	33.18	40.00	-6.82	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	45.52M	28.19	40.00	-11.81	3	Vertical	360	1.00
2440MHz	Pass	PK	119.24M	26.01	43.50	-17.49	3	Vertical	360	1.00
2440MHz	Pass	PK	289.96M	25.00	46.00	-21.00	3	Vertical	360	1.00
2440MHz	Pass	PK	458.74M	26.11	46.00	-19.89	3	Vertical	360	1.00
2440MHz	Pass	PK	643.04M	26.20	46.00	-19.80	3	Vertical	360	1.00
2440MHz	Pass	PK	829.28M	27.46	46.00	-18.54	3	Vertical	360	1.00
2440MHz	Pass	PK	192.96M	26.00	43.50	-17.50	3	Horizontal	0	1.00
2440MHz	Pass	PK	241.46M	26.45	46.00	-19.55	3	Horizontal	0	1.00
2440MHz	Pass	PK	326.82M	26.13	46.00	-19.87	3	Horizontal	0	1.00
2440MHz	Pass	PK	447.1M	26.45	46.00	-19.55	3	Horizontal	0	1.00
2440MHz	Pass	PK	631.4M	25.95	46.00	-20.05	3	Horizontal	0	1.00
2440MHz	Pass	PK	930.16M	27.61	46.00	-18.39	3	Horizontal	0	1.00
2440MHz	Pass	PK	45.52M	33.18	40.00	-6.82	3	Vertical	360	1.00
2440MHz	Pass	PK	90.14M	28.99	43.50	-14.51	3	Vertical	360	1.00
2440MHz	Pass	PK	146.4M	25.05	43.50	-18.45	3	Vertical	360	1.00
2440MHz	Pass	PK	210.42M	30.44	43.50	-13.06	3	Vertical	360	1.00
2440MHz	Pass	PK	332.64M	28.04	46.00	-17.96	3	Vertical	360	1.00
2440MHz	Pass	PK	429.64M	29.81	46.00	-16.19	3	Vertical	360	1.00
2440MHz	Pass	PK	41.64M	29.95	40.00	-10.05	3	Horizontal	0	1.00
2440MHz	Pass	PK	88.2M	31.10	43.50	-12.40	3	Horizontal	0	1.00
2440MHz	Pass	PK	132.82M	27.51	43.50	-15.99	3	Horizontal	0	1.00
2440MHz	Pass	PK	210.42M	35.00	43.50	-8.50	3	Horizontal	0	1.00
2440MHz	Pass	PK	301.6M	25.69	46.00	-20.31	3	Horizontal	0	1.00
2440MHz	Pass	PK	412.18M	28.27	46.00	-17.73	3	Horizontal	0	1.00

2.4-2.4835GHz_BT-BR(1Mbps)

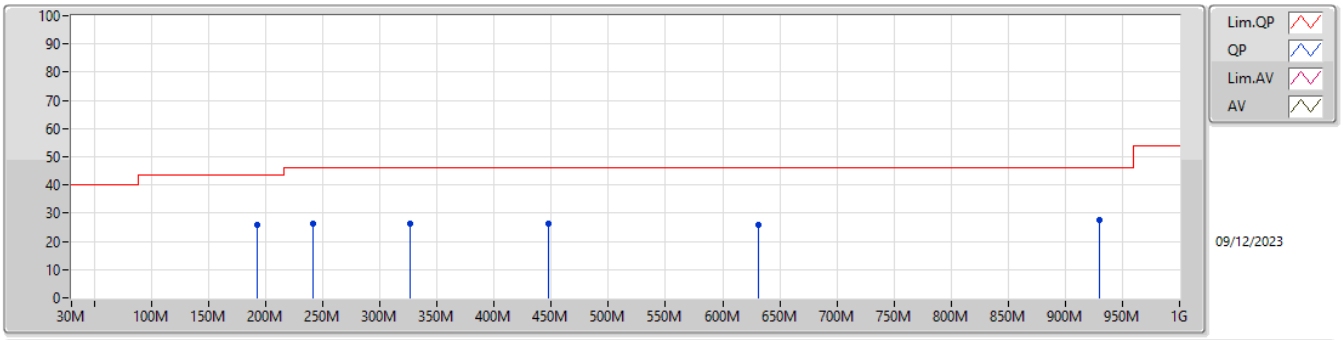
2440MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	45.52M	28.19	40.00	-11.81	-11.49	3	Vertical	360	1.00	39.68	15.39	0.51	27.39
PK	119.24M	26.01	43.50	-17.49	-9.31	3	Vertical	360	1.00	35.32	17.11	0.82	27.24
PK	289.96M	25.00	46.00	-21.00	-7.39	3	Vertical	360	1.00	32.39	18.09	1.26	26.74
PK	458.74M	26.11	46.00	-19.89	-4.34	3	Vertical	360	1.00	30.45	22.11	1.58	28.03
PK	643.04M	26.20	46.00	-19.80	-2.44	3	Vertical	360	1.00	28.64	24.13	1.85	28.42
PK	829.28M	27.46	46.00	-18.54	-0.92	3	Vertical	360	1.00	28.38	25.09	2.12	28.13

2.4-2.4835GHz_BT-BR(1Mbps)

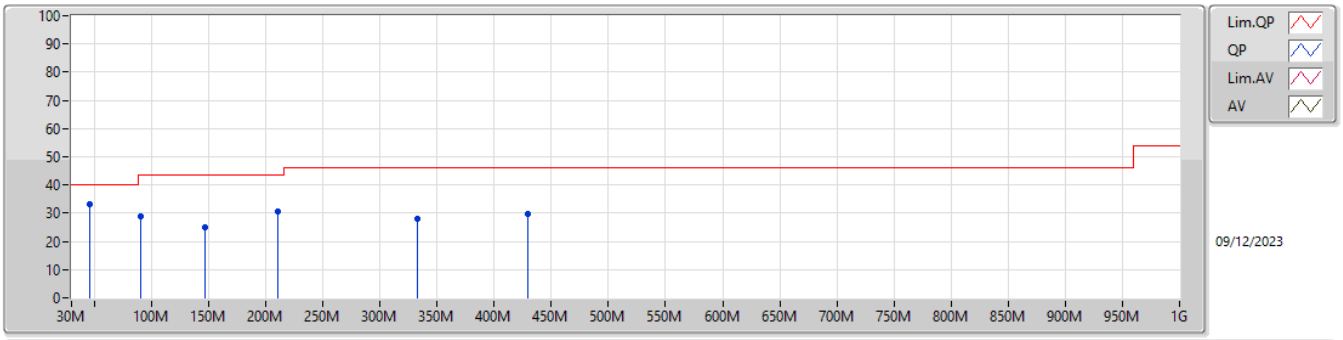
2440MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	192.96M	26.00	43.50	-17.50	-11.71	3	Horizontal	0	1.00	37.71	14.17	1.03	26.91
PK	241.46M	26.45	46.00	-19.55	-9.03	3	Horizontal	0	1.00	35.48	16.57	1.14	26.74
PK	326.82M	26.13	46.00	-19.87	-6.77	3	Horizontal	0	1.00	32.90	18.82	1.33	26.92
PK	447.1M	26.45	46.00	-19.55	-4.55	3	Horizontal	0	1.00	31.00	21.86	1.56	27.97
PK	631.4M	25.95	46.00	-20.05	-2.45	3	Horizontal	0	1.00	28.40	24.11	1.84	28.40
PK	930.16M	27.61	46.00	-18.39	0.06	3	Horizontal	0	1.00	27.55	25.59	2.24	27.77

2.4-2.4835GHz_BT-BR(1Mbps)

