

FCC Radio Test Report

FCC ID : YL6-143VDB781B
Equipment : Alarm.com Battery Video Doorbell
Brand Name : ALARM.COM
Model Name : ADC-VDB781B
Applicant : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100, Tysons,
VA 22102 United States
Manufacturer : Alarm.com Incorporated
8281 Greensboro Drive, Suite 100, Tysons,
VA 22102 United States
Standard : 47 CFR FCC Part 15.247

The product was received on Sep. 23, 2025, and testing was started from Jan. 22, 2026 and completed on Feb. 07, 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

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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)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	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 Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:

- ♦ Bluetooth LE uses a GFSK (1Mbps/2Mbps) modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support	Source
1	1	LYNwave	ALA25F-222AA6-00	PIFA	I-Pex	2.4G+5G+BT	1
2	2	LYNwave	ALA25F-222AA5-00	PIFA	I-Pex	2.4G+5G+BT	
3	1	INPAQ	RFFPA391608IMLB403	PIFA	I-Pex	2.4G+5G+BT	2
4	2	INPAQ	RFFPA391610IMLB402	PIFA	I-Pex	2.4G+5G+BT	

Ant.	Port	Gain (dBi)					
		2.4G	5G				BT
			UNII-1	UNII-2A	UNII-2C	UNII-3	
1	1	4.5	3.1	2.7	4.2	5.2	4.5
2	2	2.6	5	4.7	4.3	3.9	2.6
3	1	2.5	2.8	2.67	3	3	2.5
4	2	2.5	2.5	2.5	3	2.7	2.5

Note 1: The EUT has four antennas.

For 2.4GHz function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) or Ant. 3 (port 1) or Ant. 4 (port 2) could transmit/receive.

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

For 5GHz function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) or Ant. 3 (port 1) or Ant. 4 (port 2) could transmit/receive.

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

For BT function:

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

Ant. 1 (port 1) or Ant. 2 (port 2) or Ant. 3 (port 1) or Ant. 4 (port 2) could transmit/receive.

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

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Adapter / 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-LE(1Mbps)	0.855	0.68	2.135m	500
BT-LE(2Mbps)	0.576	2.4	1.068m	1k

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + 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	17.3~18.5°C / 58~62%	07/Feb/2026
RF Conducted	TH07-HY	Xun Hsieh	20.1~21.3°C / 56~60%	29/Jan/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	03CH26-HY	Henry Ho	21.9~23.1°C / 52~56%	22/Jan//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	3.44 dB	Confidence levels of 95%
Conducted Output Power	1.48 dB	Confidence levels of 95%
Bandwidth	0.05 MHz	Confidence levels of 95%
Conducted Emission	1.48 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Putty Release 0.72
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Mode	Power Setting
BT-LE(1Mbps)_1TX(Port1)	-
2402MHz	Default setting
2440MHz	Default setting
2480MHz	Default setting
BT-LE(2Mbps)_1TX(Port1)	-
2402MHz	Default setting
2440MHz	Default setting
2480MHz	Default setting

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	Switching Power Supply mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

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

2.3 Accessories

Accessories				
Battery	Brand Name	ALARM.COM	Model Name	ADC-VACC-BAT-2LIB18650
	Manufacturer	Huizhou Fuji Energy Technology Co., Ltd	Type	Li-ion, Yes
	Power Rating	3.6 Vdc, 6450mAh		
Wallplate	Brand Name	ALARM.COM	Model Name	VDB781B
USB Cable	Brand Name	FIT	Model Name	605-0000-0000
	Signal Line	0.915 meter, non-shielded cable, w/o ferrite core		

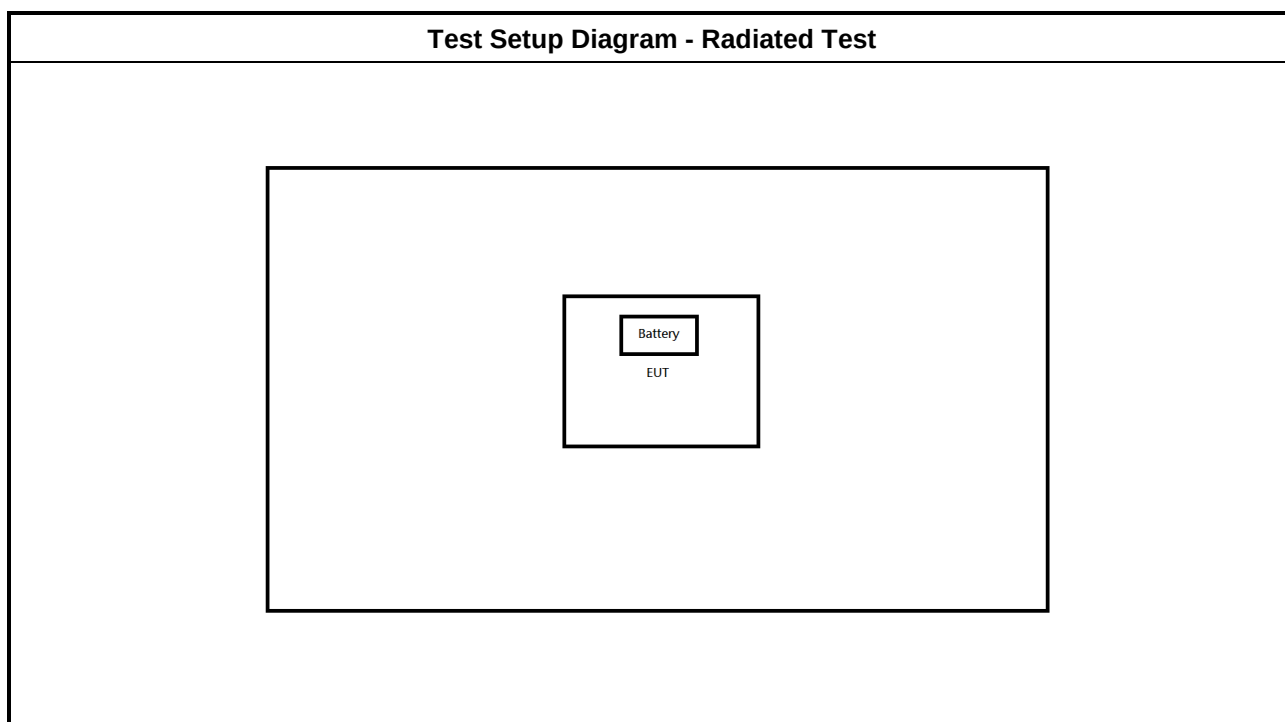
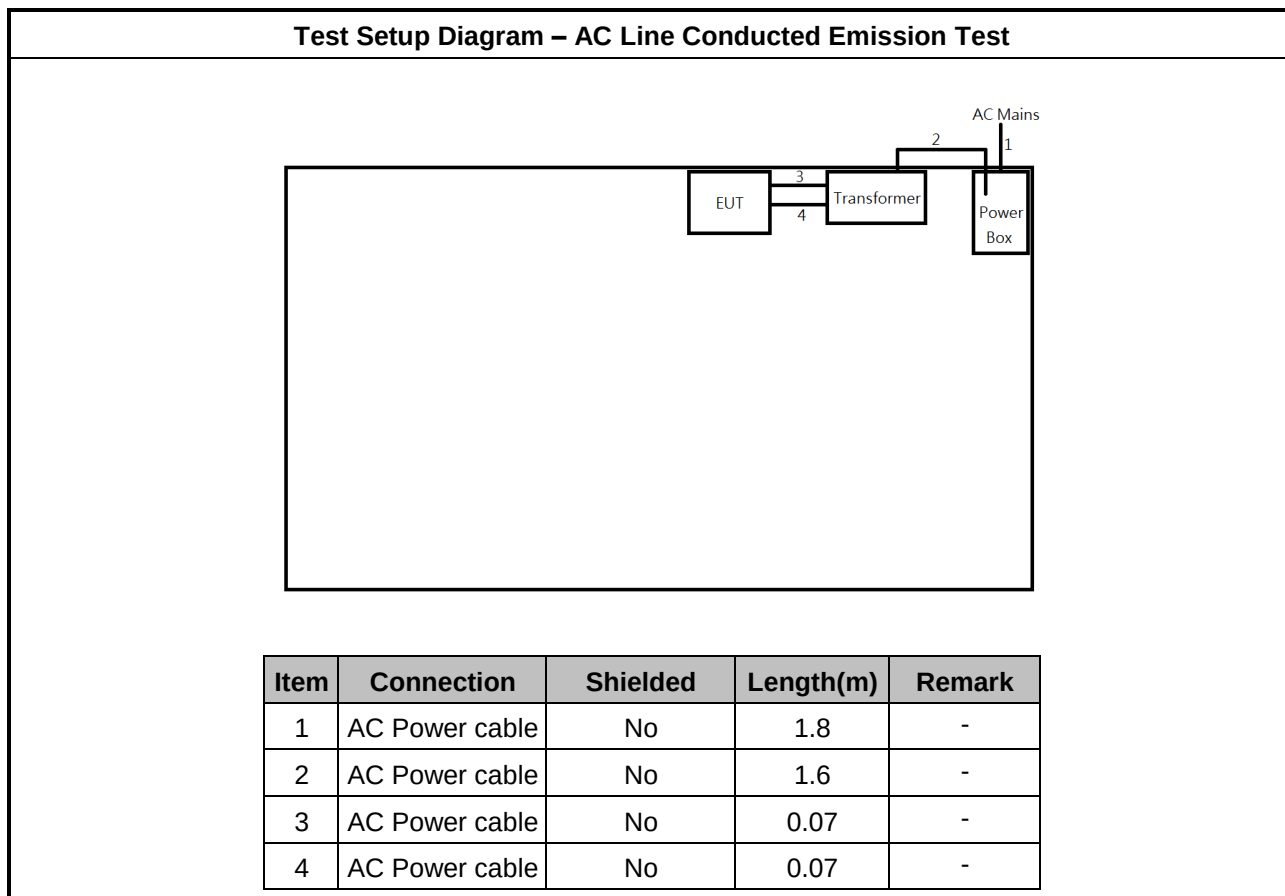
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipmen

