

FCC Radio Test Report

FCC ID : M82-AIW-172
Equipment : Wi-Fi 7 AIW-172 module
Brand Name : ADVANTECH
Model Name : AIW-172BQ-GI1, AIW-172BQ-GC1
Applicant : Advantech Co Ltd
No. 1, Alley 20, Lane 26, Rueiguang Road Neihu District,
Taipei, 114 Taiwan
Manufacturer : Advantech Co., Ltd.
No. 1, Alley 20, Lane 26, Rueiguang Road Neihu District,
Taipei, 114 Taiwan
Standard : 47 CFR FCC Part 15.247

The product was received on Nov. 21, 2025, and testing was started from Mar. 28, 2026 and completed on Jun. 11, 2026. 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 C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 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	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	8
1.3 Testing Location Information	8
1.4 Measurement Uncertainty	8
2 TEST CONFIGURATION OF EUT.....	9
2.1 Test Channel Mode	9
2.2 The Worst Case Measurement Configuration.....	10
2.3 Support Equipment.....	11
2.4 Test Setup Diagram	12
3 TRANSMITTER TEST RESULT	14
3.1 AC Power-line Conducted Emissions	14
3.2 20dB Bandwidth and Carrier Frequency Separation.....	16
3.3 Maximum Conducted Output Power	17
3.4 Number of Hopping Frequencies and Hopping Bandedge	18
3.5 Time of Occupancy (Dwell Time)	19
3.6 Emissions in Non-restricted Frequency Bands	20
3.7 Emissions in Restricted Frequency Bands.....	21
4 TEST EQUIPMENT AND CALIBRATION DATA.....	24
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF 20DB BANDWIDTH AND CARRIER FREQUENCY SEPARATION	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF NUMBER OF HOPPING FREQUENCIES AND HOPPING BANDEDGE	
APPENDIX E. TEST RESULTS OF TIME OF OCCUPANCY (DWELL TIME)	
APPENDIX F. TEST RESULTS OF EMISSIONS IN NON-RESTRICTED FREQUENCY BANDS	
APPENDIX G. TEST RESULTS OF EMISSIONS IN RESTRICTED FREQUENCY BANDS	
APPENDIX H. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX I. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	



History of this test report

TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-C9 Ver4.5
FCC ID: M82-AIW-172

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]

Dipole / PIFA

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Advantech	AIW-512-I	Dipole	Reverse SMA	2.4G+5G+6G+BT	-
2	Advantech	AIW-512-C	Dipole	Reverse SMA	2.4G+5G+6G+BT	-
3	Advantech	AIW-511	Dipole	Reverse SMA	2.4G+5G+6G+BT	-
4	Advantech	AIW-513	Dipole	Reverse SMA	2.4G+5G+6G+BT	-
5	Advantech	AIW-514	Dipole	Reverse SMA	2.4G+5G+6G+BT	-
6	Advantech	AIW-515	PIFA	Reverse SMA	2.4G+5G+6G+BT	-
7	Advantech	RFA-27-JP818P2-4B500	PIFA	IPEX4	2.4G+5G+6G+BT	-
8	Advantech	RFA-27-AP570-4B-C191	Dipole	IPEX4	2.4G+5G+6G+BT	-

Ant.	Port	Gain (dBi)			
		2.4G	5G	6G	BT
1-1	1	2.87	3.11	3.22	2.87
1-2	2	2.87	3.11	3.22	2.87
2-1	1	2.87	3.11	3.22	2.87
2-2	2	2.87	3.11	3.22	2.87
3-1	1	2.28	2.64	3.28	2.28
3-2	2	2.28	2.64	3.28	2.28
4-1	1	1.48	3.58	4.04	1.48
4-2	2	1.48	3.58	4.04	1.48
5	1	1.59	2.19	1.66	1.59
	2	1.58	2.56	2.99	1.58
6	1	1.56	2.36	1.89	1.56
	2	1.58	3.02	2.87	1.58
7-1	1	3.51	4.79	5.08	3.51
7-2	2	3.51	4.79	5.08	3.51
8-1	1	2.6	4.75	4.89	2.6
8-2	2	2.6	4.75	4.89	2.6

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX)

Ant. 1-1 and Ant 1-2 or Ant 2-1 and Ant 2-2 or Ant 3-1 and Ant 3-2 or Ant 4-1 and Ant 4-2 or Ant 5 or Ant 6 or Ant 7-1 and Ant 7-2 or Ant 8-1 and Ant 8-2 could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1-1 and Ant 1-2 or Ant 2-1 and Ant 2-2 or Ant 3-1 and Ant 3-2 or Ant 4-1 and Ant 4-2 or Ant 5 or Ant 6 or Ant 7-1 and Ant 7-2 or Ant 8-1 and Ant 8-2 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 a/ax/be mode (2TX/2RX)

Ant. 1-1 and Ant 1-2 or Ant 2-1 and Ant 2-2 or Ant 3-1 and Ant 3-2 or Ant 4-1 and Ant 4-2 or Ant 5 or Ant 6 or Ant 7-1 and Ant 7-2 or Ant 8-1 and Ant 8-2 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (2TX/2RX)

Ant. 1-1 and Ant 1-2 or Ant 2-1 and Ant 2-2 or Ant 3-1 and Ant 3-2 or Ant 4-1 and Ant 4-2 or Ant 5 or Ant 6 or Ant 7-1 and Ant 7-2 or Ant 8-1 and Ant 8-2 could transmit/receive simultaneously.

Note 1: Directional gain information

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Fixture		
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

Dipole

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-BR(1Mbps)	0.781	1.07	2.89m	500
BT-EDR(2Mbps)	0.785	1.05	2.89m	500
BT-EDR(3Mbps)	0.785	1.05	2.891m	500

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

PIFA

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-BR(1Mbps)	0.781	1.07	2.89m	500
BT-EDR(2Mbps)	0.785	1.05	2.89m	500
BT-EDR(3Mbps)	0.785	1.05	2.891m	500

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	Operating Temperature	BT interface
AIW-172BQ-GI1	-40°C~85°	UART
AIW-172BQ-GC1	0~70°C	USB

From the above models, AIW-172BQ-GI1 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 C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024

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	Lego Lin	18.2~19.2°C / 57~60%	17/Apr/2026
RF Conducted	TH07-HY	Yulin Chen	23.8~24.6°C / 52~59%	28/Mar/2026~20/May/2026
Radiated_Dipole	03CH02-HY	Simon Cheng	22.2~23.4°C / 50~52%	04/Jun/2026~09/Jun/2026
Radiated_PIFA	03CH02-HY	Simon Cheng	23.4~24.5°C / 52~55%	04/Jun/2026~09/Jun/2026
Radiated_ Co-location	03CH02-HY	Simon Cheng	17.5~19.2°C / 57~61%	10/Jun/2026~11/Jun/2026
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: 886-3-318-0787 FAX: 886-3-318-0287			
Test site Designation No. TW0008 with FCC.				

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	3.24 dB	Confidence levels of 95%
Conducted Output Power	1.12 dB	Confidence levels of 95%
Bandwidth	0.07 MHz	Confidence levels of 95%
Conducted Emission	1.12 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	1.22 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	1.76 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.38 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	4.94 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Qualcomm Radio Control Toolkit v4.1 Version 4.0.172.2
------------------------------	--

Dipole

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

PIFA

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

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	Fixture 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	Fixture mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Z Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz
2	Bluetooth+WLAN 5GHz
3	Bluetooth+WLAN 6GHz
Refer to Sporton Test Report No.: FA5N2104 for Co-location RF Exposure Evaluation and Appendix H for Radiated Emission Co-location.	

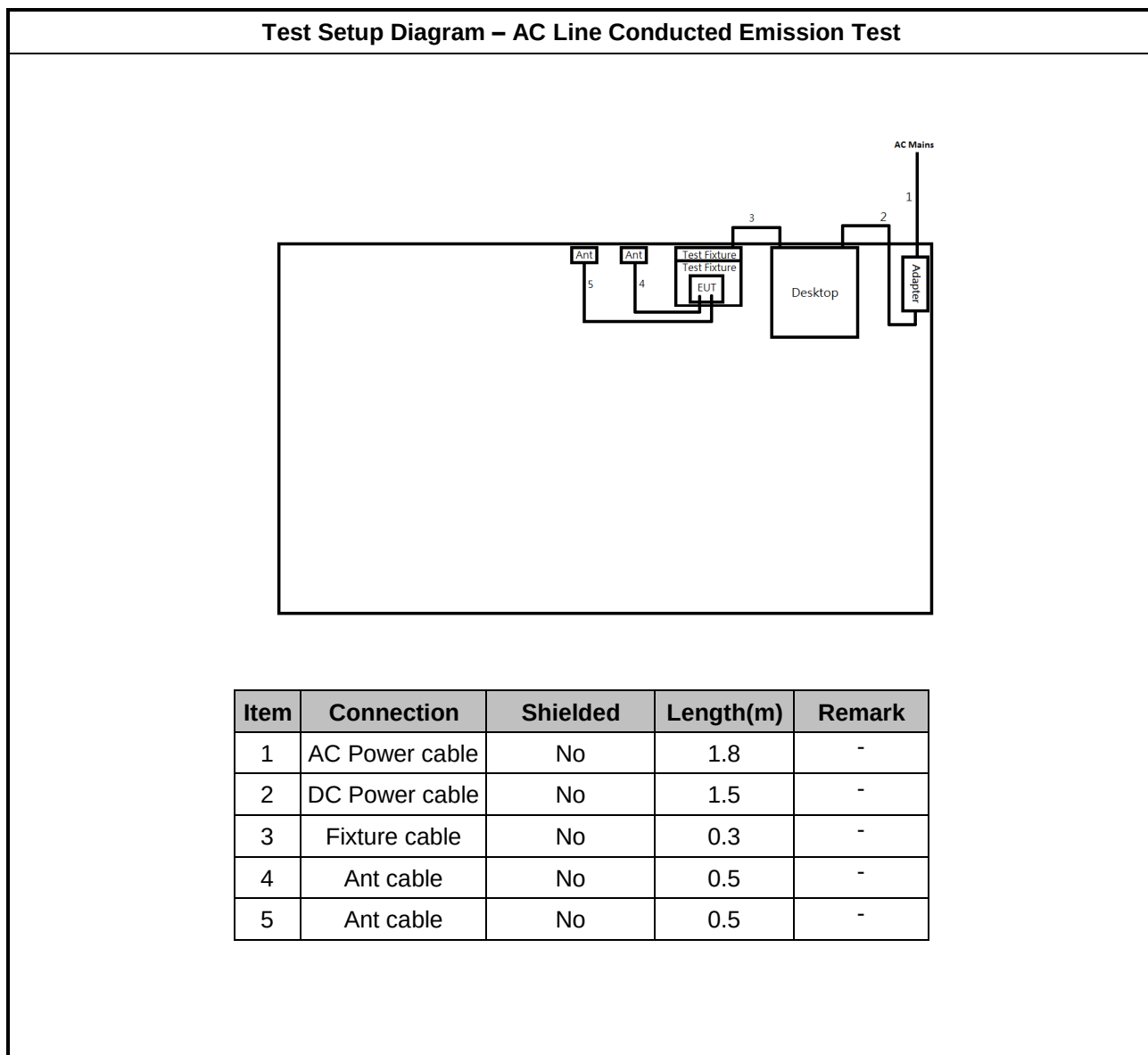
2.3 Support Equipment

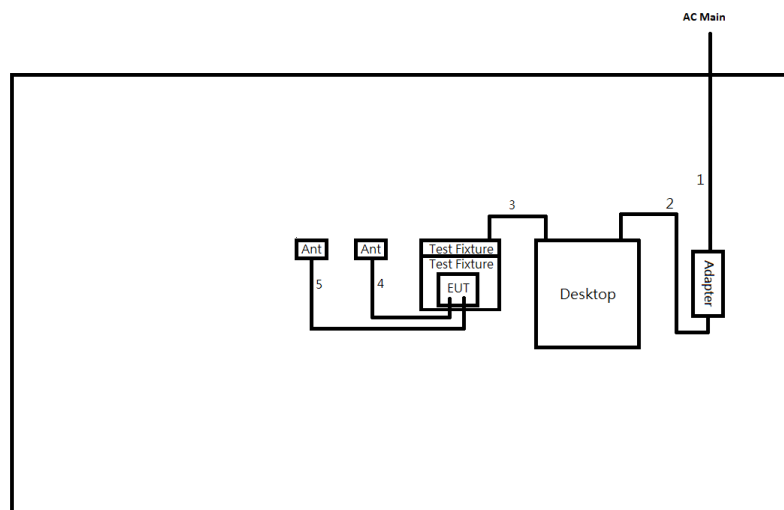
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power cable	Power sync	TPCMRN0018	-	-
2	Desktop	ADVANTECH	AIMB-219	-	Provided by Customer
3	Adapter for Desktop	FSP	FSP120-AHAN3	-	Provided by Customer
4	Test Fixture	C-Ming	R12SF-035A	-	Provided by Customer
5	Test Fixture	Advantech	Advantech	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Desktop	ADVANTECH	AIMB-219	-	Provided by Customer
2	Adapter	FSP	FSP120-AHAN3	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power cable	Power sync	TPCMRN0018	-	-
2	Desktop	ADVANTECH	AIMB-219	-	Provided by Customer
3	Adapter for Desktop	FSP	FSP120-AHAN3	-	Provided by Customer
4	Test Fixture	C-Ming	R12SF-035A	-	Provided by Customer
5	Test Fixture	Advantech	Advantech	-	Provided by Customer

2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.5	-
3	Fixture cable	No	0.3	-
4	ANT cable	No	0.5	-
5	ANT cable	No	0.5	-

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

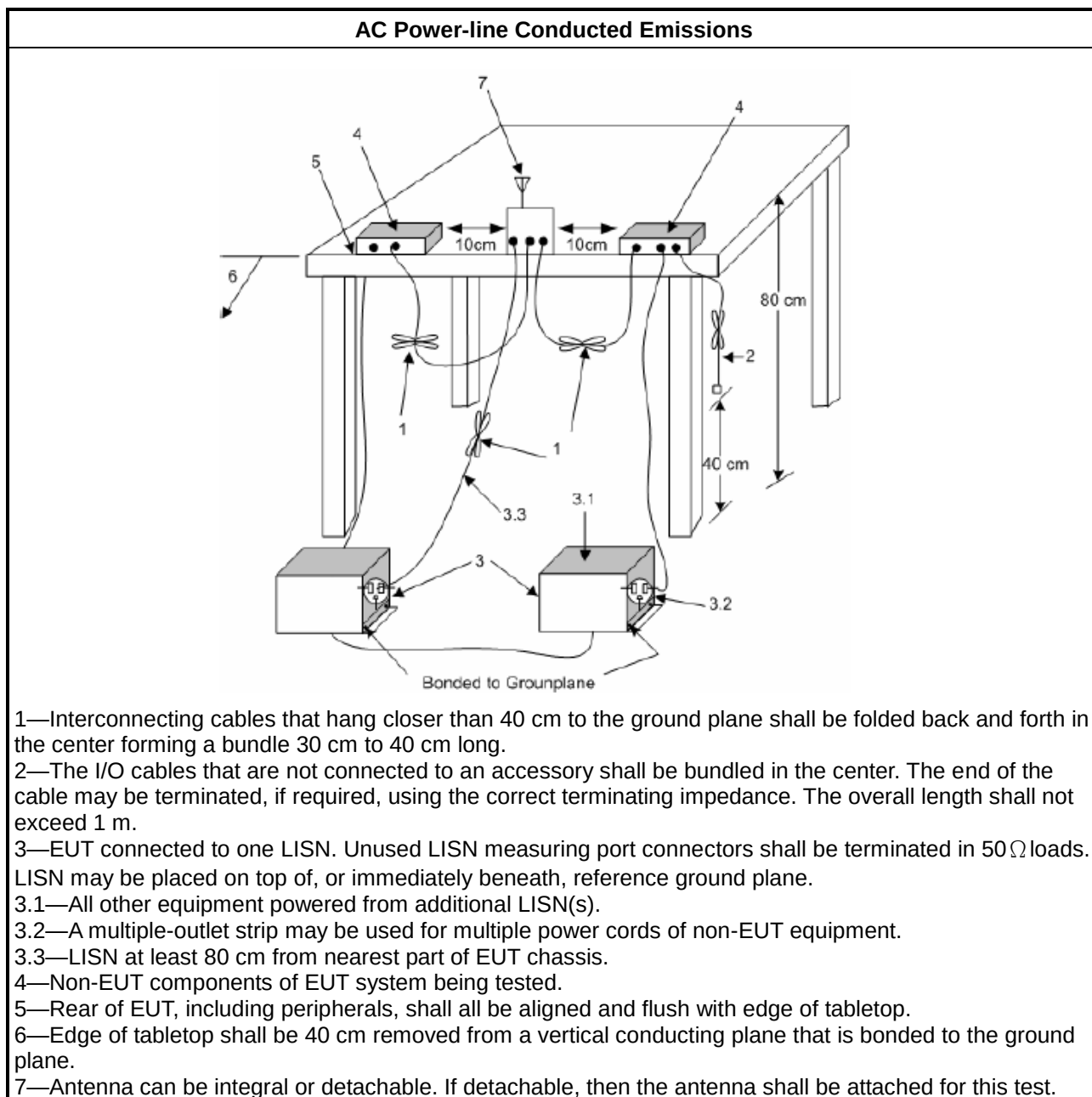
Test Method
▪ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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



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:
	▪ $N \geq 75$ and $ChS \geq MAX$ (20 dB bandwidth, 25 kHz).
	▪ $75 > N \geq 15$ and $ChS \geq MAX$ (20 dB bandwidth 2/3, 25 kHz).
N: Number of Hopping Frequencies; ChS: Hopping Channel Separation	

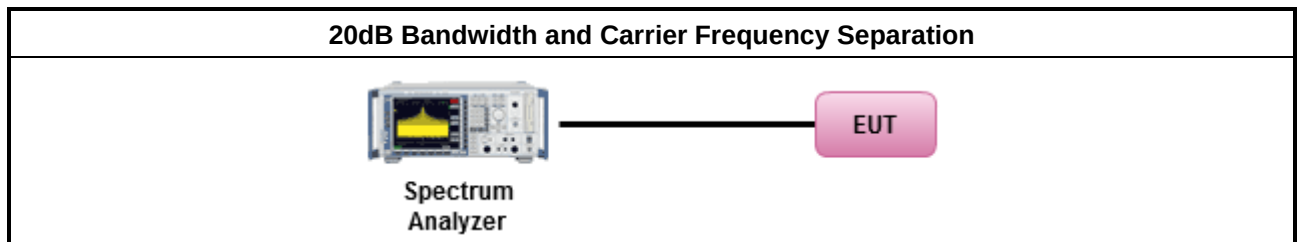
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10, clause 6.9.2 for 20 dB bandwidth measurement.
▪ Refer as ANSI C63.10, clause 7.8.2 for carrier frequency separation measurement.

3.2.4 Test Setup



3.2.5 Test Result of 20dB Bandwidth

Refer as Appendix B

3.2.6 Test Result of Carrier Frequency Separation

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
▪ 2400-2483.5 MHz Band:	
	▪ $N \geq 75$; Power 30dBm; EIRP 36dBm
	▪ $75 > N \geq 15$; Power 21dBm; EIRP 27dBm
N: Number of Hopping Frequencies	

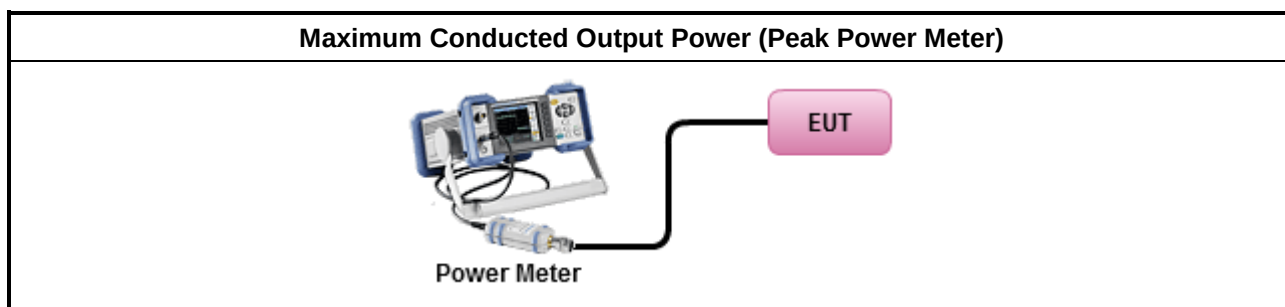
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



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:	
	$N \geq 75$ and $ChS \geq MAX$ (20 dB bandwidth, 25 kHz).
	$75 > N \geq 15$ and $ChS \geq MAX$ (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

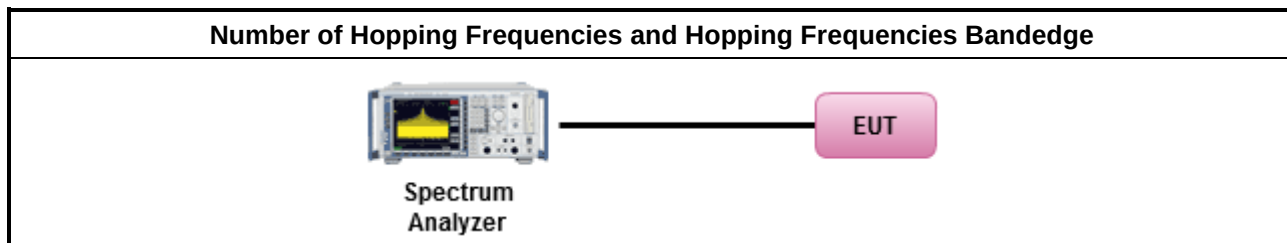
3.4.3 Measuring Instruments

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

3.4.4 Test Procedures

Test Method
Refer as ANSI C63.10, clause 7.8.3 for number of hopping frequencies measurement.
Refer as ANSI C63.10, clause 7.8.7.2 for hopping frequencies Bandedge measurement.

3.4.5 Test Setup



3.4.6 Test Result of Number of Hopping Frequencies

Refer as Appendix D

3.4.7 Test Result of Number of Hopping Frequencies Bandedge

Refer as Appendix D

3.5 Time of Occupancy (Dwell Time)

3.5.1 Time of Occupancy (Dwell Time) Limit

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

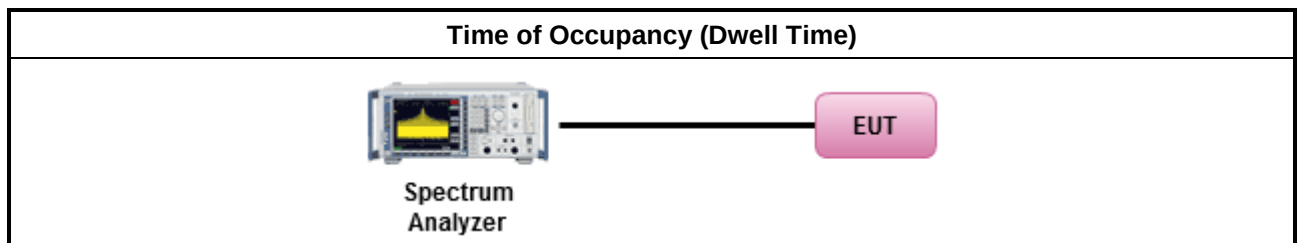
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Time of Occupancy (Dwell Time)

Refer as Appendix E

3.6 Emissions in Non-restricted Frequency Bands

3.6.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (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.	

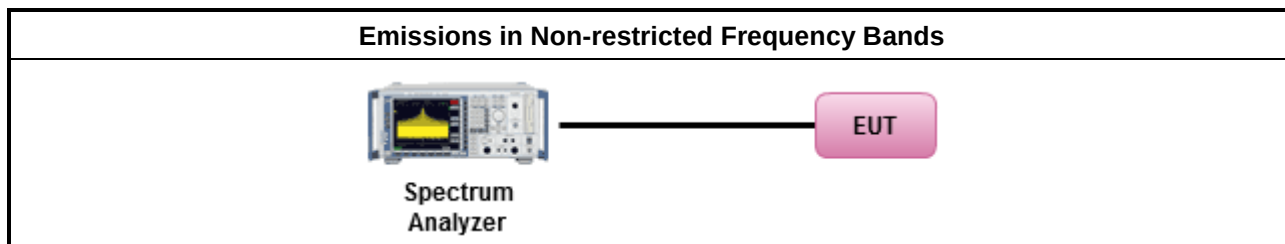
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method
Refer as ANSI C63.10, clause 7.8.7 for unwanted emissions into non-restricted bands.

3.6.4 Test Setup



3.6.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix F

3.7 Emissions in Restricted Frequency Bands

3.7.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB / decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

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

3.7.2 Measuring Instruments

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

3.7.3 Test Procedures

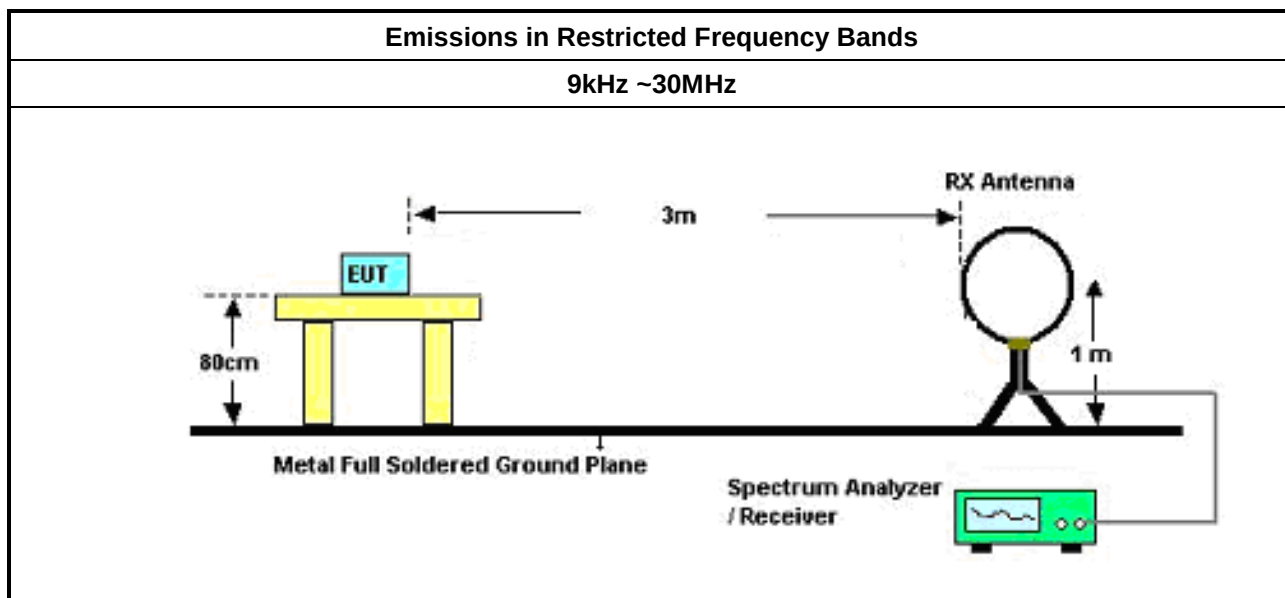
Test Method	
- The average emission levels shall be measured in [hopping duty factor]. - Refer as ANSI C63.10; clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band. - For the transmitter unwanted emissions shall be measured using following options below: - Refer as ANSI C63.10, clause 4.1.5.2.1 QP value. - Refer as ANSI C63.10, clause 4.1.5.2.2 measurement procedure peak. - Refer as ANSI C63.10, clause 4.1.5.2.5 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.	

