Testing Laboratory 3785

FCC Radio Test Report

FCC ID	:	**UDX-600127010**
Equipment	:	**SMART Camera**
Brand Name	:	**CISCO**
Model Name	:	**MV73X-HW, MV73M-HW**
Applicant	:	**Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA**
Manufacturer	:	**Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Nov. 14, 2023, and testing was started from Dec. 08, 2023 and completed on Mar. 22, 2024. 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR3N1320AD	01	Initial issue of report	May 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: Ann Hou

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	Support
1	Aristotle	JP600	PCB	I-Pex	2.4G+5G+BT
2	Aristotle	JP599	PCB	I-Pex	2.4G+5G

Ant.	Port	Gain (dBi)					
		2.4G	BT	5G			
				U-NII-1	U-NII-2A	U-NII-3C	U-NII-3
1	1	1.72	1.72	4.52	4.71	3.91	3.86
2	2	3.70	-	3.39	3.64	3.35	3.37

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2(port 2) and it was recorded in this test report.

For 5GHz function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 1(port 1) and it was recorded in this test report.

For BT function:

Only Ant. 1 (port 1) can be used as transmitting/receiving antenna.

1.1.3 EUT Information

Operational Condition		
EUT Power Type	From AC Adapter / PoE	
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

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-BR(1Mbps)	0.778	1.09	2.888m	1k
BT-EDR(2Mbps)	0.742	1.3	2.889m	1k
BT-EDR(3Mbps)	0.765	1.16	2.892m	1k

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

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Memory Capacity	Description
MV73X-HW	1TB	All the models are identical, only the memory capacity is different.
MV73M-HW	256GB	

From the above models, model: MV73X-HW was selected as representative model for the test and its data was recorded in this report.

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	**ADD:** No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785**)**	**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	22.8~24.4°C / 52~56%	05/Jan/2024
RF Conducted	TH06-HY	Johnny Yu	21.6~22.1°C / 55~60%	08/Dec/2023~09/Dec/2023
Radiated (Co-location)	03CH03-HY	Edward Wang	21.3~22.0°C / 54~55%	22/Mar/2024
☒ Wenhua 3rd.	**ADD:** No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
(TAF: 3785**)**	**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	22.9~23.4°C / 45~57%	10/Jan/2024~12/Jan/2024

1.4 Measurement Uncertainty

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

Test Items	**Uncertainty**	**Remark**
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	QDART-Connectivity1.0-00095

Mode	Power Setting
BT-BR(1Mbps)	-
2402MHz	9
2440MHz	9
2480MHz	9
BT-EDR(2Mbps)	-
2402MHz	9
2440MHz	9
2480MHz	9
BT-EDR(3Mbps)	-
2402MHz	9
2440MHz	9
2480MHz	9

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	PoE 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	PoE mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	**X Plane**	**Y Plane**	**Z Plane**
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz + Bluetooth
2	WLAN 5GHz + Bluetooth
Refer to Sporton Test Report No.: FA3N1320 for Co-location RF Exposure Evaluation and Appendix H for Radiated Emission Co-location.	

2.3 Support Equipment

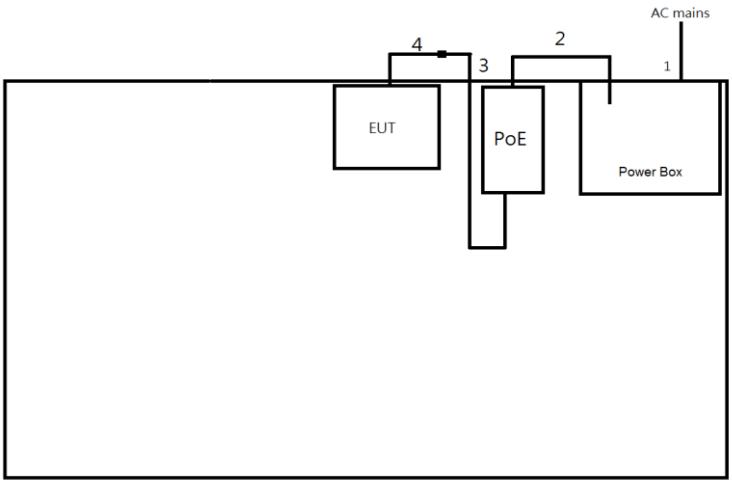
Support Equipment – AC Conduction					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	AC Power Cable	Power sync	PW-GPC180-3	-	-
2	PoE Adapter	CISCO	MA-INJ-4	-	Provided by Customer
3	RJ45 cable	Power sync	CAT-6E-03	-	-

Support Equipment – Conducted					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	Notebook	DELL	Latitude 7290	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Micro USB	DUDAO	L7X	-	-

Support Equipment – Radiated					
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**	**Remark**
1	AC Power Cable	Power sync	PW-GPC180-3	-	-
2	PoE Adapter	CISCO	MA-INJ-4	-	Provided by Customer
3	RJ45 cable	Power sync	CAT-6E-03	-	-

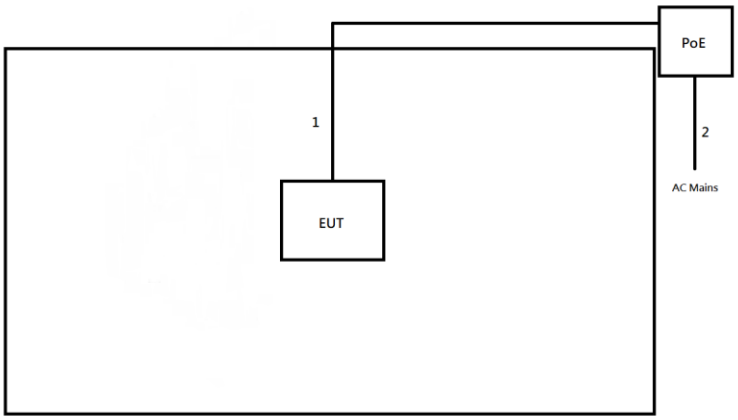
2.4 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length (m)
1	AC Power cable	No	1.8
2	AC Power cable	No	1.8
3	RJ45 cable	No	3.0
4	Lan cable	No	0.4

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length (m)
1	RJ45 Cable	No	3.0
2	AC Power Cable	No	1.8

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

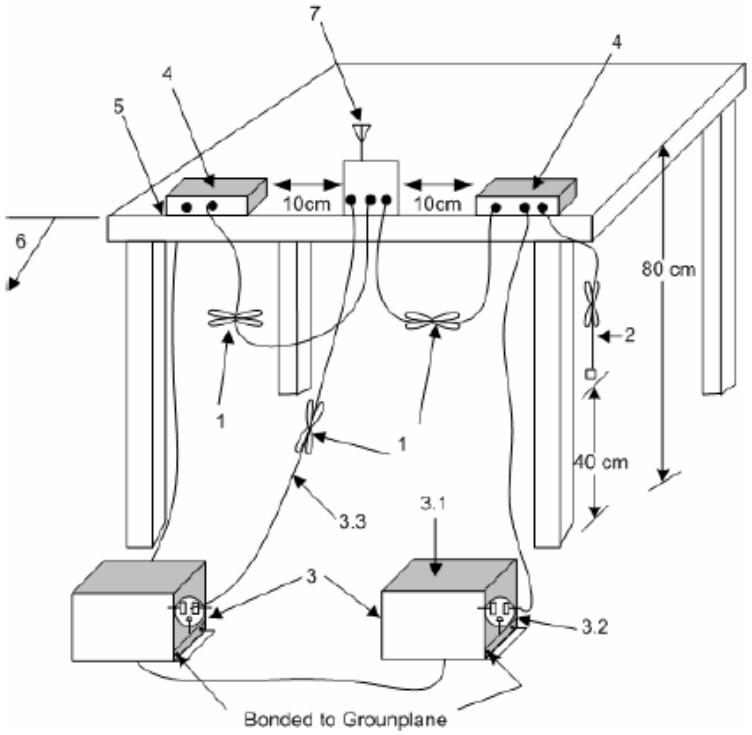
Test Method
▪ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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	

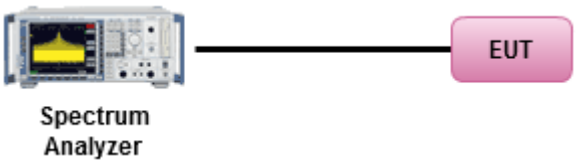
3.2.2 Measuring Instruments

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

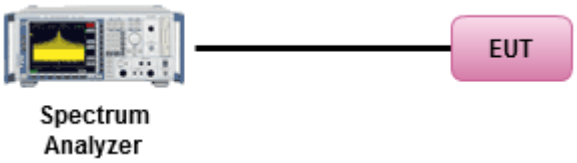
3.4.3 Measuring Instruments

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

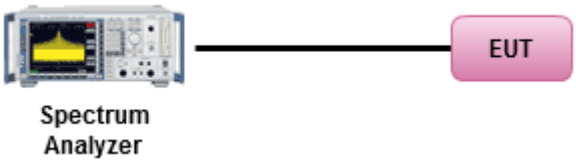
Refer a test equipment and calibration data table in this test report.

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.	

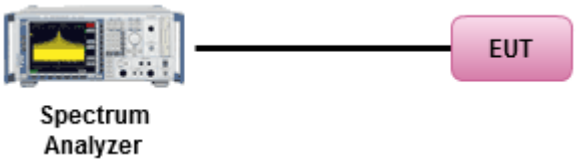
3.6.2 Measuring Instruments

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

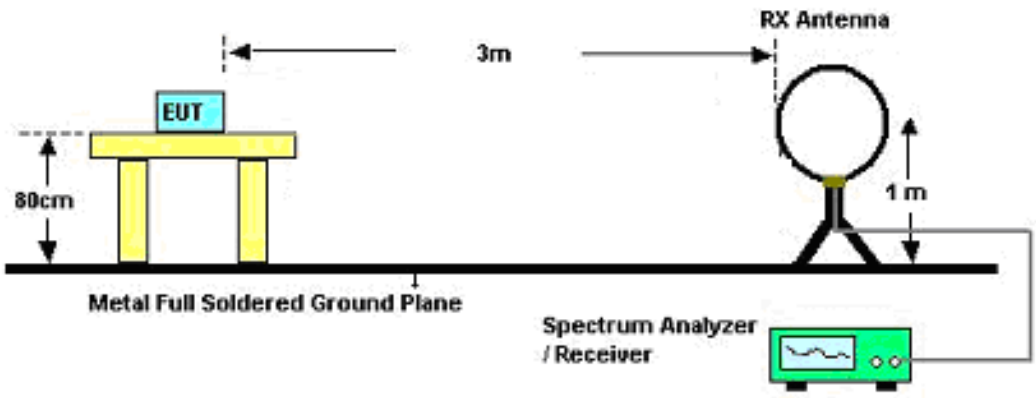
Test Method	
▪	The average emission levels shall be measured in [hopping duty factor].
▪	Refer as ANSI C63.10; clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
▪	For the transmitter unwanted emissions shall 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

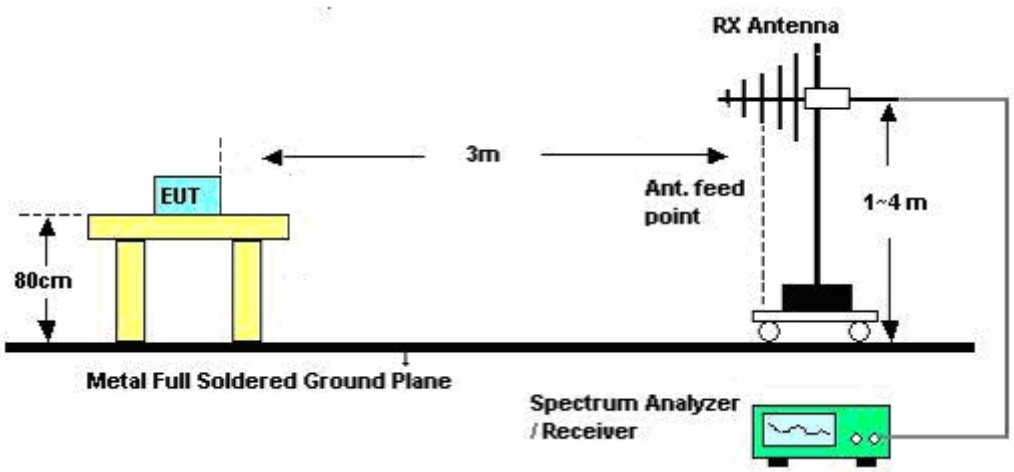
The measured Level is calculated using:
Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

3.7.5 Test Setup

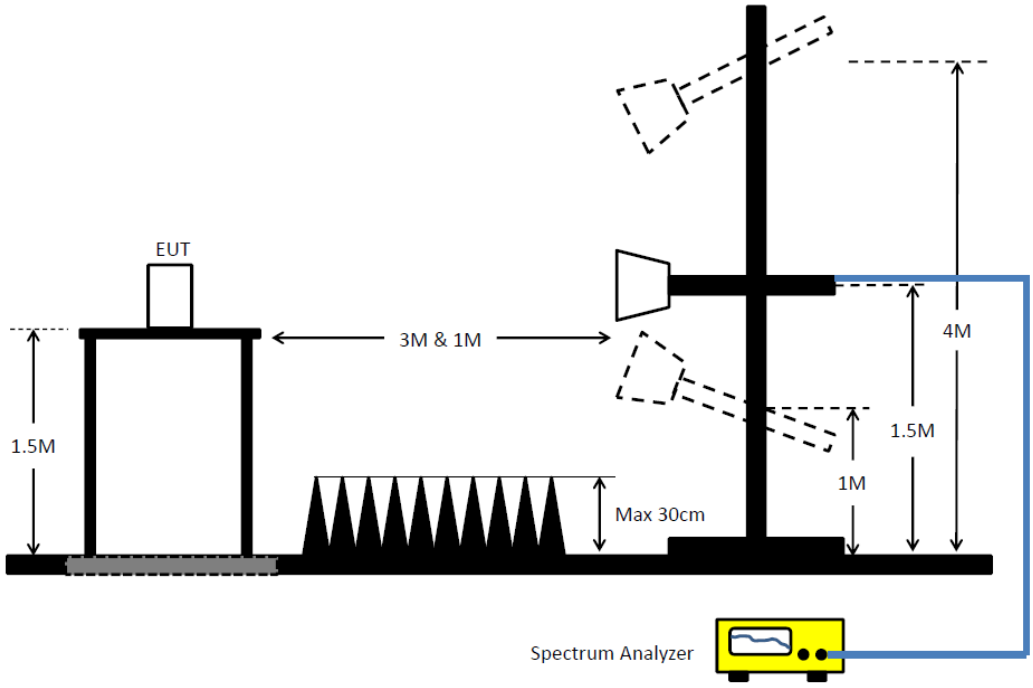
Emissions in Restricted Frequency Bands
9kHz ~30MHz



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	R&S	FSV 40	101029	10Hz~40GHz	30/Oct/2023	29/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
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	V5.11.15	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	2744	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	60870	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
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	30MHz~40GHz	21/Jul/2023	20/Jul/2024
Amplifier	EM	EM18G40G	60604	18GHz ~ 40GHz	16/Mar/2023	15/Mar/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	1248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	23/Mar/2023	22/Mar/2024
SENSE-15247-FS	Sporton	V5.11	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	28/Jul/2023	27/Jul/2024
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	26/Oct/2023	25/Oct/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	04/Oct/2023	03/Oct/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz ~ 40GHz	21/Aug/2023	20/Aug/2024
RF CABLE 5+8 m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	26/Jul/2023	25/Jul/2024
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Aug/2023	17/Aug/2024
SENSE-EMI	Sporton	V5.11.6	N/A	N/A	N/A	N/A

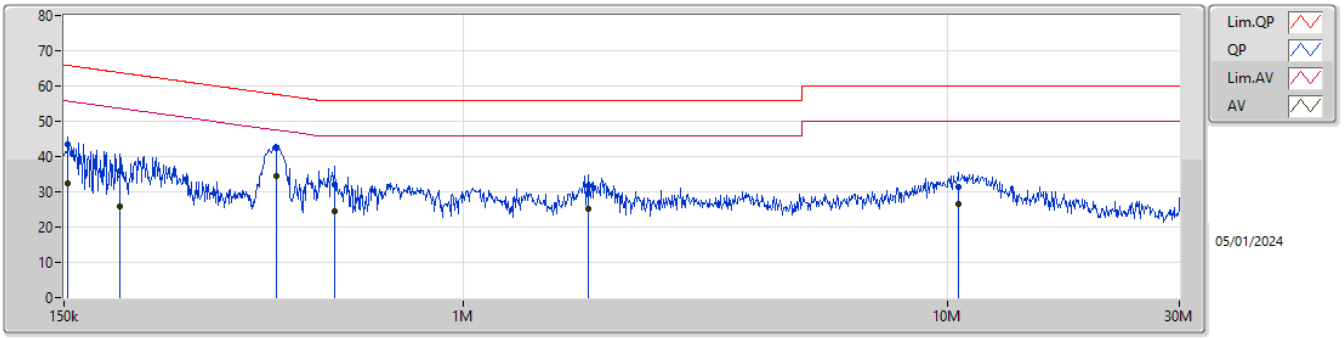
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	411.832k	34.50	47.61	-13.11	Line

Result

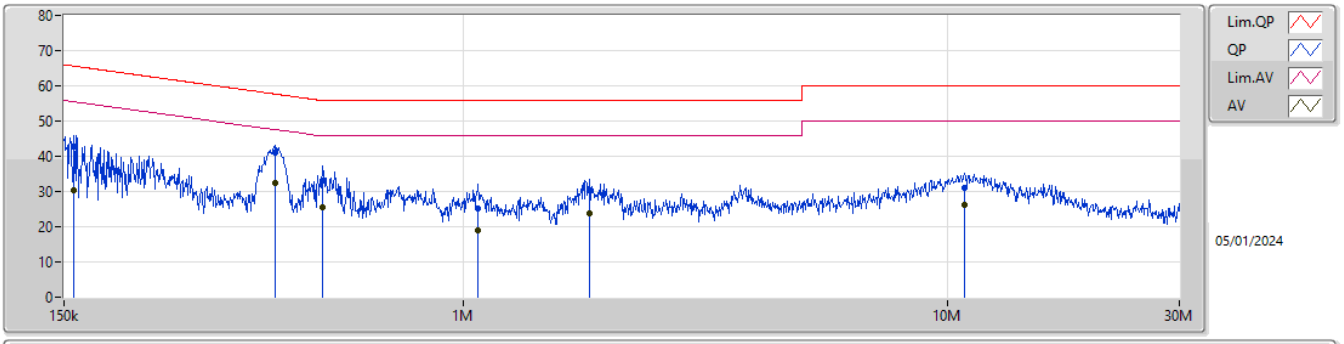
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.024k	43.51	65.83	-22.32	Line
Mode 1	Pass	AV	153.024k	32.36	55.83	-23.47	Line
Mode 1	Pass	QP	195.997k	35.77	63.78	-28.01	Line
Mode 1	Pass	AV	195.997k	25.75	53.78	-28.03	Line
Mode 1	Pass	QP	411.832k	42.45	57.61	-15.16	Line
Mode 1	Pass	AV	411.832k	34.50	47.61	-13.11	Line
Mode 1	Pass	QP	542.434k	31.99	56.00	-24.01	Line
Mode 1	Pass	AV	542.434k	24.64	46.00	-21.36	Line
Mode 1	Pass	QP	1.811M	31.67	56.00	-24.33	Line
Mode 1	Pass	AV	1.811M	25.09	46.00	-20.91	Line
Mode 1	Pass	QP	10.49M	31.43	60.00	-28.57	Line
Mode 1	Pass	AV	10.49M	26.63	50.00	-23.37	Line
Mode 1	Pass	QP	157.361k	42.79	65.60	-22.81	Neutral
Mode 1	Pass	AV	157.361k	30.46	55.60	-25.14	Neutral
Mode 1	Pass	QP	408.557k	41.04	57.68	-16.64	Neutral
Mode 1	Pass	AV	408.557k	32.49	47.68	-15.19	Neutral
Mode 1	Pass	QP	510.906k	33.26	56.00	-22.74	Neutral
Mode 1	Pass	AV	510.906k	25.44	46.00	-20.56	Neutral
Mode 1	Pass	QP	1.074M	25.16	56.00	-30.84	Neutral
Mode 1	Pass	AV	1.074M	19.11	46.00	-26.89	Neutral
Mode 1	Pass	QP	1.826M	30.33	56.00	-25.67	Neutral
Mode 1	Pass	AV	1.826M	23.70	46.00	-22.30	Neutral
Mode 1	Pass	QP	10.787M	31.09	60.00	-28.91	Neutral
Mode 1	Pass	AV	10.787M	26.31	50.00	-23.69	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	153.024k	43.51	65.83	-22.32	19.37	Line	-	24.14	9.59	0.03	9.75
AV	153.024k	32.36	55.83	-23.47	19.37	Line	-	12.99	9.59	0.03	9.75
QP	195.997k	35.77	63.78	-28.01	19.31	Line	-	16.46	9.59	0.03	9.69
AV	195.997k	25.75	53.78	-28.03	19.31	Line	-	6.44	9.59	0.03	9.69
QP	411.832k	42.45	57.61	-15.16	19.40	Line	-	23.05	9.60	0.04	9.76
AV	411.832k	34.50	47.61	-13.11	19.40	Line	-	15.10	9.60	0.04	9.76
QP	542.434k	31.99	56.00	-24.01	19.41	Line	-	12.58	9.60	0.04	9.77
AV	542.434k	24.64	46.00	-21.36	19.41	Line	-	5.23	9.60	0.04	9.77
QP	1.811M	31.67	56.00	-24.33	19.52	Line	-	12.15	9.64	0.08	9.80
AV	1.811M	25.09	46.00	-20.91	19.52	Line	-	5.57	9.64	0.08	9.80
QP	10.49M	31.43	60.00	-28.57	19.71	Line	-	11.72	9.73	0.19	9.79
AV	10.49M	26.63	50.00	-23.37	19.71	Line	-	6.92	9.73	0.19	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	157.361k	42.79	65.60	-22.81	19.38	Neutral	-	23.41	9.60	0.03	9.75
AV	157.361k	30.46	55.60	-25.14	19.38	Neutral	-	11.08	9.60	0.03	9.75
QP	408.557k	41.04	57.68	-16.64	19.40	Neutral	-	21.64	9.60	0.04	9.76
AV	408.557k	32.49	47.68	-15.19	19.40	Neutral	-	13.09	9.60	0.04	9.76
QP	510.906k	33.26	56.00	-22.74	19.41	Neutral	-	13.85	9.60	0.04	9.77
AV	510.906k	25.44	46.00	-20.56	19.41	Neutral	-	6.03	9.60	0.04	9.77
QP	1.074M	25.16	56.00	-30.84	19.46	Neutral	-	5.70	9.61	0.05	9.80
AV	1.074M	19.11	46.00	-26.89	19.46	Neutral	-	-0.35	9.61	0.05	9.80
QP	1.826M	30.33	56.00	-25.67	19.50	Neutral	-	10.83	9.62	0.08	9.80
AV	1.826M	23.70	46.00	-22.30	19.50	Neutral	-	4.20	9.62	0.08	9.80
QP	10.787M	31.09	60.00	-28.91	19.69	Neutral	-	11.40	9.70	0.19	9.80
AV	10.787M	26.31	50.00	-23.69	19.69	Neutral	-	6.62	9.70	0.19	9.80

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)	924k	859.57k	860KF1D	918.5k	840.83k
BT-EDR(2Mbps)	1.323M	1.191M	1M19G1D	1.306M	1.176M
BT-EDR(3Mbps)	1.337M	1.207M	1M21G1D	1.304M	1.188M