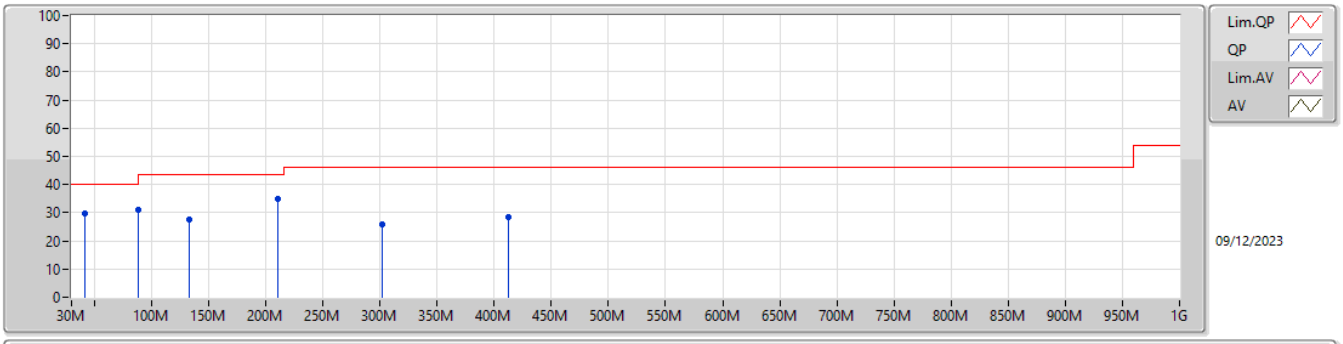
2440MHz_USB



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	45.52M	33.18	40.00	-6.82	-11.49	3	Vertical	360	1.00	44.67	15.39	0.51	27.39
PK	90.14M	28.99	43.50	-14.51	-12.48	3	Vertical	360	1.00	41.47	14.14	0.71	27.33
PK	146.4M	25.05	43.50	-18.45	-10.39	3	Vertical	360	1.00	35.44	15.86	0.90	27.15
PK	210.42M	30.44	43.50	-13.06	-11.55	3	Vertical	360	1.00	41.99	14.21	1.07	26.83
PK	332.64M	28.04	46.00	-17.96	-6.74	3	Vertical	360	1.00	34.78	18.86	1.35	26.95
PK	429.64M	29.81	46.00	-16.19	-4.56	3	Vertical	360	1.00	34.37	21.71	1.53	27.80

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_USB



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	41.64M	29.95	40.00	-10.05	-9.47	3	Horizontal	0	1.00	39.42	17.44	0.49	27.40
PK	88.2M	31.10	43.50	-12.40	-12.82	3	Horizontal	0	1.00	43.92	13.81	0.70	27.33
PK	132.82M	27.51	43.50	-15.99	-9.69	3	Horizontal	0	1.00	37.20	16.65	0.86	27.20
PK	210.42M	35.00	43.50	-8.50	-11.55	3	Horizontal	0	1.00	46.55	14.21	1.07	26.83
PK	301.6M	25.69	46.00	-20.31	-7.13	3	Horizontal	0	1.00	32.82	18.35	1.28	26.76
PK	412.18M	28.27	46.00	-17.73	-4.63	3	Horizontal	0	1.00	32.90	21.51	1.49	27.63

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	PK	2.494G	57.99	74.00	-16.01	3	Horizontal	175	1.56
BT-EDR(3Mbps)	Pass	PK	2.4968G	58.54	74.00	-15.46	3	Horizontal	170	1.50

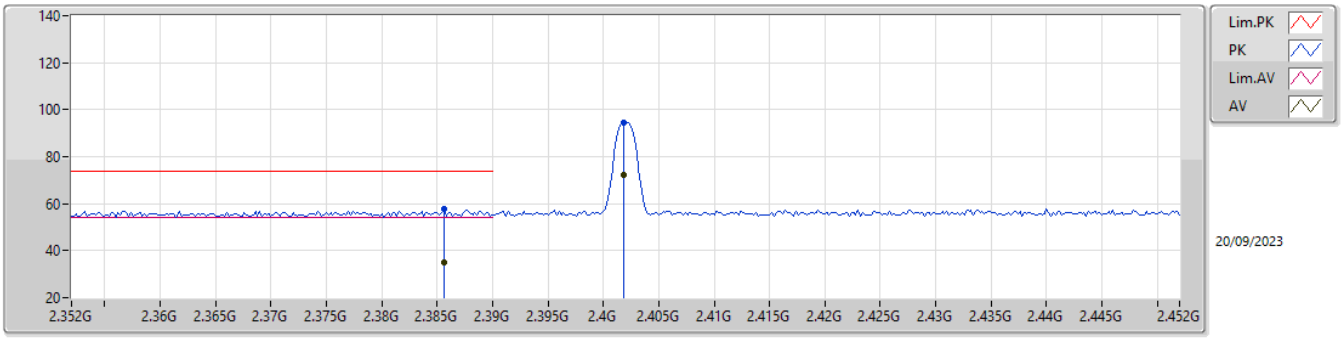
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3856G	35.06	54.00	-18.94	3	Vertical	308	1.67
2402MHz	Pass	AV	2.4018G	72.04	Inf	-Inf	3	Vertical	308	1.67
2402MHz	Pass	PK	2.3856G	57.56	74.00	-16.44	3	Vertical	308	1.67
2402MHz	Pass	PK	2.4018G	94.54	Inf	-Inf	3	Vertical	308	1.67
2402MHz	Pass	AV	2.3714G	34.43	54.00	-19.57	3	Horizontal	187	2.16
2402MHz	Pass	AV	2.4018G	75.80	Inf	-Inf	3	Horizontal	187	2.16
2402MHz	Pass	PK	2.3714G	56.93	74.00	-17.07	3	Horizontal	187	2.16
2402MHz	Pass	PK	2.4018G	98.30	Inf	-Inf	3	Horizontal	187	2.16
2402MHz	Pass	AV	4.80534G	18.98	54.00	-35.02	3	Vertical	57	1.91
2402MHz	Pass	PK	4.80534G	41.48	74.00	-32.52	3	Vertical	57	1.91
2402MHz	Pass	AV	4.80472G	19.27	54.00	-34.73	3	Horizontal	225	1.72
2402MHz	Pass	PK	4.80472G	41.77	74.00	-32.23	3	Horizontal	225	1.72
2440MHz	Pass	AV	2.3776G	34.30	54.00	-19.70	3	Vertical	310	2.57
2440MHz	Pass	AV	2.44G	71.23	Inf	-Inf	3	Vertical	310	2.57
2440MHz	Pass	AV	2.4912G	34.39	54.00	-19.61	3	Vertical	310	2.57
2440MHz	Pass	PK	2.3776G	56.80	74.00	-17.20	3	Vertical	310	2.57
2440MHz	Pass	PK	2.44G	93.73	Inf	-Inf	3	Vertical	310	2.57
2440MHz	Pass	PK	2.4912G	56.89	74.00	-17.11	3	Vertical	310	2.57
2440MHz	Pass	AV	2.3816G	34.81	54.00	-19.19	3	Horizontal	175	1.56
2440MHz	Pass	AV	2.44G	75.40	Inf	-Inf	3	Horizontal	175	1.56
2440MHz	Pass	AV	2.494G	35.49	54.00	-18.51	3	Horizontal	175	1.56
2440MHz	Pass	PK	2.3816G	57.31	74.00	-16.69	3	Horizontal	175	1.56
2440MHz	Pass	PK	2.44G	97.90	Inf	-Inf	3	Horizontal	175	1.56
2440MHz	Pass	PK	2.494G	57.99	74.00	-16.01	3	Horizontal	175	1.56
2440MHz	Pass	AV	4.8842G	19.23	54.00	-34.77	3	Vertical	246	2.67
2440MHz	Pass	PK	4.8842G	41.73	74.00	-32.27	3	Vertical	246	2.67
2440MHz	Pass	AV	4.87976G	19.53	54.00	-34.47	3	Horizontal	181	2.49
2440MHz	Pass	PK	4.87976G	42.03	74.00	-31.97	3	Horizontal	181	2.49
2480MHz	Pass	PK	2.4798G	97.34	Inf	-Inf	3	Vertical	312	2.00
2480MHz	Pass	AV	2.4798G	74.84	Inf	-Inf	3	Vertical	312	2.00
2480MHz	Pass	PK	2.4962G	57.63	74.00	-16.37	3	Vertical	312	2.00
2480MHz	Pass	AV	2.4962G	35.13	54.00	-18.87	3	Vertical	312	2.00
2480MHz	Pass	PK	2.4798G	100.87	Inf	-Inf	3	Horizontal	170	1.50
2480MHz	Pass	AV	2.4798G	78.37	Inf	-Inf	3	Horizontal	170	1.50
2480MHz	Pass	PK	2.4908G	57.96	74.00	-16.04	3	Horizontal	170	1.50
2480MHz	Pass	AV	2.4908G	35.46	54.00	-18.54	3	Horizontal	170	1.50
2480MHz	Pass	AV	4.95664G	20.79	54.00	-33.21	3	Vertical	309	1.00
2480MHz	Pass	PK	4.95664G	43.29	74.00	-30.71	3	Vertical	309	1.00
2480MHz	Pass	AV	4.96276G	20.79	54.00	-33.21	3	Horizontal	186	1.70
2480MHz	Pass	PK	4.96276G	43.29	74.00	-30.71	3	Horizontal	186	1.70
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3798G	34.43	54.00	-19.57	3	Vertical	308	1.67
2402MHz	Pass	AV	2.4022G	71.60	Inf	-Inf	3	Vertical	308	1.67
2402MHz	Pass	PK	2.3798G	56.93	74.00	-17.07	3	Vertical	308	1.67
2402MHz	Pass	PK	2.4022G	94.10	Inf	-Inf	3	Vertical	308	1.67
2402MHz	Pass	AV	2.3804G	34.58	54.00	-19.42	3	Horizontal	188	2.16
2402MHz	Pass	AV	2.4018G	75.44	Inf	-Inf	3	Horizontal	188	2.16
2402MHz	Pass	PK	2.3804G	57.08	74.00	-16.92	3	Horizontal	188	2.16
2402MHz	Pass	PK	2.4018G	97.94	Inf	-Inf	3	Horizontal	188	2.16
2402MHz	Pass	AV	4.79928G	18.95	54.00	-35.05	3	Vertical	10	1.74
2402MHz	Pass	PK	4.79928G	41.45	74.00	-32.55	3	Vertical	10	1.74
2402MHz	Pass	AV	4.8016G	19.06	54.00	-34.94	3	Horizontal	154	1.19
2402MHz	Pass	PK	4.8016G	41.56	74.00	-32.44	3	Horizontal	154	1.19
2440MHz	Pass	AV	2.3416G	35.44	54.00	-18.56	3	Vertical	309	2.57
2440MHz	Pass	AV	2.44G	70.76	Inf	-Inf	3	Vertical	309	2.57
2440MHz	Pass	AV	2.4912G	34.66	54.00	-19.34	3	Vertical	309	2.57
2440MHz	Pass	PK	2.3416G	57.94	74.00	-16.06	3	Vertical	309	2.57
2440MHz	Pass	PK	2.44G	93.26	Inf	-Inf	3	Vertical	309	2.57
2440MHz	Pass	PK	2.4912G	57.16	74.00	-16.84	3	Vertical	309	2.57
2440MHz	Pass	AV	2.3896G	34.74	54.00	-19.26	3	Horizontal	175	1.55

