

FCC Radio Test Report

FCC ID : X4GS02260
Equipment : Axon Body Mini
Brand Name : AXON
Model Name : AX1047
Applicant : Axon Enterprise, Inc.
17800 N. 85th Street Scottsdale, Arizona United States 85255
Manufacturer : Axon Enterprise, Inc.
17800 N. 85th Street Scottsdale, Arizona United States 85255
Standard : 47 CFR FCC Part 15.247

The product was received on Apr. 23, 2026, and testing was started from May 21, 2026 and completed on Jun. 04, 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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Report Template No.: HE1-C9 Ver4.5
FCC ID: X4GS02260

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	20dB Bandwidth	PASS	-
3.2	15.247(a)	Carrier Frequency Separation	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(a)	Number of Hopping Frequencies and Hopping Bandedge	PASS	-
3.5	15.247(a)	Time of Occupancy (Dwell Time)	PASS	-
3.6	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.7	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Amber Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

- Bluetooth BR uses a GFSK (1Mbps).
- Bluetooth EDR uses a combination of $\pi/4$ -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
1	INPAQ	RFMTA220300NNLB001	PIFA	N/A	2.4G+5G+BT
2	INPAQ	RFMTA310300NNGB001	Internal Monopole	N/A	GPS
3	LITEON	47309-000280F003	Loop	N/A	NFC

Ant.	Port	Gain (dBi)						
		2.4G	5G				BT	GPS
			U-NII-1	U-NII-2A	U-NII-2C	U-NII-3		
1	1	0.88	4.01	4.56	4.5	4.4	0.88	-
2	1	-	-	-	-	-	-	-2.21

For 2.4GHz function:

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

Ant. 1 could transmit/receive.

For 5GHz function:

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

Ant. 1 could transmit/receive.

For BT function:

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

Ant. 1 could transmit/receive.

For GPS function:

Ant. 2 could receive.

For NFC function:

Ant. 3 could transmit/receive.

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
BT-BR(1Mbps)	0.784	1.06	2.888m	500
BT-EDR(2Mbps)	0.742	1.3	2.889m	500
BT-EDR(3Mbps)	0.782	1.07	2.891m	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	CO04-HY	Lego Lin	17.5~19.2°C / 57~61%	04/Jun/2026
RF Conducted	TH07-HY	Peng Huang	23.5~23.8°C / 50~55%	29/May/2026~30/May/2026
☒ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH24-HY	Jack Tang	21.3~21.6°C / 51~55%	21/May/2026~27/May/2026
Radiated (Co-location)	03CH26-HY	Andy Wang	23.1~23.8°C / 53~57%	28/May/2026~02/Jun/2026

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	DOS v6.1
Mode	Power Setting
BT-BR(1Mbps)	-
2402MHz	10
2440MHz	10
2480MHz	10
BT-EDR(2Mbps)	-
2402MHz	10
2440MHz	10
2480MHz	10
BT-EDR(3Mbps)	-
2402MHz	10
2440MHz	11
2480MHz	10

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	20dB Bandwidth Carrier Frequency Separation Maximum Conducted Output Power Number of Hopping Frequencies Hopping Bandedge Time of Occupancy (Dwell Time) Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains ☒ Non-adaptive frequency hopping systems (Non-AFH) ☒ adaptive frequency hopping systems (AFH)
Non-AFH Mode configuration was found to be the worst case and measured during the test.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement
Operating Mode	
1	2.4GHz WLAN+ Bluetooth ; Normal link
2	5GHz WLAN+ Bluetooth ; CTX
Refer to Appendix H for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Battery	Brand Name	VIETNAM EXQUISITE POWER TECHNOLOGY COMPANY LIMITED	Model Name	I0921A
	Power Rating	3.9 Vdc,2040 mAh	Type	Li-ion, Yes

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

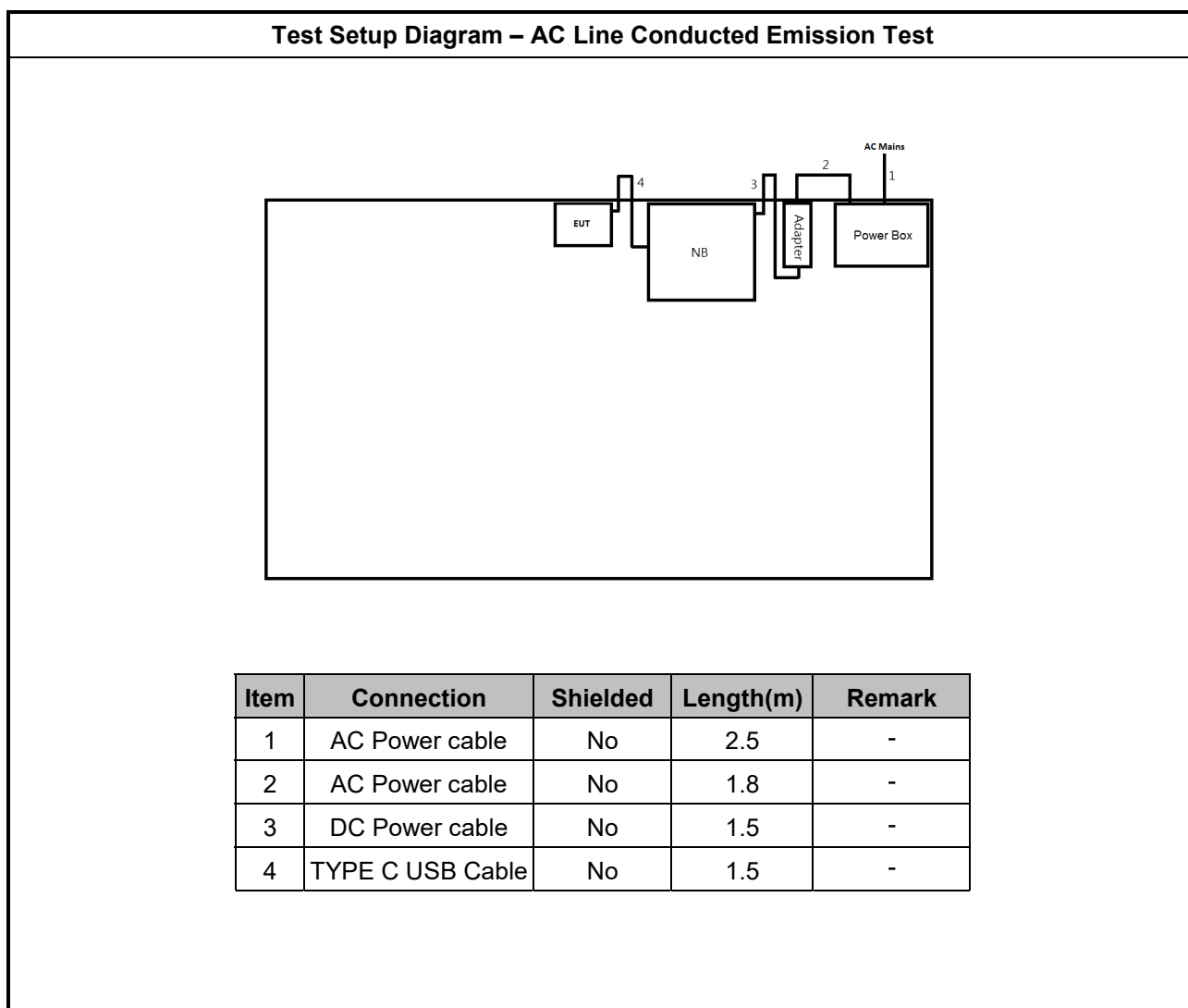
2.4 Support Equipment

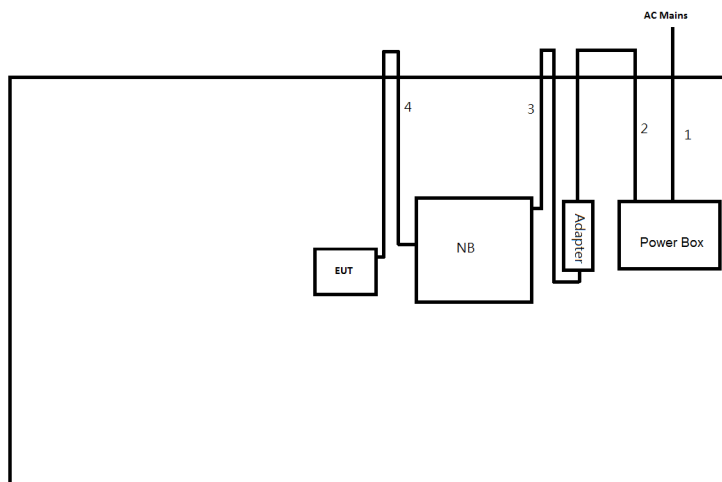
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter for NB	HP	HSTNN-CA40	-	-
3	TYPE C USB Cable	N/A	N/A	-	Provided by Customer
4	AC Power cable	Power sync	TPCMRN0018	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter	XIAOMI	MDY-03-EC	-	-
2	TYPE C USB Cable	N/A	N/A	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-142C	-	-
2	Adapter for NB	HP	HSTNN-CA40	-	-
3	TYPE C USB Cable	N/A	N/A	-	Provided by Customer
4	AC Power cable	Power sync	TPCMRN0018	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	2.5	-
2	AC Power cable	No	1.8	-
3	DC Power cable	No	1.5	-
4	TYPE C USB Cable	No	1.5	-

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

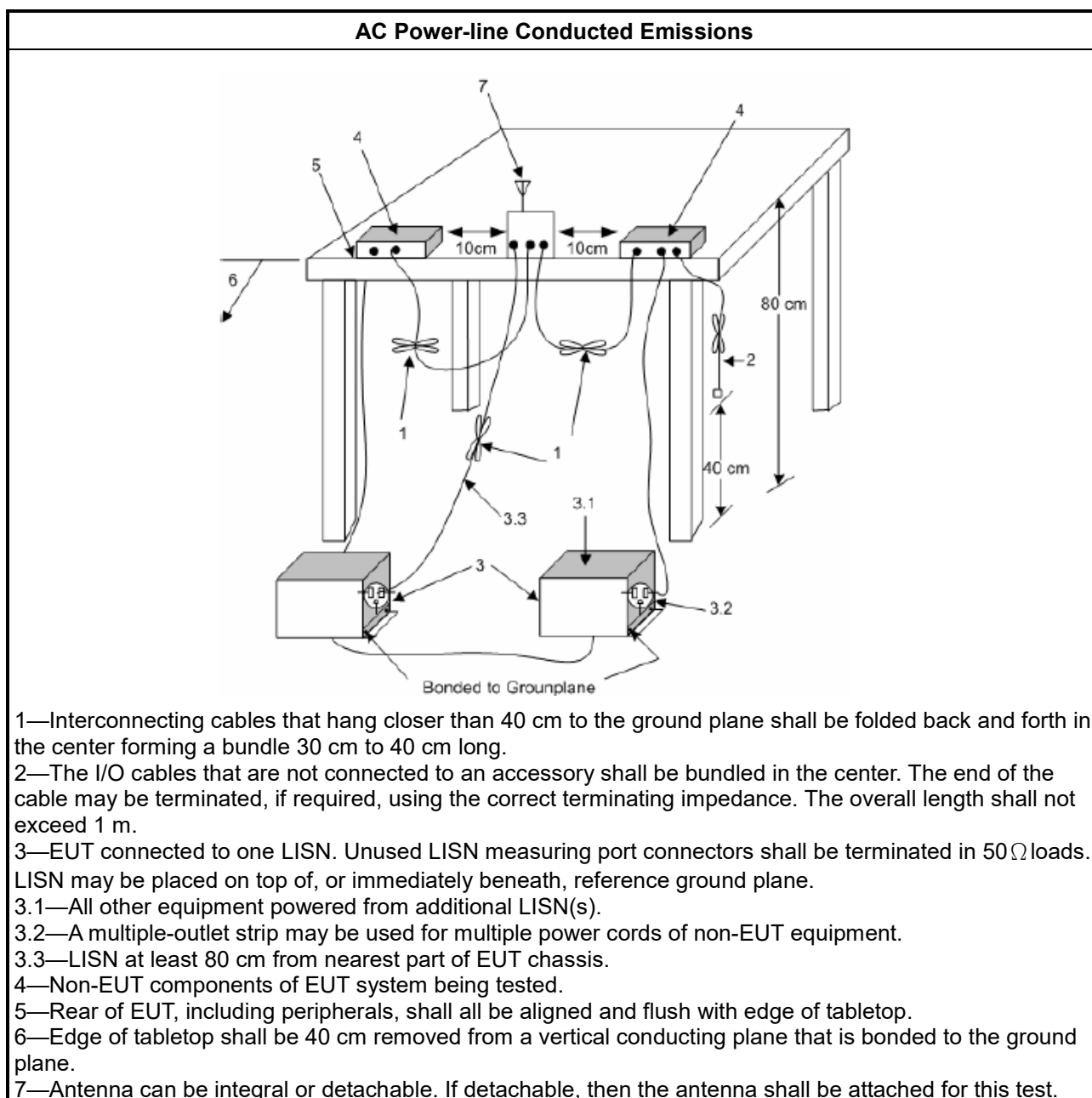
Test Method
Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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	

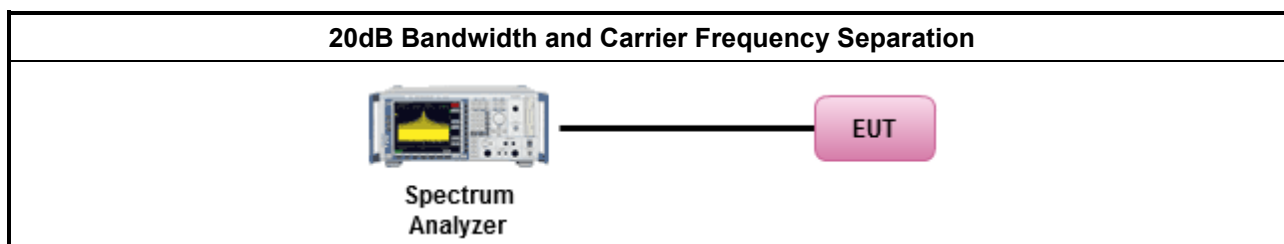
3.2.2 Measuring Instruments

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	

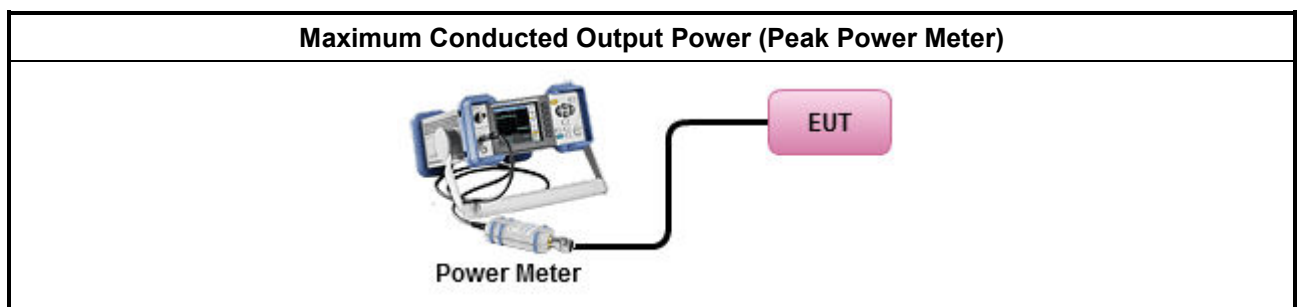
3.3.2 Measuring Instruments

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

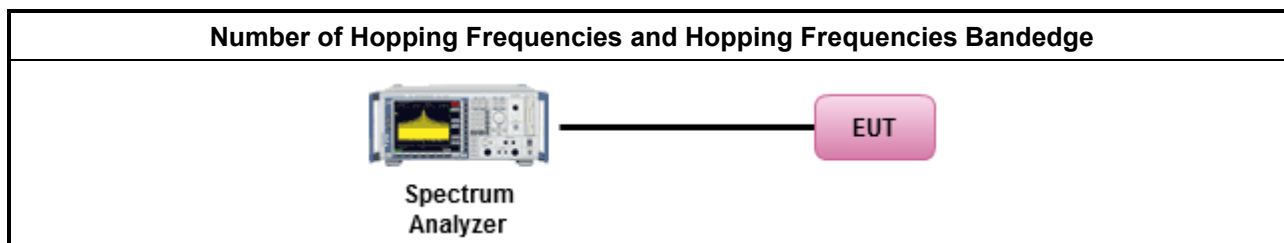
3.4.3 Measuring Instruments

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	

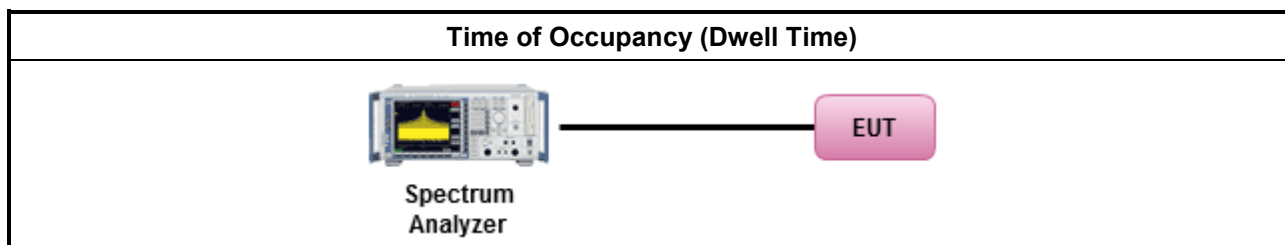
3.5.2 Measuring Instruments

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.	