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

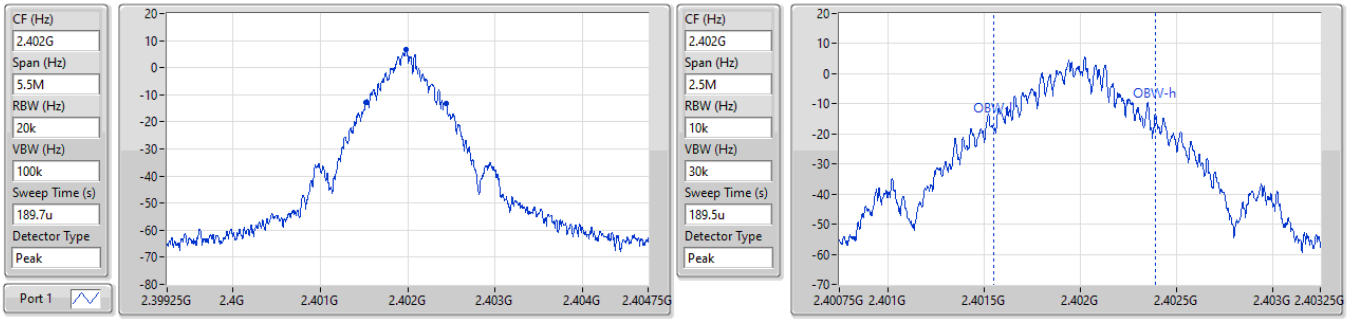
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	918.5k	840.83k
2440MHz	Pass	Inf	924k	859.57k
2480MHz	Pass	Inf	924k	853.323k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.306M	1.191M
2440MHz	Pass	Inf	1.323M	1.176M
2480MHz	Pass	Inf	1.32M	1.184M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.304M	1.207M
2440MHz	Pass	Inf	1.304M	1.202M
2480MHz	Pass	Inf	1.337M	1.188M

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

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

2402MHz

09/12/2023

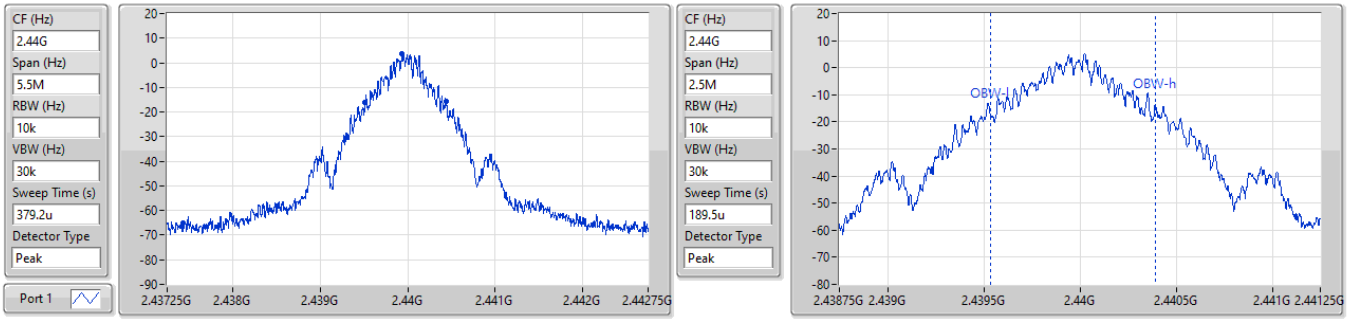


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
918.5k	2.401524G	2.402443G	840.83k	2.40155G	2.402391G	Inf	1

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

2440MHz

09/12/2023

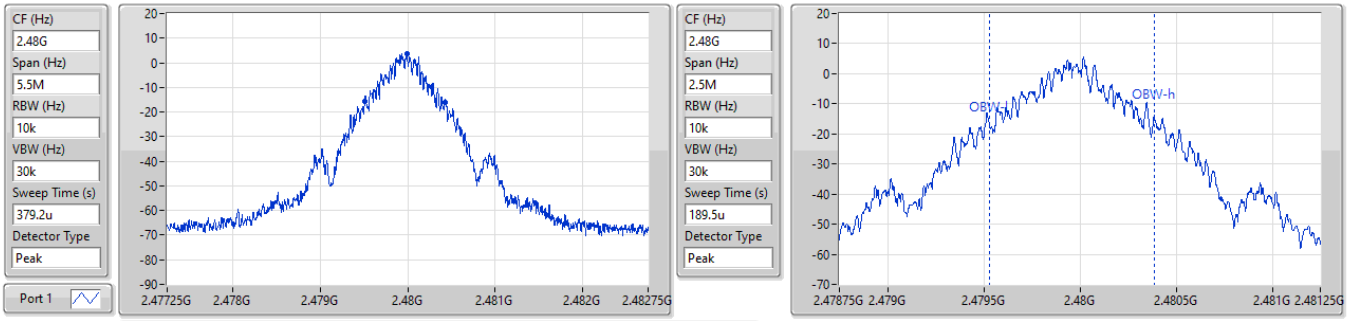


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
924k	2.439516G	2.44044G	859.57k	2.439534G	2.440394G	Inf	1

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

2480MHz

09/12/2023

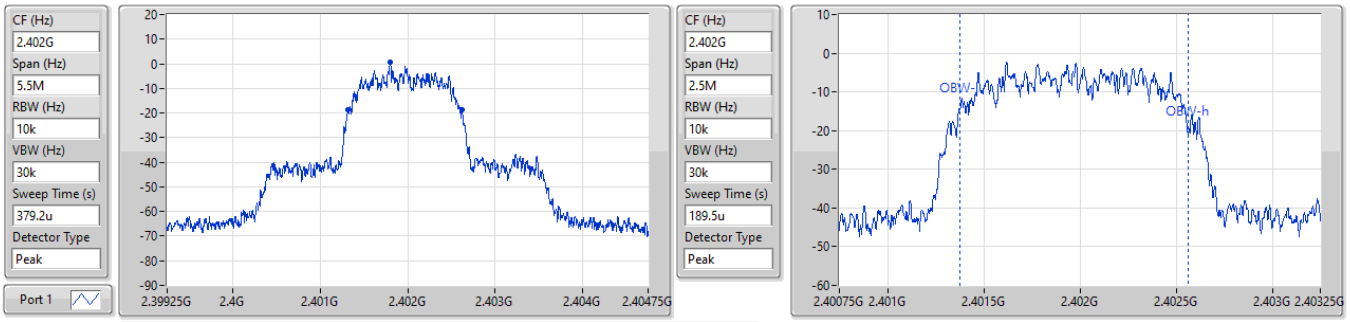


20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
924k	2.479511G	2.480435G	853.323k	2.479533G	2.480386G	Inf	1

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

2402MHz

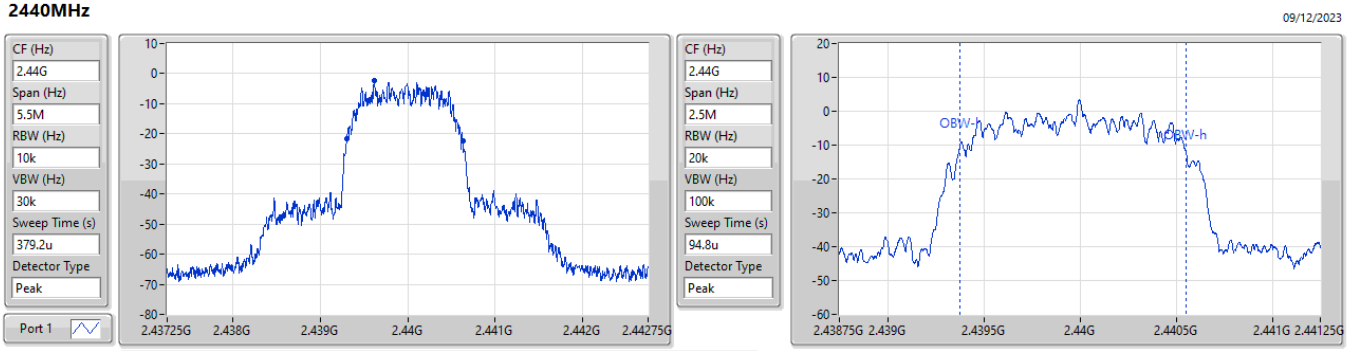
09/12/2023



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.306M	2.401318G	2.402624G	1.191M	2.401374G	2.402565G	Inf	1

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

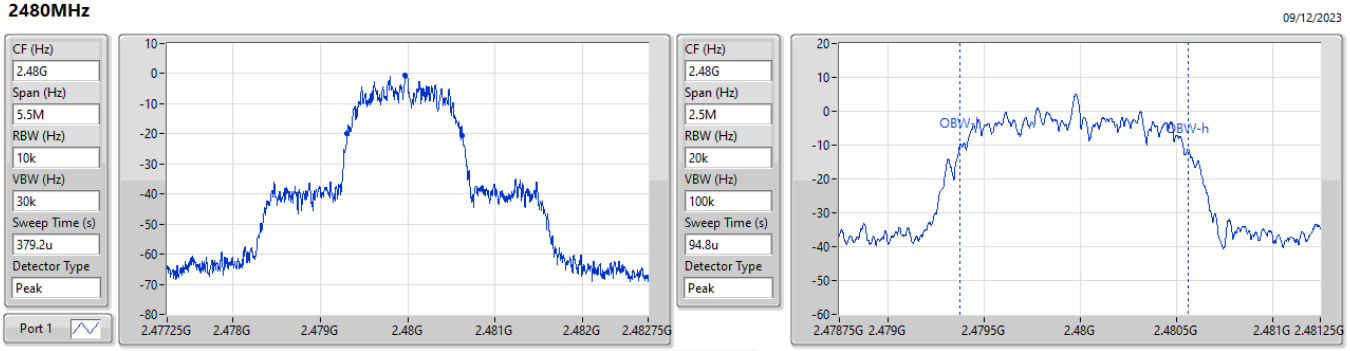
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.323M	2.439307G	2.44063G	1.176M	2.439379G	2.440555G	Inf	1

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

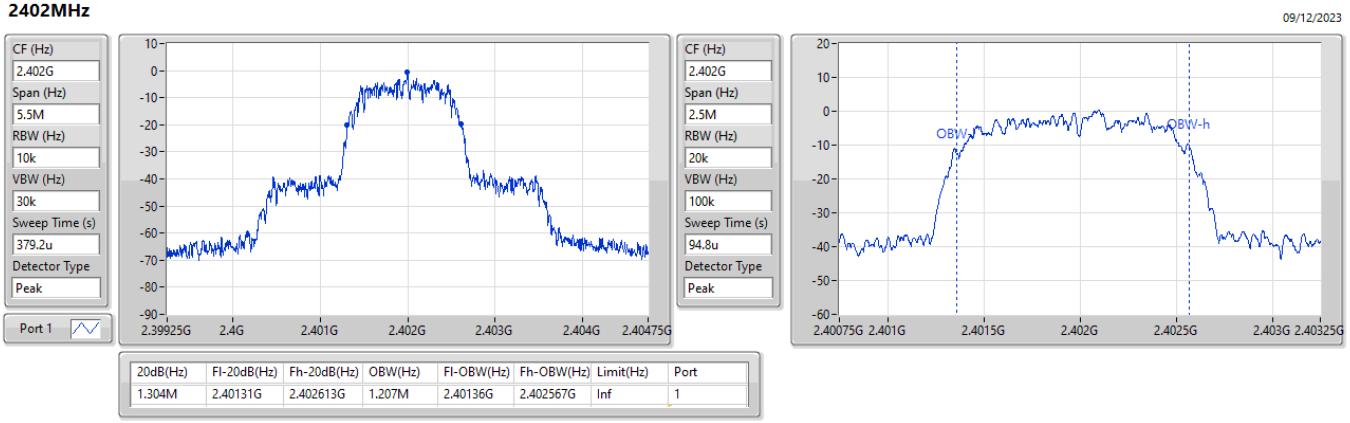
2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.32M	2.479307G	2.480627G	1.184M	2.479378G	2.480562G	Inf	1

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

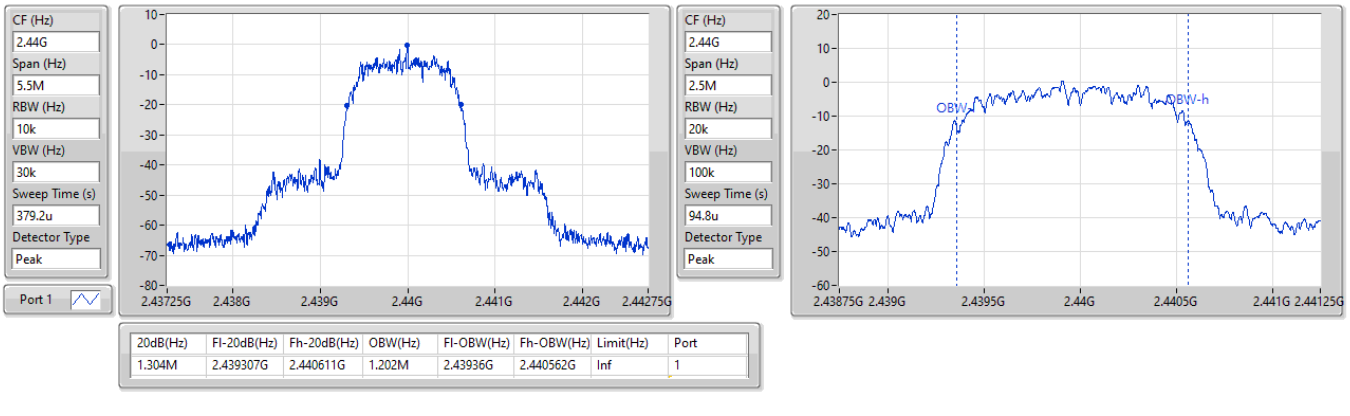
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.304M	2.40131G	2.402613G	1.207M	2.40136G	2.402567G	Inf	1

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

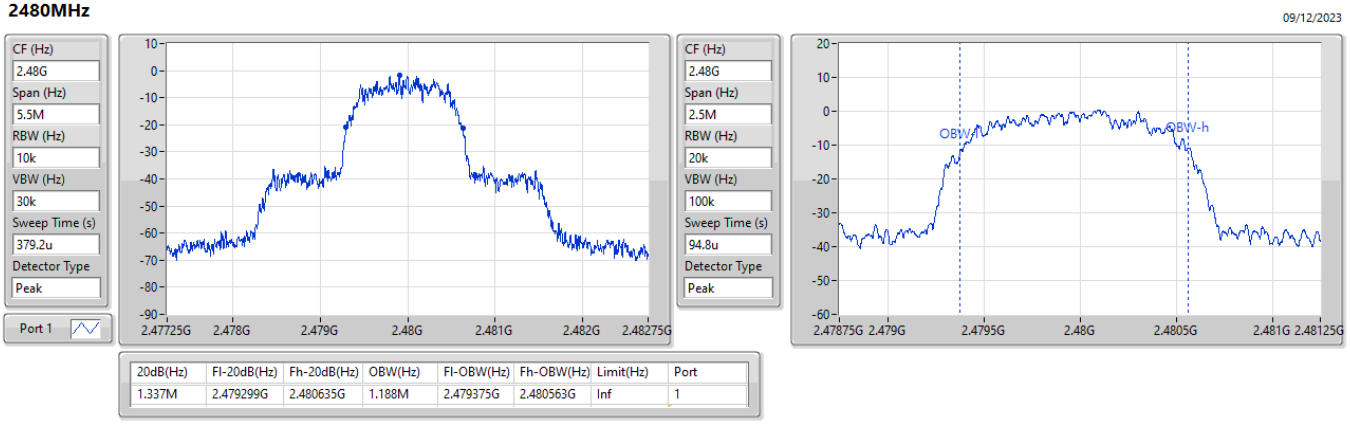
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.304M	2.439307G	2.440611G	1.202M	2.43936G	2.440562G	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
1.337M	2.479299G	2.480635G	1.188M	2.479375G	2.480563G	Inf	1

Summary

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

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.401977G	2.402977G	1.0005M	611.721k
2440MHz	Pass	2.439981G	2.440982G	1.0005M	615.384k
2480MHz	Pass	2.478981G	2.47998G	999k	525.6405k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.401981G	2.402982G	1.0005M	869.796k
2440MHz	Pass	2.439983G	2.440982G	999k	881.118k
2480MHz	Pass	2.478981G	2.47998G	999k	879.12k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.401983G	2.402982G	999k	868.464k
2440MHz	Pass	2.439981G	2.440982G	1.0005M	868.464k
2480MHz	Pass	2.478981G	2.47998G	999k	890.442k

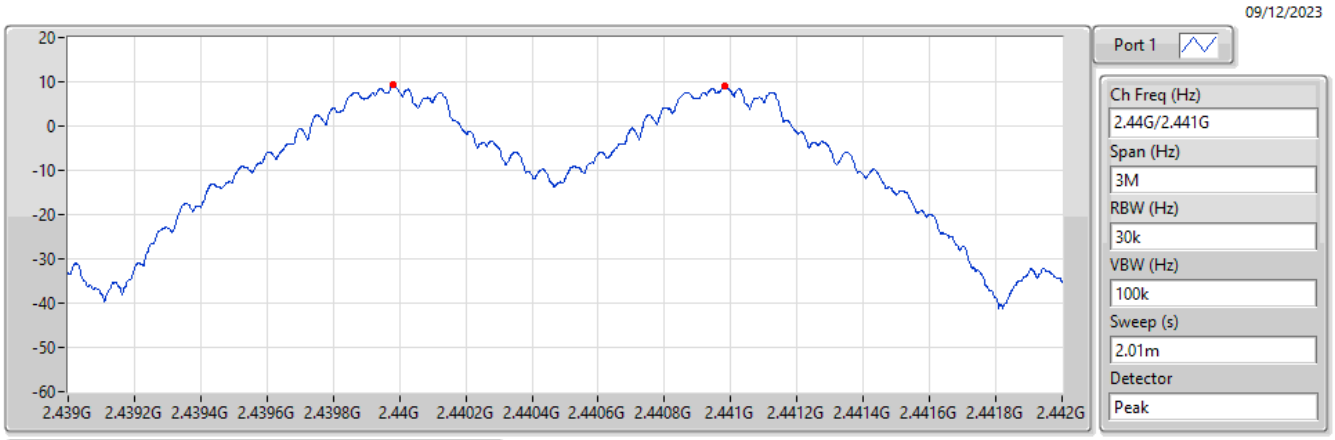
2.4-2.4835GHz_BT-BR(1Mbps) **Channel Separation-FS**

2.402G/2.403GHz

Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.401977G	2.402977G	1.0005M	611.721k

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

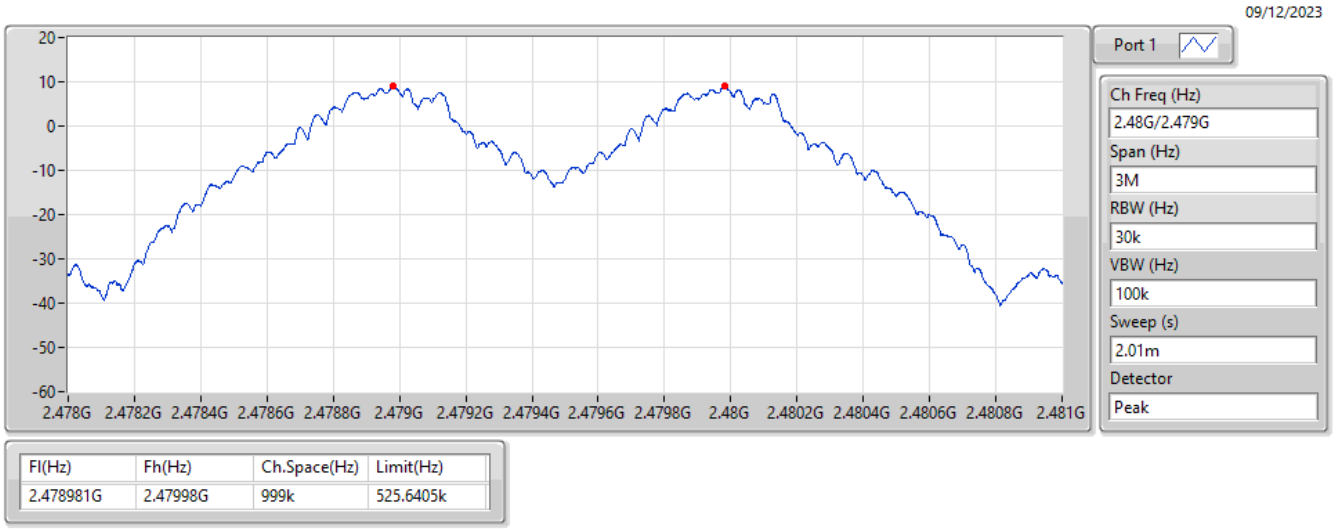
2.44G/2.441GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.439981G	2.440982G	1.0005M	615.384k

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

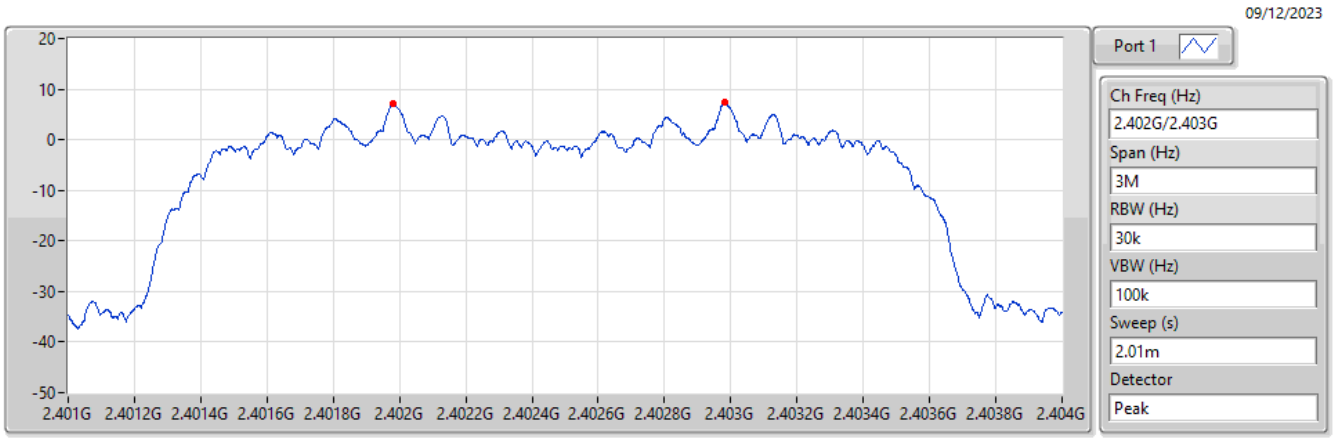
2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.478981G	2.47998G	999k	525.6405k

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

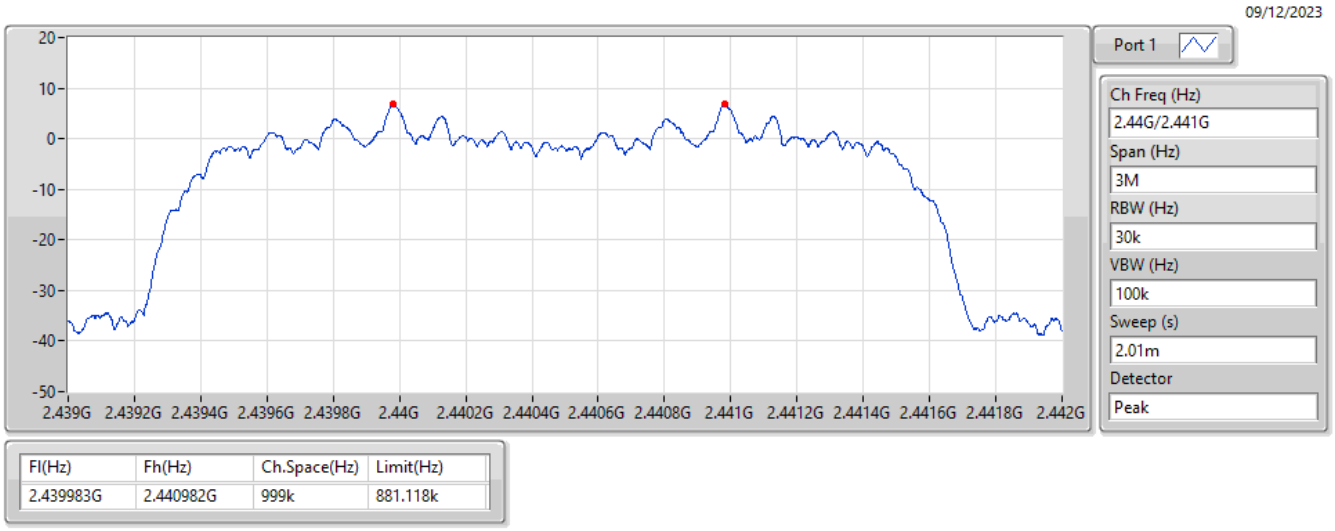
2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.401981G	2.402982G	1.0005M	869.796k

