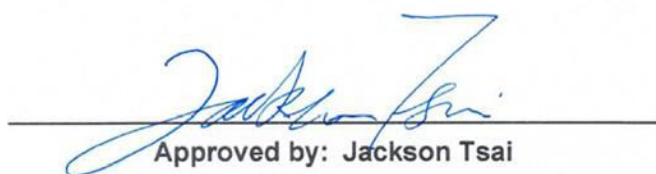


FCC Radio Test Report

FCC ID : TOR-C460D
Equipment : Wireless Access Point
Brand Name : ARISTA
Model Name : C-460D
Applicant : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Manufacturer : Arista Networks, Inc.
5453 Great America Parkway, Santa Clara, CA 95054 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Jan. 13, 2026, and testing was started from May 16, 2026 and completed on Jul. 08, 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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History of this test report

[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)	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: Ryan Hsiao

Report Producer: Michelle Tsai

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/125kbps/500kbps) modulation.
- BWch is the nominal channel bandwidth.
- Bluetooth LE 125k/500k/1Mbps uses the same modulation, and 1Mbps was found to be the worst case scenario which was performed full test and recorded in this test report.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	ADANT	ARSDP256	Directional	I-Pex	2.4G	Radio 1
2	ADANT	ARSDP256	Directional	I-Pex	5G	Radio 3
3	ADANT	ARSDP256	Directional	I-Pex	5G	
4	ADANT	ARSDP256	Directional	I-Pex	2.4G	Radio 1
2	ADANT	ARSDP256	Directional	I-Pex	5G	Radio 3
5	ADANT	ARSDP256	Directional	I-Pex	5G	
6	ADANT	ARSDP256	Directional	I-Pex	2.4G	Radio 1
7	ADANT	ARSDP256	Directional	I-Pex	5G	Radio 3
8	ADANT	ARSDP256	Directional	I-Pex	5G	
9	ADANT	ARSDP256	Directional	I-Pex	2.4G	Radio 1
7	ADANT	ARSDP256	Directional	I-Pex	5G	Radio 3
10	ADANT	ARSDP256	Directional	I-Pex	5G	
11	ADANT	ARSDP256	Directional	I-Pex	2.4G	Radio 0
12	ADANT	ARSDP256	Directional	I-Pex	5G+6G	
13	ADANT	ARSDP256	Directional	I-Pex	5G+6G	
14	ADANT	ARSDP256	Directional	I-Pex	2.4G	
12	ADANT	ARSDP256	Directional	I-Pex	5G+6G	
15	ADANT	ARSDP256	Directional	I-Pex	5G+6G	Radio 2
16	ADANT	ARSDP256	Directional	I-Pex	6G	
17	ADANT	ARSDP256	Directional	I-Pex	6G	
16	ADANT	ARSDP256	Directional	I-Pex	6G	
18	ADANT	ARSDP256	Directional	I-Pex	6G	
19	ADANT	ARSDP256	Directional	I-Pex	6G	
20	ADANT	ARSDP256	Directional	I-Pex	6G	
19	ADANT	ARSDP256	Directional	I-Pex	6G	
21	ADANT	ARSDP256	Directional	I-Pex	6G	-
22	ADANT	ARSDP256	PIFA	I-Pex	BT	
23	ADANT	ARSDP256	PIFA	I-Pex	GPS	-



Ant.	Port	Gain (dBi)										
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	GPS
1	1	4.7	-	-	-	-	-	-	-	-	-	-
2		-	5	4.4	4.3	4.8	-	-	-	-	-	-
3		-	2.7	2.6	2.3	1.6	-	-	-	-	-	-
4	2	2.8	-	-	-	-	-	-	-	-	-	-
2		-	4.1	3.6	2.6	3.9	-	-	-	-	-	-
5		-	2.7	2.1	2.3	3.1	-	-	-	-	-	-
6	3	3.3	-	-	-	-	-	-	-	-	-	-
7		-	4.9	5.2	4.6	4	-	-	-	-	-	-
8		-	4	3	3.1	3.3	-	-	-	-	-	-
9	4	4.8	-	-	-	-	-	-	-	-	-	-
7		-	3.8	4	4.5	3.2	-	-	-	-	-	-
10		-	2.8	3	2.9	2.8	-	-	-	-	-	-
11	5	3.1	-	-	-	-	-	-	-	-	-	-
12		-	3.2	3.8	5.2	3.2	2.5	2.5	2.8	1.6	-	-
13		-	2.9	3.1	3.1	2.9	3.2	0.9	1.6	2.1	-	-
14	6	4.3	-	-	-	-	-	-	-	-	-	-
12		-	3.9	4.6	4.1	2.2	2.7	4	4.4	5	-	-
15		-	3.8	3.5	3.3	3.5	1.6	3	3.3	2.8	-	-
16	7	-	-	-	-	-	4.1	3.8	3.7	1.7	-	-
17		-	-	-	-	-	3.4	4.8	5	4.1	-	-
16	8	-	-	-	-	-	2.5	3.5	3.9	1.7	-	-
18		-	-	-	-	-	2.2	3.9	4.3	2.4	-	-
19	9	-	-	-	-	-	4.3	5.9	3.1	3.3	-	-
20		-	-	-	-	-	4.2	4.1	4.5	4.3	-	-
19	10	-	-	-	-	-	3.1	4.7	5.1	2.9	-	-
21		-	-	-	-	-	5.2	3.9	4.3	3.5	-	-
22	11	-	-	-	-	-	-	-	-	-	1.0	-
23	12	-	-	-	-	-	-	-	-	-	-	0.9