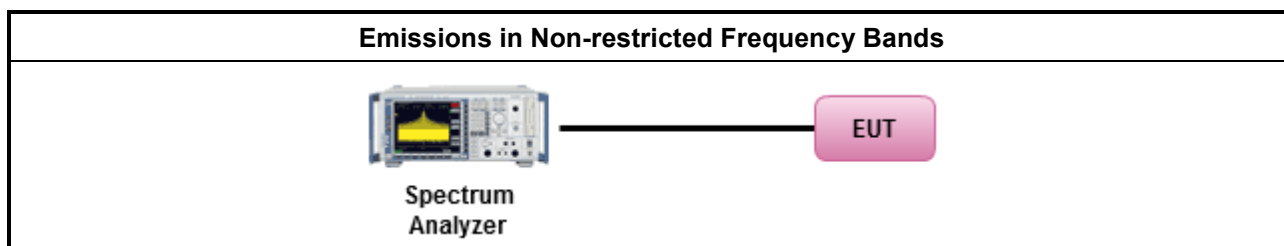
3.6.2 Measuring Instruments

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

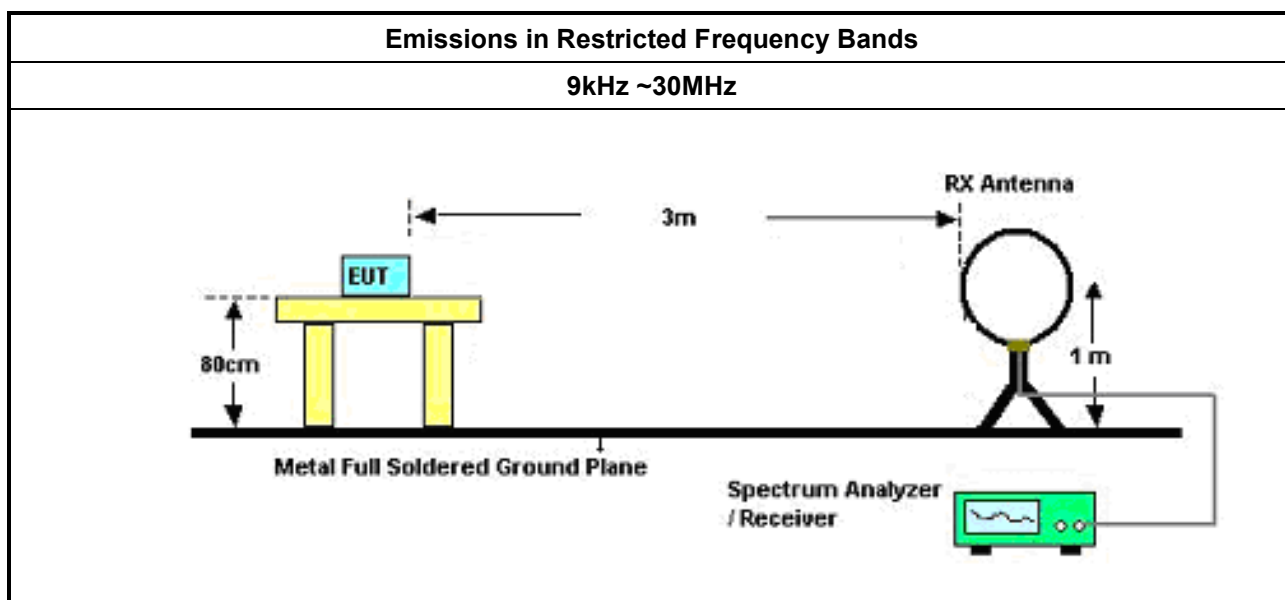
Test Method	
- The average emission levels shall be measured in [hopping duty factor]. - Refer as ANSI C63.10; clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band. - For the transmitter unwanted emissions shall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

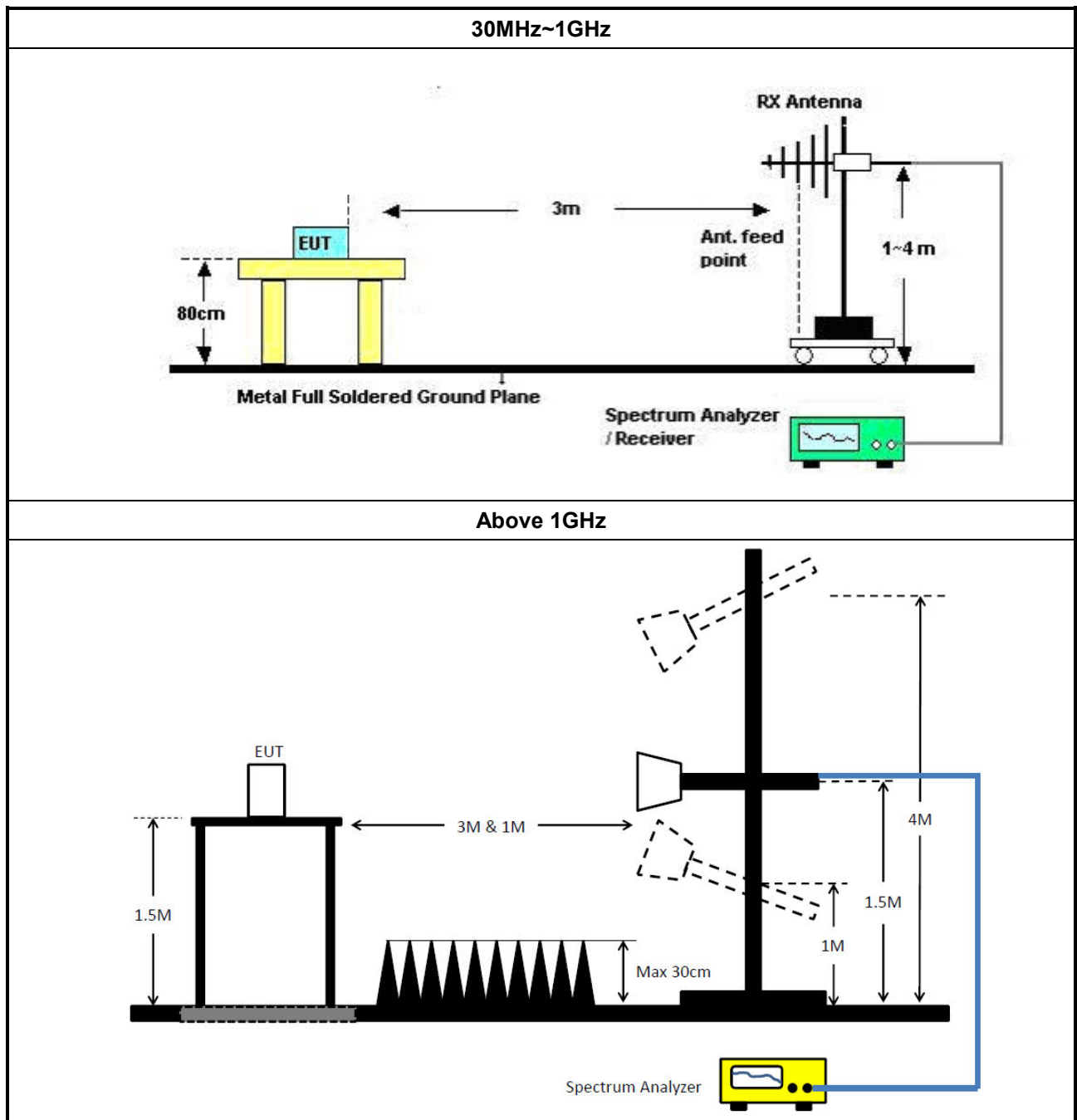
3.7.4 Measurement Results Calculation

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	ESR7	102956	9kHz ~ 3.6GHz	26/Aug/2025	25/Aug/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
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	15/Aug/2025	14/Aug/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	29/Jul/2025	28/Jul/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	08/Dec/2025	07/Dec/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	26/Aug/2025	25/Aug/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2026	15/Mar/2027
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	12/Apr/2026	11/Apr/2027
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	07/Aug/2025	06/Aug/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Pre-Amplifier	Agilent	8447D	2944A06292	30MHz~1GHz	07/Apr/2026	06/Apr/2027
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	08/Aug/2025	07/Aug/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	27/Apr/2026	26/Apr/2027
SENSE-15247-FS	Sporton	V5.11.24	NA	NA	NA	NA

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	1GHz~18GHz 3m	06/Aug/2025	05/Aug/2026
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	08/Dec/2025	07/Dec/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101411	10Hz~44GHz	30/Sep/2025	29/Sep/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02877	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	03/Oct/2025	02/Oct/2026
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	20/May/2026	21/May/2027
Amplifier	EM	EM18G40G	060874	18GHz ~ 40GHz	27/Apr/2026	26/Apr/2027
SENSE-EMI	Sporton	V5.11.9	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

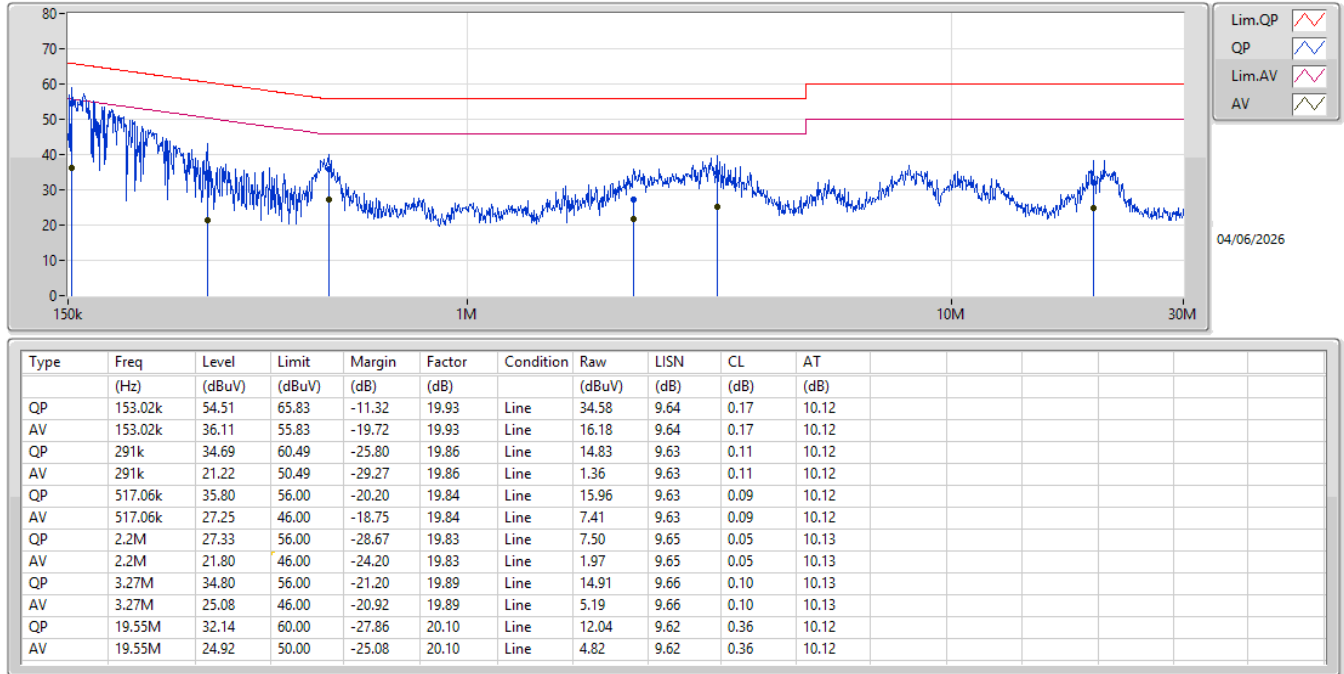
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.02k	54.51	65.83	-11.32	Line