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

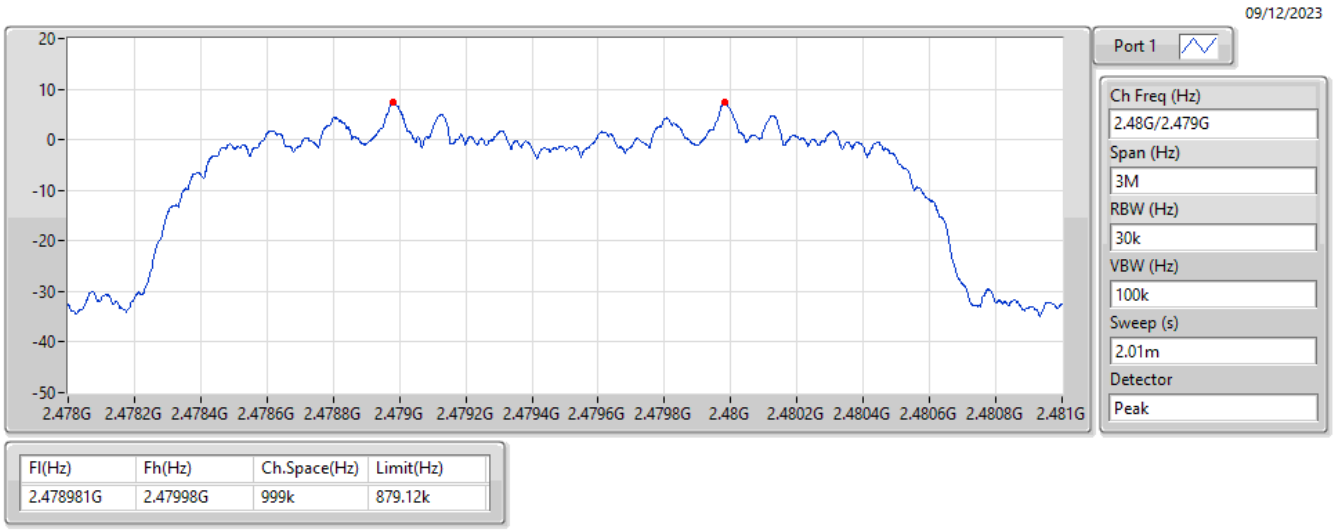
2.44G/2.441GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.439983G	2.440982G	999k	881.118k

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

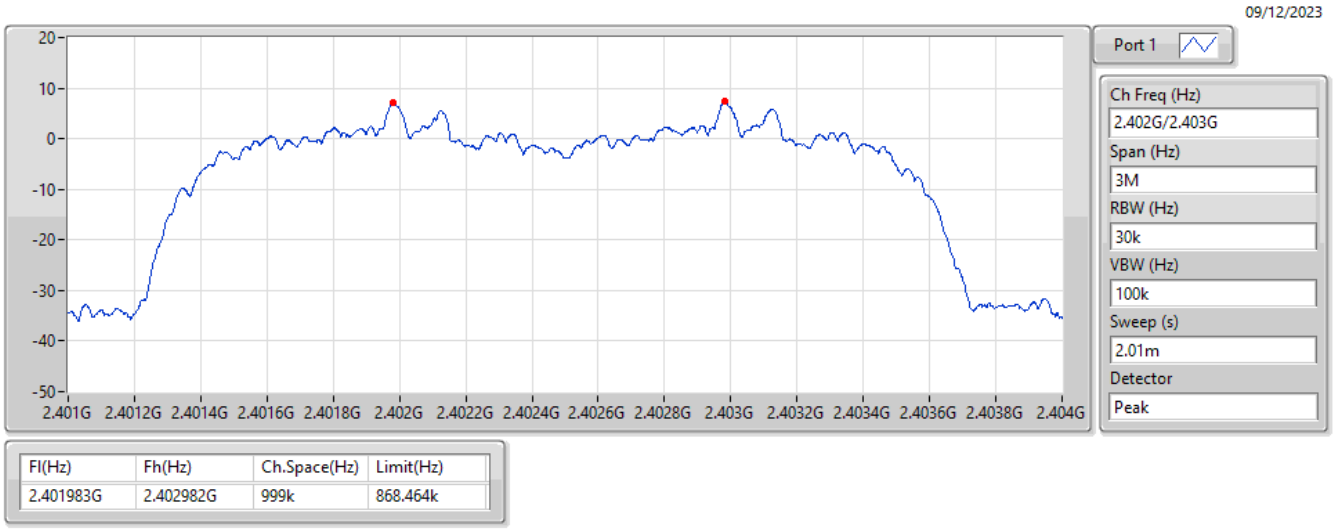
2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.478981G	2.47998G	999k	879.12k

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

2.402G/2.403GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.401983G	2.402982G	999k	868.464k

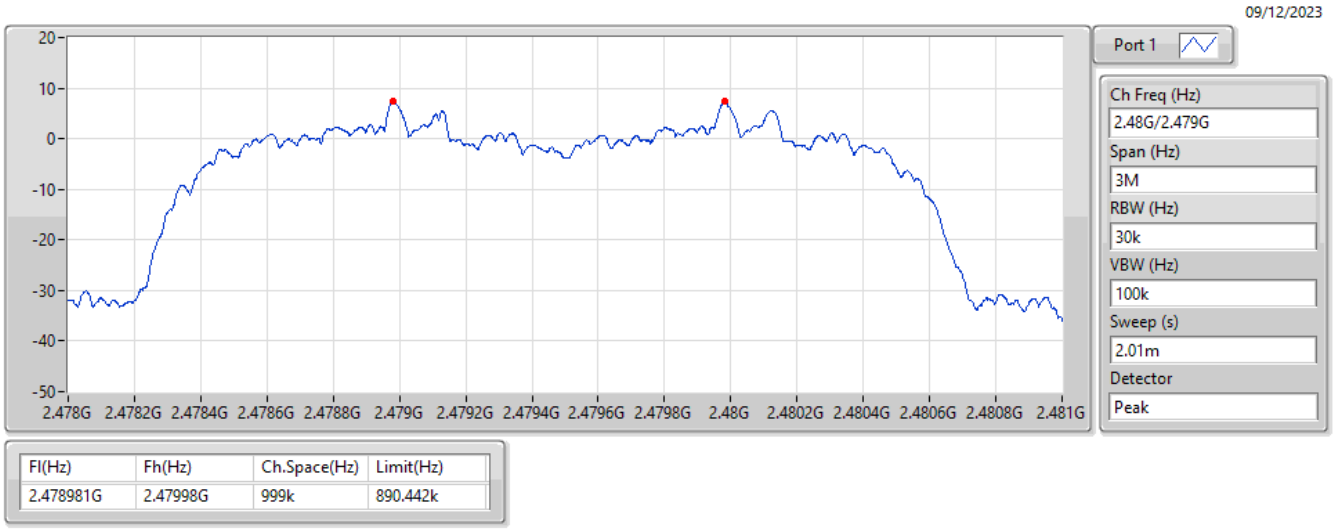
2.4-2.4835GHz_BT-EDR(3Mbps) **Channel Separation-FS**

2.44G/2.441GHz

Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.439981G	2.440982G	1.0005M	868.464k

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

2.48G/2.479GHz



Fl(Hz)	Fh(Hz)	Ch.Space(Hz)	Limit(Hz)
2.478981G	2.47998G	999k	890.442k

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	11.60	0.01445
BT-EDR(2Mbps)	11.00	0.01259
BT-EDR(3Mbps)	11.22	0.01324

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	1.72	11.59	21.00
2440MHz	Pass	1.72	11.60	21.00
2480MHz	Pass	1.72	11.47	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	1.72	10.97	21.00
2440MHz	Pass	1.72	10.91	21.00
2480MHz	Pass	1.72	11.00	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	1.72	11.22	21.00
2440MHz	Pass	1.72	11.20	21.00
2480MHz	Pass	1.72	11.17	21.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	11.32	0.01355
BT-EDR(2Mbps)	8.76	0.00752
BT-EDR(3Mbps)	8.83	0.00764

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	1.72	11.28	21.00
2440MHz	Pass	1.72	11.32	21.00
2480MHz	Pass	1.72	11.18	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	1.72	8.66	21.00
2440MHz	Pass	1.72	8.39	21.00
2480MHz	Pass	1.72	8.76	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	1.72	8.68	21.00
2440MHz	Pass	1.72	8.39	21.00
2480MHz	Pass	1.72	8.83	21.00

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

Summary

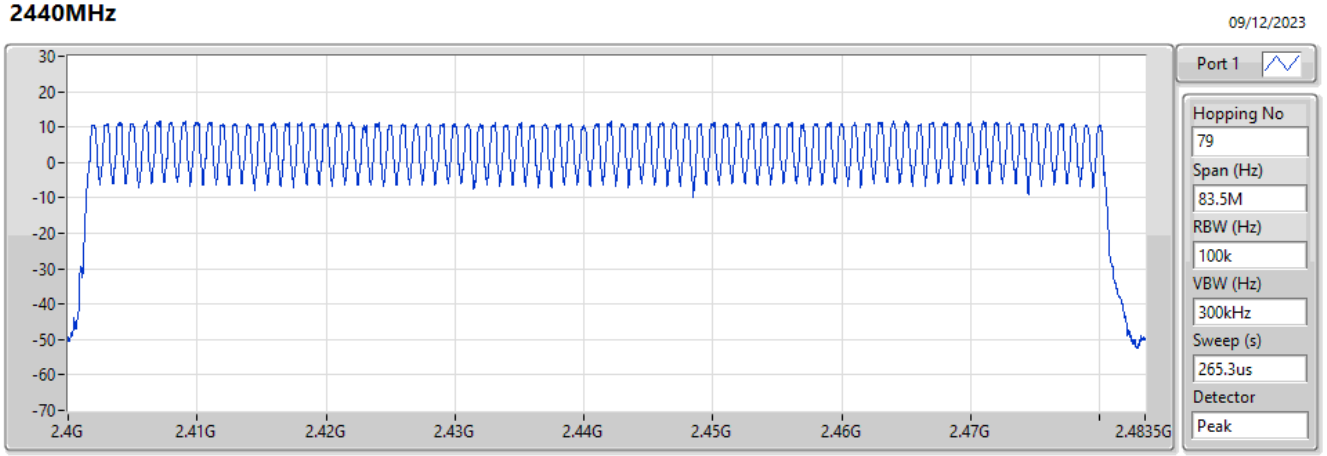
Mode 2.4-2.4835GHz	Max-Hop No -
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

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

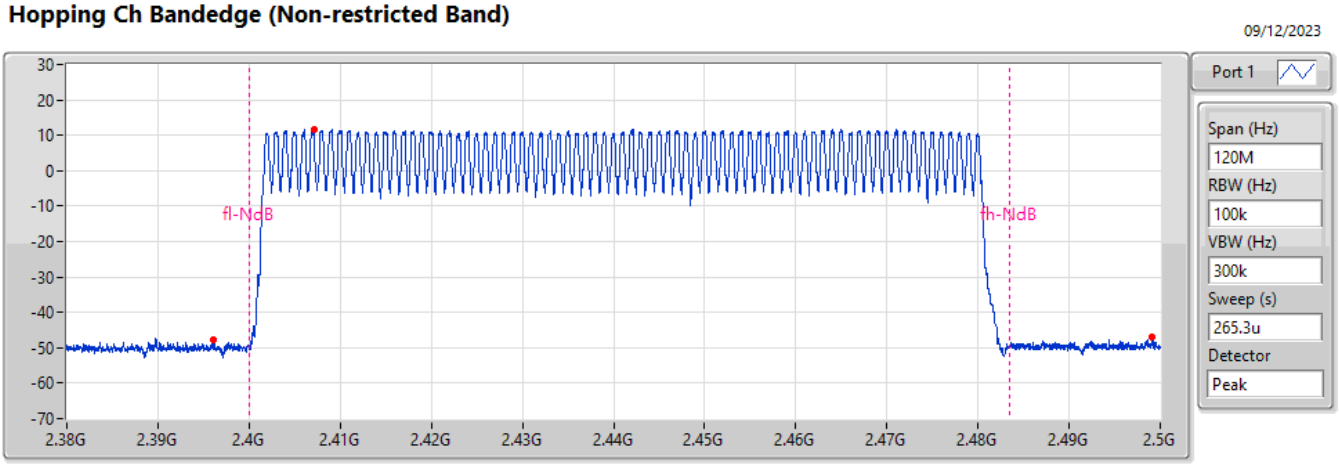


Hopping No	Limit
79	15

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

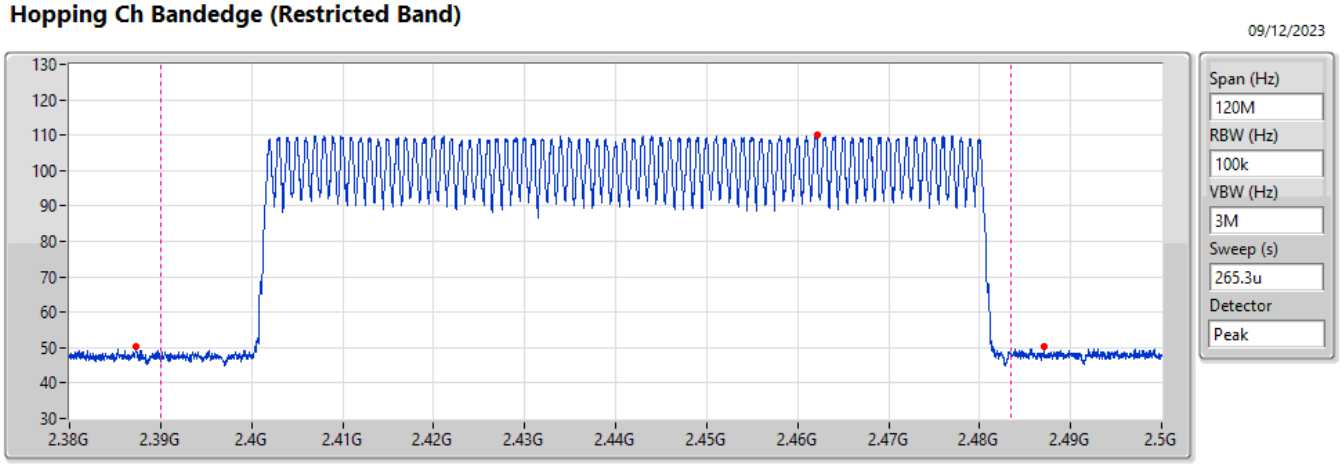


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-8.27	2.40712G	11.73	2.39614G	-47.73	2.49907G	-46.78

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

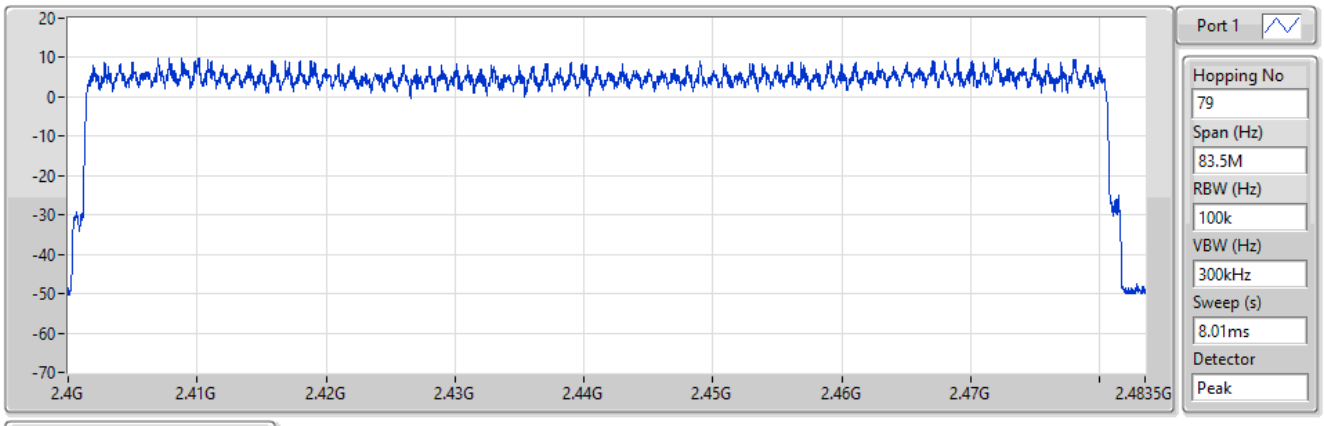
Hopping Ch Bandedge (Restricted Band)



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)
2.462125G	110.14	2.387305G	50.13	20.03	2.48707G	50.35	20.25	74	54	3.125	-30.1

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

2440MHz

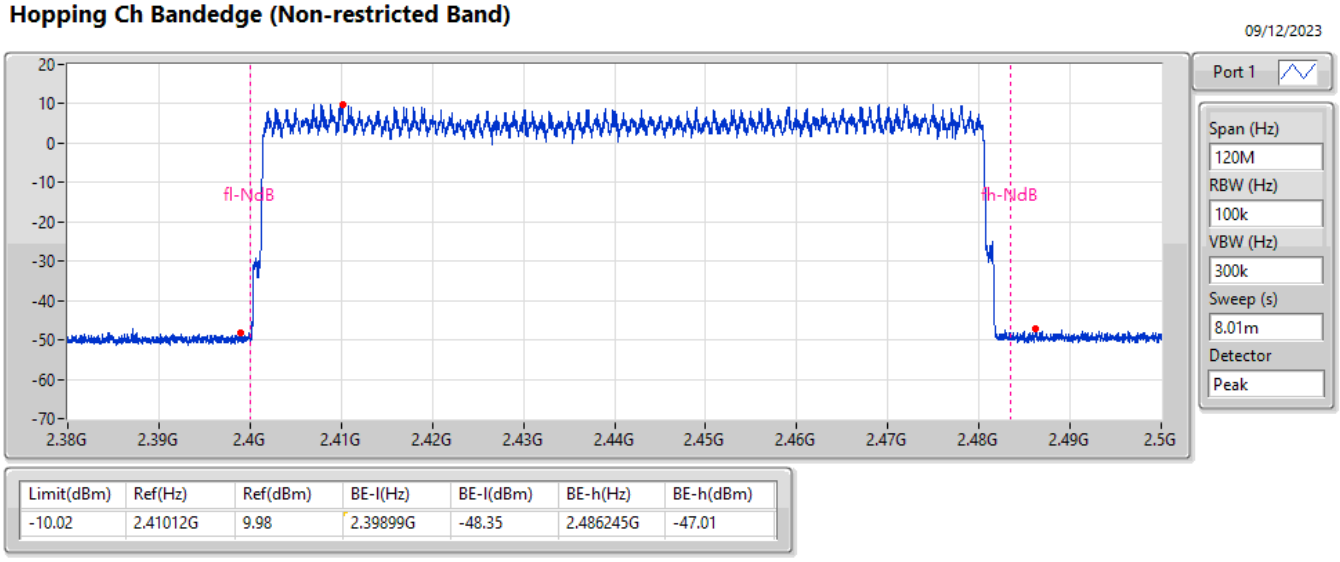


Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

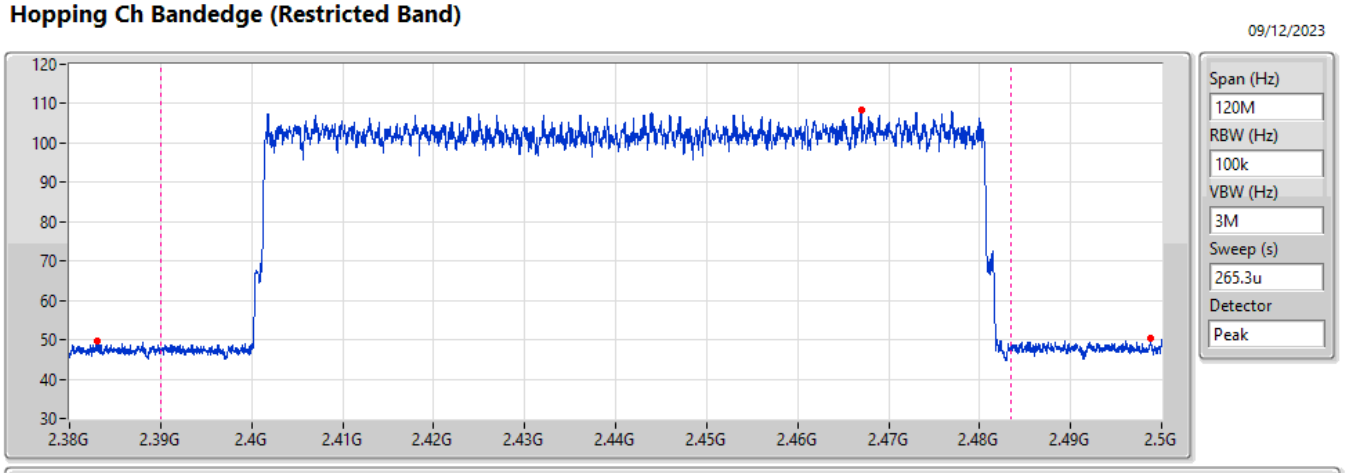


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-10.02	2.41012G	9.98	2.39899G	-48.35	2.486245G	-47.01

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

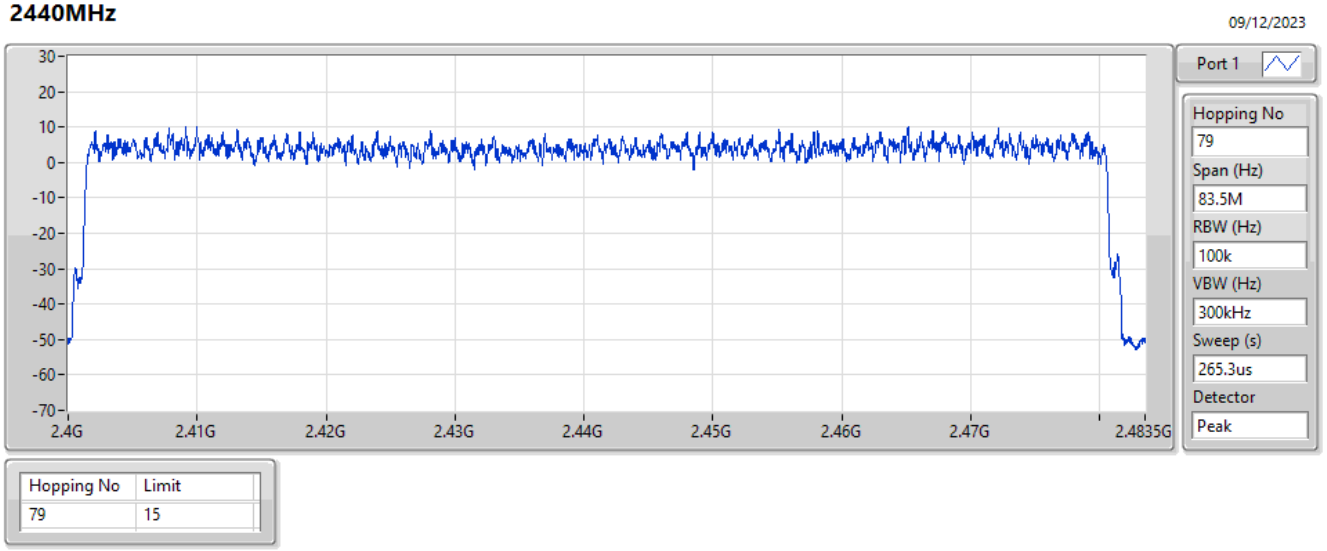
Hopping Ch Bandedge (Restricted Band)