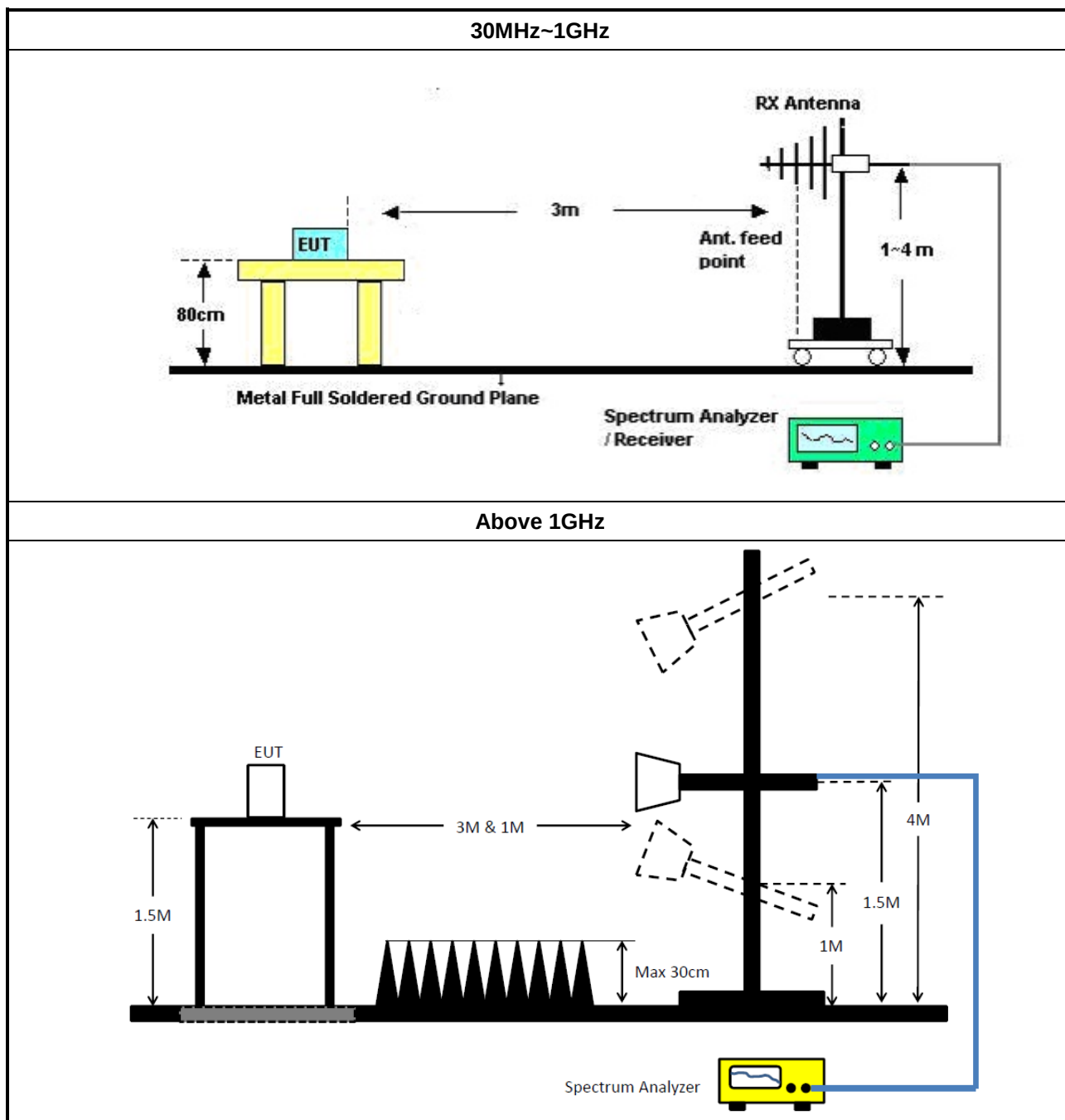
3.7.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.7.5 Test Setup





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	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	25/Feb/2026	24/Feb/2027
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	1056	9kHz ~ 30MHz	25/Jun/2025	24/Jun/2026
Software	Sporton	SENSE-EMI	V5.11.6	-	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	101515	10Hz~40GHz	05/Jan/2026	04/Jan/2027
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	29/Oct/2025	28/Oct/2026
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	17/Dec/2025	16/Dec/2026
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	17/Dec/2025	16/Dec/2026
SENSE-15247_FS	Sporton	V5.11.27	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
N.S.A. Measurement	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3M	12/Jul/2025	11/Jul/2026
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	13/May/2026	12/May/2027
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101750	10Hz~44GHz	14/Apr/2026	13/Apr/2027
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2026	15/Mar/2027
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	25/Aug/2025	24/Aug/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	2268	1GHz~18GHz	03/Oct/2025	02/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	02/Jul/2025	01/Jul/2026
RF Cable	MVE	400LL+SN 200207	03CH02-cable -05	9kHz~1GHz	08/Aug/2025	07/Aug/2026
RF Cable HUBER+SUHNER	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable -06	1GHz~40GHz	15/Aug/2025	14/Aug/2026
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	27/Jun/2025	26/Jun/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	30/Sep/2025	29/Sep/2026
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	60604	18GHz ~40GHz	20/May/2026	19/May/2027
SENSE-15247-FS	Sporton	V5.11.23	N/A	N/A	N/A	N/A

Instrument for Radiated Test Co-location

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101750	10Hz~44GHz	14/Apr/2026	13/Apr/2027
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	2268	1GHz~18GHz	03/Oct/2025	02/Oct/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	02/Jul/2025	01/Jul/2026
RF Cable HUBER+SUHNER	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-06	1GHz~40GHz	15/Aug/2025	14/Aug/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	30/Sep/2025	29/Sep/2026
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	60604	18GHz ~40GHz	20/May/2026	19/May/2027
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

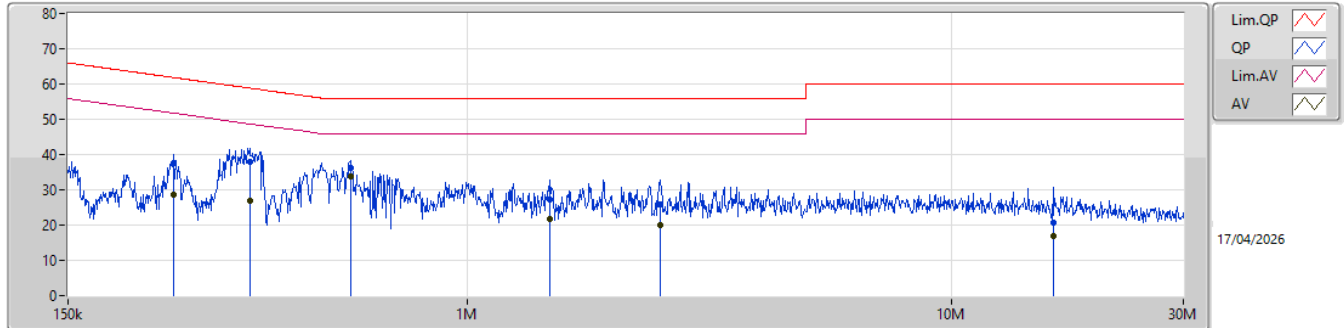
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	573.613k	33.93	46.00	-12.07	Line

Result

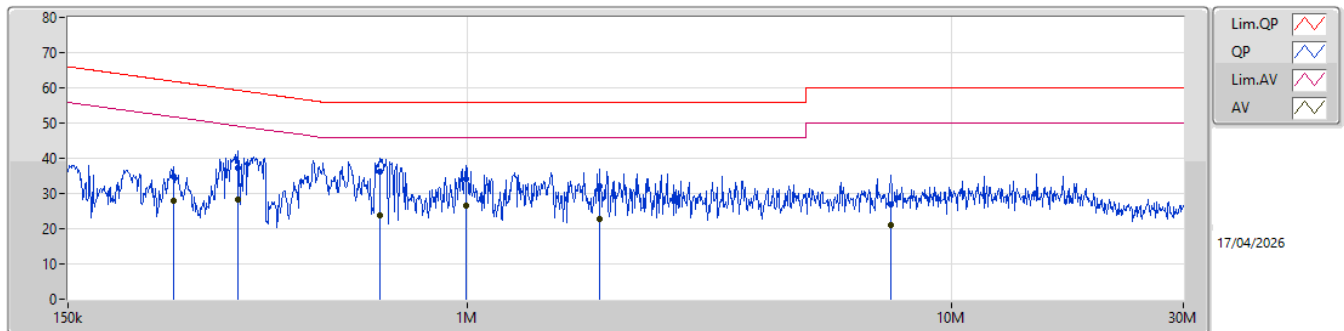
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	247.062k	37.42	61.85	-24.43	Line
Mode 1	Pass	AV	247.062k	28.71	51.85	-23.14	Line
Mode 1	Pass	QP	355.282k	37.92	58.83	-20.91	Line
Mode 1	Pass	AV	355.282k	27.05	48.83	-21.78	Line
Mode 1	Pass	QP	573.613k	36.35	56.00	-19.65	Line
Mode 1	Pass	AV	573.613k	33.93	46.00	-12.07	Line
Mode 1	Pass	QP	1.483M	27.41	56.00	-28.59	Line
Mode 1	Pass	AV	1.483M	21.80	46.00	-24.20	Line
Mode 1	Pass	QP	2.502M	25.70	56.00	-30.30	Line
Mode 1	Pass	AV	2.502M	19.94	46.00	-26.06	Line
Mode 1	Pass	QP	16.144M	20.54	60.00	-39.46	Line
Mode 1	Pass	AV	16.144M	16.82	50.00	-33.18	Line
Mode 1	Pass	QP	247.062k	34.79	61.85	-27.06	Neutral
Mode 1	Pass	AV	247.062k	28.06	51.85	-23.79	Neutral
Mode 1	Pass	QP	335.971k	37.10	59.31	-22.21	Neutral
Mode 1	Pass	AV	335.971k	28.18	49.31	-21.13	Neutral
Mode 1	Pass	QP	659.627k	36.32	56.00	-19.68	Neutral
Mode 1	Pass	AV	659.627k	23.78	46.00	-22.22	Neutral
Mode 1	Pass	QP	995.11k	34.15	56.00	-21.85	Neutral
Mode 1	Pass	AV	995.11k	26.63	46.00	-19.37	Neutral
Mode 1	Pass	QP	1.87M	32.19	56.00	-23.81	Neutral
Mode 1	Pass	AV	1.87M	22.77	46.00	-23.23	Neutral
Mode 1	Pass	QP	7.471M	26.88	60.00	-33.12	Neutral
Mode 1	Pass	AV	7.471M	20.99	50.00	-29.01	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	247.062k	37.42	61.85	-24.43	19.88	Line	17.54	9.64	0.12	10.12								
AV	247.062k	28.71	51.85	-23.14	19.88	Line	8.83	9.64	0.12	10.12								
QP	355.282k	37.92	58.83	-20.91	19.86	Line	18.06	9.63	0.11	10.12								
AV	355.282k	27.05	48.83	-21.78	19.86	Line	7.19	9.63	0.11	10.12								
QP	573.613k	36.35	56.00	-19.65	19.84	Line	16.51	9.63	0.09	10.12								
AV	573.613k	33.93	46.00	-12.07	19.84	Line	14.09	9.63	0.09	10.12								
QP	1.483M	27.41	56.00	-28.59	19.83	Line	7.58	9.65	0.05	10.13								
AV	1.483M	21.80	46.00	-24.20	19.83	Line	1.97	9.65	0.05	10.13								
QP	2.502M	25.70	56.00	-30.30	19.85	Line	5.85	9.65	0.07	10.13								
AV	2.502M	19.94	46.00	-26.06	19.85	Line	0.09	9.65	0.07	10.13								
QP	16.144M	20.54	60.00	-39.46	20.13	Line	0.41	9.64	0.36	10.13								
AV	16.144M	16.82	50.00	-33.18	20.13	Line	-3.31	9.64	0.36	10.13								

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)								
QP	247.062k	34.79	61.85	-27.06	19.87	Neutral	14.92	9.63	0.12	10.12								
AV	247.062k	28.06	51.85	-23.79	19.87	Neutral	8.19	9.63	0.12	10.12								
QP	335.971k	37.10	59.31	-22.21	19.86	Neutral	17.24	9.63	0.11	10.12								
AV	335.971k	28.18	49.31	-21.13	19.86	Neutral	8.32	9.63	0.11	10.12								
QP	659.627k	36.32	56.00	-19.68	19.84	Neutral	16.48	9.64	0.08	10.12								
AV	659.627k	23.78	46.00	-22.22	19.84	Neutral	3.94	9.64	0.08	10.12								
QP	995.11k	34.15	56.00	-21.85	19.83	Neutral	14.32	9.64	0.07	10.12								
AV	995.11k	26.63	46.00	-19.37	19.83	Neutral	6.80	9.64	0.07	10.12								
QP	1.87M	32.19	56.00	-23.81	19.82	Neutral	12.37	9.65	0.04	10.13								
AV	1.87M	22.77	46.00	-23.23	19.82	Neutral	2.95	9.65	0.04	10.13								
QP	7.471M	26.88	60.00	-33.12	20.03	Neutral	6.85	9.69	0.20	10.14								
AV	7.471M	20.99	50.00	-29.01	20.03	Neutral	0.96	9.69	0.20	10.14								

**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)	935k	880.81k	881KF1D	891k	848.326k
BT-EDR(2Mbps)	1.331M	1.206M	1M21G1D	1.32M	1.182M
BT-EDR(3Mbps)	1.345M	1.212M	1M21G1D	1.295M	1.201M

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)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	Inf	935k	850.825k	932.25k	880.81k
2440MHz	Pass	Inf	891k	863.318k	929.5k	855.822k
2480MHz	Pass	Inf	924k	848.326k	918.5k	865.817k
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	Inf	1.32M	1.204M	1.331M	1.199M
2440MHz	Pass	Inf	1.331M	1.196M	1.326M	1.206M
2480MHz	Pass	Inf	1.326M	1.182M	1.32M	1.201M
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	Inf	1.342M	1.211M	1.337M	1.211M
2440MHz	Pass	Inf	1.326M	1.212M	1.342M	1.201M
2480MHz	Pass	Inf	1.345M	1.208M	1.295M	1.203M

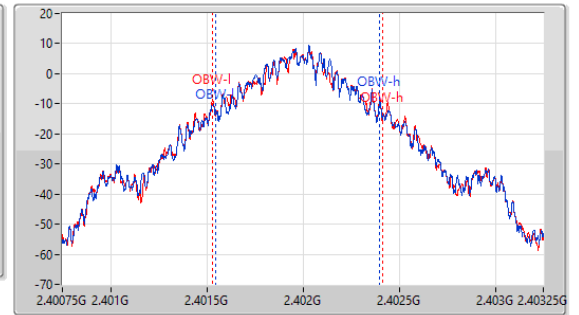
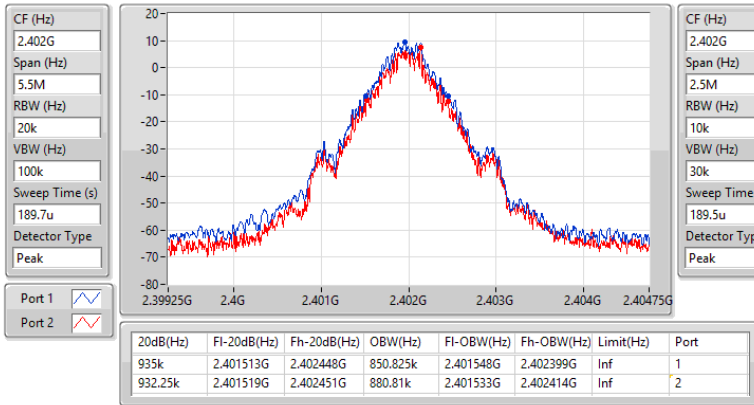
Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

2402MHz

28/03/2026

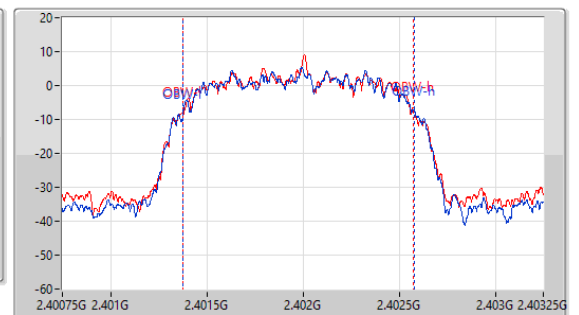
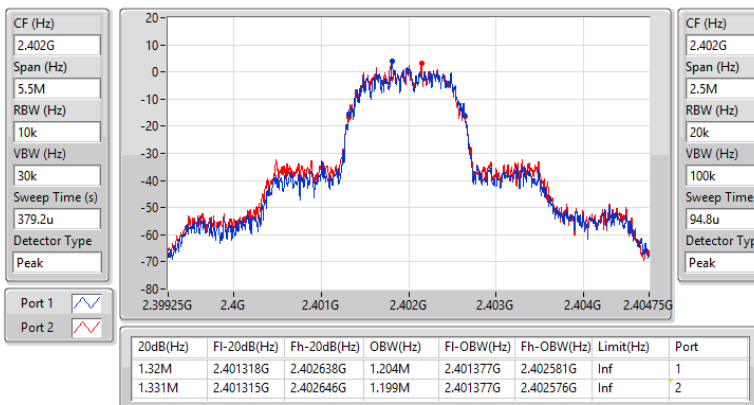


2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

2402MHz

28/03/2026

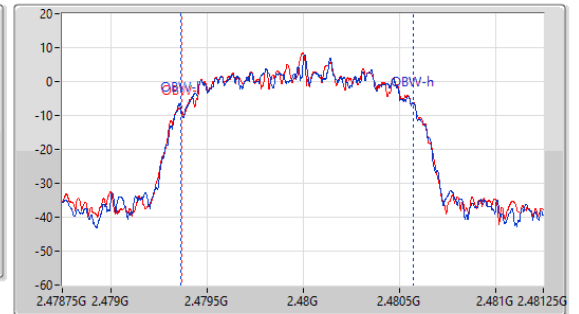
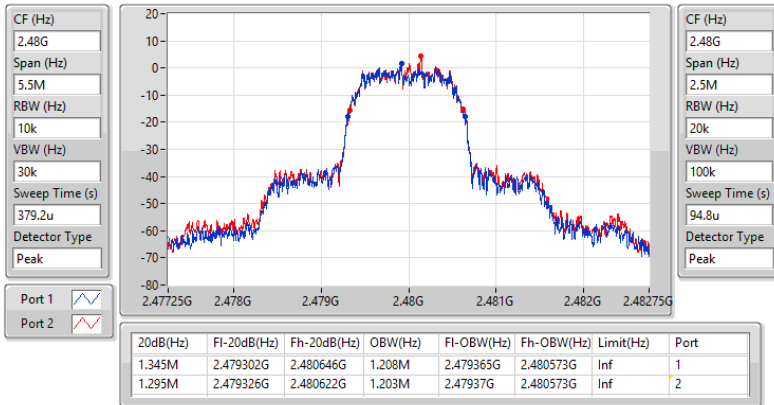


2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2480MHz

28/03/2026



**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)	935k	880.81k	881KF1D	891k	848.326k
BT-EDR(2Mbps)	1.331M	1.206M	1M21G1D	1.32M	1.182M
BT-EDR(3Mbps)	1.345M	1.212M	1M21G1D	1.295M	1.201M

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)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	Inf	935k	850.825k	932.25k	880.81k
2440MHz	Pass	Inf	891k	863.318k	929.5k	855.822k
2480MHz	Pass	Inf	924k	848.326k	918.5k	865.817k
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	Inf	1.32M	1.204M	1.331M	1.199M
2440MHz	Pass	Inf	1.331M	1.196M	1.326M	1.206M
2480MHz	Pass	Inf	1.326M	1.182M	1.32M	1.201M
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	Inf	1.342M	1.211M	1.337M	1.211M
2440MHz	Pass	Inf	1.326M	1.212M	1.342M	1.201M
2480MHz	Pass	Inf	1.345M	1.208M	1.295M	1.203M

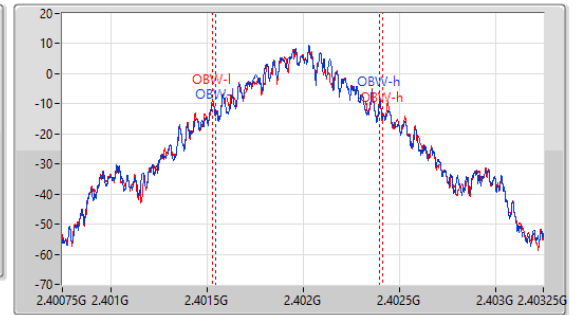
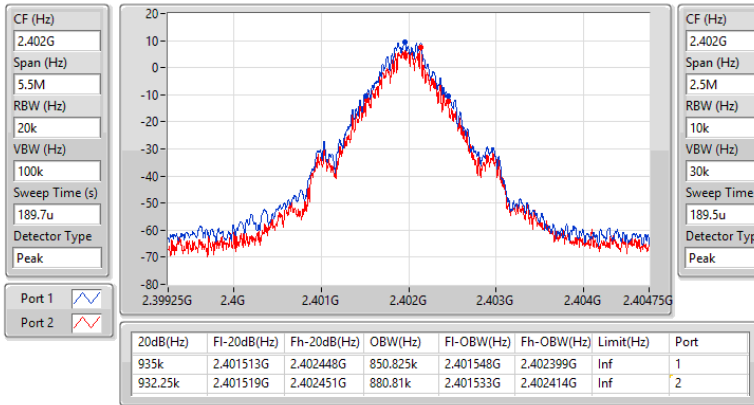
Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

2402MHz

28/03/2026

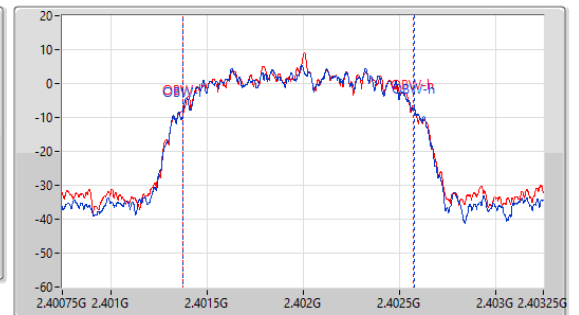
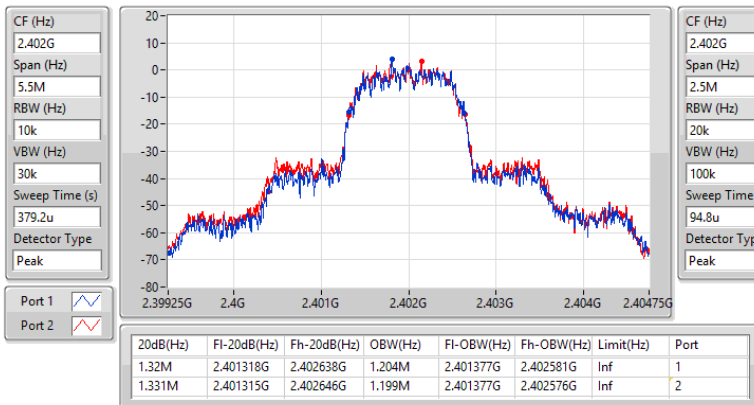


2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

2402MHz

28/03/2026

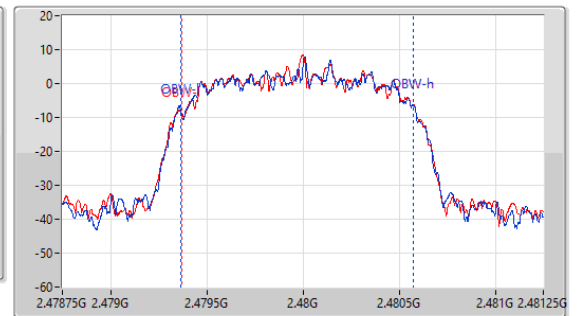
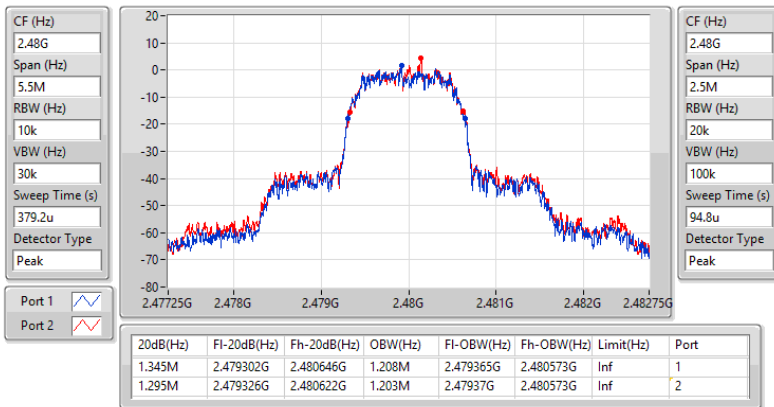


2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2480MHz

28/03/2026





Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0035M	996k
BT-EDR(2Mbps)	1.0035M	1.0005M
BT-EDR(3Mbps)	1.002M	999k

Result

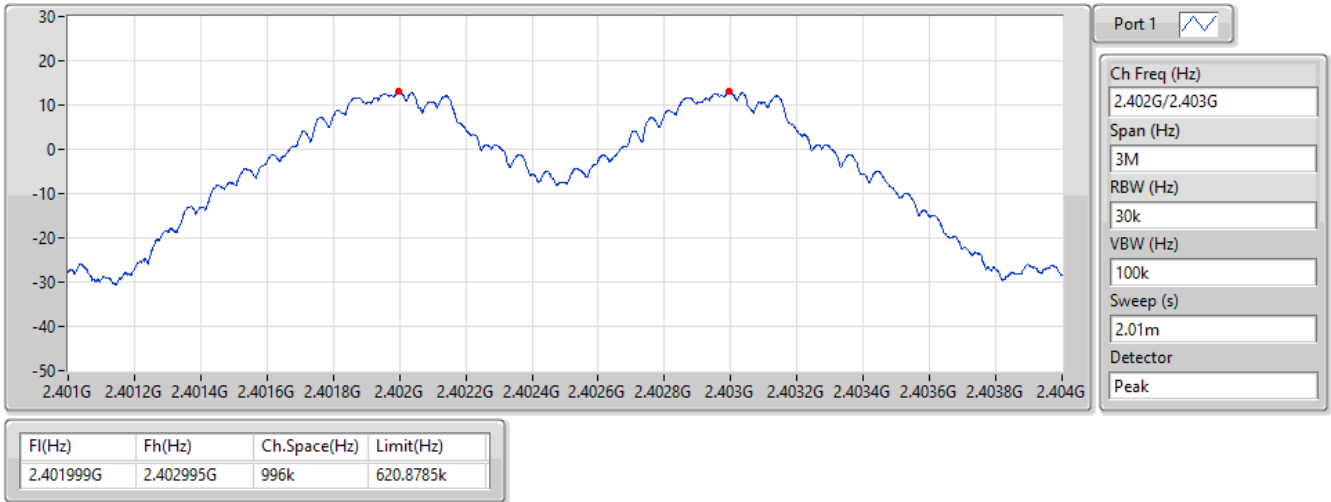
Mode	Result	Fi (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.401999G	2.402995G	996k	620.8785k
2440MHz	Pass	2.439993G	2.440997G	1.0035M	593.406k
2480MHz	Pass	2.478996G	2.479994G	997.5k	611.721k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.401993G	2.402997G	1.0035M	879.12k
2440MHz	Pass	2.439995G	2.440995G	1.0005M	883.116k
2480MHz	Pass	2.478995G	2.479995G	1.0005M	879.12k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.401995G	2.402997G	1.002M	890.442k
2440MHz	Pass	2.439993G	2.440995G	1.002M	763.902k
2480MHz	Pass	2.478996G	2.479995G	999k	862.47k

2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.402G/2.403GHz

28/03/2026

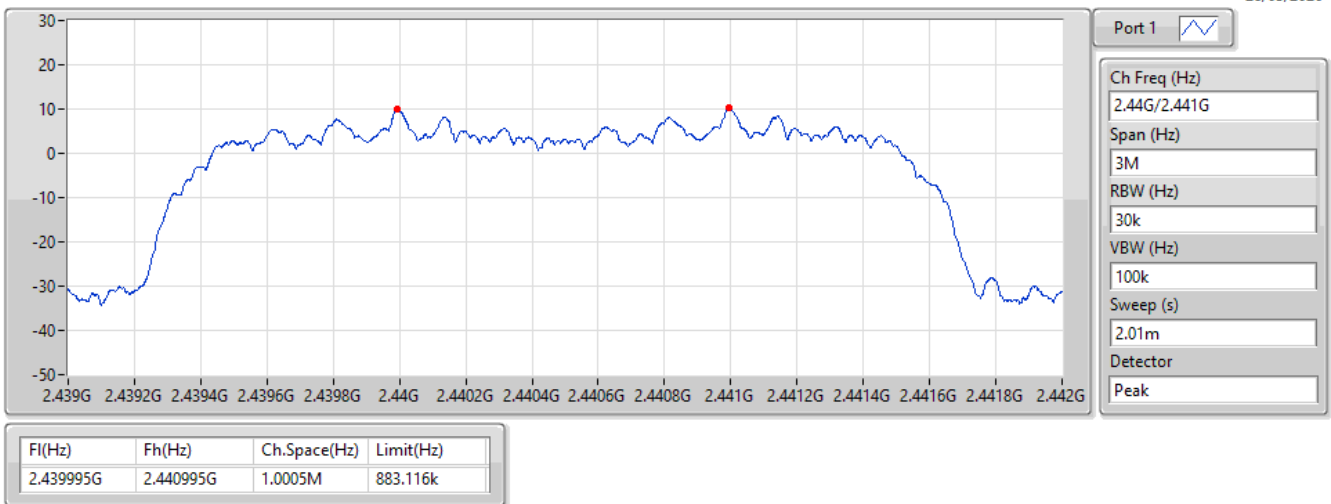


2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.44G/2.441GHz

28/03/2026



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.48G/2.479GHz

28/03/2026





Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0035M	996k
BT-EDR(2Mbps)	1.0035M	1.0005M
BT-EDR(3Mbps)	1.002M	999k

Result

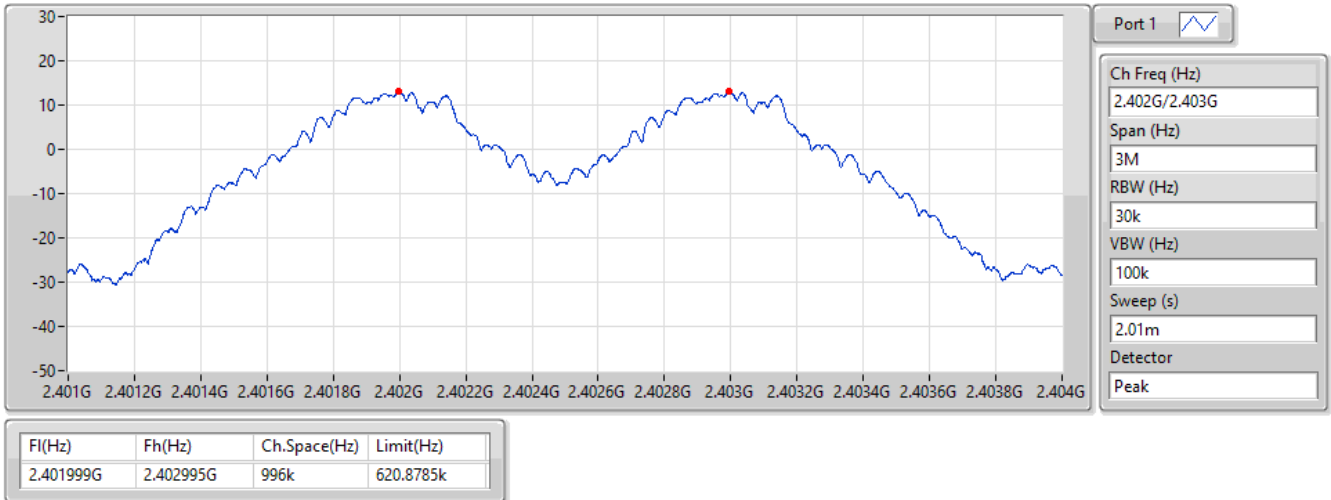
Mode	Result	Fi (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.401999G	2.402995G	996k	620.8785k
2440MHz	Pass	2.439993G	2.440997G	1.0035M	593.406k
2480MHz	Pass	2.478996G	2.479994G	997.5k	611.721k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.401993G	2.402997G	1.0035M	879.12k
2440MHz	Pass	2.439995G	2.440995G	1.0005M	883.116k
2480MHz	Pass	2.478995G	2.479995G	1.0005M	879.12k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.401995G	2.402997G	1.002M	890.442k
2440MHz	Pass	2.439993G	2.440995G	1.002M	763.902k
2480MHz	Pass	2.478996G	2.479995G	999k	862.47k

2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.402G/2.403GHz

28/03/2026

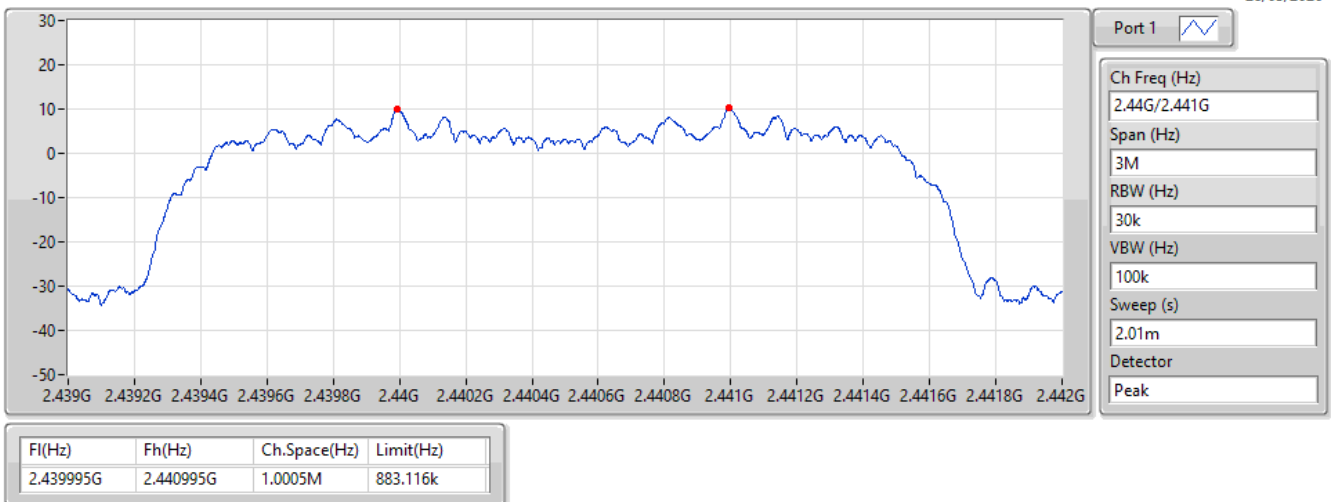


2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.44G/2.441GHz

28/03/2026



2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.48G/2.479GHz

28/03/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	15.43	0.03491
BT-EDR(2Mbps)	12.28	0.01690
BT-EDR(3Mbps)	12.16	0.01644

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	2.87	12.11	12.71	15.43	21.00
2440MHz	Pass	2.87	12.02	12.36	15.20	21.00
2480MHz	Pass	2.87	11.59	11.72	14.67	21.00
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	2.87	8.85	9.65	12.28	21.00
2440MHz	Pass	2.87	8.72	9.20	11.98	21.00
2480MHz	Pass	2.87	8.53	8.64	11.60	21.00
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	2.87	8.83	9.44	12.16	21.00
2440MHz	Pass	2.87	8.98	9.26	12.13	21.00
2480MHz	Pass	2.87	8.51	8.64	11.59	21.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	15.43	0.03491
BT-EDR(2Mbps)	12.28	0.01690
BT-EDR(3Mbps)	12.16	0.01644

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.51	12.11	12.71	15.43	21.00
2440MHz	Pass	3.51	12.02	12.36	15.20	21.00
2480MHz	Pass	3.51	11.59	11.72	14.67	21.00
BT-EDR(2Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.51	8.85	9.65	12.28	21.00
2440MHz	Pass	3.51	8.72	9.20	11.98	21.00
2480MHz	Pass	3.51	8.53	8.64	11.60	21.00
BT-EDR(3Mbps)	-	-	-	-	-	-
2402MHz	Pass	3.51	8.83	9.44	12.16	21.00
2440MHz	Pass	3.51	8.98	9.26	12.13	21.00
2480MHz	Pass	3.51	8.51	8.64	11.59	21.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	15.62	0.03648
BT-EDR(2Mbps)	14.99	0.03155
BT-EDR(3Mbps)	15.37	0.03443



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-			-	-
2402MHz	Pass	2.87	12.29	12.9	15.62	21.00
2440MHz	Pass	2.87	12.23	12.55	15.40	21.00
2480MHz	Pass	2.87	11.82	11.93	14.89	21.00
BT-EDR(2Mbps)	-	-			-	-
2402MHz	Pass	2.87	11.59	12.33	14.99	21.00
2440MHz	Pass	2.87	11.59	11.92	14.77	21.00
2480MHz	Pass	2.87	11.25	11.35	14.31	21.00
BT-EDR(3Mbps)	-	-			-	-
2402MHz	Pass	2.87	11.94	12.74	15.37	21.00
2440MHz	Pass	2.87	12.08	12.45	15.28	21.00
2480MHz	Pass	2.87	11.66	11.81	14.75	21.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	15.62	0.03648
BT-EDR(2Mbps)	14.99	0.03155
BT-EDR(3Mbps)	15.37	0.03443



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-			-	-
2402MHz	Pass	3.51	12.29	12.9	15.62	21.00
2440MHz	Pass	3.51	12.23	12.55	15.40	21.00
2480MHz	Pass	3.51	11.82	11.93	14.89	21.00
BT-EDR(2Mbps)	-	-			-	-
2402MHz	Pass	3.51	11.59	12.33	14.99	21.00
2440MHz	Pass	3.51	11.59	11.92	14.77	21.00
2480MHz	Pass	3.51	11.25	11.35	14.31	21.00
BT-EDR(3Mbps)	-	-			-	-
2402MHz	Pass	3.51	11.94	12.74	15.37	21.00
2440MHz	Pass	3.51	12.08	12.45	15.28	21.00
2480MHz	Pass	3.51	11.66	11.81	14.75	21.00

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.