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2440MHz	Pass	AV	2.44G	75.12	Inf	-Inf	3	Horizontal	175	1.55
2440MHz	Pass	AV	2.4988G	35.05	54.00	-18.95	3	Horizontal	175	1.55
2440MHz	Pass	PK	2.3896G	57.24	74.00	-16.76	3	Horizontal	175	1.55
2440MHz	Pass	PK	2.44G	97.62	Inf	-Inf	3	Horizontal	175	1.55
2440MHz	Pass	PK	2.4988G	57.55	74.00	-16.45	3	Horizontal	175	1.55
2440MHz	Pass	AV	4.88296G	19.69	54.00	-34.31	3	Vertical	18	1.41
2440MHz	Pass	PK	4.88296G	42.19	74.00	-31.81	3	Vertical	18	1.41
2440MHz	Pass	AV	4.88044G	19.74	54.00	-34.26	3	Horizontal	267	1.32
2440MHz	Pass	PK	4.88044G	42.24	74.00	-31.76	3	Horizontal	267	1.32
2480MHz	Pass	AV	2.4802G	74.44	Inf	-Inf	3	Vertical	311	2.01
2480MHz	Pass	AV	2.4848G	35.02	54.00	-18.98	3	Vertical	311	2.01
2480MHz	Pass	PK	2.4802G	96.94	Inf	-Inf	3	Vertical	311	2.01
2480MHz	Pass	PK	2.4848G	57.52	74.00	-16.48	3	Vertical	311	2.01
2480MHz	Pass	AV	2.4802G	78.00	Inf	-Inf	3	Horizontal	170	1.50
2480MHz	Pass	AV	2.4968G	36.04	54.00	-17.96	3	Horizontal	170	1.50
2480MHz	Pass	PK	2.4802G	100.50	Inf	-Inf	3	Horizontal	170	1.50
2480MHz	Pass	PK	2.4968G	58.54	74.00	-15.46	3	Horizontal	170	1.50
2480MHz	Pass	AV	4.95788G	19.85	54.00	-34.15	3	Vertical	276	1.05
2480MHz	Pass	PK	4.95788G	42.35	74.00	-31.65	3	Vertical	276	1.05
2480MHz	Pass	AV	4.96154G	20.22	54.00	-33.78	3	Horizontal	315	1.81
2480MHz	Pass	PK	4.96154G	42.72	74.00	-31.28	3	Horizontal	315	1.81

2.4-2.4835GHz_BT-BR(1Mbps)

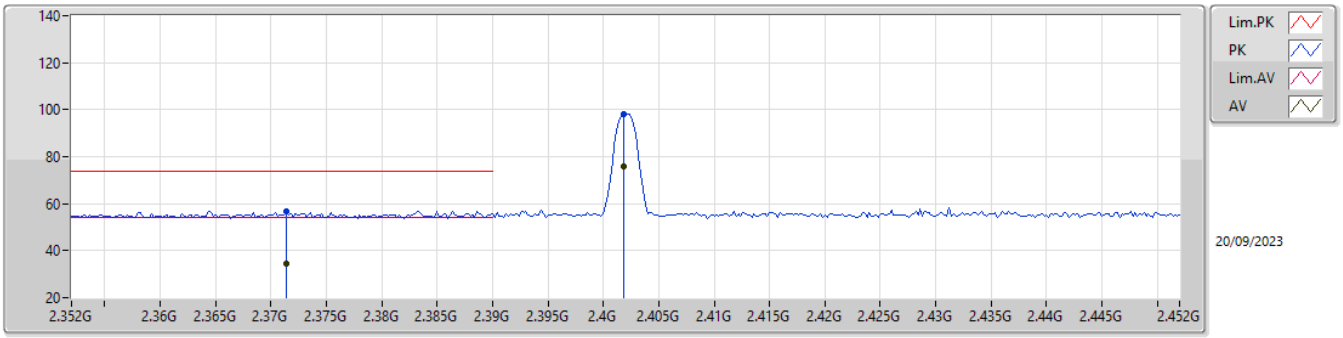
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3856G	35.06	54.00	-18.94	31.19	3	Vertical	308	1.67	3.87	27.56	3.63	-
AV	2.4018G	72.04	Inf	-Inf	31.34	3	Vertical	308	1.67	40.70	27.70	3.64	-
PK	2.3856G	57.56	74.00	-16.44	31.19	3	Vertical	308	1.67	26.37	27.56	3.63	-
PK	2.4018G	94.54	Inf	-Inf	31.34	3	Vertical	308	1.67	63.20	27.70	3.64	-

2.4-2.4835GHz_BT-BR(1Mbps)

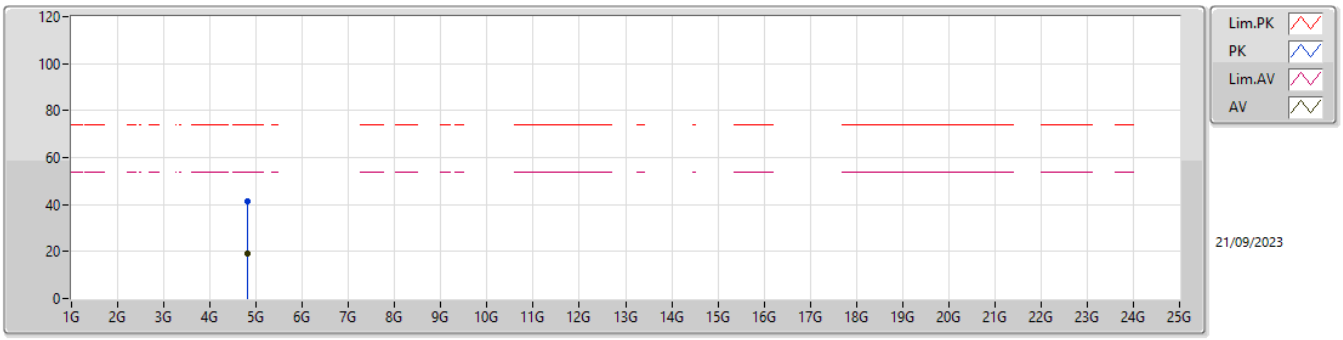
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3714G	34.43	54.00	-19.57	31.12	3	Horizontal	187	2.16	3.31	27.50	3.62	-
AV	2.4018G	75.80	Inf	-Inf	31.34	3	Horizontal	187	2.16	44.46	27.70	3.64	-
PK	2.3714G	56.93	74.00	-17.07	31.12	3	Horizontal	187	2.16	25.81	27.50	3.62	-
PK	2.4018G	98.30	Inf	-Inf	31.34	3	Horizontal	187	2.16	66.96	27.70	3.64	-

2.4-2.4835GHz_BT-BR(1Mbps)