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)
2.46697G	108.31	2.383075G	49.73	19.63	2.498785G	50.3	20.2	74	54	3.125	-30.1

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

2440MHz

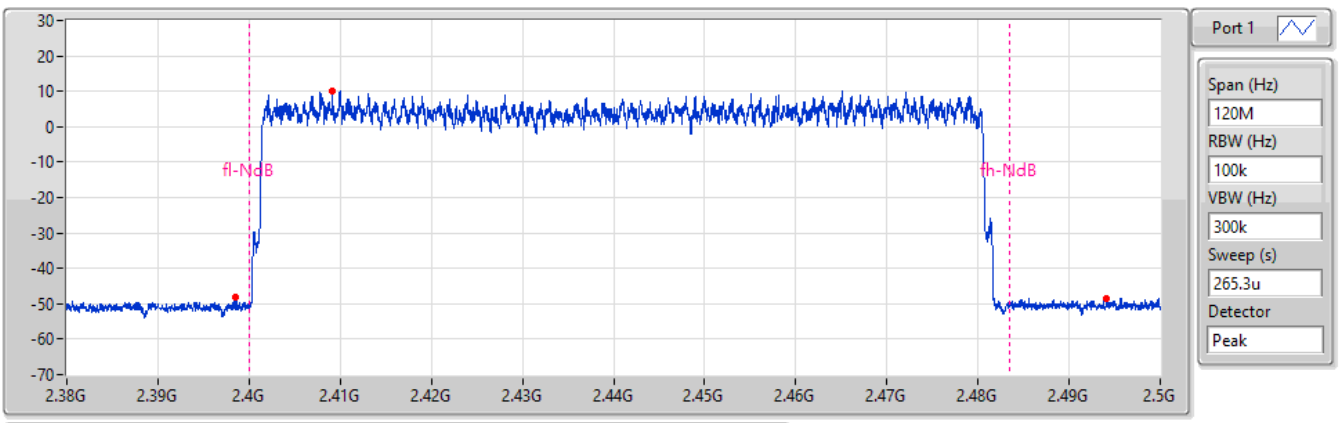


Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

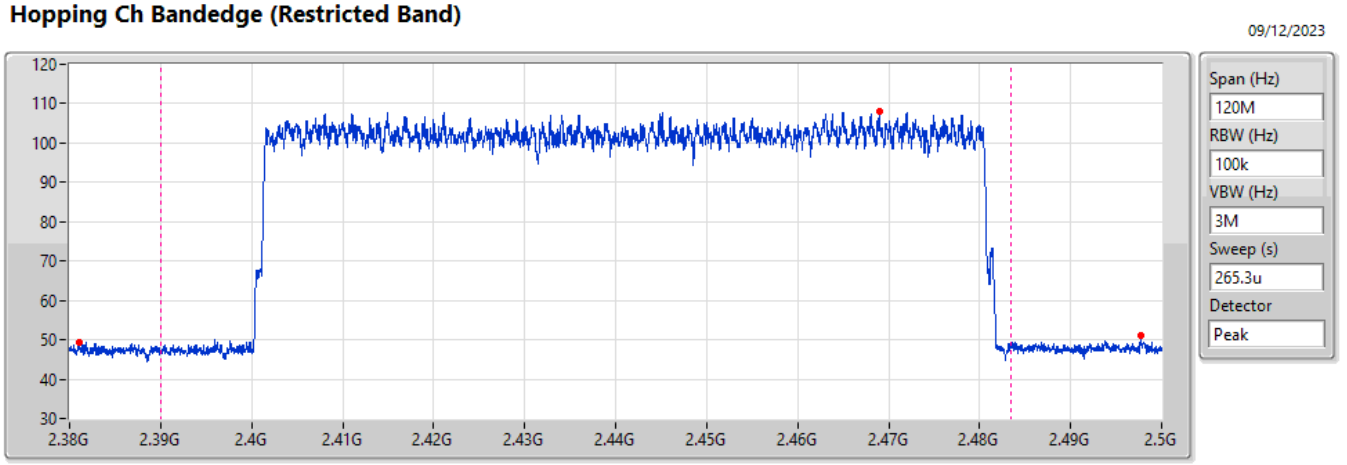


Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-9.93	2.409115G	10.07	2.398555G	-47.96	2.49415G	-48.43

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)
2.46898G	107.94	2.381095G	49.49	19.39	2.497735G	51.02	20.92	74	54	3.125	-30.1

Summary

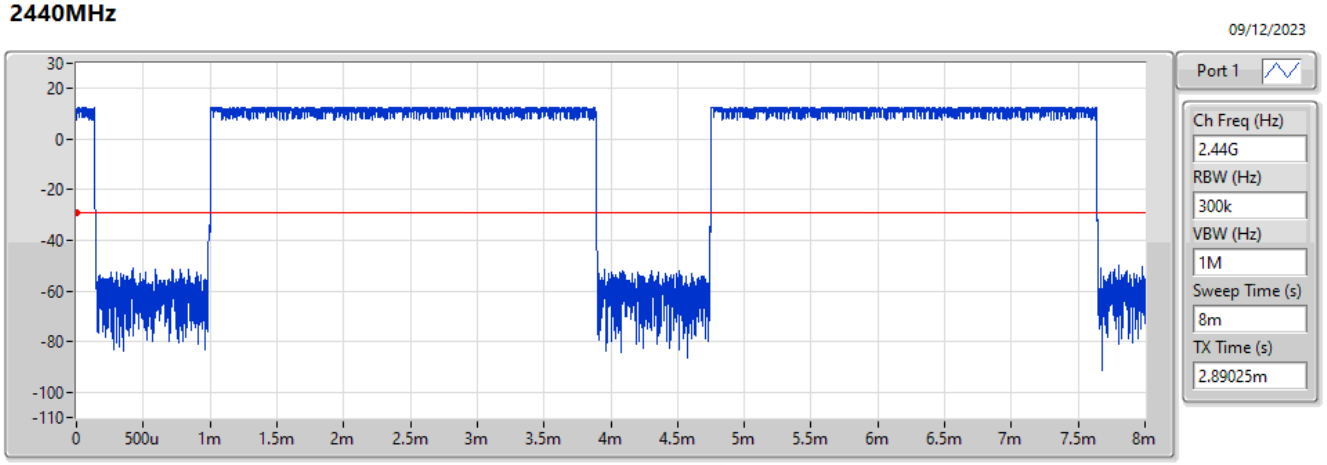
2.4-2.4835GHz	**-**
BT-BR(1Mbps)	308.10065m_DH5
BT-EDR(2Mbps)	308.90015m_DH5
BT-EDR(3Mbps)	309.14m_DH5

Result

Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.10065m_DH5	400m	2.89025m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.90015m_DH5	400m	2.89775m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	309.14m_DH5	400m	2.9m

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

2440MHz

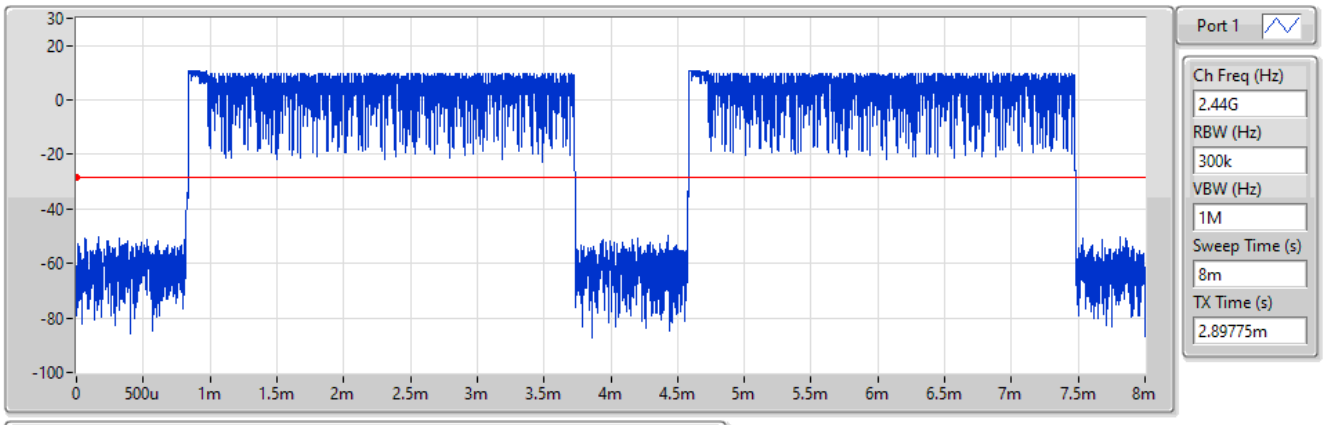


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.10065m_DH5	400m	2.89025m

DH5

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

2440MHz

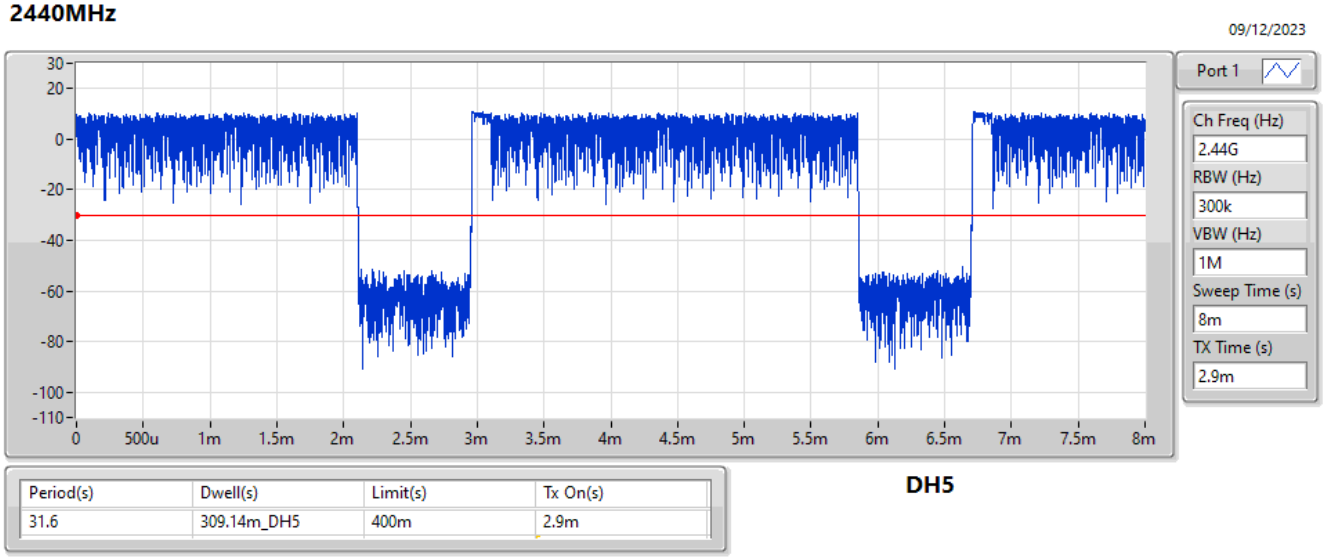


Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.90015m_DH5	400m	2.89775m

DH5

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

2440MHz



Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	309.14m_DH5	400m	2.9m

DH5

Summary

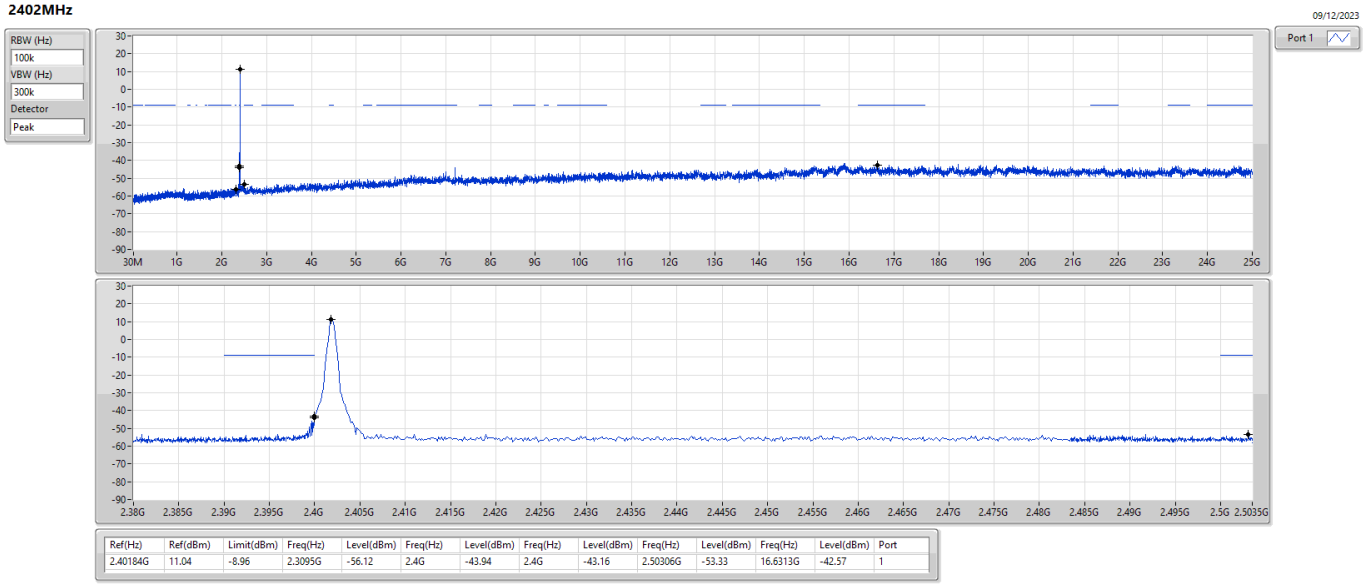
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.40184G	11.04	-8.96	2.3095G	-56.12	2.4G	-43.94	2.4G	-43.16	2.50306G	-53.33	16.6313G	-42.57	1
BT-EDR(2Mbps)	Pass	2.40184G	8.76	-11.24	919.48M	-56.33	2.39992G	-47.25	2.4G	-45.36	2.50298G	-53.64	23.28464G	-42.29	1
BT-EDR(3Mbps)	Pass	2.402G	9.06	-10.94	2.08978G	-55.95	2.39984G	-47.26	2.4G	-44.63	2.50174G	-54.62	23.33245G	-41.99	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	11.04	-8.96	2.3095G	-56.12	2.4G	-43.94	2.4G	-43.16	2.50306G	-53.33	16.6313G	-42.57	1
2440MHz	Pass	2.43975G	10.77	-9.23	1.97815G	-55.92	2.39776G	-54.62	2.4G	-56.52	2.50326G	-54.48	16.99687G	-42.40	1
2480MHz	Pass	2.47999G	10.39	-9.61	2.10623G	-55.63	2.3982G	-54.13	2.4G	-56.59	2.50266G	-53.94	17.62396G	-42.35	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	8.76	-11.24	919.48M	-56.33	2.39992G	-47.25	2.4G	-45.36	2.50298G	-53.64	23.28464G	-42.29	1
2440MHz	Pass	2.44008G	8.54	-11.46	2.11915G	-55.20	2.39884G	-53.31	2.4G	-55.59	2.5015G	-53.39	21.5974G	-42.20	1
2480MHz	Pass	2.47999G	9.05	-10.95	950.03M	-55.85	2.39964G	-53.31	2.4G	-56.39	2.50042G	-53.83	23.24246G	-41.94	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	9.06	-10.94	2.08978G	-55.95	2.39984G	-47.26	2.4G	-44.63	2.50174G	-54.62	23.33245G	-41.99	1
2440MHz	Pass	2.43991G	8.46	-11.54	792.58M	-55.20	2.39204G	-54.41	2.4G	-56.35	2.50162G	-54.30	17.61834G	-42.14	1
2480MHz	Pass	2.48016G	8.48	-11.52	1.90648G	-55.95	2.3952G	-54.89	2.4G	-56.54	2.50198G	-53.72	16.24886G	-40.76	1

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

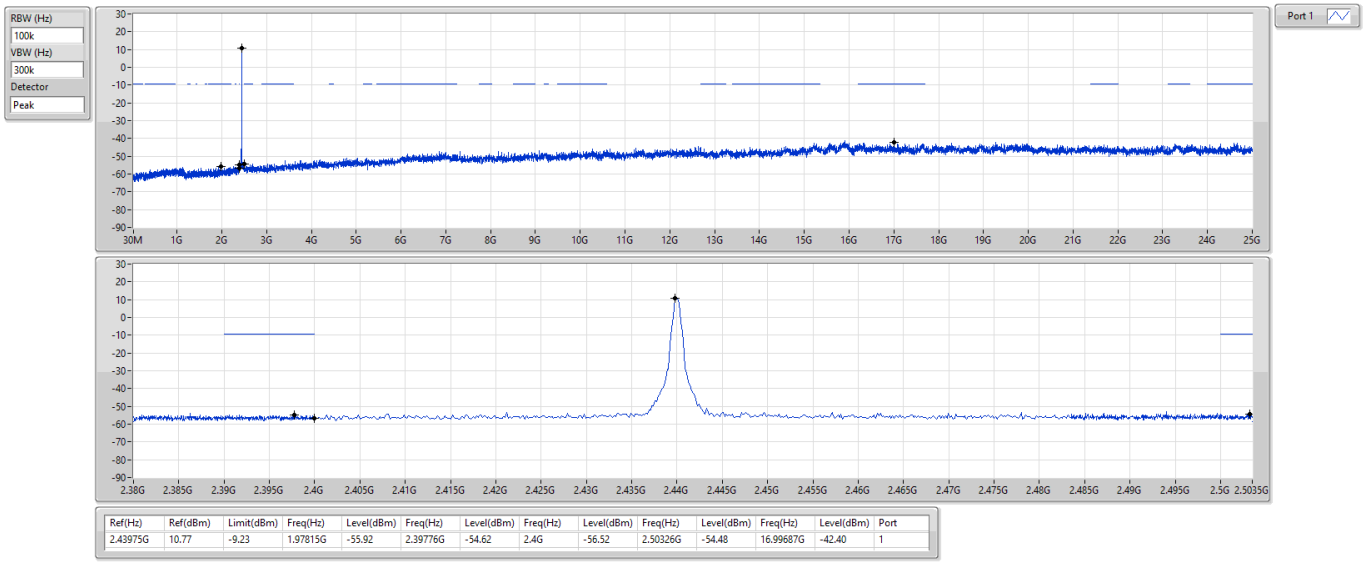
2402MHz



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	11.04	-8.96	2.3095G	-56.12	2.4G	-43.94	2.4G	-43.16	2.50306G	-53.33	16.6313G	-42.57	1

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

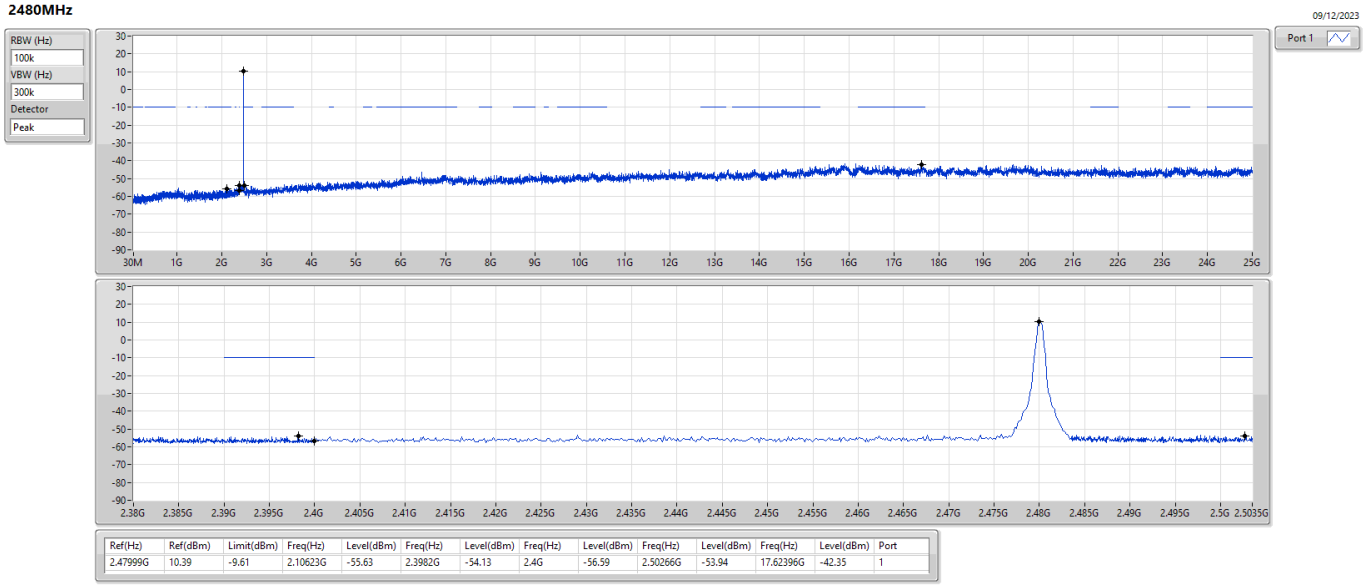
2440MHz



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
2.43975G	10.77	-9.23	1.97815G	-55.92	2.39776G	-54.62	2.4G	-56.52	2.50326G	-54.48	16.99687G	-42.40	1

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

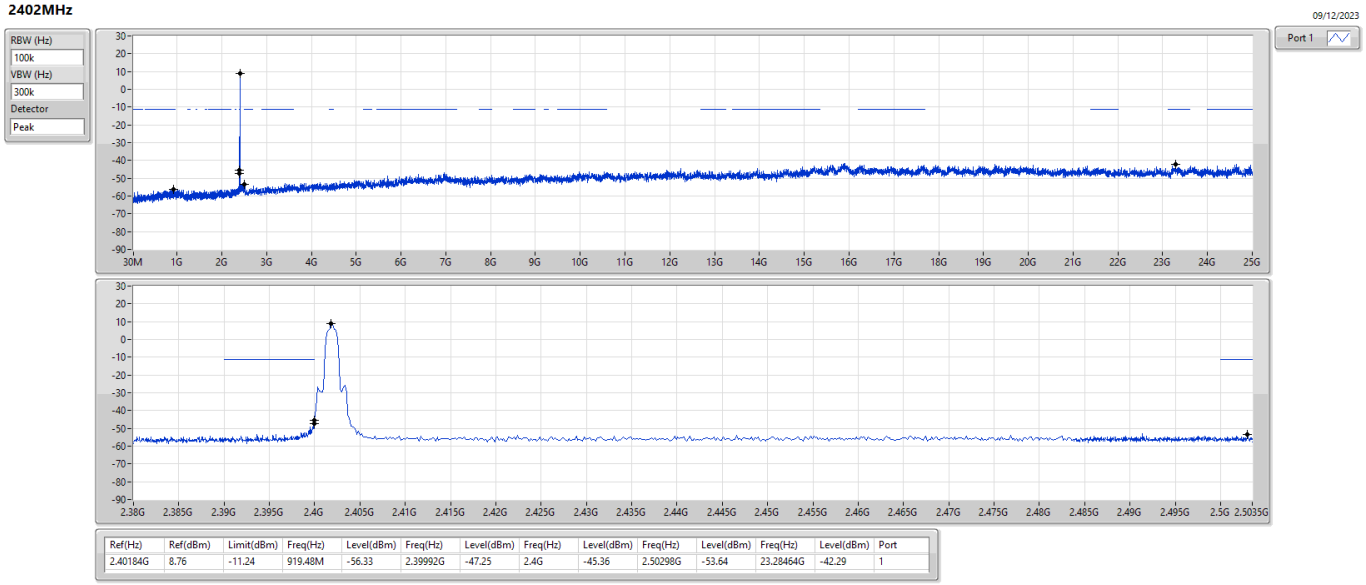
2480MHz



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	10.39	-9.61	2.10623G	-55.63	2.3982G	-54.13	2.4G	-56.59	2.50266G	-53.94	17.62396G	-42.35	1