Summary

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



Result

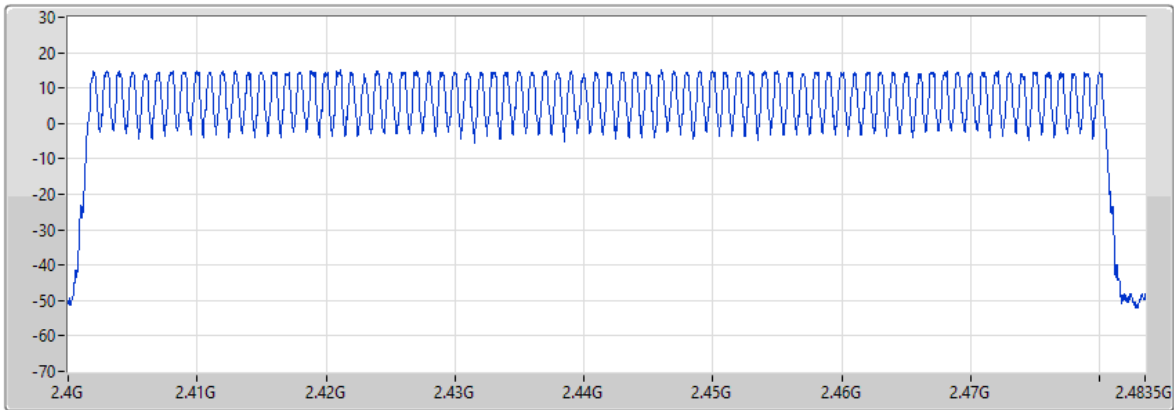
Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2440MHz	Pass	79	15

2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

2440MHz

28/03/2026



Port 1 

Hopping No
80

Span (Hz)
83.5M

RBW (Hz)
100k

VBW (Hz)
300kHz

Sweep (s)
265.3us

Detector
Peak

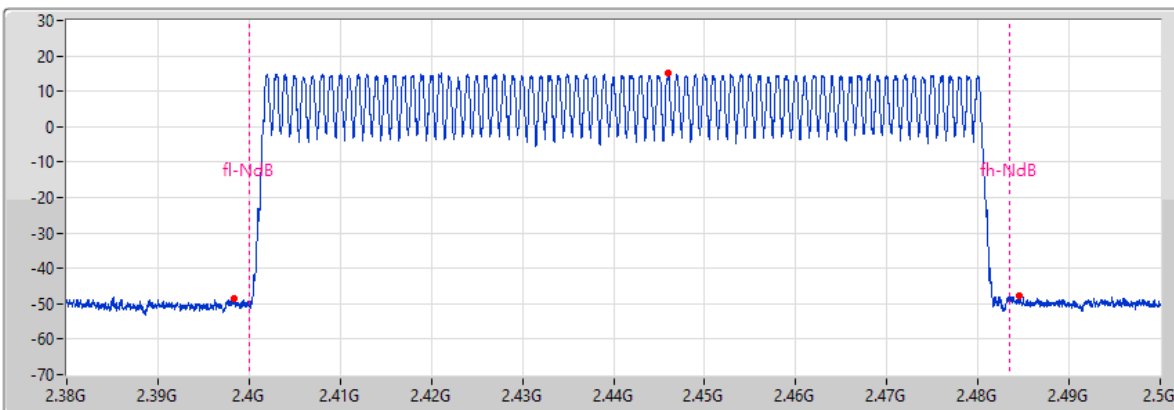
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

28/03/2026



Port 1 

Span (Hz)
120M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep (s)
265.3u

Detector
Peak

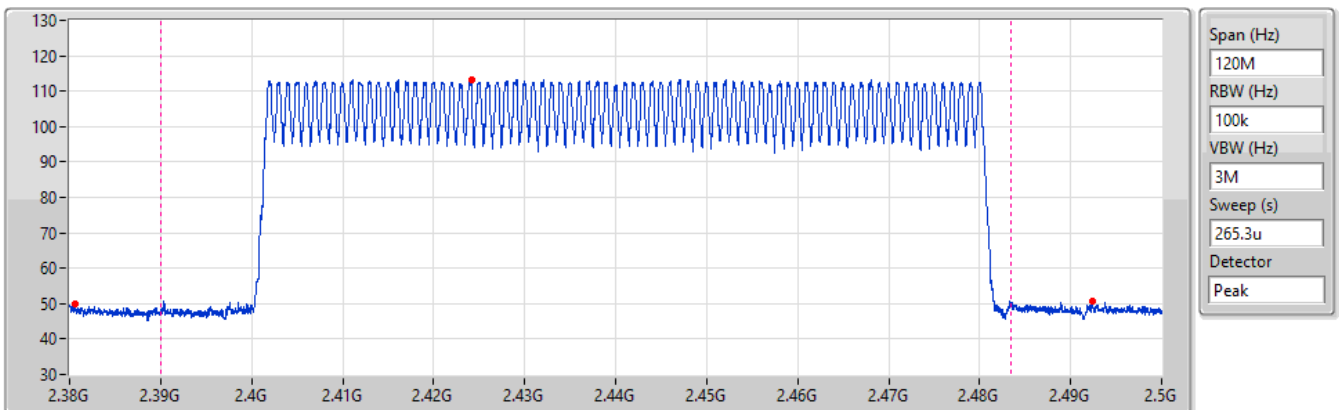
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-4.93	2.44597G	15.07	2.398405G	-48.68	2.48446G	-47.72

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

28/03/2026



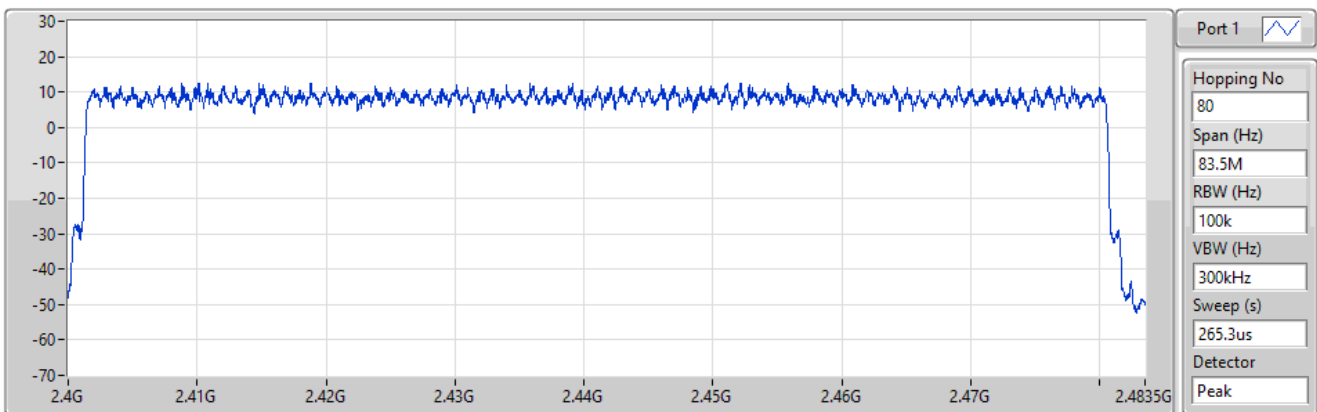
Ref(Hz)	Ref(dBuV/m)	BE-l(Hz)	PK(dBuV/m)	AV(dBuV/m)	BE-h(Hz)	PK(dBuV/m)	AV(dBuV/m)	LimPK(dBuV/	LimAV(dBuV/	Tx On(ms)	DCF(dB)
2.42413G	113.24	2.380555G	50.11	20.01	2.492365G	50.77	20.67	74	54	3.125	-30.1

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping-FS

28/03/2026



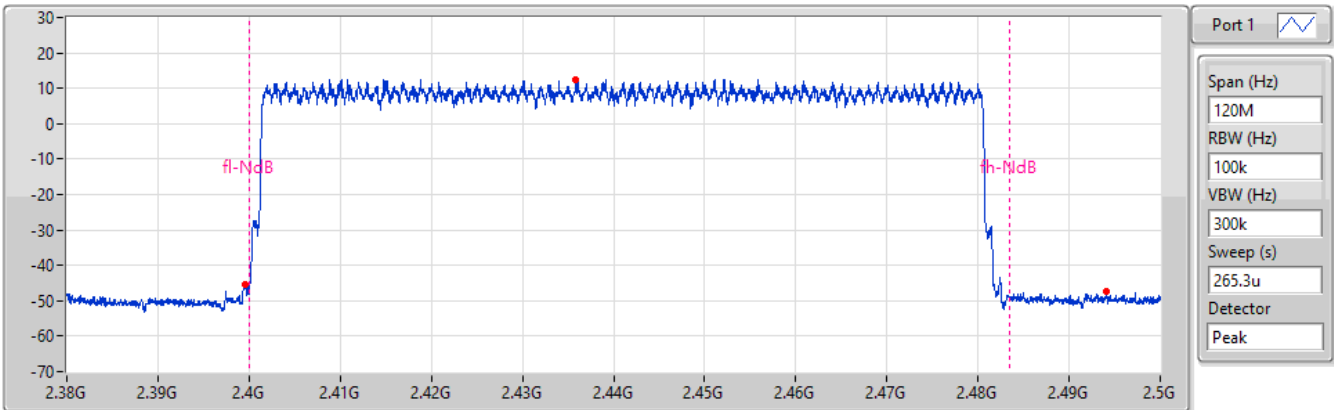
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

28/03/2026

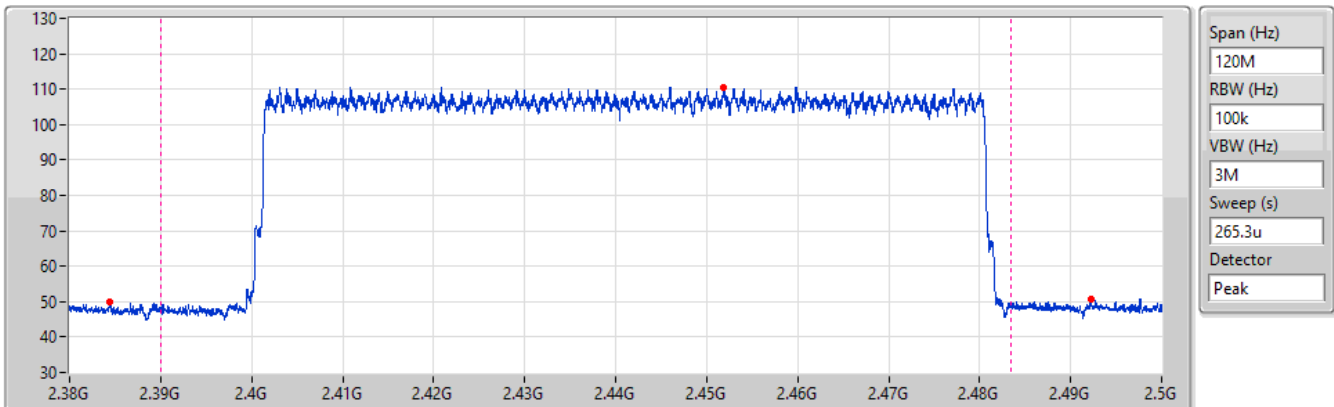


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

28/03/2026

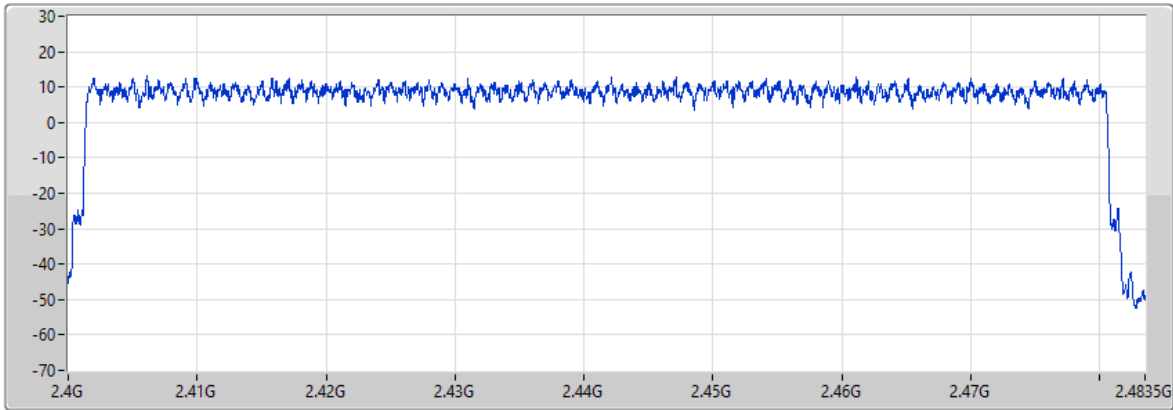


2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

2440MHz

28/03/2026



Port 1

Hopping No

80

Span (Hz)

83.5M

RBW (Hz)

100k

VBW (Hz)

300kHz

Sweep (s)

265.3us

Detector

Peak

Hopping No

79

Limit

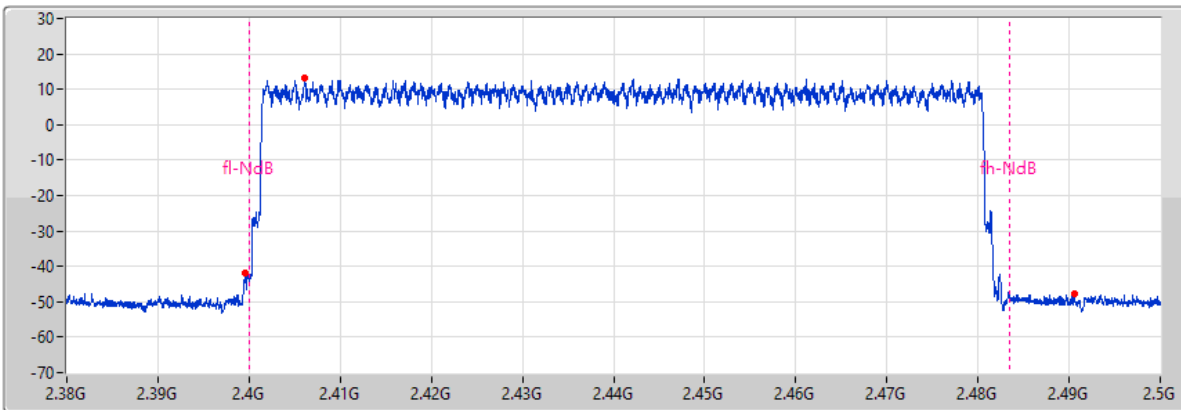
15

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

28/03/2026



Port 1

Span (Hz)

120M

RBW (Hz)

100k

VBW (Hz)

300k

Sweep (s)

265.3u

Detector

Peak

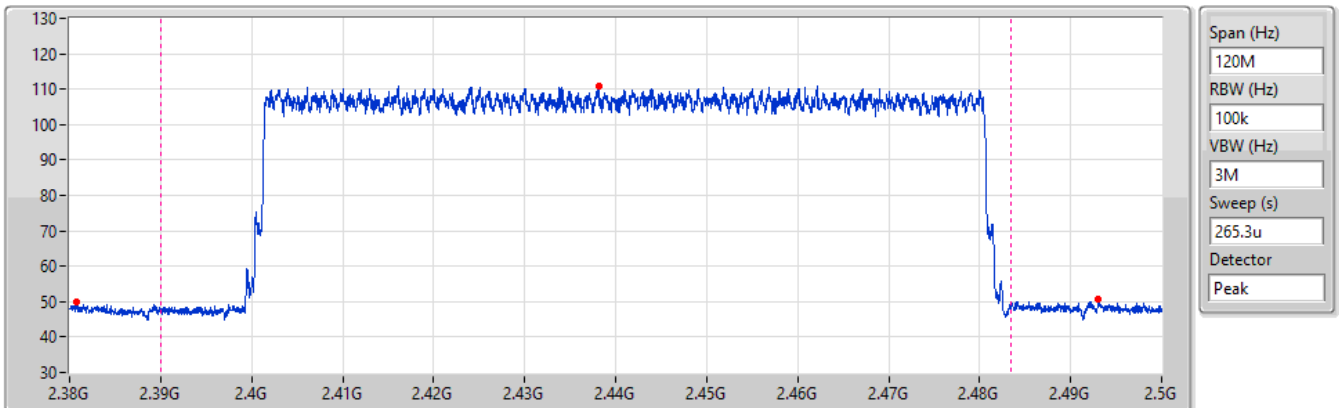
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-6.96	2.40613G	13.04	2.39962G	-42	2.490565G	-47.87

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

28/03/2026



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)
2.43814G	110.95	2.380765G	49.97	19.87	2.493085G	50.81	20.71	74	54	3.125	-30.1



Summary

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

Result

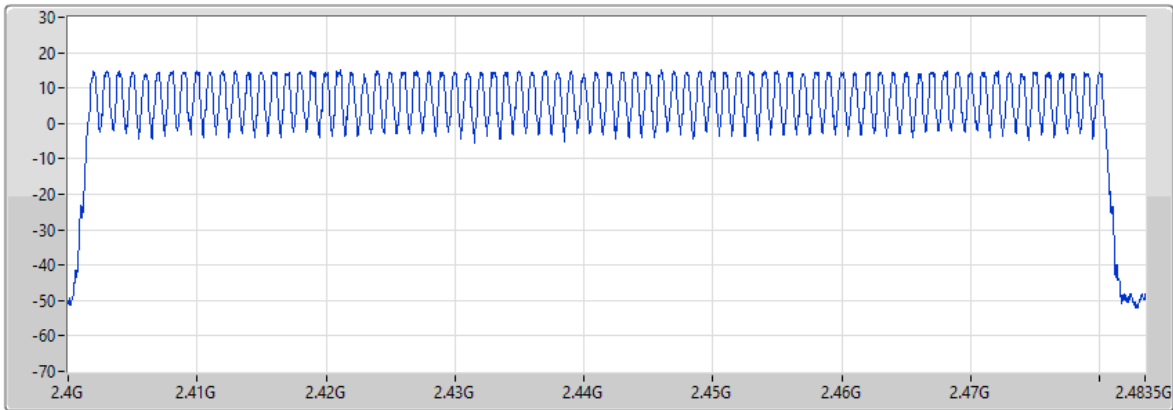
Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2440MHz	Pass	79	15

2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

2440MHz

28/03/2026



Port 1 

Hopping No
80

Span (Hz)
83.5M

RBW (Hz)
100k

VBW (Hz)
300kHz

Sweep (s)
265.3us

Detector
Peak

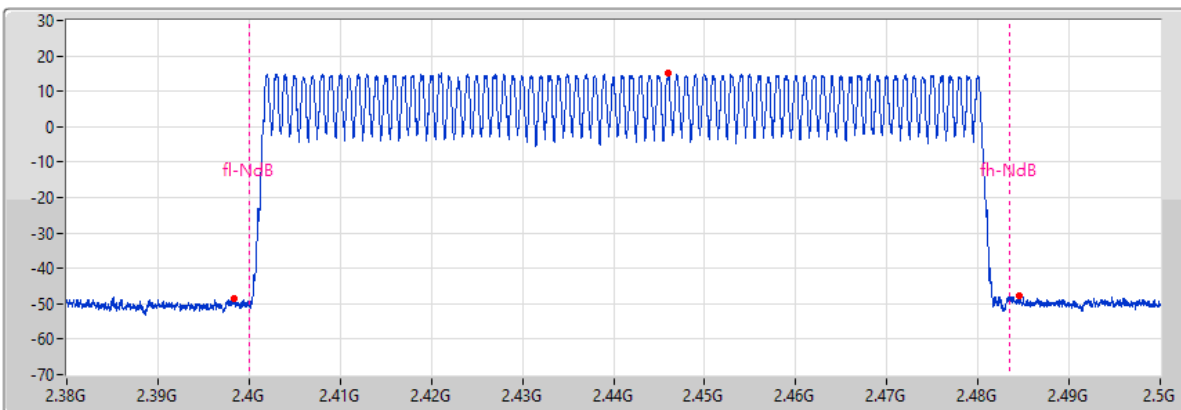
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

28/03/2026



Port 1 

Span (Hz)
120M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep (s)
265.3u

Detector
Peak

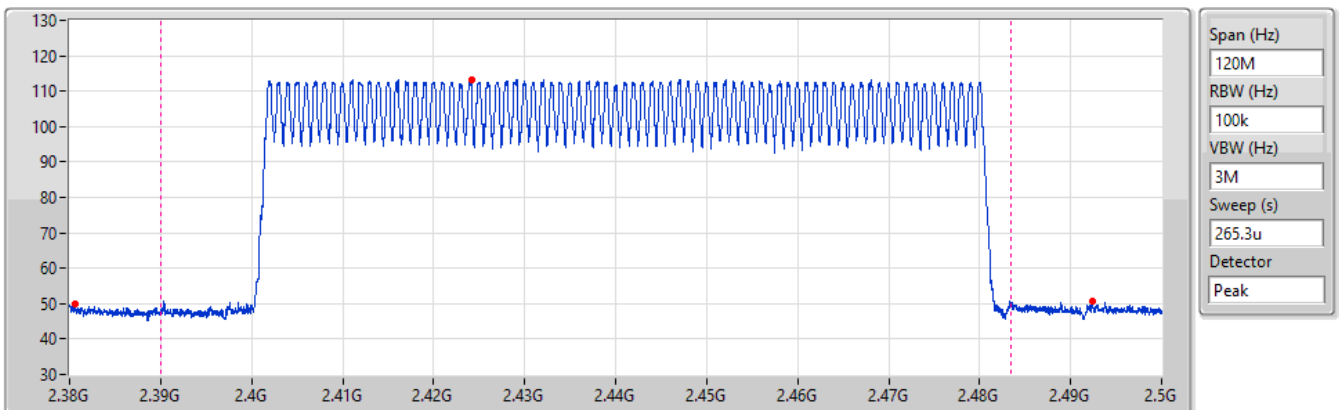
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-4.93	2.44597G	15.07	2.398405G	-48.68	2.48446G	-47.72

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

28/03/2026



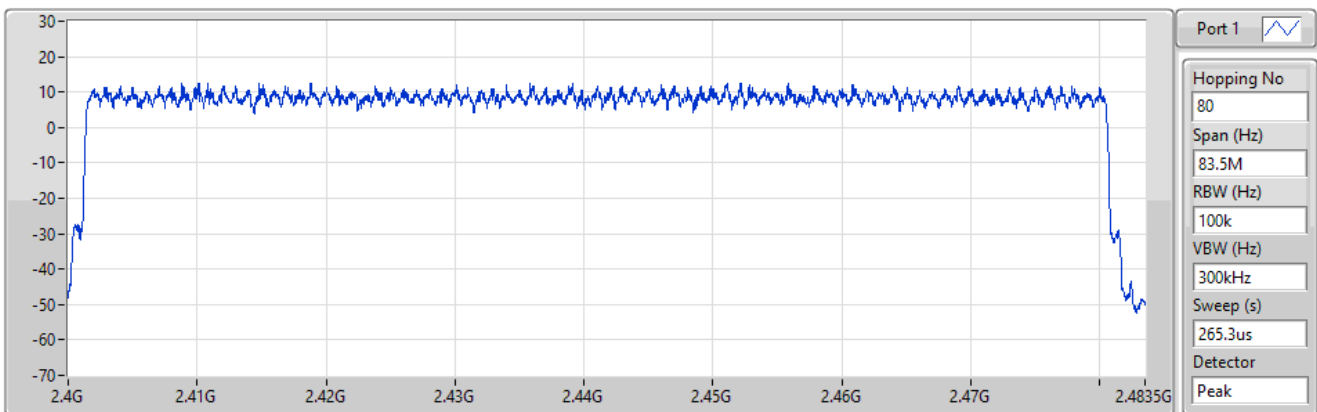
Ref(Hz)	Ref(dBuV/m)	BE-l(Hz)	PK(dBuV/m)	AV(dBuV/m)	BE-h(Hz)	PK(dBuV/m)	AV(dBuV/m)	LimPK(dBuV/	LimAV(dBuV/	Tx On(ms)	DCF(dB)
2.42413G	113.24	2.380555G	50.11	20.01	2.492365G	50.77	20.67	74	54	3.125	-30.1

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping-FS

28/03/2026



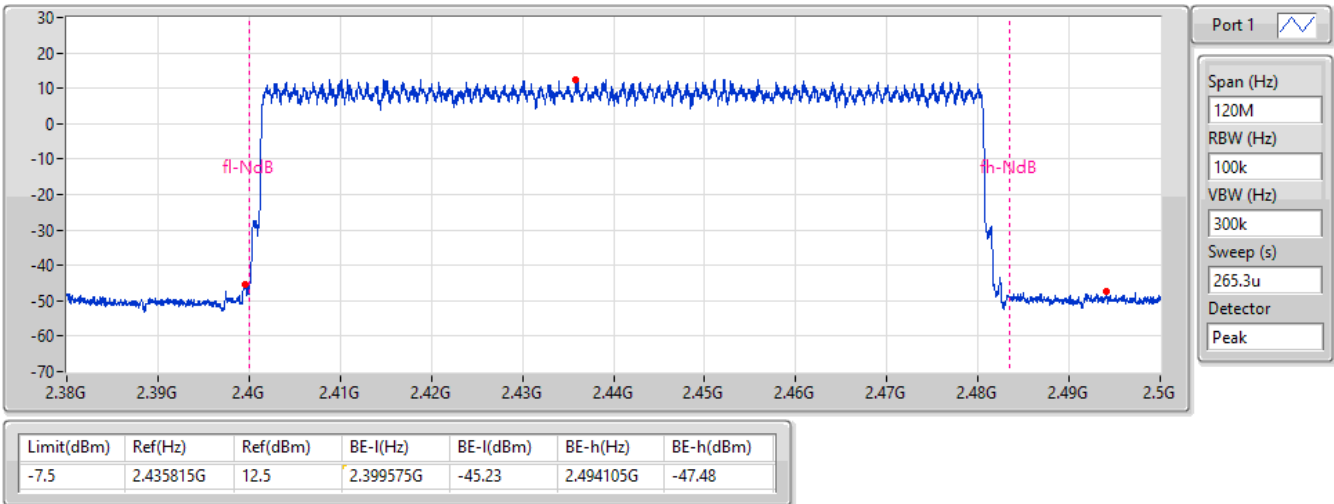
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