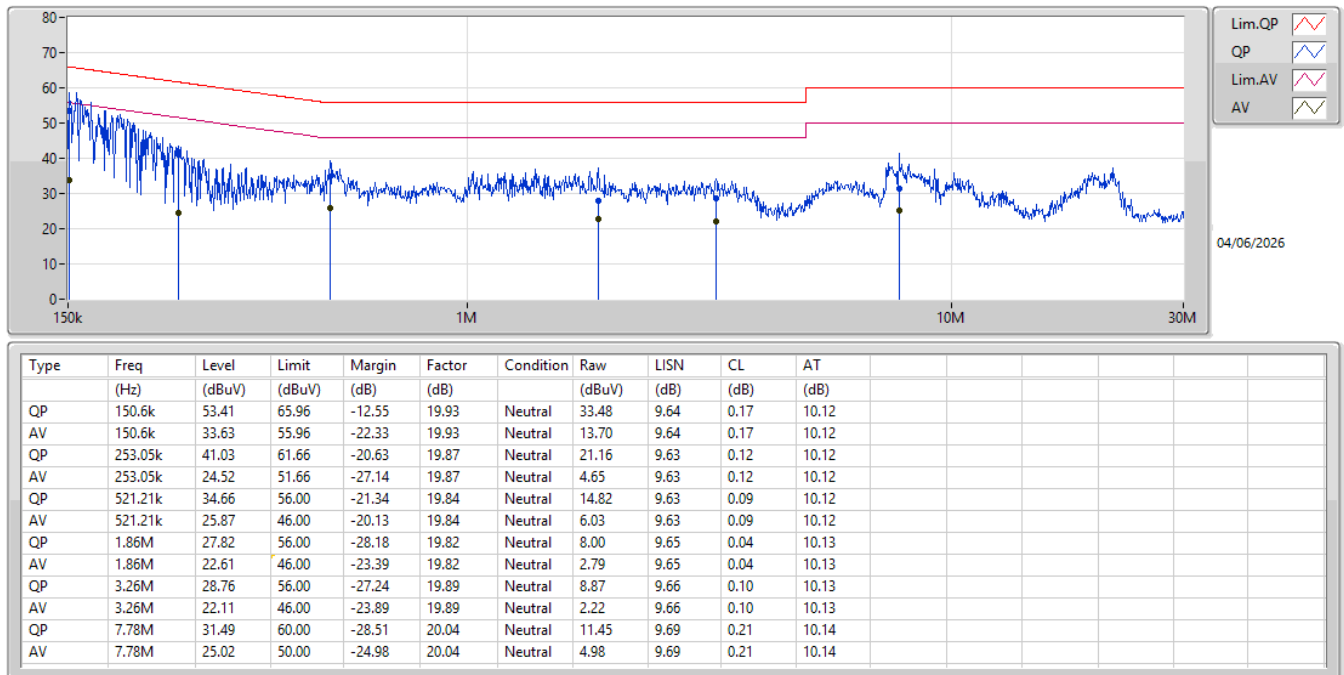
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.02k	54.51	65.83	-11.32	Line
Mode 1	Pass	AV	153.02k	36.11	55.83	-19.72	Line
Mode 1	Pass	QP	291k	34.69	60.49	-25.80	Line
Mode 1	Pass	AV	291k	21.22	50.49	-29.27	Line
Mode 1	Pass	QP	517.06k	35.80	56.00	-20.20	Line
Mode 1	Pass	AV	517.06k	27.25	46.00	-18.75	Line
Mode 1	Pass	QP	2.2M	27.33	56.00	-28.67	Line
Mode 1	Pass	AV	2.2M	21.80	46.00	-24.20	Line
Mode 1	Pass	QP	3.27M	34.80	56.00	-21.20	Line
Mode 1	Pass	AV	3.27M	25.08	46.00	-20.92	Line
Mode 1	Pass	QP	19.55M	32.14	60.00	-27.86	Line
Mode 1	Pass	AV	19.55M	24.92	50.00	-25.08	Line
Mode 1	Pass	QP	150.6k	53.41	65.96	-12.55	Neutral
Mode 1	Pass	AV	150.6k	33.63	55.96	-22.33	Neutral
Mode 1	Pass	QP	253.05k	41.03	61.66	-20.63	Neutral
Mode 1	Pass	AV	253.05k	24.52	51.66	-27.14	Neutral
Mode 1	Pass	QP	521.21k	34.66	56.00	-21.34	Neutral
Mode 1	Pass	AV	521.21k	25.87	46.00	-20.13	Neutral
Mode 1	Pass	QP	1.86M	27.82	56.00	-28.18	Neutral
Mode 1	Pass	AV	1.86M	22.61	46.00	-23.39	Neutral
Mode 1	Pass	QP	3.26M	28.76	56.00	-27.24	Neutral
Mode 1	Pass	AV	3.26M	22.11	46.00	-23.89	Neutral
Mode 1	Pass	QP	7.78M	31.49	60.00	-28.51	Neutral
Mode 1	Pass	AV	7.78M	25.02	50.00	-24.98	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	929.5k	863.318k	863KF1D	918.5k	832.084k
BT-EDR(2Mbps)	1.323M	1.188M	1M19G1D	1.309M	1.176M
BT-EDR(3Mbps)	1.337M	1.192M	1M19G1D	1.298M	1.186M

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

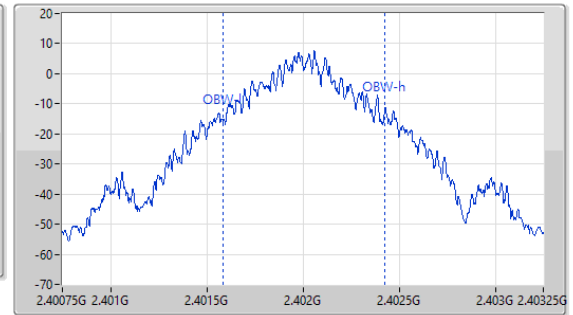
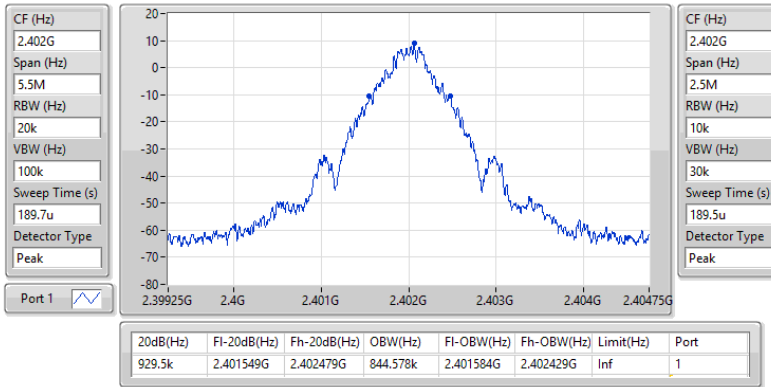
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	929.5k	844.578k
2440MHz	Pass	Inf	921.25k	863.318k
2480MHz	Pass	Inf	918.5k	832.084k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.312M	1.178M
2440MHz	Pass	Inf	1.309M	1.176M
2480MHz	Pass	Inf	1.323M	1.188M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.298M	1.186M
2440MHz	Pass	Inf	1.306M	1.189M
2480MHz	Pass	Inf	1.337M	1.192M

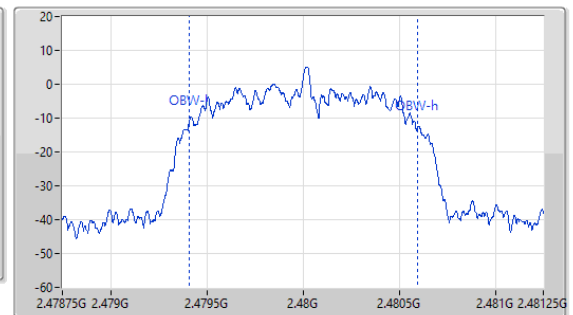
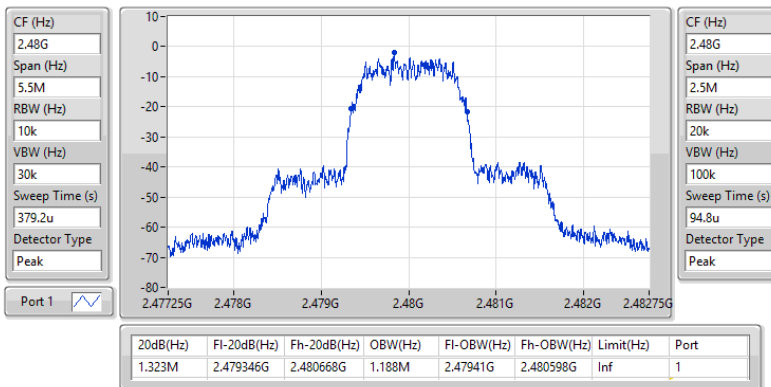
Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

30/05/2026


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

30/05/2026

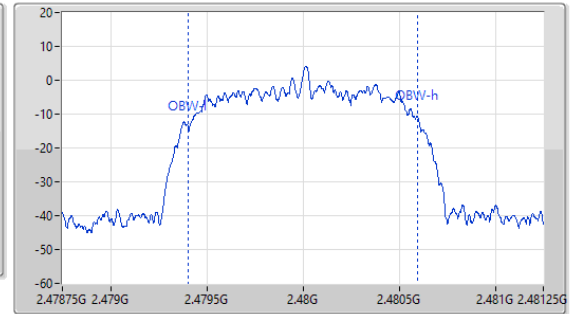
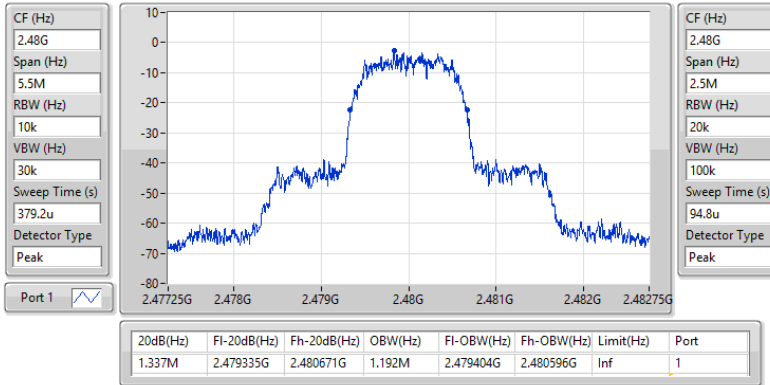


2.4-2.4835GHz_BT-EDR(3Mbps)

EBW-FS

2480MHz

30/05/2026





Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.0035M	1.002M
BT-EDR(2Mbps)	1.0125M	999k
BT-EDR(3Mbps)	1.0035M	993k

Result

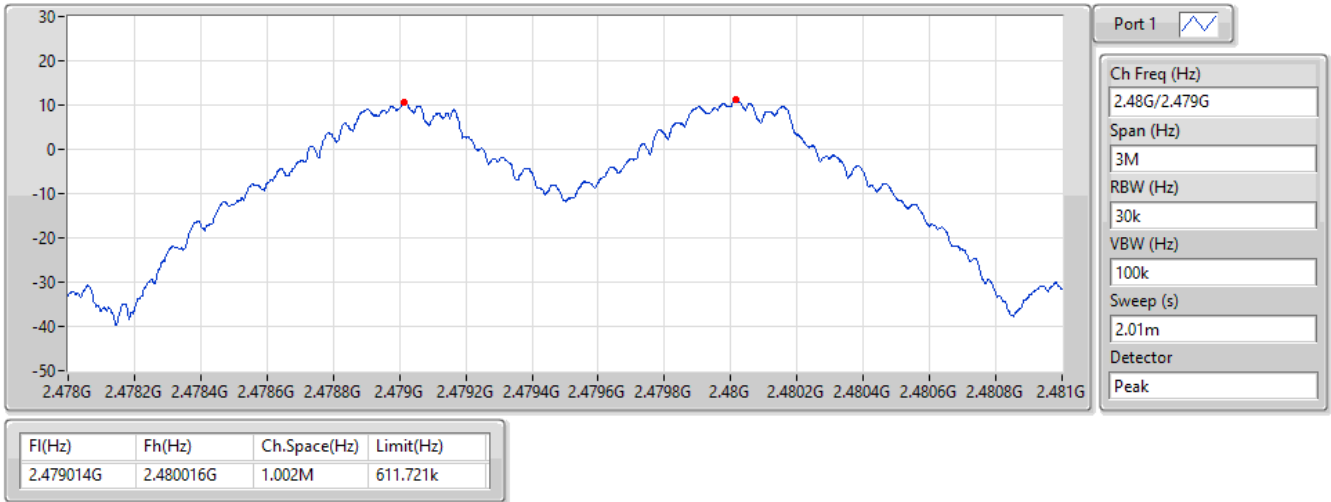
Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.402013G	2.403016G	1.0035M	619.047k
2440MHz	Pass	2.440014G	2.441018G	1.0035M	613.5525k
2480MHz	Pass	2.479014G	2.480016G	1.002M	611.721k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.402016G	2.403018G	1.002M	873.792k
2440MHz	Pass	2.440017G	2.441016G	999k	871.794k
2480MHz	Pass	2.479017G	2.48003G	1.0125M	881.118k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.402014G	2.403018G	1.0035M	864.468k
2440MHz	Pass	2.440016G	2.441016G	1.0005M	869.796k
2480MHz	Pass	2.479023G	2.480016G	993k	890.442k

2.4-2.4835GHz_BT-BR(1Mbps)

Channel Separation-FS

2.48G/2.479GHz

30/05/2026

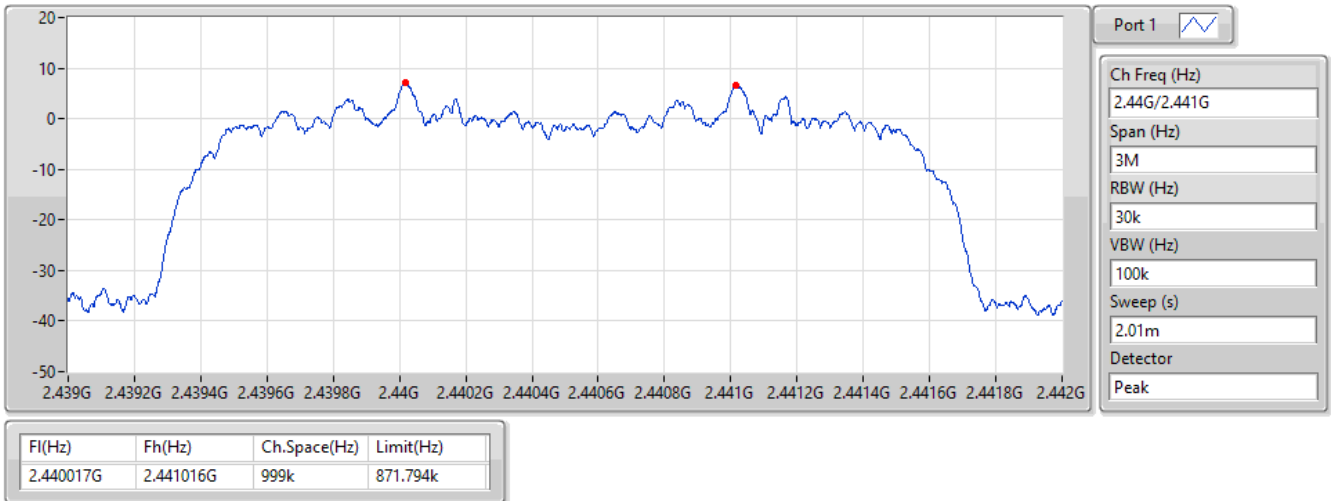


2.4-2.4835GHz_BT-EDR(2Mbps)

Channel Separation-FS

2.44G/2.441GHz

30/05/2026

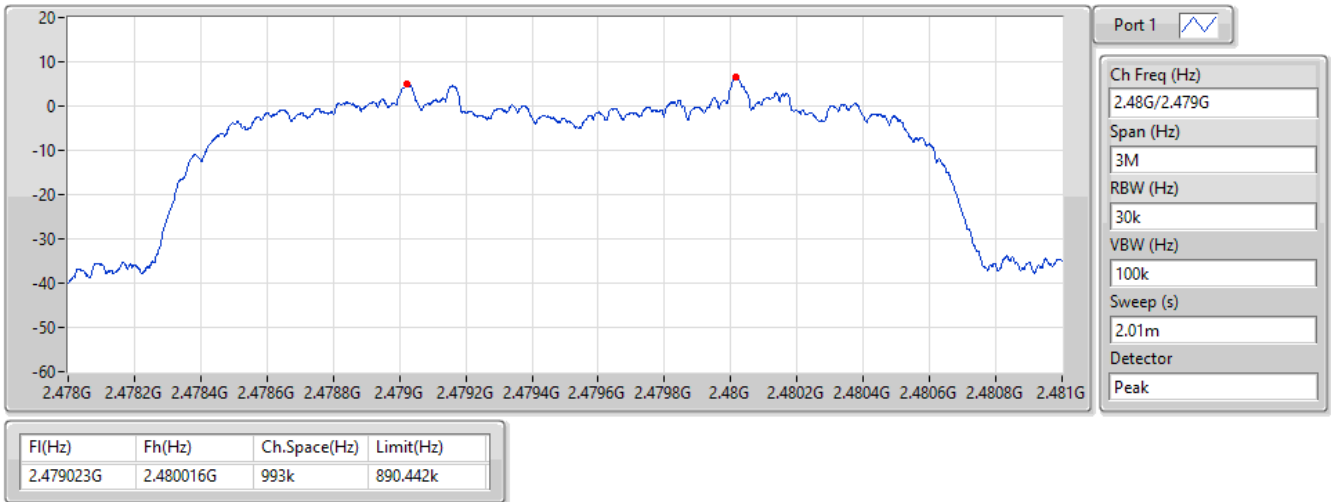


2.4-2.4835GHz_BT-EDR(3Mbps)