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Adapter (Power Transformer)	Triad Magnetics	VPL16-1600	-	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	Sporton	Sporton	-	-
4	DC power supply	GW	GPS-3030DD	-	-
5	DC power cable	MiSUMi	WTN1227-RED	-	-
6	DC power cable	MiSUMi	WTN1227-BLACK	-	-

2.5 Test Setup Diagram



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

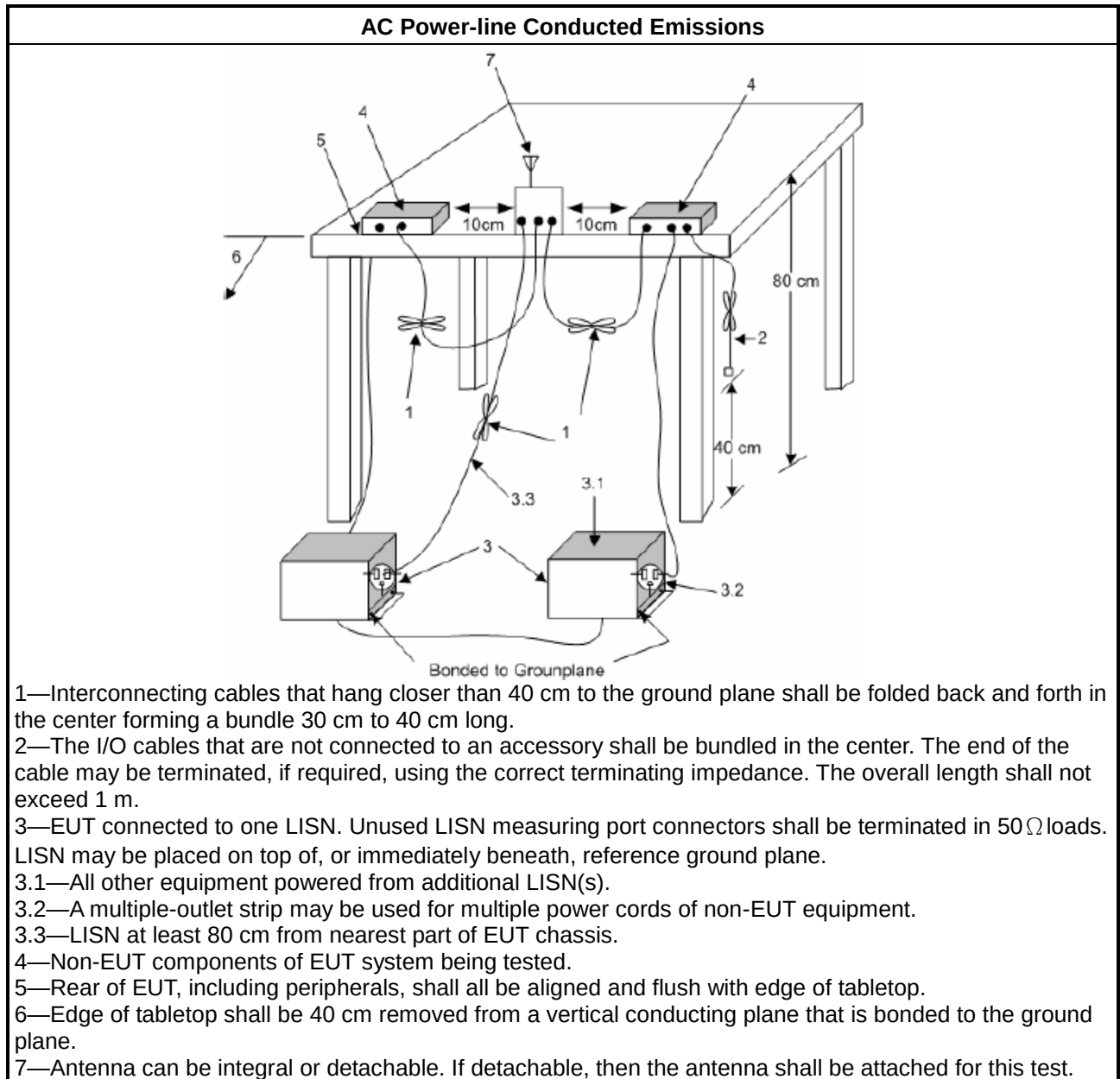
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit	
Systems using digital modulation techniques:	
▪	6 dB bandwidth $\geq$ 500 kHz.

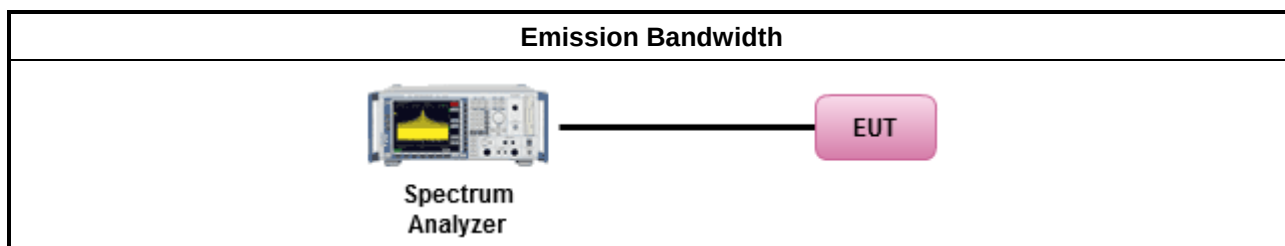
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as KDB 558074, clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dB dBm
e.i.r.p. Power Limit:	
	2400-2483.5 MHz Band
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	Smart antenna system (SAS)
	- Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

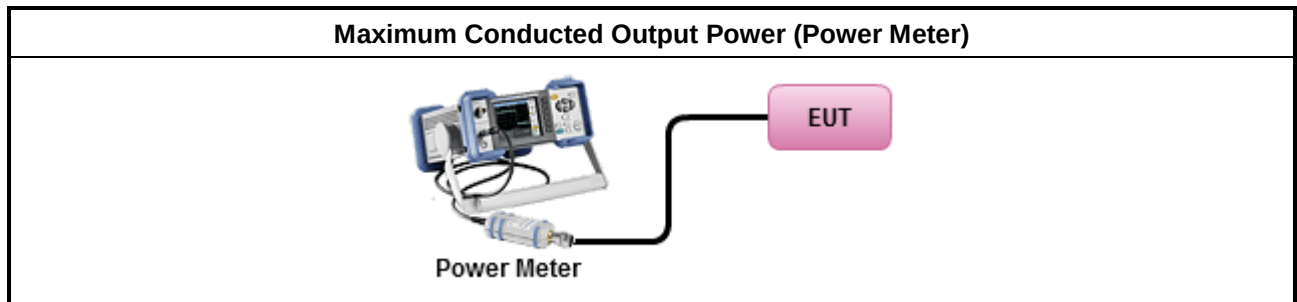
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.2 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
Power Spectral Density (PSD) ≤ 8 dBm/3kHz

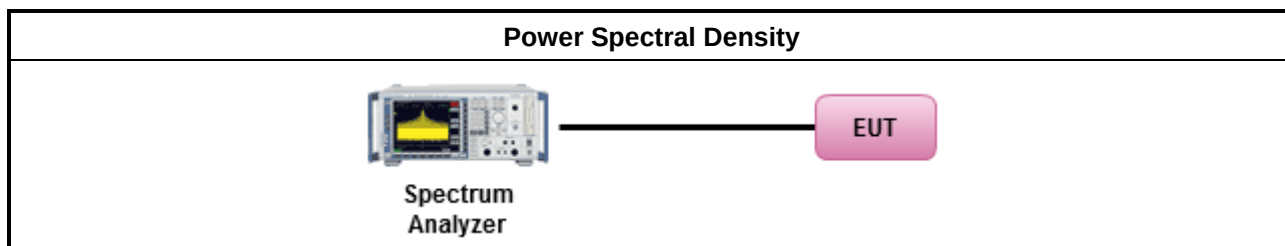
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
For conducted measurement.
If The EUT supports multiple transmit chains using options given below:
Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Average output power procedure	30
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 level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average level.	