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

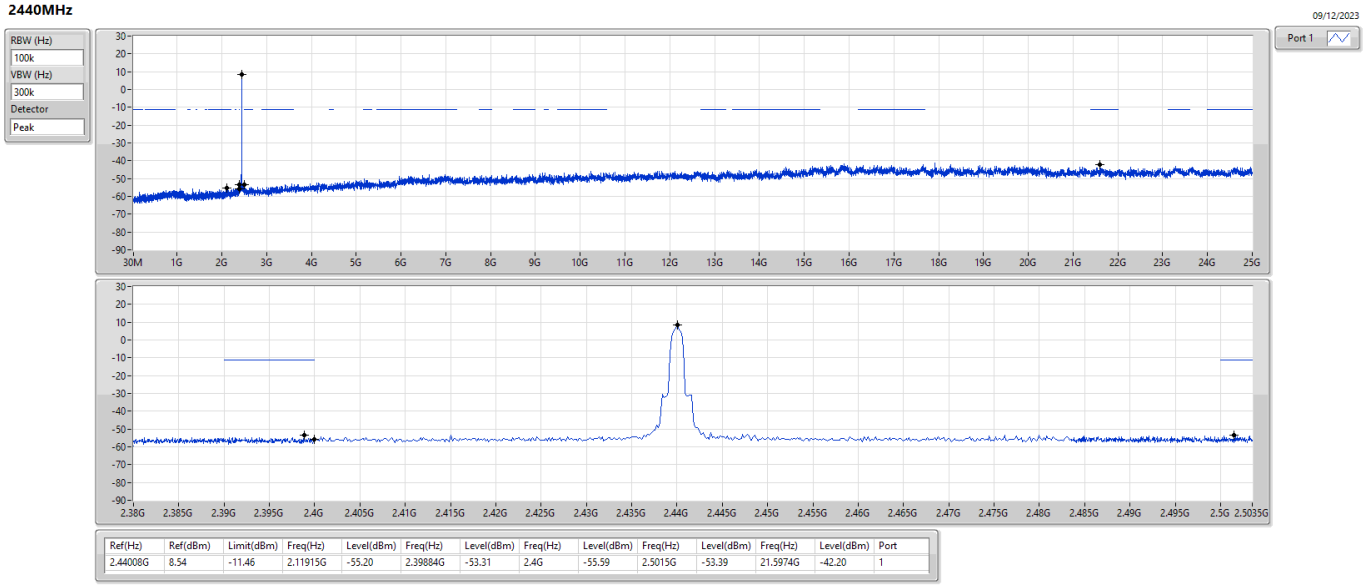
2402MHz



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	8.76	-11.24	919.48M	-56.33	2.39992G	-47.25	2.4G	-45.36	2.50298G	-53.64	23.28464G	-42.29	1

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

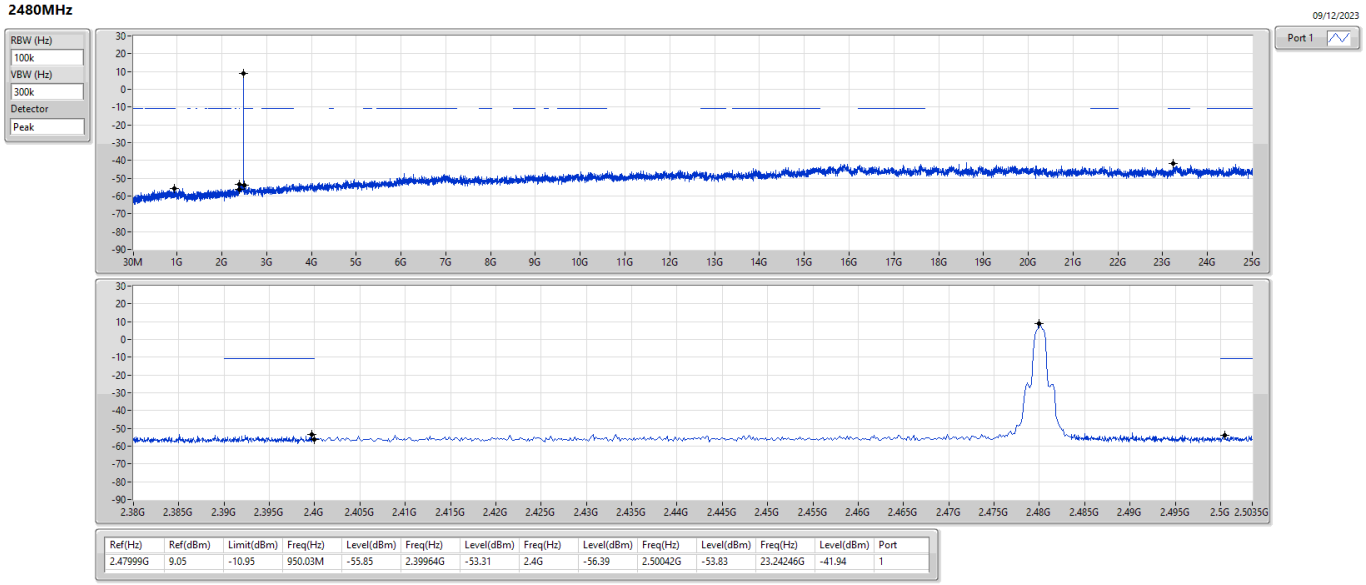
2440MHz



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	8.54	-11.46	2.11915G	-55.20	2.39884G	-53.31	2.4G	-55.59	2.5015G	-53.39	21.5974G	-42.20	1

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

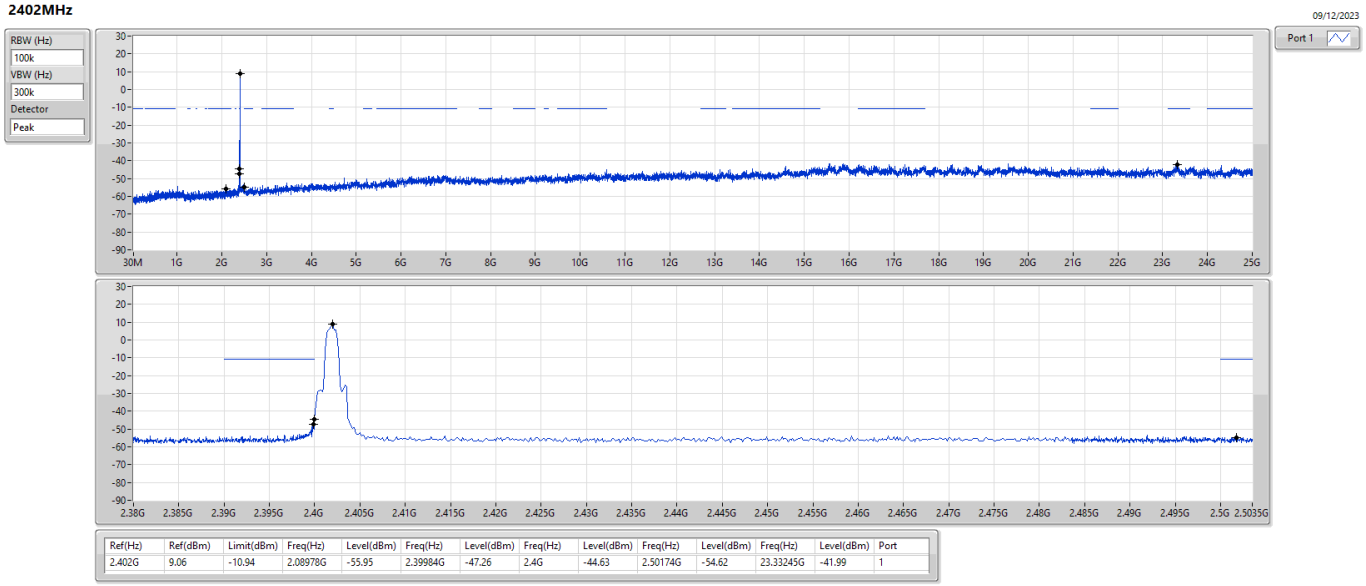
2480MHz



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	9.05	-10.95	950.03M	-55.85	2.39964G	-53.31	2.4G	-56.39	2.50042G	-53.83	23.24246G	-41.94	1

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

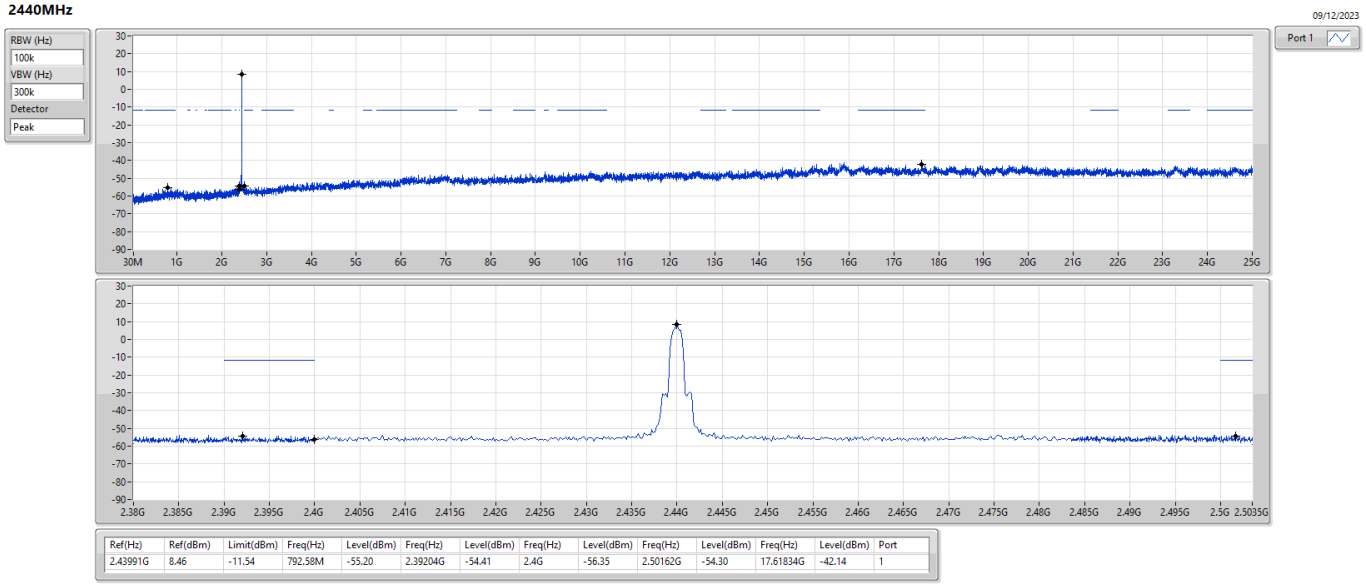
2402MHz



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
2.402G	9.06	-10.94	2.08978G	-55.95	2.39984G	-47.26	2.4G	-44.63	2.50174G	-54.62	23.33245G	-41.99	1

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

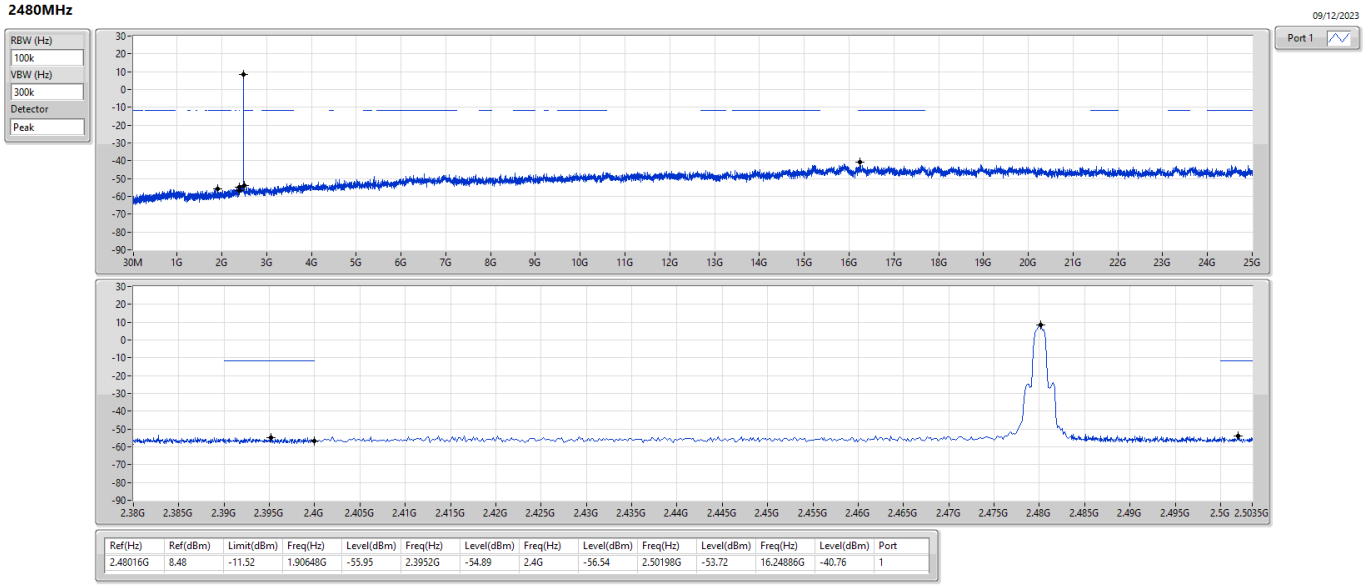
2440MHz



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	8.46	-11.54	792.58M	-55.20	2.39204G	-54.41	2.4G	-56.35	2.50162G	-54.30	17.61834G	-42.14	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	8.48	-11.52	1.90648G	-55.95	2.3952G	-54.89	2.4G	-56.54	2.50198G	-53.72	16.24886G	-40.76	1

Summary

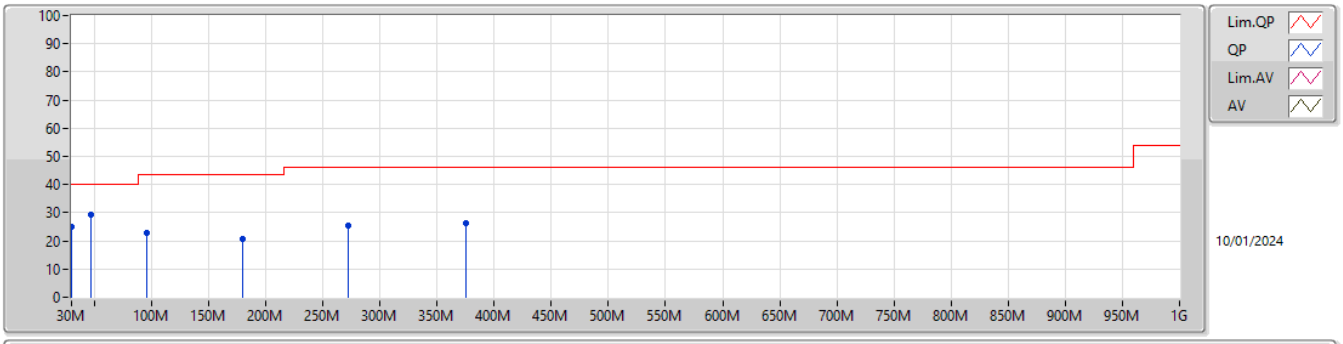
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-EDR(3Mbps)	Pass	PK	47.46M	29.49	40.00	-10.51	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	47.46M	29.49	40.00	-10.51	3	Vertical	0	1.00
2440MHz	Pass	PK	95.96M	22.76	43.50	-20.74	3	Vertical	0	1.00
2440MHz	Pass	PK	179.38M	20.52	43.50	-22.98	3	Vertical	0	1.00
2440MHz	Pass	PK	272.5M	25.55	46.00	-20.45	3	Vertical	0	1.00
2440MHz	Pass	PK	375.32M	26.19	46.00	-19.81	3	Vertical	0	1.00
2440MHz	Pass	QP	30M	24.96	40.00	-15.04	3	Vertical	223	1.18
2440MHz	Pass	PK	31.94M	27.28	40.00	-12.72	3	Horizontal	360	1.00
2440MHz	Pass	PK	90.14M	25.99	43.50	-17.51	3	Horizontal	360	1.00
2440MHz	Pass	PK	272.5M	34.08	46.00	-11.92	3	Horizontal	360	1.00
2440MHz	Pass	PK	301.6M	31.90	46.00	-14.10	3	Horizontal	360	1.00
2440MHz	Pass	PK	340.4M	29.77	46.00	-16.23	3	Horizontal	360	1.00
2440MHz	Pass	PK	371.44M	27.22	46.00	-18.78	3	Horizontal	360	1.00

2.4-2.4835GHz_BT-EDR(3Mbps)

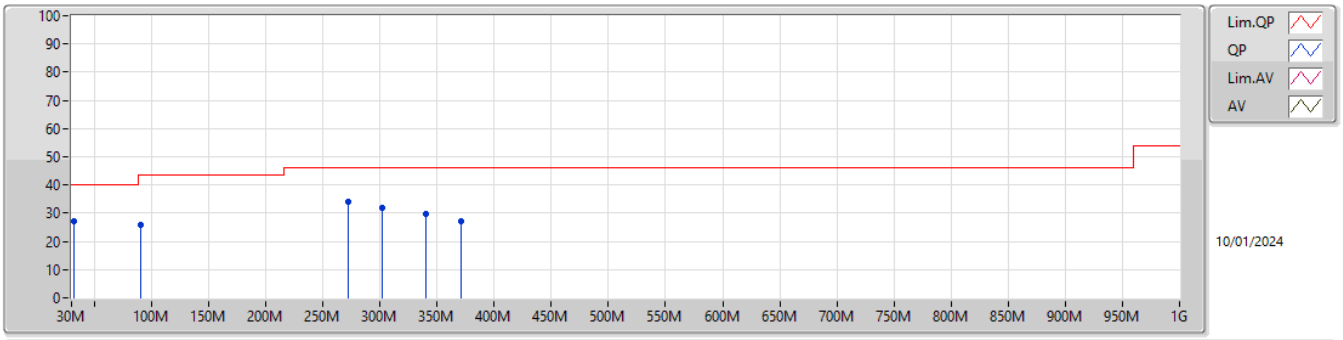
2440MHz_PoE



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	47.46M	29.49	40.00	-10.51	-12.54	3	Vertical	0	1.00	42.03	14.33	0.52	27.39
PK	95.96M	22.76	43.50	-20.74	-11.47	3	Vertical	0	1.00	34.23	15.12	0.73	27.32
PK	179.38M	20.52	43.50	-22.98	-11.64	3	Vertical	0	1.00	32.16	14.38	0.99	27.01
PK	272.5M	25.55	46.00	-20.45	-7.65	3	Vertical	0	1.00	33.20	17.87	1.21	26.73
PK	375.32M	26.19	46.00	-19.81	-5.90	3	Vertical	0	1.00	32.09	19.96	1.43	27.29
QP	30M	24.96	40.00	-15.04	-3.34	3	Vertical	223	1.18	28.30	23.66	0.42	27.42

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_PoE



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	31.94M	27.28	40.00	-12.72	-4.38	3	Horizontal	360	1.00	31.66	22.61	0.43	27.42
PK	90.14M	25.99	43.50	-17.51	-12.48	3	Horizontal	360	1.00	38.47	14.14	0.71	27.33
PK	272.5M	34.08	46.00	-11.92	-7.65	3	Horizontal	360	1.00	41.73	17.87	1.21	26.73
PK	301.6M	31.90	46.00	-14.10	-7.13	3	Horizontal	360	1.00	39.03	18.35	1.28	26.76
PK	340.4M	29.77	46.00	-16.23	-6.60	3	Horizontal	360	1.00	36.37	19.04	1.36	27.00
PK	371.44M	27.22	46.00	-18.78	-5.96	3	Horizontal	360	1.00	33.18	19.87	1.42	27.25

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	2.487G	59.44	74.00	-14.56	3	Horizontal	51	2.69
BT-EDR(3Mbps)	Pass	PK	2.4998G	59.47	74.00	-14.53	3	Vertical	317	1.28

