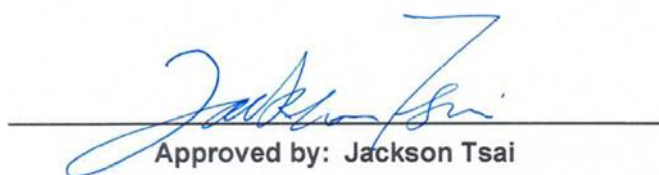


FCC Radio Test Report

FCC ID : XPYJODYB1
Equipment : BT Module
Brand Name : u-blox
Model Name : JODY-B151-01A
Applicant : u-Blox AG
Zürcherstrasse 68, 8800 Thalwil Switzerland
Manufacturer : u-Blox AG
Zürcherstrasse 68, 8800 Thalwil Switzerland
Standard : 47 CFR FCC Part 15.247

The product was received on Mar. 20, 2026, and testing was started from Apr. 14, 2026 and completed on Apr. 22, 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.)



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PHOTOGRAPHS OF EUT V01	

[illegible]

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: Michelle Tsai

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]

Flex (FPC) PCB Antenna

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

Dipole Antenna

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

Note:

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

1.1.2 Antenna Information

Ant.	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)
1	Molex	146153	Flex (FPC) PCB	I-Pex	3
2	Linx	ANT-DB1-RAF	Dipole	SMA	4.1

Note 1: The EUT has two antennas.

Note 2: The antenna mentioned above will not be sold with the EUT in the market.

For BT function:

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

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

**1.1.3 EUT Information**

Operational Condition			
EUT Power Type	From Test 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**Flex (FPC) PCB Antenna**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-BR(1Mbps)	0.761	1.19	2.888m	500
BT-EDR(2Mbps)	0.742	1.3	2.888m	500
BT-EDR(3Mbps)	0.747	1.27	2.889m	500

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

Dipole Antenna

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-BR(1Mbps)	0.761	1.19	2.888m	500
BT-EDR(2Mbps)	0.742	1.3	2.888m	500
BT-EDR(3Mbps)	0.747	1.27	2.889m	500

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + 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	CON04-HY	Lego Lin	17.5~19.2°C / 57~61%	18/Apr/2026
RF Conducted	TH07-HY	Alan Chien	23.4~23.9°C / 52~55%	17/Apr/2026
Radiated	03CH02-HY	Daniel Lin	22.7~24.4°C / 52~58%	14/Apr/2026~22/Apr/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	Tera Term 4.104
-----------------------	-----------------

Flex (FPC) PCB Antenna

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

Dipole Antenna

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

2.2 The Worst Case Measurement Configuration

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

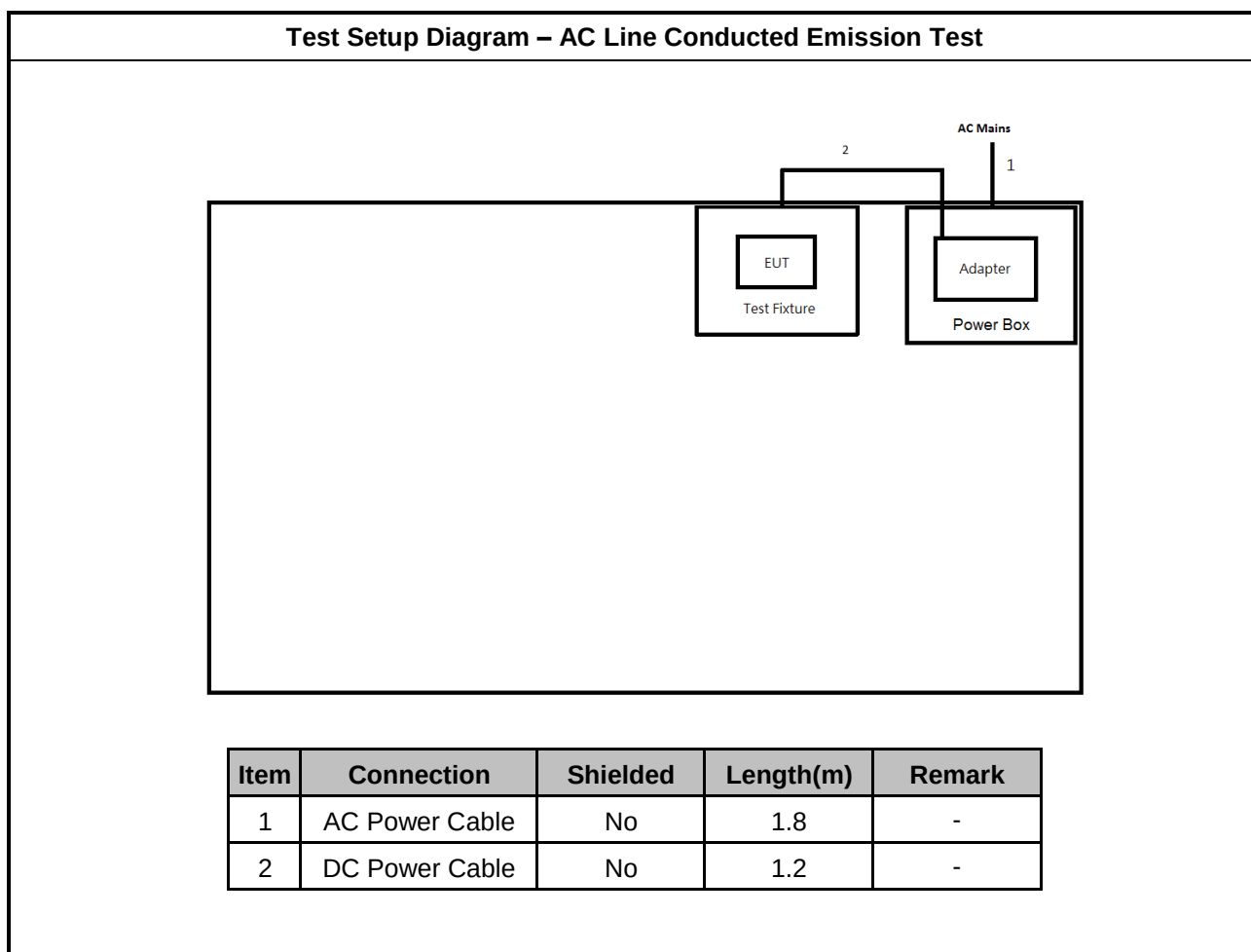
The Worst Case Mode for Following Conformance Tests			
Tests Item	Emissions in Restricted Frequency Bands		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should 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	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

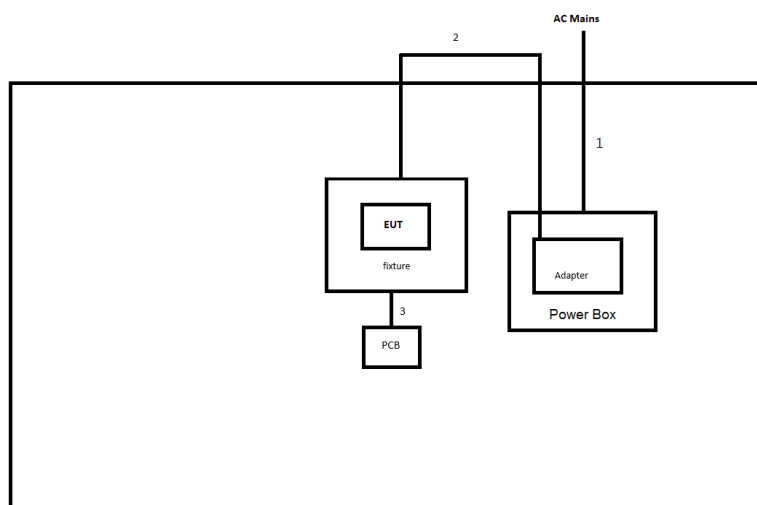
2.3 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture	u-blox	EVK-JODY-B1	-	Provided by Customer
2	Type C to Adapter	EDAC	EA1045CR	-	Provided by Customer

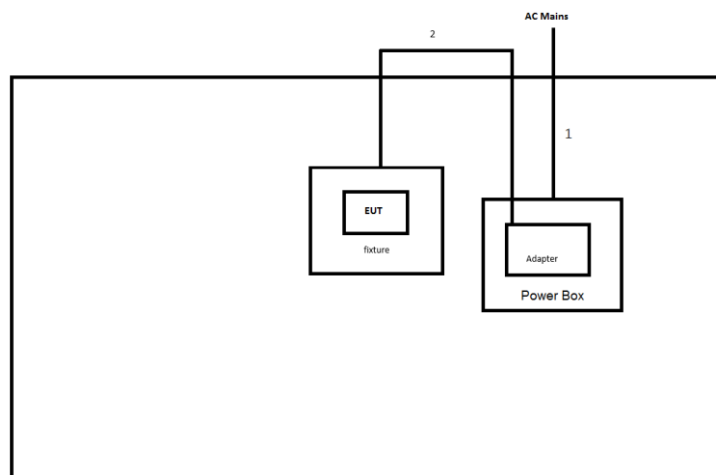
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	Fixture	u-blox	EVK-JODY-B1	-	-
4	Type C to Adapter	EDAC	EA1045CR	-	-

2.4 Test Setup Diagram



Test Setup Diagram - Radiated Test (Flex (FPC) PCB Antenna)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.2	
3	RF Cable	No	0.05	-

Test Setup Diagram - Radiated Test (Dipole Antenna)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	DC Power Cable	No	1.2	-

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

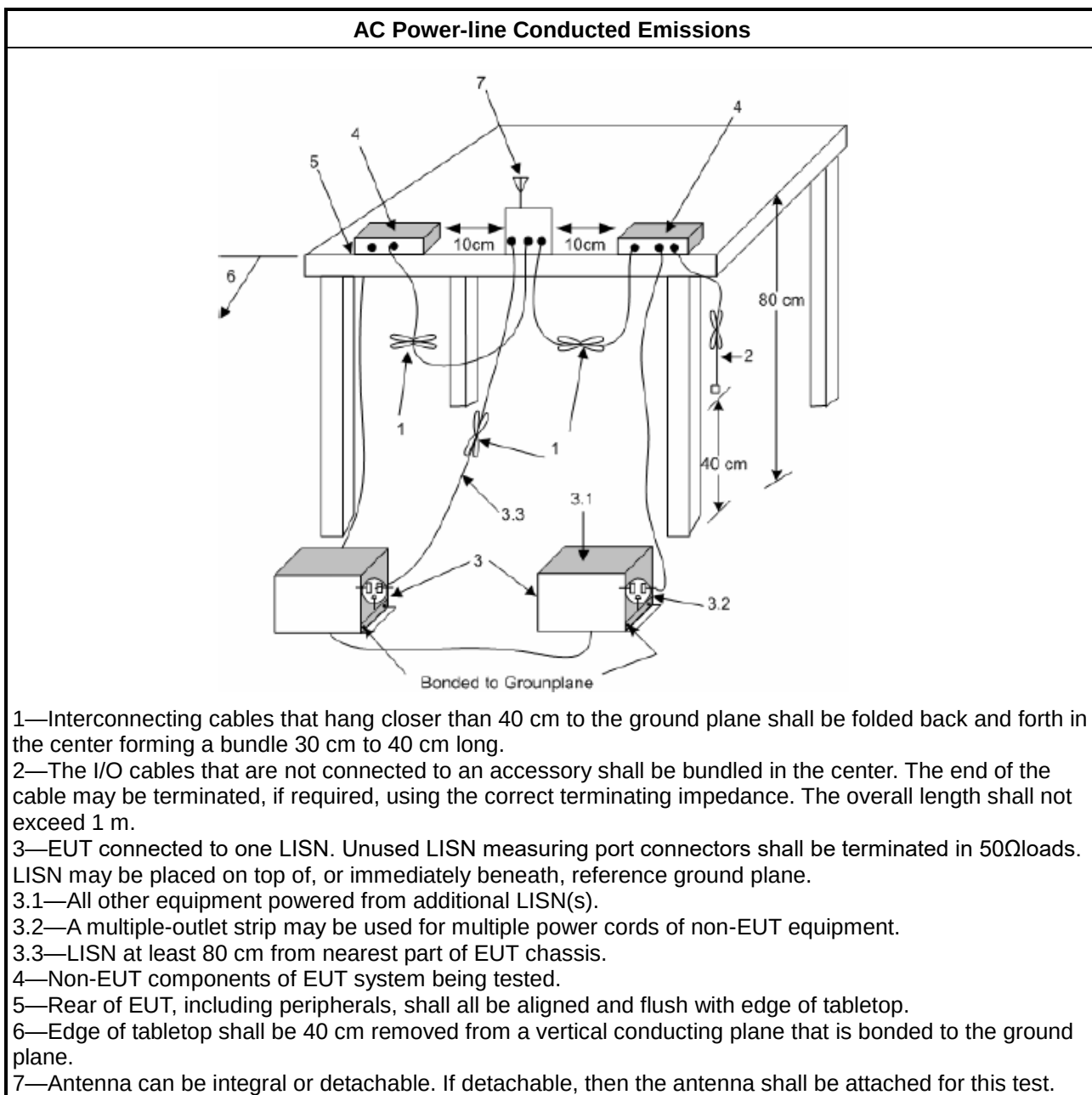
Test Method
Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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	

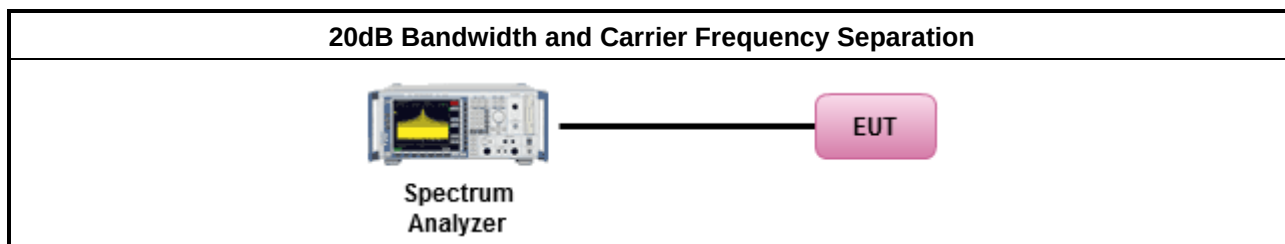
3.2.2 Measuring Instruments

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	

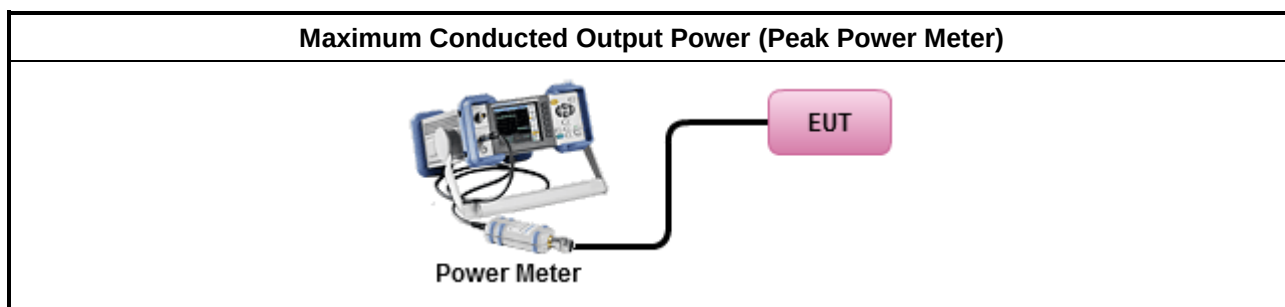
3.3.2 Measuring Instruments

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

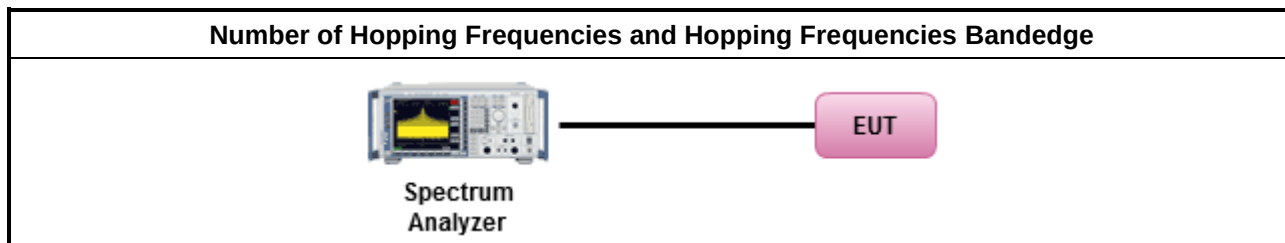
3.4.3 Measuring Instruments

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	

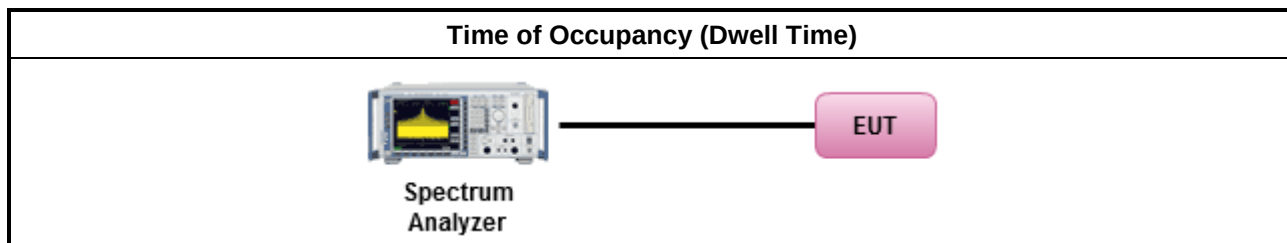
3.5.2 Measuring Instruments

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.	

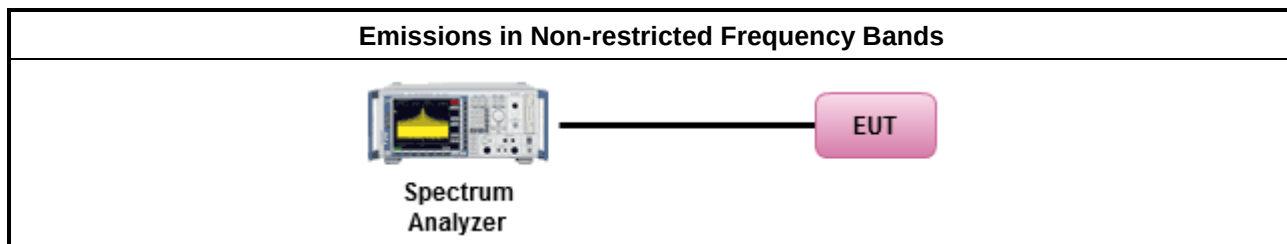
3.6.2 Measuring Instruments

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

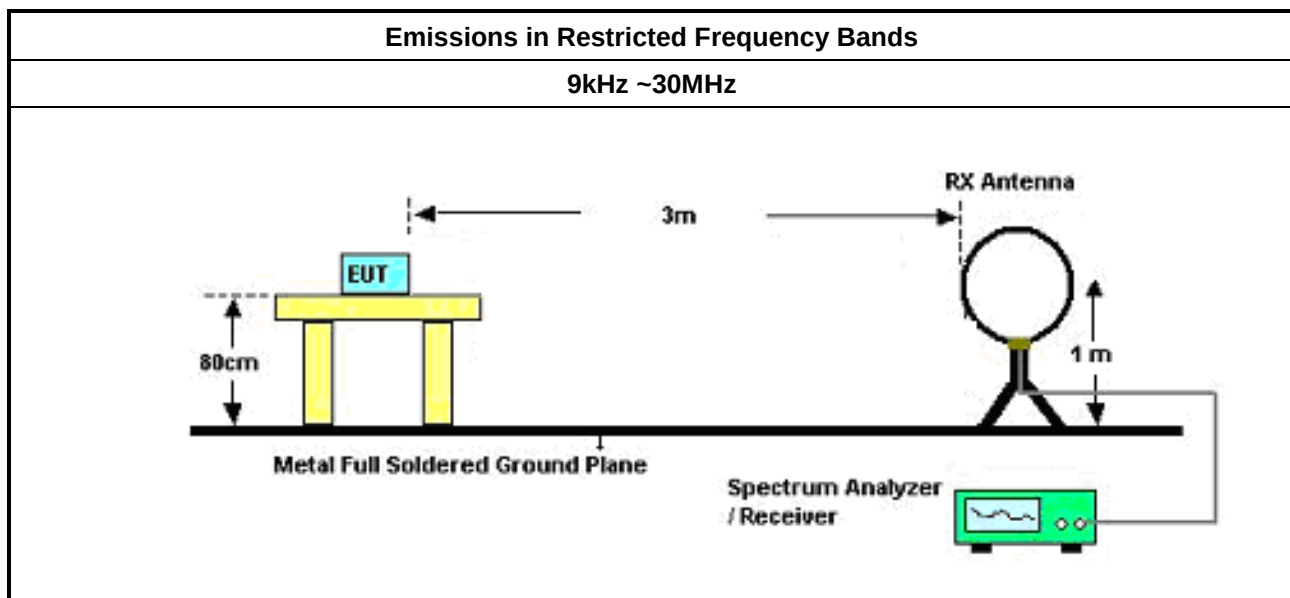
Test Method	
- The average emission levels shall be measured in [hopping duty factor]. - Refer as ANSI C63.10; clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band. - For the transmitter unwanted emissions shall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

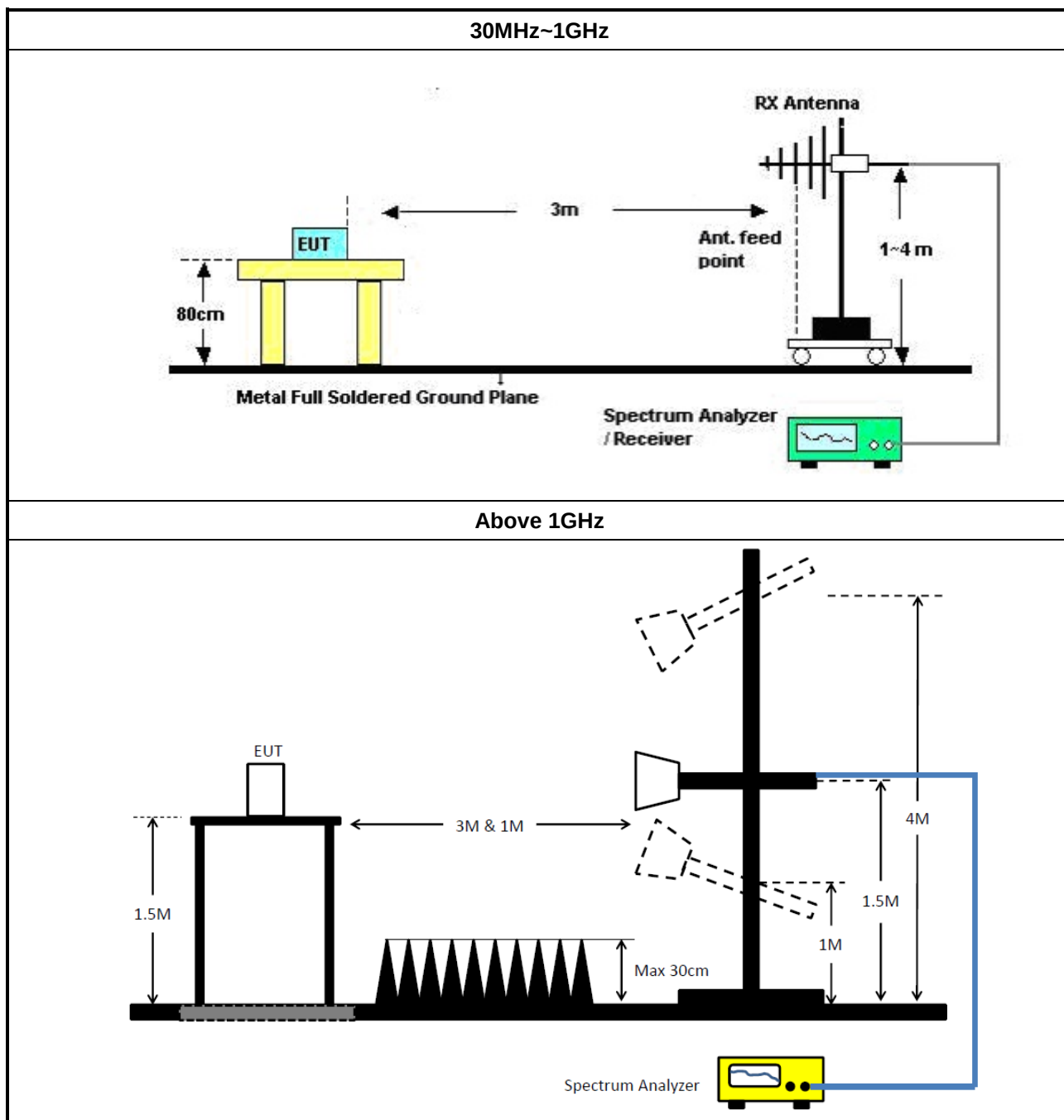
3.7.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp 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	V5.11.28	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	14/May/2025	13/May/2026
Signal Analyzer	ROHDE & SCHWARZ	FSV40	101500	10Hz~40GHz	12/Nov/2025	11/Nov/2026
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	02268	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 Preamp	Agilent	8449B	3008A02373	1GHz~26.5GHz	30/Sep/2025	29/Sep/2026
Microwave Preamp	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	26/Apr/2025	25/Apr/2026
SENSE-15247-FS	Sporton	V5.11.23	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