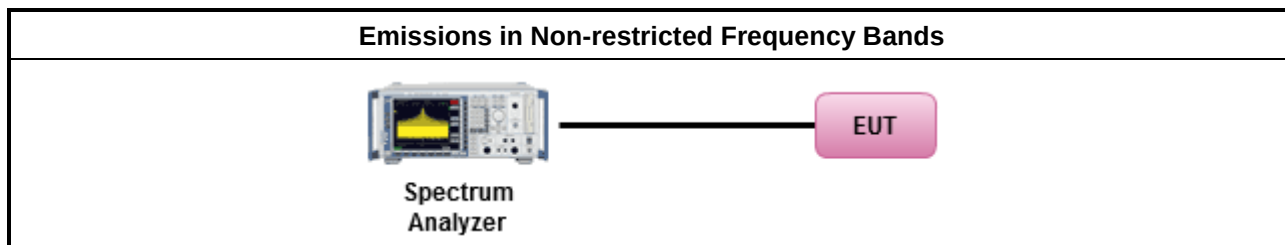
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 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.

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

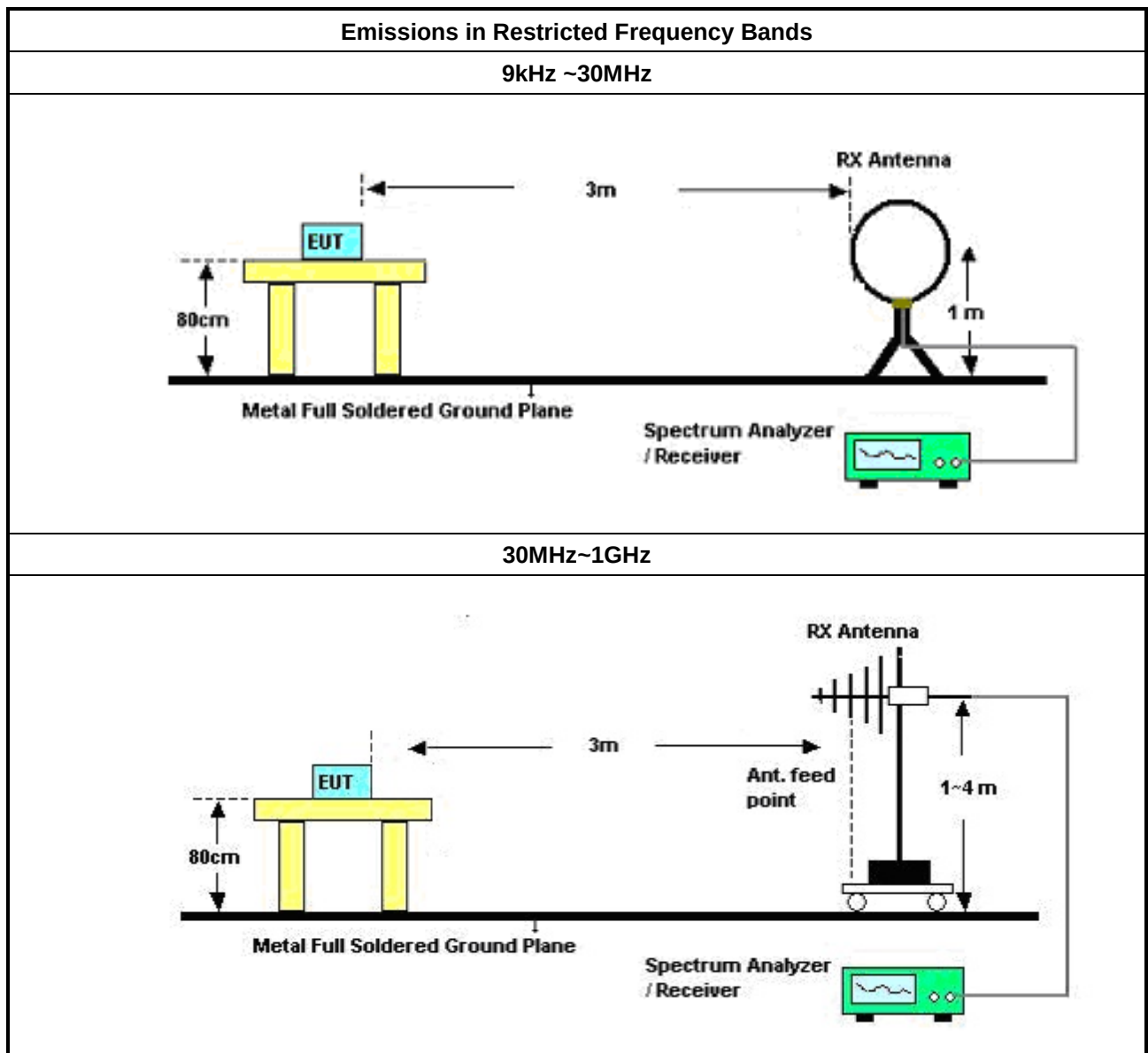
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
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.

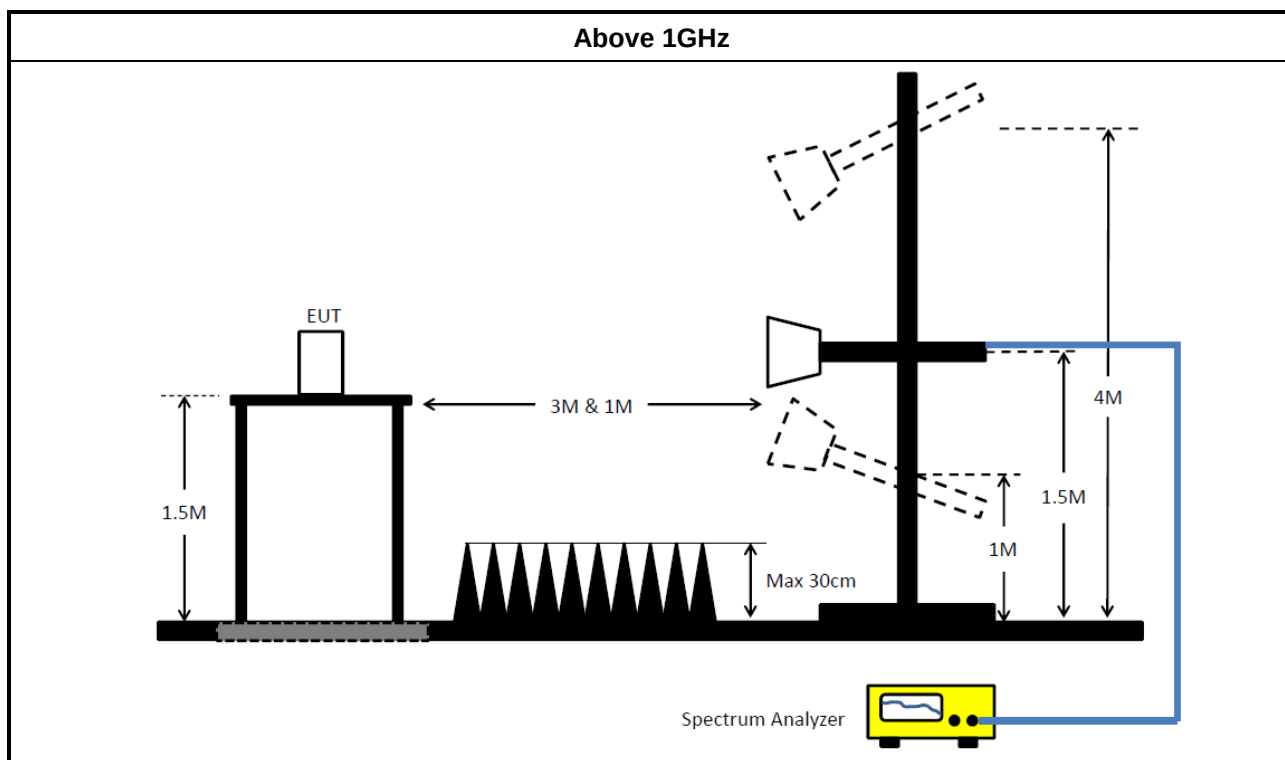
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.5 Test Setup





3.6.6 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.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

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
LISN (Support Unit)	SCHWARZBECK MESS-ELEKTRO NIK	NSLK 8127	8127477	9kHz ~ 30MHz	15/May/2025	14/May/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Pulse Limiter	ROHDE & SCHWARZ	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
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH26-HY	30MHz~1GHz 3m	06/Aug/2025	05/Aug/2026
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
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63540/002	30MHz~1GHz	04/Jun/2025	03/Jun/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	9kHz~1GHz	03/Oct/2025	02/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB009	1GHz~40GHz	03/Oct/2025	02/Oct/2026
Preamplifier	SGH	PRAMP 903	20230515-2	30MHz~1GHz	21/May/2025	20/May/2026
Preamplifier	SGH	PRAMP 118-H	20230515-4	1GHz ~18GHz	21/May/2025	20/May/2026
Microwave Preamplifier	Agilent	8449B	3008A02602	1GHz ~18GHz	12/Mar/2025	11/Mar/2026
Amplifier	EM	EM18G40G	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15247-FS	Sporton	V5.11.27	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