28/03/2026

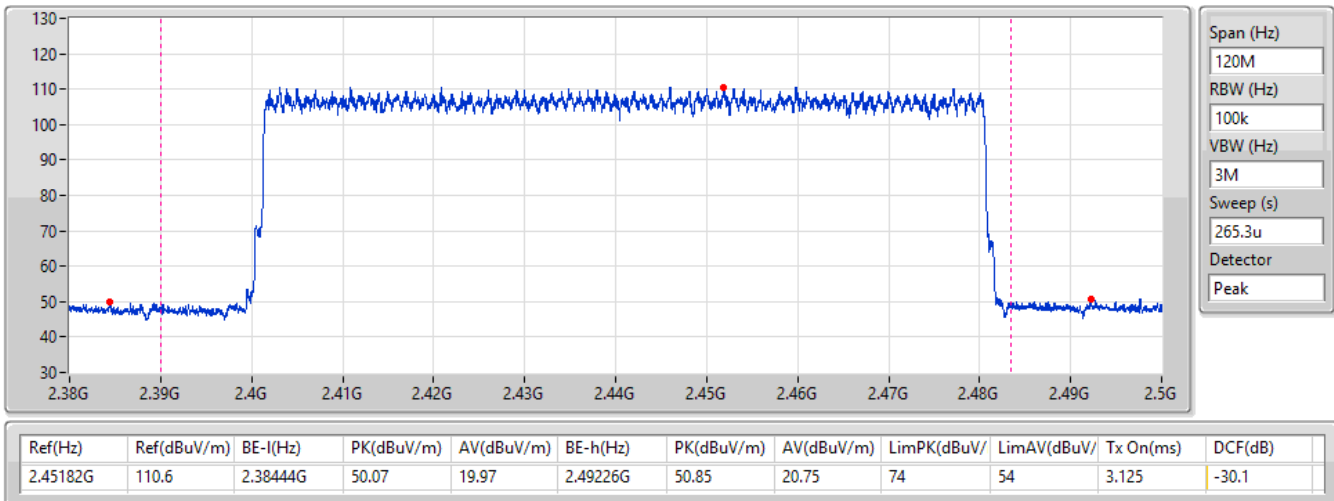


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

28/03/2026

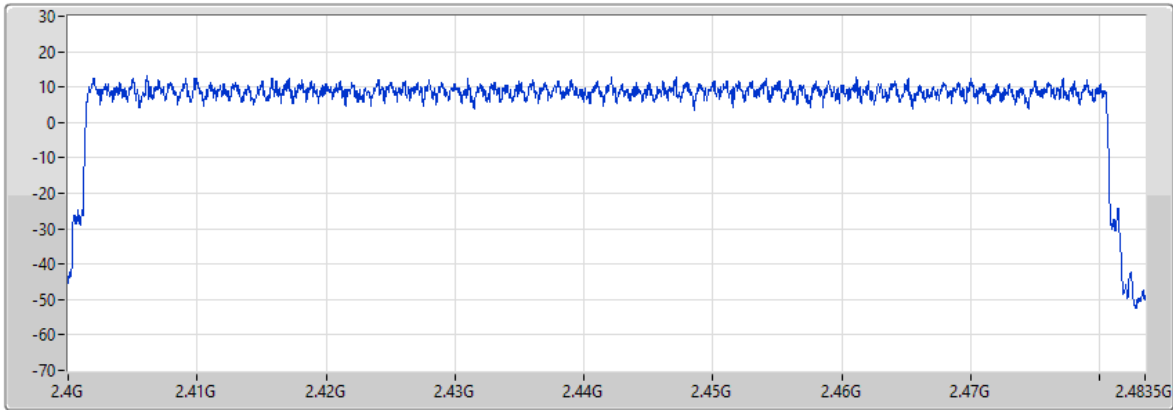


2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

2440MHz

28/03/2026



Port 1

Hopping No
80
Span (Hz)
83.5M
RBW (Hz)
100k
VBW (Hz)
300kHz
Sweep (s)
265.3us
Detector
Peak

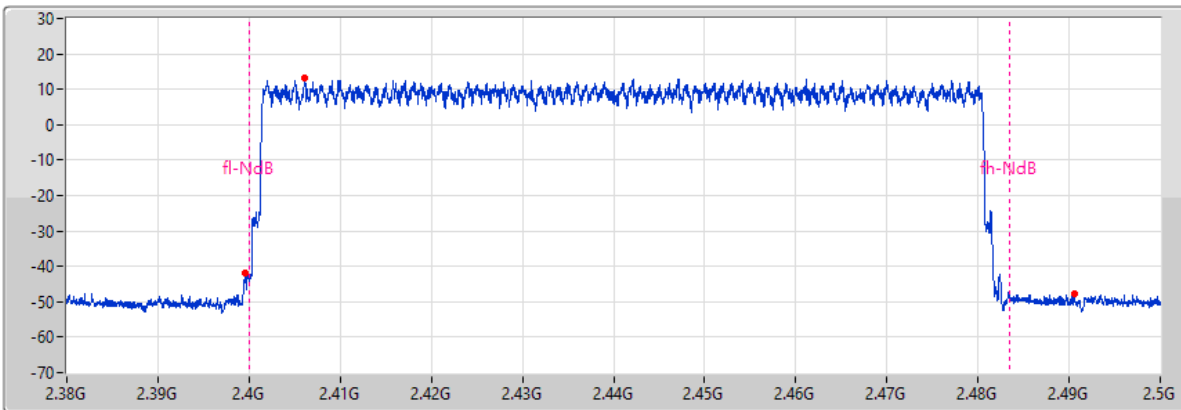
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

28/03/2026



Port 1

Span (Hz)
120M
RBW (Hz)
100k
VBW (Hz)
300k
Sweep (s)
265.3u
Detector
Peak

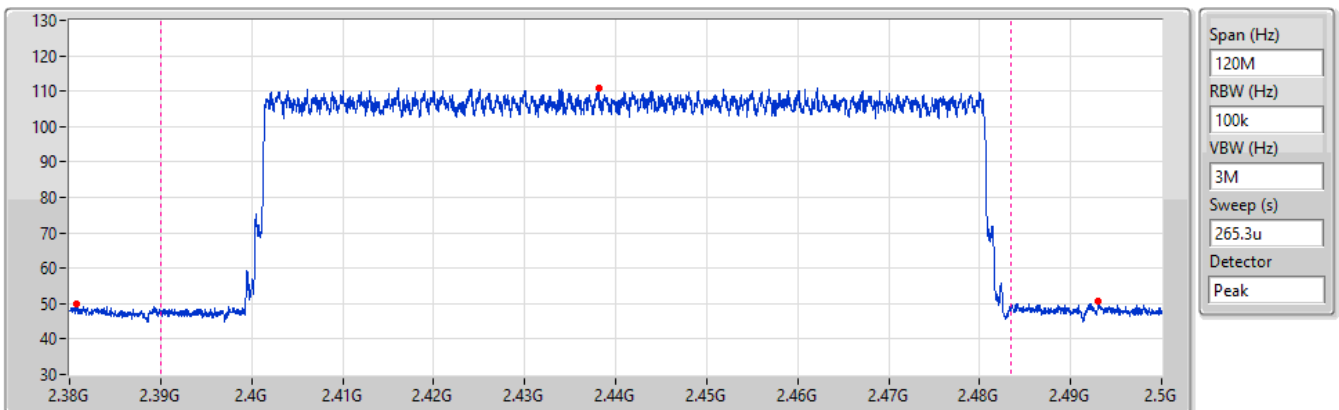
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-6.96	2.40613G	13.04	2.39962G	-42	2.490565G	-47.87

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

28/03/2026



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)
2.43814G	110.95	2.380765G	49.97	19.87	2.493085G	50.81	20.71	74	54	3.125	-30.1



Summary

2.4-2.4835GHz	-
BT-BR(1Mbps)	308.5537m_DH5
BT-EDR(2Mbps)	308.5004m_DH5
BT-EDR(3Mbps)	308.63365m_DH5

Result

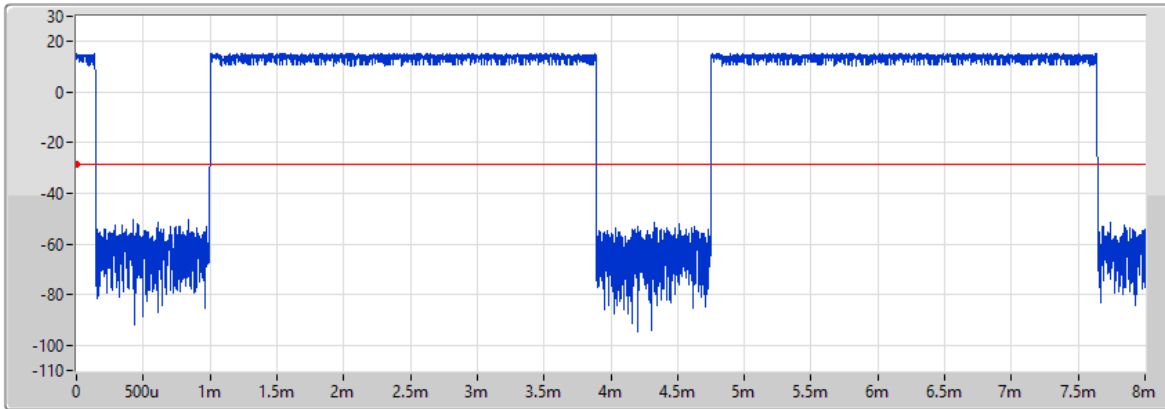
Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.5537m_DH5	400m	2.8945m
2440MHz	Pass	8	154.2502m_DH5-AFH	400m	2.894m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.5004m_DH5	400m	2.894m
2440MHz	Pass	8	154.210225m_DH5-AFH	400m	2.89325m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.63365m_DH5	400m	2.89525m
2440MHz	Pass	8	154.3035m_DH5-AFH	400m	2.895m

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.8945m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.5537m_DH5	400m	2.8945m

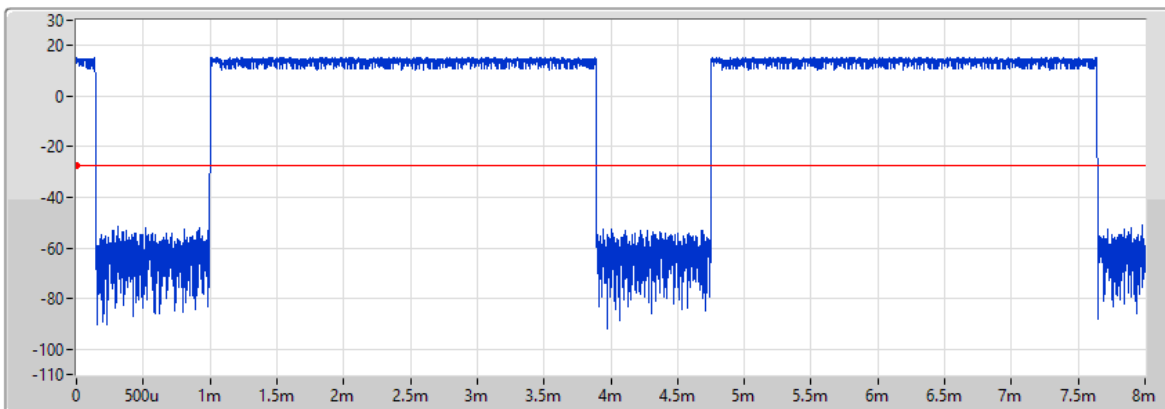
DH5

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.894m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.2502m_DH5-AFH	400m	2.894m

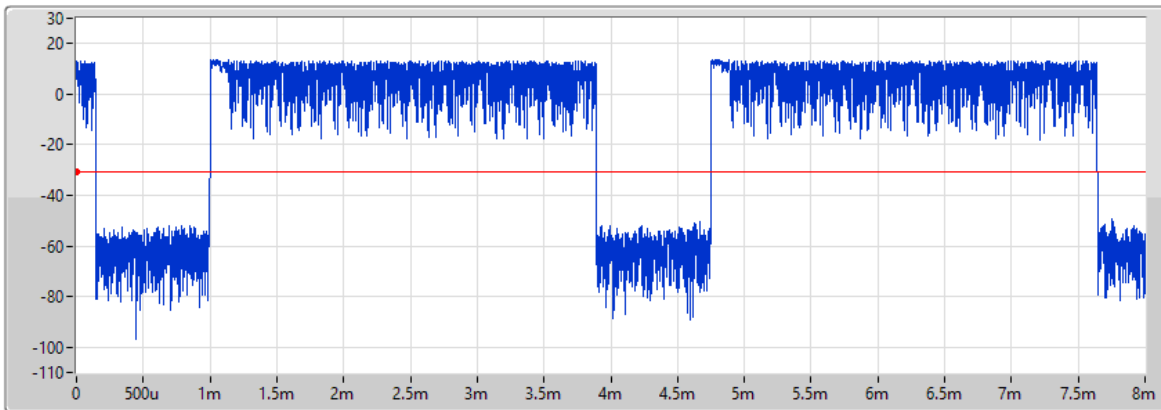
DH5-AFH

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.894m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.5004m_DH5	400m	2.894m

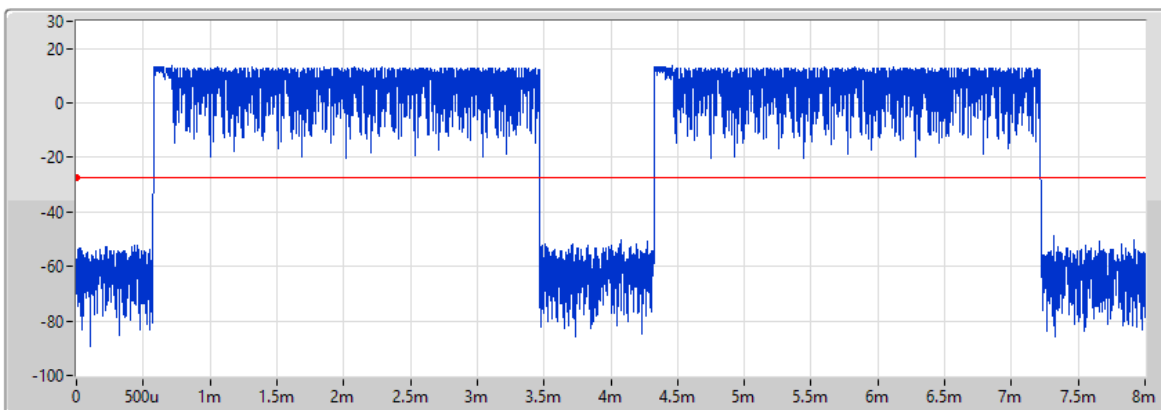
DH5

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.89325m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.210225m_DH5-AFH	400m	2.89325m

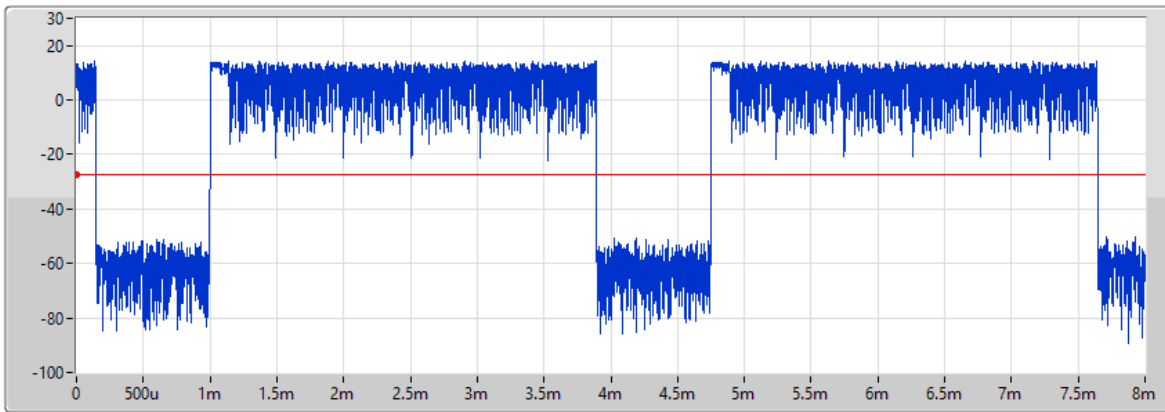
DH5-AFH

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.89525m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.63365m_DH5	400m	2.89525m

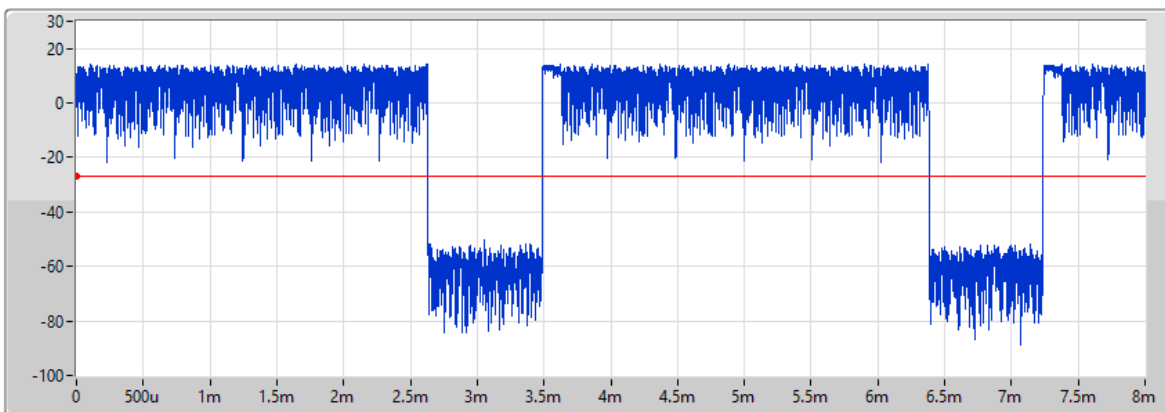
DH5

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.895m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.3035m_DH5-AFH	400m	2.895m

DH5-AFH



Summary

2.4-2.4835GHz	-
BT-BR(1Mbps)	308.5537m_DH5
BT-EDR(2Mbps)	308.5004m_DH5
BT-EDR(3Mbps)	308.63365m_DH5

Result

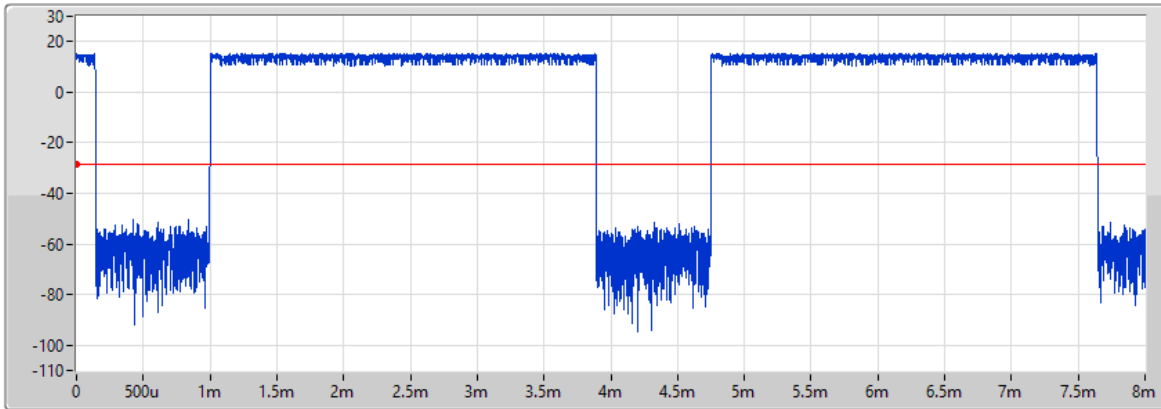
Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.5537m_DH5	400m	2.8945m
2440MHz	Pass	8	154.2502m_DH5-AFH	400m	2.894m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.5004m_DH5	400m	2.894m
2440MHz	Pass	8	154.210225m_DH5-AFH	400m	2.89325m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.63365m_DH5	400m	2.89525m
2440MHz	Pass	8	154.3035m_DH5-AFH	400m	2.895m

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.8945m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.5537m_DH5	400m	2.8945m

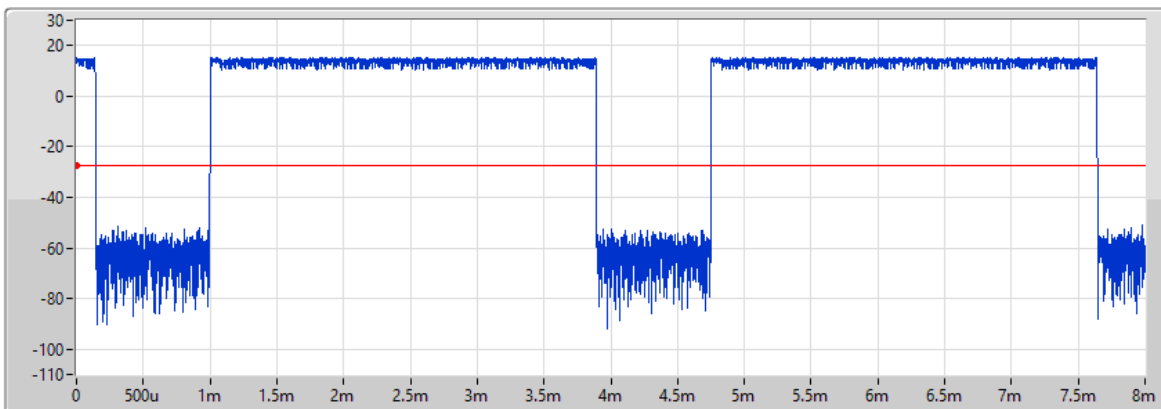
DH5

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.894m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.2502m_DH5-AFH	400m	2.894m

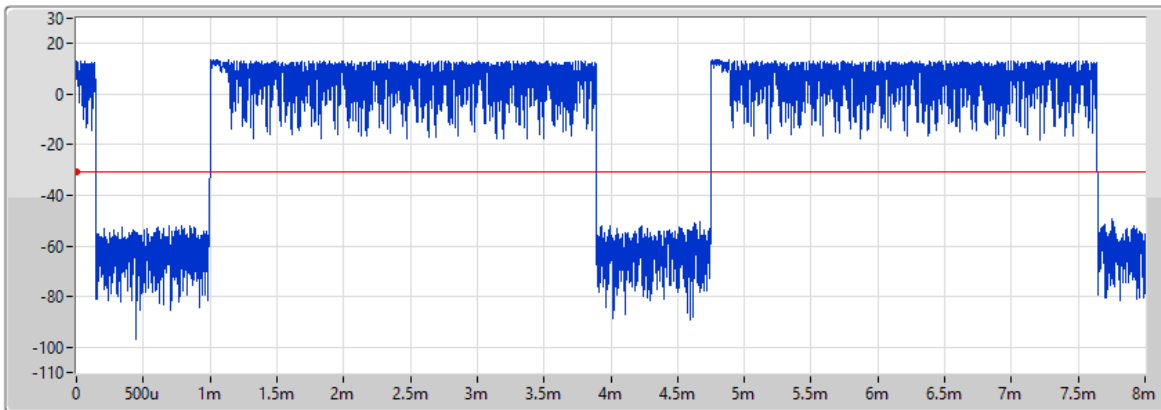
DH5-AFH

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.894m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.5004m_DH5	400m	2.894m

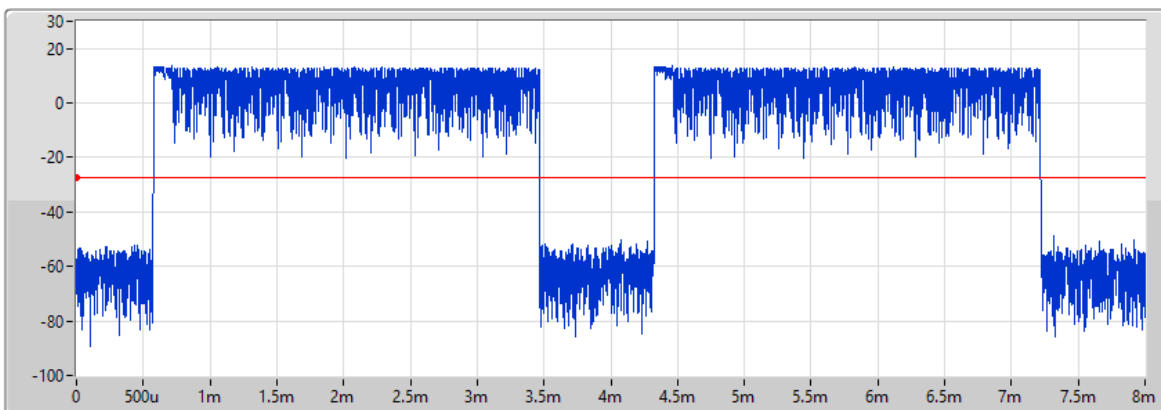
DH5

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.89325m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.210225m_DH5-AFI	400m	2.89325m

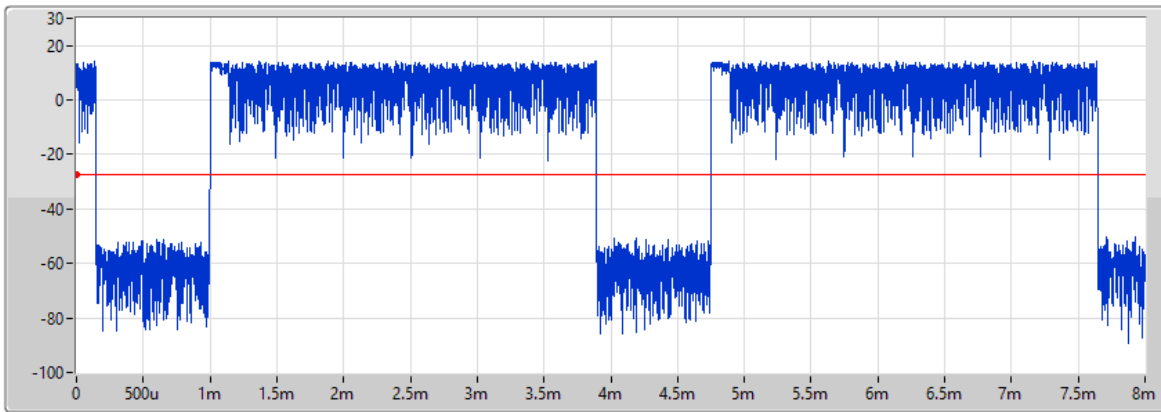
DH5-AFH

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.89525m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.63365m_DH5	400m	2.89525m

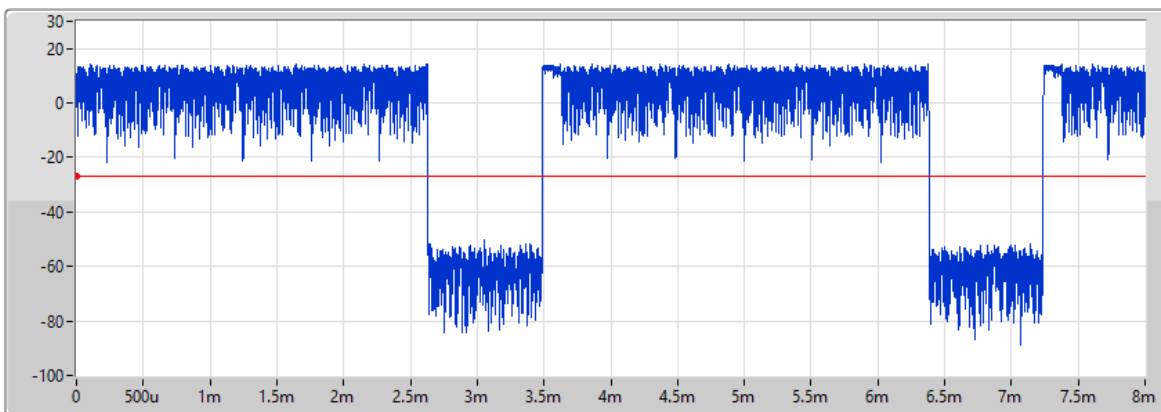
DH5

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

28/03/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.895m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.3035m_DH5-AFH	400m	2.895m

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	2.43991G	15.02	-4.98	2.18378G	-34.83	2.39912G	-54.07	2.4G	-56.38	2.5023G	-53.34	17.62115G	-43.51	2
BT-EDR(2Mbps)	Pass	2.43975G	12.84	-7.16	2.18495G	-35.44	2.396G	-54.15	2.4G	-55.71	2.5031G	-52.51	17.62396G	-43.50	2
BT-EDR(3Mbps)	Pass	2.44008G	12.21	-7.79	2.18495G	-32.66	2.39852G	-54.15	2.4G	-55.83	2.5009G	-53.32	17.6324G	-42.11	2

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	14.54	-5.46	2.14618G	-40.11	2.39904G	-46.53	2.4G	-47.83	2.5011G	-54.33	17.61271G	-39.84	1
2402MHz	Pass	2.40184G	15.20	-4.80	2.14618G	-38.53	2.39972G	-46.10	2.4G	-47.63	2.50102G	-53.96	2.65535G	-41.22	2
2440MHz	Pass	2.44008G	14.83	-5.17	2.18378G	-37.75	2.39224G	-54.23	2.4G	-55.56	2.50286G	-53.55	17.60428G	-42.86	1
2440MHz	Pass	2.43991G	15.02	-4.98	2.18378G	-34.83	2.39912G	-54.07	2.4G	-56.38	2.5023G	-53.34	17.62115G	-43.51	2
2480MHz	Pass	2.47983G	14.70	-5.30	2.09683G	-54.12	2.39316G	-53.44	2.4G	-56.24	2.50298G	-52.44	17.60146G	-42.19	1
2480MHz	Pass	2.47983G	14.65	-5.35	2.16028G	-53.94	2.39044G	-54.09	2.4G	-55.28	2.5023G	-53.04	16.24043G	-43.24	2
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	12.45	-7.55	2.14618G	-39.24	2.39948G	-39.80	2.4G	-41.46	2.50234G	-53.97	17.61271G	-42.60	1
2402MHz	Pass	2.402G	13.08	-6.92	2.14618G	-36.90	2.39952G	-38.05	2.4G	-41.05	2.50034G	-54.08	2.65535G	-39.24	2
2440MHz	Pass	2.43991G	11.96	-8.04	2.18495G	-37.80	2.39508G	-53.93	2.4G	-55.51	2.5027G	-53.15	16.22355G	-42.73	1
2440MHz	Pass	2.43975G	12.84	-7.16	2.18495G	-35.44	2.396G	-54.15	2.4G	-55.71	2.5031G	-52.51	17.62396G	-43.50	2
2480MHz	Pass	2.48016G	12.46	-7.54	2.09683G	-51.66	2.39996G	-54.35	2.4G	-56.36	2.50298G	-53.36	17.60146G	-41.76	1
2480MHz	Pass	2.47983G	12.25	-7.75	2.16028G	-53.90	2.39744G	-54.82	2.4G	-55.80	2.50318G	-52.93	17.60709G	-42.10	2
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	12.64	-7.36	2.14618G	-38.38	2.39952G	-38.20	2.4G	-41.50	2.5033G	-53.20	16.41196G	-42.82	1
2402MHz	Pass	2.402G	12.52	-7.48	2.14618G	-34.46	2.39952G	-38.31	2.4G	-39.38	2.50078G	-53.43	2.65535G	-41.82	2
2440MHz	Pass	2.43975G	12.60	-7.40	2.18495G	-37.09	2.39128G	-54.55	2.4G	-56.97	2.50194G	-52.79	17.62677G	-43.32	1
2440MHz	Pass	2.44008G	12.21	-7.79	2.18495G	-32.66	2.39852G	-54.15	2.4G	-55.83	2.5009G	-53.32	17.6324G	-42.11	2
2480MHz	Pass	2.48016G	12.34	-7.66	2.09683G	-54.56	2.39844G	-54.23	2.4G	-55.89	2.5005G	-53.32	16.21793G	-42.86	1
2480MHz	Pass	2.48016G	12.51	-7.49	2.16028G	-55.14	2.39444G	-54.32	2.4G	-55.17	2.50306G	-53.39	17.60709G	-43.02	2