Channel Separation-FS

2.48G/2.479GHz

30/05/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	13.92	0.02466
BT-EDR(2Mbps)	11.30	0.01349
BT-EDR(3Mbps)	11.31	0.01352

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	0.88	13.64	21.00
2440MHz	Pass	0.88	13.92	21.00
2480MHz	Pass	0.88	13.60	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	0.88	11.04	21.00
2440MHz	Pass	0.88	11.30	21.00
2480MHz	Pass	0.88	10.75	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	0.88	11.12	21.00
2440MHz	Pass	0.88	11.31	21.00
2480MHz	Pass	0.88	10.96	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)	13.15	0.02065
BT-EDR(2Mbps)	8.35	0.00684
BT-EDR(3Mbps)	8.49	0.00706



Average Power-FHSS

Appendix C.2

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	0.88	13.15	21.00
2440MHz	Pass	0.88	12.41	21.00
2480MHz	Pass	0.88	12.17	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	0.88	8.35	21.00
2440MHz	Pass	0.88	7.12	21.00
2480MHz	Pass	0.88	7.13	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	0.88	8.49	21.00
2440MHz	Pass	0.88	7.36	21.00
2480MHz	Pass	0.88	7.21	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

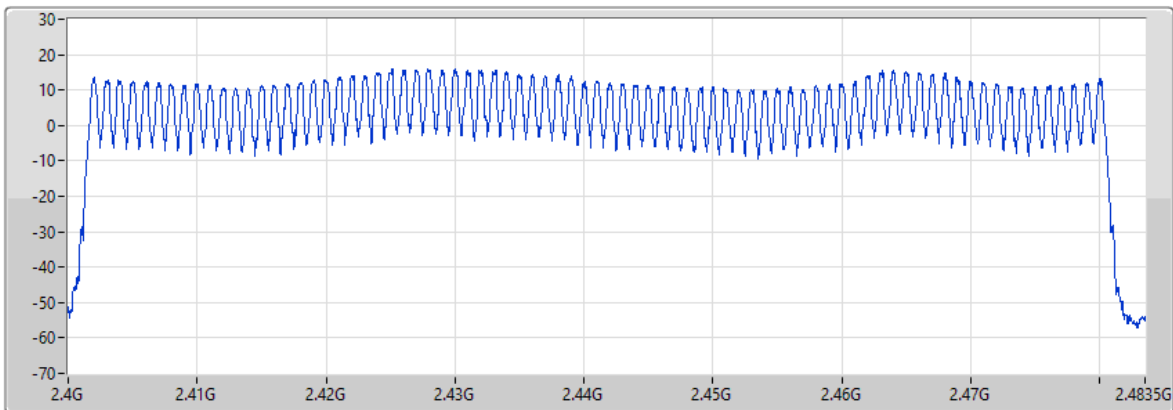
Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2440MHz	Pass	79	15

2.4-2.4835GHz_BT-BR(1Mbps)

Hopping-FS

2440MHz

30/05/2026



Port 1 

Hopping No
79

Span (Hz)
83.5M

RBW (Hz)
100k

VBW (Hz)
300kHz

Sweep (s)
265.3us

Detector
Peak

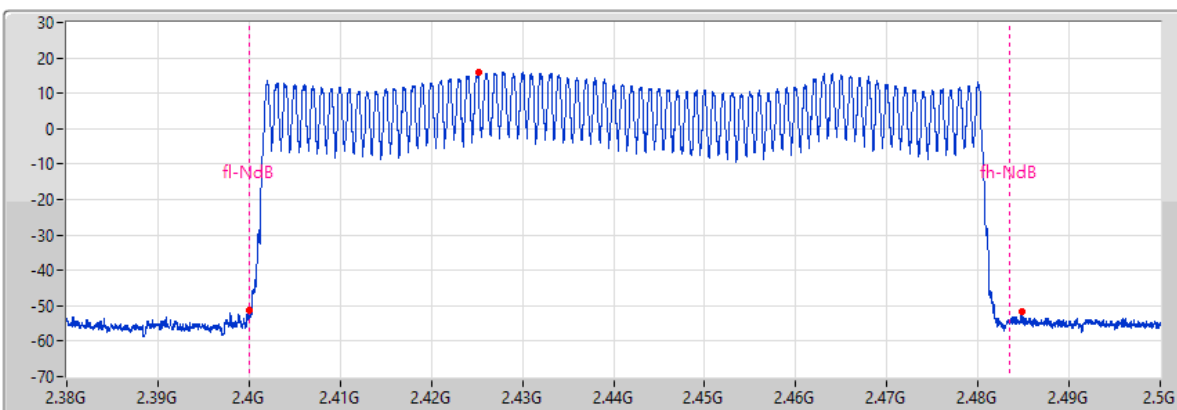
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

30/05/2026



Port 1 

Span (Hz)
120M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep (s)
265.3u

Detector
Peak

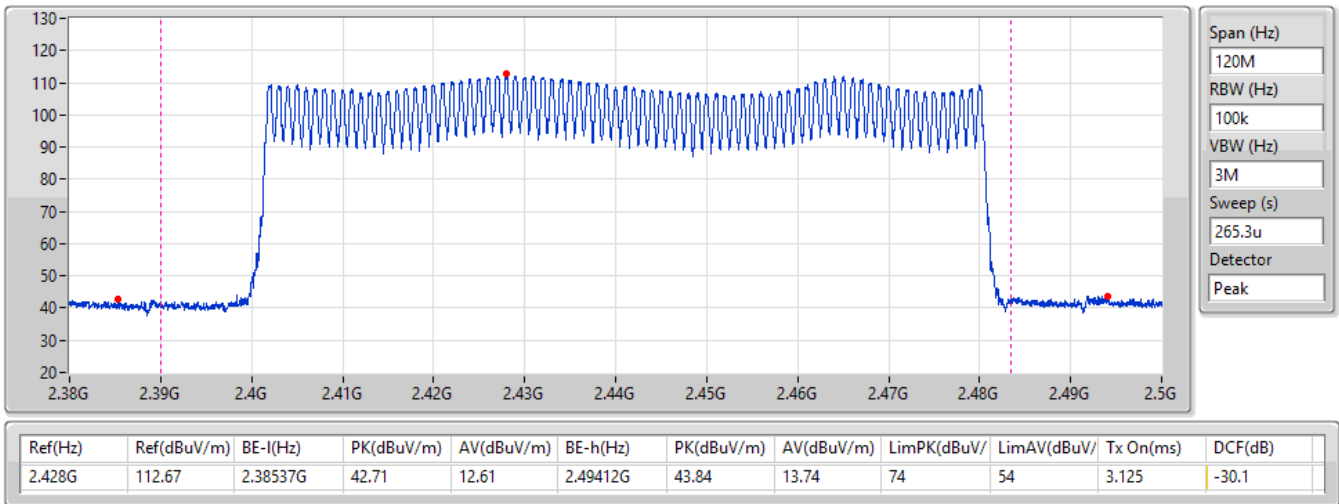
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-3.99	2.42515G	16.01	2.399995G	-51.35	2.484775G	-51.7

2.4-2.4835GHz_BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

30/05/2026

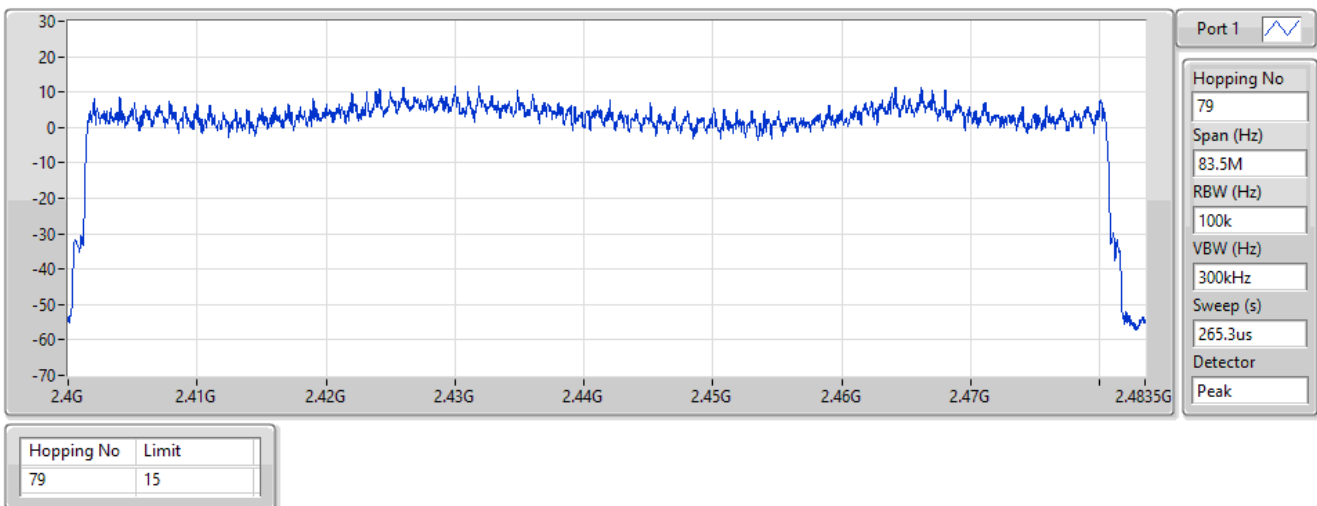


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping-FS

30/05/2026

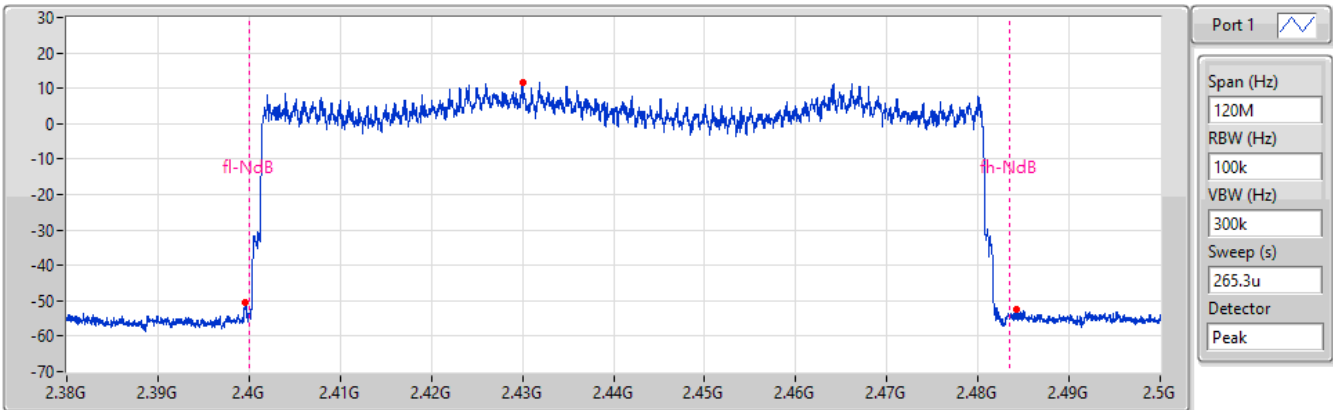


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

30/05/2026

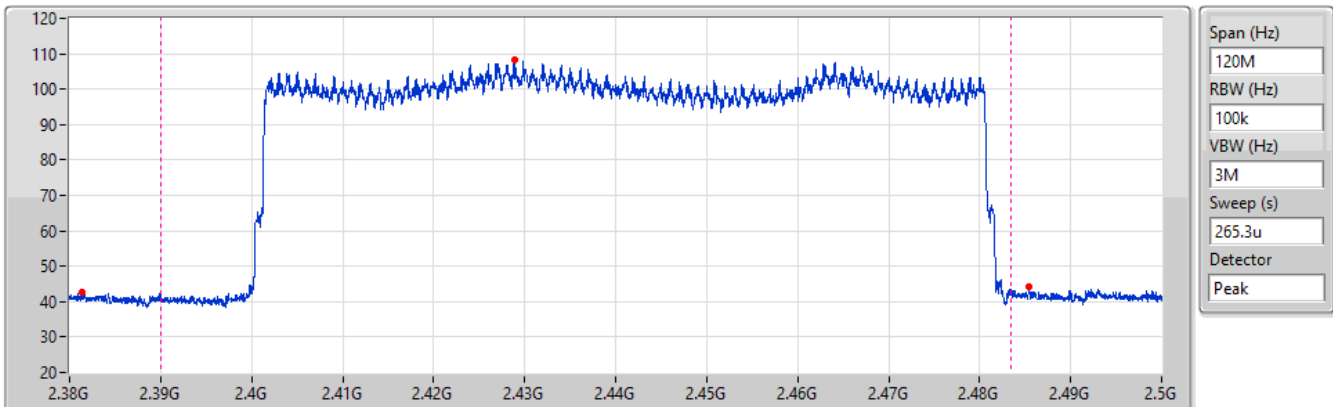


2.4-2.4835GHz_BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

30/05/2026

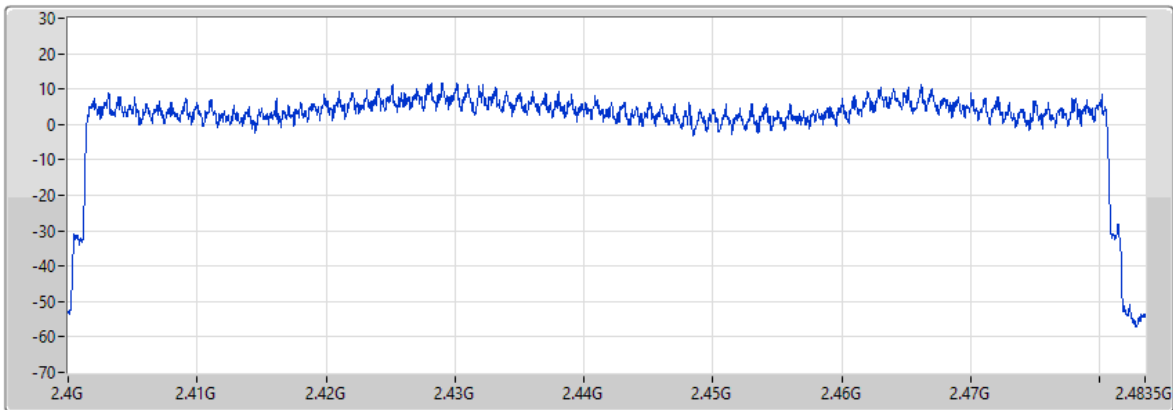


2.4-2.4835GHz_BT-EDR(3Mbps)