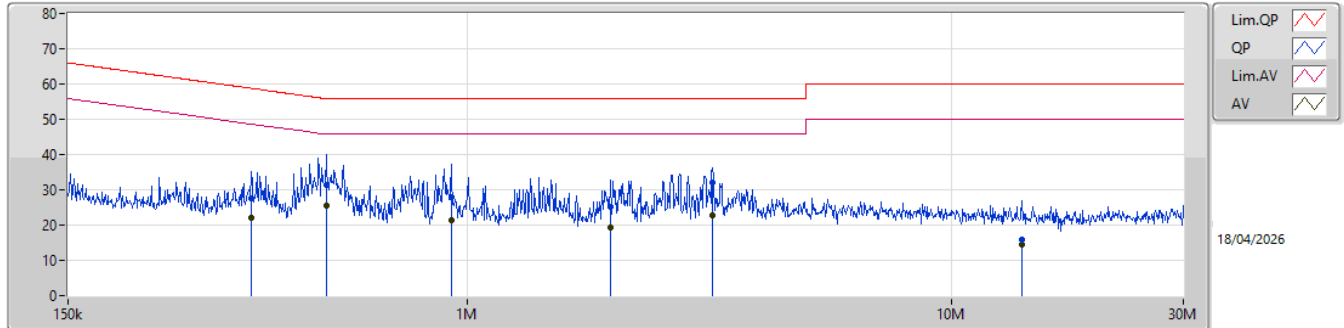
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	519.13k	33.14	46.00	-12.86	Neutral

Result

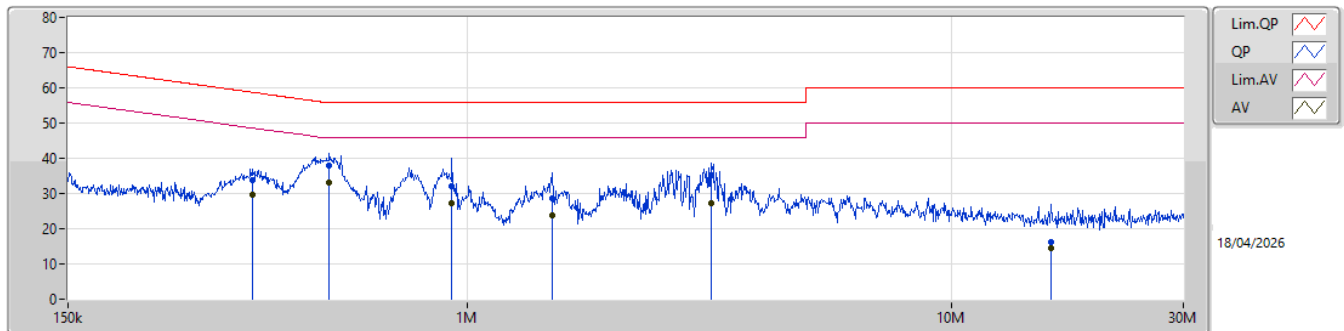
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	358.13k	27.53	58.77	-31.24	Line
Mode 1	Pass	AV	358.13k	22.03	48.77	-26.74	Line
Mode 1	Pass	QP	510.906k	31.49	56.00	-24.51	Line
Mode 1	Pass	AV	510.906k	25.62	46.00	-20.38	Line
Mode 1	Pass	QP	926.114k	28.06	56.00	-27.94	Line
Mode 1	Pass	AV	926.114k	21.38	46.00	-24.62	Line
Mode 1	Pass	QP	1.977M	25.31	56.00	-30.69	Line
Mode 1	Pass	AV	1.977M	19.41	46.00	-26.59	Line
Mode 1	Pass	QP	3.205M	31.97	56.00	-24.03	Line
Mode 1	Pass	AV	3.205M	22.68	46.00	-23.32	Line
Mode 1	Pass	QP	13.927M	15.75	60.00	-44.25	Line
Mode 1	Pass	AV	13.927M	14.36	50.00	-35.64	Line
Mode 1	Pass	QP	359.562k	33.71	58.73	-25.02	Neutral
Mode 1	Pass	AV	359.562k	29.75	48.73	-18.98	Neutral
Mode 1	Pass	QP	519.13k	37.85	56.00	-18.15	Neutral
Mode 1	Pass	AV	519.13k	33.14	46.00	-12.86	Neutral
Mode 1	Pass	QP	929.818k	31.96	56.00	-24.04	Neutral
Mode 1	Pass	AV	929.818k	27.15	46.00	-18.85	Neutral
Mode 1	Pass	QP	1.495M	28.49	56.00	-27.51	Neutral
Mode 1	Pass	AV	1.495M	23.75	46.00	-22.25	Neutral
Mode 1	Pass	QP	3.18M	35.18	56.00	-20.82	Neutral
Mode 1	Pass	AV	3.18M	27.41	46.00	-18.59	Neutral
Mode 1	Pass	QP	16.015M	16.35	60.00	-43.65	Neutral
Mode 1	Pass	AV	16.015M	14.59	50.00	-35.41	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	358.13k	27.53	58.77	-31.24	19.85	Line	7.68	9.63	0.10	10.12								
AV	358.13k	22.03	48.77	-26.74	19.85	Line	2.18	9.63	0.10	10.12								
QP	510.906k	31.49	56.00	-24.51	19.84	Line	11.65	9.63	0.09	10.12								
AV	510.906k	25.62	46.00	-20.38	19.84	Line	5.78	9.63	0.09	10.12								
QP	926.114k	28.06	56.00	-27.94	19.83	Line	8.23	9.64	0.07	10.12								
AV	926.114k	21.38	46.00	-24.62	19.83	Line	1.55	9.64	0.07	10.12								
QP	1.977M	25.31	56.00	-30.69	19.82	Line	5.49	9.65	0.04	10.13								
AV	1.977M	19.41	46.00	-26.59	19.82	Line	-0.41	9.65	0.04	10.13								
QP	3.205M	31.97	56.00	-24.03	19.89	Line	12.08	9.66	0.10	10.13								
AV	3.205M	22.68	46.00	-23.32	19.89	Line	2.79	9.66	0.10	10.13								
QP	13.927M	15.75	60.00	-44.25	20.13	Line	-4.38	9.66	0.34	10.13								
AV	13.927M	14.36	50.00	-35.64	20.13	Line	-5.77	9.66	0.34	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	359.562k	33.71	58.73	-25.02	19.85	Neutral	13.86	9.63	0.10	10.12								
AV	359.562k	29.75	48.73	-18.98	19.85	Neutral	9.90	9.63	0.10	10.12								
QP	519.13k	37.85	56.00	-18.15	19.84	Neutral	18.01	9.63	0.09	10.12								
AV	519.13k	33.14	46.00	-12.86	19.84	Neutral	13.30	9.63	0.09	10.12								
QP	929.818k	31.96	56.00	-24.04	19.83	Neutral	12.13	9.64	0.07	10.12								
AV	929.818k	27.15	46.00	-18.85	19.83	Neutral	7.32	9.64	0.07	10.12								
QP	1.495M	28.49	56.00	-27.51	19.83	Neutral	8.66	9.65	0.05	10.13								
AV	1.495M	23.75	46.00	-22.25	19.83	Neutral	3.92	9.65	0.05	10.13								
QP	3.18M	35.18	56.00	-20.82	19.89	Neutral	15.29	9.66	0.10	10.13								
AV	3.18M	27.41	46.00	-18.59	19.89	Neutral	7.52	9.66	0.10	10.13								
QP	16.015M	16.35	60.00	-43.65	20.20	Neutral	-3.85	9.71	0.36	10.13								
AV	16.015M	14.59	50.00	-35.41	20.20	Neutral	-5.61	9.71	0.36	10.13								

**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)	882.75k	871.253k	871KF1D	833.25k	838.166k
BT-EDR(2Mbps)	1.312M	1.213M	1M21G1D	1.279M	1.196M
BT-EDR(3Mbps)	1.35M	1.201M	1M20G1D	1.293M	1.182M

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

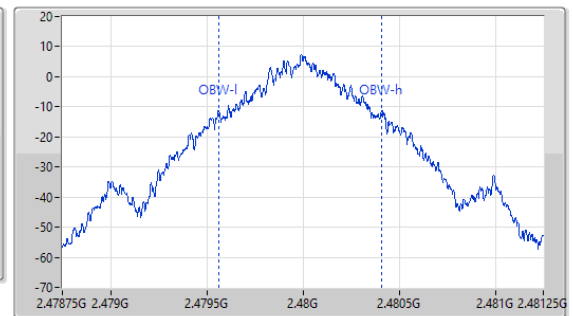
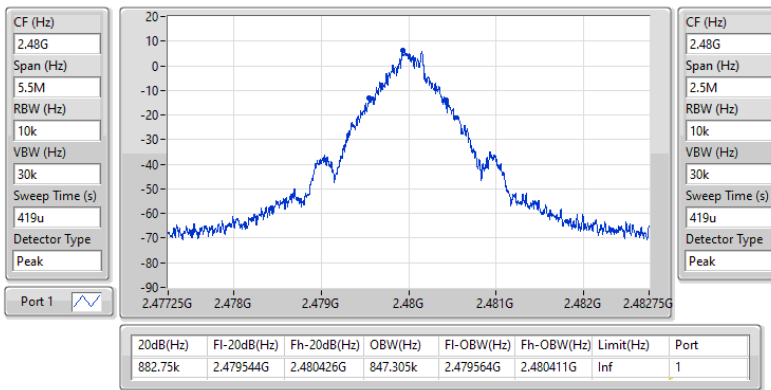
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	836k	871.253k
2440MHz	Pass	Inf	833.25k	838.166k
2480MHz	Pass	Inf	882.75k	847.305k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.29M	1.213M
2440MHz	Pass	Inf	1.279M	1.203M
2480MHz	Pass	Inf	1.312M	1.196M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.326M	1.201M
2440MHz	Pass	Inf	1.35M	1.2M
2480MHz	Pass	Inf	1.293M	1.182M

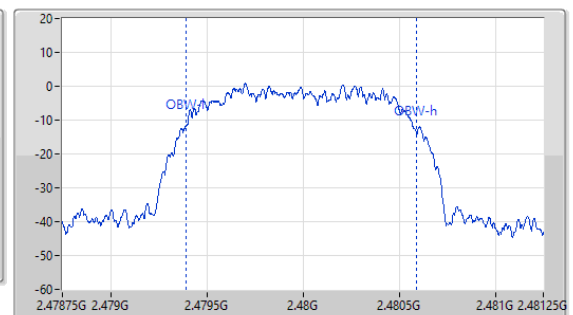
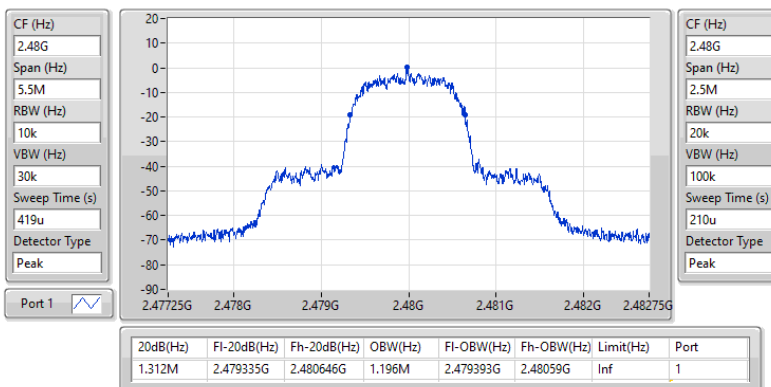
Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

17/04/2026


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

17/04/2026

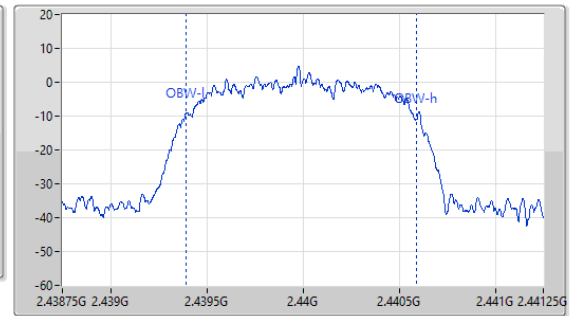
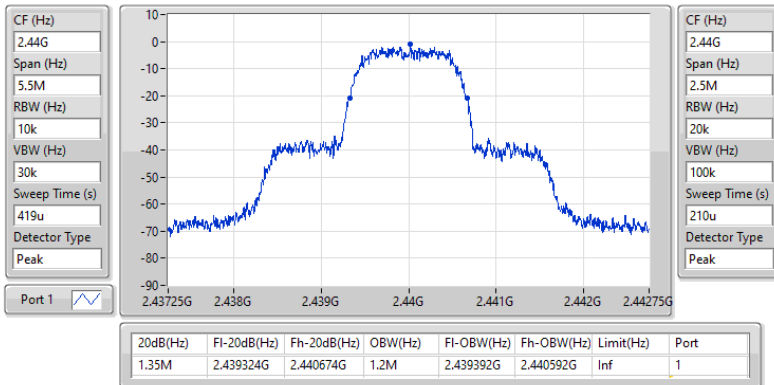


2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2440MHz

17/04/2026





Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.02M	999k
BT-EDR(2Mbps)	1.005M	1.0005M
BT-EDR(3Mbps)	999k	996k

Result

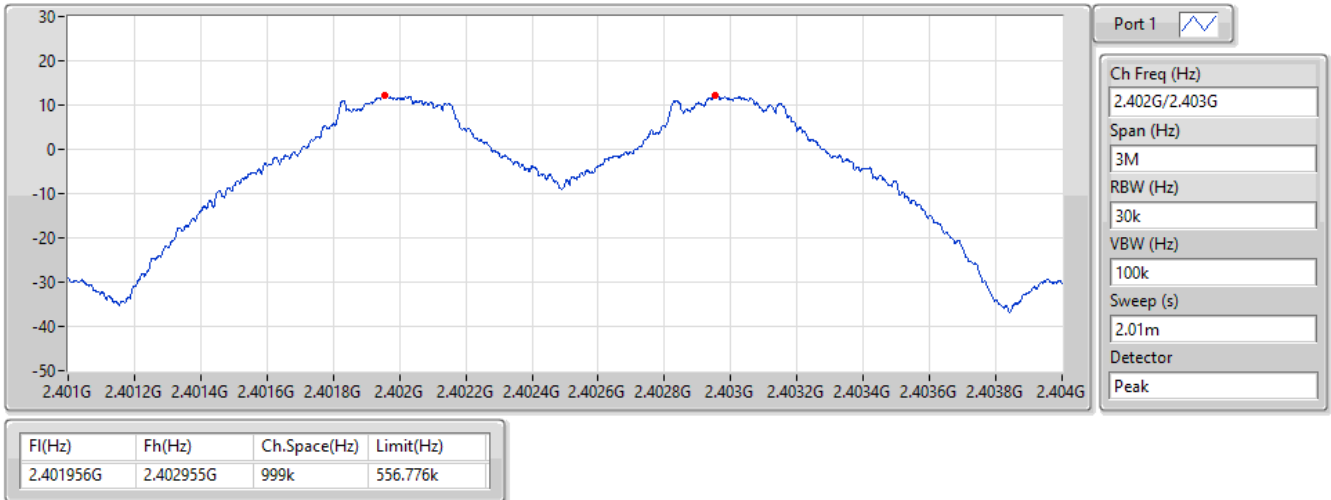
Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.401956G	2.402955G	999k	556.776k
2440MHz	Pass	2.439954G	2.440974G	1.02M	554.9445k
2480MHz	Pass	2.478999G	2.48G	1.0005M	587.9115k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.40214G	2.403144G	1.0035M	859.14k
2440MHz	Pass	2.440145G	2.441145G	1.0005M	851.814k
2480MHz	Pass	2.479143G	2.480148G	1.005M	873.792k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.402145G	2.403142G	997.5k	883.116k
2440MHz	Pass	2.440146G	2.441142G	996k	899.1k
2480MHz	Pass	2.479145G	2.480144G	999k	861.138k

2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.402G/2.403GHz

17/04/2026

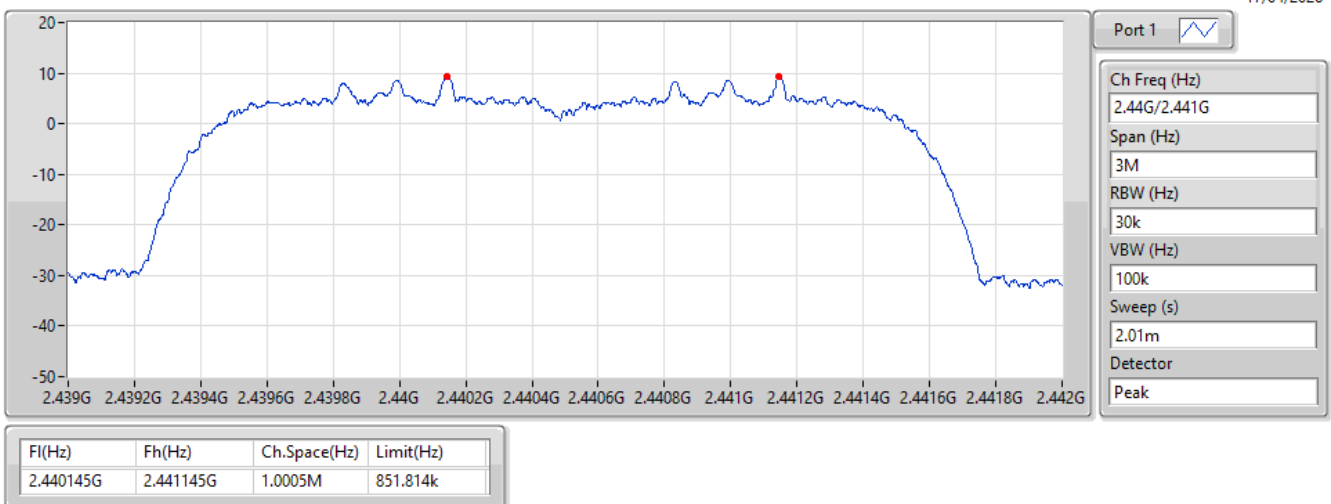


2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.44G/2.441GHz

17/04/2026

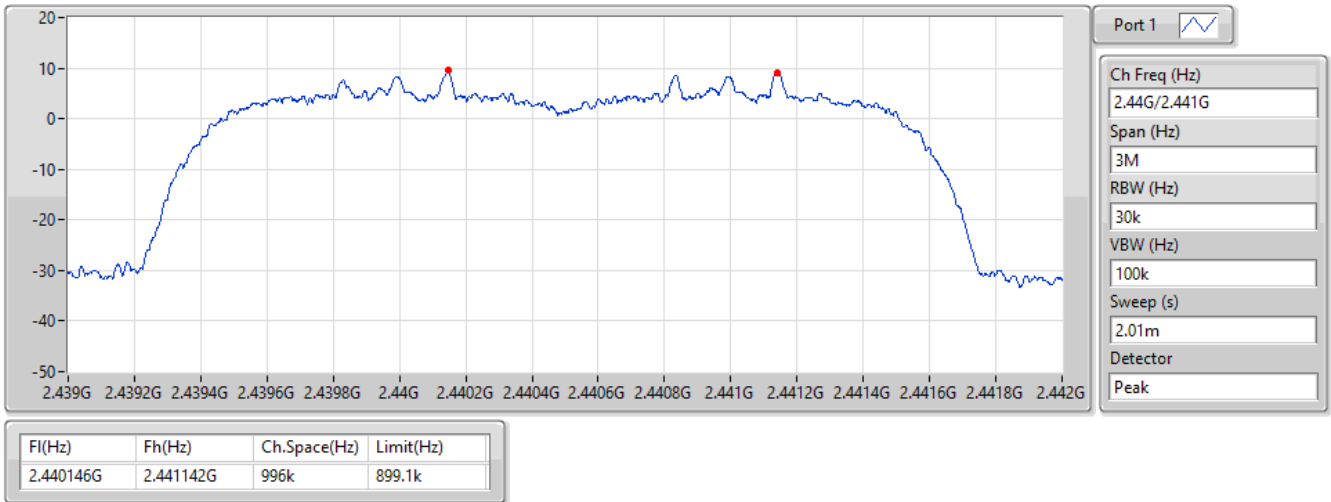


2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.44G/2.441GHz

17/04/2026



**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)	882.75k	871.253k	871KF1D	833.25k	838.166k
BT-EDR(2Mbps)	1.312M	1.213M	1M21G1D	1.279M	1.196M
BT-EDR(3Mbps)	1.35M	1.201M	1M20G1D	1.293M	1.182M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	836k	871.253k
2440MHz	Pass	Inf	833.25k	838.166k
2480MHz	Pass	Inf	882.75k	847.305k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.29M	1.213M
2440MHz	Pass	Inf	1.279M	1.203M
2480MHz	Pass	Inf	1.312M	1.196M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.326M	1.201M
2440MHz	Pass	Inf	1.35M	1.2M
2480MHz	Pass	Inf	1.293M	1.182M