2.4-2.4835GHz_BT-BR(1Mbps)

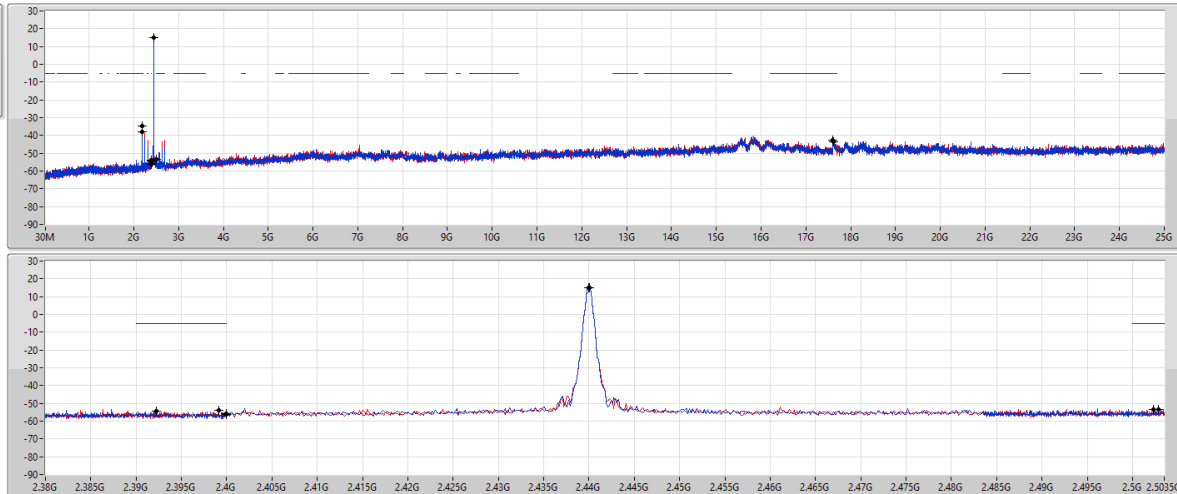
CSEndB-FS

2440MHz

28/03/2026

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44008G	14.83	-5.17	2.18378G	-37.75	2.39224G	-54.23	2.4G	-55.56	2.50286G	-53.55	17.60428G	-42.86	1
2.43991G	15.02	-4.98	2.18378G	-34.83	2.39912G	-54.07	2.4G	-56.38	2.5023G	-53.34	17.62115G	-43.51	2

2.4-2.4835GHz_BT-EDR(2Mbps)

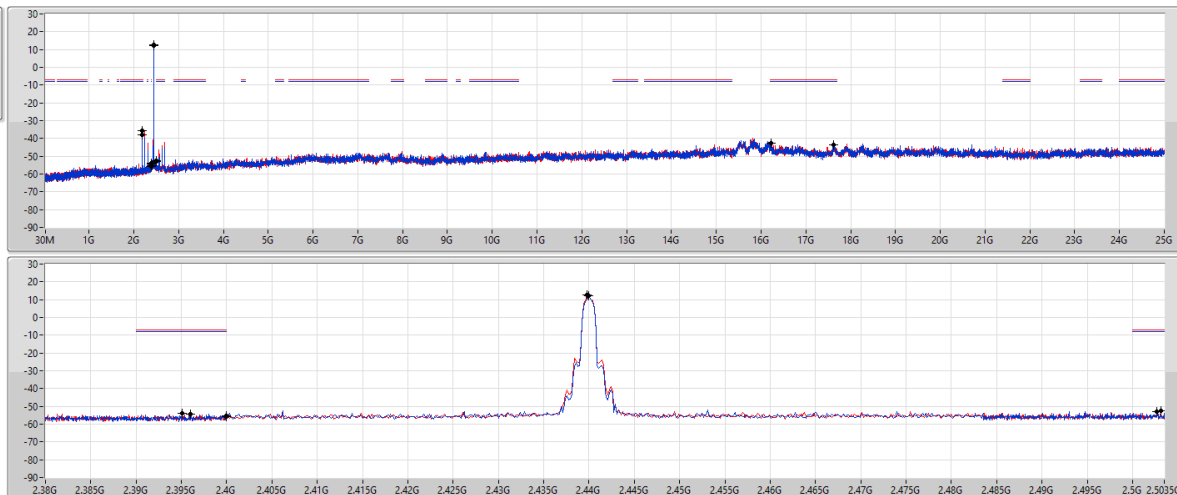
CSEndB-FS

2440MHz

28/03/2026

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

Port 1
Port 2



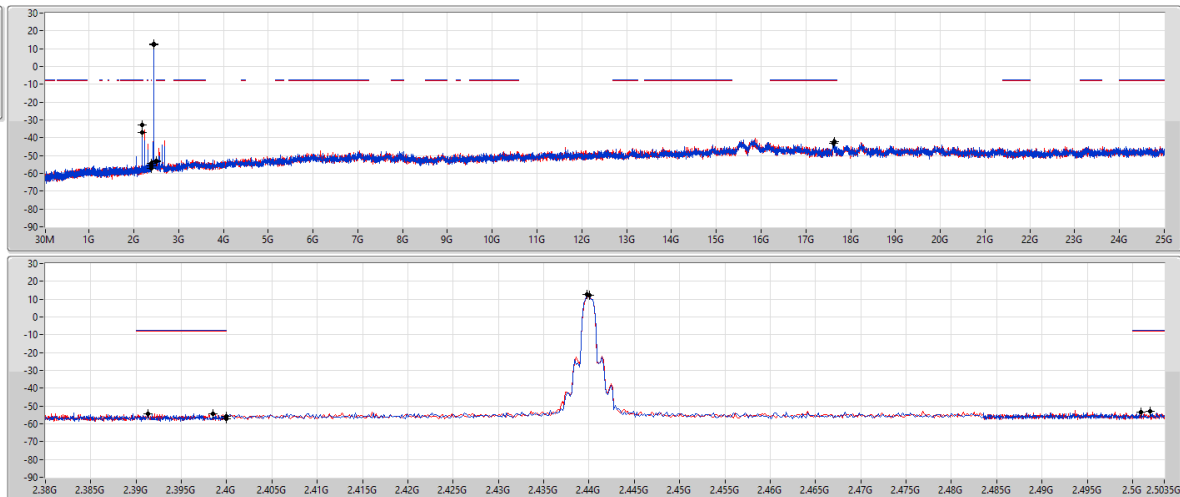
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43991G	11.96	-8.04	2.18495G	-37.80	2.39508G	-53.93	2.4G	-55.51	2.5027G	-53.15	16.22355G	-42.73	1
2.43975G	12.84	-7.16	2.18495G	-35.44	2.396G	-54.15	2.4G	-55.71	2.5031G	-52.51	17.62396G	-43.50	2

2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

2440MHz

28/03/2026

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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43975G	12.60	-7.40	2.18495G	-37.09	2.39128G	-54.55	2.4G	-56.97	2.50194G	-52.79	17.62677G	-43.32	1
2.44008G	12.21	-7.79	2.18495G	-32.66	2.39852G	-54.15	2.4G	-55.83	2.5009G	-53.32	17.6324G	-42.11	2



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	2.43991G	15.02	-4.98	2.18378G	-34.83	2.39912G	-54.07	2.4G	-56.38	2.5023G	-53.34	17.62115G	-43.51	2
BT-EDR(2Mbps)	Pass	2.43975G	12.84	-7.16	2.18495G	-35.44	2.396G	-54.15	2.4G	-55.71	2.5031G	-52.51	17.62396G	-43.50	2
BT-EDR(3Mbps)	Pass	2.44008G	12.21	-7.79	2.18495G	-32.66	2.39852G	-54.15	2.4G	-55.83	2.5009G	-53.32	17.6324G	-42.11	2

Result

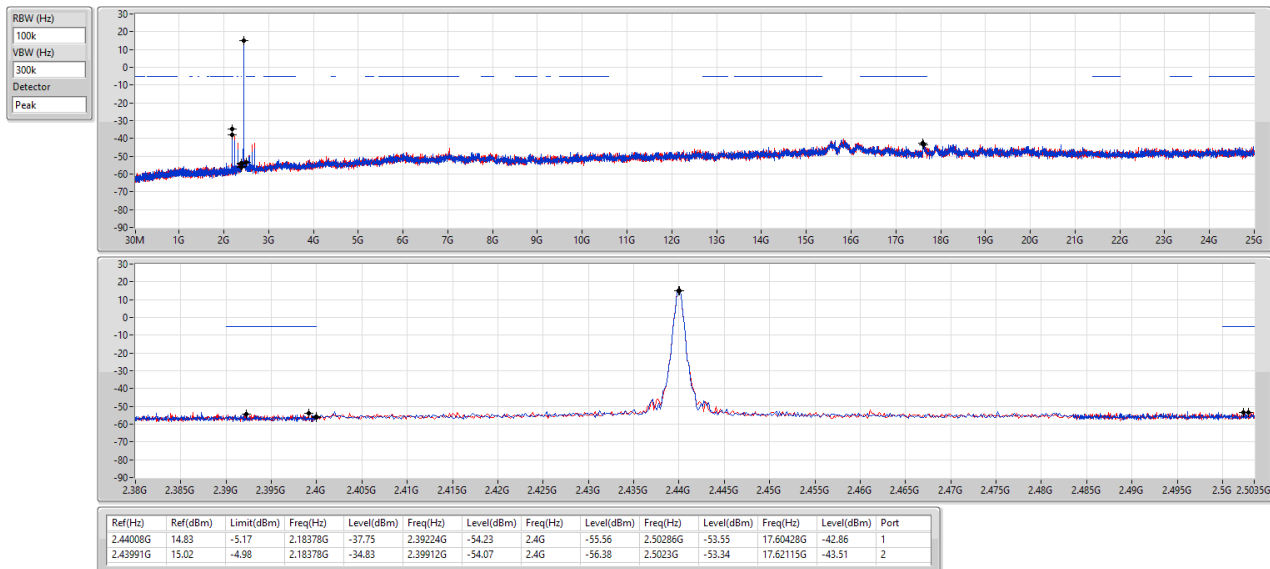
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	14.54	-5.46	2.14618G	-40.11	2.39904G	-46.53	2.4G	-47.83	2.5011G	-54.33	17.61271G	-39.84	1
2402MHz	Pass	2.40184G	15.20	-4.80	2.14618G	-38.53	2.39972G	-46.10	2.4G	-47.63	2.50102G	-53.96	2.65535G	-41.22	2
2440MHz	Pass	2.44008G	14.83	-5.17	2.18378G	-37.75	2.39224G	-54.23	2.4G	-55.56	2.50286G	-53.55	17.60428G	-42.86	1
2440MHz	Pass	2.43991G	15.02	-4.98	2.18378G	-34.83	2.39912G	-54.07	2.4G	-56.38	2.5023G	-53.34	17.62115G	-43.51	2
2480MHz	Pass	2.47983G	14.70	-5.30	2.09683G	-54.12	2.39316G	-53.44	2.4G	-56.24	2.50298G	-52.44	17.60146G	-42.19	1
2480MHz	Pass	2.47983G	14.65	-5.35	2.16028G	-53.94	2.39044G	-54.09	2.4G	-55.28	2.5023G	-53.04	16.24043G	-43.24	2
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	12.45	-7.55	2.14618G	-39.24	2.39948G	-39.80	2.4G	-41.46	2.50234G	-53.97	17.61271G	-42.60	1
2402MHz	Pass	2.402G	13.08	-6.92	2.14618G	-36.90	2.39952G	-38.05	2.4G	-41.05	2.50034G	-54.08	2.65535G	-39.24	2
2440MHz	Pass	2.43991G	11.96	-8.04	2.18495G	-37.80	2.39508G	-53.93	2.4G	-55.51	2.5027G	-53.15	16.22355G	-42.73	1
2440MHz	Pass	2.43975G	12.84	-7.16	2.18495G	-35.44	2.396G	-54.15	2.4G	-55.71	2.5031G	-52.51	17.62396G	-43.50	2
2480MHz	Pass	2.48016G	12.46	-7.54	2.09683G	-51.66	2.39996G	-54.35	2.4G	-56.36	2.50298G	-53.36	17.60146G	-41.76	1
2480MHz	Pass	2.47983G	12.25	-7.75	2.16028G	-53.90	2.39744G	-54.82	2.4G	-55.80	2.50318G	-52.93	17.60709G	-42.10	2
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	12.64	-7.36	2.14618G	-38.38	2.39952G	-38.20	2.4G	-41.50	2.5033G	-53.20	16.41196G	-42.82	1
2402MHz	Pass	2.402G	12.52	-7.48	2.14618G	-34.46	2.39952G	-38.31	2.4G	-39.38	2.50078G	-53.43	2.65535G	-41.82	2
2440MHz	Pass	2.43975G	12.60	-7.40	2.18495G	-37.09	2.39128G	-54.55	2.4G	-56.97	2.50194G	-52.79	17.62677G	-43.32	1
2440MHz	Pass	2.44008G	12.21	-7.79	2.18495G	-32.66	2.39852G	-54.15	2.4G	-55.83	2.5009G	-53.32	17.6324G	-42.11	2
2480MHz	Pass	2.48016G	12.34	-7.66	2.09683G	-54.56	2.39844G	-54.23	2.4G	-55.89	2.5005G	-53.32	16.21793G	-42.86	1
2480MHz	Pass	2.48016G	12.51	-7.49	2.16028G	-55.14	2.39444G	-54.32	2.4G	-55.17	2.50306G	-53.39	17.60709G	-43.02	2

2.4-2.4835GHz_BT-BR(1Mbps)

CSEndB-FS

2440MHz

28/03/2026

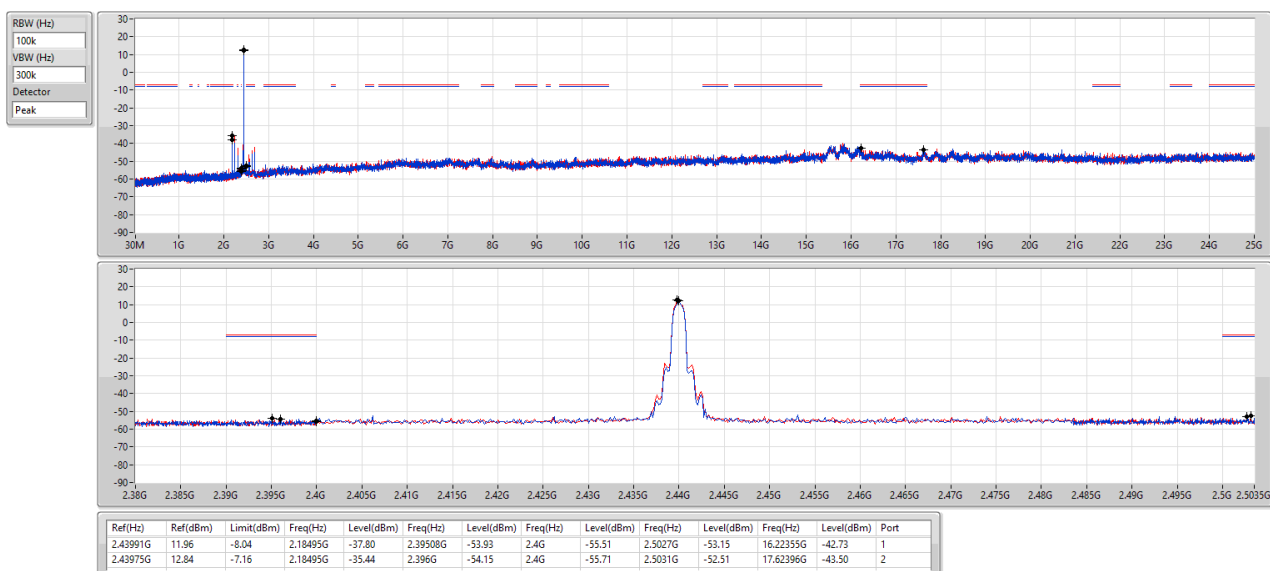


2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

2440MHz

28/03/2026

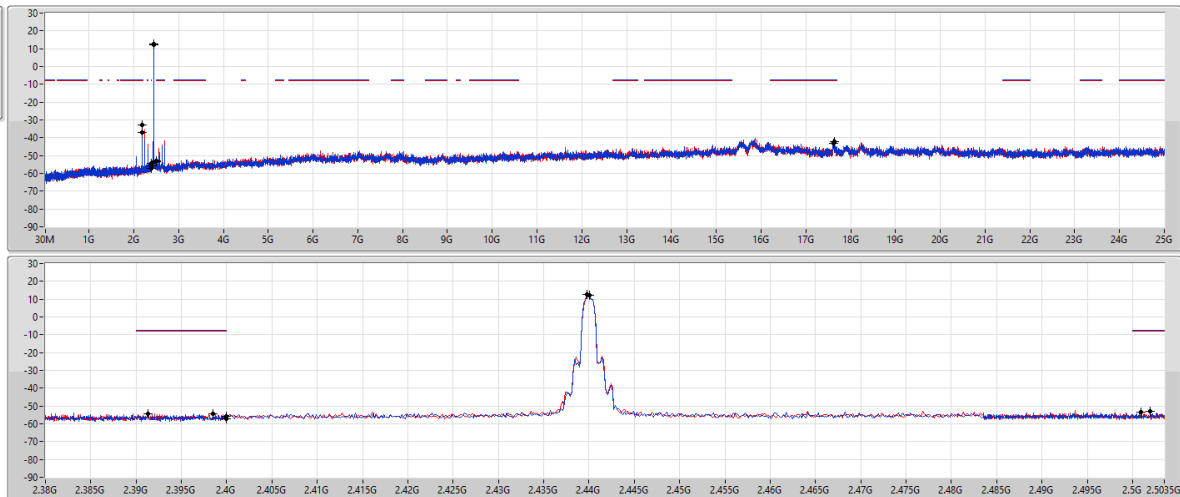


2.4-2.4835GHz_BT-EDR(3Mbps)

CSEndB-FS

2440MHz

28/03/2026

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

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43975G	12.60	-7.40	2.18495G	-37.09	2.39128G	-54.55	2.4G	-56.97	2.50194G	-52.79	17.62677G	-43.32	1
2.44008G	12.21	-7.79	2.18495G	-32.66	2.39852G	-54.15	2.4G	-55.83	2.5009G	-53.32	17.6324G	-42.11	2

**Summary**

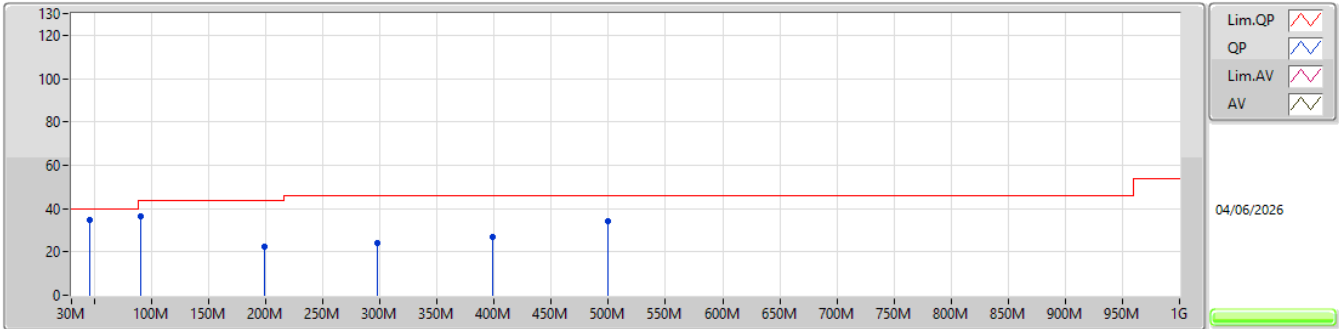
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	PK	45.52M	34.68	40.00	-5.32	3	Vertical	360	1.00	-

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2440MHz_Test Fixture	Pass	PK	45.52M	34.68	40.00	-5.32	3	Vertical	360	1.00	-
2440MHz_Test Fixture	Pass	PK	90.14M	36.39	43.50	-7.11	3	Vertical	360	1.00	-
2440MHz_Test Fixture	Pass	PK	198.78M	22.32	43.50	-21.18	3	Vertical	360	1.00	-
2440MHz_Test Fixture	Pass	PK	297.72M	23.95	46.00	-22.05	3	Vertical	360	1.00	-
2440MHz_Test Fixture	Pass	PK	398.6M	26.92	46.00	-19.08	3	Vertical	360	1.00	-
2440MHz_Test Fixture	Pass	PK	499.48M	33.96	46.00	-12.04	3	Vertical	360	1.00	-
2440MHz_Test Fixture	Pass	PK	90.14M	31.81	43.50	-11.69	3	Horizontal	0	1.00	-
2440MHz_Test Fixture	Pass	PK	97.9M	34.70	43.50	-8.80	3	Horizontal	0	1.00	-
2440MHz_Test Fixture	Pass	PK	198.78M	29.97	43.50	-13.53	3	Horizontal	0	1.00	-
2440MHz_Test Fixture	Pass	PK	297.72M	31.71	46.00	-14.29	3	Horizontal	0	1.00	-
2440MHz_Test Fixture	Pass	PK	398.6M	33.29	46.00	-12.71	3	Horizontal	0	1.00	-
2440MHz_Test Fixture	Pass	PK	499.48M	38.20	46.00	-7.80	3	Horizontal	0	1.00	-

2.4-2.4835GHz_BT-BR(1Mbps)

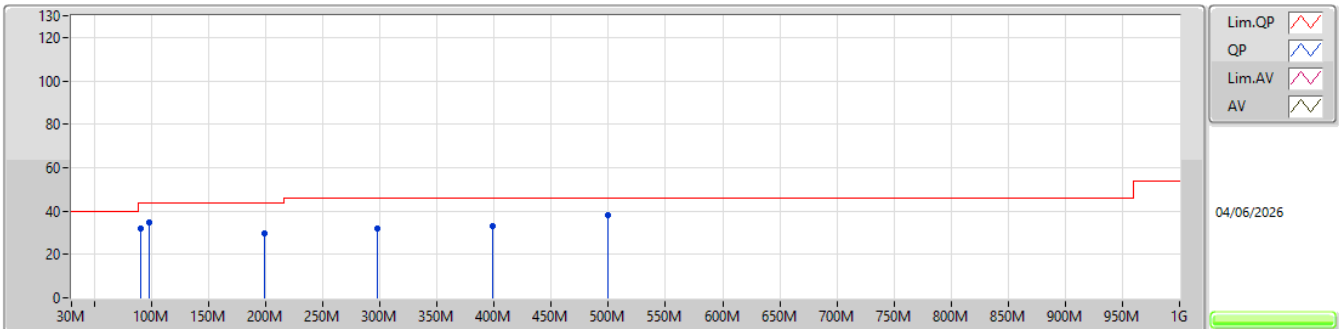
2440MHz_Test Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	45.52M	34.68	40.00	-5.32	-9.53	3	Vertical	360	1.00	44.21	14.95	1.25	25.73
PK	90.14M	36.39	43.50	-7.11	-12.35	3	Vertical	360	1.00	48.74	13.89	1.68	27.92
PK	198.78M	22.32	43.50	-21.18	-11.23	3	Vertical	360	1.00	33.55	13.79	2.41	27.43
PK	297.72M	23.95	46.00	-22.05	-6.26	3	Vertical	360	1.00	30.21	17.79	3.06	27.11
PK	398.6M	26.92	46.00	-19.08	-4.03	3	Vertical	360	1.00	30.95	20.37	3.46	27.86
PK	499.48M	33.96	46.00	-12.04	-2.48	3	Vertical	360	1.00	36.44	21.99	3.92	28.39

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_Test Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	90.14M	31.81	43.50	-11.69	-12.35	3	Horizontal	0	1.00	44.16	13.89	1.68	27.92
PK	97.9M	34.70	43.50	-8.80	-10.96	3	Horizontal	0	1.00	45.66	15.18	1.74	27.88
PK	198.78M	29.97	43.50	-13.53	-11.23	3	Horizontal	0	1.00	41.20	13.79	2.41	27.43
PK	297.72M	31.71	46.00	-14.29	-6.26	3	Horizontal	0	1.00	37.97	17.79	3.06	27.11
PK	398.6M	33.29	46.00	-12.71	-4.03	3	Horizontal	0	1.00	37.32	20.37	3.46	27.86
PK	499.48M	38.20	46.00	-7.80	-2.48	3	Horizontal	0	1.00	40.68	21.99	3.92	28.39



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	2.4835G	64.42	74.00	-9.58	3	Vertical	262	1.03
BT-EDR(3Mbps)	Pass	PK	2.4848G	58.74	74.00	-15.26	3	Vertical	156	1.12

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz_TX	Pass	AV	2.3682G	34.88	54.00	-19.12	3	Vertical	184	1.50
2402MHz_TX	Pass	AV	2.4018G	91.80	Inf	-Inf	3	Vertical	184	1.50
2402MHz_TX	Pass	PK	2.3682G	57.38	74.00	-16.62	3	Vertical	184	1.50
2402MHz_TX	Pass	PK	2.4018G	114.30	Inf	-Inf	3	Vertical	184	1.50
2402MHz_TX	Pass	AV	2.3776G	35.02	54.00	-18.98	3	Horizontal	155	1.78
2402MHz_TX	Pass	AV	2.4018G	81.19	Inf	-Inf	3	Horizontal	155	1.78
2402MHz_TX	Pass	PK	2.3776G	57.52	74.00	-16.48	3	Horizontal	155	1.78
2402MHz_TX	Pass	PK	2.4018G	103.69	Inf	-Inf	3	Horizontal	155	1.78
2402MHz_TX	Pass	AV	4.8038G	28.43	54.00	-25.57	3	Vertical	121	1.00
2402MHz_TX	Pass	PK	4.8038G	50.93	74.00	-23.07	3	Vertical	121	1.00
2402MHz_TX	Pass	AV	4.80407G	30.63	54.00	-23.37	3	Horizontal	331	1.50
2402MHz_TX	Pass	PK	4.80407G	53.13	74.00	-20.87	3	Horizontal	331	1.50
2440MHz_TX	Pass	AV	2.3524G	35.55	54.00	-18.45	3	Vertical	275	1.18
2440MHz_TX	Pass	AV	2.44G	93.89	Inf	-Inf	3	Vertical	275	1.18
2440MHz_TX	Pass	AV	2.4892G	35.99	54.00	-18.01	3	Vertical	275	1.18
2440MHz_TX	Pass	PK	2.3524G	58.05	74.00	-15.95	3	Vertical	275	1.18
2440MHz_TX	Pass	PK	2.44G	116.39	Inf	-Inf	3	Vertical	275	1.18
2440MHz_TX	Pass	PK	2.4892G	58.49	74.00	-15.51	3	Vertical	275	1.18
2440MHz_TX	Pass	AV	2.3664G	34.77	54.00	-19.23	3	Horizontal	290	1.09
2440MHz_TX	Pass	AV	2.44G	85.94	Inf	-Inf	3	Horizontal	290	1.09
2440MHz_TX	Pass	AV	2.496G	37.04	54.00	-16.96	3	Horizontal	290	1.09
2440MHz_TX	Pass	PK	2.3664G	57.27	74.00	-16.73	3	Horizontal	290	1.09
2440MHz_TX	Pass	PK	2.44G	108.44	Inf	-Inf	3	Horizontal	290	1.09
2440MHz_TX	Pass	PK	2.496G	59.54	74.00	-14.46	3	Horizontal	290	1.09
2440MHz_TX	Pass	AV	4.87979G	27.07	54.00	-26.93	3	Vertical	5	1.33
2440MHz_TX	Pass	AV	7.31969G	25.54	54.00	-28.46	3	Vertical	325	1.74
2440MHz_TX	Pass	PK	4.87979G	49.57	74.00	-24.43	3	Vertical	5	1.33
2440MHz_TX	Pass	PK	7.31969G	48.04	74.00	-25.96	3	Vertical	325	1.74
2440MHz_TX	Pass	AV	4.87986G	27.57	54.00	-26.43	3	Horizontal	332	1.50
2440MHz_TX	Pass	AV	7.31958G	24.47	54.00	-29.53	3	Horizontal	320	1.15
2440MHz_TX	Pass	PK	4.87986G	50.07	74.00	-23.93	3	Horizontal	332	1.50
2440MHz_TX	Pass	PK	7.31958G	46.97	74.00	-27.03	3	Horizontal	320	1.15
2480MHz_TX	Pass	AV	2.4802G	92.86	Inf	-Inf	3	Vertical	262	1.03
2480MHz_TX	Pass	AV	2.4835G	41.92	54.00	-12.08	3	Vertical	262	1.03
2480MHz_TX	Pass	PK	2.4802G	115.36	Inf	-Inf	3	Vertical	262	1.03
2480MHz_TX	Pass	PK	2.4835G	64.42	74.00	-9.58	3	Vertical	262	1.03
2480MHz_TX	Pass	AV	2.4802G	85.32	Inf	-Inf	3	Horizontal	288	1.12
2480MHz_TX	Pass	AV	2.4942G	35.51	54.00	-18.49	3	Horizontal	288	1.12
2480MHz_TX	Pass	PK	2.4802G	107.82	Inf	-Inf	3	Horizontal	288	1.12
2480MHz_TX	Pass	PK	2.4942G	58.01	74.00	-15.99	3	Horizontal	288	1.12
2480MHz_TX	Pass	AV	4.96014G	31.35	54.00	-22.65	3	Vertical	328	1.30
2480MHz_TX	Pass	AV	7.43937G	33.59	54.00	-20.41	3	Vertical	353	1.50
2480MHz_TX	Pass	PK	4.96014G	53.85	74.00	-20.15	3	Vertical	328	1.30
2480MHz_TX	Pass	PK	7.43937G	56.09	74.00	-17.91	3	Vertical	353	1.50
2480MHz_TX	Pass	AV	4.96028G	34.71	54.00	-19.29	3	Horizontal	323	1.00
2480MHz_TX	Pass	AV	7.4404G	31.77	54.00	-22.23	3	Horizontal	320	1.13
2480MHz_TX	Pass	PK	4.96028G	57.21	74.00	-16.79	3	Horizontal	323	1.00
2480MHz_TX	Pass	PK	7.4404G	54.27	74.00	-19.73	3	Horizontal	320	1.13
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz_TX	Pass	AV	2.3716G	35.10	54.00	-18.90	3	Vertical	173	1.17
2402MHz_TX	Pass	AV	2.402G	92.03	Inf	-Inf	3	Vertical	173	1.17
2402MHz_TX	Pass	PK	2.3716G	57.60	74.00	-16.40	3	Vertical	173	1.17
2402MHz_TX	Pass	PK	2.402G	114.53	Inf	-Inf	3	Vertical	173	1.17
2402MHz_TX	Pass	AV	2.361G	34.77	54.00	-19.23	3	Horizontal	292	1.06
2402MHz_TX	Pass	AV	2.402G	83.64	Inf	-Inf	3	Horizontal	292	1.06
2402MHz_TX	Pass	PK	2.361G	57.27	74.00	-16.73	3	Horizontal	292	1.06
2402MHz_TX	Pass	PK	2.402G	106.14	Inf	-Inf	3	Horizontal	292	1.06
2402MHz_TX	Pass	AV	4.80365G	23.54	54.00	-30.46	3	Vertical	285	2.86
2402MHz_TX	Pass	PK	4.80365G	46.04	74.00	-27.96	3	Vertical	285	2.86
2402MHz_TX	Pass	AV	4.80392G	22.67	54.00	-31.33	3	Horizontal	329	2.46