Hopping-FS

2440MHz

30/05/2026



Port 1 

Hopping No
79

Span (Hz)
83.5M

RBW (Hz)
100k

VBW (Hz)
300kHz

Sweep (s)
265.3us

Detector
Peak

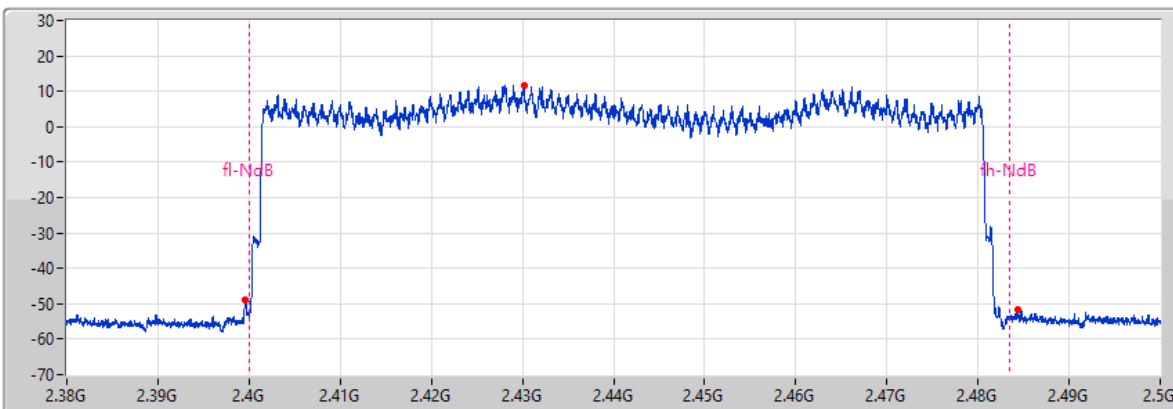
Hopping No	Limit
79	15

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

30/05/2026



Port 1 

Span (Hz)
120M

RBW (Hz)
100k

VBW (Hz)
300k

Sweep (s)
265.3u

Detector
Peak

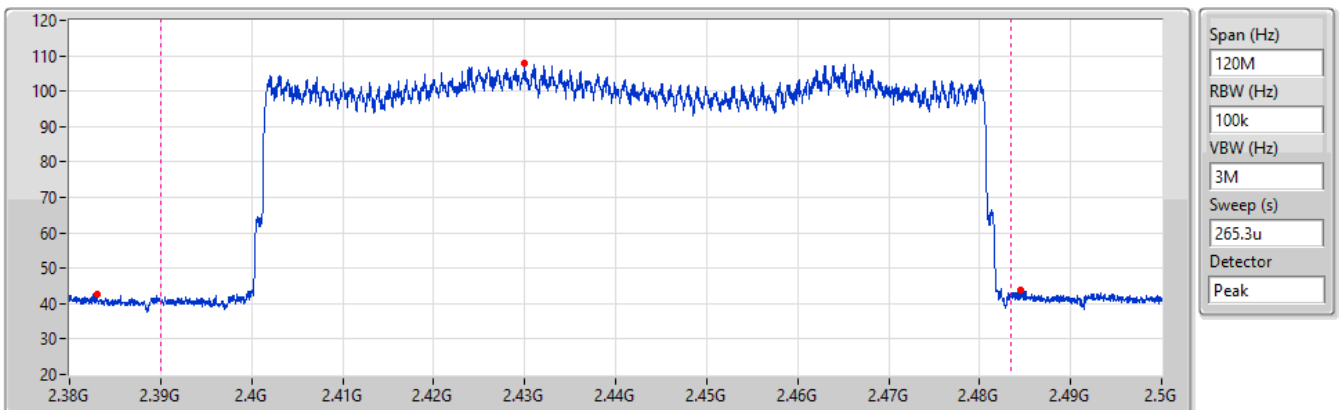
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-8.32	2.430145G	11.68	2.399605G	-48.83	2.484385G	-51.75

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

30/05/2026



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)
2.43001G	107.76	2.383045G	42.81	12.71	2.484475G	43.78	13.68	74	54	3.125	-30.1



Summary

2.4-2.4835GHz	-
BT-BR(1Mbps)	308.607m_DH5
BT-EDR(2Mbps)	308.9268m_DH5
BT-EDR(3Mbps)	308.4471m_DH5

Result

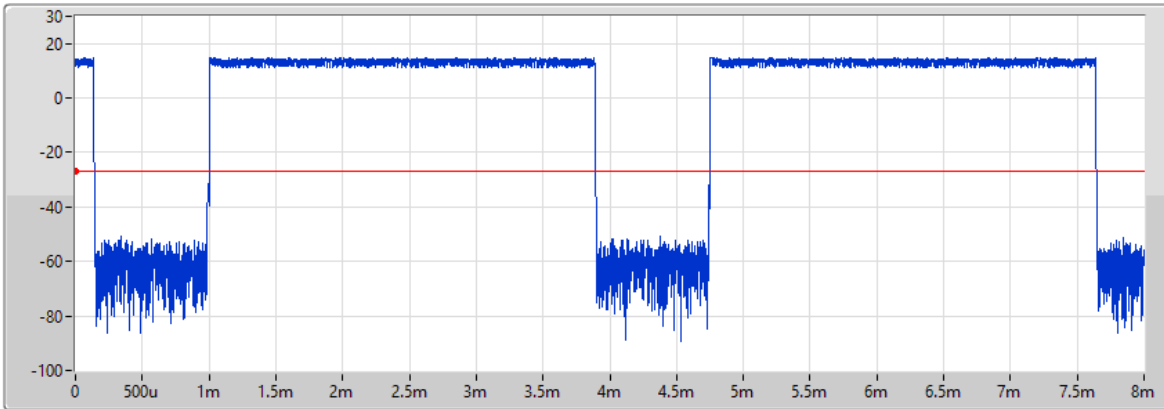
Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.607m_DH5	400m	2.895m
2440MHz	Pass	8	154.343475m_DH5-AFH	400m	2.89575m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.9268m_DH5	400m	2.898m
2440MHz	Pass	8	154.476725m_DH5-AFH	400m	2.89825m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.4471m_DH5	400m	2.8935m
2440MHz	Pass	8	154.22355m_DH5-AFH	400m	2.8935m

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

30/05/2026



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)
31.6	308.607m_DH5	400m	2.895m

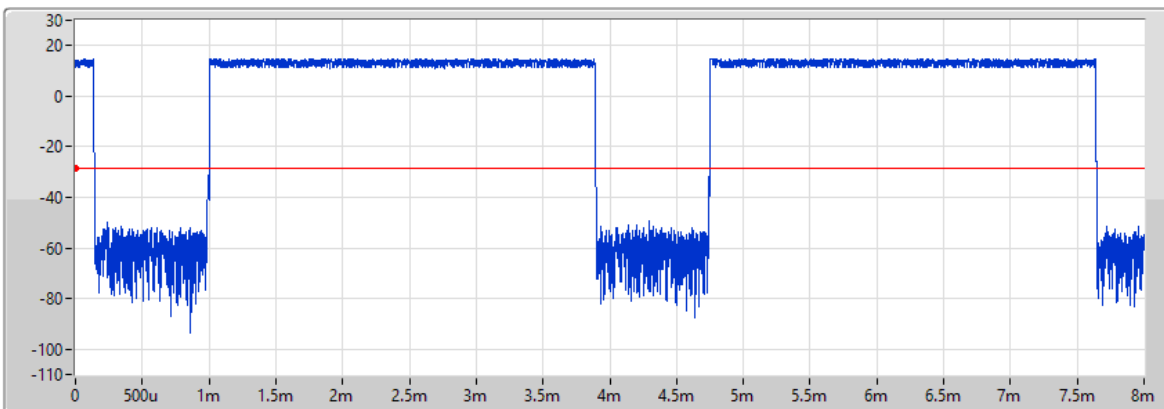
DH5

2.4-2.4835GHz_BT-BR(1Mbps)

Dwell-FS

2440MHz

30/05/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.89575m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.343475m_DH5-AFI	400m	2.89575m

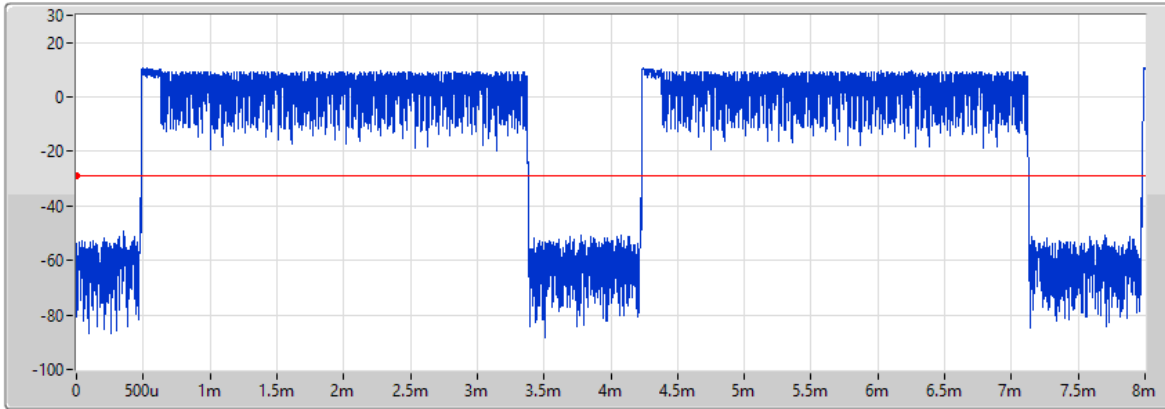
DH5-AFH

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

30/05/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.898m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.9268m_DH5	400m	2.898m

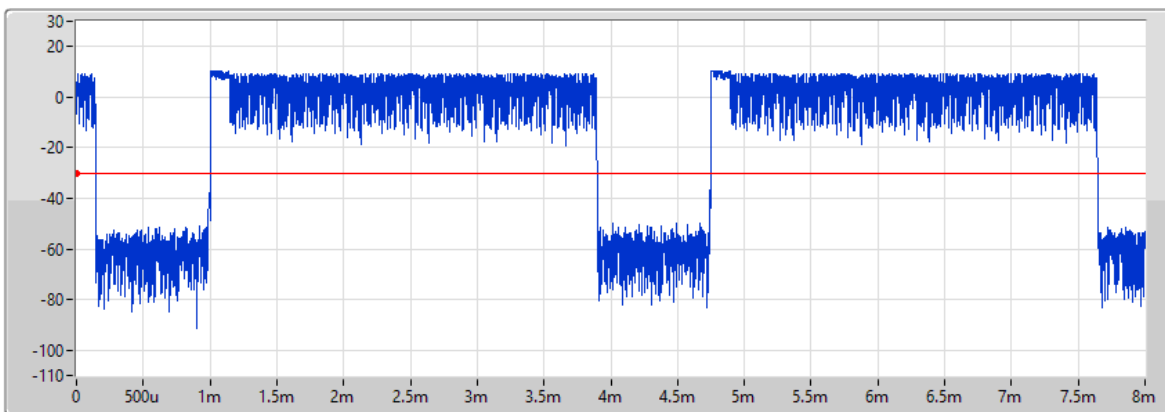
DH5

2.4-2.4835GHz_BT-EDR(2Mbps)

Dwell-FS

2440MHz

30/05/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.89825m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.476725m_DH5-AFI	400m	2.89825m

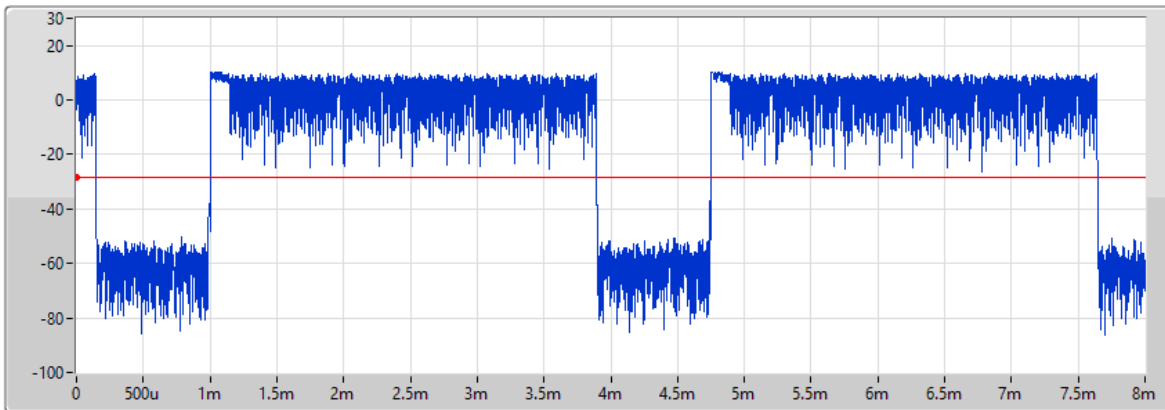
DH5-AFH

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

30/05/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.8935m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.4471m_DH5	400m	2.8935m

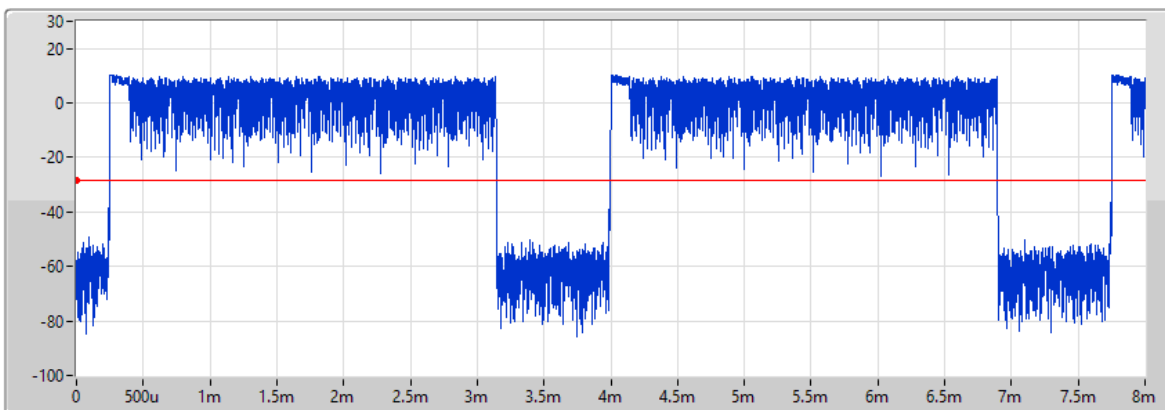
DH5

2.4-2.4835GHz_BT-EDR(3Mbps)

Dwell-FS

2440MHz

30/05/2026



Port 1 

Ch Freq (Hz)
2.44G

RBW (Hz)
300k

VBW (Hz)
1M

Sweep Time (s)
8m

TX Time (s)
2.8935m

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.22355m_DH5-AFH	400m	2.8935m

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	2.402G	13.42	-6.58	2.17555G	-55.02	2.39996G	-43.56	2.4G	-41.37	2.50326G	-53.50	17.61271G	-41.44	1
BT-EDR(2Mbps)	Pass	2.40217G	8.34	-11.66	2.15793G	-54.59	2.4G	-48.56	2.4G	-46.17	2.50098G	-54.29	16.20949G	-41.56	1
BT-EDR(3Mbps)	Pass	2.40184G	8.70	-11.30	2.18965G	-55.55	2.39988G	-47.54	2.4G	-46.38	2.50138G	-52.80	17.61552G	-42.71	1