Note 1: The EUT has twenty-three antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax mode (2TX/2RX) **(Radio 0)**

Ant. 11 and Ant. 14 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) **(Radio 1)**

Ant. 1, Ant. 4, Ant. 6, and Ant. 9 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode (2TX/2RX) (Radio 0)

Ant. 12 / Ant.13 and Ant.15 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (**Radio 3**)

Ant. 2 and Ant. 7 / Ant. 3, Ant.5, Ant.8 and Ant.10 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 ax mode (2TX/2RX) (**Radio 0**)

Ant. 12 / Ant.13 and Ant.15 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (**Radio 2**)

Ant. 16 and Ant.19 / Ant. 17, Ant. 18, Ant. 20 and Ant. 21 could transmit/receive simultaneously.

For BT function:

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

Ant. 22 could transmit/receive.

Note 2: Directional gain information

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

**1.1.3 EUT Information**

Operational Condition			
EUT Power Type	From AC Adapter		
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)	1	0	20.001m	10Hz (DC>=0.98)
BT-LE(2Mbps)	1	0	20.001m	10Hz (DC>=0.98)

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%	22/May/2026
RF Conducted	TH07-HY	Alan Chien	23.5~24.2°C / 53~56%	19/May/2026~20/May/2026
Radiated	03CH02-HY	Vasari Huang	22.2~23.4°C / 50~52%	16/May/2026~18/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 (Co-location)	03CH24-HY	Rofy Chen	22.1~22.2°C / 57~58%	08/Jul/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%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	1.76 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.38 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	4.94 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	4.92 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Tera Term Version 4.76
Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	100
2440MHz	100
2480MHz	100
BT-LE(2Mbps)	-
2402MHz	100
2440MHz	100
2480MHz	100

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1 + Radio 3 (5G_B1B4) + Radio 2 (6G_LPI) + Radio 0 (2.4G) + Bluetooth
2	Radio 1 + Radio 3 (5G_B1B4) + Radio 2 (6G_LPI) + Radio 0 (5G_B1B4) + Bluetooth
3	Radio 1 + Radio 3 (5G_B1B4) + Radio 2 (6G_LPI) + Radio 0 (Low Power Indoor Client) + Bluetooth
Refer to Sporton Test Report No.: FA611324 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Ceiling	Brand Name	ARISTA	Model Name	MNT-AP-15MM

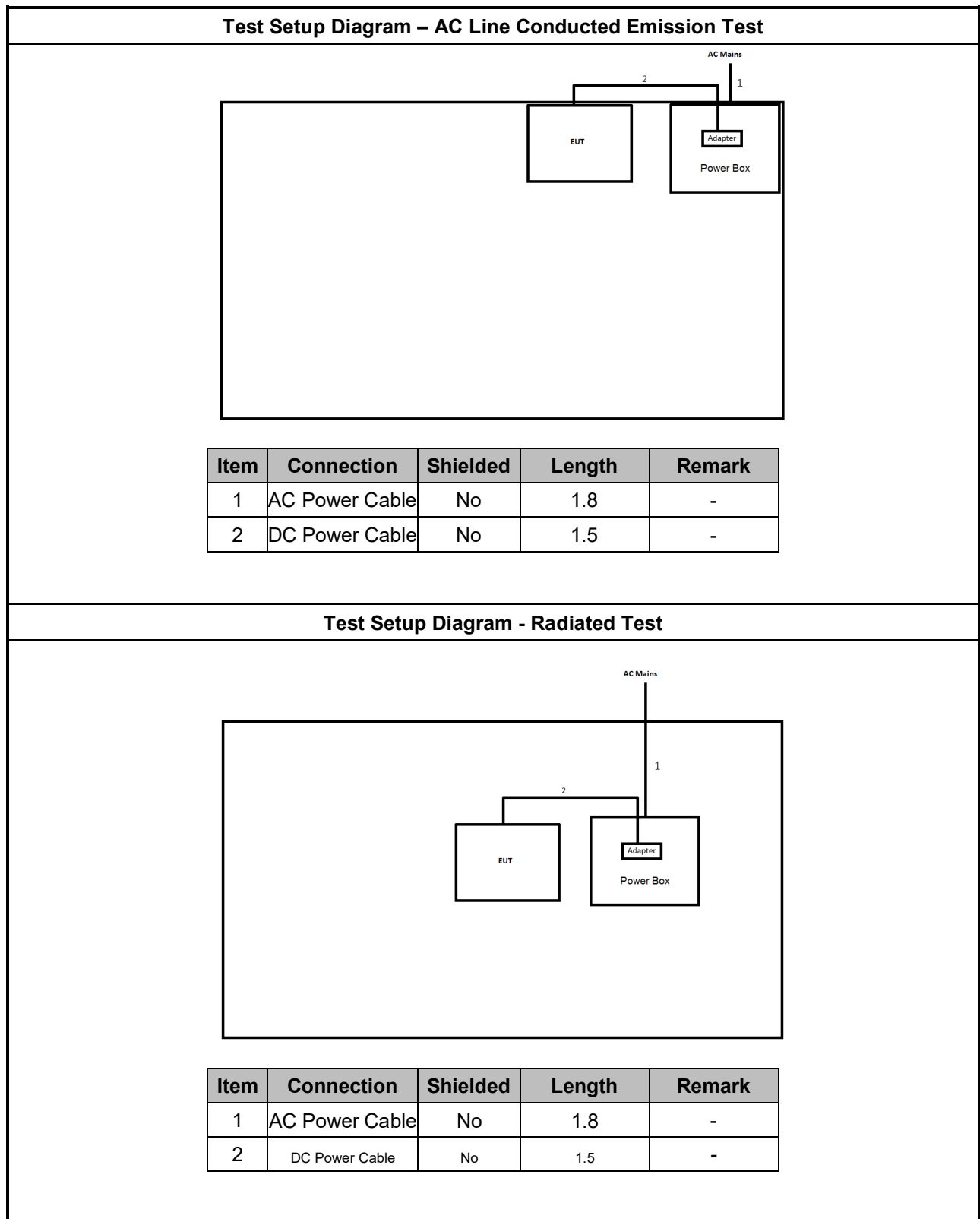
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – AC Conduction and Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter	ASIAN POWER DEVICES	WA-48B12R	-	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	AC Adapter	ASIAN POWER DEVICES	WA-48B12R	-	Provided by Customer