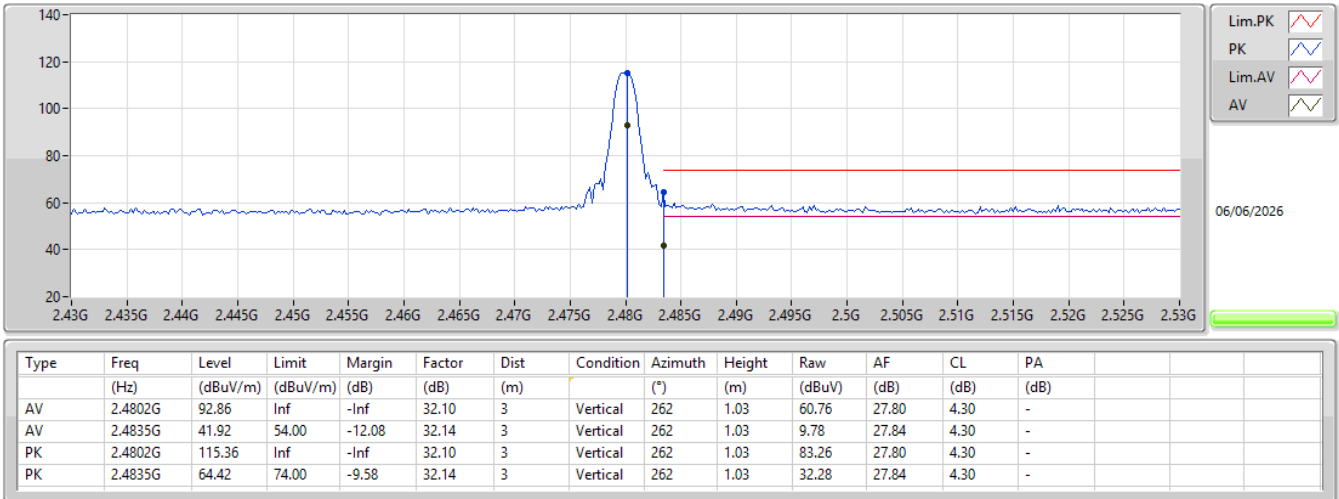
RSE TX above 1GHz_Non-Beamforming_Dipole

Appendix G.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2402MHz_TX	Pass	PK	4.80392G	45.17	74.00	-28.83	3	Horizontal	329	2.46
2440MHz_TX	Pass	AV	2.3772G	34.73	54.00	-19.27	3	Vertical	154	1.50
2440MHz_TX	Pass	AV	2.44G	90.53	Inf	-Inf	3	Vertical	154	1.50
2440MHz_TX	Pass	AV	2.4948G	35.49	54.00	-18.51	3	Vertical	154	1.50
2440MHz_TX	Pass	PK	2.3772G	57.23	74.00	-16.77	3	Vertical	154	1.50
2440MHz_TX	Pass	PK	2.44G	113.03	Inf	-Inf	3	Vertical	154	1.50
2440MHz_TX	Pass	PK	2.4948G	57.99	74.00	-16.01	3	Vertical	154	1.50
2440MHz_TX	Pass	AV	2.3484G	36.10	54.00	-17.90	3	Horizontal	166	1.46
2440MHz_TX	Pass	AV	2.44G	82.19	Inf	-Inf	3	Horizontal	166	1.46
2440MHz_TX	Pass	AV	2.4932G	35.12	54.00	-18.88	3	Horizontal	166	1.46
2440MHz_TX	Pass	PK	2.3484G	58.60	74.00	-15.40	3	Horizontal	166	1.46
2440MHz_TX	Pass	PK	2.44G	104.69	Inf	-Inf	3	Horizontal	166	1.46
2440MHz_TX	Pass	PK	2.4932G	57.62	74.00	-16.38	3	Horizontal	166	1.46
2440MHz_TX	Pass	AV	4.87983G	24.81	54.00	-29.19	3	Vertical	7	1.50
2440MHz_TX	Pass	AV	7.32012G	23.88	54.00	-30.12	3	Vertical	218	2.60
2440MHz_TX	Pass	PK	4.87983G	47.31	74.00	-26.69	3	Vertical	7	1.50
2440MHz_TX	Pass	PK	7.32012G	46.38	74.00	-27.62	3	Vertical	218	2.60
2440MHz_TX	Pass	AV	4.88004G	22.58	54.00	-31.42	3	Horizontal	143	1.21
2440MHz_TX	Pass	AV	7.32211G	24.47	54.00	-29.53	3	Horizontal	19	1.50
2440MHz_TX	Pass	PK	4.88004G	45.08	74.00	-28.92	3	Horizontal	143	1.21
2440MHz_TX	Pass	PK	7.32211G	46.97	74.00	-27.03	3	Horizontal	19	1.50
2480MHz_TX	Pass	AV	2.48G	90.39	Inf	-Inf	3	Vertical	156	1.12
2480MHz_TX	Pass	AV	2.4848G	36.24	54.00	-17.76	3	Vertical	156	1.12
2480MHz_TX	Pass	PK	2.48G	112.89	Inf	-Inf	3	Vertical	156	1.12
2480MHz_TX	Pass	PK	2.4848G	58.74	74.00	-15.26	3	Vertical	156	1.12
2480MHz_TX	Pass	AV	2.48G	82.16	Inf	-Inf	3	Horizontal	162	1.98
2480MHz_TX	Pass	AV	2.5G	34.93	54.00	-19.07	3	Horizontal	162	1.98
2480MHz_TX	Pass	PK	2.48G	104.66	Inf	-Inf	3	Horizontal	162	1.98
2480MHz_TX	Pass	PK	2.5G	57.43	74.00	-16.57	3	Horizontal	162	1.98
2480MHz_TX	Pass	AV	4.95989G	25.59	54.00	-28.41	3	Vertical	229	1.50
2480MHz_TX	Pass	AV	7.43998G	23.63	54.00	-30.37	3	Vertical	358	1.50
2480MHz_TX	Pass	PK	4.95989G	48.09	74.00	-25.91	3	Vertical	229	1.50
2480MHz_TX	Pass	PK	7.43998G	46.13	74.00	-27.87	3	Vertical	358	1.50
2480MHz_TX	Pass	AV	4.95955G	25.52	54.00	-28.48	3	Horizontal	323	1.18
2480MHz_TX	Pass	AV	7.44104G	24.01	54.00	-29.99	3	Horizontal	327	2.48
2480MHz_TX	Pass	PK	4.95955G	48.02	74.00	-25.98	3	Horizontal	323	1.18
2480MHz_TX	Pass	PK	7.44104G	46.51	74.00	-27.49	3	Horizontal	327	2.48

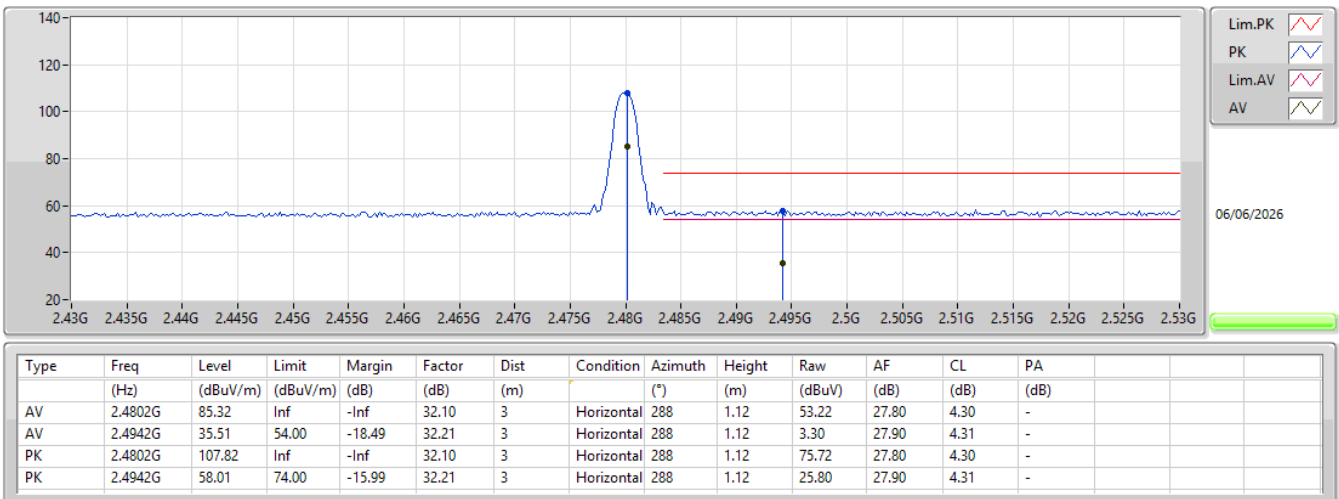
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



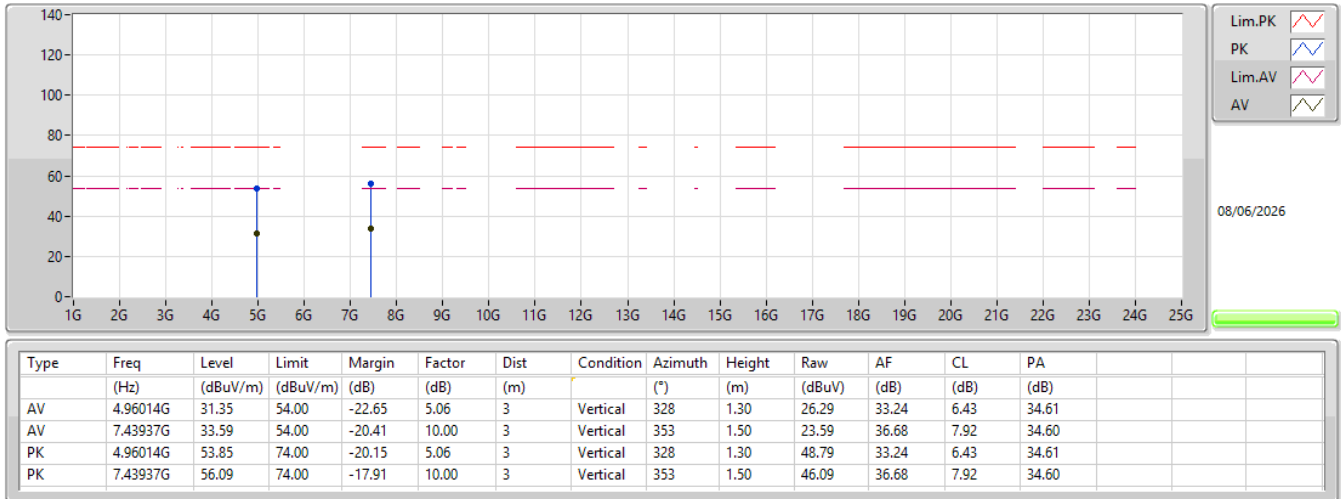
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



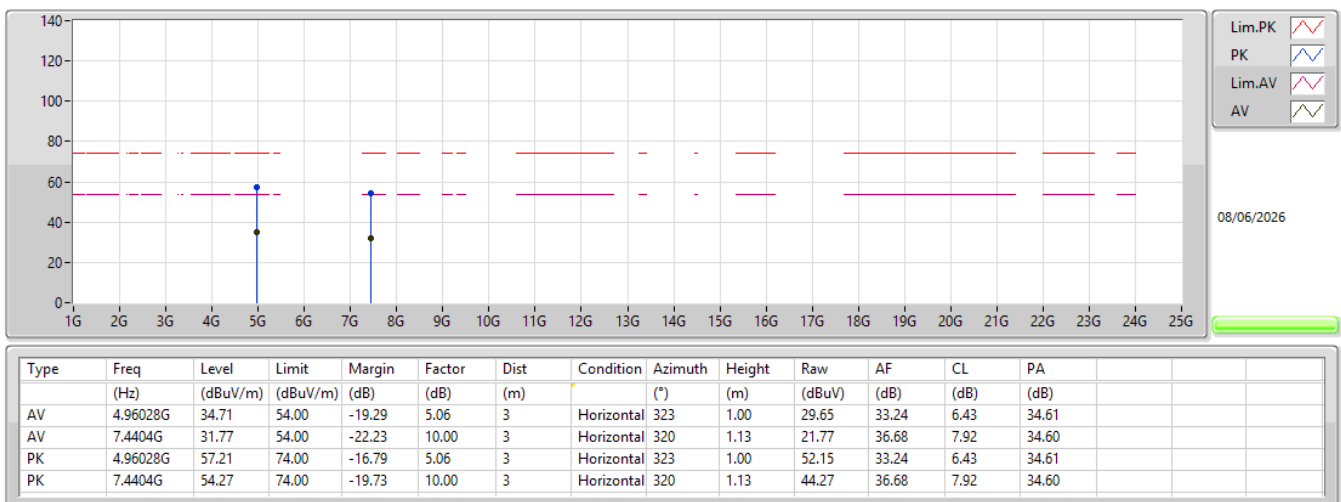
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



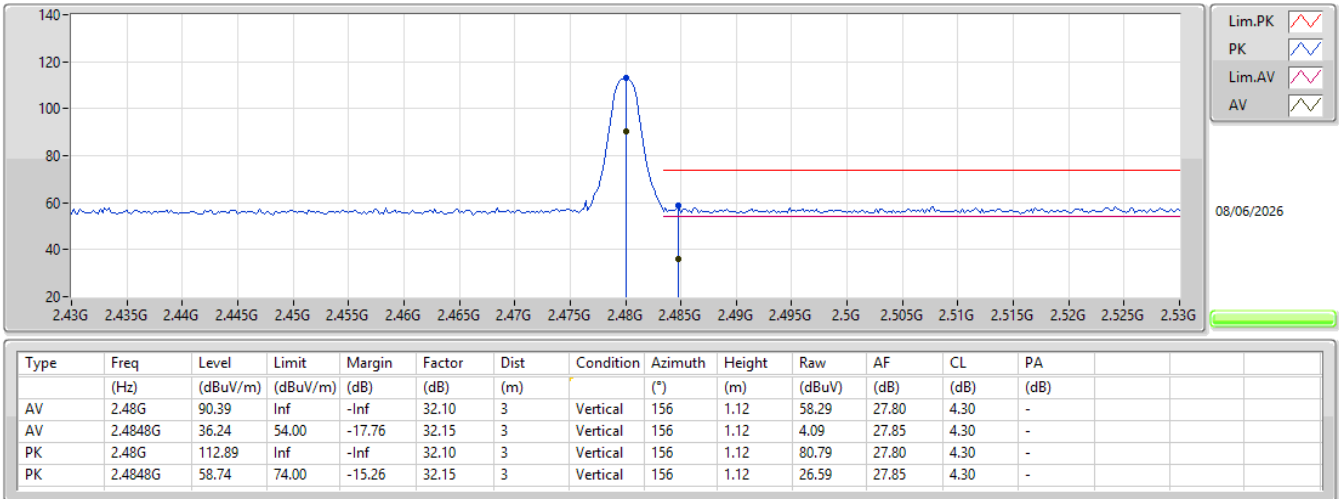
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



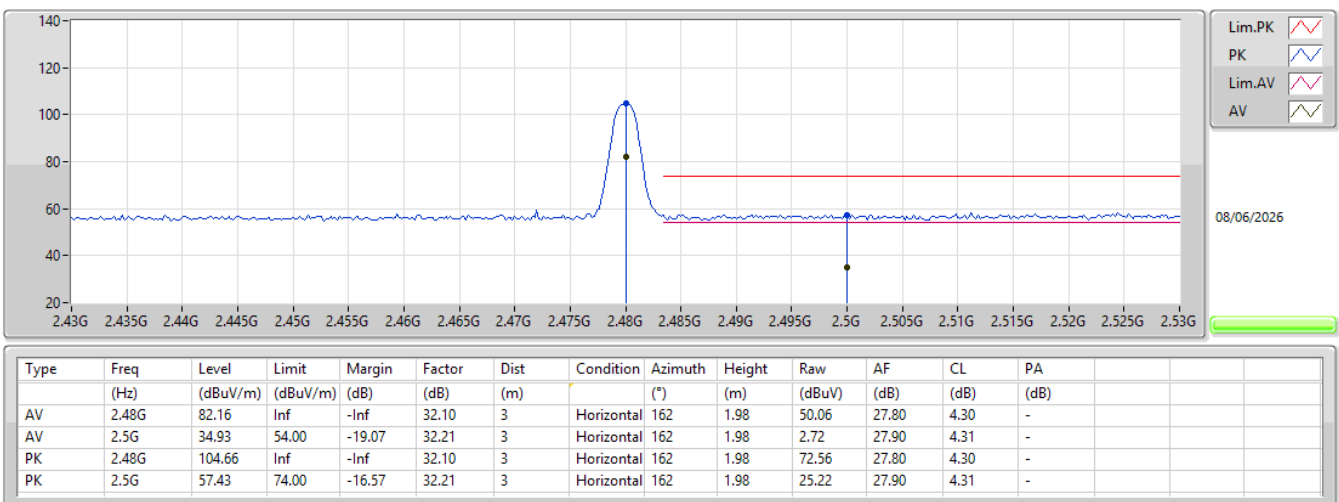
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



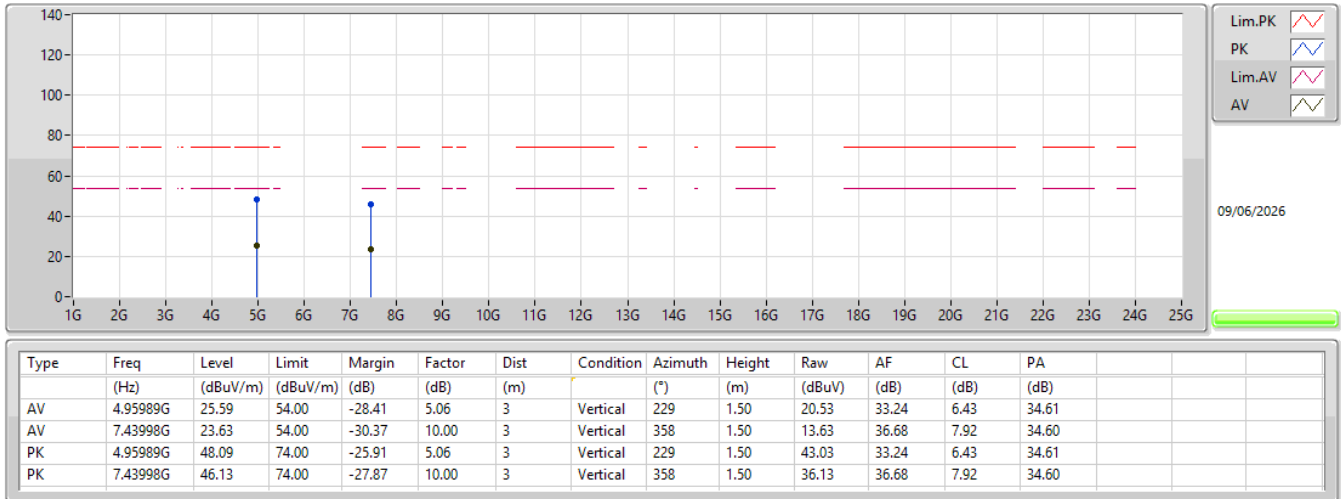
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



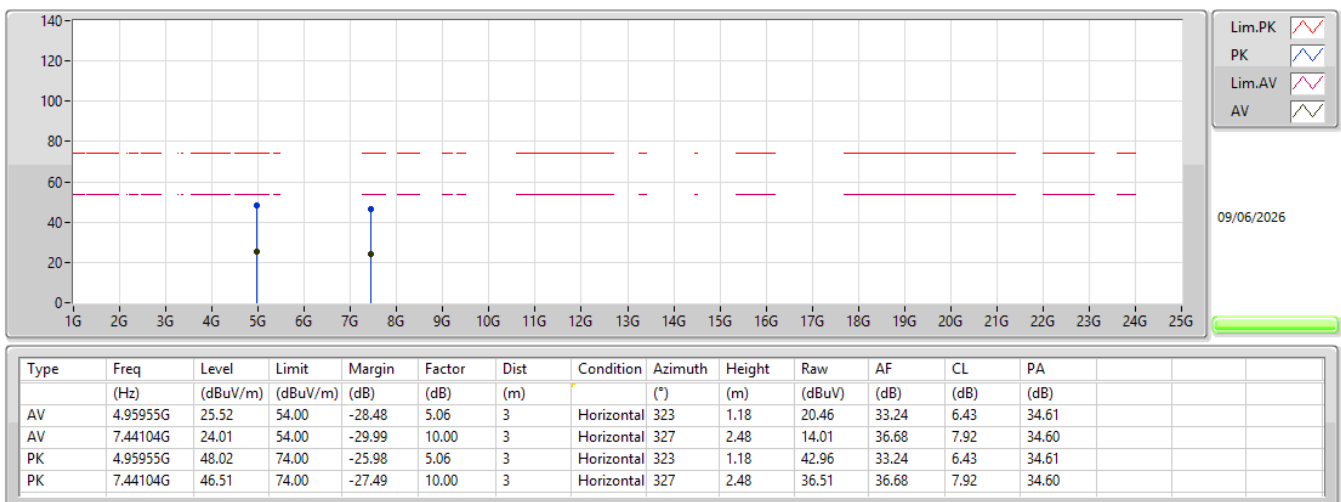
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



**Summary**

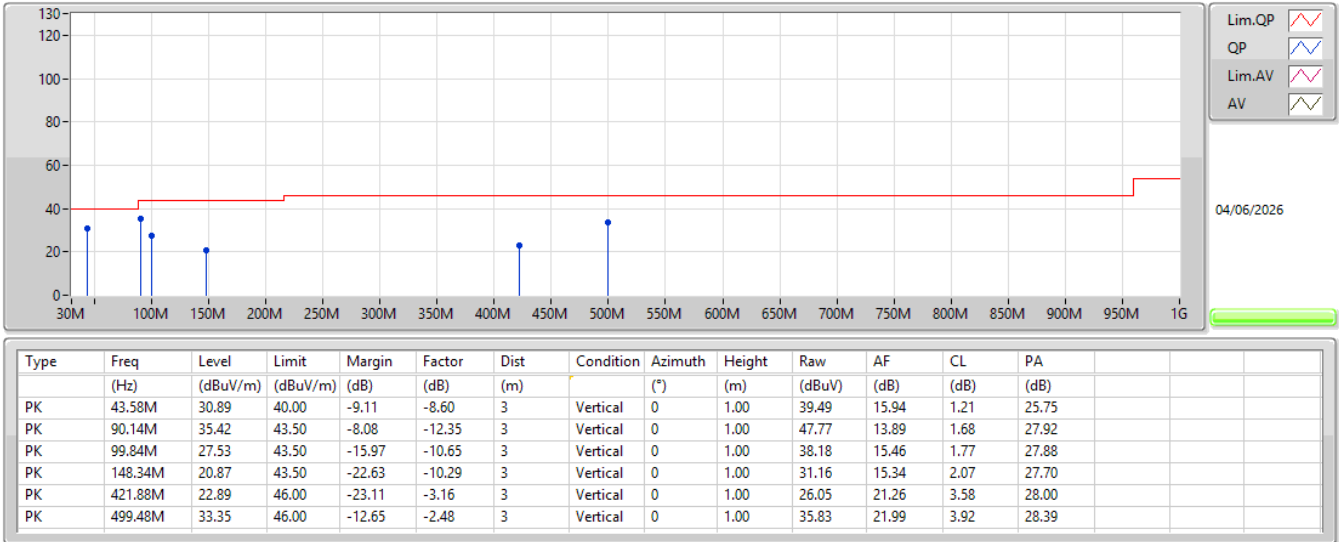
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	PK	90.14M	35.42	43.50	-8.08	3	Vertical	0	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-
2440MHz_Test Fixture	Pass	PK	43.58M	30.89	40.00	-9.11	3	Vertical	0	1.00
2440MHz_Test Fixture	Pass	PK	90.14M	35.42	43.50	-8.08	3	Vertical	0	1.00
2440MHz_Test Fixture	Pass	PK	99.84M	27.53	43.50	-15.97	3	Vertical	0	1.00
2440MHz_Test Fixture	Pass	PK	148.34M	20.87	43.50	-22.63	3	Vertical	0	1.00
2440MHz_Test Fixture	Pass	PK	421.88M	22.89	46.00	-23.11	3	Vertical	0	1.00
2440MHz_Test Fixture	Pass	PK	499.48M	33.35	46.00	-12.65	3	Vertical	0	1.00
2440MHz_Test Fixture	Pass	PK	31.94M	27.22	40.00	-12.78	3	Horizontal	360	1.00
2440MHz_Test Fixture	Pass	PK	99.84M	30.88	43.50	-12.62	3	Horizontal	360	1.00
2440MHz_Test Fixture	Pass	PK	115.36M	23.46	43.50	-20.04	3	Horizontal	360	1.00
2440MHz_Test Fixture	Pass	PK	289.96M	24.02	46.00	-21.98	3	Horizontal	360	1.00
2440MHz_Test Fixture	Pass	PK	375.32M	26.10	46.00	-19.90	3	Horizontal	360	1.00
2440MHz_Test Fixture	Pass	PK	499.48M	36.25	46.00	-9.75	3	Horizontal	360	1.00

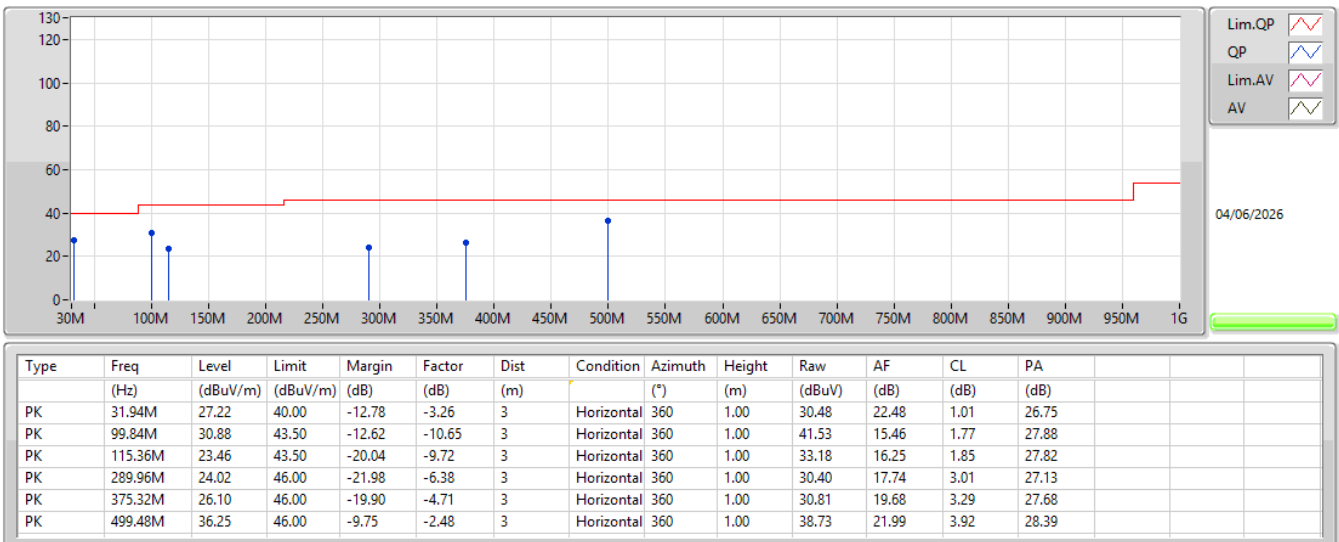
2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_Test Fixture



2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz_Test Fixture





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	2.4835G	61.73	74.00	-12.27	3	Horizontal	208	1.86
BT-EDR(3Mbps)	Pass	PK	2.4835G	60.03	74.00	-13.97	3	Horizontal	176	1.12