Result

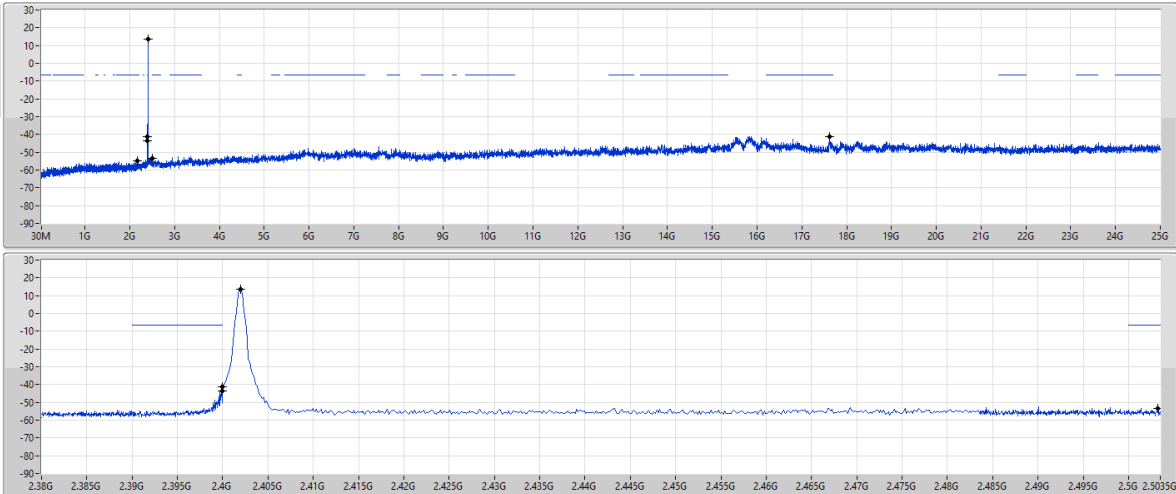
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	13.42	-6.58	2.17555G	-55.02	2.39996G	-43.56	2.4G	-41.37	2.50326G	-53.50	17.61271G	-41.44	1
2440MHz	Pass	2.44108G	12.95	-7.05	2.1497G	-55.38	2.39968G	-53.98	2.4G	-55.26	2.50238G	-53.71	16.22355G	-41.99	1
2480MHz	Pass	2.48016G	12.67	-7.33	872.48M	-55.88	2.39268G	-54.07	2.4G	-55.02	2.50222G	-53.73	17.60428G	-43.47	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40217G	8.34	-11.66	2.15793G	-54.59	2.4G	-48.56	2.4G	-46.17	2.50098G	-54.29	16.20949G	-41.56	1
2440MHz	Pass	2.44008G	8.87	-11.13	2.30598G	-54.50	2.39312G	-53.49	2.4G	-53.91	2.50046G	-54.02	16.90407G	-42.47	1
2480MHz	Pass	2.48016G	8.30	-11.70	2.1779G	-54.82	2.3976G	-53.77	2.4G	-56.01	2.50074G	-53.05	16.20387G	-42.69	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	8.70	-11.30	2.18965G	-55.55	2.39988G	-47.54	2.4G	-46.38	2.50138G	-52.80	17.61552G	-42.71	1
2440MHz	Pass	2.43975G	8.20	-11.80	2.17438G	-55.46	2.39488G	-54.16	2.4G	-54.70	2.50278G	-53.81	17.61552G	-43.06	1
2480MHz	Pass	2.48016G	8.70	-11.30	2.1262G	-55.55	2.39996G	-54.37	2.4G	-55.24	2.50254G	-53.93	17.60146G	-42.37	1

2.4-2.4835GHz_BT-BR(1Mbps)

CSENdb-FS

2402MHz

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



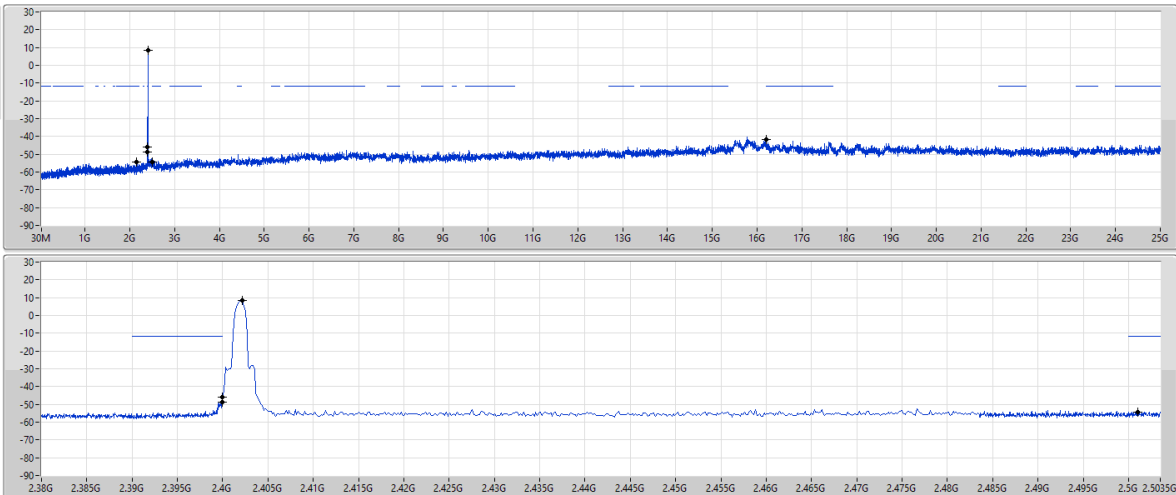
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.402G	13.42	-6.58	2.17555G	-55.02	2.39996G	-43.36	2.4G	-41.37	2.50326G	-53.50	17.61271G	-41.44	1

2.4-2.4835GHz_BT-EDR(2Mbps)

CSENdb-FS

2402MHz

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
2.402176	8.34	-11.66	2.15793G	-54.59	2.4G	-48.36	2.4G	-46.17	2.50098G	-54.29	16.20949G	-41.56	1

2.4-2.4835GHz_BT-EDR(3Mbps)

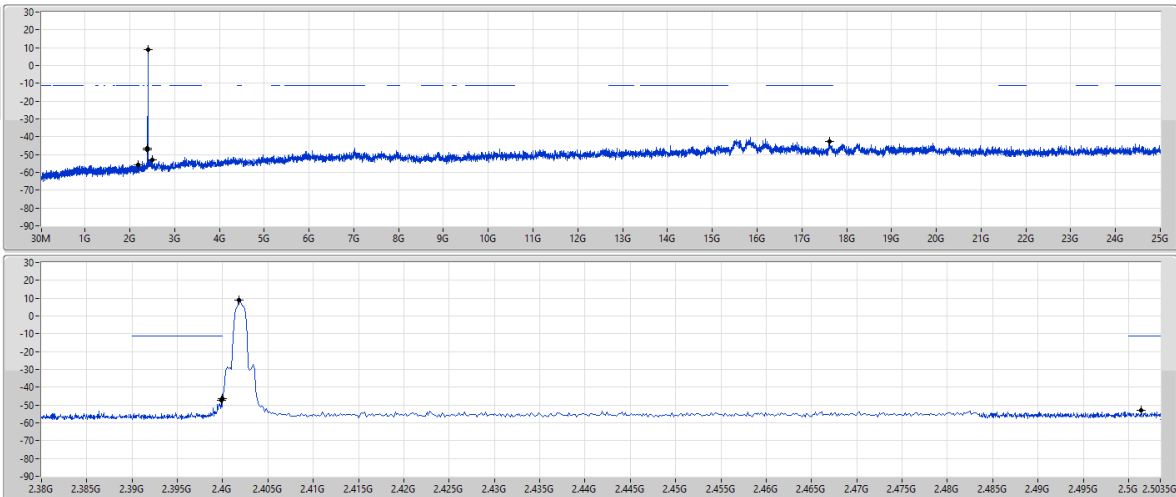
CSEndB-FS

2402MHz

30/05/2026

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
2.40184G	8.70	-11.30	2.18965G	-55.55	2.39988G	-47.54	2.4G	-46.38	2.50138G	-52.80	17.61552G	-42.71	1



Summary

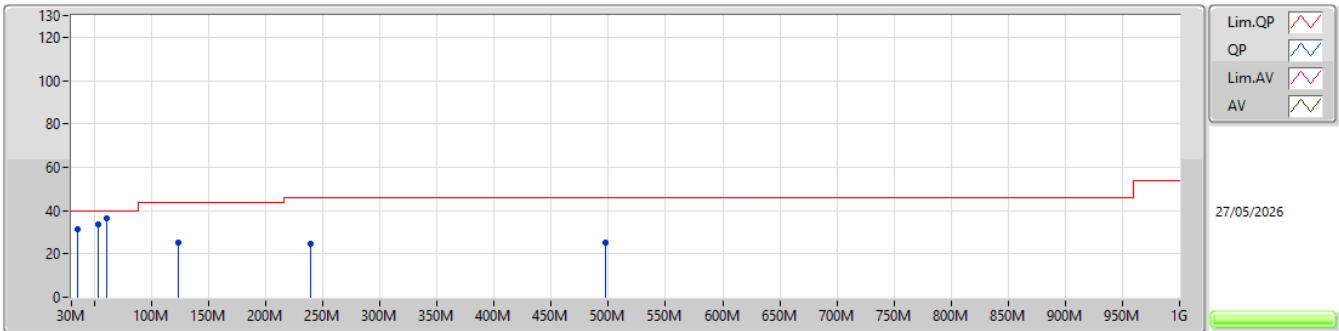
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-EDR(3Mbps)	Pass	PK	61.04M	36.19	40.00	-3.81	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	35.82M	31.12	40.00	-8.88	3	Vertical	0	1.00
2440MHz	Pass	PK	53.28M	33.71	40.00	-6.29	3	Vertical	0	1.00
2440MHz	Pass	PK	61.04M	36.19	40.00	-3.81	3	Vertical	0	1.00
2440MHz	Pass	PK	123.12M	25.10	43.50	-18.40	3	Vertical	0	1.00
2440MHz	Pass	PK	239.52M	24.92	46.00	-21.08	3	Vertical	0	1.00
2440MHz	Pass	PK	497.54M	25.14	46.00	-20.86	3	Vertical	0	1.00
2440MHz	Pass	PK	61.04M	32.74	40.00	-7.26	3	Horizontal	360	1.00
2440MHz	Pass	PK	121.18M	36.46	43.50	-7.04	3	Horizontal	360	1.00
2440MHz	Pass	PK	150.28M	28.40	43.50	-15.10	3	Horizontal	360	1.00
2440MHz	Pass	PK	237.58M	29.66	46.00	-16.34	3	Horizontal	360	1.00
2440MHz	Pass	PK	373.38M	24.82	46.00	-21.18	3	Horizontal	360	1.00
2440MHz	Pass	PK	542.16M	27.56	46.00	-18.44	3	Horizontal	360	1.00

2.4-2.4835GHz_BT-EDR(3Mbps)

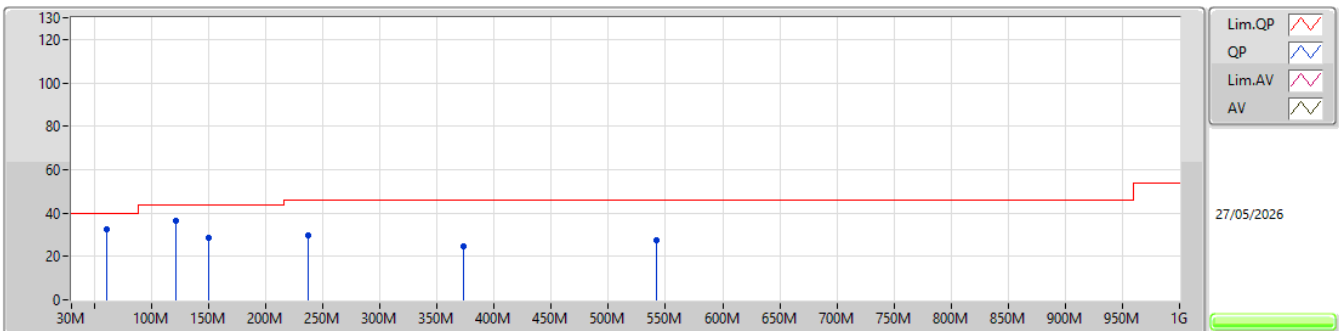
2440MHz_USB



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	35.82M	31.12	40.00	-8.88	-6.54	3	Vertical	0	1.00	37.66	20.32	0.49	27.35
PK	53.28M	33.71	40.00	-6.29	-14.78	3	Vertical	0	1.00	48.49	11.88	0.64	27.30
PK	61.04M	36.19	40.00	-3.81	-15.29	3	Vertical	0	1.00	51.48	11.30	0.70	27.29
PK	123.12M	25.10	43.50	-18.40	-8.92	3	Vertical	0	1.00	34.02	17.25	0.94	27.11
PK	239.52M	24.92	46.00	-21.08	-9.14	3	Vertical	0	1.00	34.06	16.21	1.25	26.60
PK	497.54M	25.14	46.00	-20.86	-3.85	3	Vertical	0	1.00	28.99	22.45	1.77	28.07

2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_USB



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	61.04M	32.74	40.00	-7.26	-15.29	3	Horizontal	360	1.00	48.03	11.30	0.70	27.29
PK	121.18M	36.46	43.50	-7.04	-8.94	3	Horizontal	360	1.00	45.40	17.25	0.93	27.12
PK	150.28M	28.40	43.50	-15.10	-10.63	3	Horizontal	360	1.00	39.03	15.37	1.01	27.01
PK	237.58M	29.66	46.00	-16.34	-9.34	3	Horizontal	360	1.00	39.00	16.02	1.25	26.61
PK	373.38M	24.82	46.00	-21.18	-5.83	3	Horizontal	360	1.00	30.65	19.83	1.50	27.16
PK	542.16M	27.56	46.00	-18.44	-2.68	3	Horizontal	360	1.00	30.24	23.67	1.80	28.15



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	2.4936G	58.10	74.00	-15.90	3	Horizontal	28	1.33
BT-EDR(3Mbps)	Pass	PK	2.386G	58.35	74.00	-15.65	3	Vertical	101	2.91