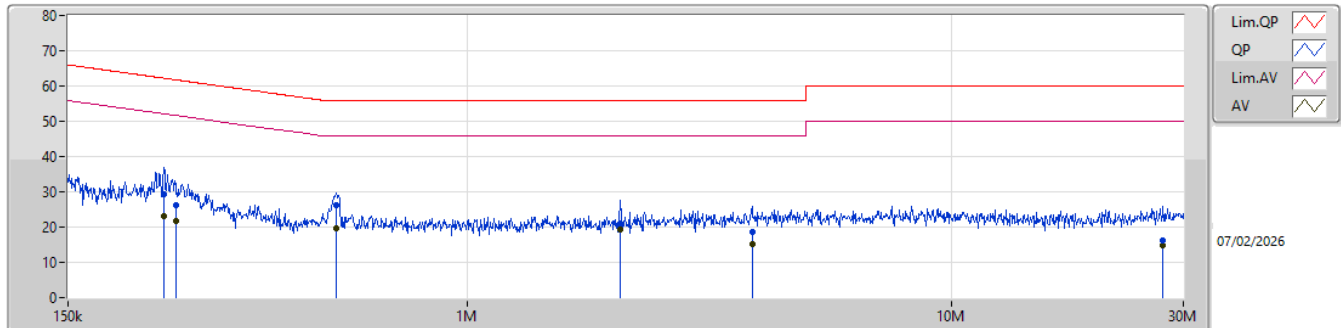
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	535.98k	19.82	46.00	-26.18	Line

Result

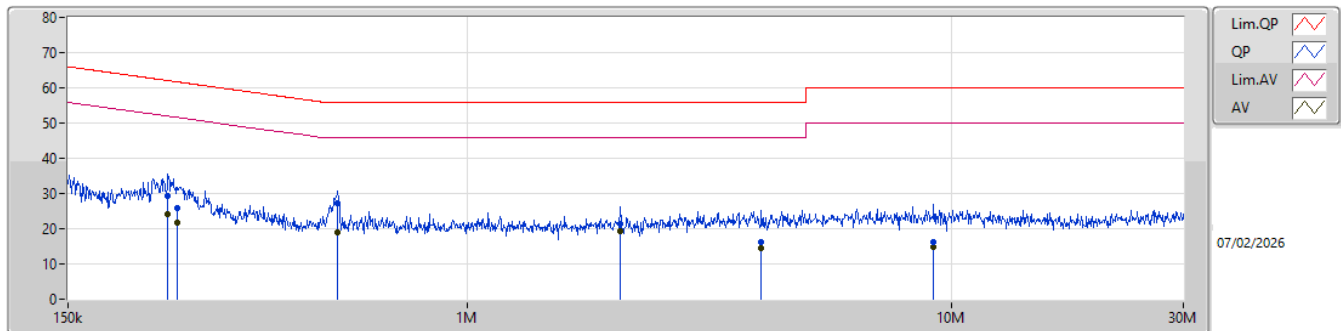
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	236.45k	29.27	62.21	-32.94	Line
Mode 1	Pass	AV	236.45k	23.11	52.21	-29.10	Line
Mode 1	Pass	QP	250.04k	26.36	61.76	-35.40	Line
Mode 1	Pass	AV	250.04k	21.81	51.76	-29.95	Line
Mode 1	Pass	QP	535.98k	26.23	56.00	-29.77	Line
Mode 1	Pass	AV	535.98k	19.82	46.00	-26.18	Line
Mode 1	Pass	QP	2.07M	21.01	56.00	-34.99	Line
Mode 1	Pass	AV	2.07M	19.28	46.00	-26.72	Line
Mode 1	Pass	QP	3.87M	18.47	56.00	-37.53	Line
Mode 1	Pass	AV	3.87M	15.08	46.00	-30.92	Line
Mode 1	Pass	QP	27.23M	16.34	60.00	-43.66	Line
Mode 1	Pass	AV	27.23M	14.87	50.00	-35.13	Line
Mode 1	Pass	QP	241.21k	29.30	62.06	-32.76	Neutral
Mode 1	Pass	AV	241.21k	24.02	52.06	-28.04	Neutral
Mode 1	Pass	QP	252.04k	25.89	61.70	-35.81	Neutral
Mode 1	Pass	AV	252.04k	21.57	51.70	-30.13	Neutral
Mode 1	Pass	QP	540.27k	27.31	56.00	-28.69	Neutral
Mode 1	Pass	AV	540.27k	18.94	46.00	-27.06	Neutral
Mode 1	Pass	QP	2.07M	21.39	56.00	-34.61	Neutral
Mode 1	Pass	AV	2.07M	19.42	46.00	-26.58	Neutral
Mode 1	Pass	QP	4.04M	16.20	56.00	-39.80	Neutral
Mode 1	Pass	AV	4.04M	14.62	46.00	-31.38	Neutral
Mode 1	Pass	QP	9.16M	16.33	60.00	-43.67	Neutral
Mode 1	Pass	AV	9.16M	14.77	50.00	-35.23	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	236.45k	29.27	62.21	-32.94	19.77	Line	9.50	9.64	0.01	10.12								
AV	236.45k	23.11	52.21	-29.10	19.77	Line	3.34	9.64	0.01	10.12								
QP	250.04k	26.36	61.76	-35.40	19.78	Line	6.58	9.64	0.02	10.12								
AV	250.04k	21.81	51.76	-29.95	19.78	Line	2.03	9.64	0.02	10.12								
QP	535.98k	26.23	56.00	-29.77	19.79	Line	6.44	9.63	0.04	10.12								
AV	535.98k	19.82	46.00	-26.18	19.79	Line	0.03	9.63	0.04	10.12								
QP	2.07M	21.01	56.00	-34.99	19.81	Line	1.20	9.65	0.03	10.13								
AV	2.07M	19.28	46.00	-26.72	19.81	Line	-0.53	9.65	0.03	10.13								
QP	3.87M	18.47	56.00	-37.53	19.84	Line	-1.37	9.66	0.05	10.13								
AV	3.87M	15.08	46.00	-30.92	19.84	Line	-4.76	9.66	0.05	10.13								
QP	27.23M	16.34	60.00	-43.66	19.95	Line	-3.61	9.48	0.35	10.12								
AV	27.23M	14.87	50.00	-35.13	19.95	Line	-5.08	9.48	0.35	10.12								

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	241.21k	29.30	62.06	-32.76	19.77	Neutral	9.53	9.63	0.02	10.12								
AV	241.21k	24.02	52.06	-28.04	19.77	Neutral	4.25	9.63	0.02	10.12								
QP	252.04k	25.89	61.70	-35.81	19.77	Neutral	6.12	9.63	0.02	10.12								
AV	252.04k	21.57	51.70	-30.13	19.77	Neutral	1.80	9.63	0.02	10.12								
QP	540.27k	27.31	56.00	-28.69	19.79	Neutral	7.52	9.63	0.04	10.12								
AV	540.27k	18.94	46.00	-27.06	19.79	Neutral	-0.85	9.63	0.04	10.12								
QP	2.07M	21.39	56.00	-34.61	19.81	Neutral	1.58	9.65	0.03	10.13								
AV	2.07M	19.42	46.00	-26.58	19.81	Neutral	-0.39	9.65	0.03	10.13								
QP	4.04M	16.20	56.00	-39.80	19.84	Neutral	-3.64	9.66	0.05	10.13								
AV	4.04M	14.62	46.00	-31.38	19.84	Neutral	-5.22	9.66	0.05	10.13								
QP	9.16M	16.33	60.00	-43.67	20.06	Neutral	-3.73	9.70	0.22	10.14								
AV	9.16M	14.77	50.00	-35.23	20.06	Neutral	-5.29	9.70	0.22	10.14								

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-LE(1Mbps)_1TX(Port1)	673.75k	1.052M	1M05F1D	595k	1.049M
BT-LE(2Mbps)_1TX(Port1)	1.388M	2.116M	2M12F1D	1.1M	2.081M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

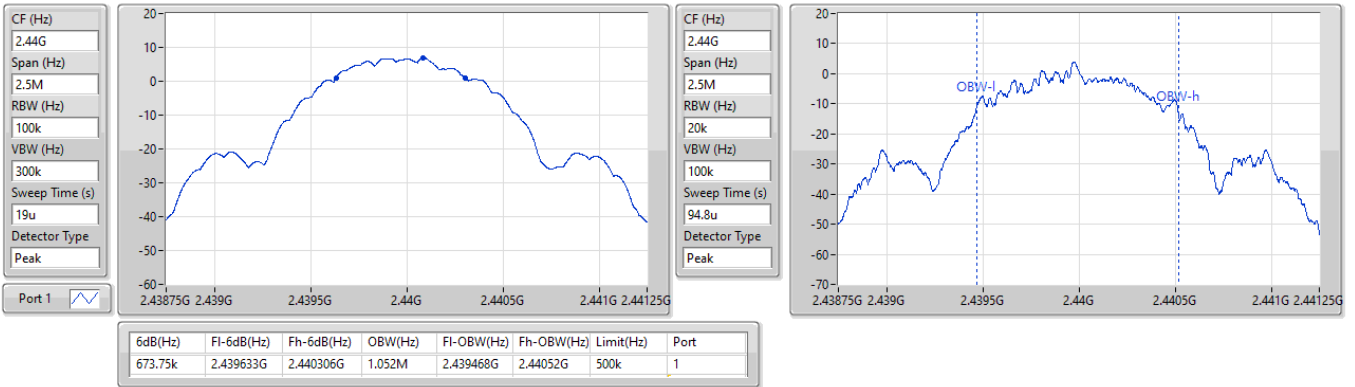
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)_1TX(Port1)	-	-	-	-
2402MHz	Pass	500k	595k	1.049M
2440MHz	Pass	500k	673.75k	1.052M
2480MHz	Pass	500k	636.25k	1.049M
BT-LE(2Mbps)_1TX(Port1)	-	-	-	-
2402MHz	Pass	500k	1.1M	2.116M
2440MHz	Pass	500k	1.388M	2.096M
2480MHz	Pass	500k	1.34M	2.081M