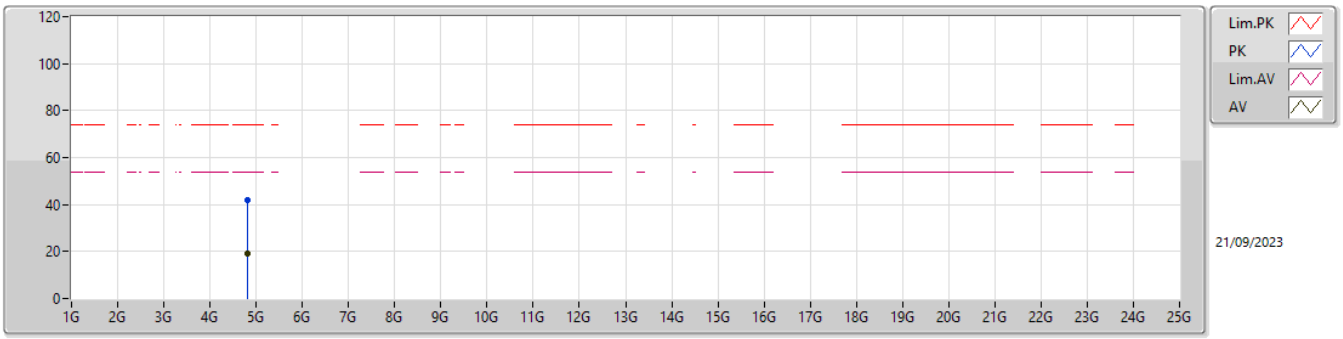
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.80534G	18.98	54.00	-35.02	0.40	3	Vertical	57	1.91	18.58	32.53	5.29	37.42
PK	4.80534G	41.48	74.00	-32.52	0.40	3	Vertical	57	1.91	41.08	32.53	5.29	37.42

2.4-2.4835GHz_BT-BR(1Mbps)

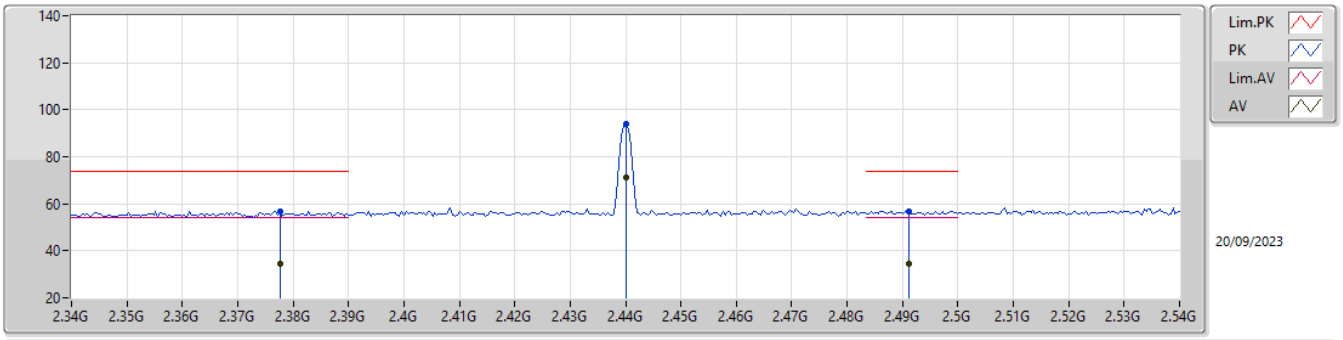
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.80472G	19.27	54.00	-34.73	0.40	3	Horizontal	225	1.72	18.87	32.53	5.29	37.42
PK	4.80472G	41.77	74.00	-32.23	0.40	3	Horizontal	225	1.72	41.37	32.53	5.29	37.42

2.4-2.4835GHz_BT-BR(1Mbps)

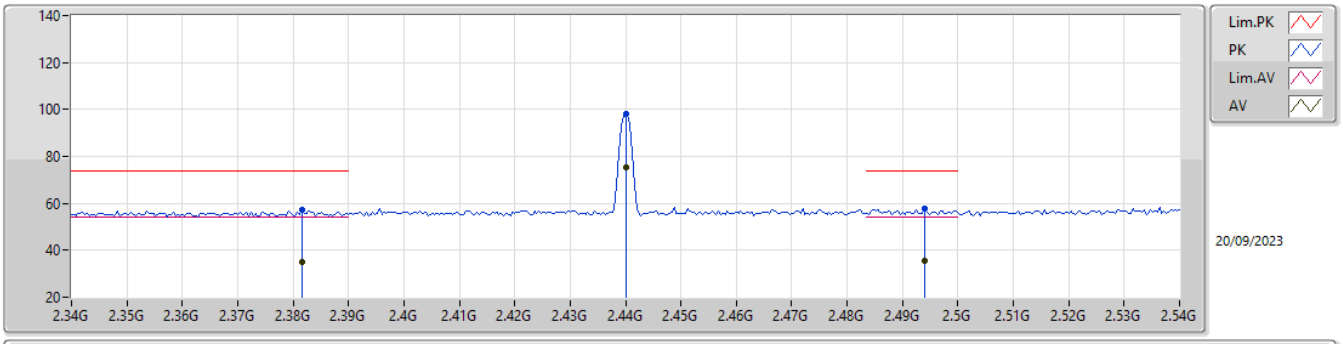
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3776G	34.30	54.00	-19.70	31.12	3	Vertical	310	2.57	3.18	27.50	3.62	-
AV	2.44G	71.23	Inf	-Inf	31.37	3	Vertical	310	2.57	39.86	27.70	3.67	-
AV	2.4912G	34.39	54.00	-19.61	31.51	3	Vertical	310	2.57	2.88	27.80	3.71	-
PK	2.3776G	56.80	74.00	-17.20	31.12	3	Vertical	310	2.57	25.68	27.50	3.62	-
PK	2.44G	93.73	Inf	-Inf	31.37	3	Vertical	310	2.57	62.36	27.70	3.67	-
PK	2.4912G	56.89	74.00	-17.11	31.51	3	Vertical	310	2.57	25.38	27.80	3.71	-

2.4-2.4835GHz_BT-BR(1Mbps)

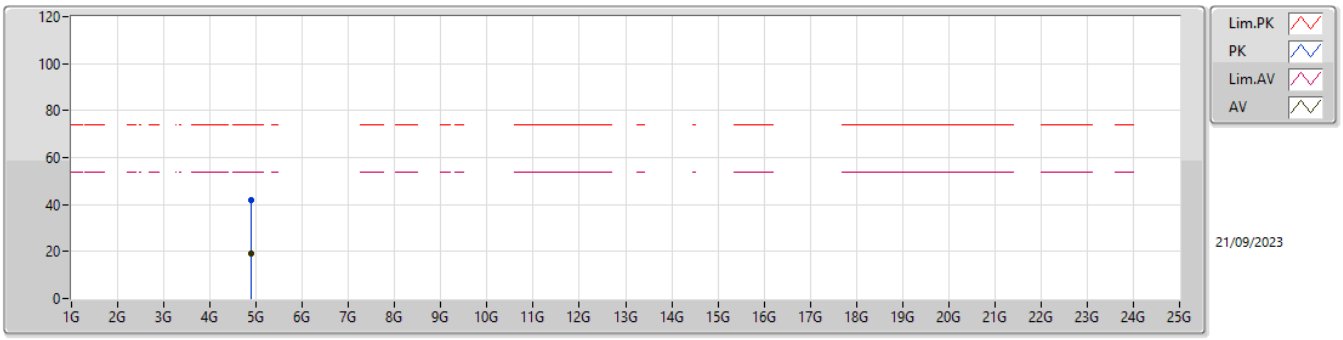
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3816G	34.81	54.00	-19.19	31.15	3	Horizontal	175	1.56	3.66	27.52	3.63	-
AV	2.44G	75.40	Inf	-Inf	31.37	3	Horizontal	175	1.56	44.03	27.70	3.67	-
AV	2.494G	35.49	54.00	-18.51	31.52	3	Horizontal	175	1.56	3.97	27.80	3.72	-
PK	2.3816G	57.31	74.00	-16.69	31.15	3	Horizontal	175	1.56	26.16	27.52	3.63	-
PK	2.44G	97.90	Inf	-Inf	31.37	3	Horizontal	175	1.56	66.53	27.70	3.67	-
PK	2.494G	57.99	74.00	-16.01	31.52	3	Horizontal	175	1.56	26.47	27.80	3.72	-

2.4-2.4835GHz_BT-BR(1Mbps)