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

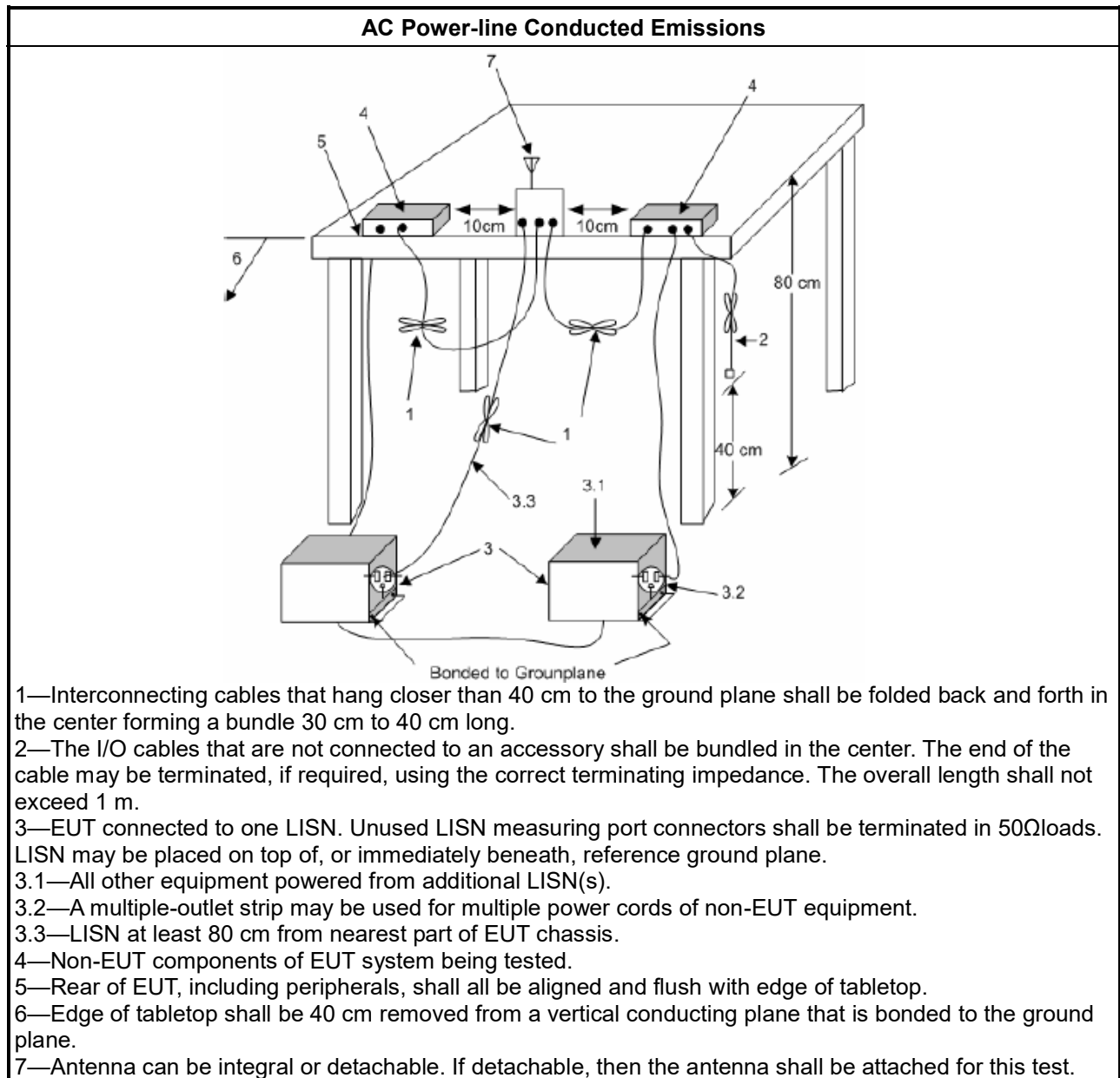
Test Method
Refer as ANSI C63.10, clause 6.2 foray power-line conducted emissions.