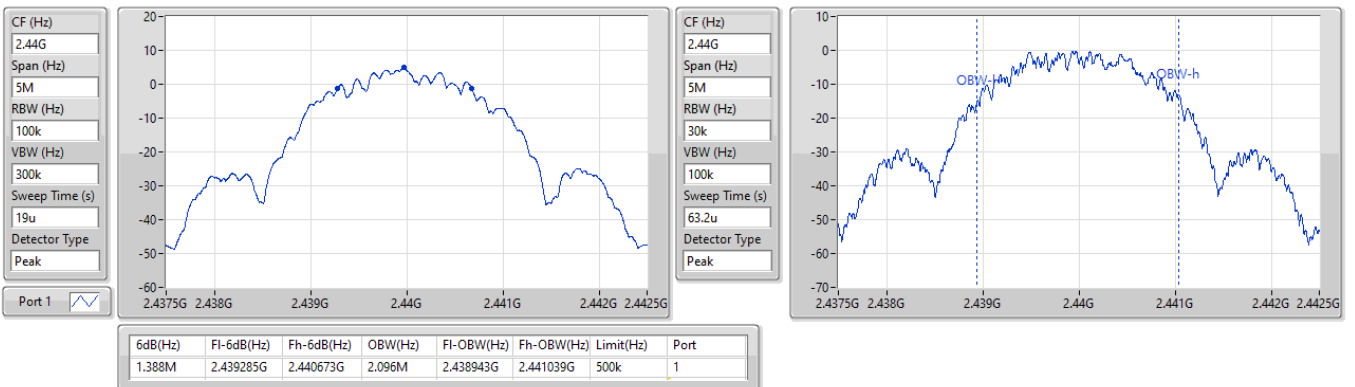
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-LE(1Mbps)_1TX(Port1)
EBW-DTS
2440MHz

29/01/2026


2.4-2.4835GHz_BT-LE(2Mbps)_1TX(Port1)
EBW-DTS
2440MHz

29/01/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)_1TX(Port1)	8.99	0.00793
BT-LE(2Mbps)_1TX(Port1)	8.89	0.00774



Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)_1TX(Port1)	-	-	-	-
2402MHz	Pass	4.50	8.99	30.00
2440MHz	Pass	4.50	8.66	30.00
2480MHz	Pass	4.50	8.37	30.00
BT-LE(2Mbps)_1TX(Port1)	-	-	-	-
2402MHz	Pass	4.50	8.89	30.00
2440MHz	Pass	4.50	8.49	30.00
2480MHz	Pass	4.50	8.28	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)_1TX(Port1)	-7.24
BT-LE(2Mbps)_1TX(Port1)	-10.84

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)_1TX(Port1)	-	-	-	-
2402MHz	Pass	4.50	-7.24	8.00
2440MHz	Pass	4.50	-7.36	8.00
2480MHz	Pass	4.50	-7.66	8.00
BT-LE(2Mbps)_1TX(Port1)	-	-	-	-
2402MHz	Pass	4.50	-10.84	8.00
2440MHz	Pass	4.50	-11.60	8.00
2480MHz	Pass	4.50	-12.41	8.00

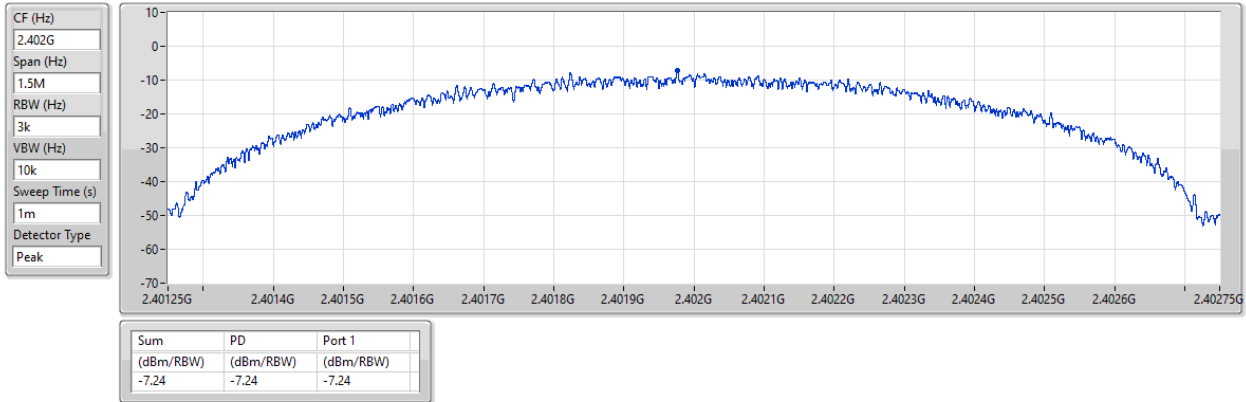
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_BT-LE(1Mbps)_1TX(Port1)

PSD

2402MHz

29/01/2026

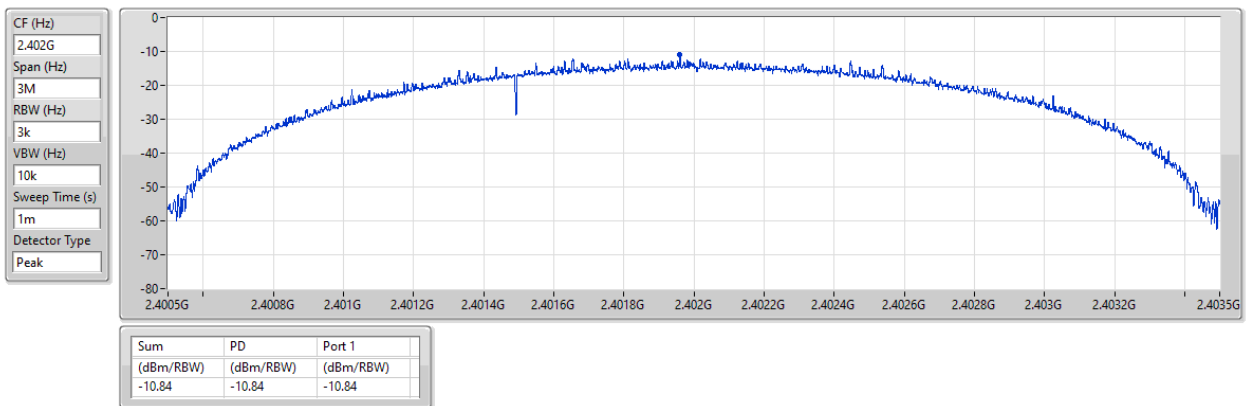


2.4-2.4835GHz_BT-LE(2Mbps)_1TX(Port1)

PSD

2402MHz

29/01/2026



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-LE(1Mbps)_1TX(Port1)	Pass	2.40217G	7.79	-22.21	2.00165G	-51.06	2.4G	-53.02	2.4G	-48.49	2.50318G	-54.97	16.41759G	-42.90	1
BT-LE(2Mbps)_1TX(Port1)	Pass	2.40234G	7.82	-22.18	2.00165G	-55.07	2.4G	-24.17	2.4G	-23.36	2.5025G	-54.24	16.46539G	-42.89	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-LE(1Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40217G	7.79	-22.21	2.00165G	-51.06	2.4G	-53.02	2.4G	-48.49	2.50318G	-54.97	16.41759G	-42.90	1
2440MHz	Pass	2.40217G	7.79	-22.21	2.03338G	-51.00	2.39616G	-54.48	2.4G	-56.94	2.50322G	-54.57	21.45118G	-42.32	1
2480MHz	Pass	2.40217G	7.79	-22.21	2.06745G	-50.55	2.39412G	-54.70	2.4G	-56.43	2.50186G	-54.10	24.581G	-42.05	1
BT-LE(2Mbps)_1TX(Port1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40234G	7.82	-22.18	2.00165G	-55.07	2.4G	-24.17	2.4G	-23.36	2.5025G	-54.24	16.46539G	-42.89	1
2440MHz	Pass	2.40234G	7.82	-22.18	2.03338G	-53.79	2.39764G	-54.38	2.4G	-57.52	2.5005G	-54.94	24.20137G	-42.97	1
2480MHz	Pass	2.40234G	7.82	-22.18	2.11093G	-55.77	2.39064G	-54.02	2.4G	-54.96	2.50334G	-54.80	24.63724G	-42.71	1

2.4-2.4835GHz_BT-LE(1Mbps)_1TX(Port1)