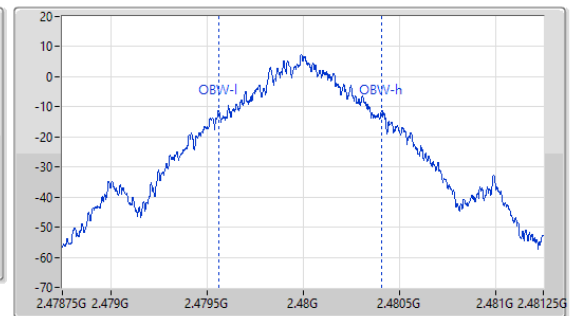
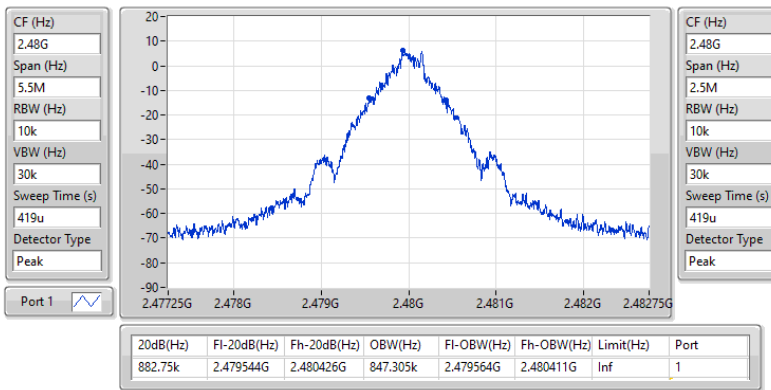
Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-BR(1Mbps)

EBW-FS

2480MHz

17/04/2026

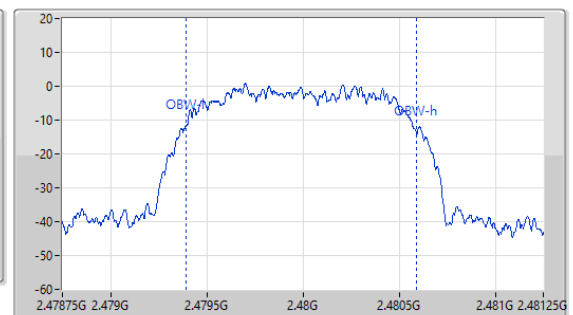
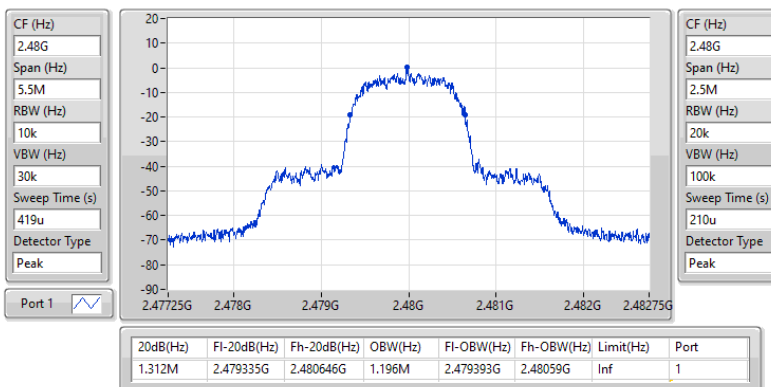


2.4-2.4835GHz_BT-EDR(2Mbps)

EBW-FS

2480MHz

17/04/2026

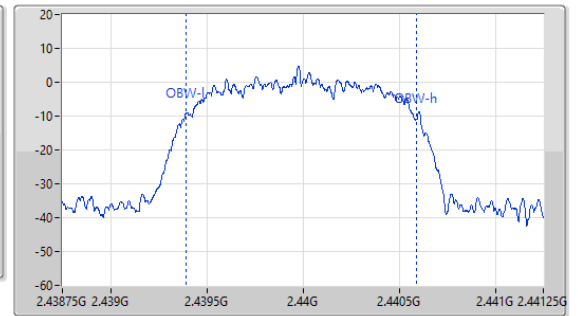
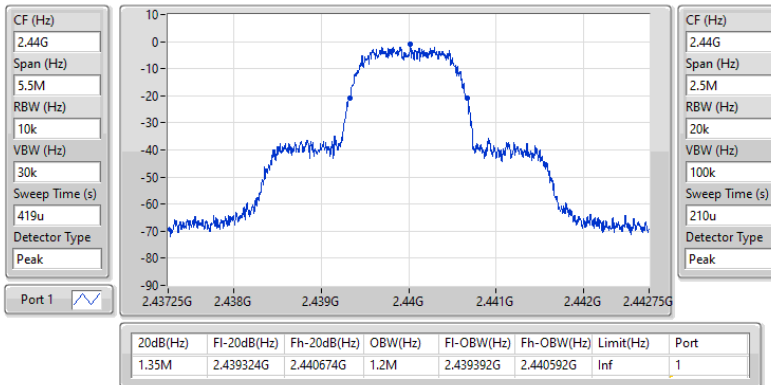


2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2440MHz

17/04/2026





Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.02M	999k
BT-EDR(2Mbps)	1.005M	1.0005M
BT-EDR(3Mbps)	999k	996k

Result

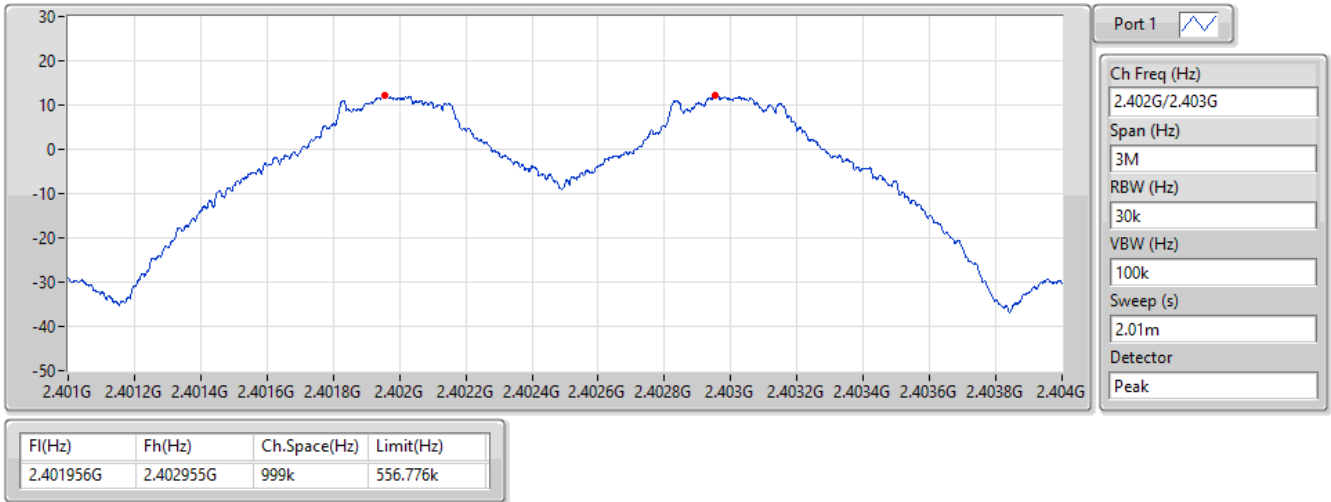
Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.401956G	2.402955G	999k	556.776k
2440MHz	Pass	2.439954G	2.440974G	1.02M	554.9445k
2480MHz	Pass	2.478999G	2.48G	1.0005M	587.9115k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.40214G	2.403144G	1.0035M	859.14k
2440MHz	Pass	2.440145G	2.441145G	1.0005M	851.814k
2480MHz	Pass	2.479143G	2.480148G	1.005M	873.792k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.402145G	2.403142G	997.5k	883.116k
2440MHz	Pass	2.440146G	2.441142G	996k	899.1k
2480MHz	Pass	2.479145G	2.480144G	999k	861.138k

2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.402G/2.403GHz

17/04/2026

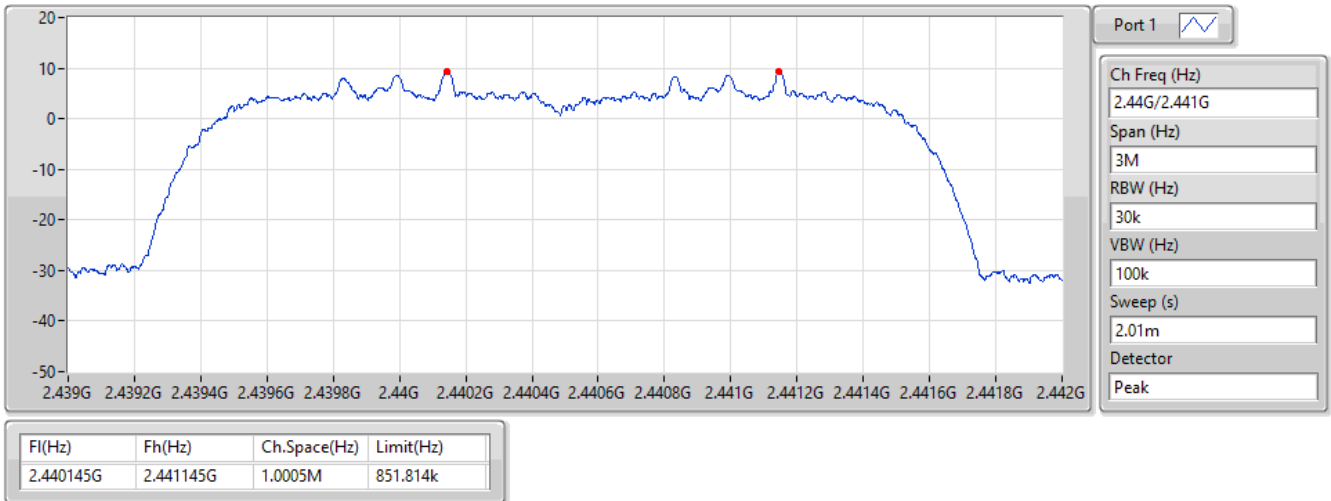


2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.44G/2.441GHz

17/04/2026

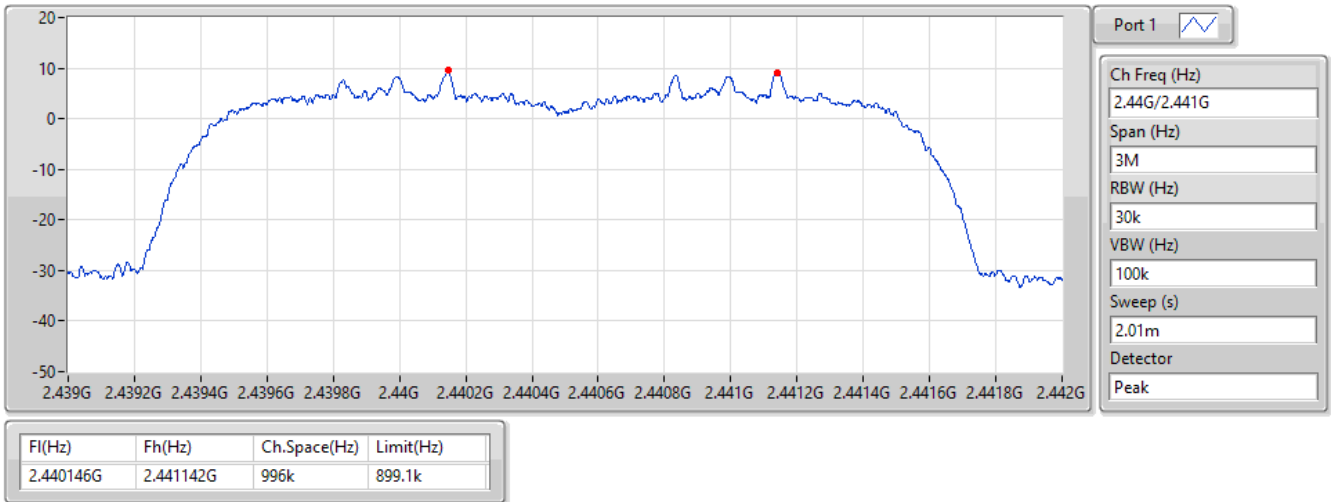


2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.44G/2.441GHz

17/04/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	13.23	0.02104
BT-EDR(2Mbps)	12.20	0.01660
BT-EDR(3Mbps)	12.39	0.01734



Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	3.00	12.96	21.00
2440MHz	Pass	3.00	13.23	21.00
2480MHz	Pass	3.00	12.67	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	3.00	12.20	21.00
2440MHz	Pass	3.00	12.13	21.00
2480MHz	Pass	3.00	11.07	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	3.00	12.39	21.00
2440MHz	Pass	3.00	12.39	21.00
2480MHz	Pass	3.00	11.37	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)	13.03	0.02009
BT-EDR(2Mbps)	10.07	0.01016
BT-EDR(3Mbps)	10.00	0.01000



Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	3.00	12.79	21.00
2440MHz	Pass	3.00	13.03	21.00
2480MHz	Pass	3.00	12.45	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	3.00	10.07	21.00
2440MHz	Pass	3.00	9.96	21.00
2480MHz	Pass	3.00	8.79	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	3.00	10.00	21.00
2440MHz	Pass	3.00	9.90	21.00
2480MHz	Pass	3.00	8.75	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)	13.23	0.02104
BT-EDR(2Mbps)	12.20	0.01660
BT-EDR(3Mbps)	12.39	0.01734



Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	4.10	12.96	21.00
2440MHz	Pass	4.10	13.23	21.00
2480MHz	Pass	4.10	12.67	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	4.10	12.20	21.00
2440MHz	Pass	4.10	12.13	21.00
2480MHz	Pass	4.10	11.07	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	4.10	12.39	21.00
2440MHz	Pass	4.10	12.39	21.00
2480MHz	Pass	4.10	11.37	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)	13.03	0.02009
BT-EDR(2Mbps)	10.07	0.01016
BT-EDR(3Mbps)	10.00	0.01000

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	4.10	12.79	21.00
2440MHz	Pass	4.10	13.03	21.00
2480MHz	Pass	4.10	12.45	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	4.10	10.07	21.00
2440MHz	Pass	4.10	9.96	21.00
2480MHz	Pass	4.10	8.79	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	4.10	10.00	21.00
2440MHz	Pass	4.10	9.90	21.00
2480MHz	Pass	4.10	8.75	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



Hopping Channel and Bandedge-FHSS _Flex (FPC) PCB Antenna

Appendix D.1

Result

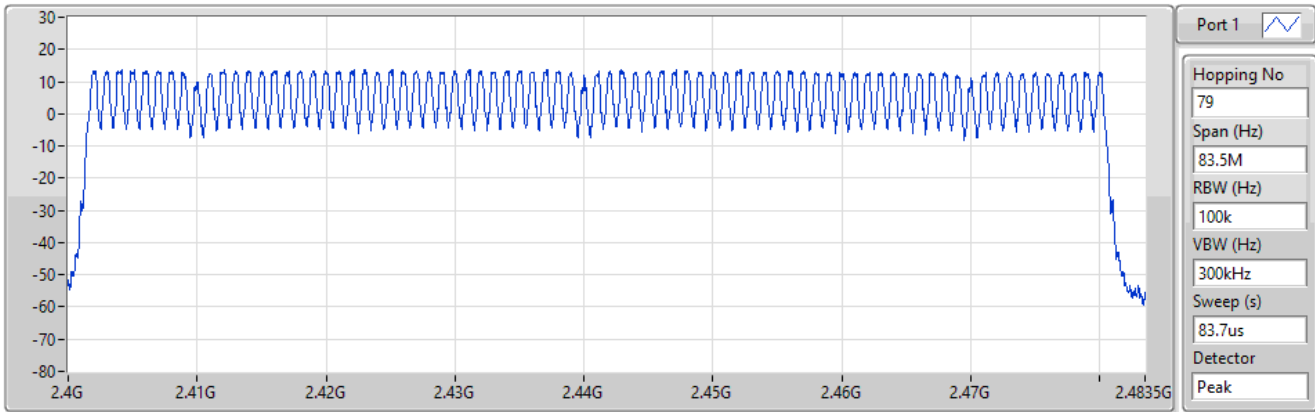
Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2440MHz	Pass	79	15

2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

2440MHz

17/04/2026

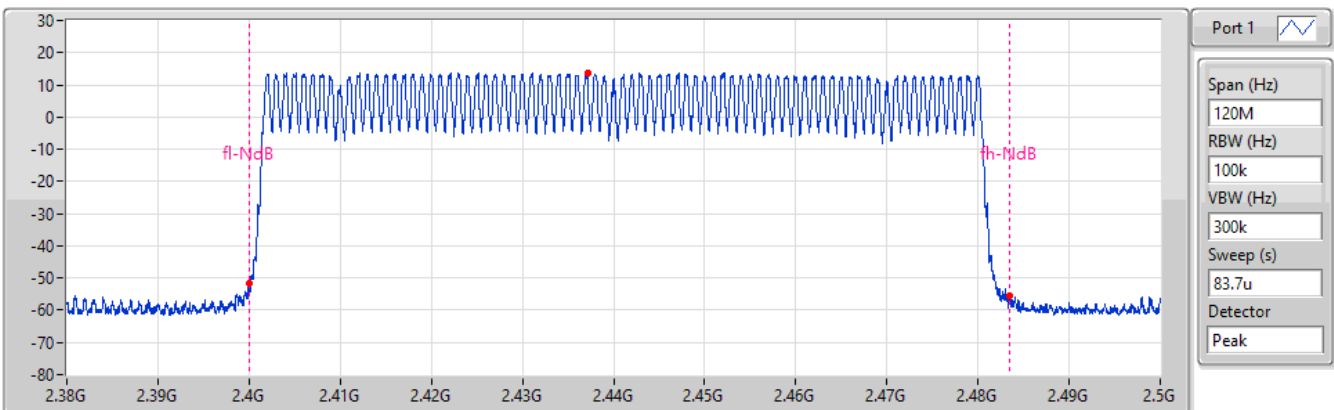


2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

17/04/2026



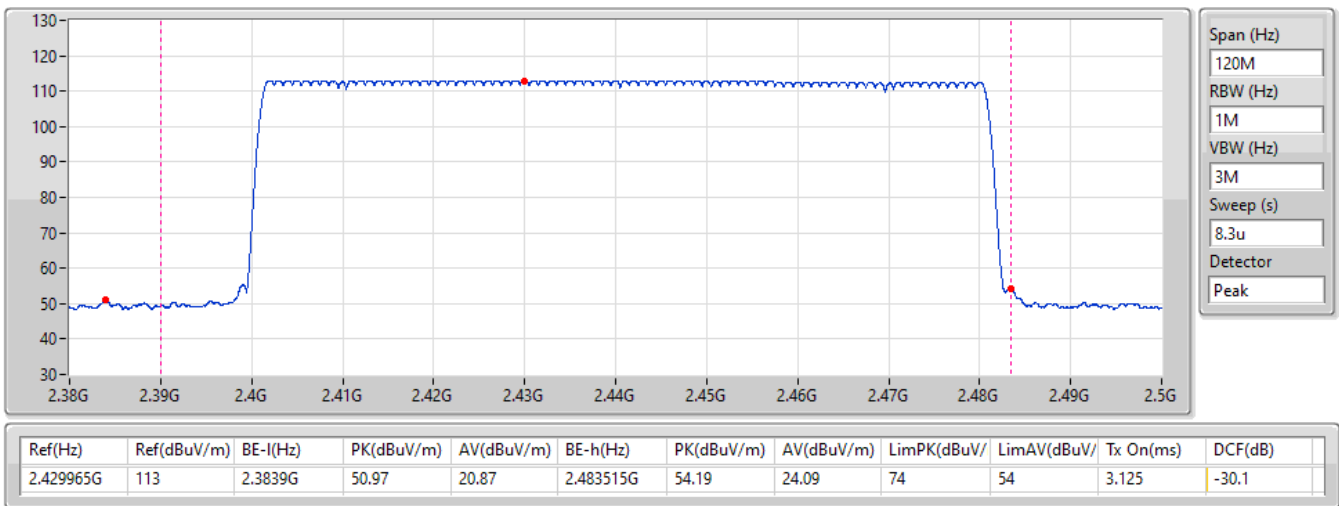
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-6.41	2.43715G	13.59	2.39998G	-51.79	2.483515G	-55.63