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.

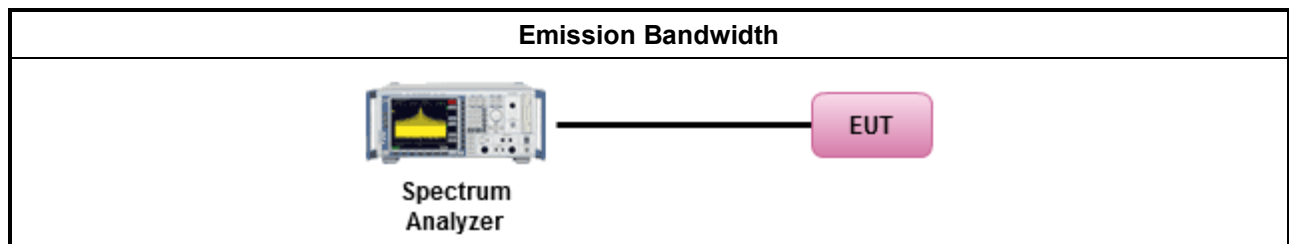
3.2.2 Measuring Instruments

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 $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ 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.	

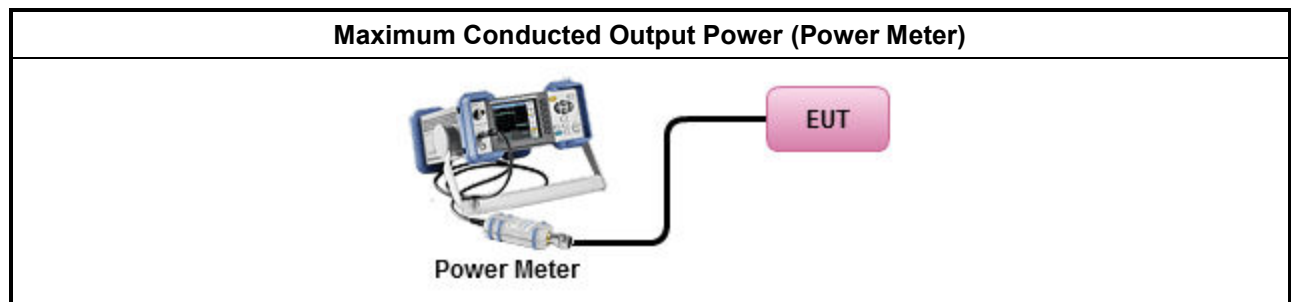
3.3.2 Measuring Instruments

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

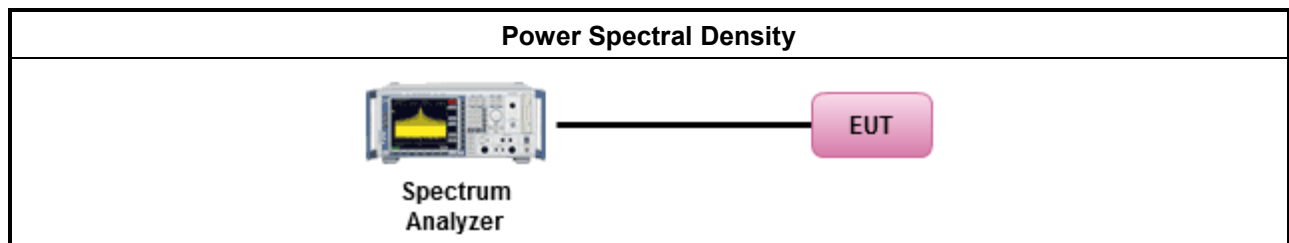
3.4.2 Measuring Instruments

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.	