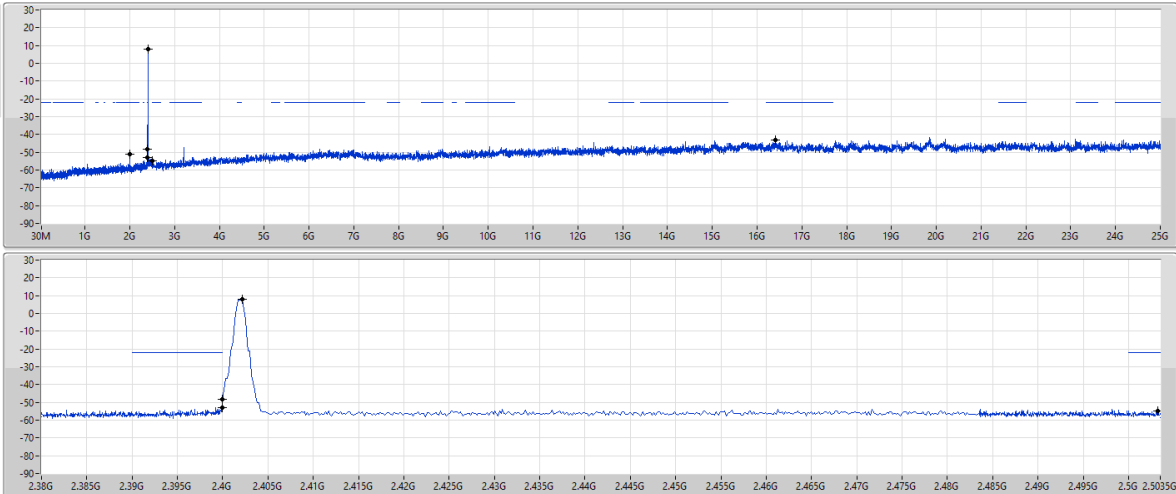
CSEndB-DTS

2402MHz

29/01/2026

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
2.40217G	7.79	-22.21	2.00165G	-51.06	2.4G	-53.02	2.4G	-48.49	2.50318G	-54.97	16.41759G	-42.90	1

2.4-2.4835GHz_BT-LE(2Mbps)_1TX(Port1)

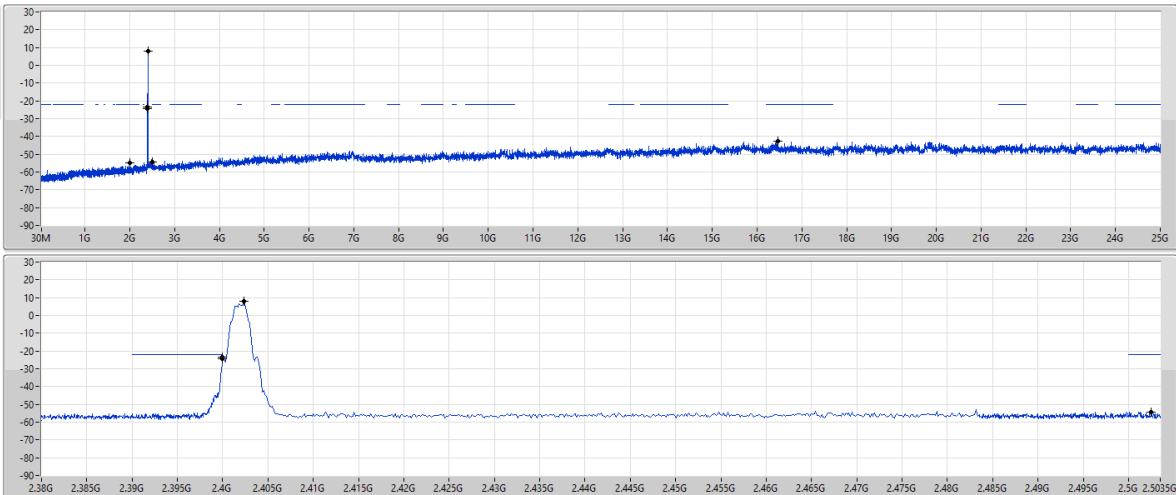
CSEndB-DTS

2402MHz

29/01/2026

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
2.40234G	7.82	-22.18	2.00165G	-55.07	2.4G	-24.17	2.4G	-23.36	2.5025G	-54.24	16.46539G	-42.89	1



Summary

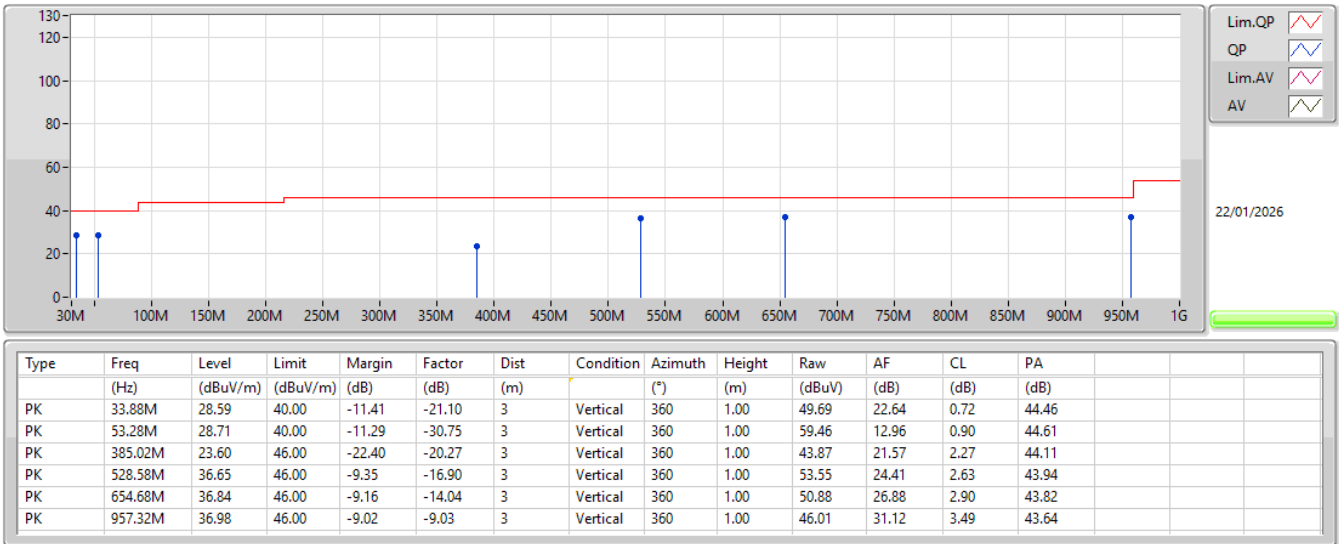
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	PK	957.32M	36.98	46.00	-9.02	3	Vertical	360	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	33.88M	28.59	40.00	-11.41	3	Vertical	360	1.00
2440MHz	Pass	PK	53.28M	28.71	40.00	-11.29	3	Vertical	360	1.00
2440MHz	Pass	PK	385.02M	23.60	46.00	-22.40	3	Vertical	360	1.00
2440MHz	Pass	PK	528.58M	36.65	46.00	-9.35	3	Vertical	360	1.00
2440MHz	Pass	PK	654.68M	36.84	46.00	-9.16	3	Vertical	360	1.00
2440MHz	Pass	PK	957.32M	36.98	46.00	-9.02	3	Vertical	360	1.00
2440MHz	Pass	PK	33.88M	21.90	40.00	-18.10	3	Horizontal	0	1.00
2440MHz	Pass	PK	156.1M	23.27	43.50	-20.23	3	Horizontal	0	1.00
2440MHz	Pass	PK	421.88M	25.64	46.00	-20.36	3	Horizontal	0	1.00
2440MHz	Pass	PK	526.64M	29.18	46.00	-16.82	3	Horizontal	0	1.00
2440MHz	Pass	PK	856.44M	31.50	46.00	-14.50	3	Horizontal	0	1.00
2440MHz	Pass	PK	957.32M	31.75	46.00	-14.25	3	Horizontal	0	1.00