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

17/04/2026

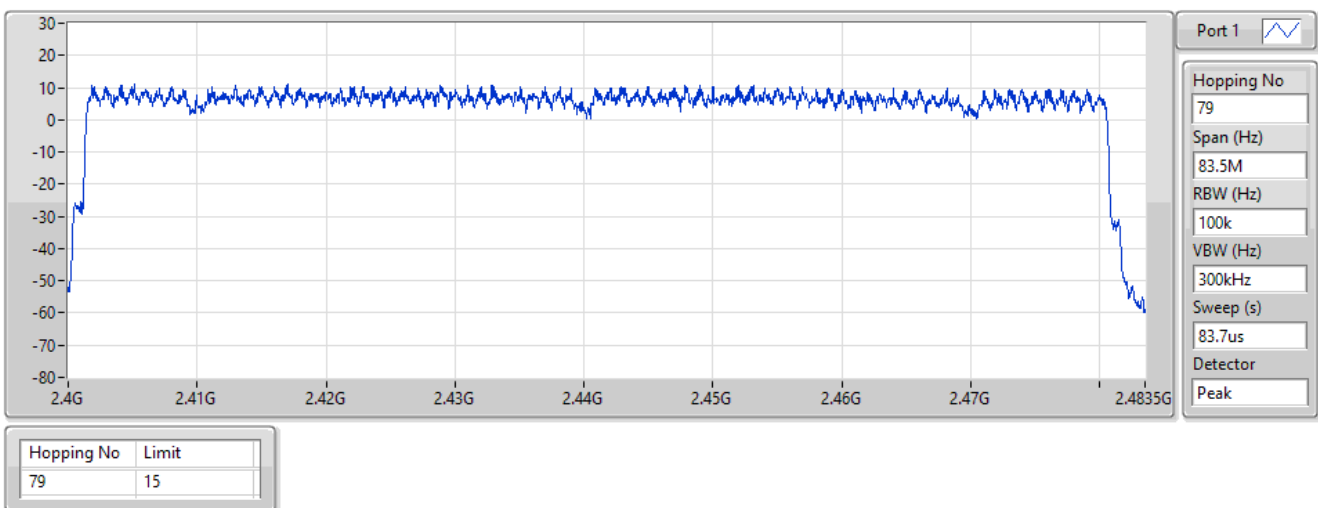


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping-FS

17/04/2026

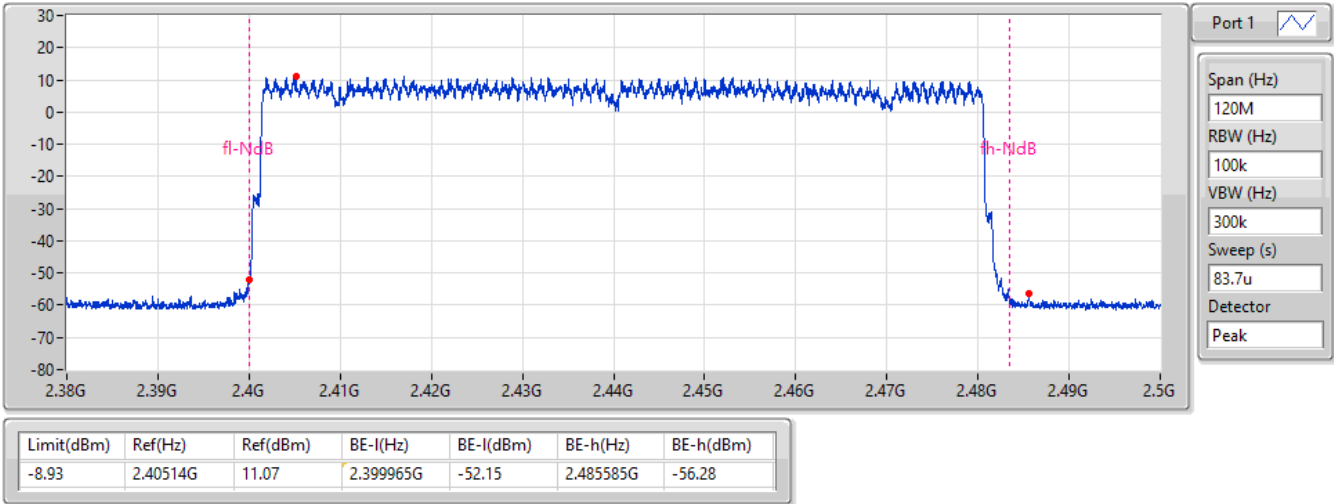


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

17/04/2026

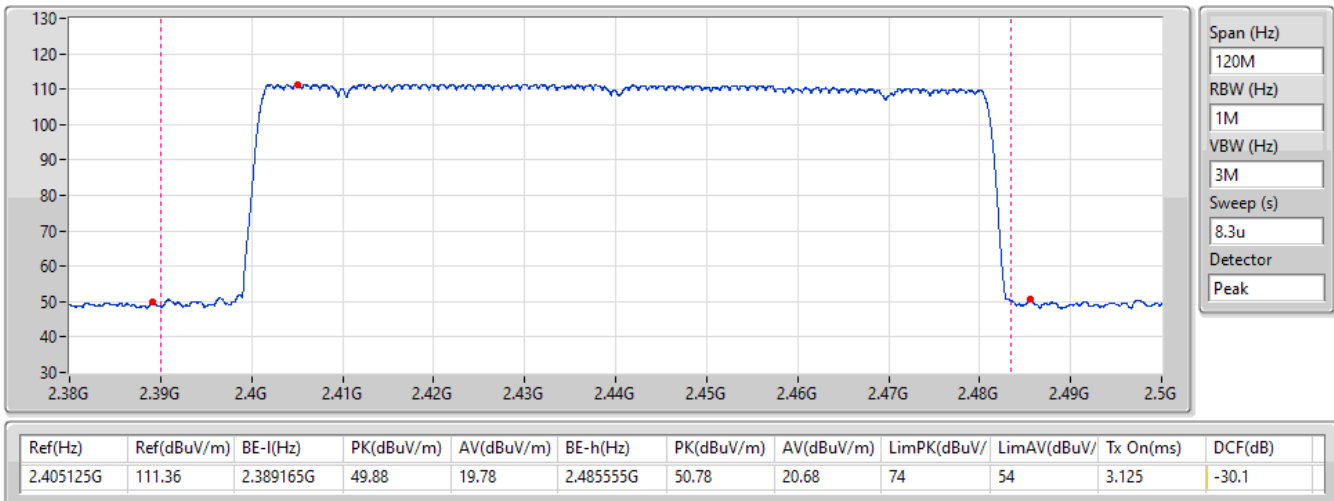


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

17/04/2026

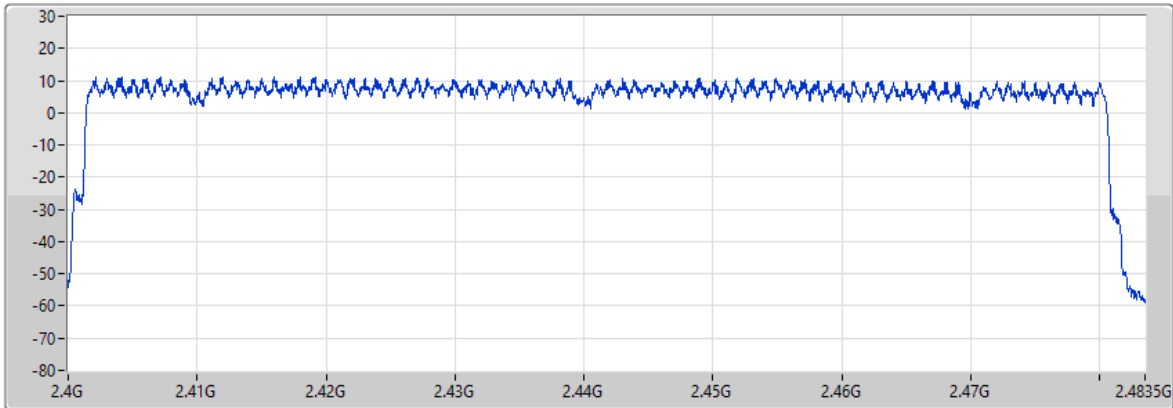


2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

2440MHz

17/04/2026



Port 1 

Hopping No
79

Span (Hz)
83.5M

RBW (Hz)
100k

VBW (Hz)
300kHz

Sweep (s)
83.7us

Detector
Peak

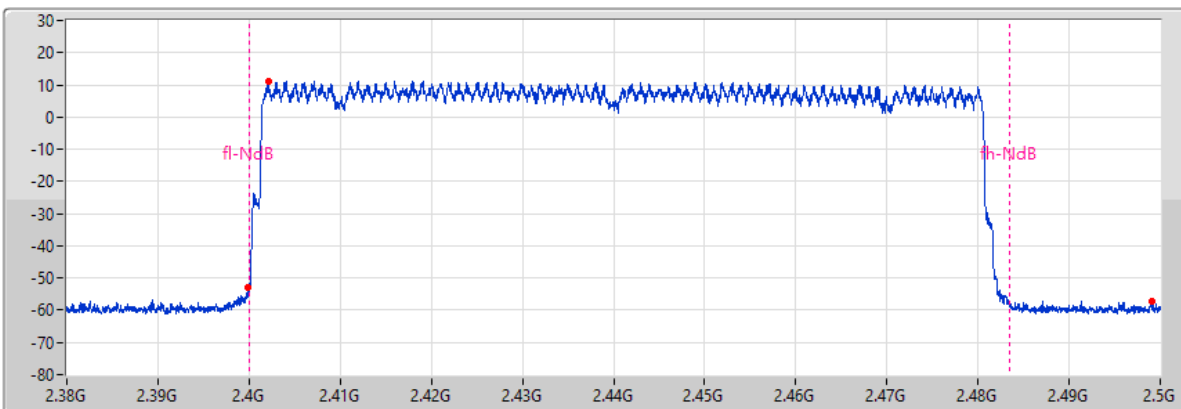
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

17/04/2026



Port 1 

Span (Hz)
120M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep (s)
83.7u

Detector
Peak

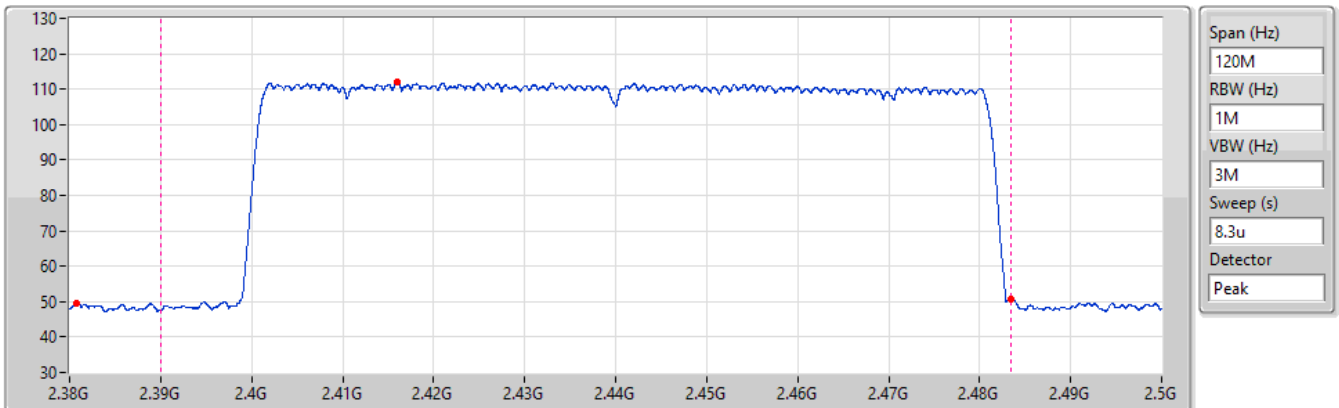
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-9	2.40214G	11	2.39992G	-53.11	2.499145G	-57.27

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

17/04/2026



Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep (s)
8.3u
Detector
Peak

Ref(Hz)	Ref(dBuV/m)	BE-l(Hz)	PK(dBuV/m)	AV(dBuV/m)	BE-h(Hz)	PK(dBuV/m)	AV(dBuV/m)	LimPK(dBuV/	LimAV(dBuV/	Tx On(ms)	DCF(dB)
2.41597G	111.86	2.380765G	49.37	19.27	2.483515G	50.71	20.61	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

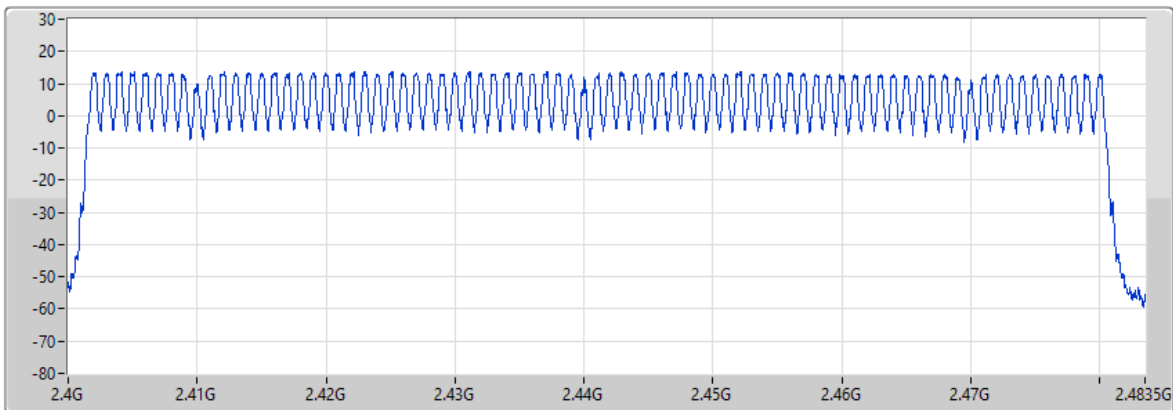
Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2440MHz	Pass	79	15

2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

2440MHz

17/04/2026



Port 1 

Hopping No
79

Span (Hz)
83.5M

RBW (Hz)
100k

VBW (Hz)
300kHz

Sweep (s)
83.7us

Detector
Peak

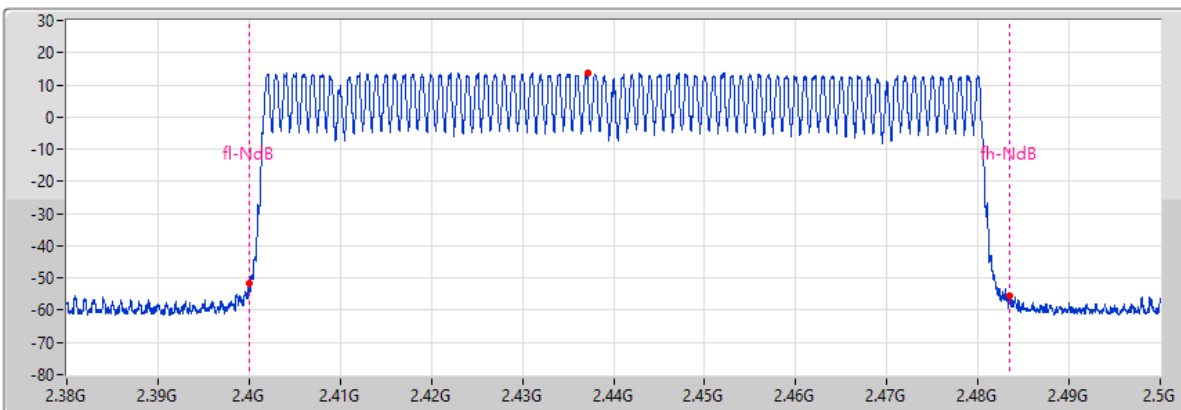
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

17/04/2026



Port 1 

Span (Hz)
120M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep (s)
83.7u

Detector
Peak

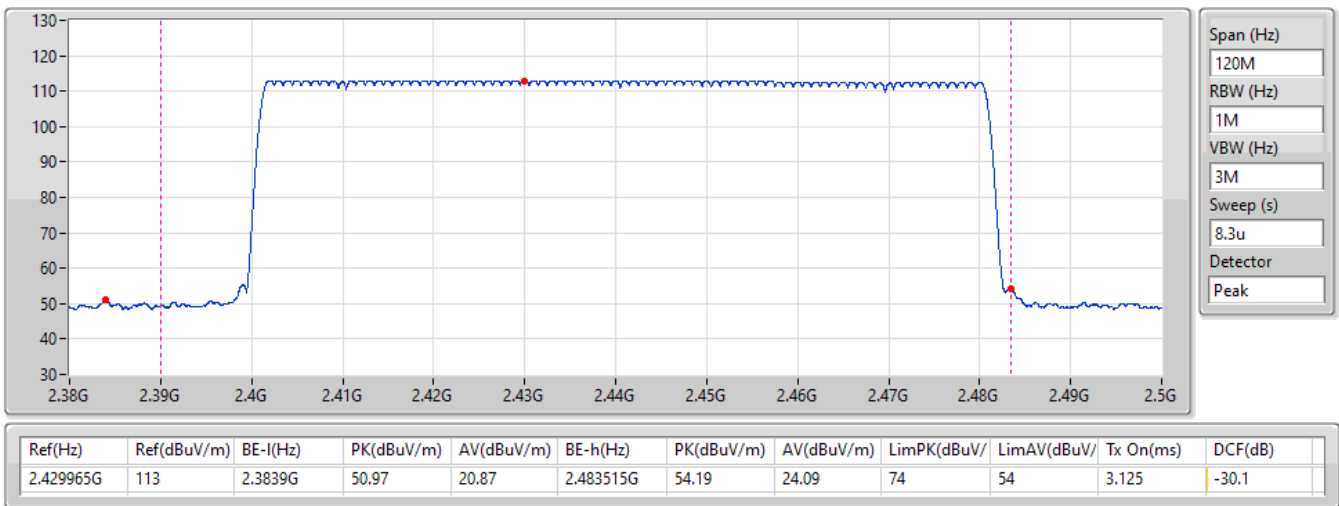
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-6.41	2.43715G	13.59	2.39998G	-51.79	2.483515G	-55.63