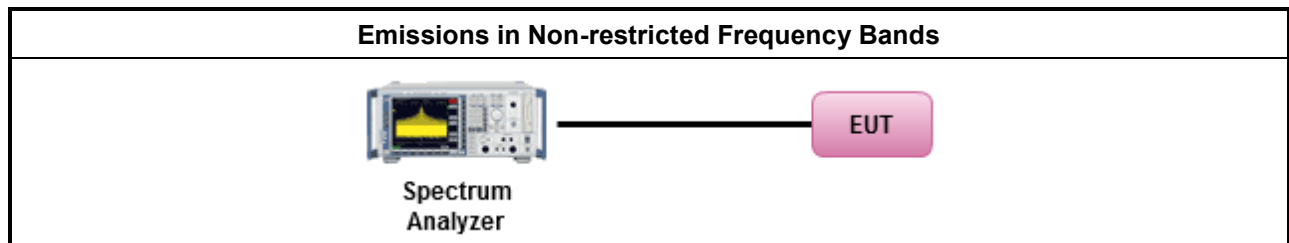
3.5.2 Measuring Instruments

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

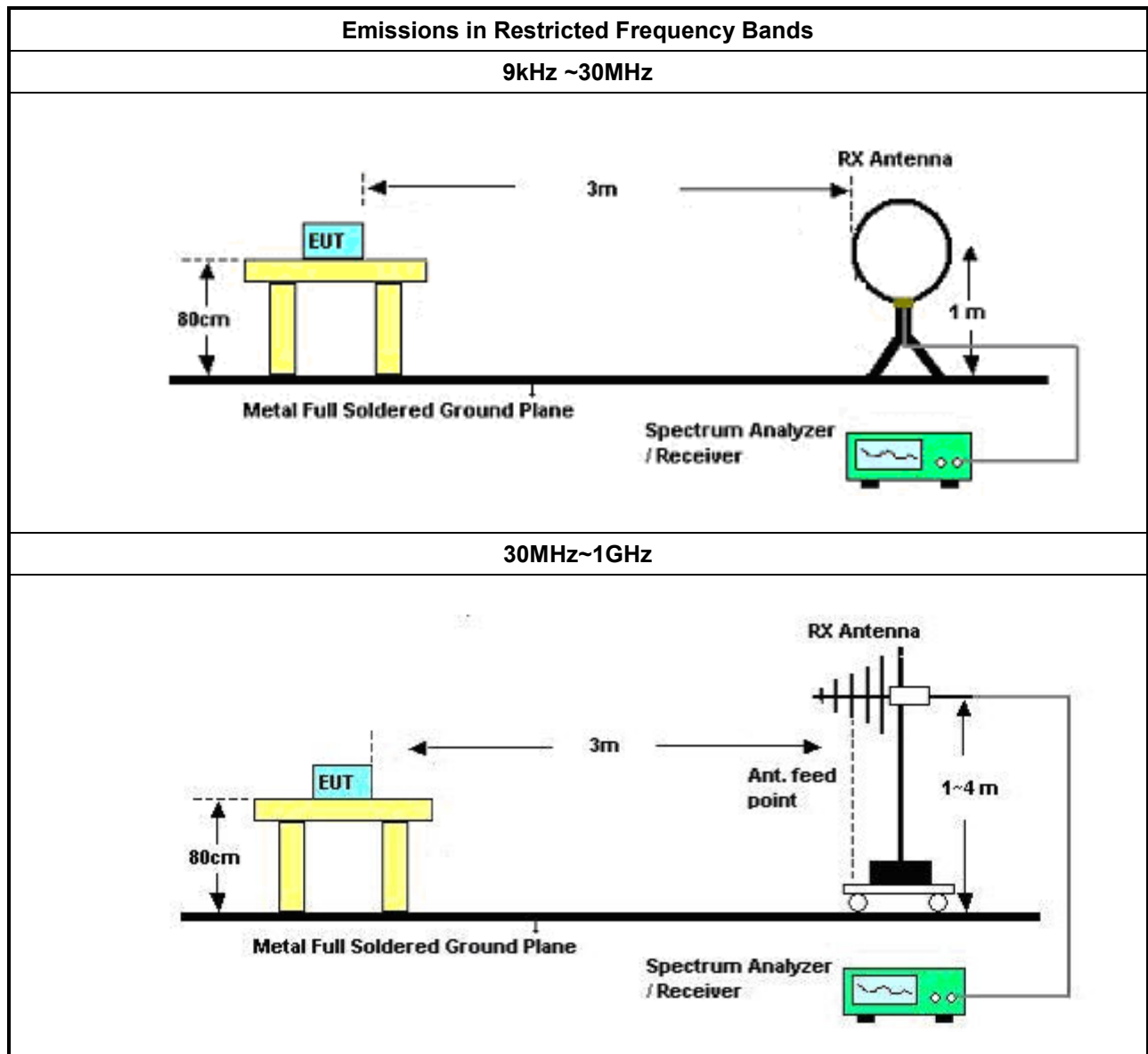
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted 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.