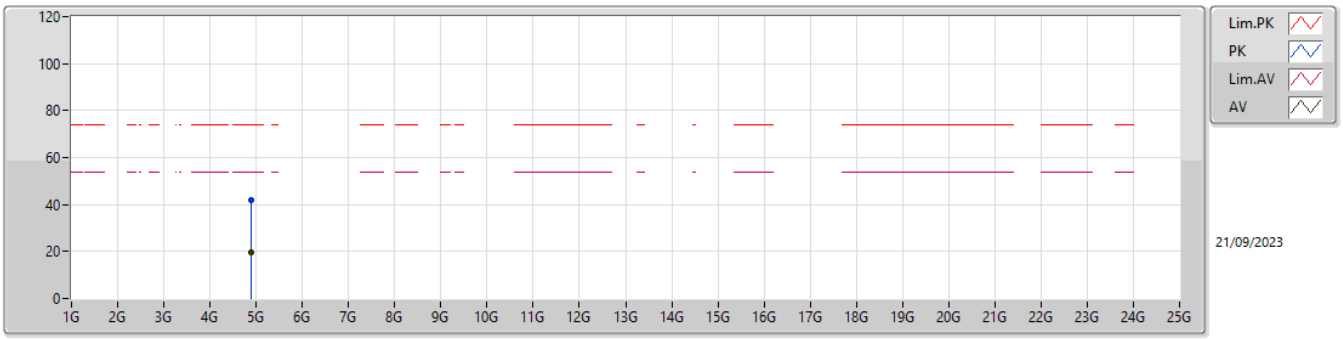
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.8842G	19.23	54.00	-34.77	0.80	3	Vertical	246	2.67	18.43	32.80	5.33	37.33
PK	4.8842G	41.73	74.00	-32.27	0.80	3	Vertical	246	2.67	40.93	32.80	5.33	37.33

2.4-2.4835GHz_BT-BR(1Mbps)

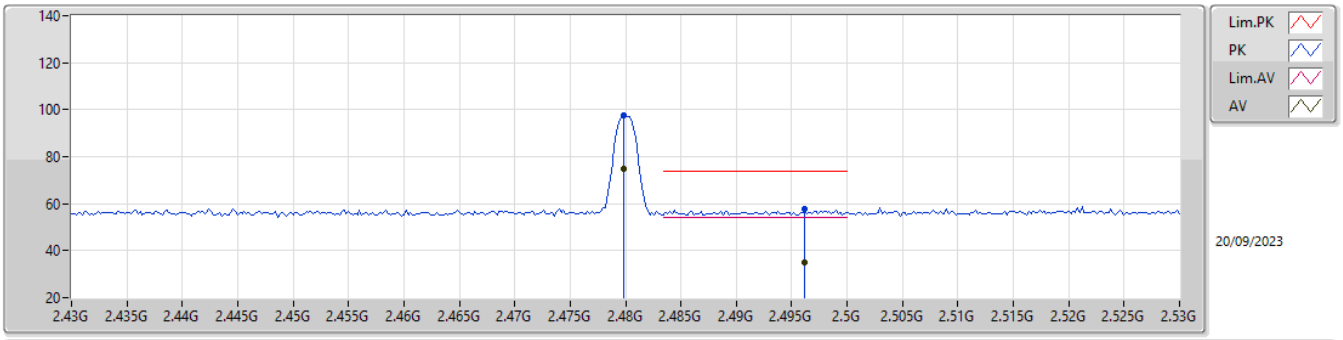
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.87976G	19.53	54.00	-34.47	0.80	3	Horizontal	181	2.49	18.73	32.80	5.33	37.33
PK	4.87976G	42.03	74.00	-31.97	0.80	3	Horizontal	181	2.49	41.23	32.80	5.33	37.33

2.4-2.4835GHz_BT-BR(1Mbps)

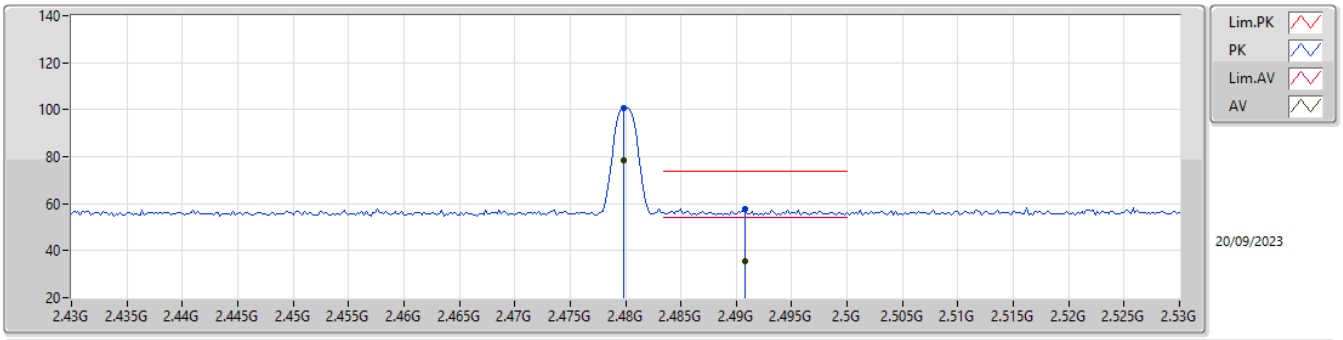
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	2.4798G	97.34	Inf	-Inf	31.50	3	Vertical	312	2.00	65.84	27.80	3.70	-
AV	2.4798G	74.84	Inf	-Inf	31.50	3	Vertical	312	2.00	43.34	27.80	3.70	-
PK	2.4962G	57.63	74.00	-16.37	31.52	3	Vertical	312	2.00	26.11	27.80	3.72	-
AV	2.4962G	35.13	54.00	-18.87	31.52	3	Vertical	312	2.00	3.61	27.80	3.72	-

2.4-2.4835GHz_BT-BR(1Mbps)

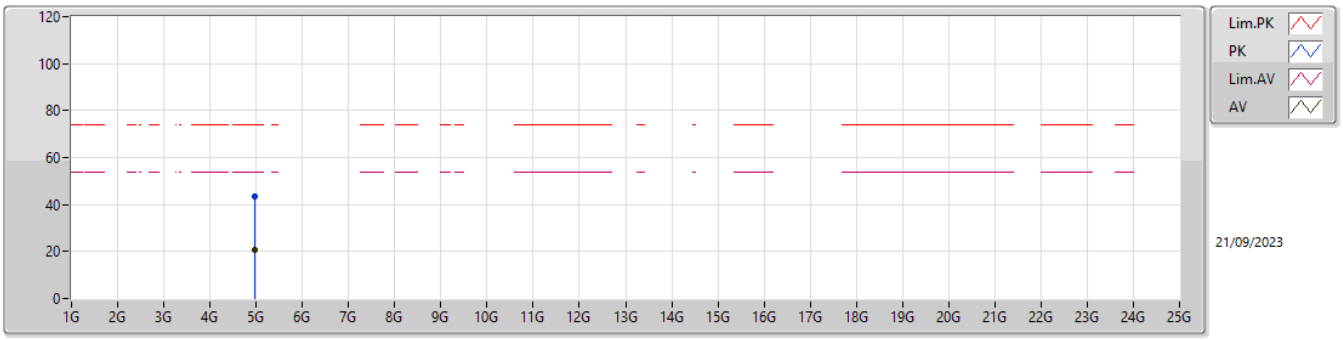
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	2.4798G	100.87	Inf	-Inf	31.50	3	Horizontal	170	1.50	69.37	27.80	3.70	-
AV	2.4798G	78.37	Inf	-Inf	31.50	3	Horizontal	170	1.50	46.87	27.80	3.70	-
PK	2.4908G	57.96	74.00	-16.04	31.51	3	Horizontal	170	1.50	26.45	27.80	3.71	-
AV	2.4908G	35.46	54.00	-18.54	31.51	3	Horizontal	170	1.50	3.95	27.80	3.71	-

2.4-2.4835GHz_BT-BR(1Mbps)