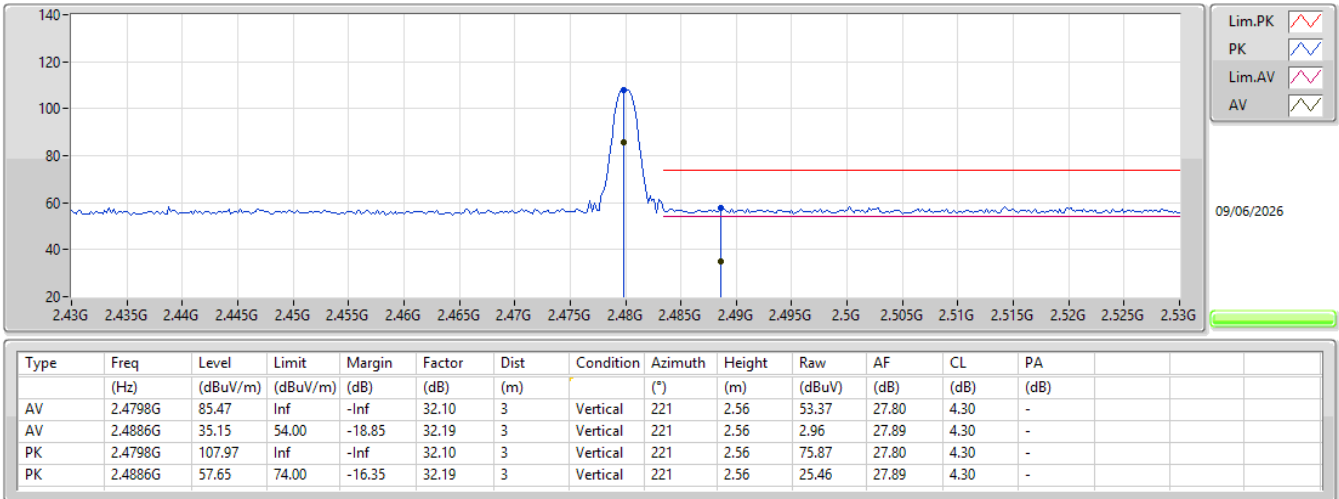
Result

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	2.3588G	34.81	54.00	-19.19	3	Vertical	193	2.70
2402MHz	Pass	AV	2.4018G	83.72	Inf	-Inf	3	Vertical	193	2.70
2402MHz	Pass	PK	2.3588G	57.31	74.00	-16.69	3	Vertical	193	2.70
2402MHz	Pass	PK	2.4018G	106.22	Inf	-Inf	3	Vertical	193	2.70
2402MHz	Pass	AV	2.3828G	35.42	54.00	-18.58	3	Horizontal	176	2.75
2402MHz	Pass	AV	2.4018G	89.13	Inf	-Inf	3	Horizontal	176	2.75
2402MHz	Pass	PK	2.3828G	57.92	74.00	-16.08	3	Horizontal	176	2.75
2402MHz	Pass	PK	2.4018G	111.63	Inf	-Inf	3	Horizontal	176	2.75
2402MHz	Pass	AV	4.80432G	25.91	54.00	-28.09	3	Vertical	236	1.84
2402MHz	Pass	PK	4.80432G	48.41	74.00	-25.59	3	Vertical	236	1.84
2402MHz	Pass	AV	4.80419G	27.47	54.00	-26.53	3	Horizontal	5	1.03
2402MHz	Pass	PK	4.80419G	49.97	74.00	-24.03	3	Horizontal	5	1.03
2440MHz	Pass	AV	2.3852G	34.66	54.00	-19.34	3	Vertical	135	1.64
2440MHz	Pass	AV	2.44G	79.69	Inf	-Inf	3	Vertical	135	1.64
2440MHz	Pass	AV	2.4972G	34.89	54.00	-19.11	3	Vertical	135	1.64
2440MHz	Pass	PK	2.3852G	57.16	74.00	-16.84	3	Vertical	135	1.64
2440MHz	Pass	PK	2.44G	102.19	Inf	-Inf	3	Vertical	135	1.64
2440MHz	Pass	PK	2.4972G	57.39	74.00	-16.61	3	Vertical	135	1.64
2440MHz	Pass	AV	2.3488G	34.48	54.00	-19.52	3	Horizontal	74	1.17
2440MHz	Pass	AV	2.44G	82.56	Inf	-Inf	3	Horizontal	74	1.17
2440MHz	Pass	AV	2.4928G	35.03	54.00	-18.97	3	Horizontal	74	1.17
2440MHz	Pass	PK	2.3488G	56.98	74.00	-17.02	3	Horizontal	74	1.17
2440MHz	Pass	PK	2.44G	105.06	Inf	-Inf	3	Horizontal	74	1.17
2440MHz	Pass	PK	2.4928G	57.53	74.00	-16.47	3	Horizontal	74	1.17
2440MHz	Pass	AV	4.87965G	25.83	54.00	-28.17	3	Vertical	284	2.32
2440MHz	Pass	AV	7.32124G	24.05	54.00	-29.95	3	Vertical	190	1.48
2440MHz	Pass	PK	4.87965G	48.33	74.00	-25.67	3	Vertical	284	2.32
2440MHz	Pass	PK	7.32124G	46.55	74.00	-27.45	3	Vertical	190	1.48
2440MHz	Pass	AV	4.87982G	24.80	54.00	-29.20	3	Horizontal	186	1.00
2440MHz	Pass	AV	7.31944G	24.46	54.00	-29.54	3	Horizontal	180	1.01
2440MHz	Pass	PK	4.87982G	47.30	74.00	-26.70	3	Horizontal	186	1.00
2440MHz	Pass	PK	7.31944G	46.96	74.00	-27.04	3	Horizontal	180	1.01
2480MHz	Pass	AV	2.4798G	85.47	Inf	-Inf	3	Vertical	221	2.56
2480MHz	Pass	AV	2.4886G	35.15	54.00	-18.85	3	Vertical	221	2.56
2480MHz	Pass	PK	2.4798G	107.97	Inf	-Inf	3	Vertical	221	2.56
2480MHz	Pass	PK	2.4886G	57.65	74.00	-16.35	3	Vertical	221	2.56
2480MHz	Pass	AV	2.4802G	89.24	Inf	-Inf	3	Horizontal	208	1.86
2480MHz	Pass	AV	2.4835G	39.23	54.00	-14.77	3	Horizontal	208	1.86
2480MHz	Pass	PK	2.4802G	111.74	Inf	-Inf	3	Horizontal	208	1.86
2480MHz	Pass	PK	2.4835G	61.73	74.00	-12.27	3	Horizontal	208	1.86
2480MHz	Pass	AV	4.95987G	24.72	54.00	-29.28	3	Vertical	244	1.16
2480MHz	Pass	AV	7.44098G	23.77	54.00	-30.23	3	Vertical	53	1.50
2480MHz	Pass	PK	4.95987G	47.22	74.00	-26.78	3	Vertical	244	1.16
2480MHz	Pass	PK	7.44098G	46.27	74.00	-27.73	3	Vertical	53	1.50
2480MHz	Pass	AV	4.95954G	25.09	54.00	-28.91	3	Horizontal	178	1.32
2480MHz	Pass	AV	7.43948G	24.52	54.00	-29.48	3	Horizontal	9.9	1.11
2480MHz	Pass	PK	4.95954G	47.59	74.00	-26.41	3	Horizontal	178	1.32
2480MHz	Pass	PK	7.43948G	47.02	74.00	-26.98	3	Horizontal	9.9	1.11
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3808G	35.13	54.00	-18.87	3	Vertical	195	2.62
2402MHz	Pass	AV	2.402G	81.78	Inf	-Inf	3	Vertical	195	2.62
2402MHz	Pass	PK	2.3808G	57.63	74.00	-16.37	3	Vertical	195	2.62
2402MHz	Pass	PK	2.402G	104.28	Inf	-Inf	3	Vertical	195	2.62
2402MHz	Pass	AV	2.3718G	34.75	54.00	-19.25	3	Horizontal	176	2.75
2402MHz	Pass	AV	2.402G	87.76	Inf	-Inf	3	Horizontal	176	2.75
2402MHz	Pass	PK	2.3718G	57.25	74.00	-16.75	3	Horizontal	176	2.75
2402MHz	Pass	PK	2.402G	110.26	Inf	-Inf	3	Horizontal	176	2.75
2402MHz	Pass	AV	4.80392G	24.44	54.00	-29.56	3	Vertical	236	1.83
2402MHz	Pass	PK	4.80392G	46.94	74.00	-27.06	3	Vertical	236	1.83
2402MHz	Pass	AV	4.80425G	26.33	54.00	-27.67	3	Horizontal	6	1.02

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2402MHz	Pass	PK	4.80425G	48.83	74.00	-25.17	3	Horizontal	6	1.02
2440MHz	Pass	AV	2.3588G	34.73	54.00	-19.27	3	Vertical	122	2.18
2440MHz	Pass	AV	2.44G	82.82	Inf	-Inf	3	Vertical	122	2.18
2440MHz	Pass	AV	2.4835G	35.40	54.00	-18.60	3	Vertical	122	2.18
2440MHz	Pass	PK	2.3588G	57.23	74.00	-16.77	3	Vertical	122	2.18
2440MHz	Pass	PK	2.44G	105.32	Inf	-Inf	3	Vertical	122	2.18
2440MHz	Pass	PK	2.4835G	57.90	74.00	-16.10	3	Vertical	122	2.18
2440MHz	Pass	AV	2.3484G	34.72	54.00	-19.28	3	Horizontal	174	2.68
2440MHz	Pass	AV	2.44G	87.06	Inf	-Inf	3	Horizontal	174	2.68
2440MHz	Pass	AV	2.496G	35.79	54.00	-18.21	3	Horizontal	174	2.68
2440MHz	Pass	PK	2.3484G	57.22	74.00	-16.78	3	Horizontal	174	2.68
2440MHz	Pass	PK	2.44G	109.56	Inf	-Inf	3	Horizontal	174	2.68
2440MHz	Pass	PK	2.496G	58.29	74.00	-15.71	3	Horizontal	174	2.68
2440MHz	Pass	AV	4.87959G	24.08	54.00	-29.92	3	Vertical	214	2.10
2440MHz	Pass	AV	7.31985G	24.21	54.00	-29.79	3	Vertical	188	1.50
2440MHz	Pass	PK	4.87959G	46.58	74.00	-27.42	3	Vertical	214	2.10
2440MHz	Pass	PK	7.31985G	46.71	74.00	-27.29	3	Vertical	188	1.50
2440MHz	Pass	AV	4.87958G	24.29	54.00	-29.71	3	Horizontal	185	1.00
2440MHz	Pass	AV	7.32101G	24.23	54.00	-29.77	3	Horizontal	10	1.50
2440MHz	Pass	PK	4.87958G	46.79	74.00	-27.21	3	Horizontal	185	1.00
2440MHz	Pass	PK	7.32101G	46.73	74.00	-27.27	3	Horizontal	10	1.50
2480MHz	Pass	AV	2.48G	84.74	Inf	-Inf	3	Vertical	122	2.19
2480MHz	Pass	AV	2.4888G	35.69	54.00	-18.31	3	Vertical	122	2.19
2480MHz	Pass	PK	2.48G	107.24	Inf	-Inf	3	Vertical	122	2.19
2480MHz	Pass	PK	2.4888G	58.19	74.00	-15.81	3	Vertical	122	2.19
2480MHz	Pass	AV	2.48G	88.45	Inf	-Inf	3	Horizontal	176	1.12
2480MHz	Pass	AV	2.4835G	37.53	54.00	-16.47	3	Horizontal	176	1.12
2480MHz	Pass	PK	2.48G	110.95	Inf	-Inf	3	Horizontal	176	1.12
2480MHz	Pass	PK	2.4835G	60.03	74.00	-13.97	3	Horizontal	176	1.12
2480MHz	Pass	AV	4.96002G	25.78	54.00	-28.22	3	Vertical	213	2.21
2480MHz	Pass	AV	7.43947G	23.81	54.00	-30.19	3	Vertical	220	1.81
2480MHz	Pass	PK	4.96002G	48.28	74.00	-25.72	3	Vertical	213	2.21
2480MHz	Pass	PK	7.43947G	46.31	74.00	-27.69	3	Vertical	220	1.81
2480MHz	Pass	AV	4.95959G	23.14	54.00	-30.86	3	Horizontal	349	1.50
2480MHz	Pass	AV	7.43976G	24.80	54.00	-29.20	3	Horizontal	309	1.00
2480MHz	Pass	PK	4.95959G	45.64	74.00	-28.36	3	Horizontal	349	1.50
2480MHz	Pass	PK	7.43976G	47.30	74.00	-26.70	3	Horizontal	309	1.00

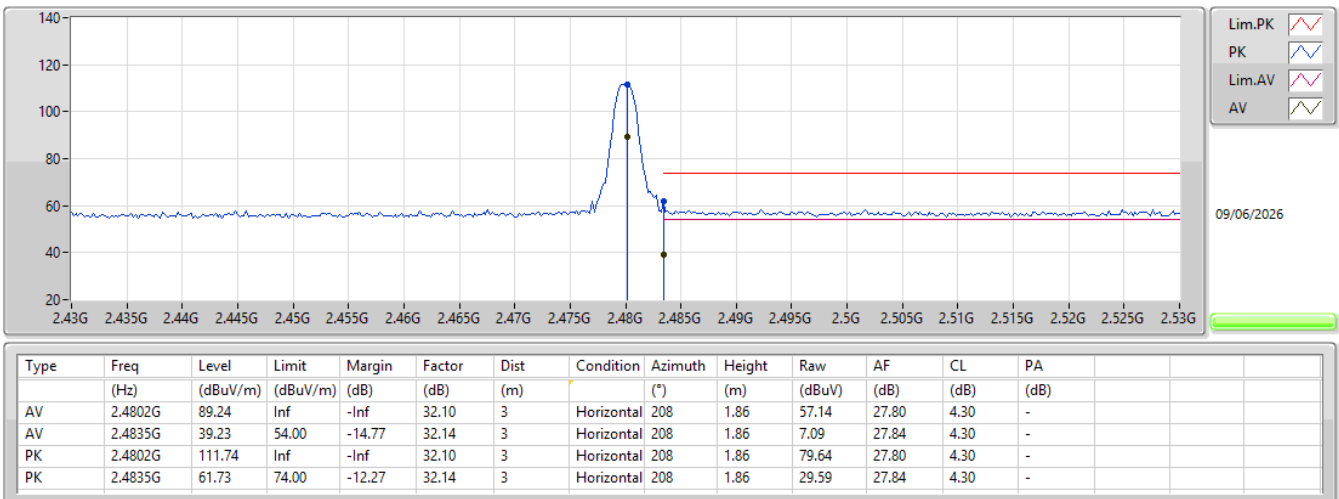
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



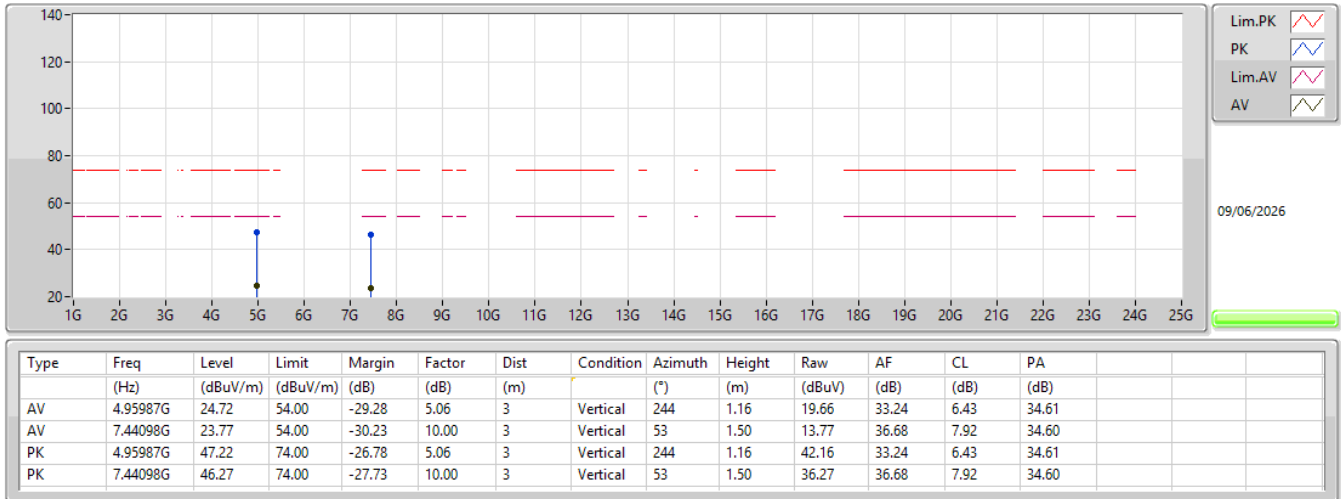
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



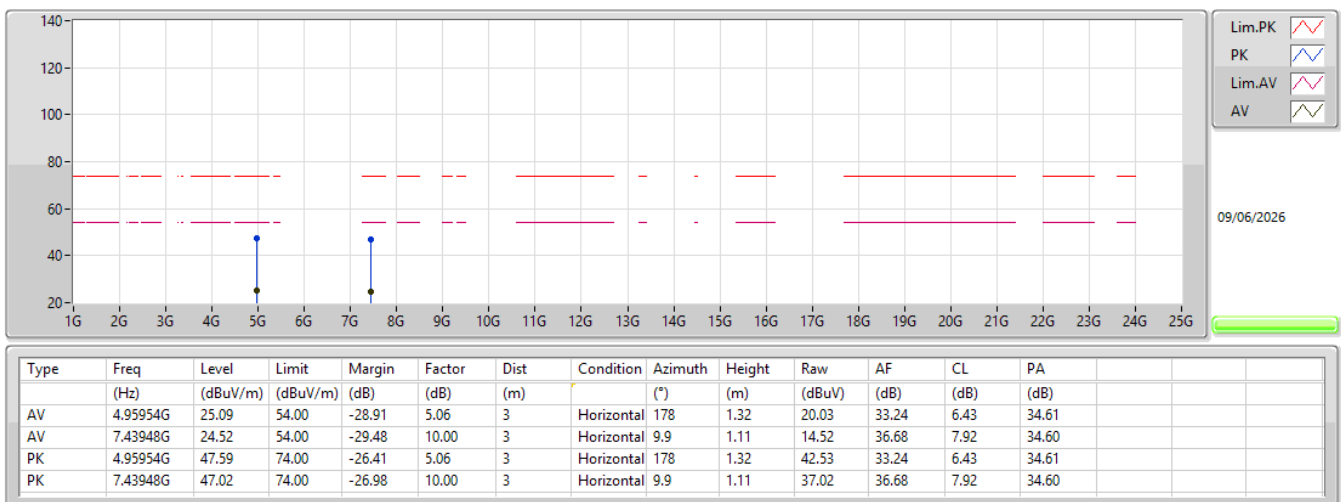
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



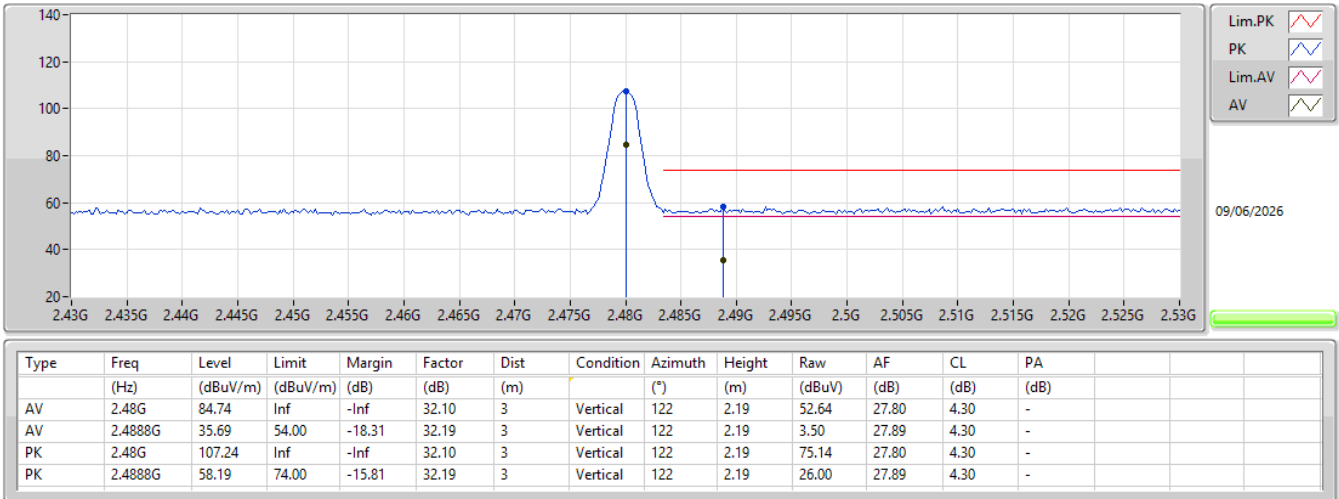
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



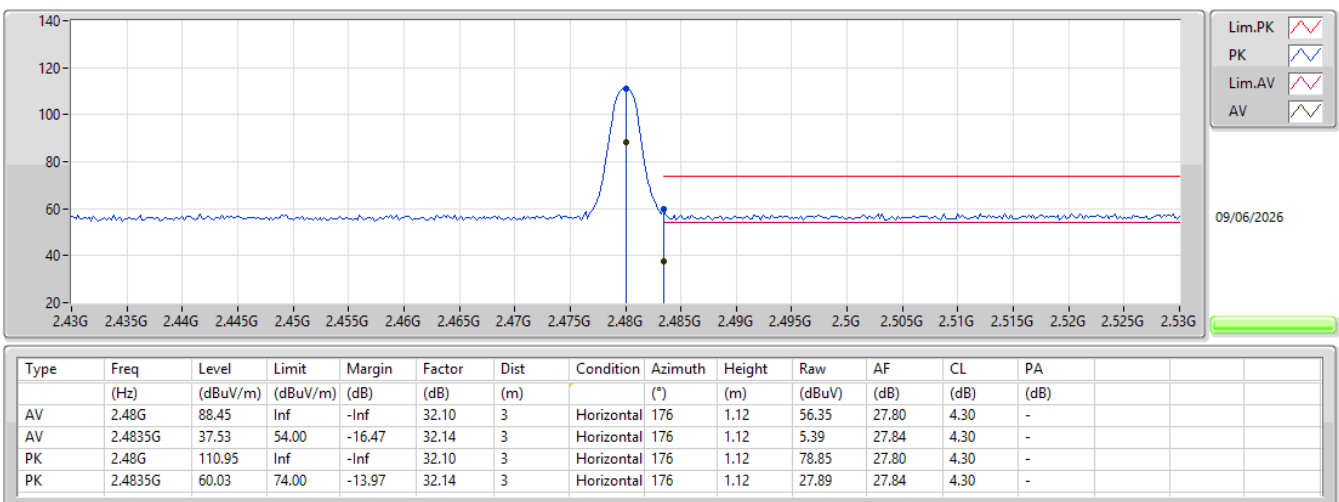
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



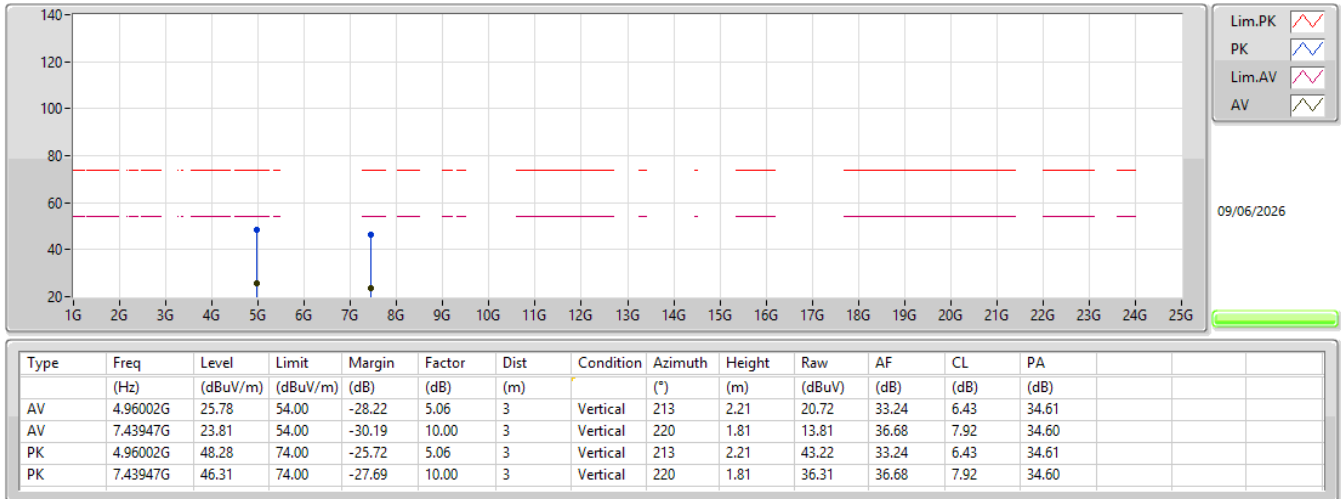
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



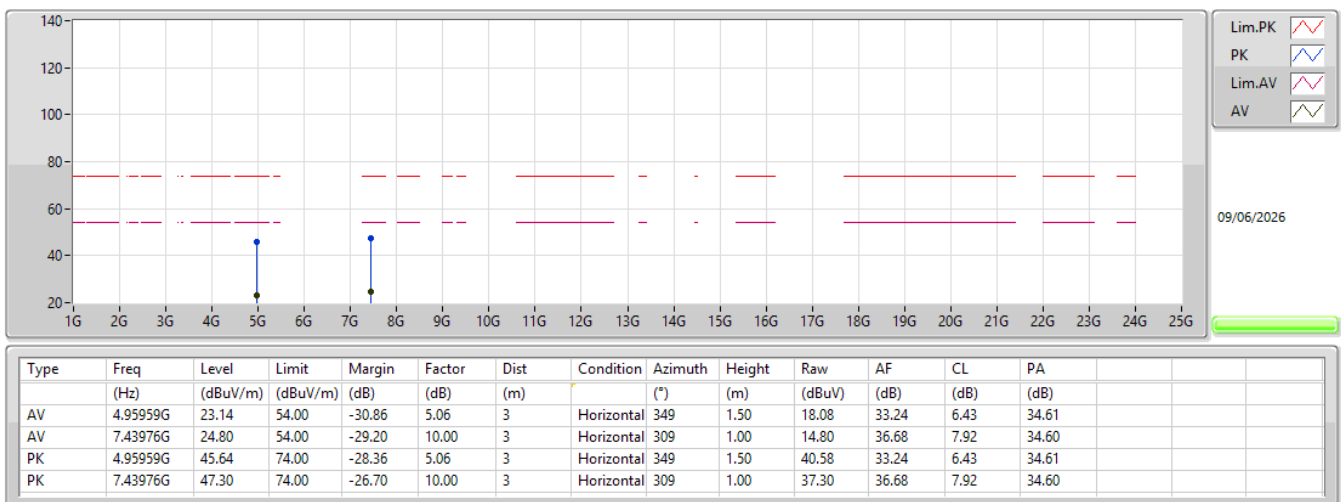
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX





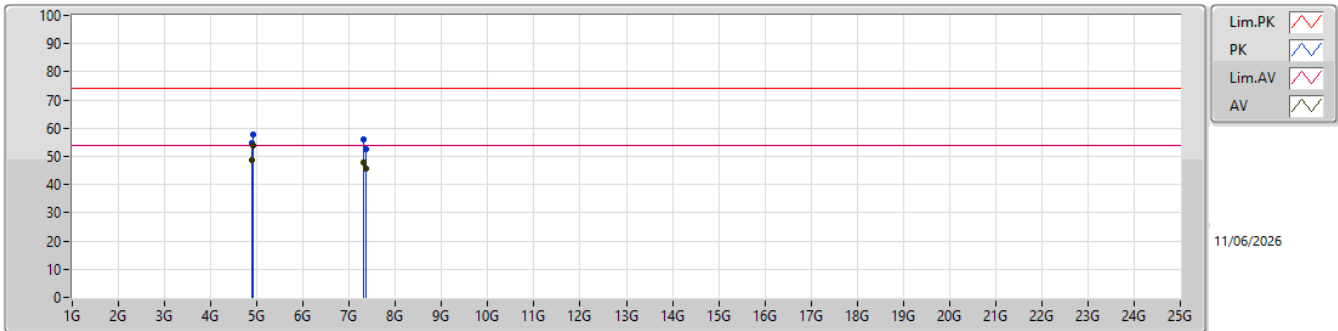
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.9139G	53.90	54.00	-0.10	Horizontal
Mode 2	Pass	AV	4.87986G	50.01	54.00	-3.99	Vertical
Mode 3	Pass	AV	4.87989G	47.64	54.00	-6.36	Vertical

Result

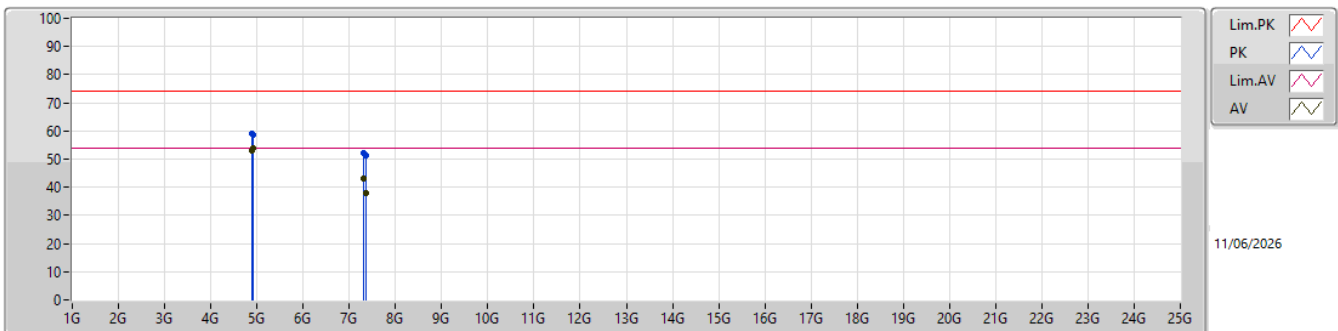
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.87982G	48.80	54.00	-5.20	3	Vertical	10	1.08	-
Mode 1	Pass	AV	4.91384G	53.89	54.00	-0.11	3	Vertical	323	1.50	-
Mode 1	Pass	AV	7.31929G	47.97	54.00	-6.03	3	Vertical	220	1.50	-
Mode 1	Pass	AV	7.3716G	45.68	54.00	-8.32	3	Vertical	6	1.41	-
Mode 1	Pass	PK	4.87968G	54.56	74.00	-19.44	3	Vertical	10	1.08	-
Mode 1	Pass	PK	4.91412G	57.59	74.00	-16.41	3	Vertical	323	1.50	-
Mode 1	Pass	PK	7.32052G	56.11	74.00	-17.89	3	Vertical	220	1.50	-
Mode 1	Pass	PK	7.37122G	52.65	74.00	-21.35	3	Vertical	6	1.41	-
Mode 1	Pass	AV	4.87979G	52.96	54.00	-1.04	3	Horizontal	317	2.36	-
Mode 1	Pass	AV	4.9139G	53.90	54.00	-0.10	3	Horizontal	320	2.33	-
Mode 1	Pass	AV	7.31932G	43.31	54.00	-10.69	3	Horizontal	330	1.00	-
Mode 1	Pass	AV	7.37164G	38.01	54.00	-15.99	3	Horizontal	312	1.32	-
Mode 1	Pass	PK	4.87951G	59.11	74.00	-14.89	3	Horizontal	317	2.36	-
Mode 1	Pass	PK	4.91406G	58.45	74.00	-15.55	3	Horizontal	320	2.33	-
Mode 1	Pass	PK	7.3193G	52.19	74.00	-21.81	3	Horizontal	330	1.00	-
Mode 1	Pass	PK	7.3701G	51.16	74.00	-22.84	3	Horizontal	312	1.32	-
Mode 2	Pass	AV	4.87986G	50.01	54.00	-3.99	3	Vertical	327	2.03	-
Mode 2	Pass	AV	7.3193G	37.19	54.00	-16.81	3	Vertical	272	1.84	-
Mode 2	Pass	AV	10.4G	39.39	68.20	-28.81	3	Vertical	317	1.50	-
Mode 2	Pass	AV	15.6111G	37.83	54.00	-16.17	3	Vertical	6	2.24	-
Mode 2	Pass	PK	4.87946G	55.69	74.00	-18.31	3	Vertical	327	2.03	-
Mode 2	Pass	PK	7.31957G	48.27	74.00	-25.73	3	Vertical	272	1.84	-
Mode 2	Pass	PK	10.39724G	51.01	68.20	-17.19	3	Vertical	330	1.50	-
Mode 2	Pass	PK	15.59112G	49.47	74.00	-24.53	3	Vertical	6	2.24	-
Mode 2	Pass	AV	4.87992G	46.87	54.00	-7.13	3	Horizontal	216	1.80	-
Mode 2	Pass	AV	7.31895G	34.61	54.00	-19.39	3	Horizontal	168	1.12	-
Mode 2	Pass	AV	10.3997G	38.01	68.20	-30.19	3	Horizontal	310	2.30	-
Mode 2	Pass	AV	15.59928G	37.97	54.00	-16.03	3	Horizontal	245	1.29	-
Mode 2	Pass	PK	4.87991G	53.23	74.00	-20.77	3	Horizontal	216	1.80	-
Mode 2	Pass	PK	7.31792G	46.65	74.00	-27.35	3	Horizontal	168	1.12	-
Mode 2	Pass	PK	10.39868G	49.60	68.20	-18.60	3	Horizontal	310	2.30	-
Mode 2	Pass	PK	15.60084G	50.66	74.00	-23.34	3	Horizontal	245	1.29	-
Mode 3	Pass	AV	4.87989G	47.64	54.00	-6.36	3	Vertical	318	2.13	-
Mode 3	Pass	AV	7.31934G	37.15	54.00	-16.85	3	Vertical	247	1.50	-
Mode 3	Pass	AV	11.9298G	39.68	54.00	-14.32	3	Vertical	329	2.48	-
Mode 3	Pass	PK	4.88046G	53.26	74.00	-20.74	3	Vertical	318	2.13	-
Mode 3	Pass	PK	7.31947G	49.06	74.00	-24.94	3	Vertical	247	1.50	-
Mode 3	Pass	PK	11.92984G	50.74	74.00	-23.26	3	Vertical	329	2.48	-
Mode 3	Pass	AV	4.87986G	47.03	54.00	-6.97	3	Horizontal	295	1.12	-
Mode 3	Pass	AV	7.32G	34.68	54.00	-19.32	3	Horizontal	334	1.50	-
Mode 3	Pass	AV	11.92986G	37.89	54.00	-16.11	3	Horizontal	281	1.13	-
Mode 3	Pass	PK	4.88G	53.64	74.00	-20.36	3	Horizontal	295	1.12	-
Mode 3	Pass	PK	7.31778G	47.01	74.00	-26.99	3	Horizontal	334	1.50	-
Mode 3	Pass	PK	11.93038G	49.50	74.00	-24.50	3	Horizontal	281	1.13	-