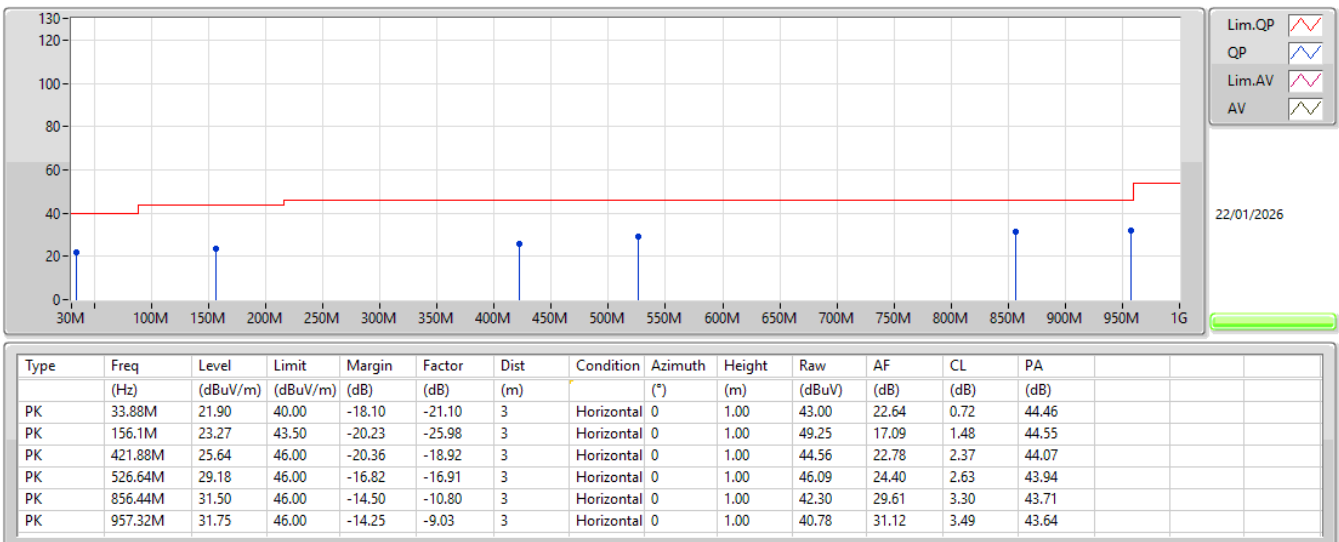
2.4-2.4835GHz_BT-LE(1Mbps)_1TX(Port1)

2440MHz_Battery



2.4-2.4835GHz_BT-LE(1Mbps)_1TX(Port1)

2440MHz_Battery





Summary

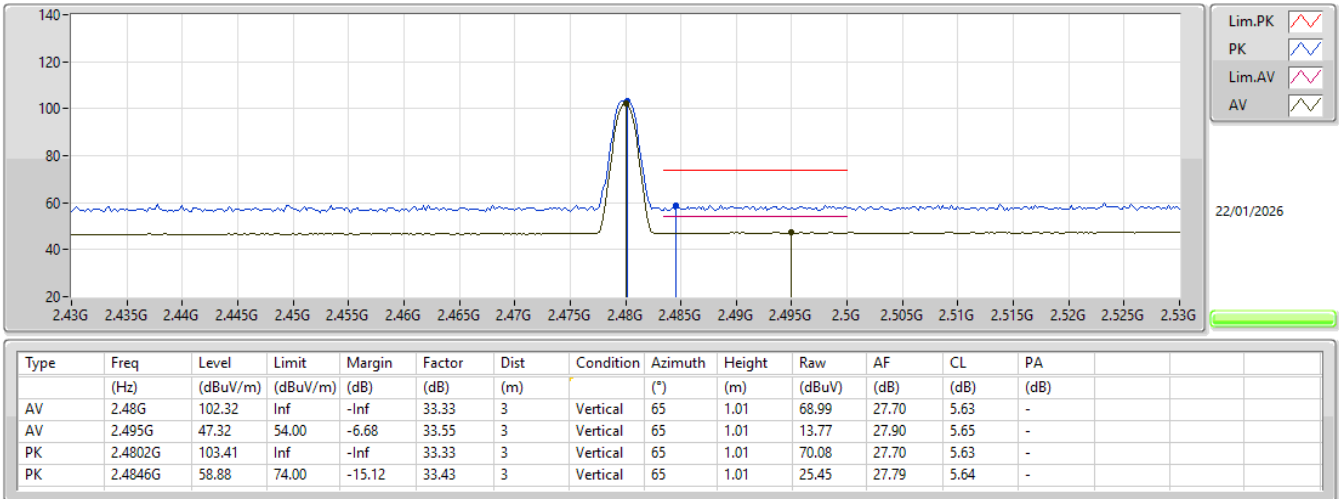
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-LE(1Mbps)	Pass	AV	2.495G	47.32	54.00	-6.68	3	Vertical	65	1.01
BT-LE(2Mbps)	Pass	AV	2.4835G	48.20	54.00	-5.80	3	Vertical	79	1.50

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3886G	46.37	54.00	-7.63	3	Vertical	66	1.00
2402MHz	Pass	AV	2.402G	101.44	Inf	-Inf	3	Vertical	66	1.00
2402MHz	Pass	PK	2.361G	58.32	74.00	-15.68	3	Vertical	66	1.00
2402MHz	Pass	PK	2.4022G	102.52	Inf	-Inf	3	Vertical	66	1.00
2402MHz	Pass	AV	4.80452G	31.66	54.00	-22.34	3	Vertical	252	1.50
2402MHz	Pass	PK	4.80315G	44.58	74.00	-29.42	3	Vertical	252	1.50
2402MHz	Pass	AV	4.80622G	31.81	54.00	-22.19	3	Horizontal	161	2.22
2402MHz	Pass	PK	4.80526G	44.19	74.00	-29.81	3	Horizontal	161	2.22
2440MHz	Pass	AV	2.3848G	46.34	54.00	-7.66	3	Vertical	78	1.01
2440MHz	Pass	AV	2.44G	101.67	Inf	-Inf	3	Vertical	78	1.01
2440MHz	Pass	AV	2.4956G	47.19	54.00	-6.81	3	Vertical	78	1.01
2440MHz	Pass	PK	2.3464G	58.69	74.00	-15.31	3	Vertical	78	1.01
2440MHz	Pass	PK	2.44G	102.72	Inf	-Inf	3	Vertical	78	1.01
2440MHz	Pass	PK	2.4968G	58.59	74.00	-15.41	3	Vertical	78	1.01
2440MHz	Pass	AV	4.88062G	32.26	54.00	-21.74	3	Vertical	271	1.50
2440MHz	Pass	PK	4.87771G	44.85	74.00	-29.15	3	Vertical	271	1.50
2440MHz	Pass	AV	4.88115G	32.23	54.00	-21.77	3	Horizontal	138	1.80
2440MHz	Pass	PK	4.88245G	44.47	74.00	-29.53	3	Horizontal	138	1.80
2480MHz	Pass	AV	2.48G	102.32	Inf	-Inf	3	Vertical	65	1.01
2480MHz	Pass	AV	2.495G	47.32	54.00	-6.68	3	Vertical	65	1.01
2480MHz	Pass	PK	2.4802G	103.41	Inf	-Inf	3	Vertical	65	1.01
2480MHz	Pass	PK	2.4846G	58.88	74.00	-15.12	3	Vertical	65	1.01
2480MHz	Pass	AV	4.96068G	32.87	54.00	-21.13	3	Vertical	246	1.50
2480MHz	Pass	PK	4.95776G	45.04	74.00	-28.96	3	Vertical	246	1.50
2480MHz	Pass	AV	4.96064G	32.85	54.00	-21.15	3	Horizontal	234	2.49
2480MHz	Pass	PK	4.96213G	45.54	74.00	-28.46	3	Horizontal	234	2.49
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3816G	46.57	54.00	-7.43	3	Vertical	65	1.00
2402MHz	Pass	AV	2.402G	100.04	Inf	-Inf	3	Vertical	65	1.00
2402MHz	Pass	PK	2.3788G	58.41	74.00	-15.59	3	Vertical	65	1.00
2402MHz	Pass	PK	2.4024G	102.78	Inf	-Inf	3	Vertical	65	1.00
2402MHz	Pass	AV	4.80269G	32.03	54.00	-21.97	3	Vertical	226	1.33
2402MHz	Pass	PK	4.80324G	44.01	74.00	-29.99	3	Vertical	226	1.33
2402MHz	Pass	AV	4.80575G	32.10	54.00	-21.90	3	Horizontal	180	1.82
2402MHz	Pass	PK	4.80209G	43.88	74.00	-30.12	3	Horizontal	180	1.82
2440MHz	Pass	AV	2.39G	46.60	54.00	-7.40	3	Vertical	78	1.00
2440MHz	Pass	AV	2.44G	100.30	Inf	-Inf	3	Vertical	78	1.00
2440MHz	Pass	AV	2.4948G	47.56	54.00	-6.44	3	Vertical	78	1.00
2440MHz	Pass	PK	2.3408G	58.09	74.00	-15.91	3	Vertical	78	1.00
2440MHz	Pass	PK	2.4396G	103.00	Inf	-Inf	3	Vertical	78	1.00
2440MHz	Pass	PK	2.4864G	59.10	74.00	-14.90	3	Vertical	78	1.00
2440MHz	Pass	AV	4.87791G	32.58	54.00	-21.42	3	Vertical	175	1.72
2440MHz	Pass	PK	4.88035G	44.68	74.00	-29.32	3	Vertical	175	1.72
2440MHz	Pass	AV	4.87909G	32.60	54.00	-21.40	3	Horizontal	185	1.50
2440MHz	Pass	PK	4.88197G	44.58	74.00	-29.42	3	Horizontal	185	1.50
2480MHz	Pass	AV	2.48G	99.28	Inf	-Inf	3	Vertical	79	1.50
2480MHz	Pass	AV	2.4835G	48.20	54.00	-5.80	3	Vertical	79	1.50
2480MHz	Pass	PK	2.4804G	102.01	Inf	-Inf	3	Vertical	79	1.50
2480MHz	Pass	PK	2.4976G	59.95	74.00	-14.05	3	Vertical	79	1.50
2480MHz	Pass	AV	4.96093G	33.08	54.00	-20.92	3	Vertical	161	1.58
2480MHz	Pass	PK	4.96164G	45.66	74.00	-28.34	3	Vertical	161	1.58
2480MHz	Pass	AV	4.95979G	33.22	54.00	-20.78	3	Horizontal	344	1.50
2480MHz	Pass	PK	4.96068G	45.05	74.00	-28.95	3	Horizontal	344	1.50