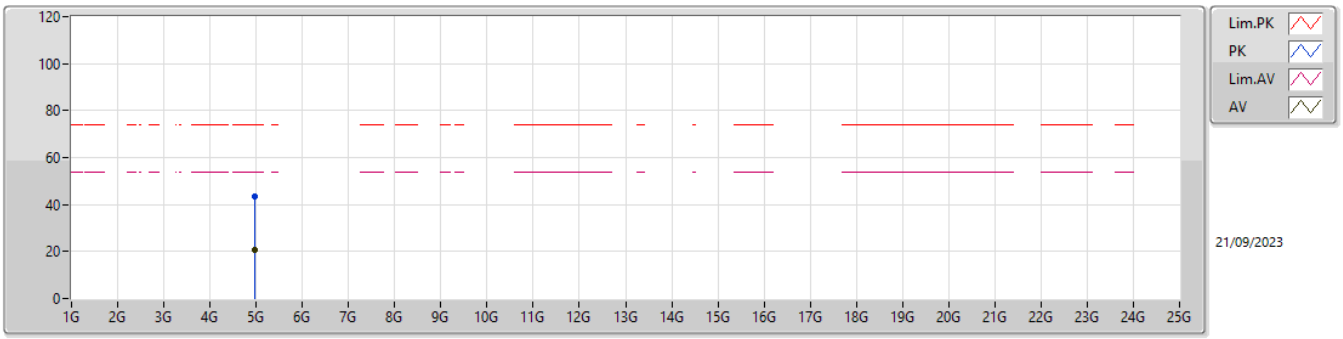
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.95664G	20.79	54.00	-33.21	1.25	3	Vertical	309	1.00	19.54	33.14	5.36	37.25
PK	4.95664G	43.29	74.00	-30.71	1.25	3	Vertical	309	1.00	42.04	33.14	5.36	37.25

2.4-2.4835GHz_BT-BR(1Mbps)

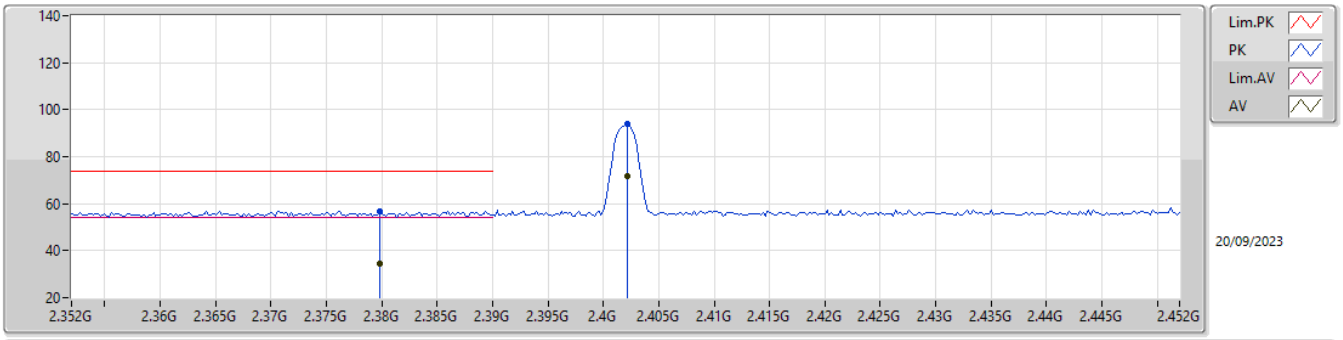
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.96276G	20.79	54.00	-33.21	1.30	3	Horizontal	186	1.70	19.49	33.18	5.36	37.24
PK	4.96276G	43.29	74.00	-30.71	1.30	3	Horizontal	186	1.70	41.99	33.18	5.36	37.24

2.4-2.4835GHz_BT-EDR(3Mbps)

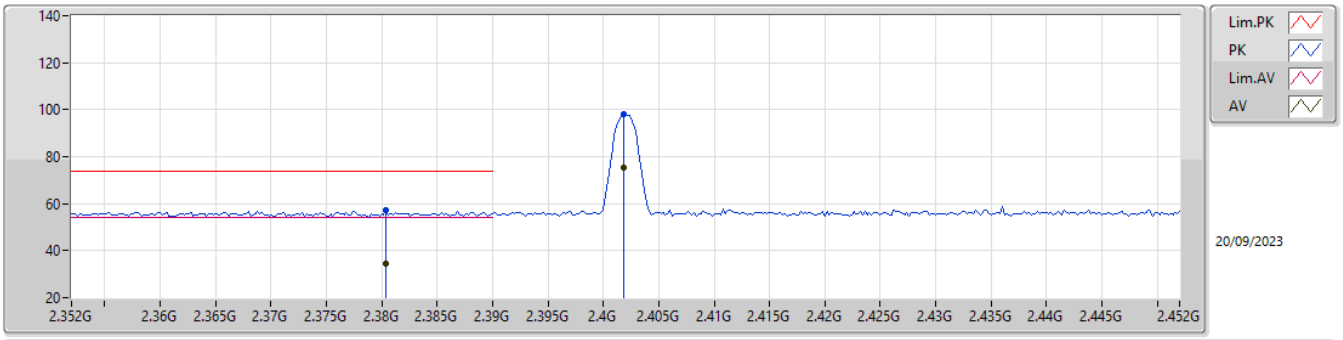
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3798G	34.43	54.00	-19.57	31.13	3	Vertical	308	1.67	3.30	27.50	3.63	-
AV	2.4022G	71.60	Inf	-Inf	31.34	3	Vertical	308	1.67	40.26	27.70	3.64	-
PK	2.3798G	56.93	74.00	-17.07	31.13	3	Vertical	308	1.67	25.80	27.50	3.63	-
PK	2.4022G	94.10	Inf	-Inf	31.34	3	Vertical	308	1.67	62.76	27.70	3.64	-

2.4-2.4835GHz_BT-EDR(3Mbps)

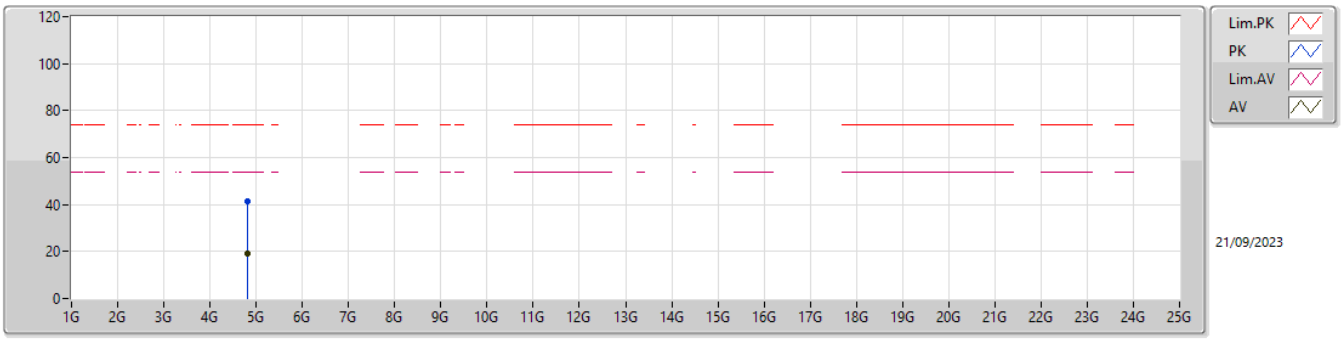
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3804G	34.58	54.00	-19.42	31.13	3	Horizontal	188	2.16	3.45	27.50	3.63	-
AV	2.4018G	75.44	Inf	-Inf	31.34	3	Horizontal	188	2.16	44.10	27.70	3.64	-
PK	2.3804G	57.08	74.00	-16.92	31.13	3	Horizontal	188	2.16	25.95	27.50	3.63	-
PK	2.4018G	97.94	Inf	-Inf	31.34	3	Horizontal	188	2.16	66.60	27.70	3.64	-

2.4-2.4835GHz_BT-EDR(3Mbps)

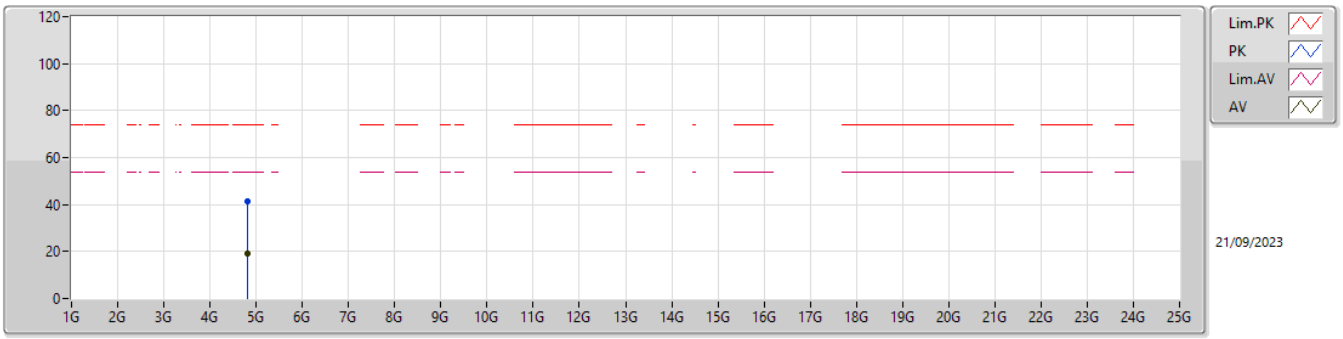
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.79928G	18.95	54.00	-35.05	0.37	3	Vertical	10	1.74	18.58	32.50	5.29	37.42
PK	4.79928G	41.45	74.00	-32.55	0.37	3	Vertical	10	1.74	41.08	32.50	5.29	37.42