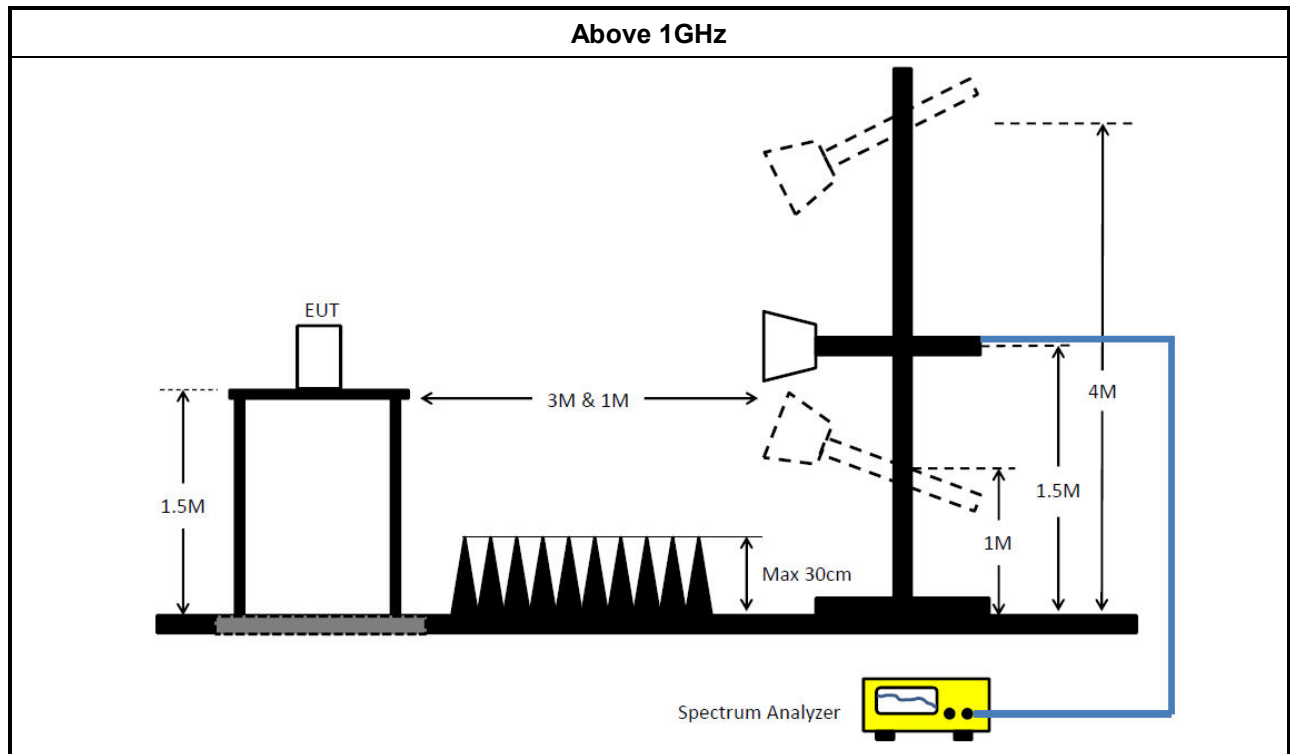
3.6.4 Measurement Results Calculation

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	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
SENSE-EMI	Sporton	V5.11.6	N/A	N/A	N/A	N/A

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 (03CH24-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	29/Jul/2025	28/Jul/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101345	10Hz~44GHz	26/Aug/2025	25/Aug/2026
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	1GHz~40GHz	02/Oct/2025	01/Oct/2026
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-EMI	Sporton	V5.11.10	NA	NA	NA	NA

**Instrument for Radiated Test (03CH02-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
N.S.A. Measurement	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3M	12/Jul/2025	11/Jul/2026
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	13/May/2026	12/May/2027
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101750	10Hz~44GHz	14/Apr/2026	13/Apr/2027
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2026	15/Mar/2027
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	25/Aug/2025	24/Aug/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	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 Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	30/Sep/2025	29/Sep/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	27/Apr/2026	26/Apr/2027
SENSE-15247-FS	Sporton	V5.11.23	N/A	N/A	N/A	N/A



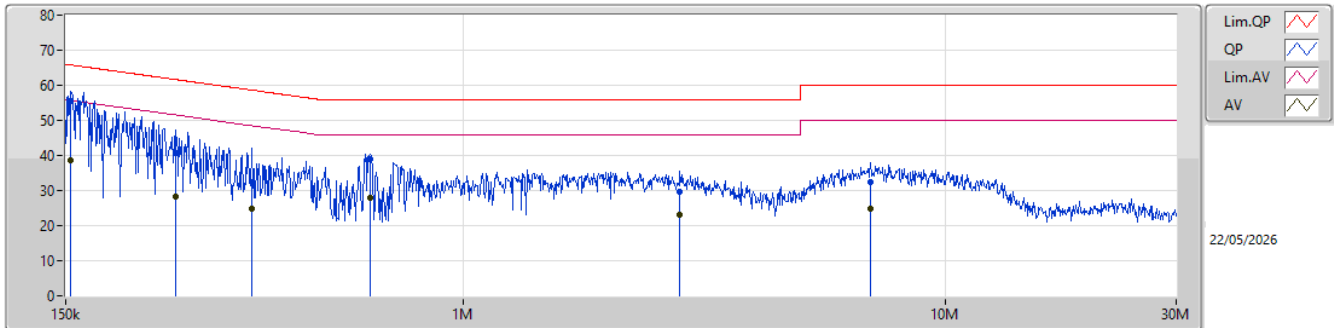
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.64k	55.46	65.81	-10.35	Line