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

17/04/2026

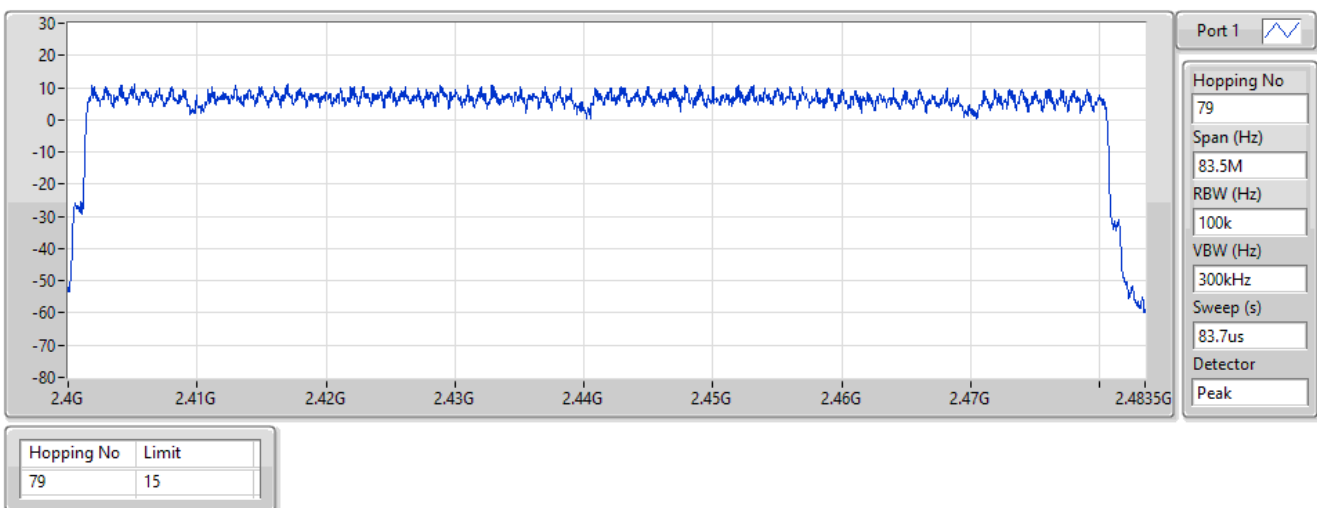


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping-FS

17/04/2026

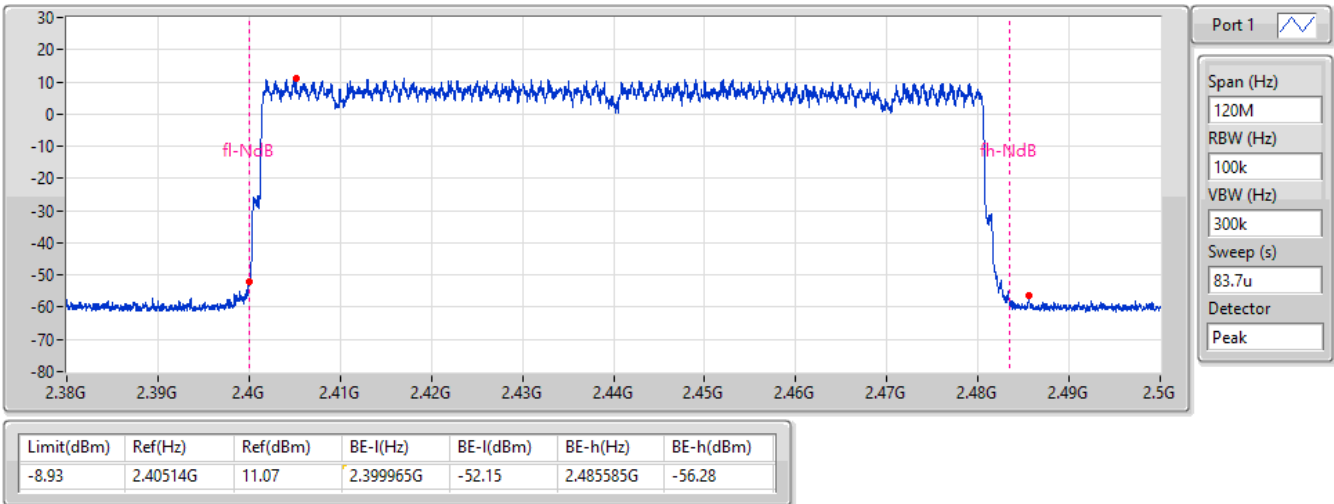


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

17/04/2026

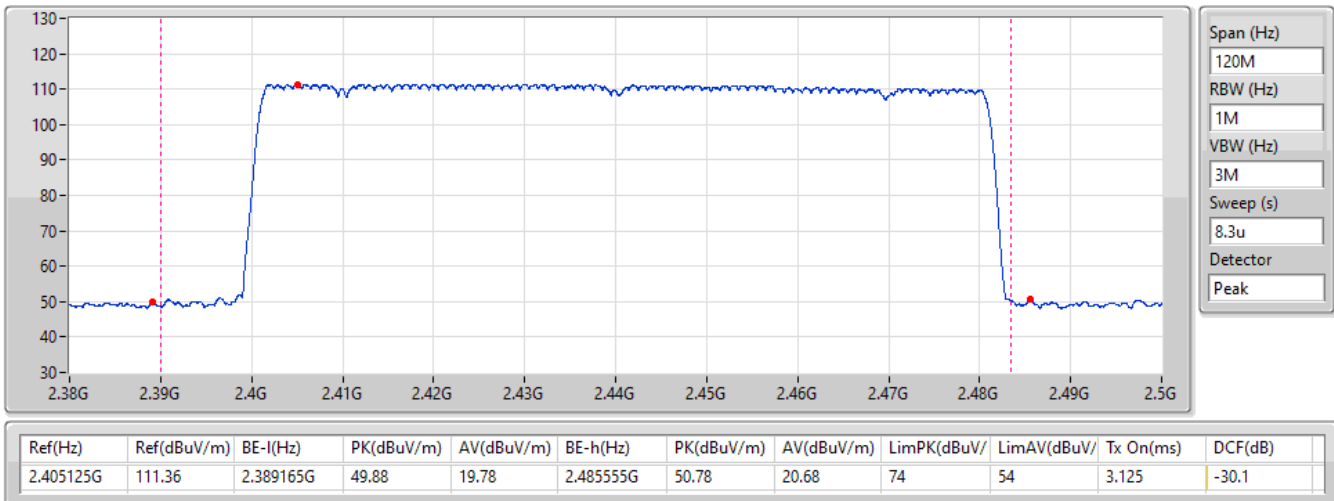


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

17/04/2026

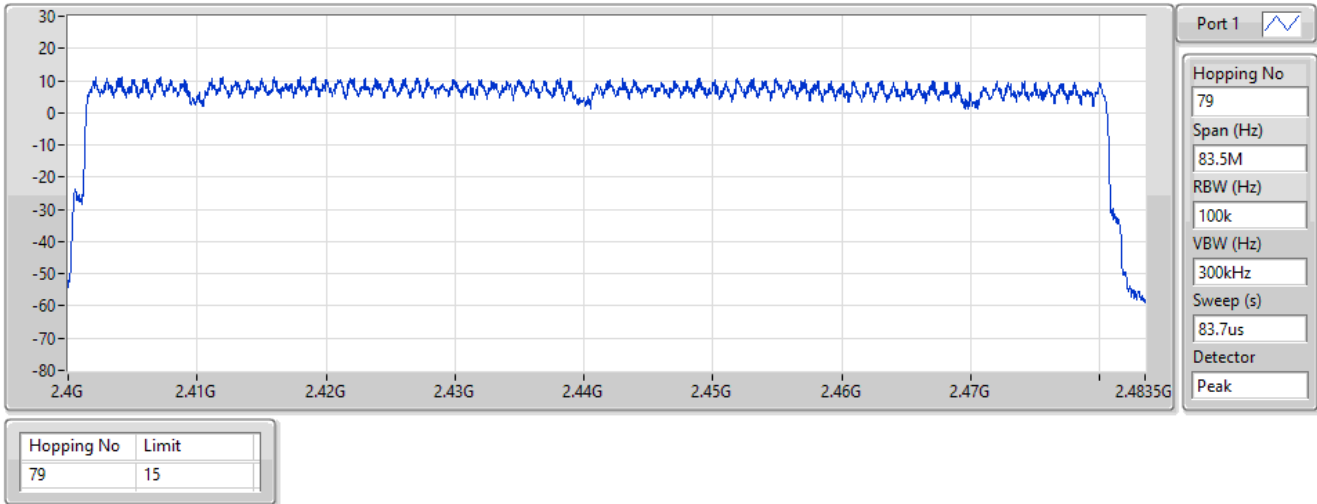


2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

2440MHz

17/04/2026

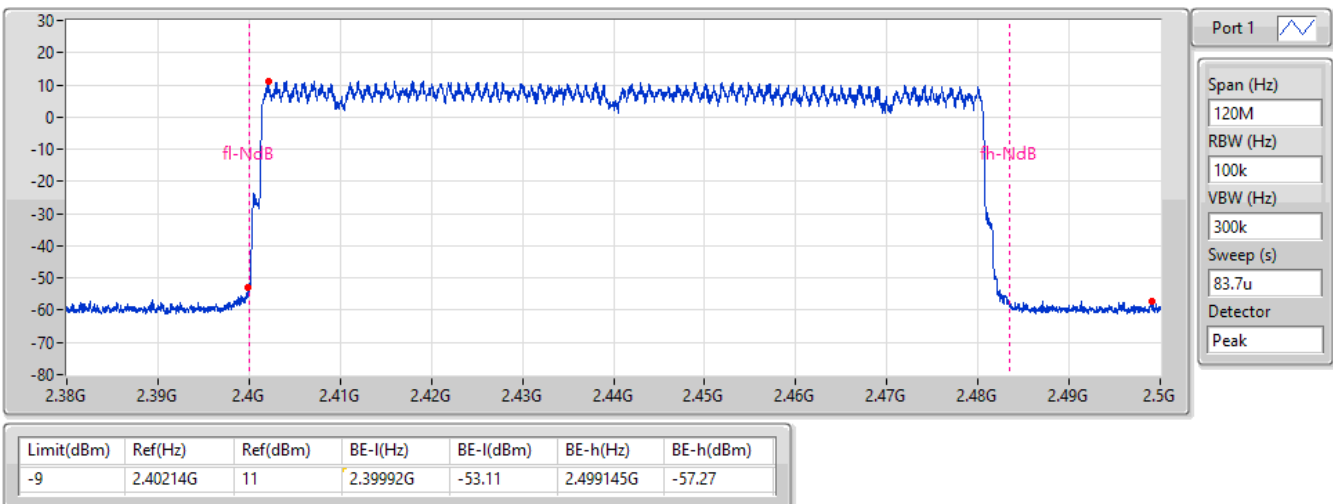


2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

17/04/2026

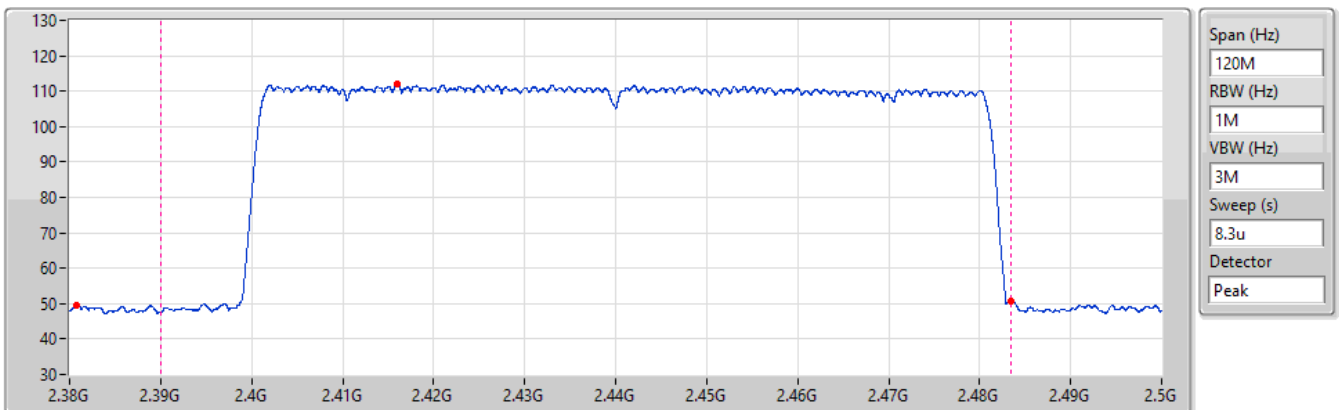


2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

17/04/2026



Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep (s)
8.3u
Detector
Peak

Ref(Hz)	Ref(dBuV/m)	BE-l(Hz)	PK(dBuV/m)	AV(dBuV/m)	BE-h(Hz)	PK(dBuV/m)	AV(dBuV/m)	LimPK(dBuV/	LimAV(dBuV/	Tx On(ms)	DCF(dB)
2.41597G	111.86	2.380765G	49.37	19.27	2.483515G	50.71	20.61	74	54	3.125	-30.1



Summary

2.4-2.4835GHz	-
BT-BR(1Mbps)	308.5537m_DH5
BT-EDR(2Mbps)	310.2593m_DH5
BT-EDR(3Mbps)	310.5258m_DH5

Result

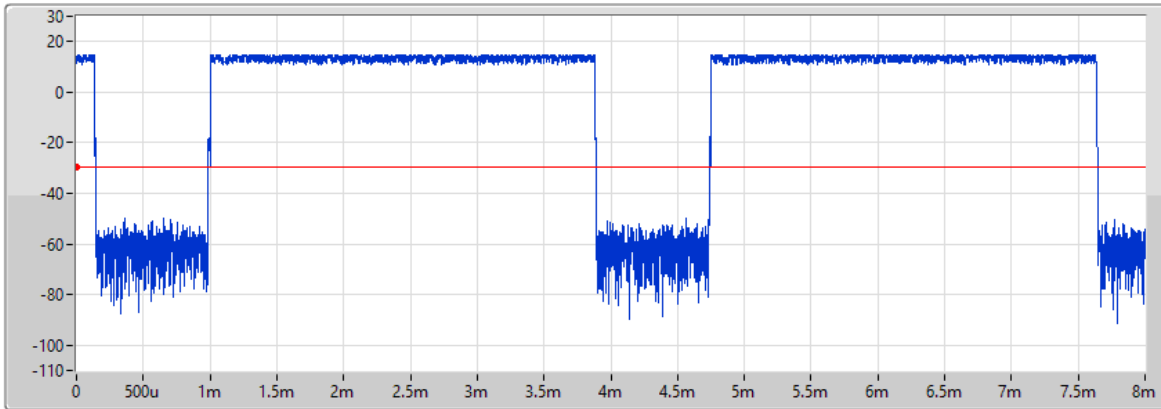
Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.5537m_DH5	400m	2.8945m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	310.2593m_DH5	400m	2.9105m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	310.5258m_DH5	400m	2.913m

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

17/04/2026



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

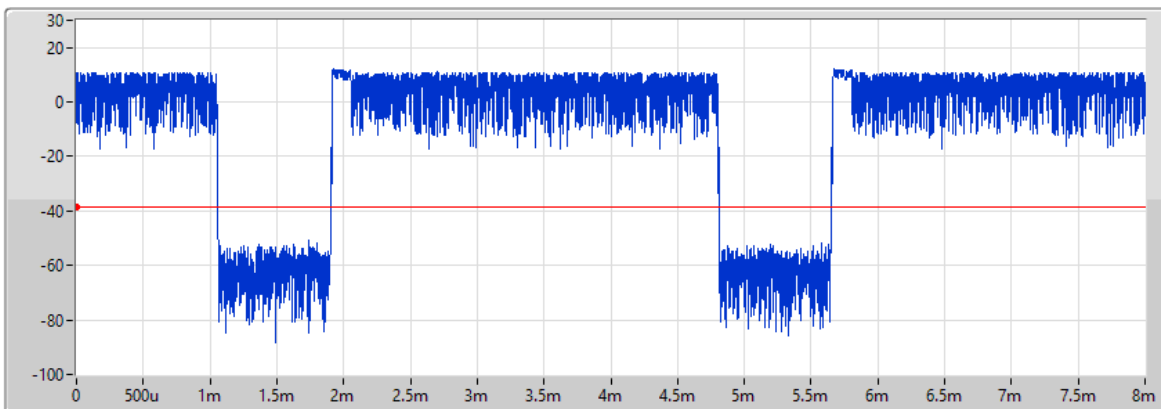
DH5

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

17/04/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.9105m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	310.2593m_DH5	400m	2.9105m

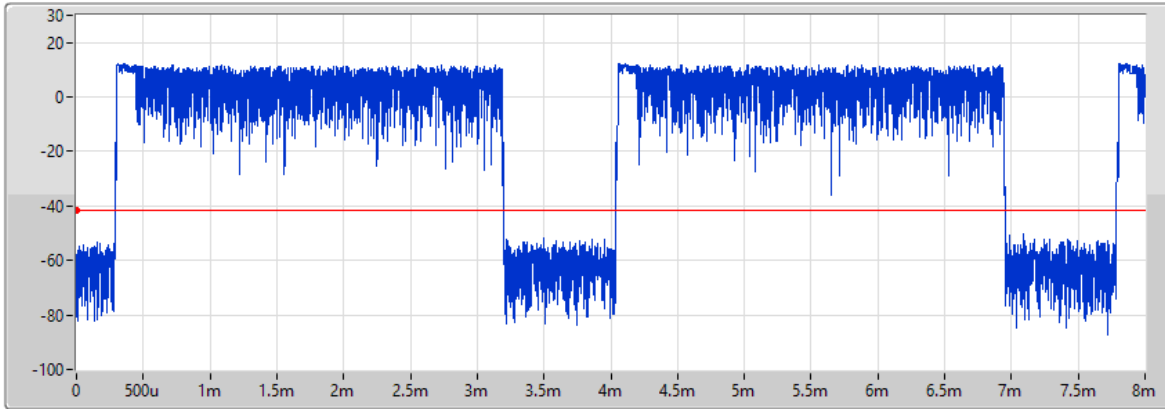
DH5

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

17/04/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.913m

DH5

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	310.5258m_DH5	400m	2.913m



Summary

2.4-2.4835GHz	-
BT-BR(1Mbps)	308.5537m_DH5
BT-EDR(2Mbps)	310.2593m_DH5
BT-EDR(3Mbps)	310.5258m_DH5

Result

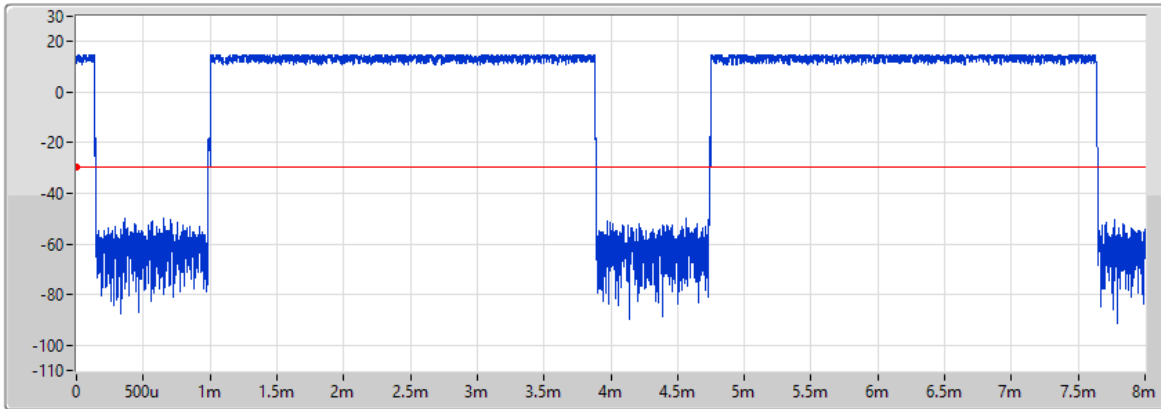
Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.5537m_DH5	400m	2.8945m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	310.2593m_DH5	400m	2.9105m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	310.5258m_DH5	400m	2.913m

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

17/04/2026



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

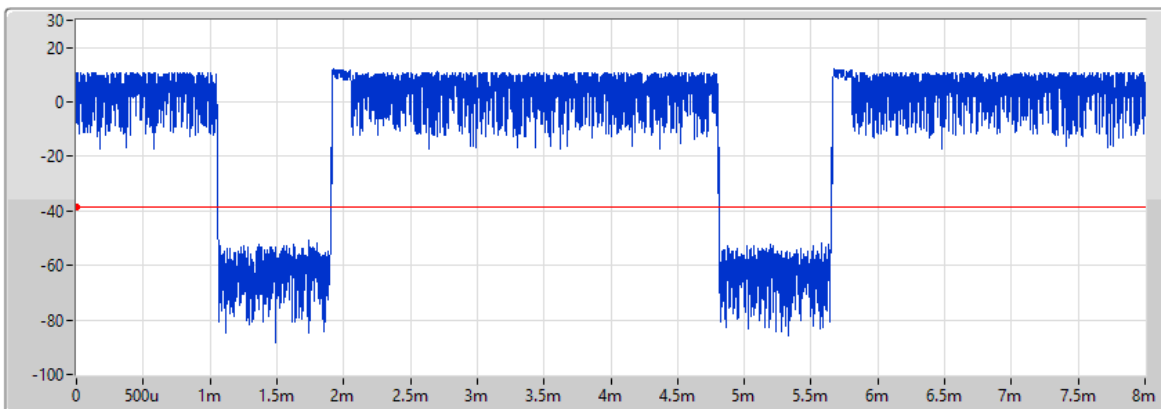
DH5

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

17/04/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.9105m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	310.2593m_DH5	400m	2.9105m

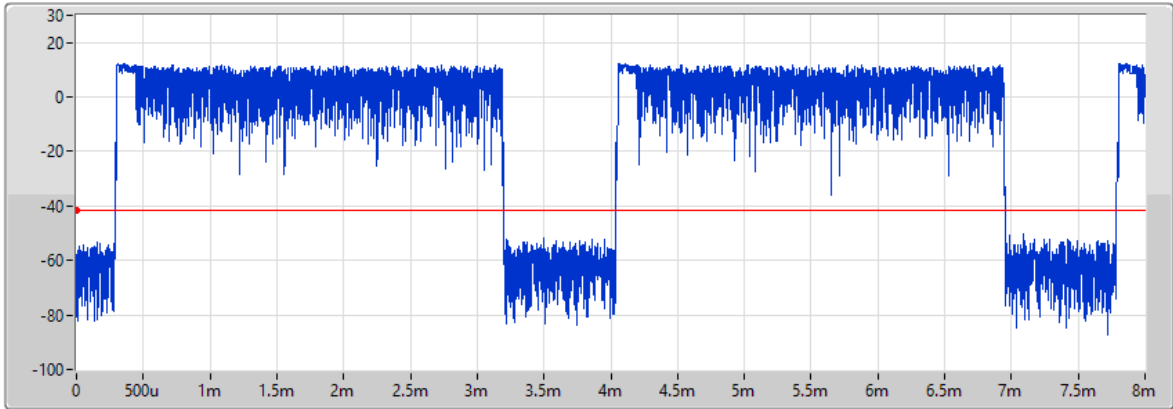
DH5

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

17/04/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.913m

DH5

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	310.5258m_DH5	400m	2.913m

**Summary**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.44008G	13.24	-6.76	2.15793G	-54.54	2.39996G	-47.24	2.4G	-46.38	2.50122G	-54.25	22.00515G	-42.39	1
BT-EDR(2Mbps)	Pass	2.40167G	10.37	-9.63	2.1591G	-53.90	2.39992G	-48.87	2.4G	-46.43	2.50222G	-54.59	22.00797G	-42.22	1
BT-EDR(3Mbps)	Pass	2.402G	9.97	-10.03	1.9241G	-52.75	2.4G	-48.92	2.4G	-47.42	2.50114G	-54.44	21.92923G	-41.10	1

**Result**

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.44008G	13.24	-6.76	2.15793G	-54.54	2.39996G	-47.24	2.4G	-46.38	2.50122G	-54.25	22.00515G	-42.39	1
2440MHz	Pass	2.44008G	13.24	-6.76	2.0839G	-54.19	2.3916G	-53.99	2.4G	-56.61	2.50338G	-53.17	21.83924G	-41.99	1
2480MHz	Pass	2.44008G	13.24	-6.76	2.03808G	-53.63	2.39868G	-54.11	2.4G	-55.47	2.50078G	-54.10	21.90954G	-42.62	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40167G	10.37	-9.63	2.1591G	-53.90	2.39992G	-48.87	2.4G	-46.43	2.50222G	-54.59	22.00797G	-42.22	1
2440MHz	Pass	2.40167G	10.37	-9.63	2.04395G	-53.82	2.39524G	-53.53	2.4G	-54.46	2.5027G	-53.61	21.90954G	-42.88	1
2480MHz	Pass	2.40167G	10.37	-9.63	1.95465G	-53.62	2.3952G	-53.43	2.4G	-56.13	2.50078G	-53.93	21.9236G	-42.36	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	9.97	-10.03	1.9241G	-52.75	2.4G	-48.92	2.4G	-47.42	2.50114G	-54.44	21.92923G	-41.10	1
2440MHz	Pass	2.402G	9.97	-10.03	2.17908G	-53.47	2.398G	-53.75	2.4G	-55.27	2.50066G	-53.85	21.93204G	-42.61	1
2480MHz	Pass	2.402G	9.97	-10.03	2.03455G	-53.82	2.3902G	-53.68	2.4G	-55.94	2.5009G	-54.02	21.90673G	-42.62	1

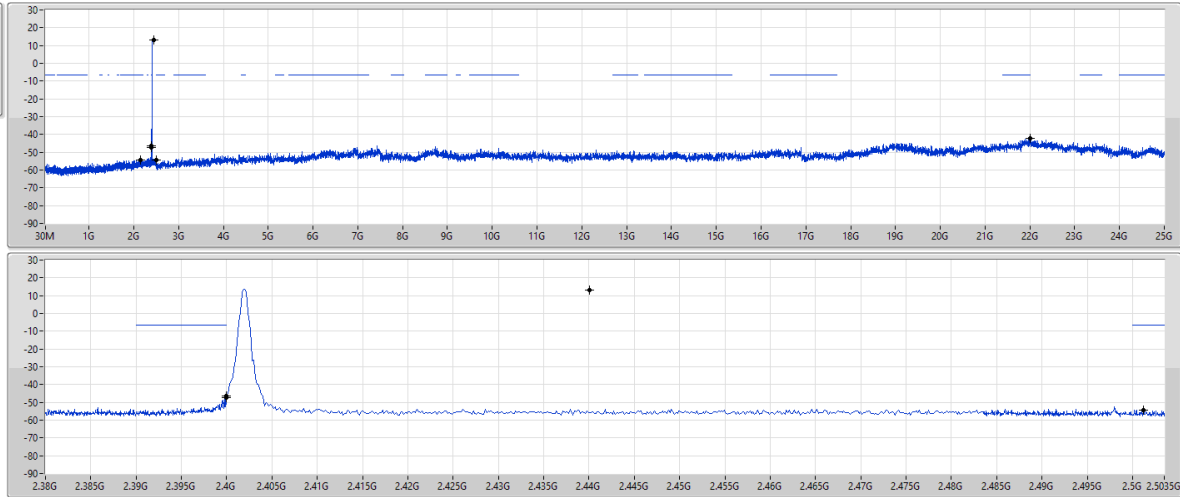
2.4-2.4835GHz_BT-BR(1Mbps)

CSENdb-FS

2402MHz

17/04/2026

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



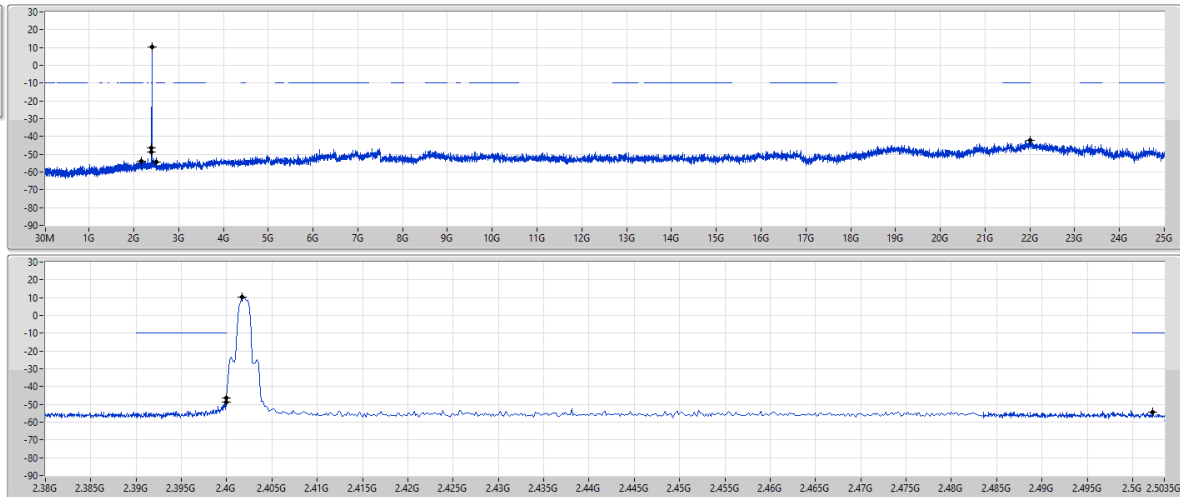
2.4-2.4835GHz_BT-EDR(2Mbps)

CSENdb-FS

2402MHz

17/04/2026

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



2.4-2.4835GHz_BT-EDR(3Mbps)

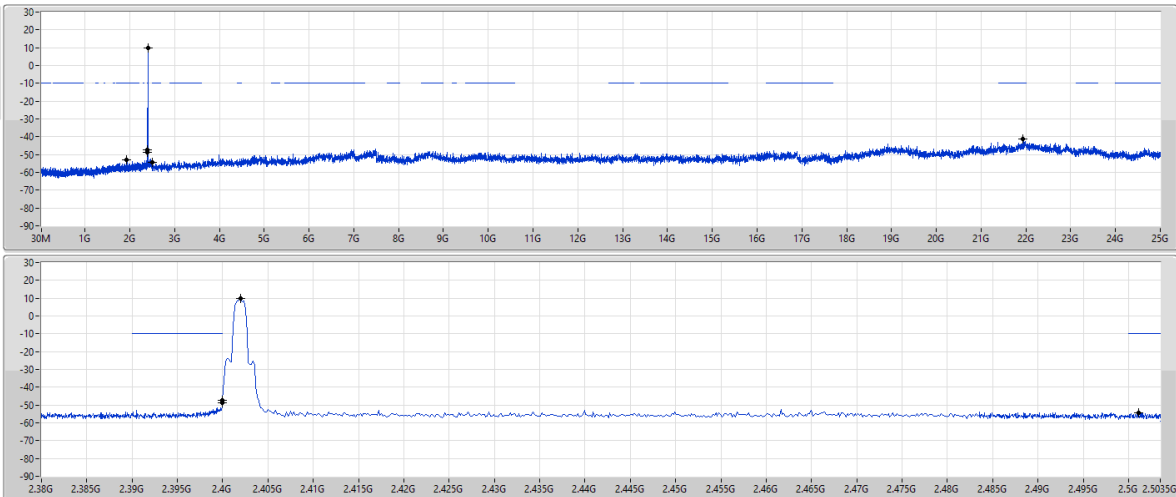
CSEndB-FS

2402MHz

17/04/2026

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.402G	9.97	-10.03	1.9241G	-52.75	2.4G	-48.92	2.4G	-47.42	2.50114G	-54.44	21.92923G	-41.10	1