Radiated Emissions above 1GHz_Mode 1



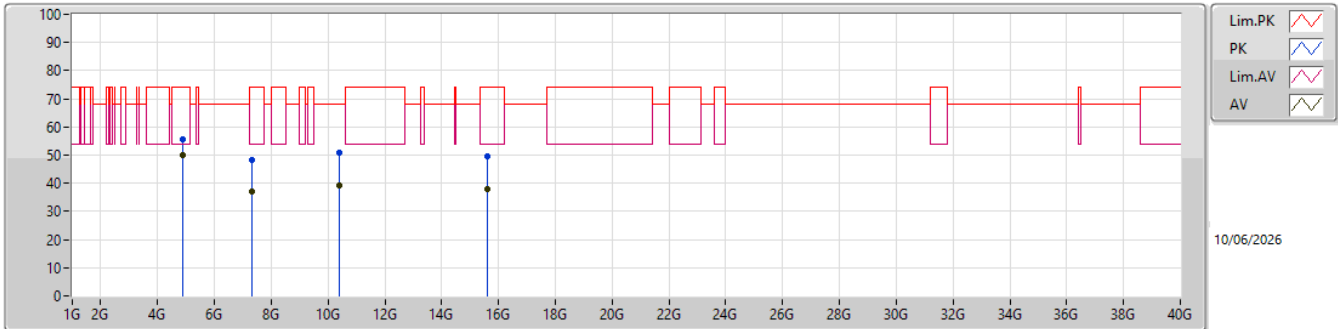
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87982G	48.80	54.00	-5.20	4.51	3	Vertical	10	1.08	44.29	32.78	6.36	34.63
AV	4.91384G	53.89	54.00	-0.11	4.75	3	Vertical	323	1.50	49.14	32.98	6.39	34.62
AV	7.31929G	47.97	54.00	-6.03	10.16	3	Vertical	220	1.50	37.81	37.02	7.77	34.63
AV	7.3716G	45.68	54.00	-8.32	10.01	3	Vertical	6	1.41	35.67	36.77	7.86	34.62
PK	4.87968G	54.56	74.00	-19.44	4.51	3	Vertical	10	1.08	50.05	32.78	6.36	34.63
PK	4.91412G	57.59	74.00	-16.41	4.75	3	Vertical	323	1.50	52.84	32.98	6.39	34.62
PK	7.32052G	56.11	74.00	-17.89	10.16	3	Vertical	220	1.50	45.95	37.02	7.77	34.63
PK	7.37122G	52.65	74.00	-21.35	10.01	3	Vertical	6	1.41	42.64	36.77	7.86	34.62

Radiated Emissions above 1GHz_Mode 1



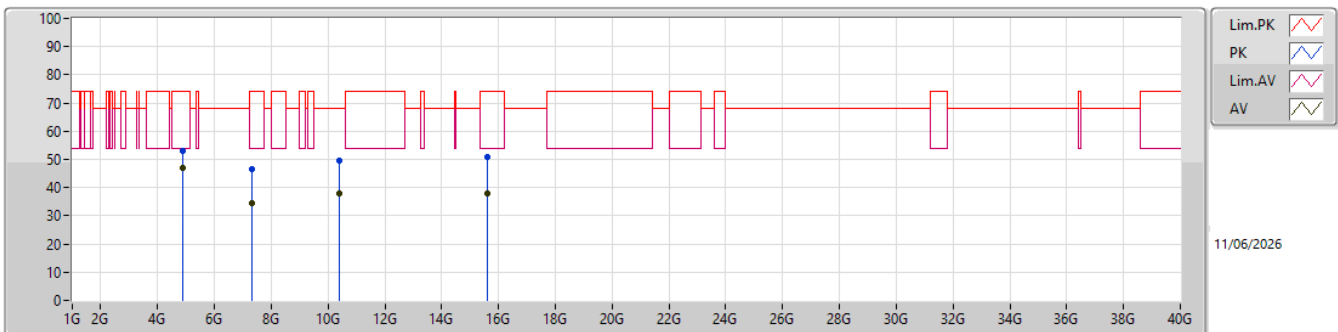
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87979G	52.96	54.00	-1.04	4.51	3	Horizontal	317	2.36	48.45	32.78	6.36	34.63
AV	4.9139G	53.90	54.00	-0.10	4.75	3	Horizontal	320	2.33	49.15	32.98	6.39	34.62
AV	7.31932G	43.31	54.00	-10.69	10.16	3	Horizontal	330	1.00	33.15	37.02	7.77	34.63
AV	7.37164G	38.01	54.00	-15.99	10.01	3	Horizontal	312	1.32	28.00	36.77	7.86	34.62
PK	4.87951G	59.11	74.00	-14.89	4.51	3	Horizontal	317	2.36	54.60	32.78	6.36	34.63
PK	4.91406G	58.45	74.00	-15.55	4.75	3	Horizontal	320	2.33	53.70	32.98	6.39	34.62
PK	7.3193G	52.19	74.00	-21.81	10.16	3	Horizontal	330	1.00	42.03	37.02	7.77	34.63
PK	7.3701G	51.16	74.00	-22.84	10.02	3	Horizontal	312	1.32	41.14	36.78	7.86	34.62

Radiated Emissions above 1GHz_Mode 2



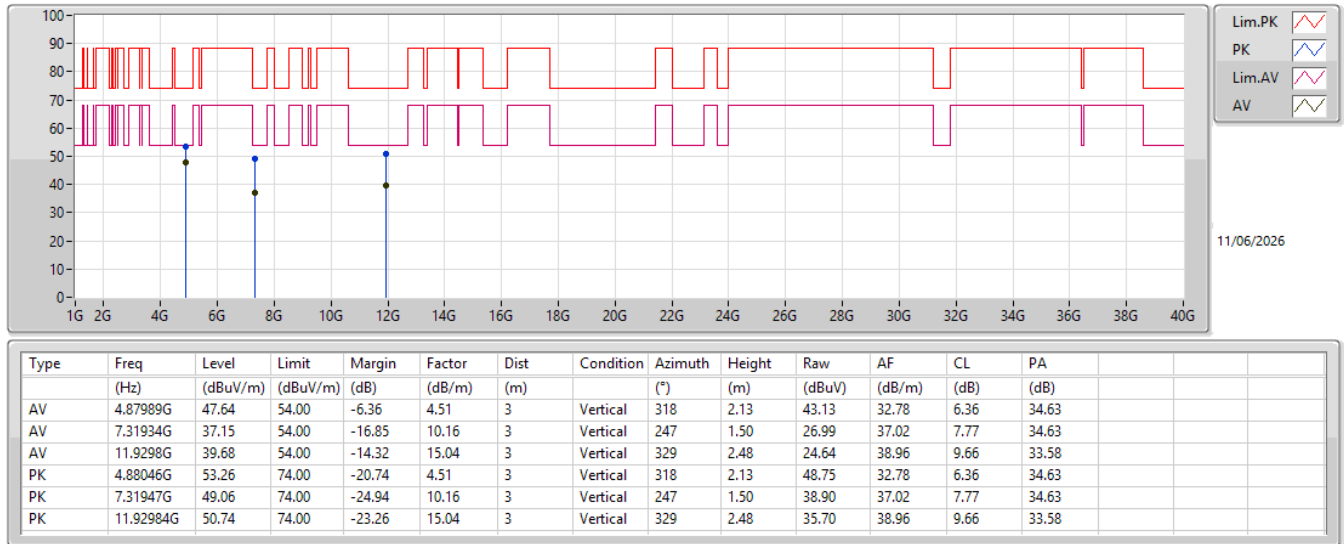
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87986G	50.01	54.00	-3.99	4.51	3	Vertical	327	2.03	45.50	32.78	6.36	34.63
AV	7.3193G	37.19	54.00	-16.81	10.16	3	Vertical	272	1.84	27.03	37.02	7.77	34.63
AV	10.4G	39.39	68.20	-28.81	13.96	3	Vertical	317	1.50	25.43	38.80	9.25	34.09
AV	15.6111G	37.83	54.00	-16.17	15.85	3	Vertical	6	2.24	21.98	38.36	11.43	33.94
PK	4.87946G	55.69	74.00	-18.31	4.51	3	Vertical	327	2.03	51.18	32.78	6.36	34.63
PK	7.31957G	48.27	74.00	-25.73	10.16	3	Vertical	272	1.84	38.11	37.02	7.77	34.63
PK	10.39724G	51.01	68.20	-17.19	13.96	3	Vertical	330	1.50	37.05	38.80	9.25	34.09
PK	15.59112G	49.47	74.00	-24.53	15.91	3	Vertical	6	2.24	33.56	38.40	11.42	33.91

Radiated Emissions above 1GHz_Mode 2

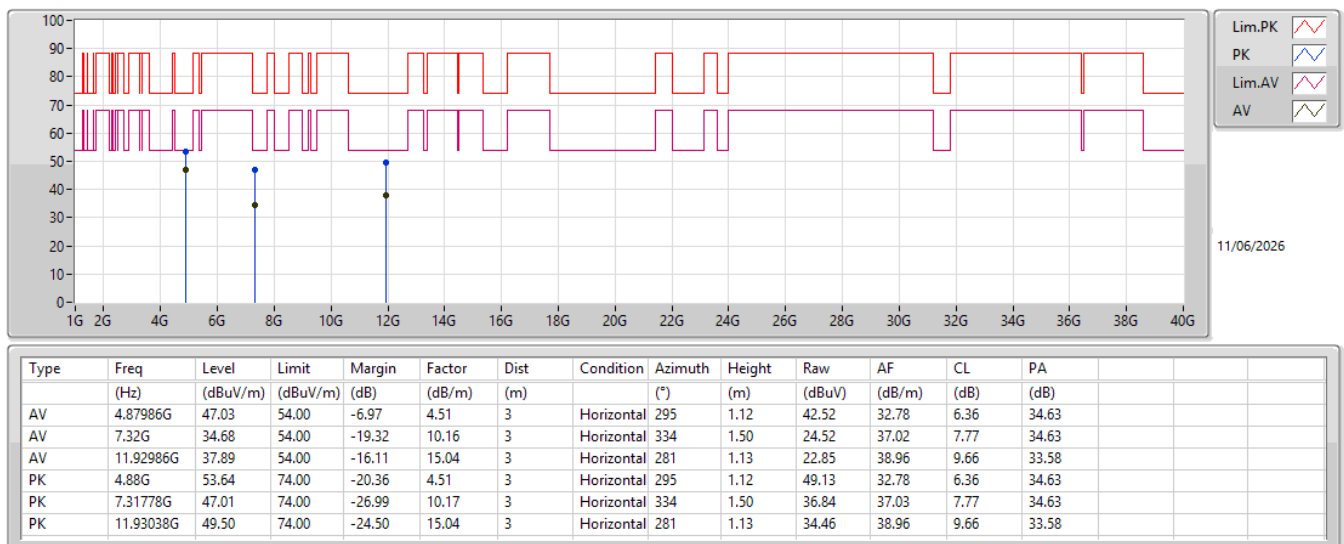


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.87992G	46.87	54.00	-7.13	4.51	3	Horizontal	216	1.80	42.36	32.78	6.36	34.63
AV	7.31895G	34.61	54.00	-19.39	10.16	3	Horizontal	168	1.12	24.45	37.02	7.77	34.63
AV	10.3997G	38.01	68.20	-30.19	13.96	3	Horizontal	310	2.30	24.05	38.80	9.25	34.09
AV	15.59928G	37.97	54.00	-16.03	15.90	3	Horizontal	245	1.29	22.07	38.40	11.43	33.93
PK	4.87991G	53.23	74.00	-20.77	4.51	3	Horizontal	216	1.80	48.72	32.78	6.36	34.63
PK	7.31792G	46.65	74.00	-27.35	10.17	3	Horizontal	168	1.12	36.48	37.03	7.77	34.63
PK	10.39868G	49.60	68.20	-18.60	13.96	3	Horizontal	310	2.30	35.64	38.80	9.25	34.09
PK	15.60084G	50.66	74.00	-23.34	15.90	3	Horizontal	245	1.29	34.76	38.40	11.43	33.93

Radiated Emissions above 1GHz_Mode 3



Radiated Emissions above 1GHz_Mode 3





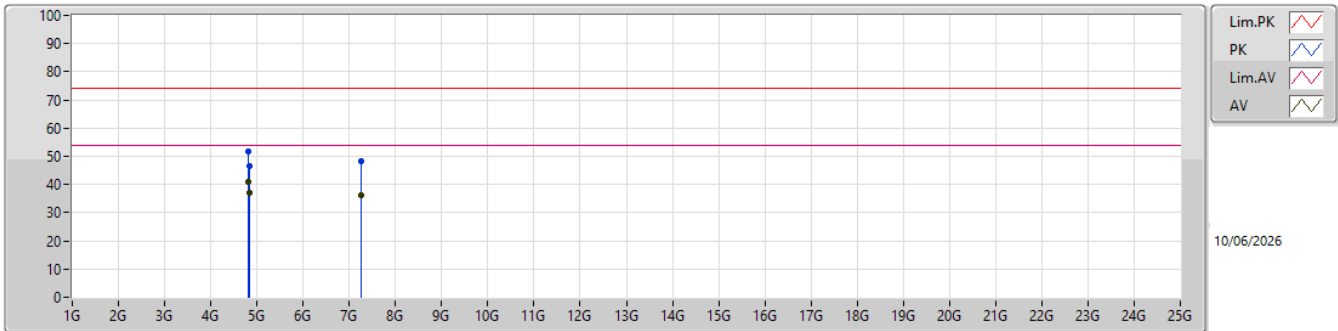
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.80312G	44.43	54.00	-9.57	Horizontal
Mode 2	Pass	AV	4.80394G	39.16	54.00	-14.84	Horizontal
Mode 3	Pass	AV	4.80305G	45.40	54.00	-8.60	Horizontal

Result

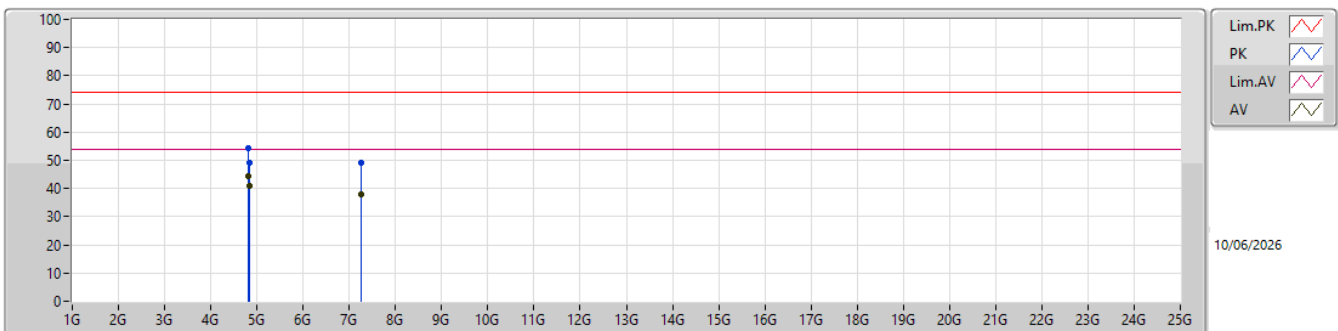
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	4.80297G	40.94	54.00	-13.06	3	Vertical	144	2.22	-
Mode 1	Pass	AV	4.83397G	36.90	54.00	-17.10	3	Vertical	39	1.60	-
Mode 1	Pass	AV	7.25003G	36.06	54.00	-17.94	3	Vertical	210	2.30	-
Mode 1	Pass	PK	4.80498G	51.77	74.00	-22.23	3	Vertical	144	2.22	-
Mode 1	Pass	PK	4.83389G	46.44	74.00	-27.56	3	Vertical	39	1.60	-
Mode 1	Pass	PK	7.24947G	48.21	74.00	-25.79	3	Vertical	210	2.30	-
Mode 1	Pass	AV	4.80312G	44.43	54.00	-9.57	3	Horizontal	7.9	1.04	-
Mode 1	Pass	AV	4.83398G	40.86	54.00	-13.14	3	Horizontal	351	1.50	-
Mode 1	Pass	AV	7.24995G	37.99	54.00	-16.01	3	Horizontal	267	2.00	-
Mode 1	Pass	PK	4.80295G	54.33	74.00	-19.67	3	Horizontal	7.9	1.04	-
Mode 1	Pass	PK	4.83401G	49.30	74.00	-24.70	3	Horizontal	351	1.50	-
Mode 1	Pass	PK	7.25014G	49.10	74.00	-24.90	3	Horizontal	267	2.00	-
Mode 2	Pass	AV	4.80489G	30.46	54.00	-23.54	3	Vertical	187	1.50	-
Mode 2	Pass	AV	10.36193G	36.88	68.20	-31.32	3	Vertical	39	1.50	-
Mode 2	Pass	AV	15.53887G	38.22	54.00	-15.78	3	Vertical	226	1.50	-
Mode 2	Pass	PK	4.80455G	42.20	74.00	-31.80	3	Vertical	187	1.50	-
Mode 2	Pass	PK	10.3596G	48.68	68.20	-19.52	3	Vertical	39	1.50	-
Mode 2	Pass	PK	15.53932G	50.57	74.00	-23.43	3	Vertical	226	1.50	-
Mode 2	Pass	AV	4.80394G	39.16	54.00	-14.84	3	Horizontal	8	1.05	-
Mode 2	Pass	AV	10.36022G	36.98	68.20	-31.22	3	Horizontal	310	1.50	-
Mode 2	Pass	AV	15.54012G	38.27	54.00	-15.73	3	Horizontal	225	1.50	-
Mode 2	Pass	PK	4.80405G	49.80	74.00	-24.20	3	Horizontal	8	1.05	-
Mode 2	Pass	PK	10.35833G	49.42	68.20	-18.78	3	Horizontal	310	1.50	-
Mode 2	Pass	PK	15.54145G	50.40	74.00	-23.60	3	Horizontal	225	1.50	-
Mode 3	Pass	AV	4.803G	42.28	54.00	-11.72	3	Vertical	220	2.56	-
Mode 3	Pass	AV	12.04998G	38.24	54.00	-15.76	3	Vertical	326	2.13	-
Mode 3	Pass	PK	4.805G	52.60	74.00	-21.40	3	Vertical	220	2.56	-
Mode 3	Pass	PK	12.05179G	50.05	74.00	-23.95	3	Vertical	326	2.13	-
Mode 3	Pass	AV	4.80305G	45.40	54.00	-8.60	3	Horizontal	179	1.34	-
Mode 3	Pass	AV	12.05009G	38.83	54.00	-15.17	3	Horizontal	303	1.12	-
Mode 3	Pass	PK	4.80504G	55.64	74.00	-18.36	3	Horizontal	179	1.34	-
Mode 3	Pass	PK	12.04958G	49.90	74.00	-24.10	3	Horizontal	303	1.12	-

Radiated Emissions above 1GHz_Mode 1



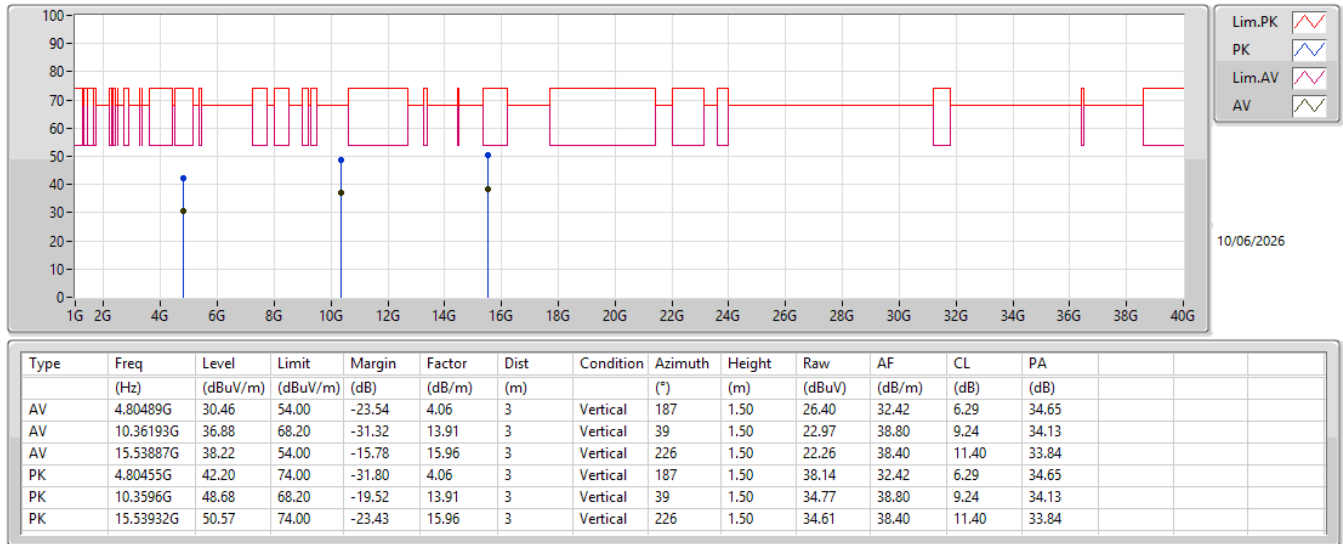
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.80297G	40.94	54.00	-13.06	4.05	3	Vertical	144	2.22	36.89	32.41	6.29	34.65
AV	4.83397G	36.90	54.00	-17.10	4.22	3	Vertical	39	1.60	32.68	32.54	6.32	34.64
AV	7.25003G	36.06	54.00	-17.94	10.11	3	Vertical	210	2.30	25.95	37.10	7.65	34.64
PK	4.80498G	51.77	74.00	-22.23	4.06	3	Vertical	144	2.22	47.71	32.42	6.29	34.65
PK	4.83389G	46.44	74.00	-27.56	4.22	3	Vertical	39	1.60	42.22	32.54	6.32	34.64
PK	7.24947G	48.21	74.00	-25.79	10.11	3	Vertical	210	2.30	38.10	37.10	7.65	34.64

Radiated Emissions above 1GHz_Mode 1

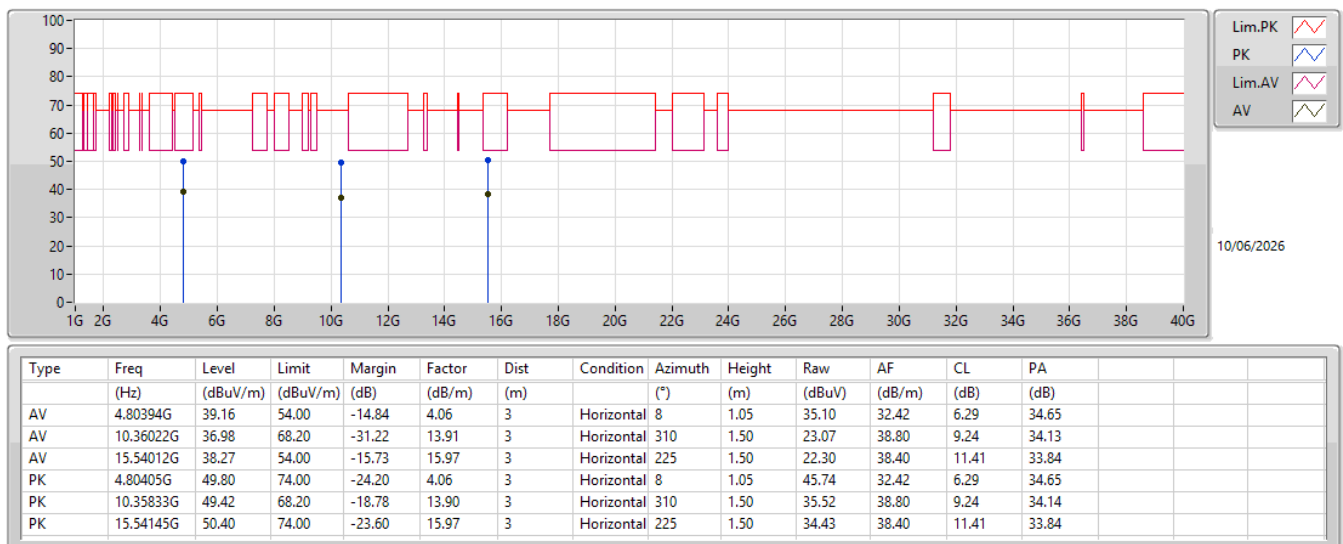


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.80312G	44.43	54.00	-9.57	4.05	3	Horizontal	7.9	1.04	40.38	32.41	6.29	34.65
AV	4.83398G	40.86	54.00	-13.14	4.22	3	Horizontal	351	1.50	36.64	32.54	6.32	34.64
AV	7.24995G	37.99	54.00	-16.01	10.11	3	Horizontal	267	2.00	27.88	37.10	7.65	34.64
PK	4.80295G	54.33	74.00	-19.67	4.05	3	Horizontal	7.9	1.04	50.28	32.41	6.29	34.65
PK	4.83401G	49.30	74.00	-24.70	4.22	3	Horizontal	351	1.50	45.08	32.54	6.32	34.64
PK	7.25014G	49.10	74.00	-24.90	10.11	3	Horizontal	267	2.00	38.99	37.10	7.65	34.64

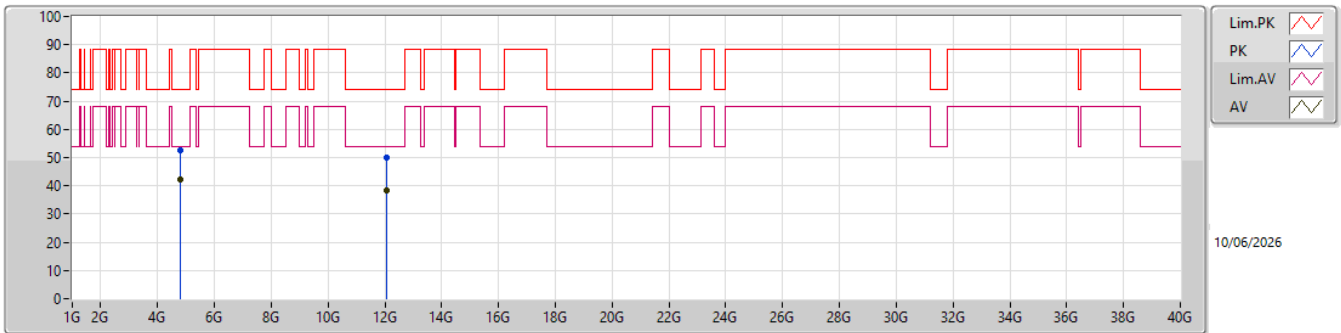
Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2

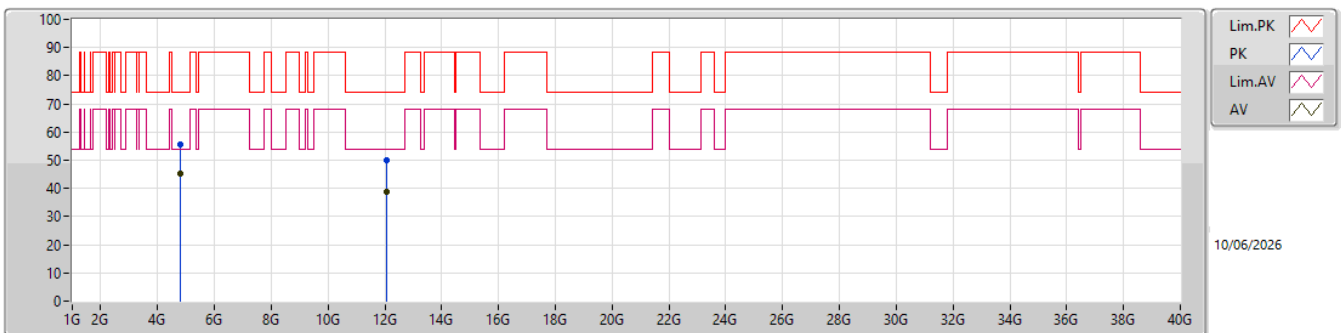


Radiated Emissions above 1GHz_Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.803G	42.28	54.00	-11.72	4.05	3	Vertical	220	2.56	38.23	32.41	6.29	34.65
AV	12.04998G	38.24	54.00	-15.76	15.32	3	Vertical	326	2.13	22.92	39.20	9.71	33.59
PK	4.805G	52.60	74.00	-21.40	4.06	3	Vertical	220	2.56	48.54	32.42	6.29	34.65
PK	12.05179G	50.05	74.00	-23.95	15.32	3	Vertical	326	2.13	34.73	39.20	9.71	33.59

Radiated Emissions above 1GHz_Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.80305G	45.40	54.00	-8.60	4.05	3	Horizontal	179	1.34	41.35	32.41	6.29	34.65
AV	12.05009G	38.83	54.00	-15.17	15.32	3	Horizontal	303	1.12	23.51	39.20	9.71	33.59
PK	4.80504G	55.64	74.00	-18.36	4.06	3	Horizontal	179	1.34	51.58	32.42	6.29	34.65
PK	12.04958G	49.90	74.00	-24.10	15.32	3	Horizontal	303	1.12	34.58	39.20	9.71	33.59