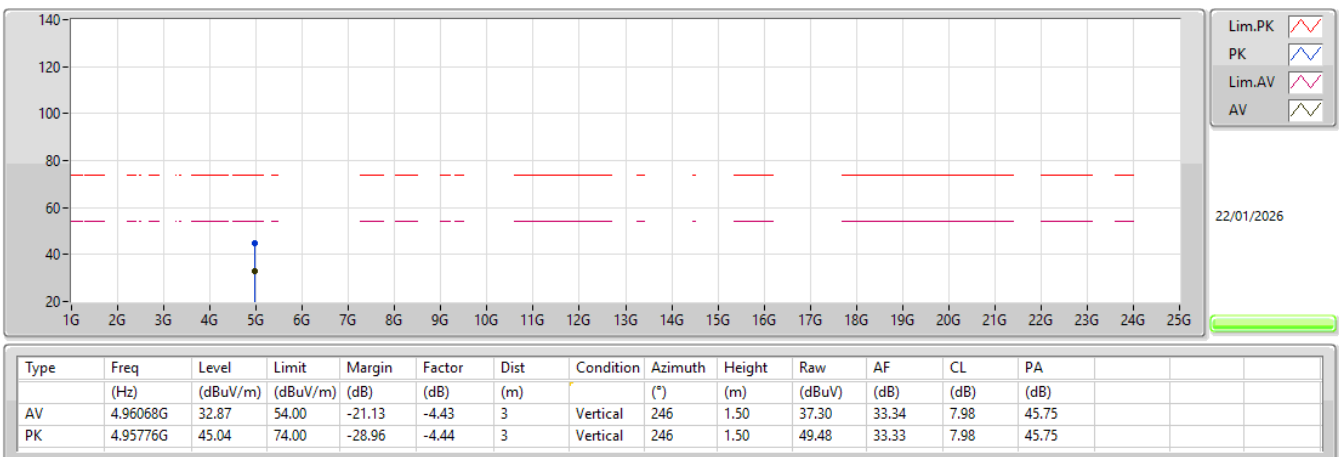
2.4-2.4835GHz_BT-LE(1Mbps)_1TX(Port1)

2480MHz_TX



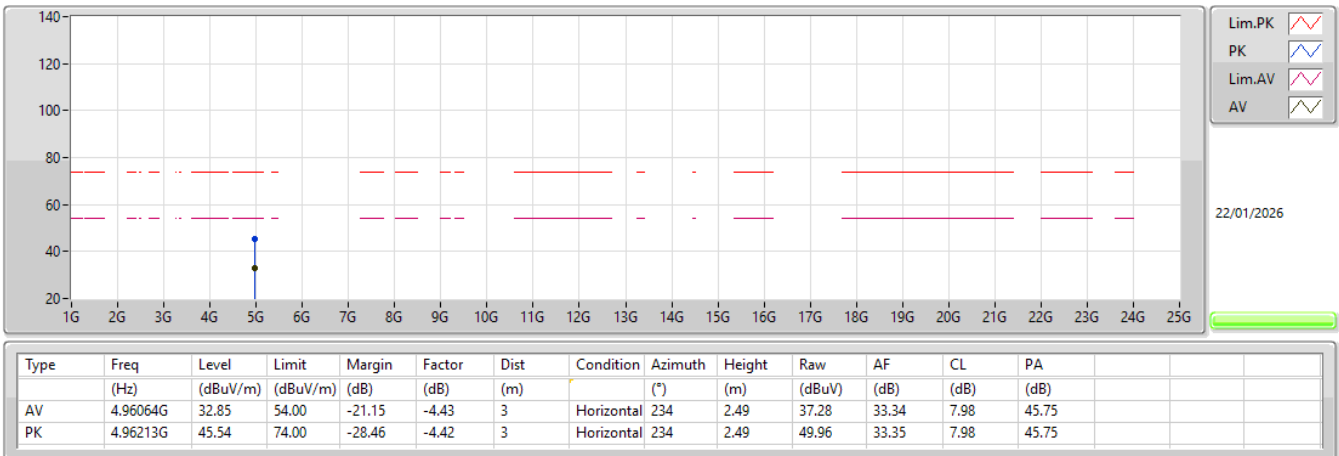
2.4-2.4835GHz_BT-LE(1Mbps)_1TX(Port1)

2480MHz_TX



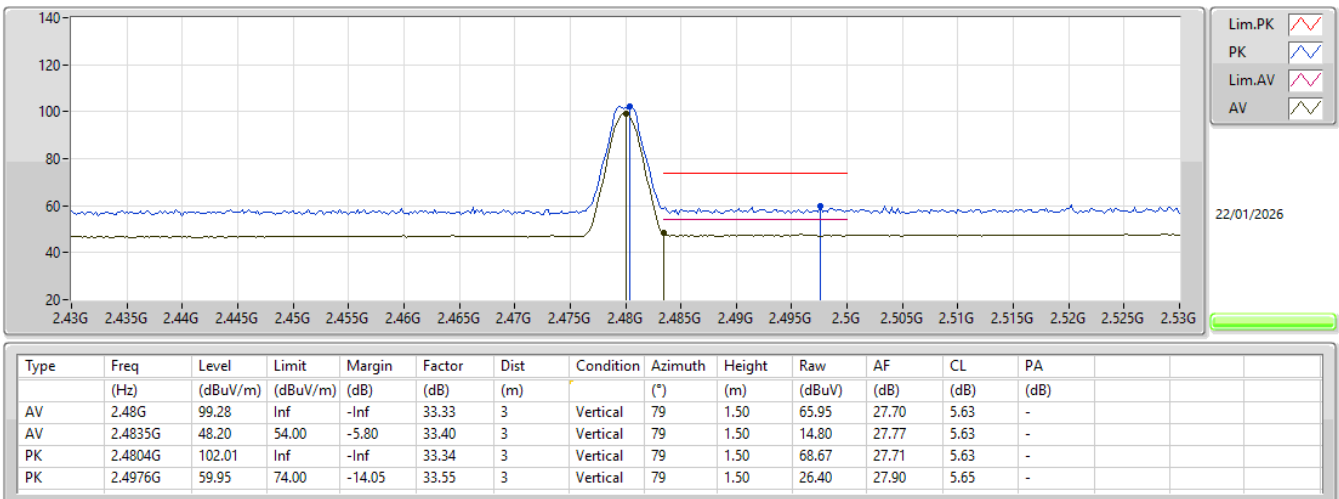
2.4-2.4835GHz_BT-LE(1Mbps)_1TX(Port1)

2480MHz_TX



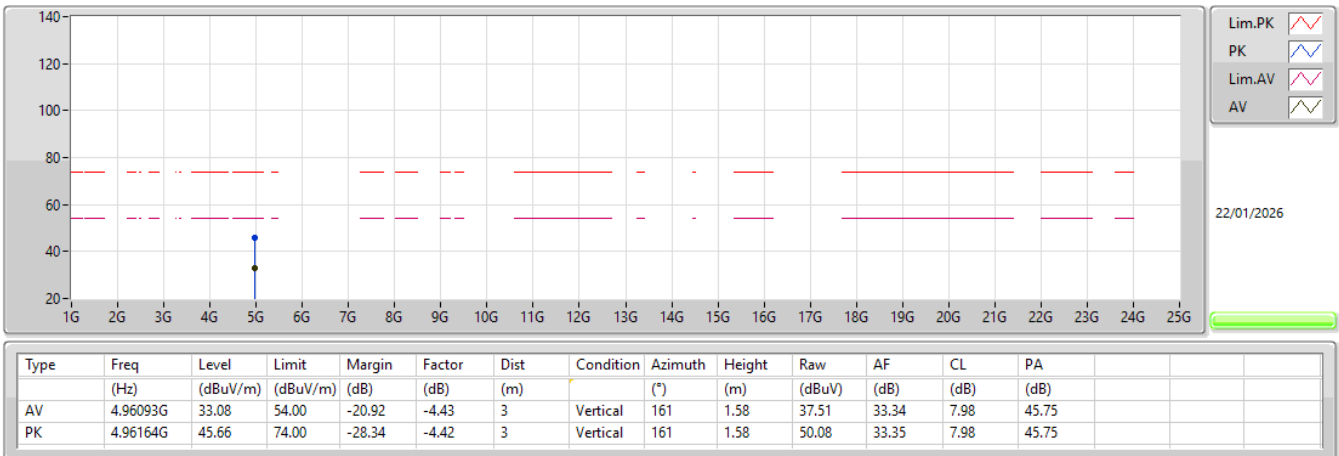
2.4-2.4835GHz_BT-LE(2Mbps)_1TX(Port1)

2480MHz_TX



2.4-2.4835GHz_BT-LE(2Mbps)_1TX(Port1)

2480MHz_TX



2.4-2.4835GHz_BT-LE(2Mbps)_1TX(Port1)

2480MHz_TX