2.4-2.4835GHz_BT-EDR(3Mbps)

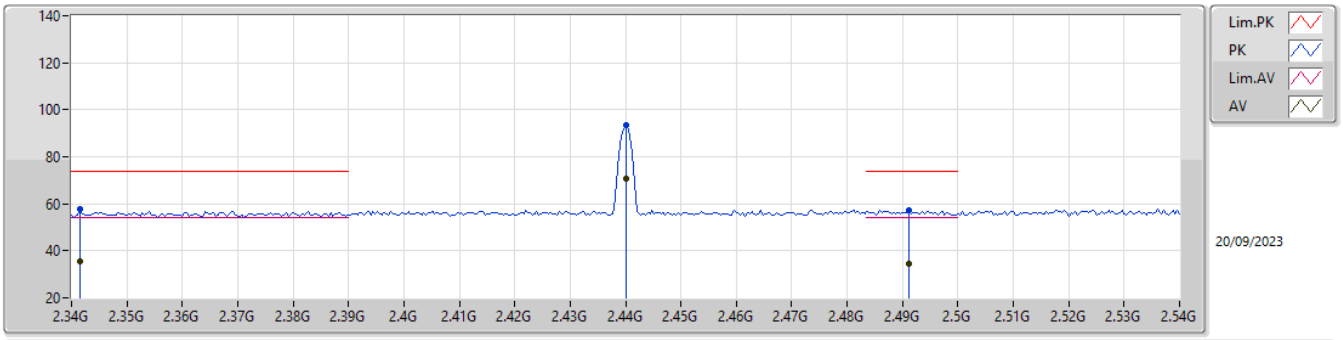
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.8016G	19.06	54.00	-34.94	0.38	3	Horizontal	154	1.19	18.68	32.51	5.29	37.42
PK	4.8016G	41.56	74.00	-32.44	0.38	3	Horizontal	154	1.19	41.18	32.51	5.29	37.42

2.4-2.4835GHz_BT-EDR(3Mbps)

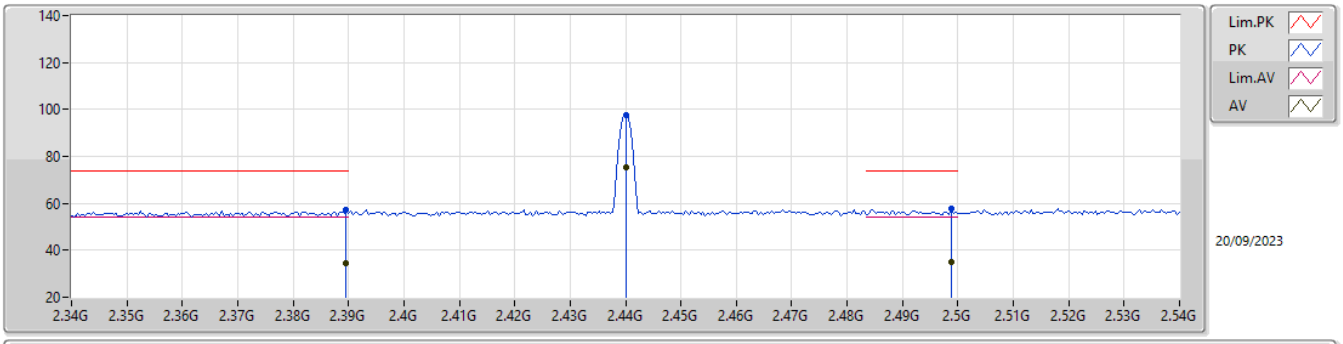
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3416G	35.44	54.00	-18.56	30.92	3	Vertical	309	2.57	4.52	27.32	3.60	-
AV	2.44G	70.76	Inf	-Inf	31.37	3	Vertical	309	2.57	39.39	27.70	3.67	-
AV	2.4912G	34.66	54.00	-19.34	31.51	3	Vertical	309	2.57	3.15	27.80	3.71	-
PK	2.3416G	57.94	74.00	-16.06	30.92	3	Vertical	309	2.57	27.02	27.32	3.60	-
PK	2.44G	93.26	Inf	-Inf	31.37	3	Vertical	309	2.57	61.89	27.70	3.67	-
PK	2.4912G	57.16	74.00	-16.84	31.51	3	Vertical	309	2.57	25.65	27.80	3.71	-

2.4-2.4835GHz_BT-EDR(3Mbps)

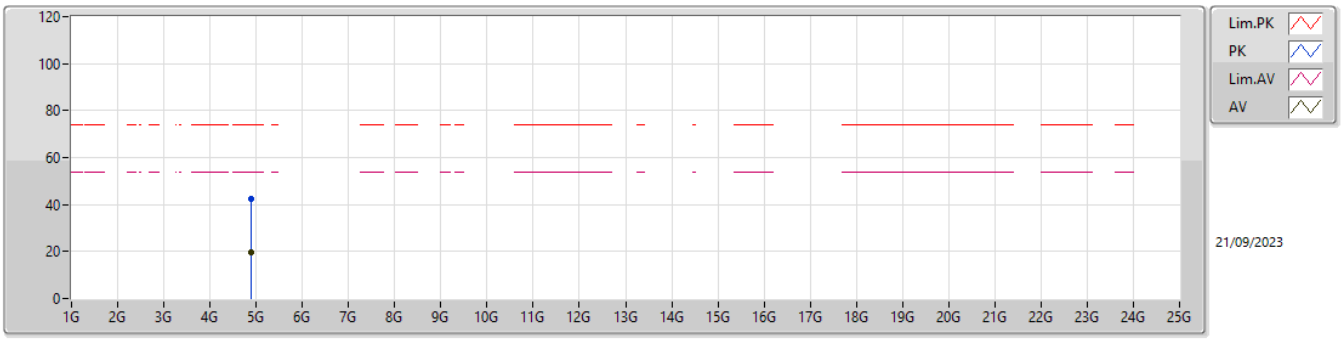
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3896G	34.74	54.00	-19.26	31.23	3	Horizontal	175	1.55	3.51	27.60	3.63	-
AV	2.44G	75.12	Inf	-Inf	31.37	3	Horizontal	175	1.55	43.75	27.70	3.67	-
AV	2.4988G	35.05	54.00	-18.95	31.52	3	Horizontal	175	1.55	3.53	27.80	3.72	-
PK	2.3896G	57.24	74.00	-16.76	31.23	3	Horizontal	175	1.55	26.01	27.60	3.63	-
PK	2.44G	97.62	Inf	-Inf	31.37	3	Horizontal	175	1.55	66.25	27.70	3.67	-
PK	2.4988G	57.55	74.00	-16.45	31.52	3	Horizontal	175	1.55	26.03	27.80	3.72	-

2.4-2.4835GHz_BT-EDR(3Mbps)

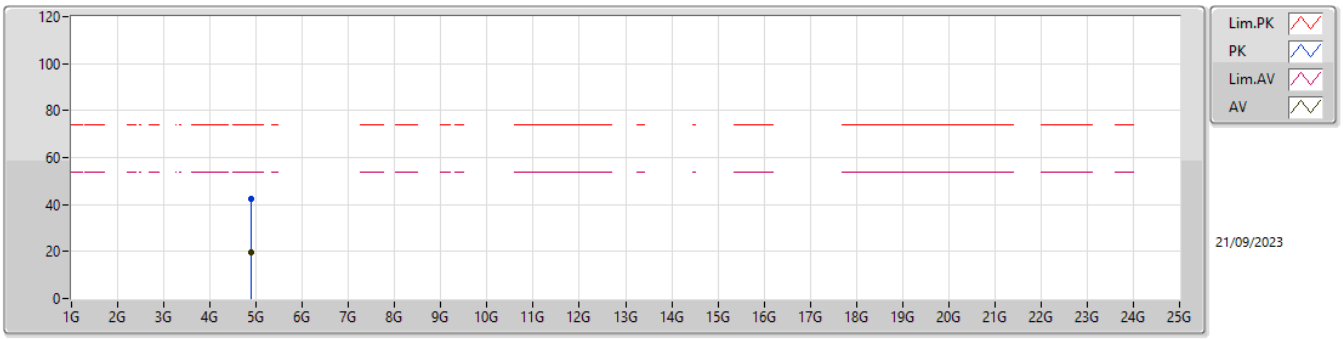
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.88296G	19.69	54.00	-34.31	0.80	3	Vertical	18	1.41	18.89	32.80	5.33	37.33
PK	4.88296G	42.19	74.00	-31.81	0.80	3	Vertical	18	1.41	41.39	32.80	5.33	37.33