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.44008G	13.24	-6.76	2.15793G	-54.54	2.39996G	-47.24	2.4G	-46.38	2.50122G	-54.25	22.00515G	-42.39	1
BT-EDR(2Mbps)	Pass	2.40167G	10.37	-9.63	2.1591G	-53.90	2.39992G	-48.87	2.4G	-46.43	2.50222G	-54.59	22.00797G	-42.22	1
BT-EDR(3Mbps)	Pass	2.402G	9.97	-10.03	1.9241G	-52.75	2.4G	-48.92	2.4G	-47.42	2.50114G	-54.44	21.92923G	-41.10	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.44008G	13.24	-6.76	2.15793G	-54.54	2.39996G	-47.24	2.4G	-46.38	2.50122G	-54.25	22.00515G	-42.39	1
2440MHz	Pass	2.44008G	13.24	-6.76	2.0839G	-54.19	2.3916G	-53.99	2.4G	-56.61	2.50338G	-53.17	21.83924G	-41.99	1
2480MHz	Pass	2.44008G	13.24	-6.76	2.03808G	-53.63	2.39868G	-54.11	2.4G	-55.47	2.50078G	-54.10	21.90954G	-42.62	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40167G	10.37	-9.63	2.1591G	-53.90	2.39992G	-48.87	2.4G	-46.43	2.50222G	-54.59	22.00797G	-42.22	1
2440MHz	Pass	2.40167G	10.37	-9.63	2.04395G	-53.82	2.39524G	-53.53	2.4G	-54.46	2.5027G	-53.61	21.90954G	-42.88	1
2480MHz	Pass	2.40167G	10.37	-9.63	1.95465G	-53.62	2.3952G	-53.43	2.4G	-56.13	2.50078G	-53.93	21.9236G	-42.36	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	9.97	-10.03	1.9241G	-52.75	2.4G	-48.92	2.4G	-47.42	2.50114G	-54.44	21.92923G	-41.10	1
2440MHz	Pass	2.402G	9.97	-10.03	2.17908G	-53.47	2.398G	-53.75	2.4G	-55.27	2.50066G	-53.85	21.93204G	-42.61	1
2480MHz	Pass	2.402G	9.97	-10.03	2.03455G	-53.82	2.3902G	-53.68	2.4G	-55.94	2.5009G	-54.02	21.90673G	-42.62	1

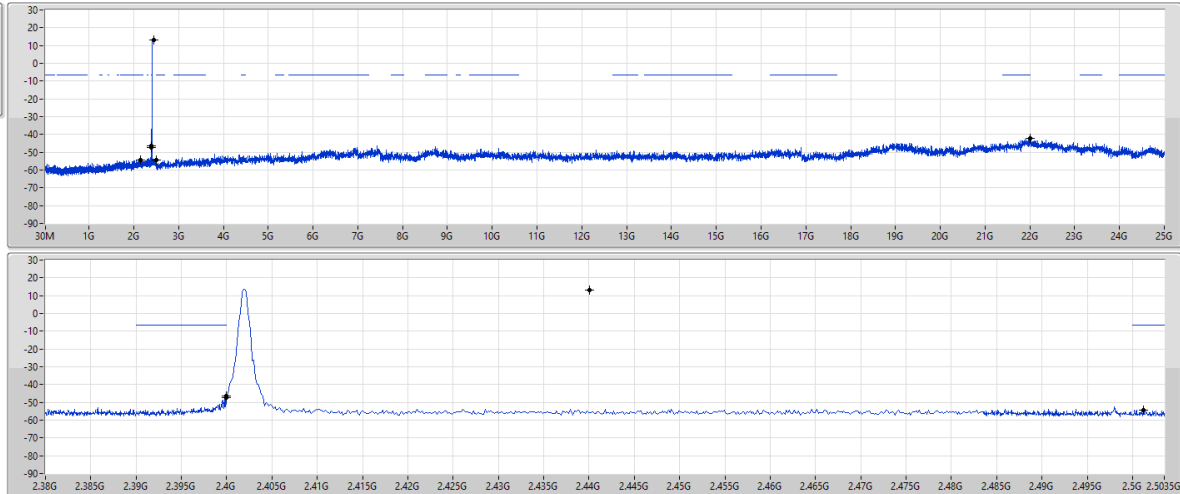
2.4-2.4835GHz_BT-BR(1Mbps)

CSEndB-FS

2402MHz

17/04/2026

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



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	13.24	-6.76	2.15793G	-54.54	2.39996G	-47.24	2.4G	-46.38	2.50122G	-54.25	22.00515G	-42.39	1

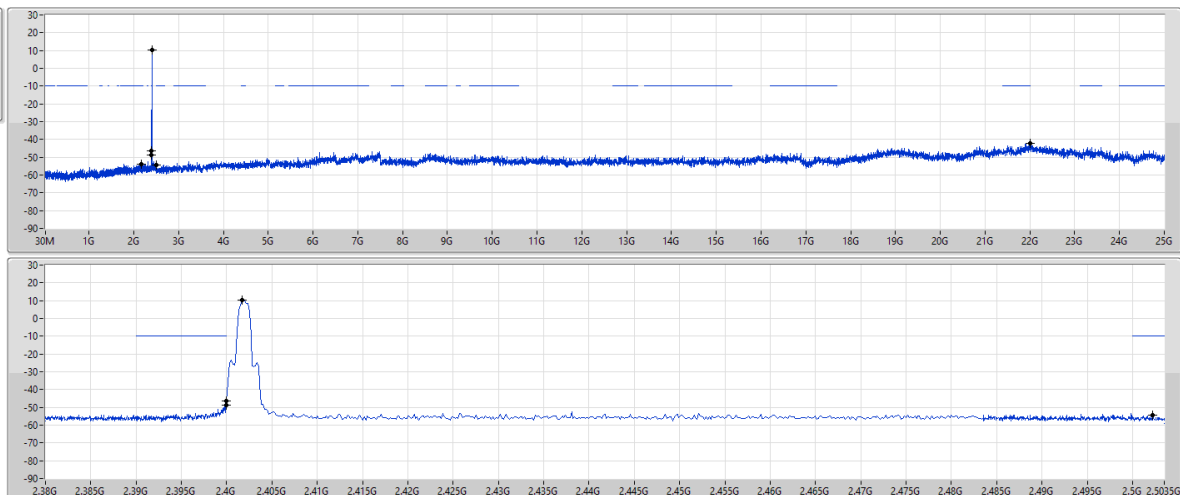
2.4-2.4835GHz_BT-EDR(2Mbps)

CSEndB-FS

2402MHz

17/04/2026

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



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
2.40167G	10.37	-9.63	2.1591G	-53.90	2.39992G	-48.87	2.4G	-46.43	2.50222G	-54.59	22.00797G	-42.22	1

2.4-2.4835GHz_BT-EDR(3Mbps)

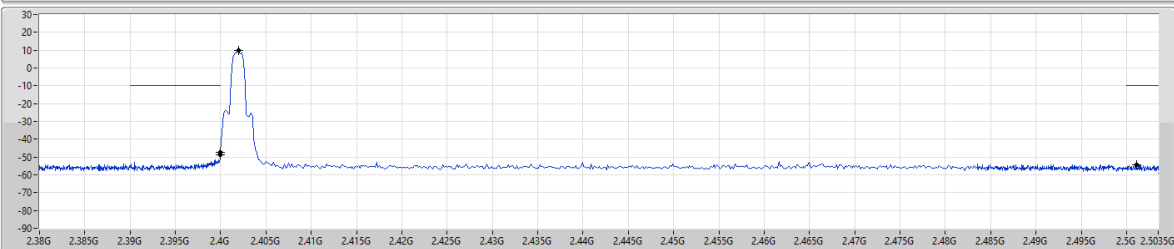
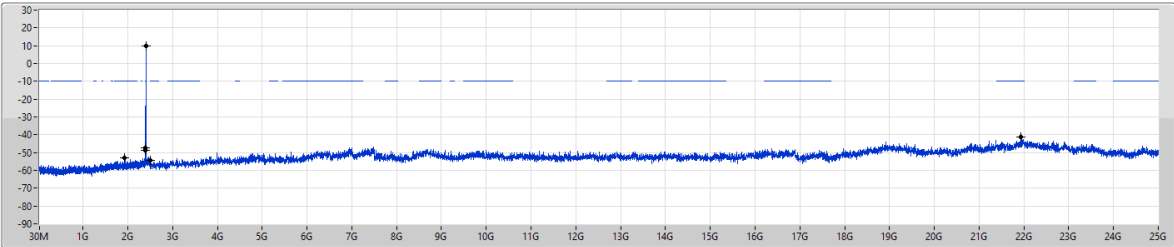
CSEndB-FS

2402MHz

17/04/2026

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.402G	9.97	-10.03	1.9241G	-52.75	2.4G	-48.92	2.4G	-47.42	2.50114G	-54.44	21.92923G	-41.10	1



Summary

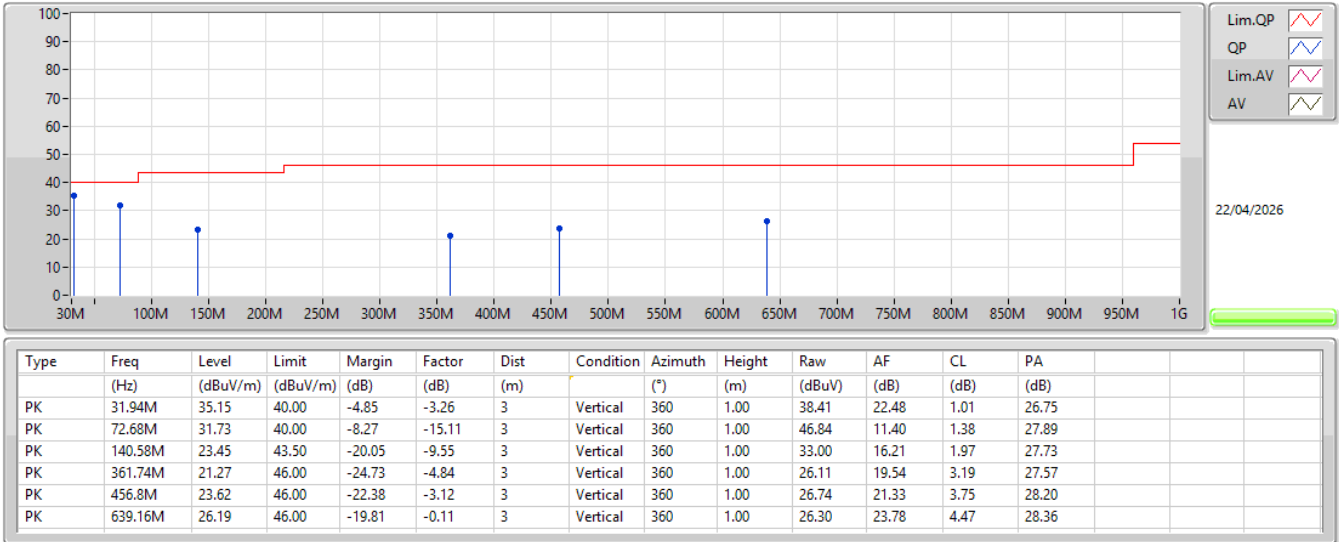
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-EDR(3Mbps)	Pass	PK	31.94M	35.15	40.00	-4.85	3	Vertical	360	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2440MHz_fixture	Pass	PK	31.94M	35.15	40.00	-4.85	3	Vertical	360	1.00
2440MHz_fixture	Pass	PK	72.68M	31.73	40.00	-8.27	3	Vertical	360	1.00
2440MHz_fixture	Pass	PK	140.58M	23.45	43.50	-20.05	3	Vertical	360	1.00
2440MHz_fixture	Pass	PK	361.74M	21.27	46.00	-24.73	3	Vertical	360	1.00
2440MHz_fixture	Pass	PK	456.8M	23.62	46.00	-22.38	3	Vertical	360	1.00
2440MHz_fixture	Pass	PK	639.16M	26.19	46.00	-19.81	3	Vertical	360	1.00
2440MHz_fixture	Pass	PK	31.94M	31.26	40.00	-8.74	3	Horizontal	0	1.00
2440MHz_fixture	Pass	PK	72.68M	32.23	40.00	-7.77	3	Horizontal	0	1.00
2440MHz_fixture	Pass	PK	256.98M	23.64	46.00	-22.36	3	Horizontal	0	1.00
2440MHz_fixture	Pass	PK	410.24M	22.38	46.00	-23.62	3	Horizontal	0	1.00
2440MHz_fixture	Pass	PK	555.74M	25.19	46.00	-20.81	3	Horizontal	0	1.00
2440MHz_fixture	Pass	PK	767.2M	26.58	46.00	-19.42	3	Horizontal	0	1.00

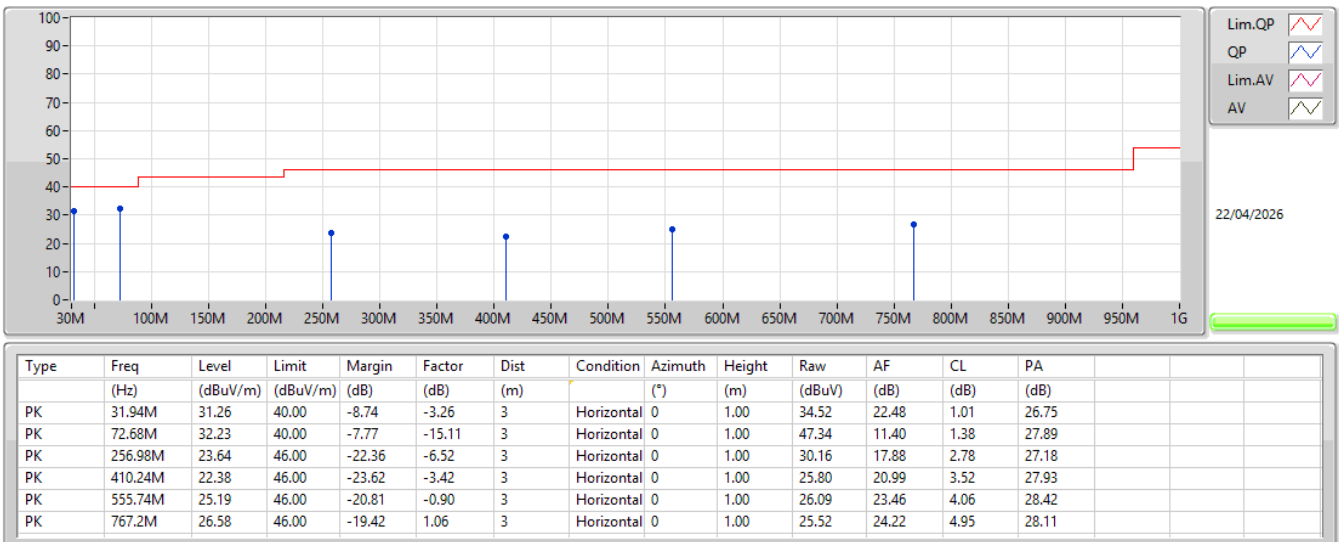
2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_fixture



2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_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	2.4986G	58.58	74.00	-15.42	3	Vertical	70	2.51
BT-EDR(3Mbps)	Pass	PK	2.484G	58.58	74.00	-15.42	3	Horizontal	0	1.48

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	2.3684G	35.08	54.00	-18.92	3	Vertical	62	3.00
2402MHz_TX	Pass	AV	2.4018G	82.32	Inf	-Inf	3	Vertical	62	3.00
2402MHz_TX	Pass	PK	2.3684G	57.58	74.00	-16.42	3	Vertical	62	3.00
2402MHz_TX	Pass	PK	2.4018G	104.82	Inf	-Inf	3	Vertical	62	3.00
2402MHz_TX	Pass	AV	2.3614G	35.31	54.00	-18.69	3	Horizontal	348	1.17
2402MHz_TX	Pass	AV	2.4018G	86.21	Inf	-Inf	3	Horizontal	348	1.17
2402MHz_TX	Pass	PK	2.3614G	57.81	74.00	-16.19	3	Horizontal	348	1.17
2402MHz_TX	Pass	PK	2.4018G	108.71	Inf	-Inf	3	Horizontal	348	1.17
2402MHz_TX	Pass	AV	4.8035G	20.95	54.00	-33.05	3	Vertical	329	1.00
2402MHz_TX	Pass	PK	4.8035G	43.45	74.00	-30.55	3	Vertical	329	1.00
2402MHz_TX	Pass	AV	4.80399G	21.76	54.00	-32.24	3	Horizontal	323	2.93
2402MHz_TX	Pass	PK	4.80399G	44.26	74.00	-29.74	3	Horizontal	323	2.93
2440MHz_TX	Pass	AV	2.344G	34.62	54.00	-19.38	3	Vertical	64	2.88
2440MHz_TX	Pass	AV	2.44G	79.41	Inf	-Inf	3	Vertical	64	2.88
2440MHz_TX	Pass	AV	2.4835G	34.93	54.00	-19.07	3	Vertical	64	2.88
2440MHz_TX	Pass	PK	2.344G	57.12	74.00	-16.88	3	Vertical	64	2.88
2440MHz_TX	Pass	PK	2.44G	101.91	Inf	-Inf	3	Vertical	64	2.88
2440MHz_TX	Pass	PK	2.4835G	57.43	74.00	-16.57	3	Vertical	64	2.88
2440MHz_TX	Pass	AV	2.3432G	34.62	54.00	-19.38	3	Horizontal	1	1.23
2440MHz_TX	Pass	AV	2.44G	84.65	Inf	-Inf	3	Horizontal	1	1.23
2440MHz_TX	Pass	AV	2.4896G	35.46	54.00	-18.54	3	Horizontal	1	1.23
2440MHz_TX	Pass	PK	2.3432G	57.12	74.00	-16.88	3	Horizontal	1	1.23
2440MHz_TX	Pass	PK	2.44G	107.15	Inf	-Inf	3	Horizontal	1	1.23
2440MHz_TX	Pass	PK	2.4896G	57.96	74.00	-16.04	3	Horizontal	1	1.23
2440MHz_TX	Pass	AV	4.8802G	19.84	54.00	-34.16	3	Vertical	275	1.02
2440MHz_TX	Pass	PK	4.8802G	42.34	74.00	-31.66	3	Vertical	275	1.02
2440MHz_TX	Pass	AV	4.8799G	20.65	54.00	-33.35	3	Horizontal	328	2.47
2440MHz_TX	Pass	PK	4.8799G	43.15	74.00	-30.85	3	Horizontal	328	2.47
2480MHz_TX	Pass	AV	2.4802G	79.80	Inf	-Inf	3	Vertical	70	2.51
2480MHz_TX	Pass	AV	2.4986G	36.08	54.00	-17.92	3	Vertical	70	2.51
2480MHz_TX	Pass	PK	2.4802G	102.30	Inf	-Inf	3	Vertical	70	2.51
2480MHz_TX	Pass	PK	2.4986G	58.58	74.00	-15.42	3	Vertical	70	2.51
2480MHz_TX	Pass	AV	2.4798G	86.49	Inf	-Inf	3	Horizontal	0	1.48
2480MHz_TX	Pass	AV	2.4864G	35.47	54.00	-18.53	3	Horizontal	0	1.48
2480MHz_TX	Pass	PK	2.4798G	108.99	Inf	-Inf	3	Horizontal	0	1.48
2480MHz_TX	Pass	PK	2.4864G	57.97	74.00	-16.03	3	Horizontal	0	1.48
2480MHz_TX	Pass	AV	4.95978G	21.26	54.00	-32.74	3	Vertical	203	2.70
2480MHz_TX	Pass	PK	4.95978G	43.76	74.00	-30.24	3	Vertical	203	2.70
2480MHz_TX	Pass	AV	4.96028G	21.99	54.00	-32.01	3	Horizontal	41	1.19
2480MHz_TX	Pass	PK	4.96028G	44.49	74.00	-29.51	3	Horizontal	41	1.19
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz_TX	Pass	AV	2.376G	34.43	54.00	-19.57	3	Vertical	63	3.00
2402MHz_TX	Pass	AV	2.4018G	80.69	Inf	-Inf	3	Vertical	63	3.00
2402MHz_TX	Pass	PK	2.376G	56.93	74.00	-17.07	3	Vertical	63	3.00
2402MHz_TX	Pass	PK	2.4018G	103.19	Inf	-Inf	3	Vertical	63	3.00
2402MHz_TX	Pass	AV	2.3714G	34.48	54.00	-19.52	3	Horizontal	0	1.17
2402MHz_TX	Pass	AV	2.4018G	84.27	Inf	-Inf	3	Horizontal	0	1.17
2402MHz_TX	Pass	PK	2.3714G	56.98	74.00	-17.02	3	Horizontal	0	1.17
2402MHz_TX	Pass	PK	2.4018G	106.77	Inf	-Inf	3	Horizontal	0	1.17
2402MHz_TX	Pass	AV	4.8042G	19.50	54.00	-34.50	3	Vertical	268	1.00
2402MHz_TX	Pass	PK	4.8042G	42.00	74.00	-32.00	3	Vertical	268	1.00
2402MHz_TX	Pass	AV	4.80404G	20.55	54.00	-33.45	3	Horizontal	165	2.68
2402MHz_TX	Pass	PK	4.80404G	43.05	74.00	-30.95	3	Horizontal	165	2.68
2440MHz_TX	Pass	AV	2.3868G	35.41	54.00	-18.59	3	Vertical	66	2.66
2440MHz_TX	Pass	AV	2.44G	76.97	Inf	-Inf	3	Vertical	66	2.66
2440MHz_TX	Pass	AV	2.484G	35.33	54.00	-18.67	3	Vertical	66	2.66
2440MHz_TX	Pass	PK	2.3868G	57.91	74.00	-16.09	3	Vertical	66	2.66
2440MHz_TX	Pass	PK	2.44G	99.47	Inf	-Inf	3	Vertical	66	2.66
2440MHz_TX	Pass	PK	2.484G	57.83	74.00	-16.17	3	Vertical	66	2.66
2440MHz_TX	Pass	AV	2.3896G	35.39	54.00	-18.61	3	Horizontal	1	1.24



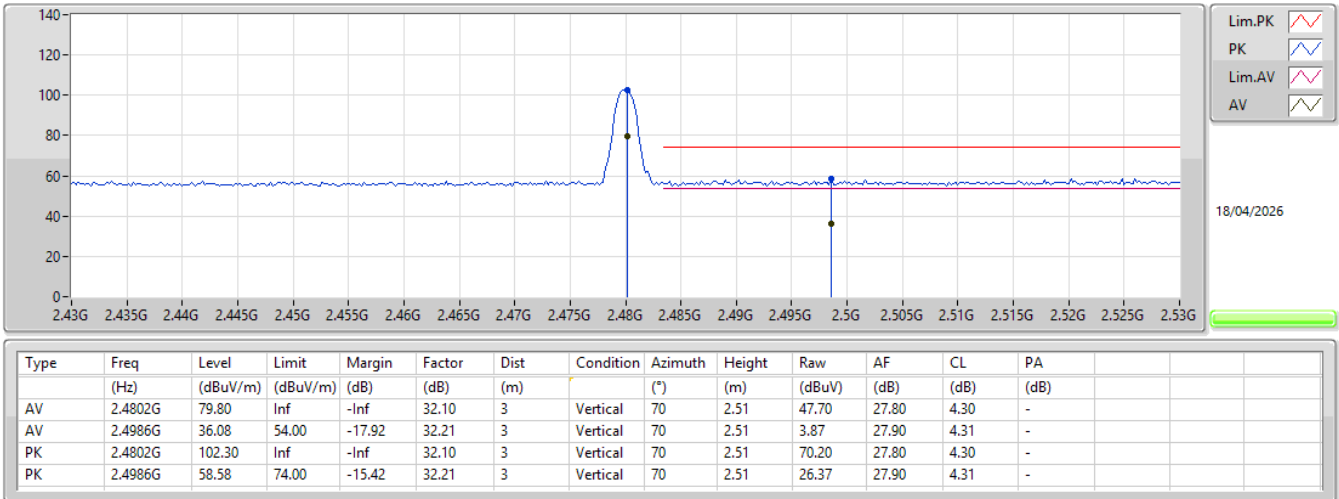
RSE TX above 1GHz _Flex (FPC) PCB Antenna