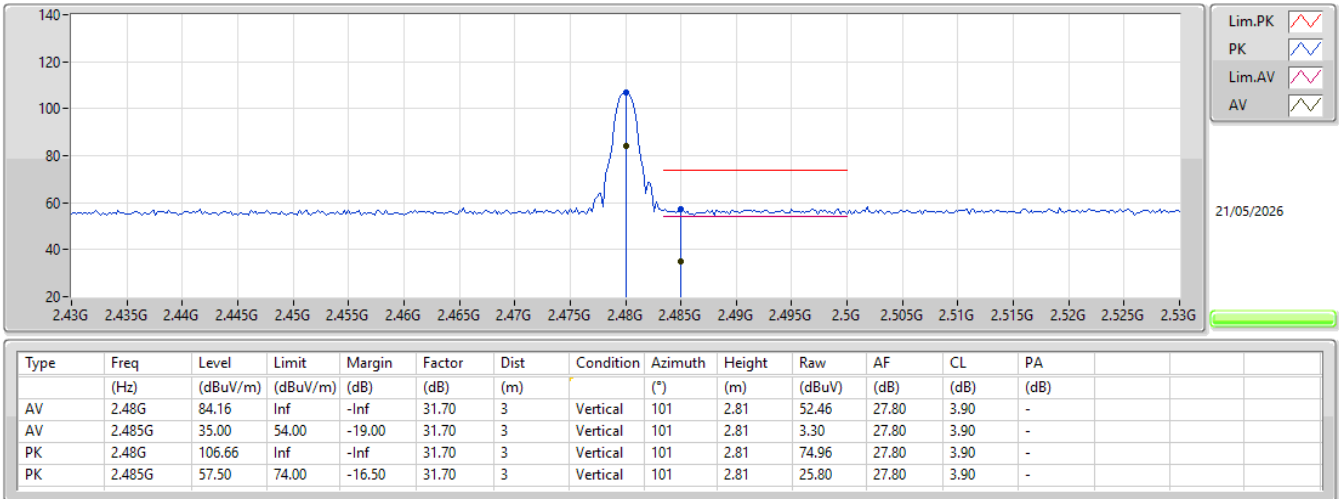
Result

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	2.3712G	34.83	54.00	-19.17	3	Vertical	77	3.00
2402MHz	Pass	AV	2.4022G	83.27	Inf	-Inf	3	Vertical	77	3.00
2402MHz	Pass	PK	2.3712G	57.33	74.00	-16.67	3	Vertical	77	3.00
2402MHz	Pass	PK	2.4022G	105.77	Inf	-Inf	3	Vertical	77	3.00
2402MHz	Pass	AV	2.3636G	34.38	54.00	-19.62	3	Horizontal	55	1.36
2402MHz	Pass	AV	2.402G	86.08	Inf	-Inf	3	Horizontal	55	1.36
2402MHz	Pass	PK	2.3636G	56.88	74.00	-17.12	3	Horizontal	55	1.36
2402MHz	Pass	PK	2.402G	108.58	Inf	-Inf	3	Horizontal	55	1.36
2402MHz	Pass	AV	4.80384G	26.82	54.00	-27.18	3	Vertical	346	1.11
2402MHz	Pass	PK	4.80384G	49.32	74.00	-24.68	3	Vertical	346	1.11
2402MHz	Pass	AV	4.80372G	26.54	54.00	-27.46	3	Horizontal	35	1.17
2402MHz	Pass	PK	4.80372G	49.04	74.00	-24.96	3	Horizontal	35	1.17
2440MHz	Pass	AV	2.372G	34.55	54.00	-19.45	3	Vertical	102	2.93
2440MHz	Pass	AV	2.44G	83.54	Inf	-Inf	3	Vertical	102	2.93
2440MHz	Pass	AV	2.492G	34.97	54.00	-19.03	3	Vertical	102	2.93
2440MHz	Pass	PK	2.372G	57.05	74.00	-16.95	3	Vertical	102	2.93
2440MHz	Pass	PK	2.44G	106.04	Inf	-Inf	3	Vertical	102	2.93
2440MHz	Pass	PK	2.492G	57.47	74.00	-16.53	3	Vertical	102	2.93
2440MHz	Pass	AV	2.374G	35.30	54.00	-18.70	3	Horizontal	35	1.35
2440MHz	Pass	AV	2.44G	83.91	Inf	-Inf	3	Horizontal	35	1.35
2440MHz	Pass	AV	2.4976G	35.15	54.00	-18.85	3	Horizontal	35	1.35
2440MHz	Pass	PK	2.374G	57.80	74.00	-16.20	3	Horizontal	35	1.35
2440MHz	Pass	PK	2.44G	106.41	Inf	-Inf	3	Horizontal	35	1.35
2440MHz	Pass	PK	2.4976G	57.65	74.00	-16.35	3	Horizontal	35	1.35
2440MHz	Pass	AV	4.88032G	25.65	54.00	-28.35	3	Vertical	340	1.11
2440MHz	Pass	PK	4.88032G	48.15	74.00	-25.85	3	Vertical	340	1.11
2440MHz	Pass	AV	4.88012G	26.12	54.00	-27.88	3	Horizontal	136	2.75
2440MHz	Pass	PK	4.88012G	48.62	74.00	-25.38	3	Horizontal	136	2.75
2480MHz	Pass	AV	2.48G	84.16	Inf	-Inf	3	Vertical	101	2.81
2480MHz	Pass	AV	2.485G	35.00	54.00	-19.00	3	Vertical	101	2.81
2480MHz	Pass	PK	2.48G	106.66	Inf	-Inf	3	Vertical	101	2.81
2480MHz	Pass	PK	2.485G	57.50	74.00	-16.50	3	Vertical	101	2.81
2480MHz	Pass	AV	2.48G	83.58	Inf	-Inf	3	Horizontal	28	1.33
2480MHz	Pass	AV	2.4936G	35.60	54.00	-18.40	3	Horizontal	28	1.33
2480MHz	Pass	PK	2.48G	106.08	Inf	-Inf	3	Horizontal	28	1.33
2480MHz	Pass	PK	2.4936G	58.10	74.00	-15.90	3	Horizontal	28	1.33
2480MHz	Pass	AV	4.96011G	27.60	54.00	-26.40	3	Vertical	335	1.22
2480MHz	Pass	PK	4.96011G	50.10	74.00	-23.90	3	Vertical	335	1.22
2480MHz	Pass	AV	4.95963G	26.26	54.00	-27.74	3	Horizontal	29	1.29
2480MHz	Pass	PK	4.95963G	48.76	74.00	-25.24	3	Horizontal	29	1.29
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3682G	35.62	54.00	-18.38	3	Vertical	214	1.50
2402MHz	Pass	AV	2.402G	76.94	Inf	-Inf	3	Vertical	214	1.50
2402MHz	Pass	PK	2.3682G	58.12	74.00	-15.88	3	Vertical	214	1.50
2402MHz	Pass	PK	2.402G	99.44	Inf	-Inf	3	Vertical	214	1.50
2402MHz	Pass	AV	2.3666G	34.69	54.00	-19.31	3	Horizontal	26	1.35
2402MHz	Pass	AV	2.402G	79.31	Inf	-Inf	3	Horizontal	26	1.35
2402MHz	Pass	PK	2.3666G	57.19	74.00	-16.81	3	Horizontal	26	1.35
2402MHz	Pass	PK	2.402G	101.81	Inf	-Inf	3	Horizontal	26	1.35
2402MHz	Pass	AV	4.80381G	22.84	54.00	-31.16	3	Vertical	336	1.17
2402MHz	Pass	PK	4.80381G	45.34	74.00	-28.66	3	Vertical	336	1.17
2402MHz	Pass	AV	4.80384G	22.76	54.00	-31.24	3	Horizontal	142	1.23
2402MHz	Pass	PK	4.80384G	45.26	74.00	-28.74	3	Horizontal	142	1.23
2440MHz	Pass	AV	2.386G	35.85	54.00	-18.15	3	Vertical	101	2.91
2440MHz	Pass	AV	2.44G	79.48	Inf	-Inf	3	Vertical	101	2.91
2440MHz	Pass	AV	2.4924G	34.71	54.00	-19.29	3	Vertical	101	2.91
2440MHz	Pass	PK	2.386G	58.35	74.00	-15.65	3	Vertical	101	2.91
2440MHz	Pass	PK	2.44G	101.98	Inf	-Inf	3	Vertical	101	2.91
2440MHz	Pass	PK	2.4924G	57.21	74.00	-16.79	3	Vertical	101	2.91
2440MHz	Pass	AV	2.3604G	34.79	54.00	-19.21	3	Horizontal	21	1.37

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2440MHz	Pass	AV	2.44G	79.19	Inf	-Inf	3	Horizontal	21	1.37
2440MHz	Pass	AV	2.4904G	34.64	54.00	-19.36	3	Horizontal	21	1.37
2440MHz	Pass	PK	2.3604G	57.29	74.00	-16.71	3	Horizontal	21	1.37
2440MHz	Pass	PK	2.44G	101.69	Inf	-Inf	3	Horizontal	21	1.37
2440MHz	Pass	PK	2.4904G	57.14	74.00	-16.86	3	Horizontal	21	1.37
2440MHz	Pass	AV	4.87917G	21.11	54.00	-32.89	3	Vertical	335	1.11
2440MHz	Pass	PK	4.87917G	43.61	74.00	-30.39	3	Vertical	335	1.11
2440MHz	Pass	AV	4.87975G	22.67	54.00	-31.33	3	Horizontal	136	2.75
2440MHz	Pass	PK	4.87975G	45.17	74.00	-28.83	3	Horizontal	136	2.75
2480MHz	Pass	AV	2.48G	80.51	Inf	-Inf	3	Vertical	100	2.81
2480MHz	Pass	AV	2.4846G	35.50	54.00	-18.50	3	Vertical	100	2.81
2480MHz	Pass	PK	2.48G	103.01	Inf	-Inf	3	Vertical	100	2.81
2480MHz	Pass	PK	2.4846G	58.00	74.00	-16.00	3	Vertical	100	2.81
2480MHz	Pass	AV	2.48G	79.82	Inf	-Inf	3	Horizontal	28	1.32
2480MHz	Pass	AV	2.4954G	34.94	54.00	-19.06	3	Horizontal	28	1.32
2480MHz	Pass	PK	2.48G	102.32	Inf	-Inf	3	Horizontal	28	1.32
2480MHz	Pass	PK	2.4954G	57.44	74.00	-16.56	3	Horizontal	28	1.32
2480MHz	Pass	AV	4.96013G	23.82	54.00	-30.18	3	Vertical	343	1.20
2480MHz	Pass	PK	4.96013G	46.32	74.00	-27.68	3	Vertical	343	1.20
2480MHz	Pass	AV	4.96005G	23.65	54.00	-30.35	3	Horizontal	34	1.22
2480MHz	Pass	PK	4.96005G	46.15	74.00	-27.85	3	Horizontal	34	1.22

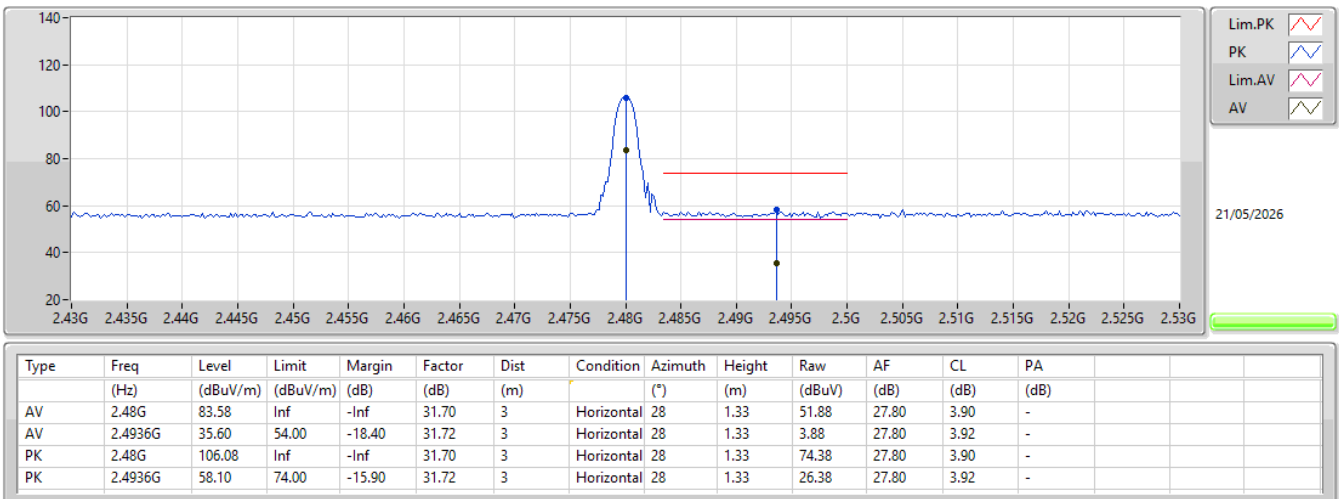
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



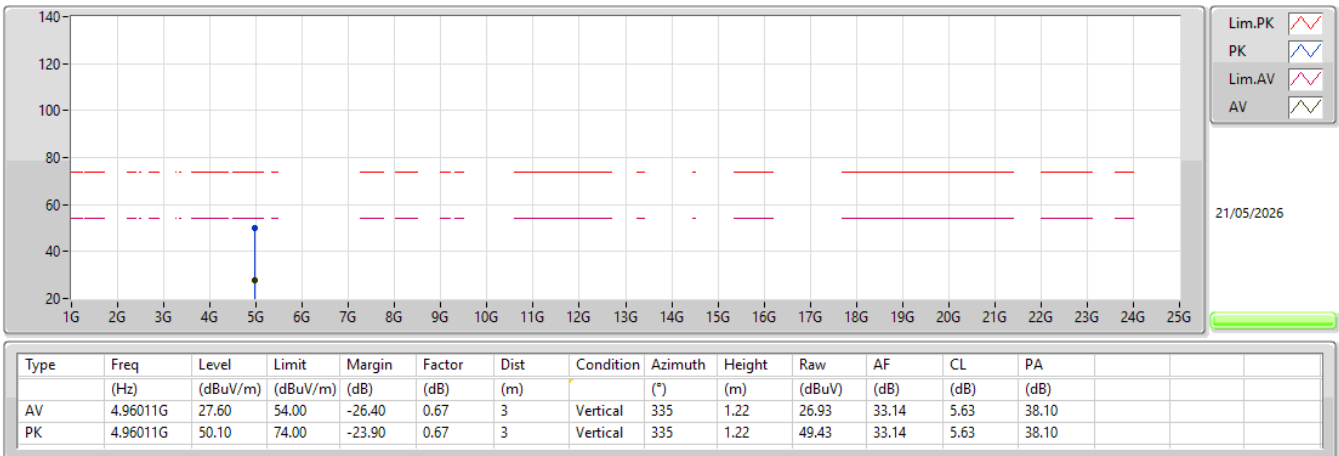
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



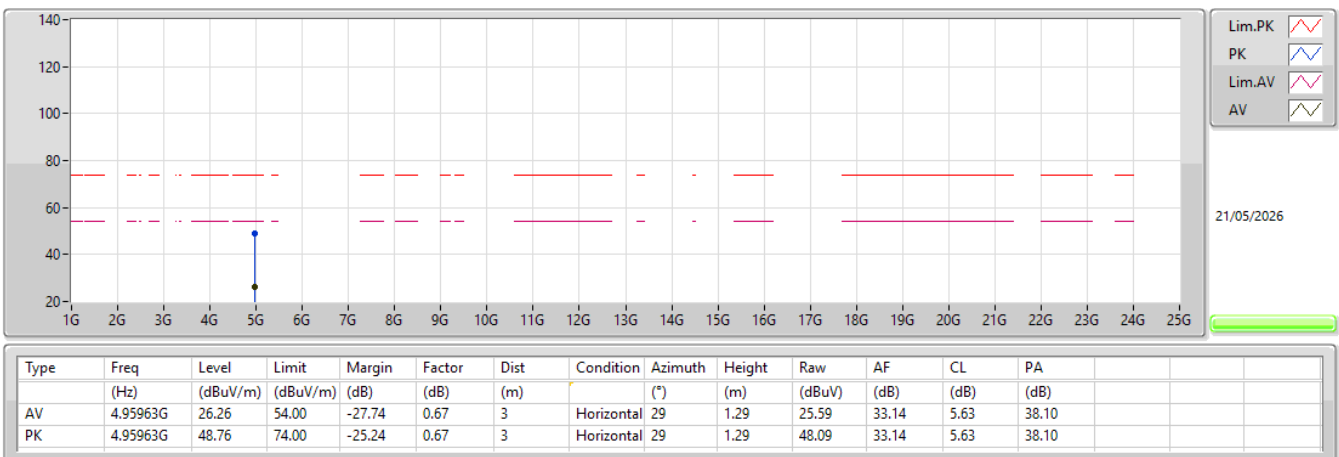
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



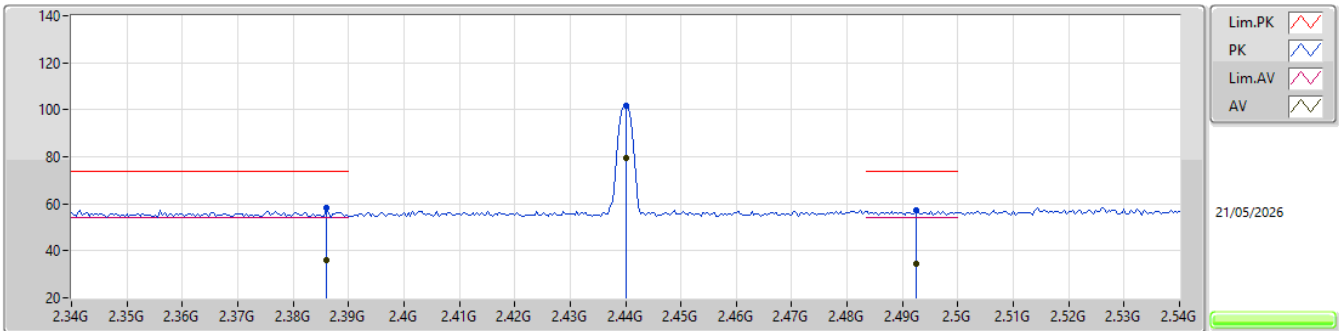
2.4-2.4835GHz_BT-BR(1Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-EDR(3Mbps)