2.4-2.4835GHz_BT-EDR(3Mbps)

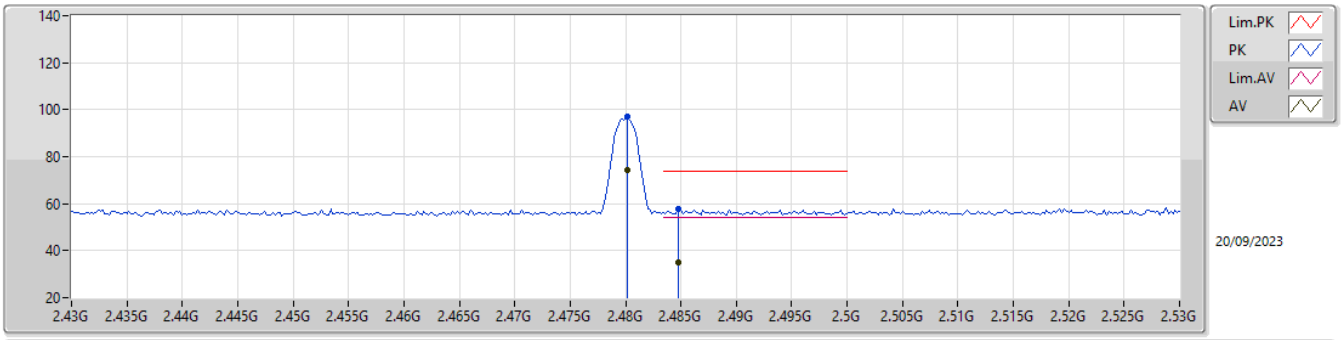
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.88044G	19.74	54.00	-34.26	0.80	3	Horizontal	267	1.32	18.94	32.80	5.33	37.33
PK	4.88044G	42.24	74.00	-31.76	0.80	3	Horizontal	267	1.32	41.44	32.80	5.33	37.33

2.4-2.4835GHz_BT-EDR(3Mbps)

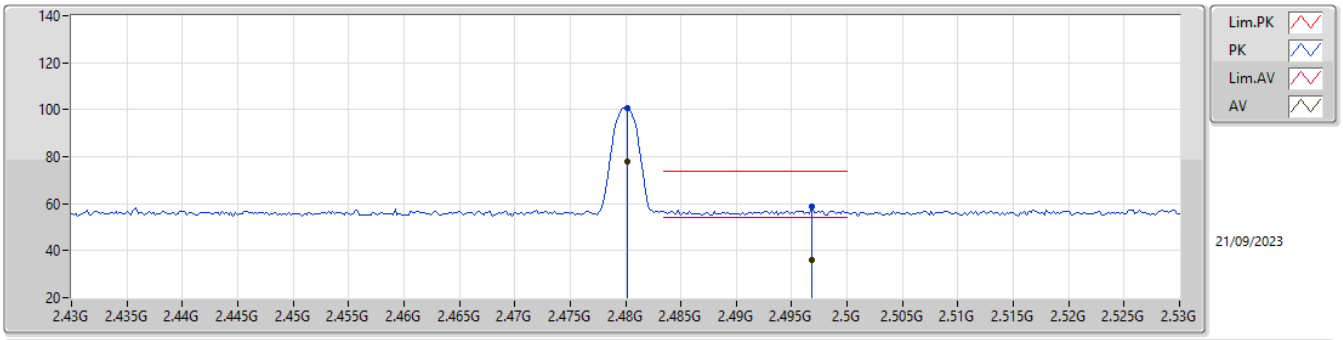
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4802G	74.44	Inf	-Inf	31.50	3	Vertical	311	2.01	42.94	27.80	3.70	-
AV	2.4848G	35.02	54.00	-18.98	31.51	3	Vertical	311	2.01	3.51	27.80	3.71	-
PK	2.4802G	96.94	Inf	-Inf	31.50	3	Vertical	311	2.01	65.44	27.80	3.70	-
PK	2.4848G	57.52	74.00	-16.48	31.51	3	Vertical	311	2.01	26.01	27.80	3.71	-

2.4-2.4835GHz_BT-EDR(3Mbps)

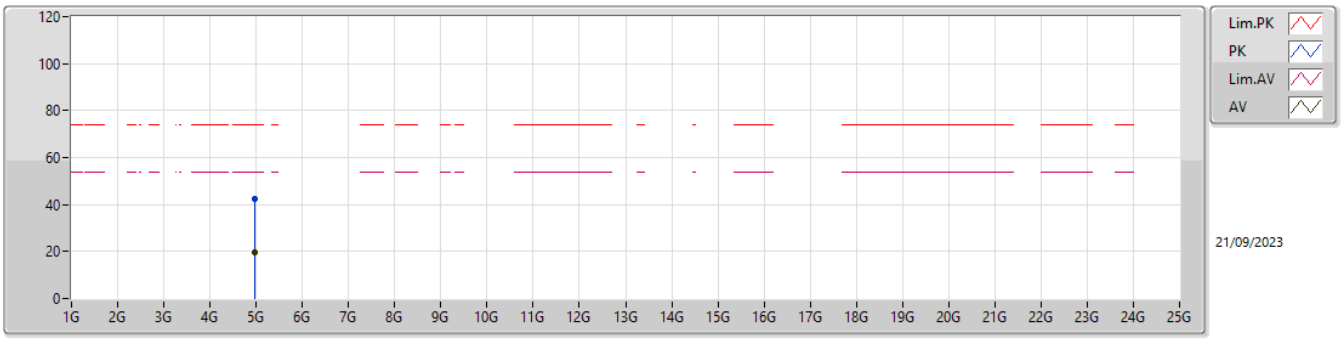
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.4802G	78.00	Inf	-Inf	31.50	3	Horizontal	170	1.50	46.50	27.80	3.70	-
AV	2.4968G	36.04	54.00	-17.96	31.52	3	Horizontal	170	1.50	4.52	27.80	3.72	-
PK	2.4802G	100.50	Inf	-Inf	31.50	3	Horizontal	170	1.50	69.00	27.80	3.70	-
PK	2.4968G	58.54	74.00	-15.46	31.52	3	Horizontal	170	1.50	27.02	27.80	3.72	-

2.4-2.4835GHz_BT-EDR(3Mbps)

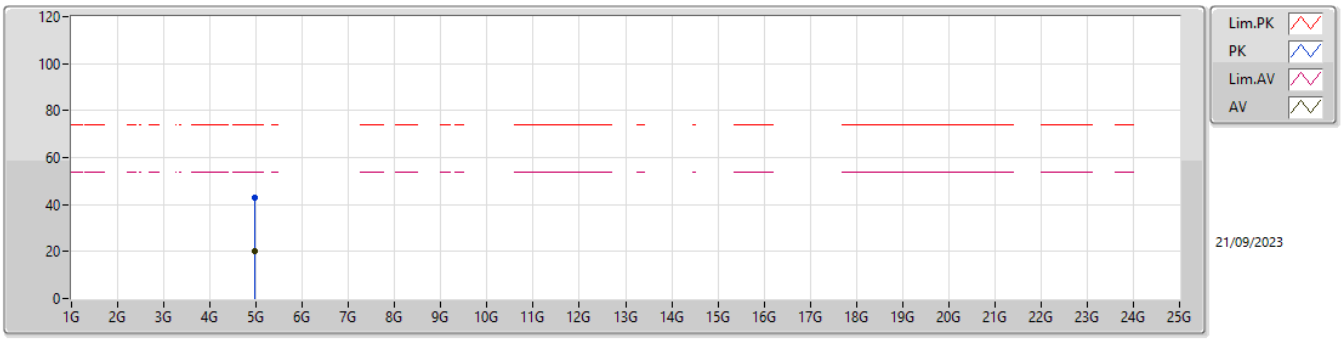
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.95788G	19.85	54.00	-34.15	1.26	3	Vertical	276	1.05	18.59	33.15	5.36	37.25
PK	4.95788G	42.35	74.00	-31.65	1.26	3	Vertical	276	1.05	41.09	33.15	5.36	37.25

2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	4.96154G	20.22	54.00	-33.78	1.29	3	Horizontal	315	1.81	18.93	33.17	5.36	37.24
PK	4.96154G	42.72	74.00	-31.28	1.29	3	Horizontal	315	1.81	41.43	33.17	5.36	37.24