Result

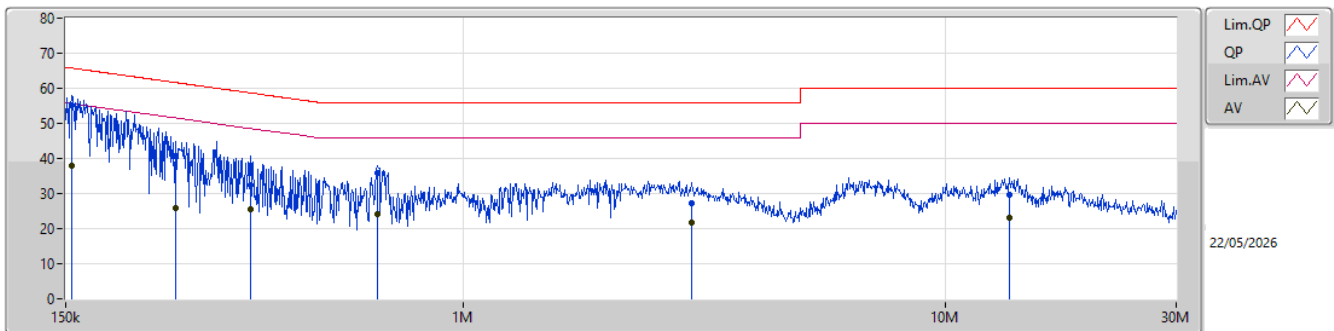
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.64k	55.46	65.81	-10.35	Line
Mode 1	Pass	AV	153.64k	38.58	55.81	-17.23	Line
Mode 1	Pass	QP	254.06k	40.75	61.62	-20.87	Line
Mode 1	Pass	AV	254.06k	28.18	51.62	-23.44	Line
Mode 1	Pass	QP	365.35k	32.52	58.60	-26.08	Line
Mode 1	Pass	AV	365.35k	24.97	48.60	-23.63	Line
Mode 1	Pass	QP	641.45k	38.85	56.00	-17.15	Line
Mode 1	Pass	AV	641.45k	27.84	46.00	-18.16	Line
Mode 1	Pass	QP	2.81M	29.49	56.00	-26.51	Line
Mode 1	Pass	AV	2.81M	23.17	46.00	-22.83	Line
Mode 1	Pass	QP	6.98M	32.26	60.00	-27.74	Line
Mode 1	Pass	AV	6.98M	24.77	50.00	-25.23	Line
Mode 1	Pass	QP	154.25k	55.26	65.77	-10.51	Neutral
Mode 1	Pass	AV	154.25k	38.04	55.77	-17.73	Neutral
Mode 1	Pass	QP	253.05k	40.55	61.66	-21.11	Neutral
Mode 1	Pass	AV	253.05k	25.95	51.66	-25.71	Neutral
Mode 1	Pass	QP	362.45k	32.56	58.68	-26.12	Neutral
Mode 1	Pass	AV	362.45k	25.56	48.68	-23.12	Neutral
Mode 1	Pass	QP	662.27k	35.89	56.00	-20.11	Neutral
Mode 1	Pass	AV	662.27k	24.30	46.00	-21.70	Neutral
Mode 1	Pass	QP	2.97M	27.21	56.00	-28.79	Neutral
Mode 1	Pass	AV	2.97M	21.77	46.00	-24.23	Neutral
Mode 1	Pass	QP	13.54M	29.66	60.00	-30.34	Neutral
Mode 1	Pass	AV	13.54M	23.14	50.00	-26.86	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Raw	LISN	CL	AT									
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)		(dBuV)	(dB)	(dB)	(dB)									
QP	153.64k	55.46	65.81	-10.35	19.93	Line	35.53	9.64	0.17	10.12									
AV	153.64k	38.58	55.81	-17.23	19.93	Line	18.65	9.64	0.17	10.12									
QP	254.06k	40.75	61.62	-20.87	19.88	Line	20.87	9.64	0.12	10.12									
AV	254.06k	28.18	51.62	-23.44	19.88	Line	8.30	9.64	0.12	10.12									
QP	365.35k	32.52	58.60	-26.08	19.85	Line	12.67	9.63	0.10	10.12									
AV	365.35k	24.97	48.60	-23.63	19.85	Line	5.12	9.63	0.10	10.12									
QP	641.45k	38.85	56.00	-17.15	19.84	Line	19.01	9.64	0.08	10.12									
AV	641.45k	27.84	46.00	-18.16	19.84	Line	8.00	9.64	0.08	10.12									
QP	2.81M	29.49	56.00	-26.51	19.86	Line	9.63	9.65	0.08	10.13									
AV	2.81M	23.17	46.00	-22.83	19.86	Line	3.31	9.65	0.08	10.13									
QP	6.98M	32.26	60.00	-27.74	20.02	Line	12.24	9.68	0.20	10.14									
AV	6.98M	24.77	50.00	-25.23	20.02	Line	4.75	9.68	0.20	10.14									

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Raw	LISN	CL	AT									
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)		(dBuV)	(dB)	(dB)	(dB)									
QP	154.25k	55.26	65.77	-10.51	19.93	Neutral	35.33	9.64	0.17	10.12									
AV	154.25k	38.04	55.77	-17.73	19.93	Neutral	18.11	9.64	0.17	10.12									
QP	253.05k	40.55	61.66	-21.11	19.87	Neutral	20.68	9.63	0.12	10.12									
AV	253.05k	25.95	51.66	-25.71	19.87	Neutral	6.08	9.63	0.12	10.12									
QP	362.45k	32.56	58.68	-26.12	19.85	Neutral	12.71	9.63	0.10	10.12									
AV	362.45k	25.56	48.68	-23.12	19.85	Neutral	5.71	9.63	0.10	10.12									
QP	662.27k	35.89	56.00	-20.11	19.84	Neutral	16.05	9.64	0.08	10.12									
AV	662.27k	24.30	46.00	-21.70	19.84	Neutral	4.46	9.64	0.08	10.12									
QP	2.97M	27.21	56.00	-28.79	19.88	Neutral	7.33	9.66	0.09	10.13									
AV	2.97M	21.77	46.00	-24.23	19.88	Neutral	1.89	9.66	0.09	10.13									
QP	13.54M	29.66	60.00	-30.34	20.16	Neutral	9.50	9.70	0.33	10.13									
AV	13.54M	23.14	50.00	-26.86	20.16	Neutral	2.98	9.70	0.33	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-LE(1Mbps)	763.75k	1.046M	1M05F1D	648.75k	1.043M
BT-LE(2Mbps)	1.34M	2.119M	2M12F1D	1.16M	2.099M