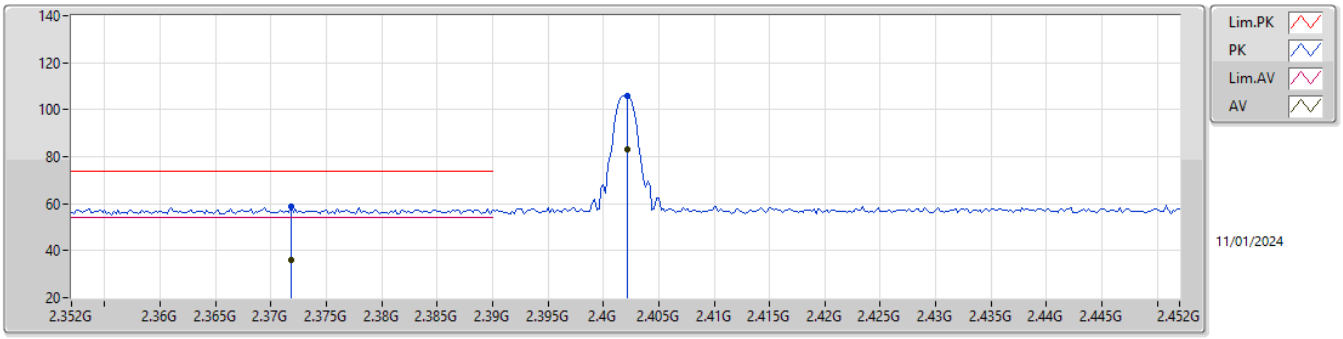
Result

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	2.3718G	36.09	54.00	-17.91	3	Vertical	12	2.58
2402MHz	Pass	AV	2.4022G	83.23	Inf	-Inf	3	Vertical	12	2.58
2402MHz	Pass	PK	2.3718G	58.59	74.00	-15.41	3	Vertical	12	2.58
2402MHz	Pass	PK	2.4022G	105.73	Inf	-Inf	3	Vertical	12	2.58
2402MHz	Pass	AV	2.3794G	35.92	54.00	-18.08	3	Horizontal	57	2.63
2402MHz	Pass	AV	2.4022G	80.87	Inf	-Inf	3	Horizontal	57	2.63
2402MHz	Pass	PK	2.3794G	58.42	74.00	-15.58	3	Horizontal	57	2.63
2402MHz	Pass	PK	2.4022G	103.37	Inf	-Inf	3	Horizontal	57	2.63
2402MHz	Pass	AV	4.80385G	22.21	54.00	-31.79	3	Vertical	8	1.92
2402MHz	Pass	PK	4.80385G	44.71	74.00	-29.29	3	Vertical	8	1.92
2402MHz	Pass	AV	4.80442G	23.42	54.00	-30.58	3	Horizontal	334	1.77
2402MHz	Pass	PK	4.80442G	45.92	74.00	-28.08	3	Horizontal	334	1.77
2440MHz	Pass	AV	2.3784G	35.97	54.00	-18.03	3	Vertical	15	2.86
2440MHz	Pass	AV	2.44G	81.90	Inf	-Inf	3	Vertical	15	2.86
2440MHz	Pass	AV	2.4996G	35.85	54.00	-18.15	3	Vertical	15	2.86
2440MHz	Pass	PK	2.3784G	58.47	74.00	-15.53	3	Vertical	15	2.86
2440MHz	Pass	PK	2.44G	104.40	Inf	-Inf	3	Vertical	15	2.86
2440MHz	Pass	PK	2.4996G	58.35	74.00	-15.65	3	Vertical	15	2.86
2440MHz	Pass	AV	2.3576G	36.11	54.00	-17.89	3	Horizontal	49	2.85
2440MHz	Pass	AV	2.44G	80.92	Inf	-Inf	3	Horizontal	49	2.85
2440MHz	Pass	AV	2.4956G	36.36	54.00	-17.64	3	Horizontal	49	2.85
2440MHz	Pass	PK	2.3576G	58.61	74.00	-15.39	3	Horizontal	49	2.85
2440MHz	Pass	PK	2.44G	103.42	Inf	-Inf	3	Horizontal	49	2.85
2440MHz	Pass	PK	2.4956G	58.86	74.00	-15.14	3	Horizontal	49	2.85
2440MHz	Pass	AV	4.87956G	22.59	54.00	-31.41	3	Vertical	0	1.89
2440MHz	Pass	AV	7.31775G	25.88	54.00	-28.12	3	Vertical	201	2.71
2440MHz	Pass	PK	4.87956G	45.09	74.00	-28.91	3	Vertical	0	1.89
2440MHz	Pass	PK	7.31775G	48.38	74.00	-25.62	3	Vertical	201	2.71
2440MHz	Pass	AV	4.87986G	24.01	54.00	-29.99	3	Horizontal	330	1.76
2440MHz	Pass	AV	7.32187G	26.93	54.00	-27.07	3	Horizontal	360	1.71
2440MHz	Pass	PK	4.87986G	46.51	74.00	-27.49	3	Horizontal	330	1.76
2440MHz	Pass	PK	7.32187G	49.43	74.00	-24.57	3	Horizontal	360	1.71
2480MHz	Pass	AV	2.4798G	78.64	Inf	-Inf	3	Vertical	317	1.30
2480MHz	Pass	AV	2.4848G	36.46	54.00	-17.54	3	Vertical	317	1.30
2480MHz	Pass	PK	2.4798G	101.14	Inf	-Inf	3	Vertical	317	1.30
2480MHz	Pass	PK	2.4848G	58.96	74.00	-15.04	3	Vertical	317	1.30
2480MHz	Pass	AV	2.4798G	81.46	Inf	-Inf	3	Horizontal	51	2.69
2480MHz	Pass	AV	2.487G	36.94	54.00	-17.06	3	Horizontal	51	2.69
2480MHz	Pass	PK	2.4798G	103.96	Inf	-Inf	3	Horizontal	51	2.69
2480MHz	Pass	PK	2.487G	59.44	74.00	-14.56	3	Horizontal	51	2.69
2480MHz	Pass	AV	4.95967G	23.45	54.00	-30.55	3	Vertical	346	1.92
2480MHz	Pass	AV	7.44249G	24.96	54.00	-29.04	3	Vertical	290	2.86
2480MHz	Pass	PK	4.95967G	45.95	74.00	-28.05	3	Vertical	346	1.92
2480MHz	Pass	PK	7.44249G	47.46	74.00	-26.54	3	Vertical	290	2.86
2480MHz	Pass	AV	4.96022G	24.91	54.00	-29.09	3	Horizontal	328	1.50
2480MHz	Pass	AV	7.43988G	26.29	54.00	-27.71	3	Horizontal	132	1.62
2480MHz	Pass	PK	4.96022G	47.41	74.00	-26.59	3	Horizontal	328	1.50
2480MHz	Pass	PK	7.43988G	48.79	74.00	-25.21	3	Horizontal	132	1.62
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3568G	35.82	54.00	-18.18	3	Vertical	13	2.57
2402MHz	Pass	AV	2.402G	81.88	Inf	-Inf	3	Vertical	13	2.57
2402MHz	Pass	PK	2.3568G	58.32	74.00	-15.68	3	Vertical	13	2.57
2402MHz	Pass	PK	2.402G	104.38	Inf	-Inf	3	Vertical	13	2.57
2402MHz	Pass	AV	2.371G	35.55	54.00	-18.45	3	Horizontal	57	2.64
2402MHz	Pass	AV	2.402G	79.69	Inf	-Inf	3	Horizontal	57	2.64
2402MHz	Pass	PK	2.371G	58.05	74.00	-15.95	3	Horizontal	57	2.64
2402MHz	Pass	PK	2.402G	102.19	Inf	-Inf	3	Horizontal	57	2.64
2402MHz	Pass	AV	4.80391G	21.37	54.00	-32.63	3	Vertical	1	1.93
2402MHz	Pass	PK	4.80391G	43.87	74.00	-30.13	3	Vertical	1	1.93
2402MHz	Pass	AV	4.80344G	22.11	54.00	-31.89	3	Horizontal	304	1.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2402MHz	Pass	PK	4.80344G	44.61	74.00	-29.39	3	Horizontal	304	1.00
2440MHz	Pass	AV	2.3572G	35.82	54.00	-18.18	3	Vertical	13	2.86
2440MHz	Pass	AV	2.44G	80.46	Inf	-Inf	3	Vertical	13	2.86
2440MHz	Pass	AV	2.4835G	36.76	54.00	-17.24	3	Vertical	13	2.86
2440MHz	Pass	PK	2.3572G	58.32	74.00	-15.68	3	Vertical	13	2.86
2440MHz	Pass	PK	2.44G	102.96	Inf	-Inf	3	Vertical	13	2.86
2440MHz	Pass	PK	2.4835G	59.26	74.00	-14.74	3	Vertical	13	2.86
2440MHz	Pass	AV	2.3428G	35.80	54.00	-18.20	3	Horizontal	51	2.85
2440MHz	Pass	AV	2.44G	79.30	Inf	-Inf	3	Horizontal	51	2.85
2440MHz	Pass	AV	2.4984G	36.11	54.00	-17.89	3	Horizontal	51	2.85
2440MHz	Pass	PK	2.3428G	58.30	74.00	-15.70	3	Horizontal	51	2.85
2440MHz	Pass	PK	2.44G	101.80	Inf	-Inf	3	Horizontal	51	2.85
2440MHz	Pass	PK	2.4984G	58.61	74.00	-15.39	3	Horizontal	51	2.85
2440MHz	Pass	AV	4.87954G	21.95	54.00	-32.05	3	Vertical	0	1.85
2440MHz	Pass	AV	7.31768G	26.08	54.00	-27.92	3	Vertical	336	2.50
2440MHz	Pass	PK	4.87954G	44.45	74.00	-29.55	3	Vertical	0	1.85
2440MHz	Pass	PK	7.31768G	48.58	74.00	-25.42	3	Vertical	336	2.50
2440MHz	Pass	AV	4.8802G	22.83	54.00	-31.17	3	Horizontal	331	1.92
2440MHz	Pass	AV	7.32153G	27.07	54.00	-26.93	3	Horizontal	120	1.46
2440MHz	Pass	PK	4.8802G	45.33	74.00	-28.67	3	Horizontal	331	1.92
2440MHz	Pass	PK	7.32153G	49.57	74.00	-24.43	3	Horizontal	120	1.46
2480MHz	Pass	AV	2.4798G	77.49	Inf	-Inf	3	Vertical	317	1.28
2480MHz	Pass	AV	2.4998G	36.97	54.00	-17.03	3	Vertical	317	1.28
2480MHz	Pass	PK	2.4798G	99.99	Inf	-Inf	3	Vertical	317	1.28
2480MHz	Pass	PK	2.4998G	59.47	74.00	-14.53	3	Vertical	317	1.28
2480MHz	Pass	AV	2.4798G	80.27	Inf	-Inf	3	Horizontal	52	2.69
2480MHz	Pass	AV	2.4902G	36.83	54.00	-17.17	3	Horizontal	52	2.69
2480MHz	Pass	PK	2.4798G	102.77	Inf	-Inf	3	Horizontal	52	2.69
2480MHz	Pass	PK	2.4902G	59.33	74.00	-14.67	3	Horizontal	52	2.69
2480MHz	Pass	AV	4.9592G	23.78	54.00	-30.22	3	Vertical	345	1.92
2480MHz	Pass	AV	7.44059G	25.48	54.00	-28.52	3	Vertical	82	1.15
2480MHz	Pass	PK	4.9592G	46.28	74.00	-27.72	3	Vertical	345	1.92
2480MHz	Pass	PK	7.44059G	47.98	74.00	-26.02	3	Vertical	82	1.15
2480MHz	Pass	AV	4.96008G	24.64	54.00	-29.36	3	Horizontal	328	1.50
2480MHz	Pass	AV	7.44105G	25.60	54.00	-28.40	3	Horizontal	236	1.05
2480MHz	Pass	PK	4.96008G	47.14	74.00	-26.86	3	Horizontal	328	1.50
2480MHz	Pass	PK	7.44105G	48.10	74.00	-25.90	3	Horizontal	236	1.05

2.4-2.4835GHz_BT-BR(1Mbps)

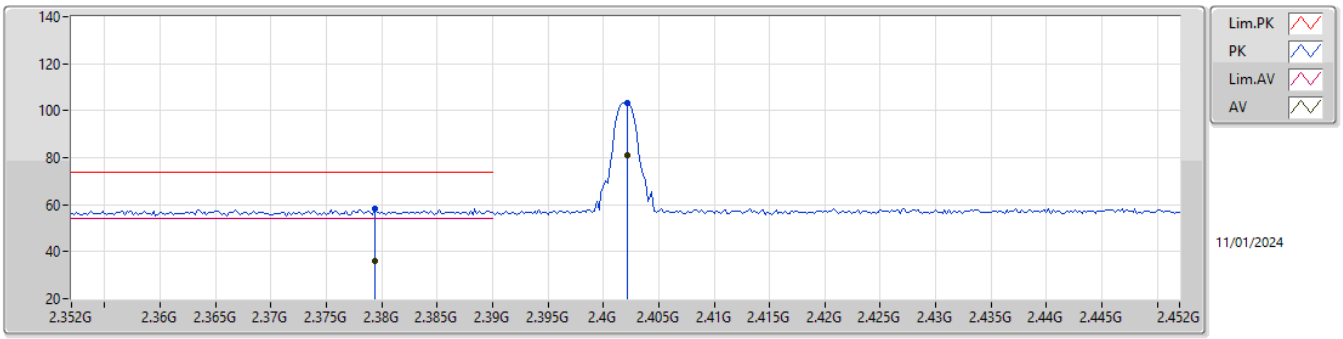
2402MHz_TX



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	2.3718G	36.09	54.00	-17.91	31.12	3	Vertical	12	2.58	4.97	27.50	3.62	-
AV	2.4022G	83.23	Inf	-Inf	31.34	3	Vertical	12	2.58	51.89	27.70	3.64	-
PK	2.3718G	58.59	74.00	-15.41	31.12	3	Vertical	12	2.58	27.47	27.50	3.62	-
PK	2.4022G	105.73	Inf	-Inf	31.34	3	Vertical	12	2.58	74.39	27.70	3.64	-

2.4-2.4835GHz_BT-BR(1Mbps)

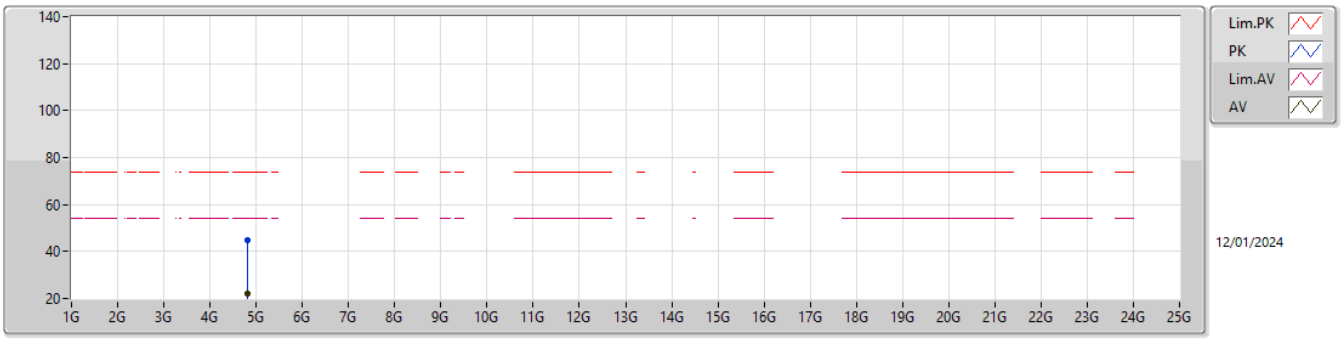
2402MHz_TX



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	2.3794G	35.92	54.00	-18.08	31.13	3	Horizontal	57	2.63	4.79	27.50	3.63	-
AV	2.4022G	80.87	Inf	-Inf	31.34	3	Horizontal	57	2.63	49.53	27.70	3.64	-
PK	2.3794G	58.42	74.00	-15.58	31.13	3	Horizontal	57	2.63	27.29	27.50	3.63	-
PK	2.4022G	103.37	Inf	-Inf	31.34	3	Horizontal	57	2.63	72.03	27.70	3.64	-

2.4-2.4835GHz_BT-BR(1Mbps)

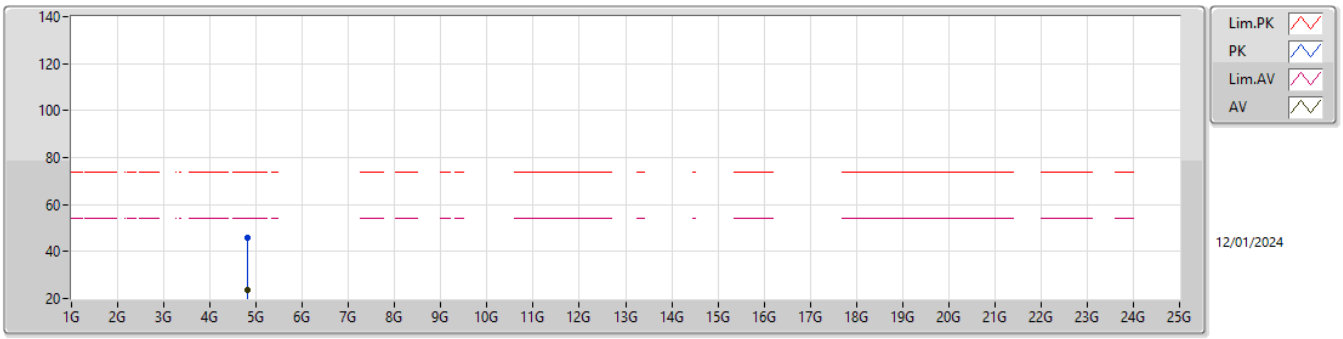
2402MHz_TX



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	4.80385G	22.21	54.00	-31.79	0.39	3	Vertical	8	1.92	21.82	32.52	5.29	37.42
PK	4.80385G	44.71	74.00	-29.29	0.39	3	Vertical	8	1.92	44.32	32.52	5.29	37.42

2.4-2.4835GHz_BT-BR(1Mbps)

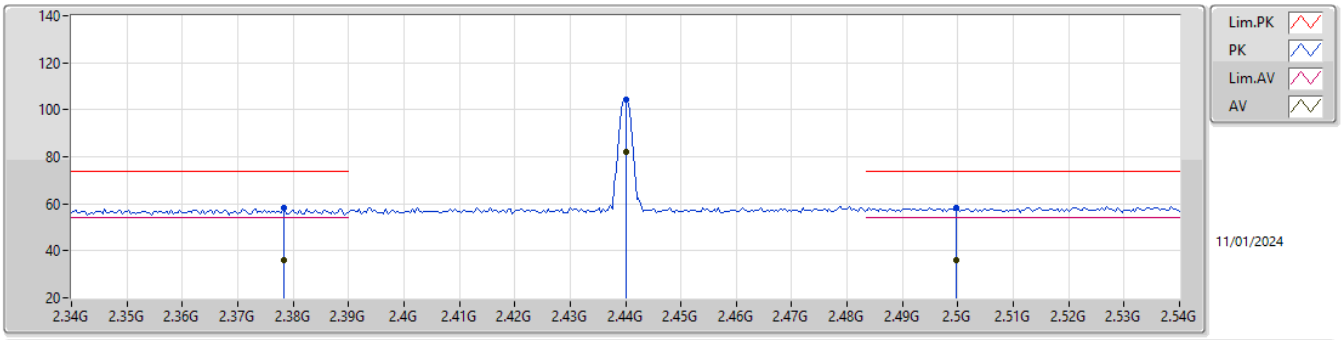
2402MHz_TX



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	4.80442G	23.42	54.00	-30.58	0.40	3	Horizontal	334	1.77	23.02	32.53	5.29	37.42
PK	4.80442G	45.92	74.00	-28.08	0.40	3	Horizontal	334	1.77	45.52	32.53	5.29	37.42

2.4-2.4835GHz_BT-BR(1Mbps)

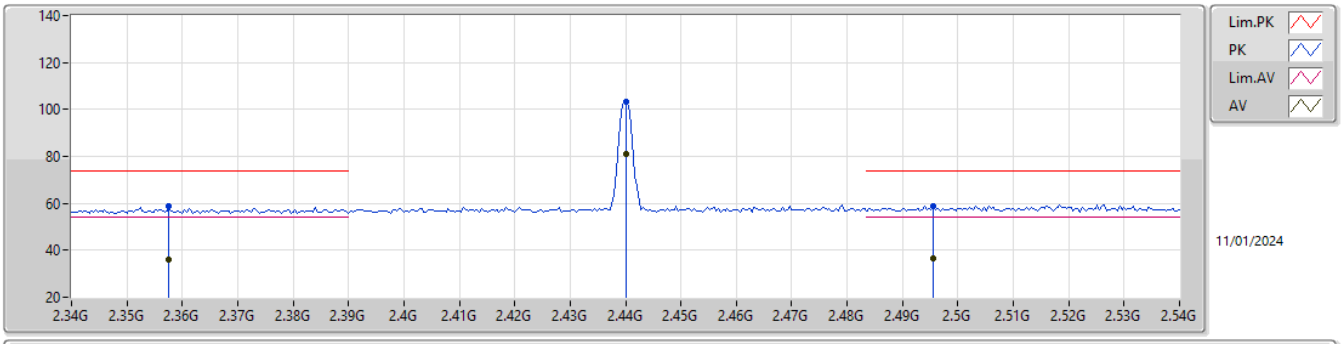
2440MHz_TX



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	2.3784G	35.97	54.00	-18.03	31.12	3	Vertical	15	2.86	4.85	27.50	3.62	-
AV	2.44G	81.90	Inf	-Inf	31.37	3	Vertical	15	2.86	50.53	27.70	3.67	-
AV	2.4996G	35.85	54.00	-18.15	31.52	3	Vertical	15	2.86	4.33	27.80	3.72	-
PK	2.3784G	58.47	74.00	-15.53	31.12	3	Vertical	15	2.86	27.35	27.50	3.62	-
PK	2.44G	104.40	Inf	-Inf	31.37	3	Vertical	15	2.86	73.03	27.70	3.67	-
PK	2.4996G	58.35	74.00	-15.65	31.52	3	Vertical	15	2.86	26.83	27.80	3.72	-

2.4-2.4835GHz_BT-BR(1Mbps)

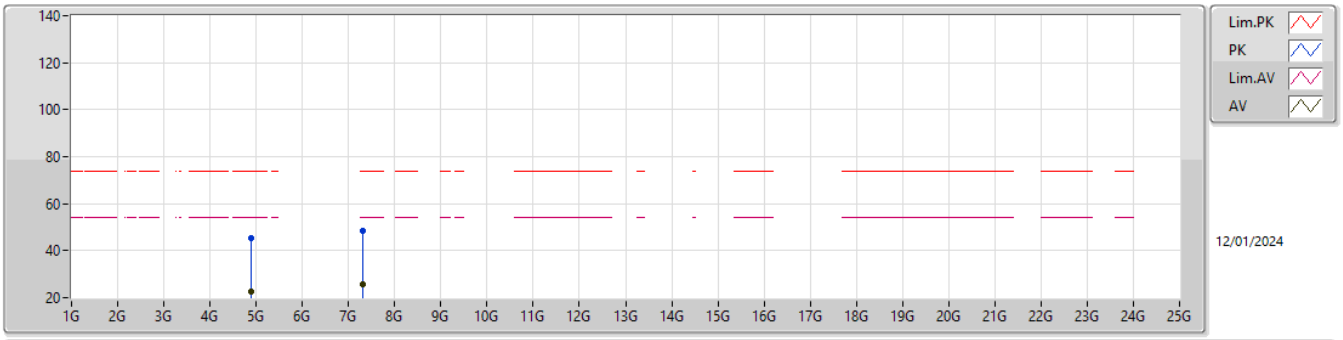
2440MHz_TX



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	2.3576G	36.11	54.00	-17.89	31.01	3	Horizontal	49	2.85	5.10	27.40	3.61	-
AV	2.44G	80.92	Inf	-Inf	31.37	3	Horizontal	49	2.85	49.55	27.70	3.67	-
AV	2.4956G	36.36	54.00	-17.64	31.52	3	Horizontal	49	2.85	4.84	27.80	3.72	-
PK	2.3576G	58.61	74.00	-15.39	31.01	3	Horizontal	49	2.85	27.60	27.40	3.61	-
PK	2.44G	103.42	Inf	-Inf	31.37	3	Horizontal	49	2.85	72.05	27.70	3.67	-
PK	2.4956G	58.86	74.00	-15.14	31.52	3	Horizontal	49	2.85	27.34	27.80	3.72	-

2.4-2.4835GHz_BT-BR(1Mbps)

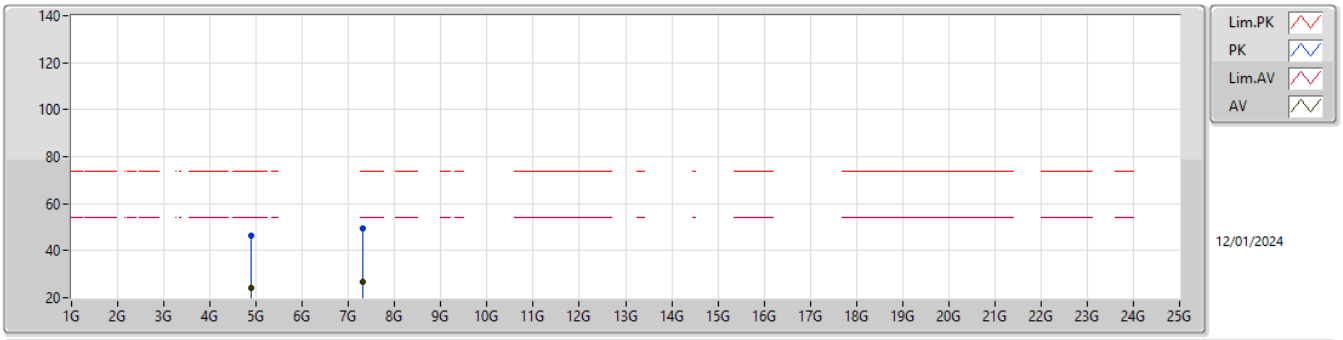
2440MHz_TX



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	4.87956G	22.59	54.00	-31.41	0.80	3	Vertical	0	1.89	21.79	32.80	5.33	37.33
AV	7.31775G	25.88	54.00	-28.12	7.28	3	Vertical	201	2.71	18.60	37.23	6.59	36.54
PK	4.87956G	45.09	74.00	-28.91	0.80	3	Vertical	0	1.89	44.29	32.80	5.33	37.33
PK	7.31775G	48.38	74.00	-25.62	7.28	3	Vertical	201	2.71	41.10	37.23	6.59	36.54

2.4-2.4835GHz_BT-BR(1Mbps)