Appendix G.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2440MHz_TX	Pass	AV	2.44G	82.85	Inf	-Inf	3	Horizontal	1	1.24
2440MHz_TX	Pass	AV	2.4892G	34.71	54.00	-19.29	3	Horizontal	1	1.24
2440MHz_TX	Pass	PK	2.3896G	57.89	74.00	-16.11	3	Horizontal	1	1.24
2440MHz_TX	Pass	PK	2.44G	105.35	Inf	-Inf	3	Horizontal	1	1.24
2440MHz_TX	Pass	PK	2.4892G	57.21	74.00	-16.79	3	Horizontal	1	1.24
2440MHz_TX	Pass	AV	4.87972G	20.00	54.00	-34.00	3	Vertical	259	2.94
2440MHz_TX	Pass	PK	4.87972G	42.50	74.00	-31.50	3	Vertical	259	2.94
2440MHz_TX	Pass	AV	4.8801G	19.69	54.00	-34.31	3	Horizontal	36	2.87
2440MHz_TX	Pass	PK	4.8801G	42.19	74.00	-31.81	3	Horizontal	36	2.87
2480MHz_TX	Pass	AV	2.48G	77.35	Inf	-Inf	3	Vertical	68	2.51
2480MHz_TX	Pass	AV	2.4886G	35.45	54.00	-18.55	3	Vertical	68	2.51
2480MHz_TX	Pass	PK	2.48G	99.85	Inf	-Inf	3	Vertical	68	2.51
2480MHz_TX	Pass	PK	2.4886G	57.95	74.00	-16.05	3	Vertical	68	2.51
2480MHz_TX	Pass	AV	2.48G	83.83	Inf	-Inf	3	Horizontal	0	1.48
2480MHz_TX	Pass	AV	2.484G	36.08	54.00	-17.92	3	Horizontal	0	1.48
2480MHz_TX	Pass	PK	2.48G	106.33	Inf	-Inf	3	Horizontal	0	1.48
2480MHz_TX	Pass	PK	2.484G	58.58	74.00	-15.42	3	Horizontal	0	1.48
2480MHz_TX	Pass	AV	4.96035G	19.94	54.00	-34.06	3	Vertical	198	1.50
2480MHz_TX	Pass	PK	4.96035G	42.44	74.00	-31.56	3	Vertical	198	1.50
2480MHz_TX	Pass	AV	4.96005G	20.17	54.00	-33.83	3	Horizontal	354	1.50
2480MHz_TX	Pass	PK	4.96005G	42.67	74.00	-31.33	3	Horizontal	354	1.50

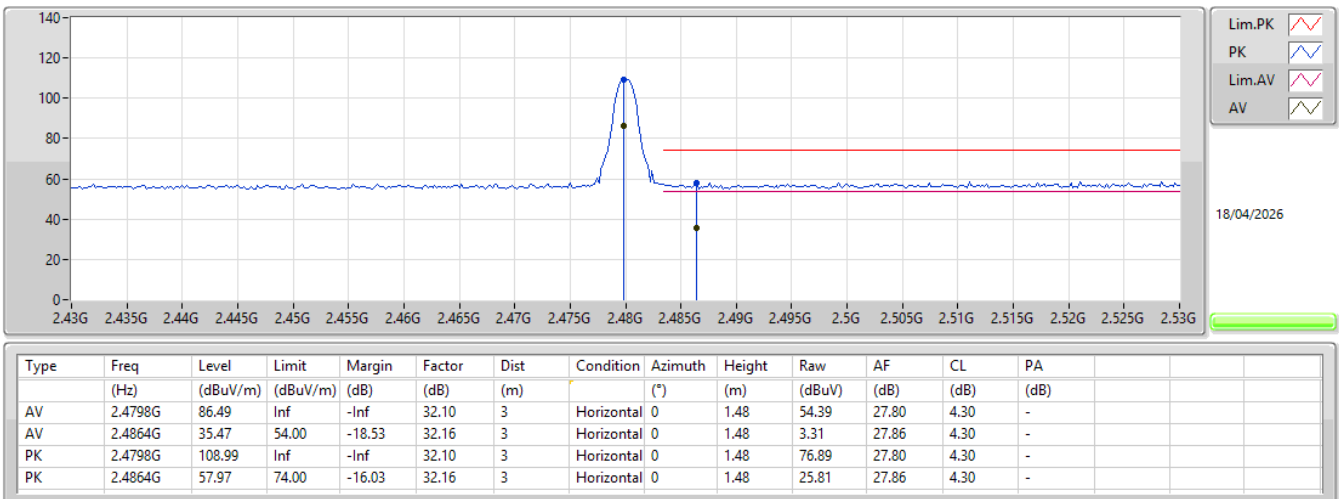
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



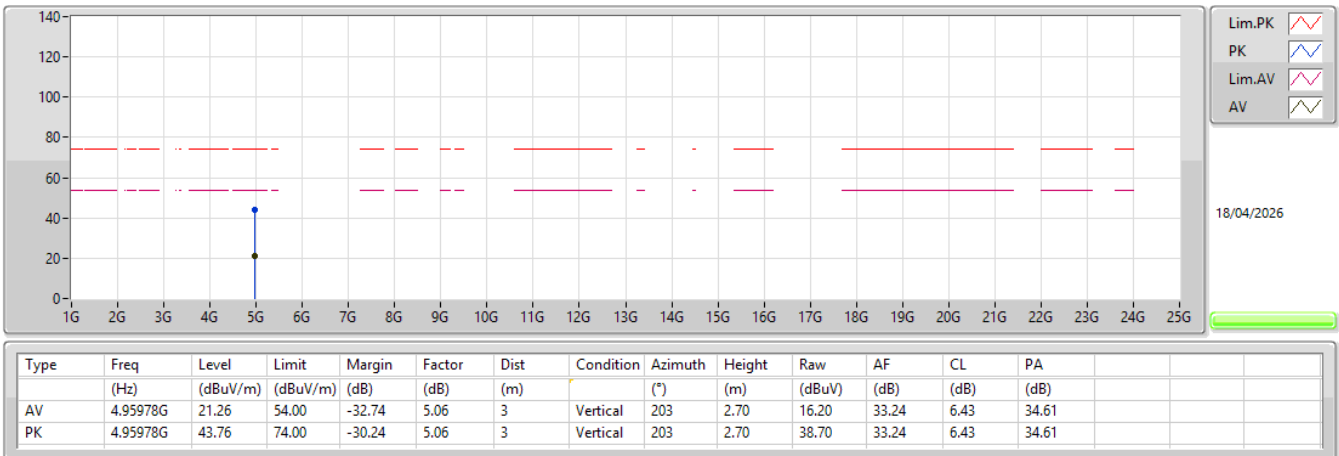
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



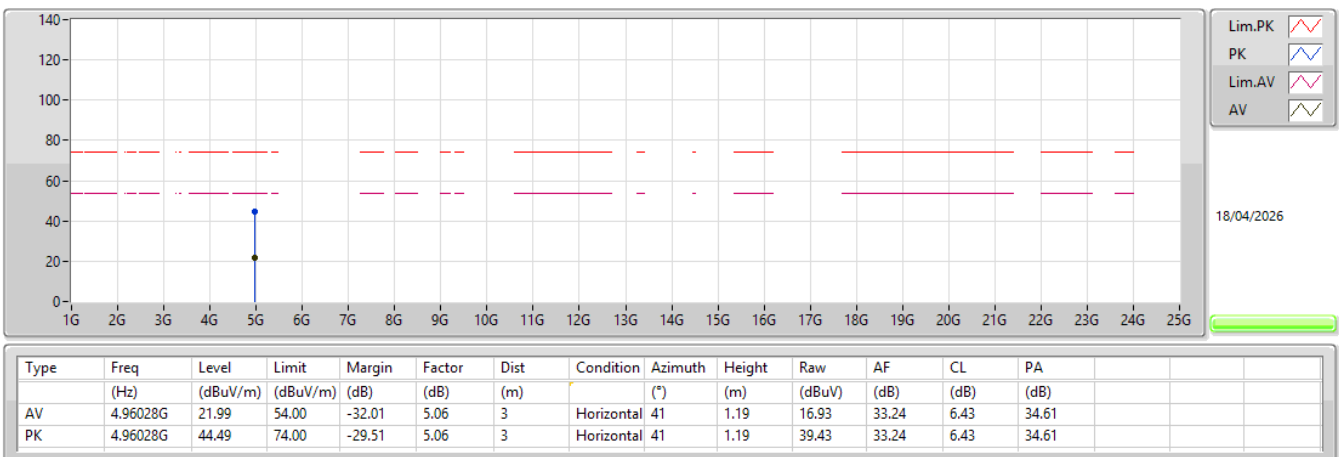
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



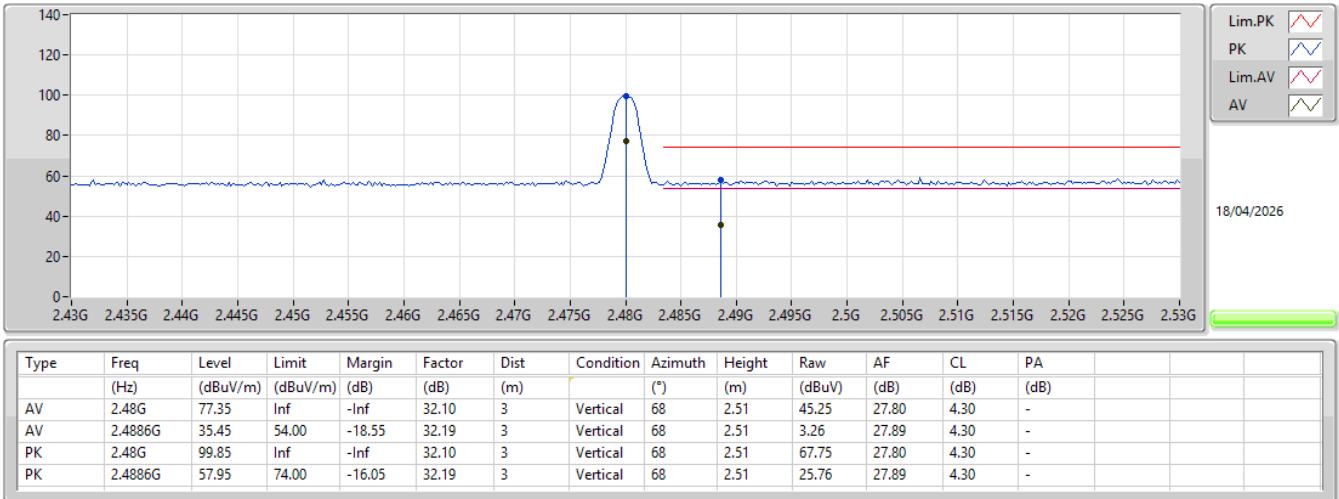
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



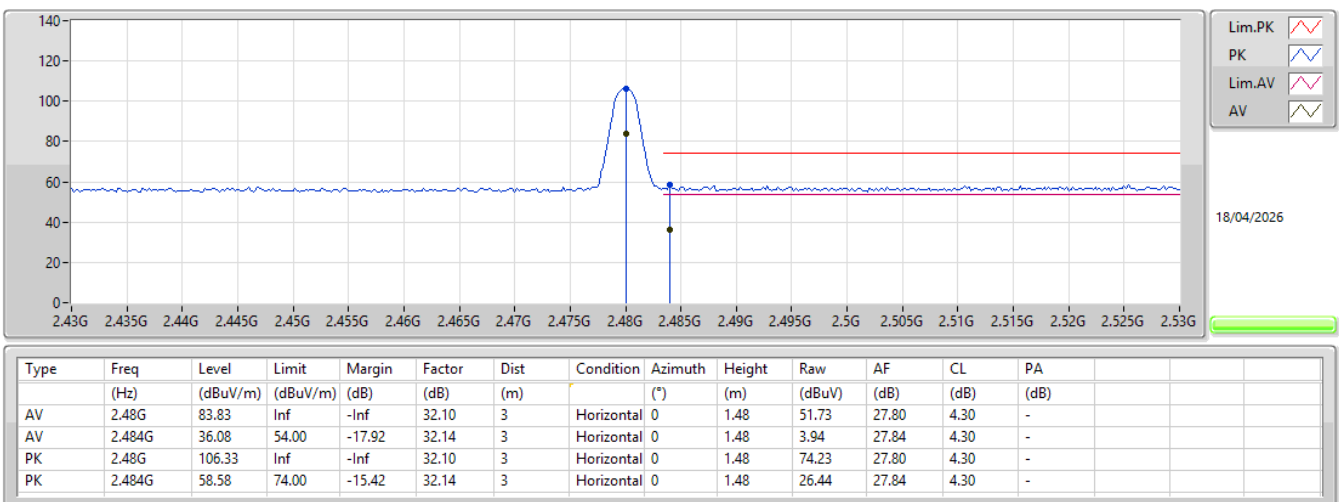
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



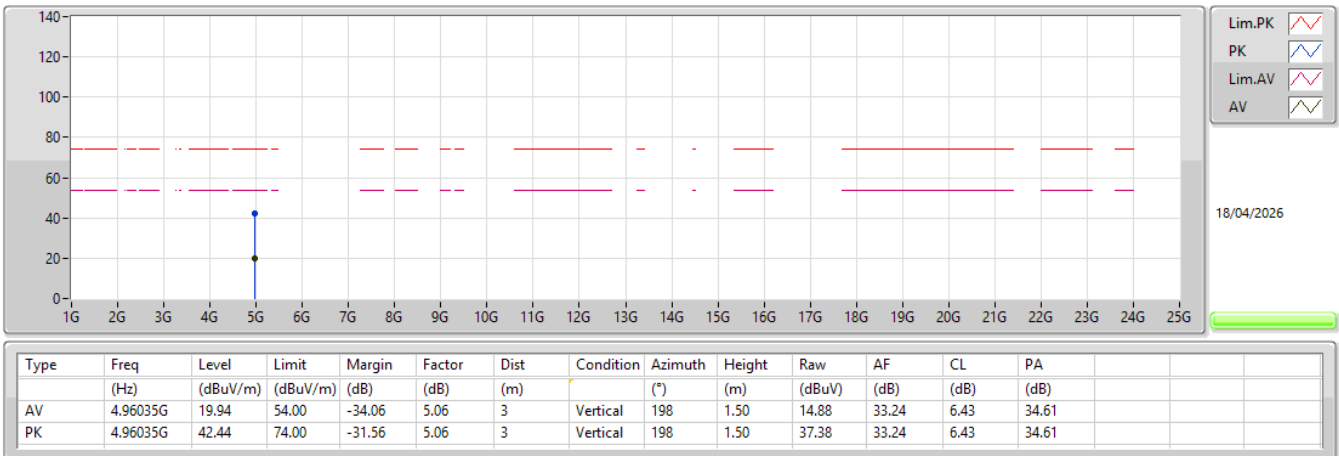
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



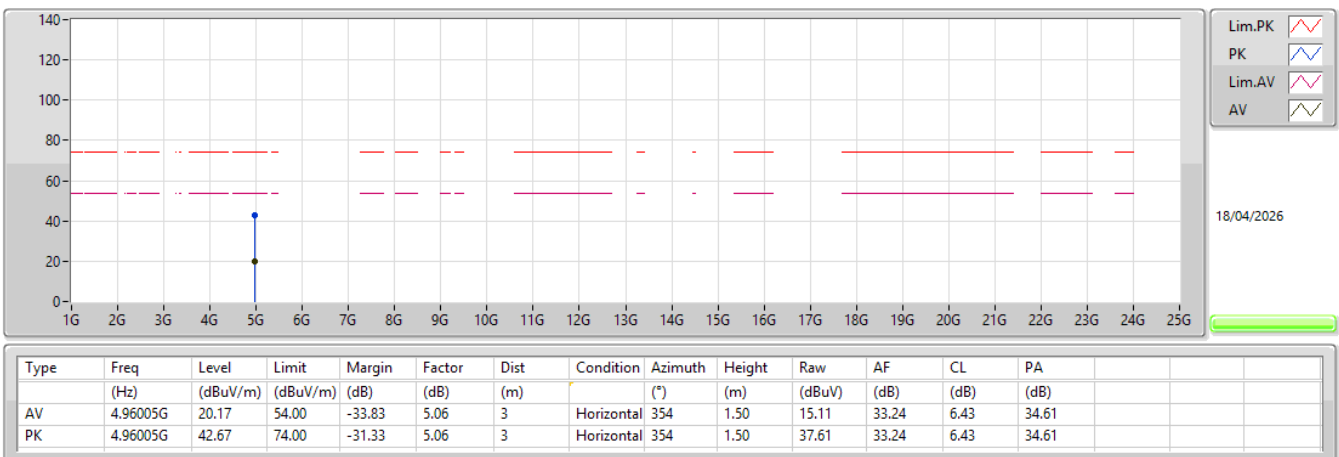
2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-EDR(3Mbps)

2480MHz_TX





Summary

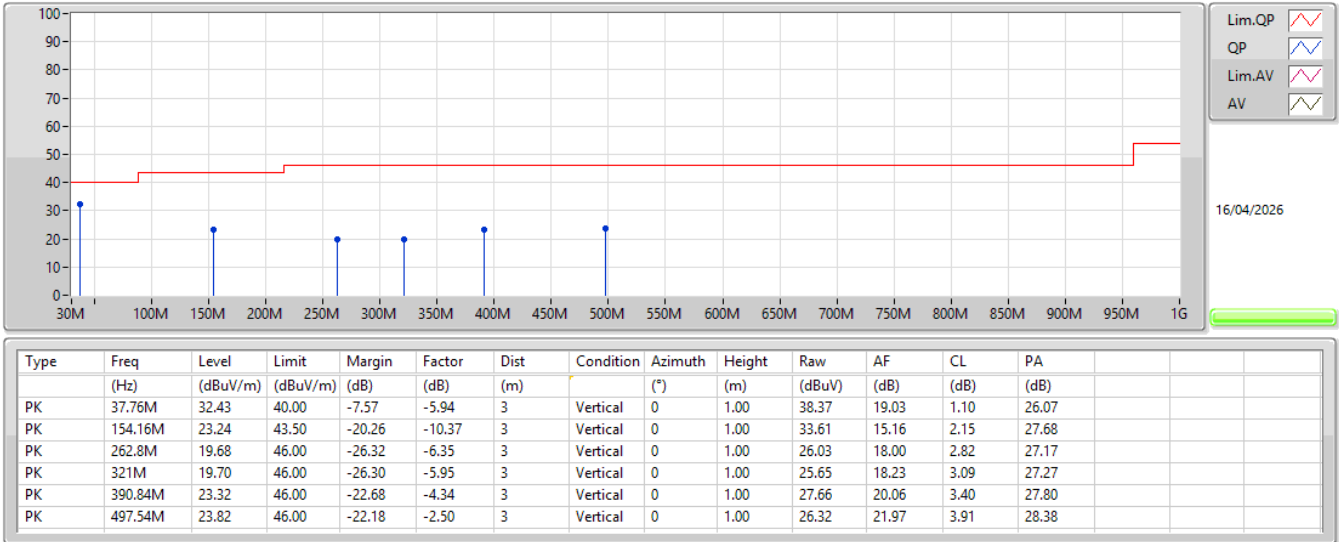
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-EDR(3Mbps)	Pass	PK	37.76M	32.43	40.00	-7.57	3	Vertical	0	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2440MHz_fixture	Pass	PK	37.76M	32.43	40.00	-7.57	3	Vertical	0	1.00
2440MHz_fixture	Pass	PK	154.16M	23.24	43.50	-20.26	3	Vertical	0	1.00
2440MHz_fixture	Pass	PK	262.8M	19.68	46.00	-26.32	3	Vertical	0	1.00
2440MHz_fixture	Pass	PK	321M	19.70	46.00	-26.30	3	Vertical	0	1.00
2440MHz_fixture	Pass	PK	390.84M	23.32	46.00	-22.68	3	Vertical	0	1.00
2440MHz_fixture	Pass	PK	497.54M	23.82	46.00	-22.18	3	Vertical	0	1.00
2440MHz_fixture	Pass	PK	41.64M	29.36	40.00	-10.64	3	Horizontal	360	1.00
2440MHz_fixture	Pass	PK	159.98M	23.81	43.50	-19.69	3	Horizontal	360	1.00
2440MHz_fixture	Pass	PK	198.78M	21.64	43.50	-21.86	3	Horizontal	360	1.00
2440MHz_fixture	Pass	PK	280.26M	23.03	46.00	-22.97	3	Horizontal	360	1.00
2440MHz_fixture	Pass	PK	365.62M	21.97	46.00	-24.03	3	Horizontal	360	1.00
2440MHz_fixture	Pass	PK	474.26M	23.31	46.00	-22.69	3	Horizontal	360	1.00

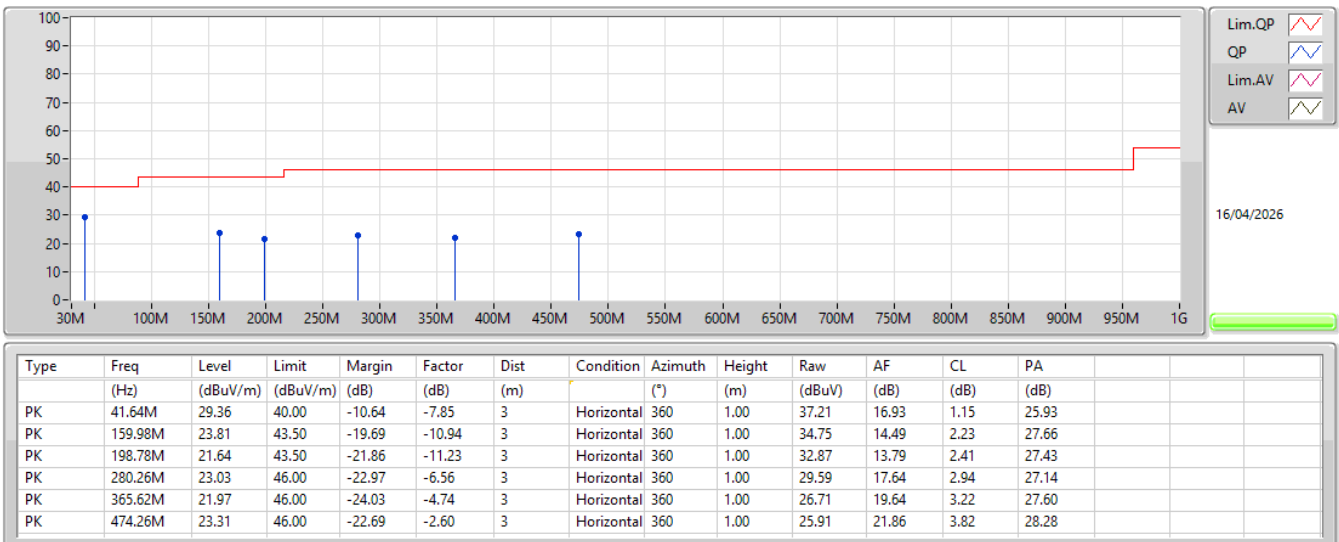
2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_fixture



2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_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	2.4992G	61.26	74.00	-12.74	3	Horizontal	82	1.10
BT-EDR(3Mbps)	Pass	PK	2.492G	61.03	74.00	-12.97	3	Vertical	33	1.23