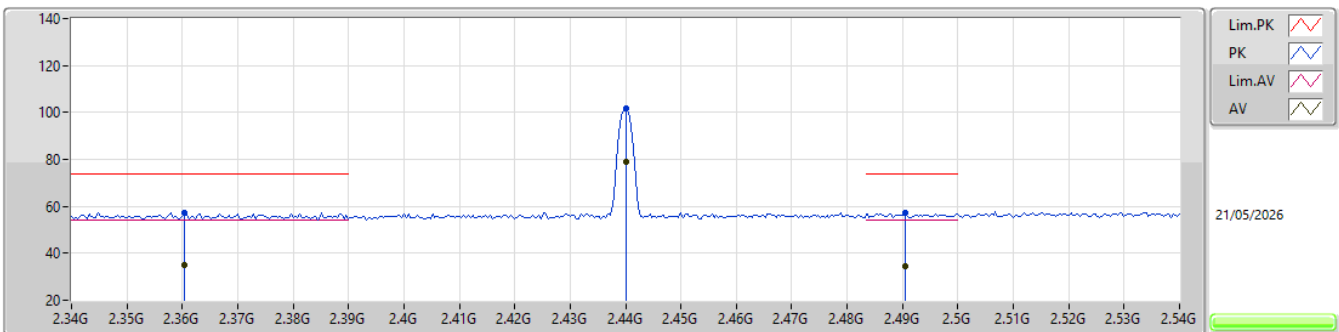
2440MHz_TX



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	2.386G	35.85	54.00	-18.15	31.07	3	Vertical	101	2.91	4.78	27.30	3.77	-
AV	2.44G	79.48	Inf	-Inf	31.34	3	Vertical	101	2.91	48.14	27.50	3.84	-
AV	2.4924G	34.71	54.00	-19.29	31.71	3	Vertical	101	2.91	3.00	27.80	3.91	-
PK	2.386G	58.35	74.00	-15.65	31.07	3	Vertical	101	2.91	27.28	27.30	3.77	-
PK	2.44G	101.98	Inf	-Inf	31.34	3	Vertical	101	2.91	70.64	27.50	3.84	-
PK	2.4924G	57.21	74.00	-16.79	31.71	3	Vertical	101	2.91	25.50	27.80	3.91	-

2.4-2.4835GHz_BT-EDR(3Mbps)

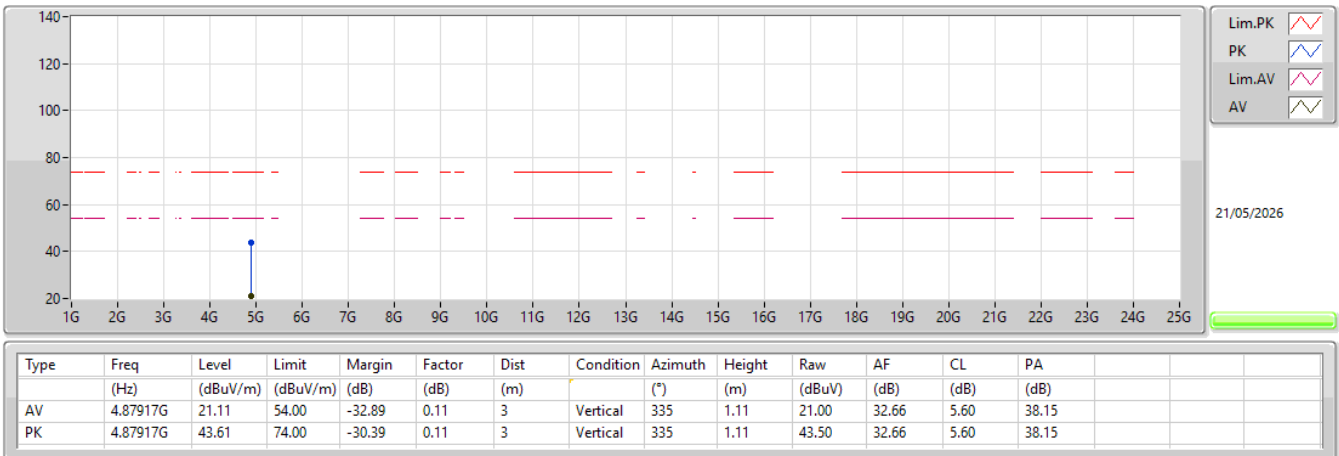
2440MHz_TX



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	2.3604G	34.79	54.00	-19.21	31.04	3	Horizontal	21	1.37	3.75	27.30	3.74	-
AV	2.44G	79.19	Inf	-Inf	31.34	3	Horizontal	21	1.37	47.85	27.50	3.84	-
AV	2.4904G	34.64	54.00	-19.36	31.71	3	Horizontal	21	1.37	2.93	27.80	3.91	-
PK	2.3604G	57.29	74.00	-16.71	31.04	3	Horizontal	21	1.37	26.25	27.30	3.74	-
PK	2.44G	101.69	Inf	-Inf	31.34	3	Horizontal	21	1.37	70.35	27.50	3.84	-
PK	2.4904G	57.14	74.00	-16.86	31.71	3	Horizontal	21	1.37	25.43	27.80	3.91	-

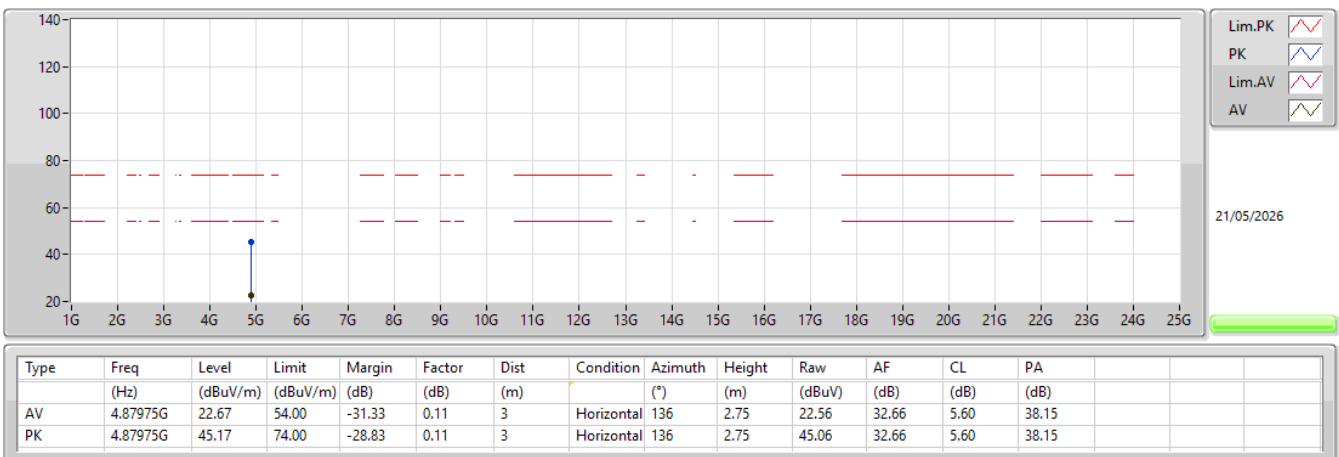
2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX



2.4-2.4835GHz_BT-EDR(3Mbps)

2440MHz_TX





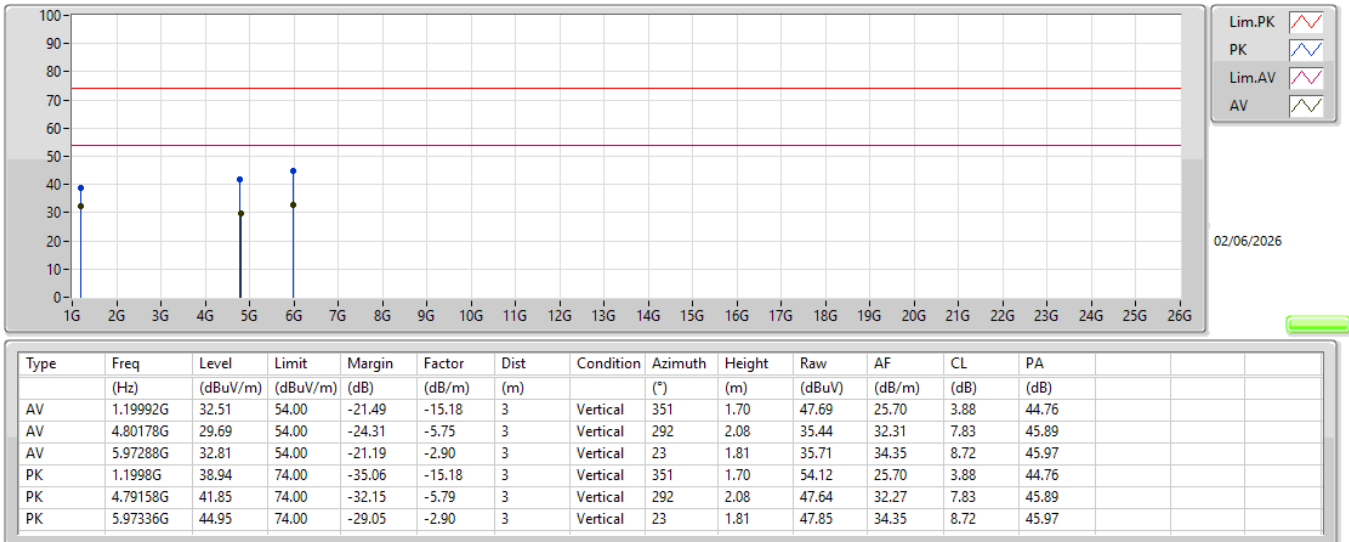
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	7.99616G	38.16	54.00	-15.84	Horizontal
Mode 2	Pass	AV	11.49152G	44.03	54.00	-9.97	Horizontal

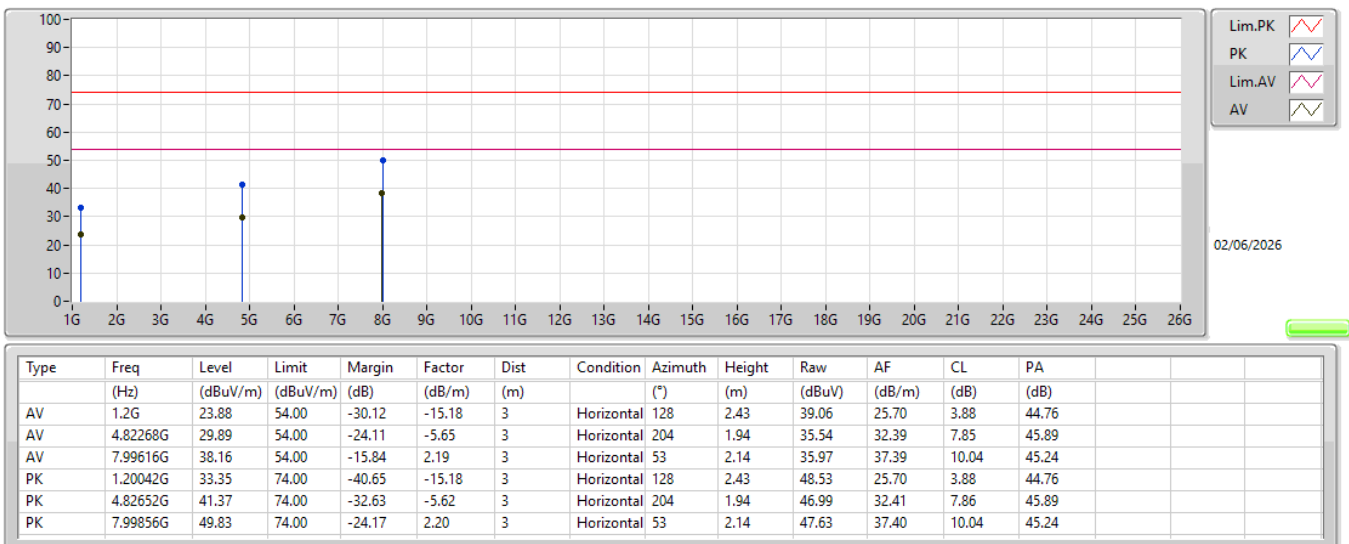
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.19992G	32.51	54.00	-21.49	3	Vertical	351	1.70
Mode 1	Pass	AV	4.80178G	29.69	54.00	-24.31	3	Vertical	292	2.08
Mode 1	Pass	AV	5.97288G	32.81	54.00	-21.19	3	Vertical	23	1.81
Mode 1	Pass	PK	1.1998G	38.94	74.00	-35.06	3	Vertical	351	1.70
Mode 1	Pass	PK	4.79158G	41.85	74.00	-32.15	3	Vertical	292	2.08
Mode 1	Pass	PK	5.97336G	44.95	74.00	-29.05	3	Vertical	23	1.81
Mode 1	Pass	AV	1.2G	23.88	54.00	-30.12	3	Horizontal	128	2.43
Mode 1	Pass	AV	4.82268G	29.89	54.00	-24.11	3	Horizontal	204	1.94
Mode 1	Pass	AV	7.99616G	38.16	54.00	-15.84	3	Horizontal	53	2.14
Mode 1	Pass	PK	1.20042G	33.35	74.00	-40.65	3	Horizontal	128	2.43
Mode 1	Pass	PK	4.82652G	41.37	74.00	-32.63	3	Horizontal	204	1.94
Mode 1	Pass	PK	7.99856G	49.83	74.00	-24.17	3	Horizontal	53	2.14
Mode 2	Pass	AV	4.95982G	30.74	54.00	-23.26	3	Vertical	62	1.50
Mode 2	Pass	AV	11.48248G	41.74	54.00	-12.26	3	Vertical	11	1.50
Mode 2	Pass	PK	4.96169G	42.42	74.00	-31.58	3	Vertical	62	1.50
Mode 2	Pass	PK	11.50328G	53.72	74.00	-20.28	3	Vertical	11	1.50
Mode 2	Pass	AV	4.96199G	30.79	54.00	-23.21	3	Horizontal	246	1.50
Mode 2	Pass	AV	11.49152G	44.03	54.00	-9.97	3	Horizontal	289	1.83
Mode 2	Pass	PK	4.96115G	42.35	74.00	-31.65	3	Horizontal	246	1.50
Mode 2	Pass	PK	11.49424G	55.40	74.00	-18.60	3	Horizontal	289	1.83

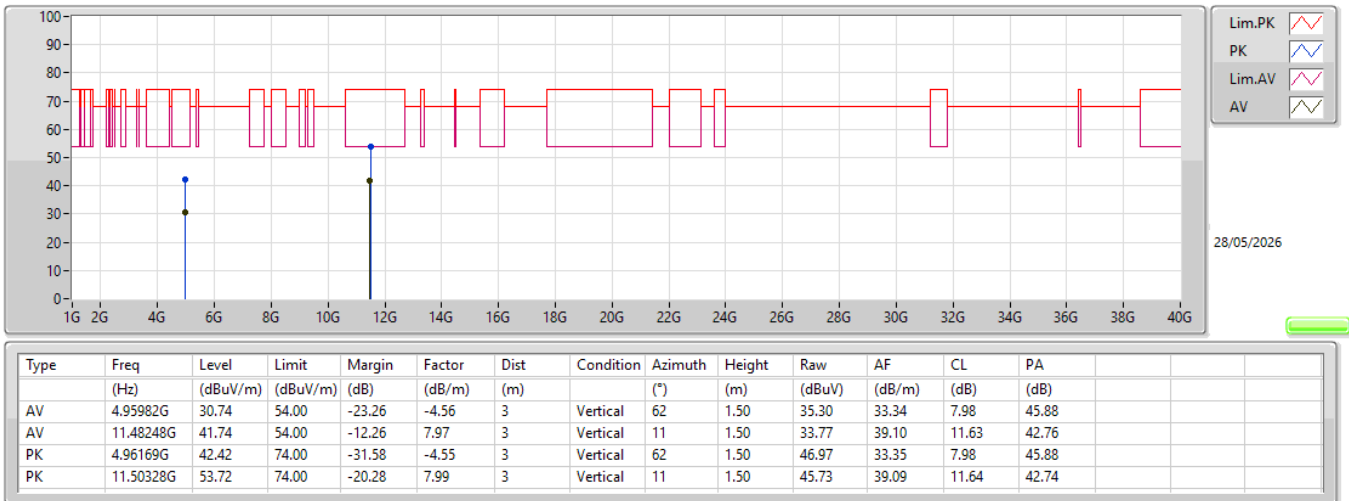
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2