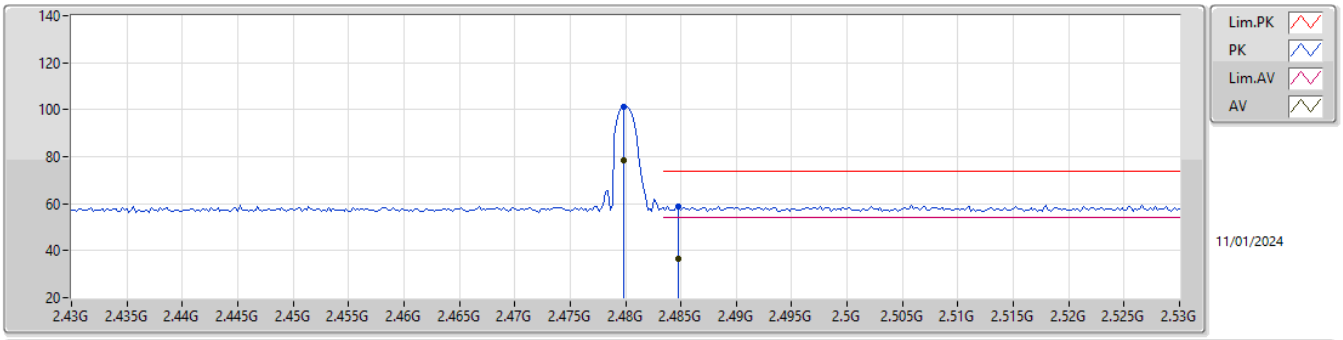
2440MHz_TX



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	4.87986G	24.01	54.00	-29.99	0.80	3	Horizontal	330	1.76	23.21	32.80	5.33	37.33
AV	7.32187G	26.93	54.00	-27.07	7.27	3	Horizontal	360	1.71	19.66	37.21	6.60	36.54
PK	4.87986G	46.51	74.00	-27.49	0.80	3	Horizontal	330	1.76	45.71	32.80	5.33	37.33
PK	7.32187G	49.43	74.00	-24.57	7.27	3	Horizontal	360	1.71	42.16	37.21	6.60	36.54

2.4-2.4835GHz_BT-BR(1Mbps)

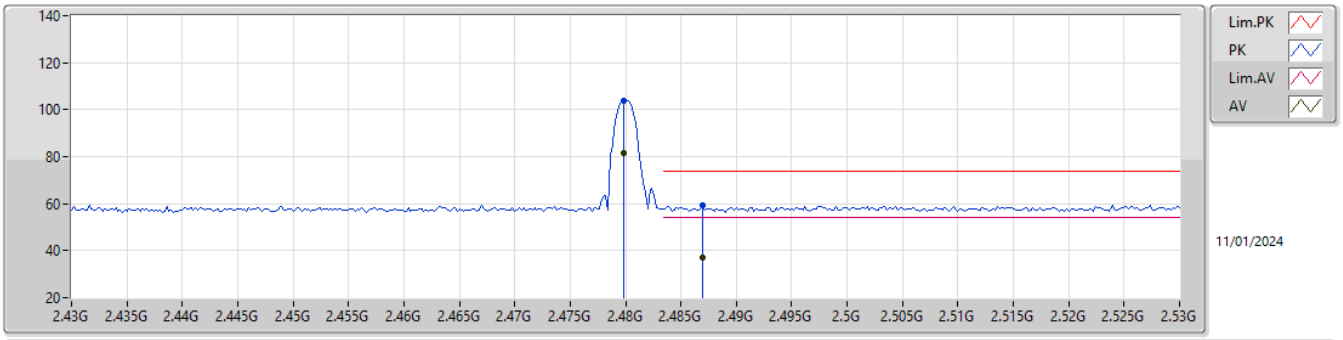
2480MHz_TX



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	78.64	Inf	-Inf	31.50	3	Vertical	317	1.30	47.14	27.80	3.70	-
AV	2.4848G	36.46	54.00	-17.54	31.51	3	Vertical	317	1.30	4.95	27.80	3.71	-
PK	2.4798G	101.14	Inf	-Inf	31.50	3	Vertical	317	1.30	69.64	27.80	3.70	-
PK	2.4848G	58.96	74.00	-15.04	31.51	3	Vertical	317	1.30	27.45	27.80	3.71	-

2.4-2.4835GHz_BT-BR(1Mbps)

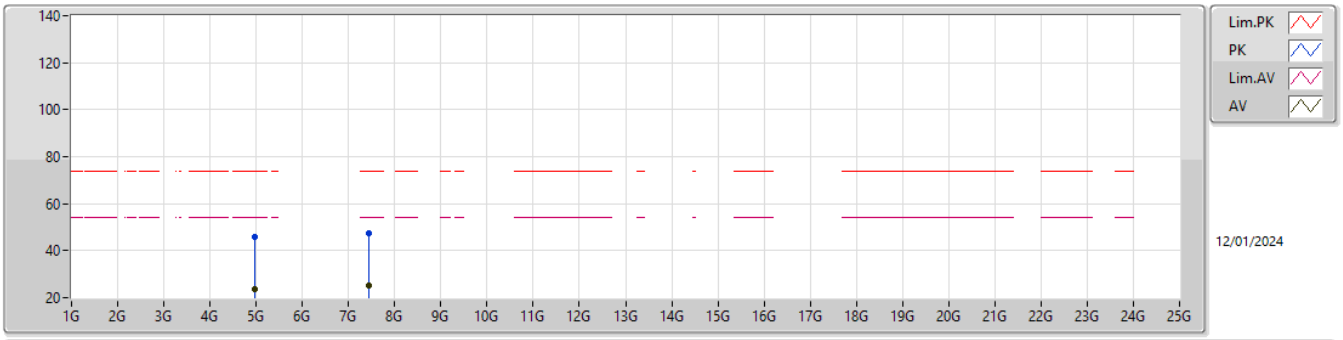
2480MHz_TX



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	81.46	Inf	-Inf	31.50	3	Horizontal	51	2.69	49.96	27.80	3.70	-
AV	2.487G	36.94	54.00	-17.06	31.51	3	Horizontal	51	2.69	5.43	27.80	3.71	-
PK	2.4798G	103.96	Inf	-Inf	31.50	3	Horizontal	51	2.69	72.46	27.80	3.70	-
PK	2.487G	59.44	74.00	-14.56	31.51	3	Horizontal	51	2.69	27.93	27.80	3.71	-

2.4-2.4835GHz_BT-BR(1Mbps)

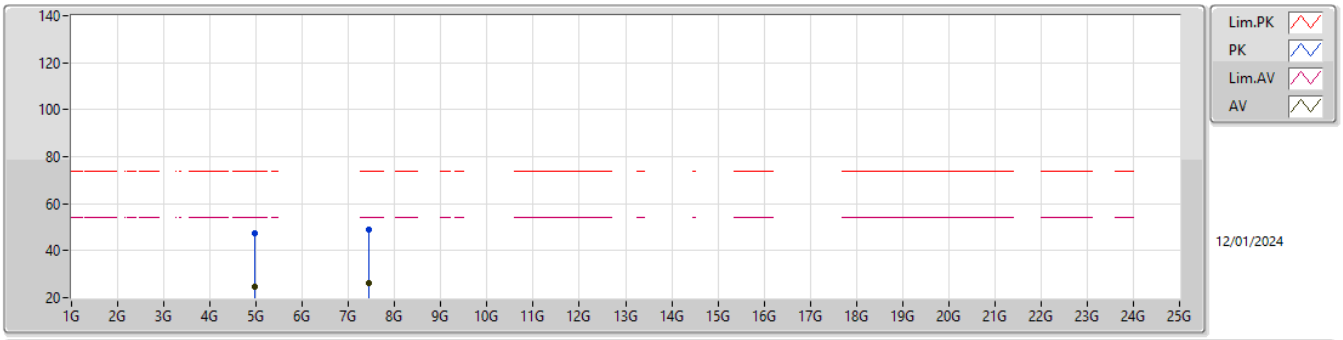
2480MHz_TX



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	4.95967G	23.45	54.00	-30.55	1.27	3	Vertical	346	1.92	22.18	33.16	5.36	37.25
AV	7.44249G	24.96	54.00	-29.04	6.93	3	Vertical	290	2.86	18.03	36.72	6.72	36.51
PK	4.95967G	45.95	74.00	-28.05	1.27	3	Vertical	346	1.92	44.68	33.16	5.36	37.25
PK	7.44249G	47.46	74.00	-26.54	6.93	3	Vertical	290	2.86	40.53	36.72	6.72	36.51

2.4-2.4835GHz_BT-BR(1Mbps)

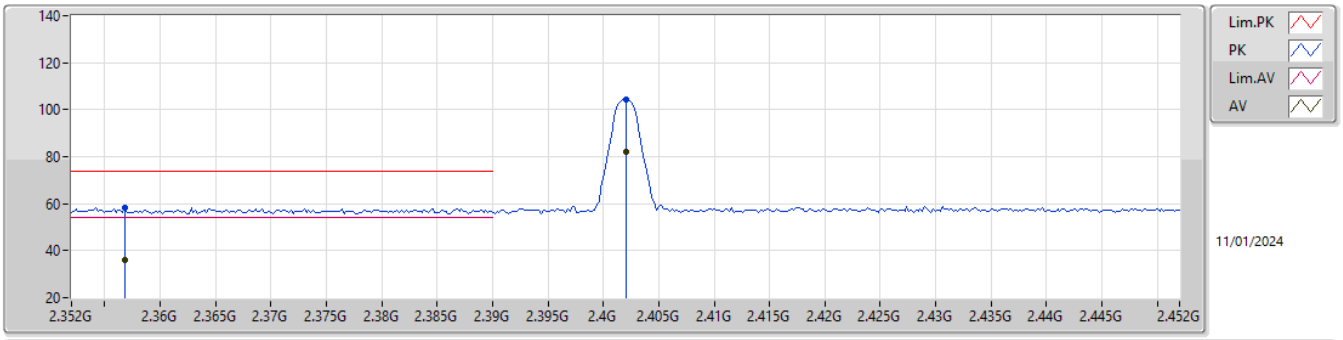
2480MHz_TX



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	4.96022G	24.91	54.00	-29.09	1.28	3	Horizontal	328	1.50	23.63	33.16	5.36	37.24
AV	7.43988G	26.29	54.00	-27.71	6.93	3	Horizontal	132	1.62	19.36	36.72	6.72	36.51
PK	4.96022G	47.41	74.00	-26.59	1.28	3	Horizontal	328	1.50	46.13	33.16	5.36	37.24
PK	7.43988G	48.79	74.00	-25.21	6.93	3	Horizontal	132	1.62	41.86	36.72	6.72	36.51

2.4-2.4835GHz_BT-EDR(3Mbps)

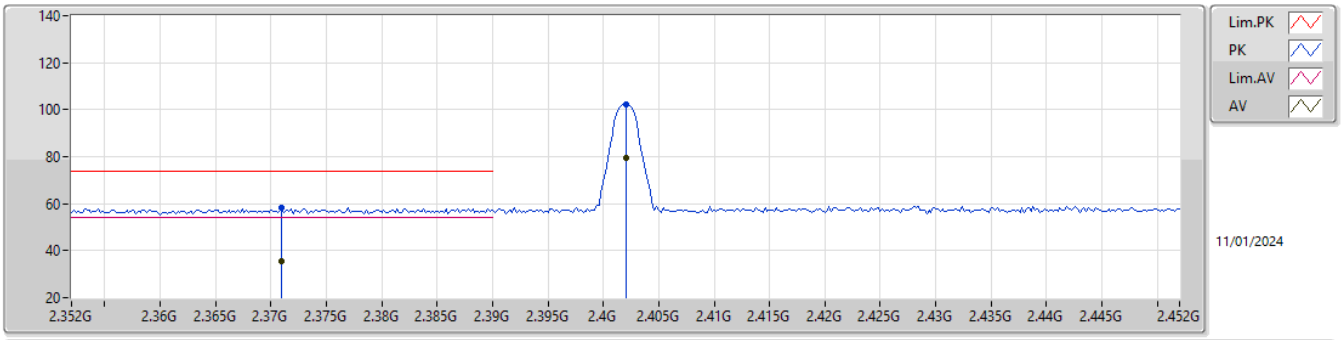
2402MHz_TX



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	2.3568G	35.82	54.00	-18.18	31.01	3	Vertical	13	2.57	4.81	27.40	3.61	-
AV	2.402G	81.88	Inf	-Inf	31.34	3	Vertical	13	2.57	50.54	27.70	3.64	-
PK	2.3568G	58.32	74.00	-15.68	31.01	3	Vertical	13	2.57	27.31	27.40	3.61	-
PK	2.402G	104.38	Inf	-Inf	31.34	3	Vertical	13	2.57	73.04	27.70	3.64	-

2.4-2.4835GHz_BT-EDR(3Mbps)

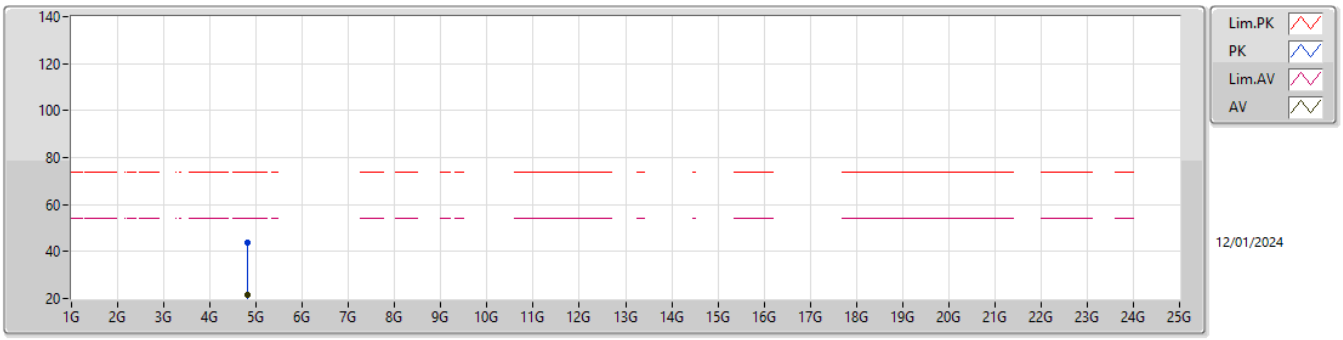
2402MHz_TX



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	2.371G	35.55	54.00	-18.45	31.12	3	Horizontal	57	2.64	4.43	27.50	3.62	-
AV	2.402G	79.69	Inf	-Inf	31.34	3	Horizontal	57	2.64	48.35	27.70	3.64	-
PK	2.371G	58.05	74.00	-15.95	31.12	3	Horizontal	57	2.64	26.93	27.50	3.62	-
PK	2.402G	102.19	Inf	-Inf	31.34	3	Horizontal	57	2.64	70.85	27.70	3.64	-

2.4-2.4835GHz_BT-EDR(3Mbps)

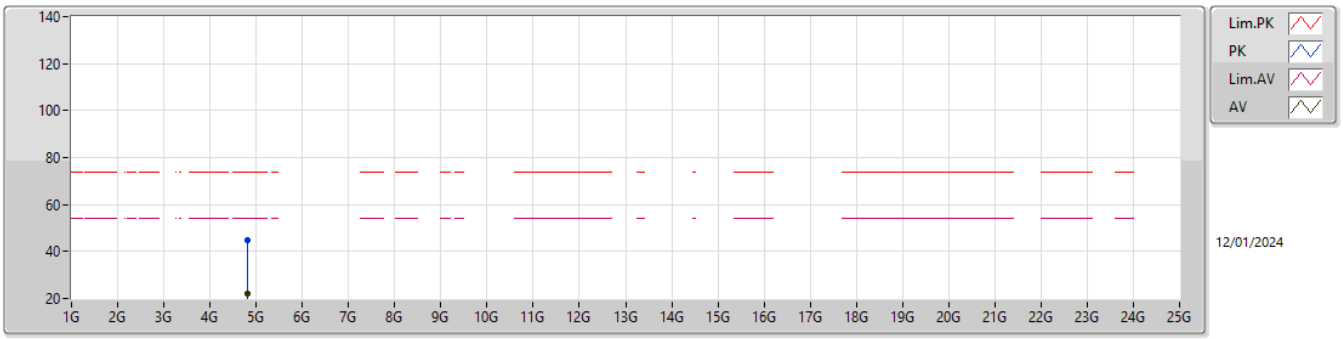
2402MHz_TX



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	4.80391G	21.37	54.00	-32.63	0.39	3	Vertical	1	1.93	20.98	32.52	5.29	37.42
PK	4.80391G	43.87	74.00	-30.13	0.39	3	Vertical	1	1.93	43.48	32.52	5.29	37.42

2.4-2.4835GHz_BT-EDR(3Mbps)

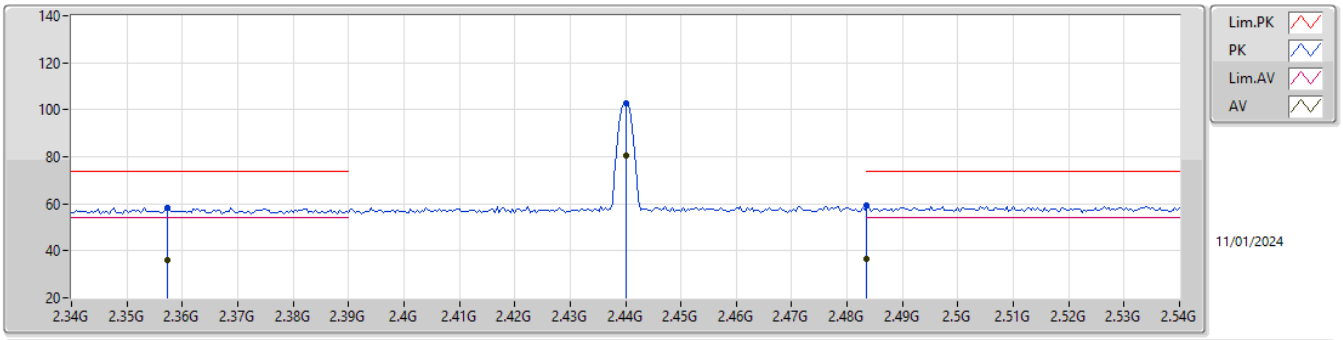
2402MHz_TX



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	4.80344G	22.11	54.00	-31.89	0.39	3	Horizontal	304	1.00	21.72	32.52	5.29	37.42
PK	4.80344G	44.61	74.00	-29.39	0.39	3	Horizontal	304	1.00	44.22	32.52	5.29	37.42

2.4-2.4835GHz_BT-EDR(3Mbps)

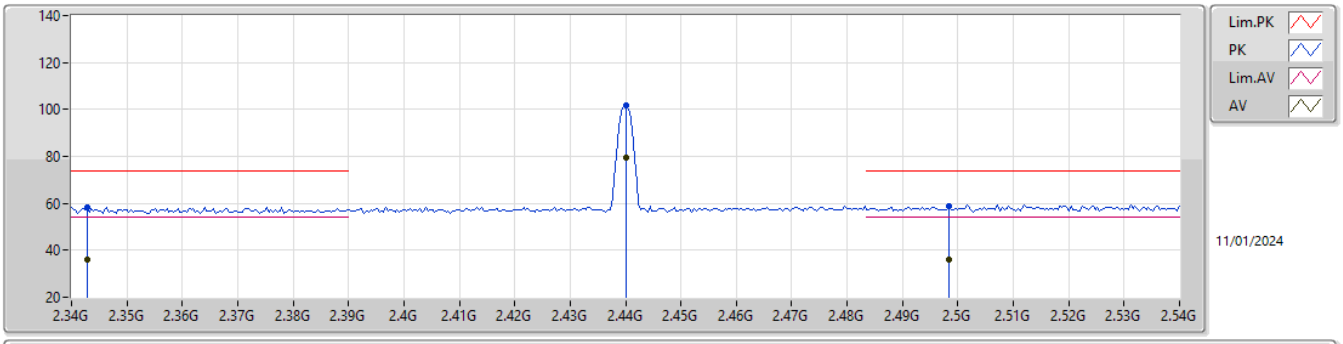
2440MHz_TX



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	2.3572G	35.82	54.00	-18.18	31.01	3	Vertical	13	2.86	4.81	27.40	3.61	-
AV	2.44G	80.46	Inf	-Inf	31.37	3	Vertical	13	2.86	49.09	27.70	3.67	-
AV	2.4835G	36.76	54.00	-17.24	31.51	3	Vertical	13	2.86	5.25	27.80	3.71	-
PK	2.3572G	58.32	74.00	-15.68	31.01	3	Vertical	13	2.86	27.31	27.40	3.61	-
PK	2.44G	102.96	Inf	-Inf	31.37	3	Vertical	13	2.86	71.59	27.70	3.67	-
PK	2.4835G	59.26	74.00	-14.74	31.51	3	Vertical	13	2.86	27.75	27.80	3.71	-

2.4-2.4835GHz_BT-EDR(3Mbps)

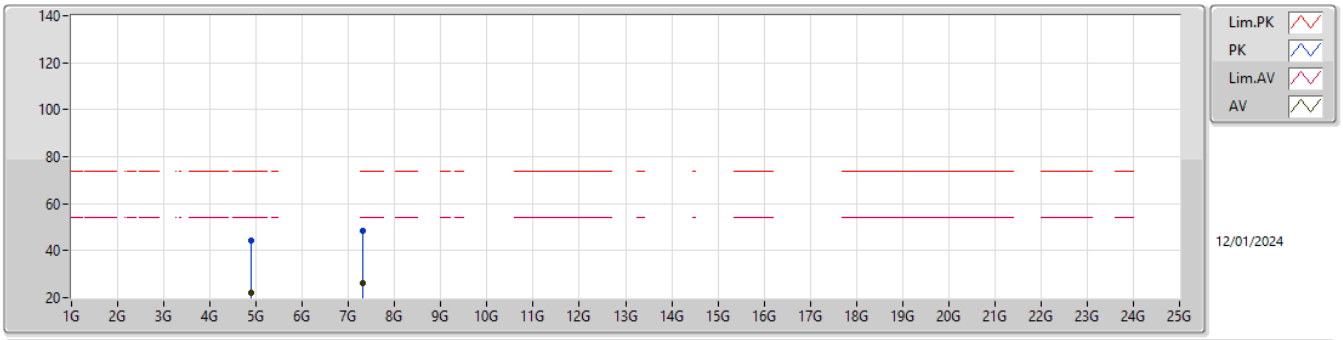
2440MHz_TX



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	2.3428G	35.80	54.00	-18.20	30.93	3	Horizontal	51	2.85	4.87	27.33	3.60	-
AV	2.44G	79.30	Inf	-Inf	31.37	3	Horizontal	51	2.85	47.93	27.70	3.67	-
AV	2.4984G	36.11	54.00	-17.89	31.52	3	Horizontal	51	2.85	4.59	27.80	3.72	-
PK	2.3428G	58.30	74.00	-15.70	30.93	3	Horizontal	51	2.85	27.37	27.33	3.60	-
PK	2.44G	101.80	Inf	-Inf	31.37	3	Horizontal	51	2.85	70.43	27.70	3.67	-
PK	2.4984G	58.61	74.00	-15.39	31.52	3	Horizontal	51	2.85	27.09	27.80	3.72	-

2.4-2.4835GHz_BT-EDR(3Mbps)