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	2.3602G	37.85	54.00	-16.15	3	Vertical	35	1.71
2402MHz	Pass	AV	2.402G	88.36	Inf	-Inf	3	Vertical	35	1.71
2402MHz	Pass	PK	2.3602G	60.35	74.00	-13.65	3	Vertical	35	1.71
2402MHz	Pass	PK	2.402G	110.86	Inf	-Inf	3	Vertical	35	1.71
2402MHz	Pass	AV	2.3712G	36.90	54.00	-17.10	3	Horizontal	80	1.03
2402MHz	Pass	AV	2.4018G	81.08	Inf	-Inf	3	Horizontal	80	1.03
2402MHz	Pass	PK	2.3712G	59.40	74.00	-14.60	3	Horizontal	80	1.03
2402MHz	Pass	PK	2.4018G	103.58	Inf	-Inf	3	Horizontal	80	1.03
2402MHz	Pass	AV	4.8038G	24.67	54.00	-29.33	3	Vertical	344	2.47
2402MHz	Pass	PK	4.8038G	47.17	74.00	-26.83	3	Vertical	344	2.47
2402MHz	Pass	AV	4.80397G	20.21	54.00	-33.79	3	Horizontal	113	2.91
2402MHz	Pass	PK	4.80397G	42.71	74.00	-31.29	3	Horizontal	113	2.91
2440MHz	Pass	AV	2.36G	37.21	54.00	-16.79	3	Vertical	33	1.23
2440MHz	Pass	AV	2.44G	88.09	Inf	-Inf	3	Vertical	33	1.23
2440MHz	Pass	AV	2.4852G	37.92	54.00	-16.08	3	Vertical	33	1.23
2440MHz	Pass	PK	2.36G	59.71	74.00	-14.29	3	Vertical	33	1.23
2440MHz	Pass	PK	2.44G	110.59	Inf	-Inf	3	Vertical	33	1.23
2440MHz	Pass	PK	2.4852G	60.42	74.00	-13.58	3	Vertical	33	1.23
2440MHz	Pass	AV	2.3476G	36.69	54.00	-17.31	3	Horizontal	82	2.41
2440MHz	Pass	AV	2.44G	81.60	Inf	-Inf	3	Horizontal	82	2.41
2440MHz	Pass	AV	2.5G	38.54	54.00	-15.46	3	Horizontal	82	2.41
2440MHz	Pass	PK	2.3476G	59.19	74.00	-14.81	3	Horizontal	82	2.41
2440MHz	Pass	PK	2.44G	104.10	Inf	-Inf	3	Horizontal	82	2.41
2440MHz	Pass	PK	2.5G	61.04	74.00	-12.96	3	Horizontal	82	2.41
2440MHz	Pass	AV	4.87973G	24.40	54.00	-29.60	3	Vertical	347	2.53
2440MHz	Pass	PK	4.87973G	46.90	74.00	-27.10	3	Vertical	347	2.53
2440MHz	Pass	AV	4.88008G	20.78	54.00	-33.22	3	Horizontal	120	1.08
2440MHz	Pass	PK	4.88008G	43.28	74.00	-30.72	3	Horizontal	120	1.08
2480MHz	Pass	AV	2.4802G	86.17	Inf	-Inf	3	Vertical	356	1.76
2480MHz	Pass	AV	2.4898G	38.34	54.00	-15.66	3	Vertical	356	1.76
2480MHz	Pass	PK	2.4802G	108.67	Inf	-Inf	3	Vertical	356	1.76
2480MHz	Pass	PK	2.4898G	60.84	74.00	-13.16	3	Vertical	356	1.76
2480MHz	Pass	AV	2.48G	80.20	Inf	-Inf	3	Horizontal	82	1.10
2480MHz	Pass	AV	2.4992G	38.76	54.00	-15.24	3	Horizontal	82	1.10
2480MHz	Pass	PK	2.48G	102.70	Inf	-Inf	3	Horizontal	82	1.10
2480MHz	Pass	PK	2.4992G	61.26	74.00	-12.74	3	Horizontal	82	1.10
2480MHz	Pass	AV	4.96001G	23.34	54.00	-30.66	3	Vertical	6	1.08
2480MHz	Pass	PK	4.96001G	45.84	74.00	-28.16	3	Vertical	6	1.08
2480MHz	Pass	AV	4.96055G	21.41	54.00	-32.59	3	Horizontal	120	1.22
2480MHz	Pass	PK	4.96055G	43.91	74.00	-30.09	3	Horizontal	120	1.22
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3858G	37.42	54.00	-16.58	3	Vertical	32	1.91
2402MHz	Pass	AV	2.402G	85.42	Inf	-Inf	3	Vertical	32	1.91
2402MHz	Pass	PK	2.3858G	59.92	74.00	-14.08	3	Vertical	32	1.91
2402MHz	Pass	PK	2.402G	107.92	Inf	-Inf	3	Vertical	32	1.91
2402MHz	Pass	AV	2.36G	36.99	54.00	-17.01	3	Horizontal	82	1.50
2402MHz	Pass	AV	2.402G	79.23	Inf	-Inf	3	Horizontal	82	1.50
2402MHz	Pass	PK	2.36G	59.49	74.00	-14.51	3	Horizontal	82	1.50
2402MHz	Pass	PK	2.402G	101.73	Inf	-Inf	3	Horizontal	82	1.50
2402MHz	Pass	AV	4.80408G	21.70	54.00	-32.30	3	Vertical	0	1.41
2402MHz	Pass	PK	4.80408G	44.20	74.00	-29.80	3	Vertical	0	1.41
2402MHz	Pass	AV	4.80486G	19.72	54.00	-34.28	3	Horizontal	120	1.48
2402MHz	Pass	PK	4.80486G	42.22	74.00	-31.78	3	Horizontal	120	1.48
2440MHz	Pass	AV	2.3448G	36.69	54.00	-17.31	3	Vertical	33	1.23
2440MHz	Pass	AV	2.44G	83.59	Inf	-Inf	3	Vertical	33	1.23
2440MHz	Pass	AV	2.492G	38.53	54.00	-15.47	3	Vertical	33	1.23
2440MHz	Pass	PK	2.3448G	59.19	74.00	-14.81	3	Vertical	33	1.23
2440MHz	Pass	PK	2.44G	106.09	Inf	-Inf	3	Vertical	33	1.23
2440MHz	Pass	PK	2.492G	61.03	74.00	-12.97	3	Vertical	33	1.23
2440MHz	Pass	AV	2.3508G	36.99	54.00	-17.01	3	Horizontal	83	2.42



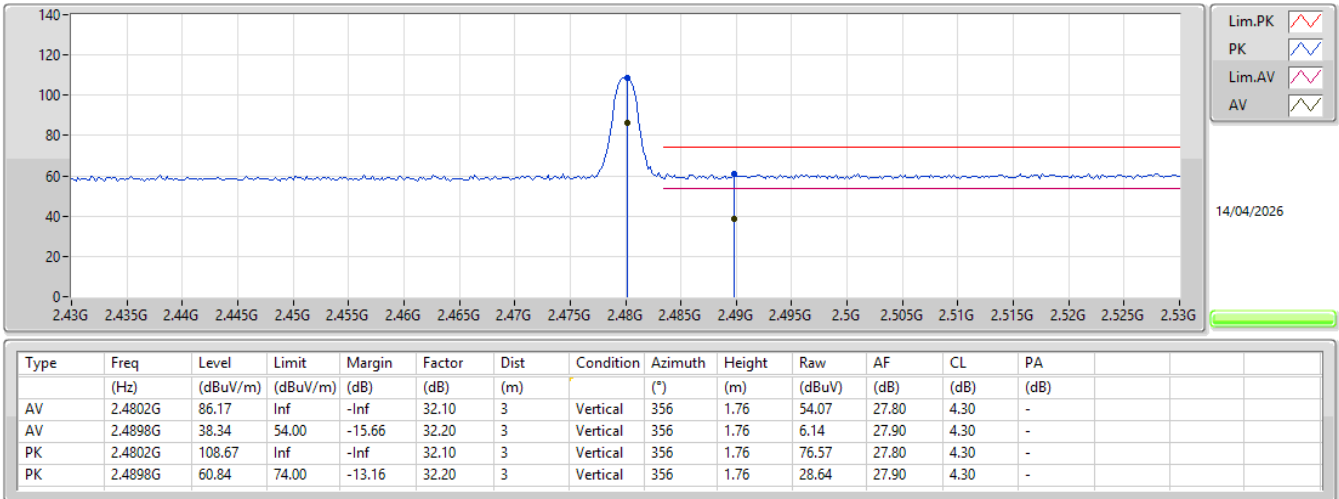
RSE TX above 1GHz _Dipole Antenna

Appendix G.4

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2440MHz	Pass	AV	2.44G	78.31	Inf	-Inf	3	Horizontal	83	2.42
2440MHz	Pass	AV	2.492G	37.80	54.00	-16.20	3	Horizontal	83	2.42
2440MHz	Pass	PK	2.3508G	59.49	74.00	-14.51	3	Horizontal	83	2.42
2440MHz	Pass	PK	2.44G	100.81	Inf	-Inf	3	Horizontal	83	2.42
2440MHz	Pass	PK	2.492G	60.30	74.00	-13.70	3	Horizontal	83	2.42
2440MHz	Pass	AV	4.88041G	22.24	54.00	-31.76	3	Vertical	346	2.52
2440MHz	Pass	PK	4.88041G	44.74	74.00	-29.26	3	Vertical	346	2.52
2440MHz	Pass	AV	4.87921G	20.05	54.00	-33.95	3	Horizontal	118	1.28
2440MHz	Pass	PK	4.87921G	42.55	74.00	-31.45	3	Horizontal	118	1.28
2480MHz	Pass	AV	2.48G	83.30	Inf	-Inf	3	Vertical	357	1.76
2480MHz	Pass	AV	2.4852G	38.40	54.00	-15.60	3	Vertical	357	1.76
2480MHz	Pass	PK	2.48G	105.80	Inf	-Inf	3	Vertical	357	1.76
2480MHz	Pass	PK	2.4852G	60.90	74.00	-13.10	3	Vertical	357	1.76
2480MHz	Pass	AV	2.48G	77.45	Inf	-Inf	3	Horizontal	81	1.13
2480MHz	Pass	AV	2.4936G	37.99	54.00	-16.01	3	Horizontal	81	1.13
2480MHz	Pass	PK	2.48G	99.95	Inf	-Inf	3	Horizontal	81	1.13
2480MHz	Pass	PK	2.4936G	60.49	74.00	-13.51	3	Horizontal	81	1.13
2480MHz	Pass	AV	4.95965G	22.22	54.00	-31.78	3	Vertical	0	1.10
2480MHz	Pass	PK	4.95965G	44.72	74.00	-29.28	3	Vertical	0	1.10
2480MHz	Pass	AV	4.96141G	20.22	54.00	-33.78	3	Horizontal	218	2.07
2480MHz	Pass	PK	4.96141G	42.72	74.00	-31.28	3	Horizontal	218	2.07

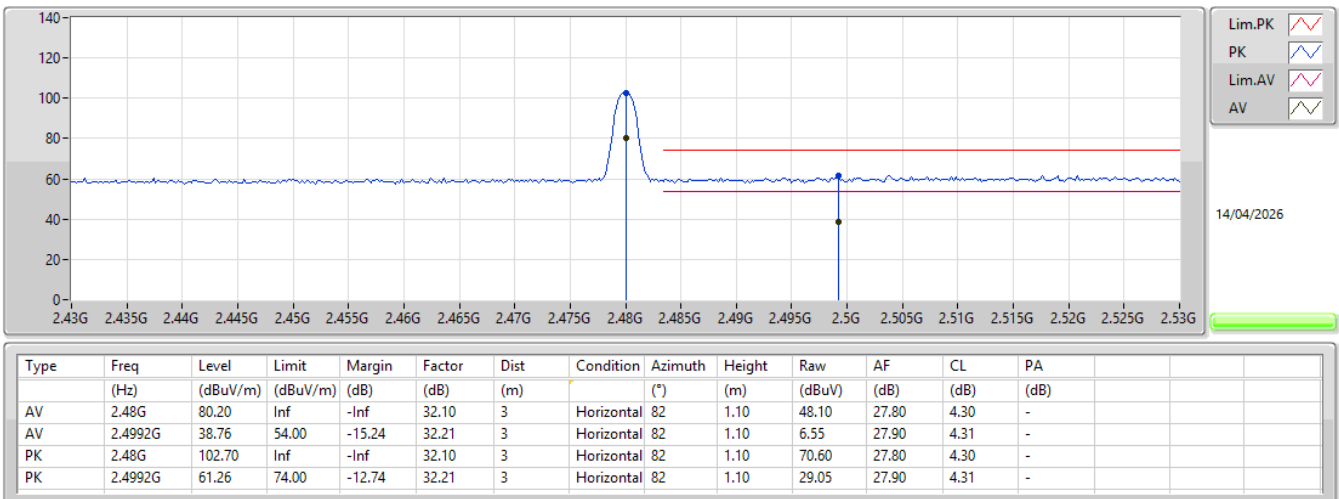
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



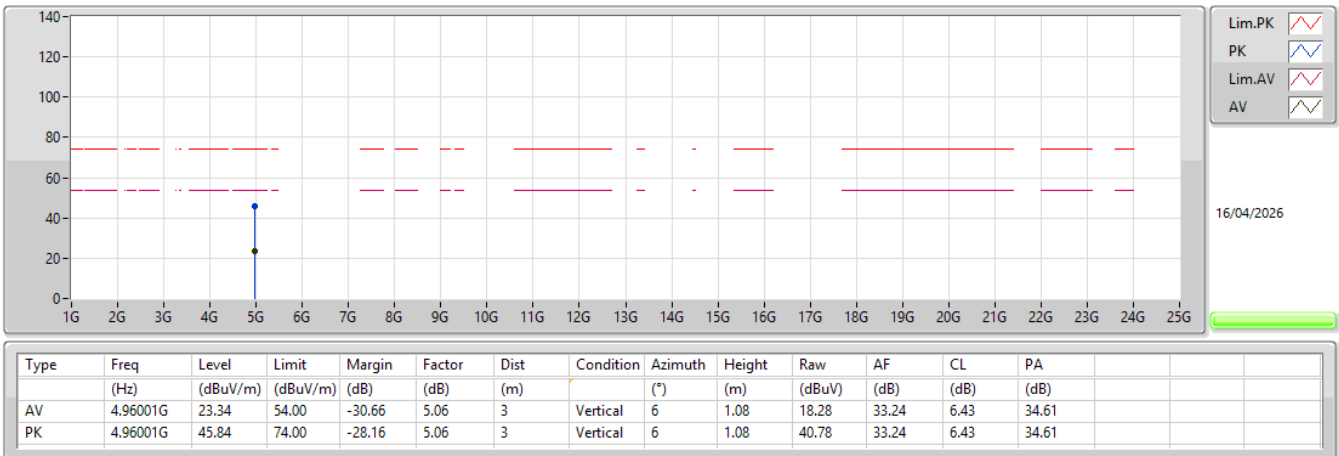
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



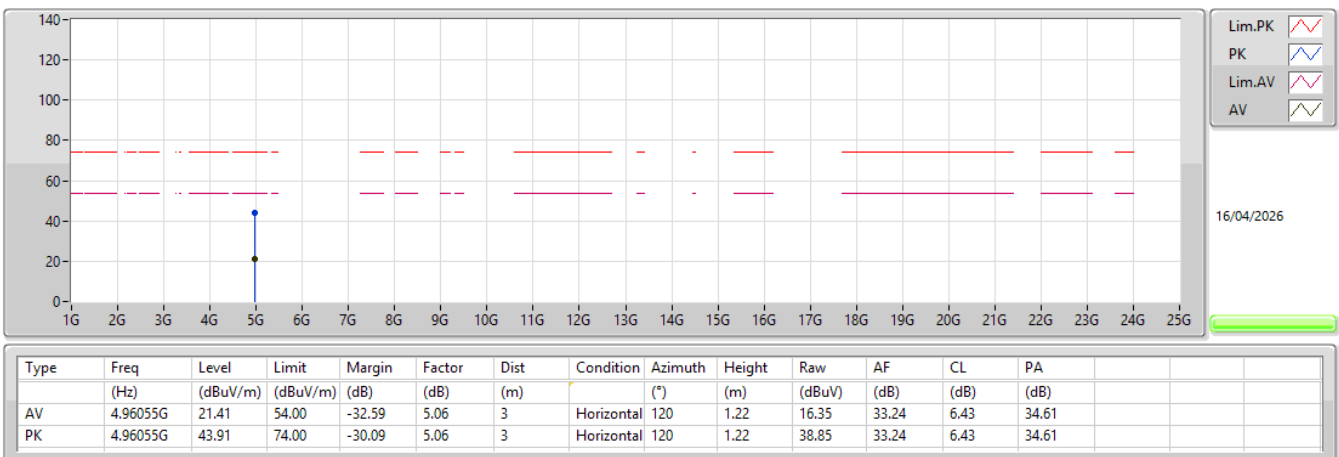
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



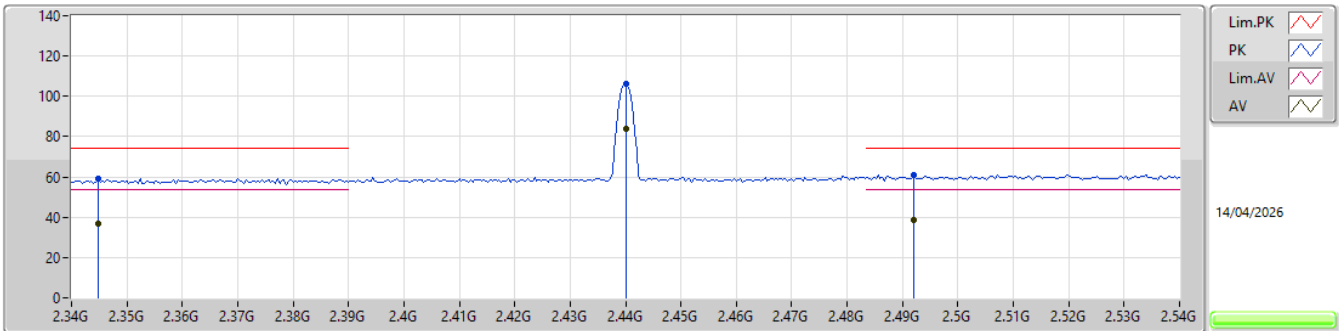
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-EDR(3Mbps)

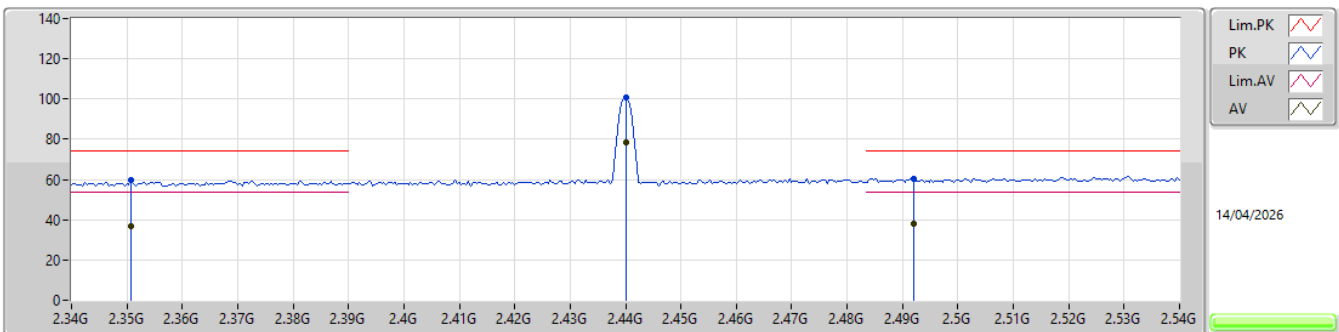
2440MHz_TX



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)
AV	2.3448G	36.69	54.00	-17.31	31.50	3	Vertical	33	1.23	5.19	27.30	4.20	-
AV	2.44G	83.59	Inf	-Inf	31.88	3	Vertical	33	1.23	51.71	27.60	4.28	-
AV	2.492G	38.53	54.00	-15.47	32.21	3	Vertical	33	1.23	6.32	27.90	4.31	-
PK	2.3448G	59.19	74.00	-14.81	31.50	3	Vertical	33	1.23	27.69	27.30	4.20	-
PK	2.44G	106.09	Inf	-Inf	31.88	3	Vertical	33	1.23	74.21	27.60	4.28	-
PK	2.492G	61.03	74.00	-12.97	32.21	3	Vertical	33	1.23	28.82	27.90	4.31	-

2.4-2.4835GHz_BT-EDR(3Mbps)

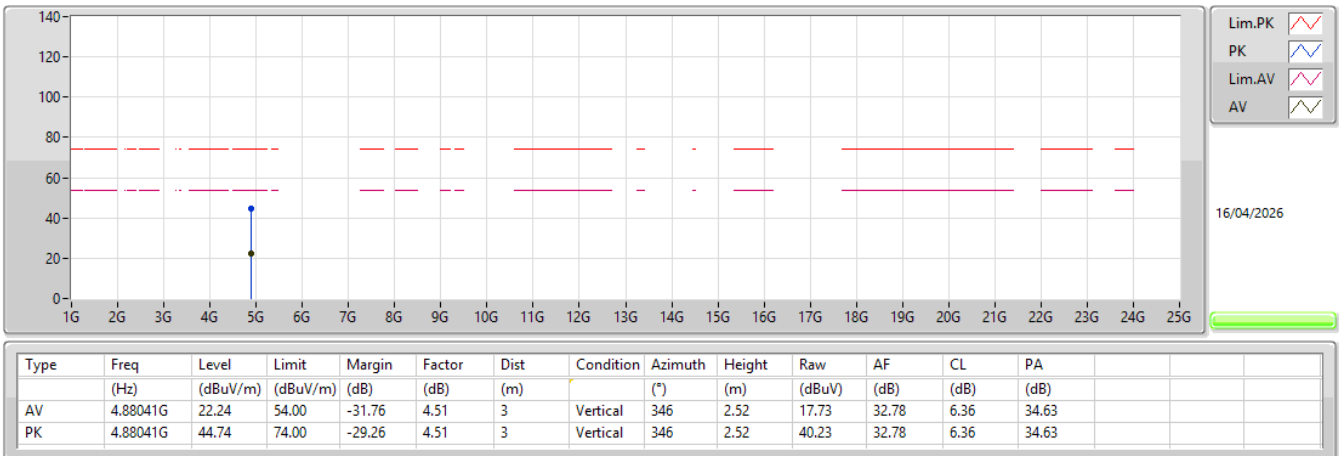
2440MHz_TX



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)
AV	2.3508G	36.99	54.00	-17.01	31.50	3	Horizontal	83	2.42	5.49	27.30	4.20	-
AV	2.44G	78.31	Inf	-Inf	31.88	3	Horizontal	83	2.42	46.43	27.60	4.28	-
AV	2.492G	37.80	54.00	-16.20	32.21	3	Horizontal	83	2.42	5.59	27.90	4.31	-
PK	2.3508G	59.49	74.00	-14.51	31.50	3	Horizontal	83	2.42	27.99	27.30	4.20	-
PK	2.44G	100.81	Inf	-Inf	31.88	3	Horizontal	83	2.42	68.93	27.60	4.28	-
PK	2.492G	60.30	74.00	-13.70	32.21	3	Horizontal	83	2.42	28.09	27.90	4.31	-

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX



2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX