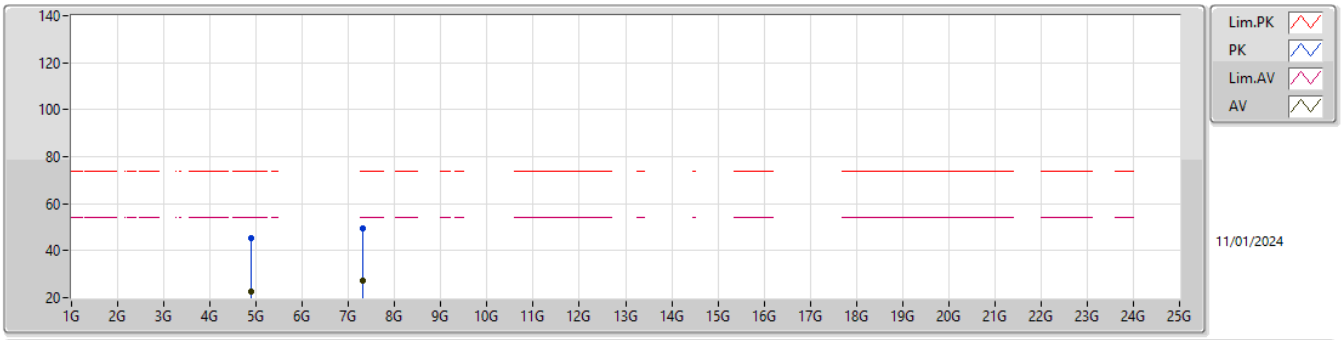
2440MHz_TX



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	4.87954G	21.95	54.00	-32.05	0.80	3	Vertical	0	1.85	21.15	32.80	5.33	37.33
AV	7.31768G	26.08	54.00	-27.92	7.28	3	Vertical	336	2.50	18.80	37.23	6.59	36.54
PK	4.87954G	44.45	74.00	-29.55	0.80	3	Vertical	0	1.85	43.65	32.80	5.33	37.33
PK	7.31768G	48.58	74.00	-25.42	7.28	3	Vertical	336	2.50	41.30	37.23	6.59	36.54

2.4-2.4835GHz_BT-EDR(3Mbps)

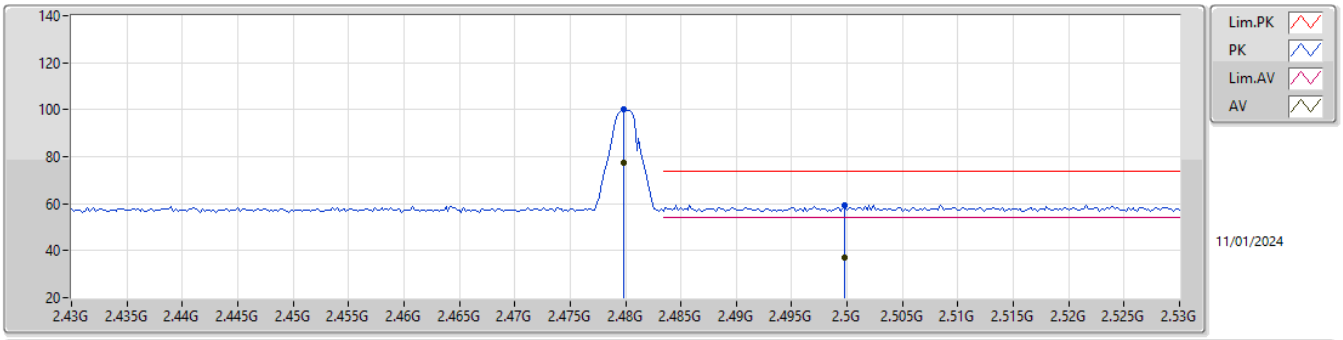
2440MHz_TX



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	4.8802G	22.83	54.00	-31.17	0.80	3	Horizontal	331	1.92	22.03	32.80	5.33	37.33
AV	7.32153G	27.07	54.00	-26.93	7.27	3	Horizontal	120	1.46	19.80	37.21	6.60	36.54
PK	4.8802G	45.33	74.00	-28.67	0.80	3	Horizontal	331	1.92	44.53	32.80	5.33	37.33
PK	7.32153G	49.57	74.00	-24.43	7.27	3	Horizontal	120	1.46	42.30	37.21	6.60	36.54

2.4-2.4835GHz_BT-EDR(3Mbps)

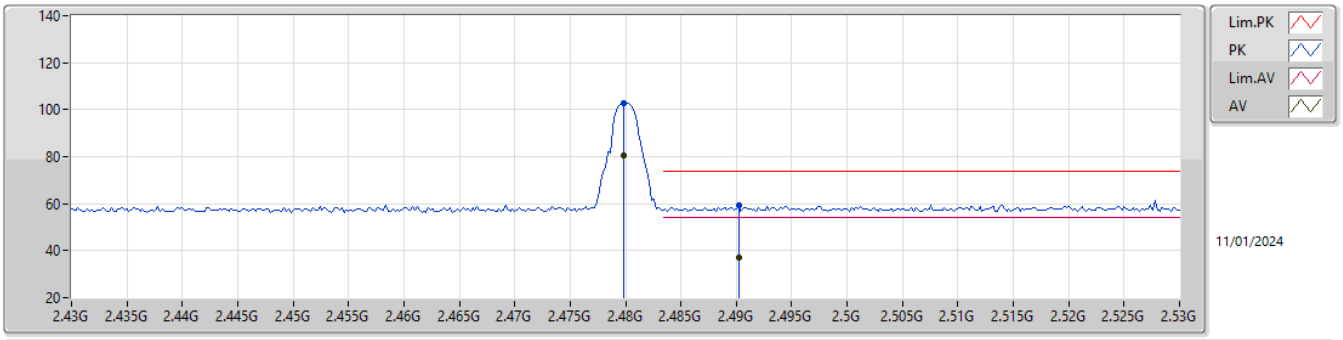
2480MHz_TX



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	77.49	Inf	-Inf	31.50	3	Vertical	317	1.28	45.99	27.80	3.70	-
AV	2.4998G	36.97	54.00	-17.03	31.52	3	Vertical	317	1.28	5.45	27.80	3.72	-
PK	2.4798G	99.99	Inf	-Inf	31.50	3	Vertical	317	1.28	68.49	27.80	3.70	-
PK	2.4998G	59.47	74.00	-14.53	31.52	3	Vertical	317	1.28	27.95	27.80	3.72	-

2.4-2.4835GHz_BT-EDR(3Mbps)

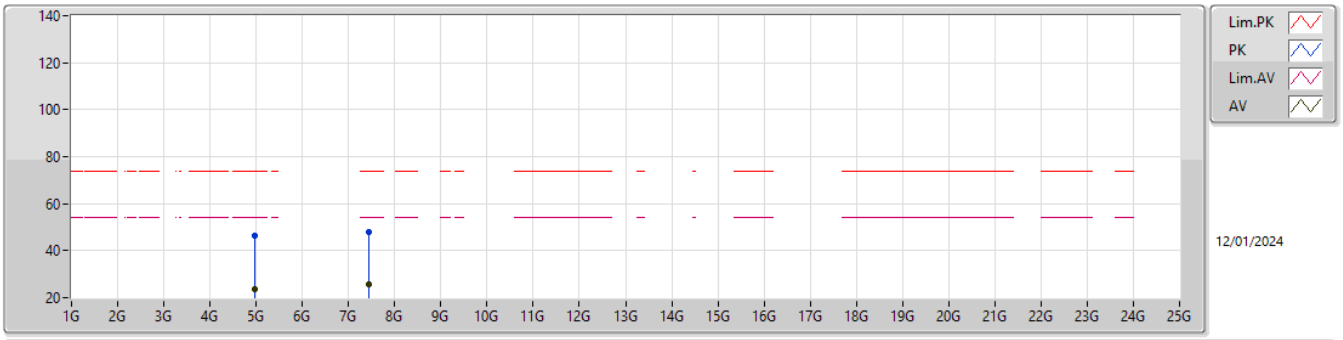
2480MHz_TX



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	2.4798G	80.27	Inf	-Inf	31.50	3	Horizontal	52	2.69	48.77	27.80	3.70	-
AV	2.4902G	36.83	54.00	-17.17	31.51	3	Horizontal	52	2.69	5.32	27.80	3.71	-
PK	2.4798G	102.77	Inf	-Inf	31.50	3	Horizontal	52	2.69	71.27	27.80	3.70	-
PK	2.4902G	59.33	74.00	-14.67	31.51	3	Horizontal	52	2.69	27.82	27.80	3.71	-

2.4-2.4835GHz_BT-EDR(3Mbps)

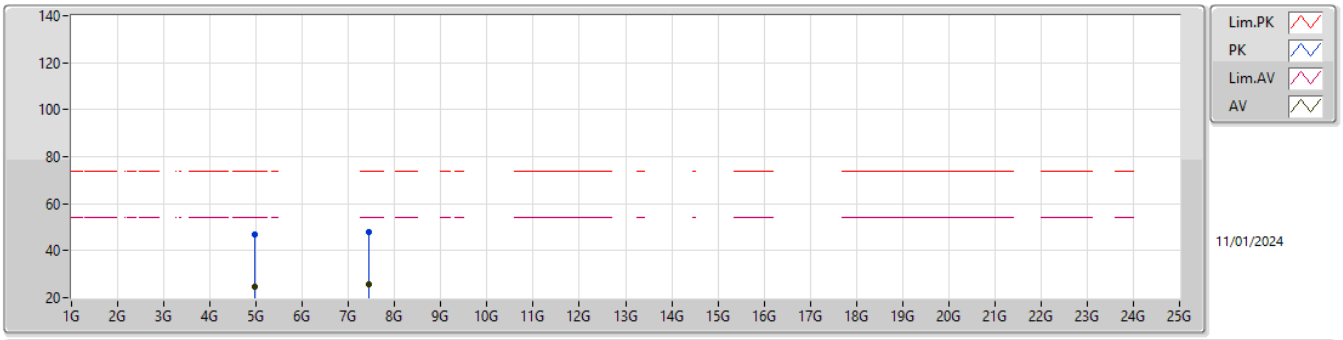
2480MHz_TX



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	4.9592G	23.78	54.00	-30.22	1.27	3	Vertical	345	1.92	22.51	33.16	5.36	37.25
AV	7.44059G	25.48	54.00	-28.52	6.93	3	Vertical	82	1.15	18.55	36.72	6.72	36.51
PK	4.9592G	46.28	74.00	-27.72	1.27	3	Vertical	345	1.92	45.01	33.16	5.36	37.25
PK	7.44059G	47.98	74.00	-26.02	6.93	3	Vertical	82	1.15	41.05	36.72	6.72	36.51

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	4.96008G	24.64	54.00	-29.36	1.28	3	Horizontal	328	1.50	23.36	33.16	5.36	37.24
AV	7.44105G	25.60	54.00	-28.40	6.93	3	Horizontal	236	1.05	18.67	36.72	6.72	36.51
PK	4.96008G	47.14	74.00	-26.86	1.28	3	Horizontal	328	1.50	45.86	33.16	5.36	37.24
PK	7.44105G	48.10	74.00	-25.90	6.93	3	Horizontal	236	1.05	41.17	36.72	6.72	36.51

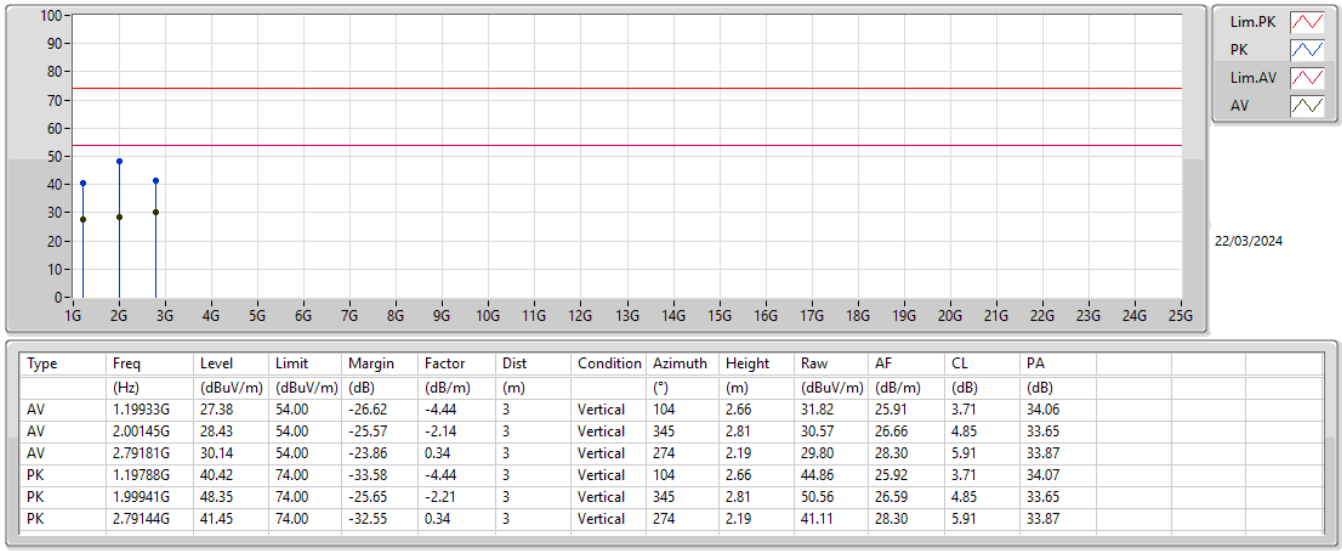
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.82319G	35.43	54.00	-18.57	Horizontal
Mode 2	Pass	PK	7.21462G	51.55	68.20	-16.65	Horizontal

Result

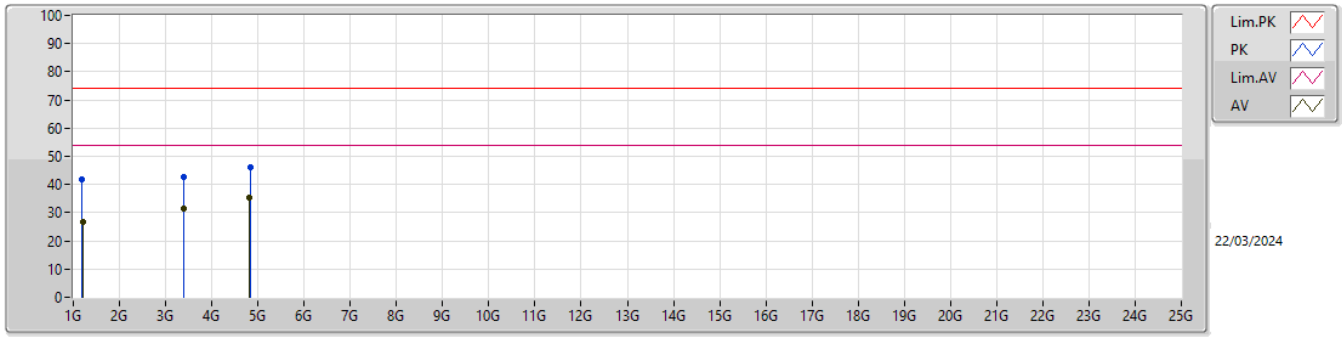
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.19933G	27.38	54.00	-26.62	3	Vertical	104	2.66
Mode 1	Pass	AV	2.00145G	28.43	54.00	-25.57	3	Vertical	345	2.81
Mode 1	Pass	AV	2.79181G	30.14	54.00	-23.86	3	Vertical	274	2.19
Mode 1	Pass	PK	1.19788G	40.42	74.00	-33.58	3	Vertical	104	2.66
Mode 1	Pass	PK	1.99941G	48.35	74.00	-25.65	3	Vertical	345	2.81
Mode 1	Pass	PK	2.79144G	41.45	74.00	-32.55	3	Vertical	274	2.19
Mode 1	Pass	AV	1.19893G	26.66	54.00	-27.34	3	Horizontal	59	1.26
Mode 1	Pass	AV	3.39464G	31.44	54.00	-22.56	3	Horizontal	320	2.35
Mode 1	Pass	AV	4.82319G	35.43	54.00	-18.57	3	Horizontal	159	1.43
Mode 1	Pass	PK	1.19546G	41.63	74.00	-32.37	3	Horizontal	59	1.26
Mode 1	Pass	PK	3.39675G	42.79	74.00	-31.21	3	Horizontal	320	2.35
Mode 1	Pass	PK	4.82806G	46.22	74.00	-27.78	3	Horizontal	159	1.43
Mode 2	Pass	AV	1.19544G	28.00	54.00	-26.00	3	Vertical	89	1.83
Mode 2	Pass	AV	1.7957G	28.18	68.20	-40.02	3	Vertical	31	1.36
Mode 2	Pass	AV	4.79012G	34.62	54.00	-19.38	3	Vertical	348	1.78
Mode 2	Pass	PK	1.19673G	41.38	74.00	-32.62	3	Vertical	89	1.83
Mode 2	Pass	PK	1.79626G	44.56	68.20	-23.64	3	Vertical	31	1.36
Mode 2	Pass	PK	4.78826G	51.58	74.00	-22.42	3	Vertical	348	1.78
Mode 2	Pass	AV	1.19469G	27.61	54.00	-26.39	3	Horizontal	303	1.35
Mode 2	Pass	AV	1.32978G	27.27	54.00	-26.73	3	Horizontal	313	1.91
Mode 2	Pass	AV	7.21428G	40.20	68.20	-28.00	3	Horizontal	203	2.96
Mode 2	Pass	PK	1.19466G	42.01	74.00	-31.99	3	Horizontal	303	1.35
Mode 2	Pass	PK	1.32794G	38.81	74.00	-35.19	3	Horizontal	313	1.91
Mode 2	Pass	PK	7.21462G	51.55	68.20	-16.65	3	Horizontal	203	2.96

Radiated Emissions above 1GHz_Mode 1



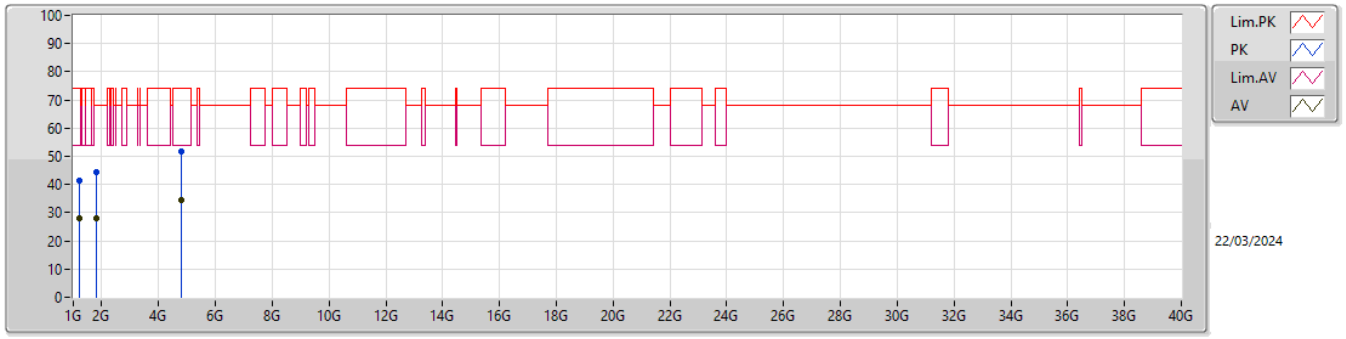
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	1.19933G	27.38	54.00	-26.62	-4.44	3	Vertical	104	2.66	31.82	25.91	3.71	34.06
AV	2.00145G	28.43	54.00	-25.57	-2.14	3	Vertical	345	2.81	30.57	26.66	4.85	33.65
AV	2.79181G	30.14	54.00	-23.86	0.34	3	Vertical	274	2.19	29.80	28.30	5.91	33.87
PK	1.19788G	40.42	74.00	-33.58	-4.44	3	Vertical	104	2.66	44.86	25.92	3.71	34.07
PK	1.99941G	48.35	74.00	-25.65	-2.21	3	Vertical	345	2.81	50.56	26.59	4.85	33.65
PK	2.79144G	41.45	74.00	-32.55	0.34	3	Vertical	274	2.19	41.11	28.30	5.91	33.87

Radiated Emissions above 1GHz_Mode 1



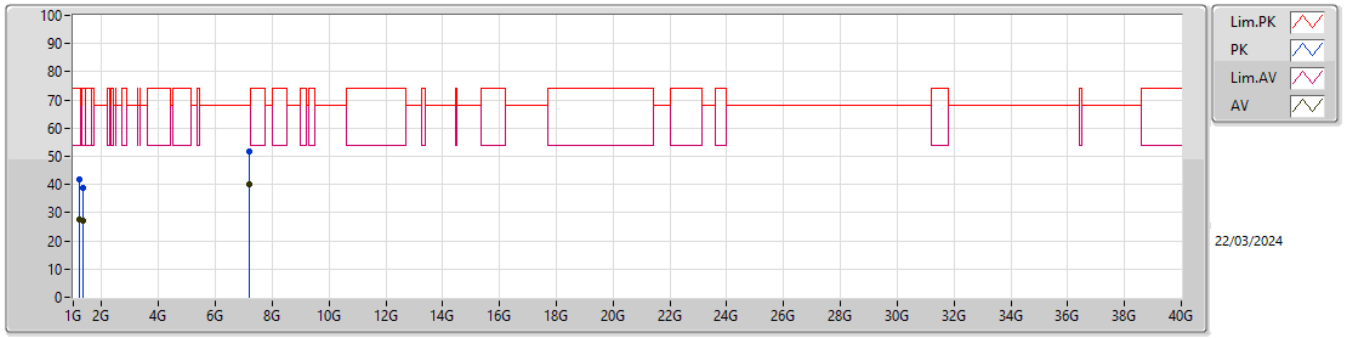
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	1.19893G	26.66	54.00	-27.34	-4.44	3	Horizontal	59	1.26	31.10	25.91	3.71	34.06
AV	3.39464G	31.44	54.00	-22.56	1.97	3	Horizontal	320	2.35	29.47	29.49	6.56	34.08
AV	4.82319G	35.43	54.00	-18.57	6.09	3	Horizontal	159	1.43	29.34	32.14	7.96	34.01
PK	1.19546G	41.63	74.00	-32.37	-4.42	3	Horizontal	59	1.26	46.05	25.95	3.70	34.07
PK	3.39675G	42.79	74.00	-31.21	1.97	3	Horizontal	320	2.35	40.82	29.49	6.56	34.08
PK	4.82806G	46.22	74.00	-27.78	6.12	3	Horizontal	159	1.43	40.10	32.17	7.96	34.01

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	1.19544G	28.00	54.00	-26.00	-4.42	3	Vertical	89	1.83	32.42	25.95	3.70	34.07
AV	1.7957G	28.18	68.20	-40.02	-4.20	3	Vertical	31	1.36	32.38	24.94	4.50	33.64
AV	4.79012G	34.62	54.00	-19.38	5.91	3	Vertical	348	1.78	28.71	31.98	7.95	34.02
PK	1.19673G	41.38	74.00	-32.62	-4.44	3	Vertical	89	1.83	45.82	25.93	3.70	34.07
PK	1.79626G	44.56	68.20	-23.64	-4.20	3	Vertical	31	1.36	48.76	24.94	4.50	33.64
PK	4.78826G	51.58	74.00	-22.42	5.90	3	Vertical	348	1.78	45.68	31.98	7.94	34.02

Radiated Emissions above 1GHz_Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)	(dBuV/m)	(dB/m)	(dB)	(dB)
AV	1.19469G	27.61	54.00	-26.39	-4.42	3	Horizontal	303	1.35	32.03	25.95	3.70	34.07
AV	1.32978G	27.27	54.00	-26.73	-4.09	3	Horizontal	313	1.91	31.36	25.90	3.89	33.88
AV	7.21428G	40.20	68.20	-28.00	11.92	3	Horizontal	203	2.96	28.28	36.70	9.56	34.34
PK	1.19466G	42.01	74.00	-31.99	-4.42	3	Horizontal	303	1.35	46.43	25.95	3.70	34.07
PK	1.32794G	38.81	74.00	-35.19	-4.08	3	Horizontal	313	1.91	42.89	25.92	3.88	33.88
PK	7.21462G	51.55	68.20	-16.65	11.92	3	Horizontal	203	2.96	39.63	36.70	9.56	34.34