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

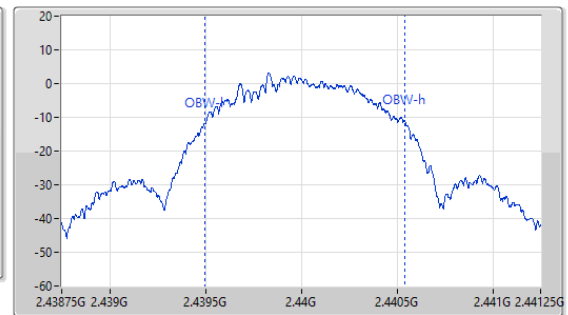
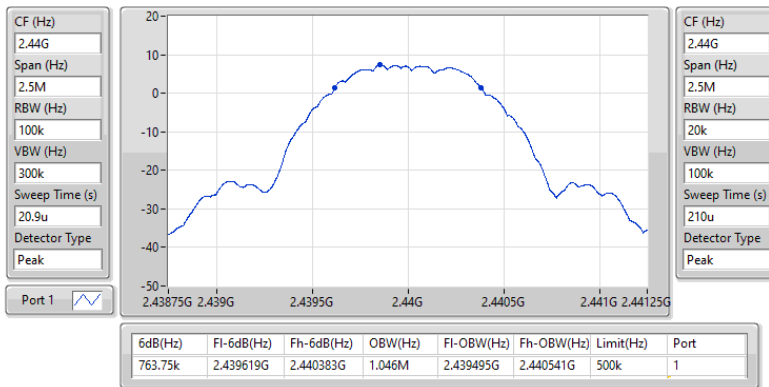
**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	648.75k	1.043M
2440MHz	Pass	500k	763.75k	1.046M
2480MHz	Pass	500k	731.25k	1.044M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.34M	2.099M
2440MHz	Pass	500k	1.16M	2.102M
2480MHz	Pass	500k	1.335M	2.119M

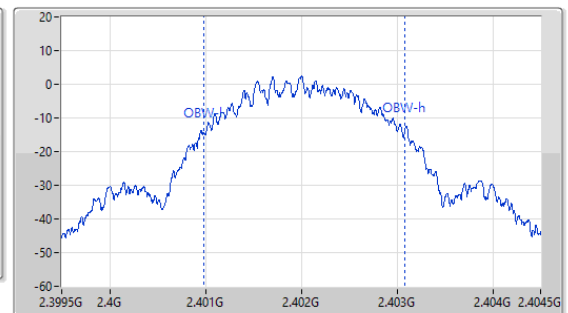
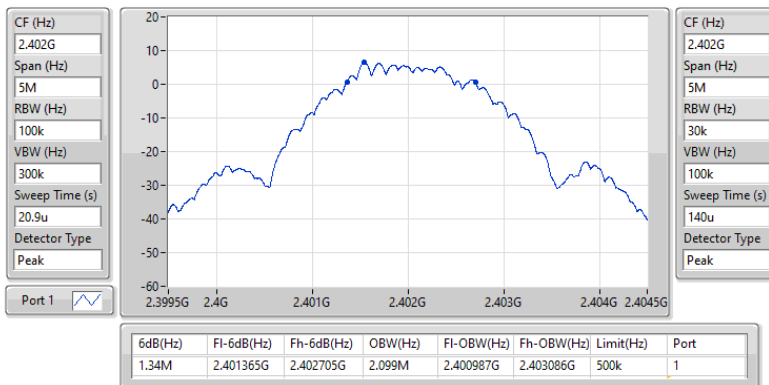
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

19/05/2026


2.4-2.4835GHz_BT-LE(2Mbps)
EBW-DTS
2402MHz

20/05/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	9.59	0.00910
BT-LE(2Mbps)	9.80	0.00955



Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	1.00	9.51	30.00
2440MHz	Pass	1.00	9.53	30.00
2480MHz	Pass	1.00	9.59	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	1.00	9.80	30.00
2440MHz	Pass	1.00	9.67	30.00
2480MHz	Pass	1.00	9.62	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)	-7.87
BT-LE(2Mbps)	-7.63

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	1.00	-8.01	8.00
2440MHz	Pass	1.00	-7.97	8.00
2480MHz	Pass	1.00	-7.87	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	1.00	-7.63	8.00
2440MHz	Pass	1.00	-7.82	8.00
2480MHz	Pass	1.00	-7.70	8.00

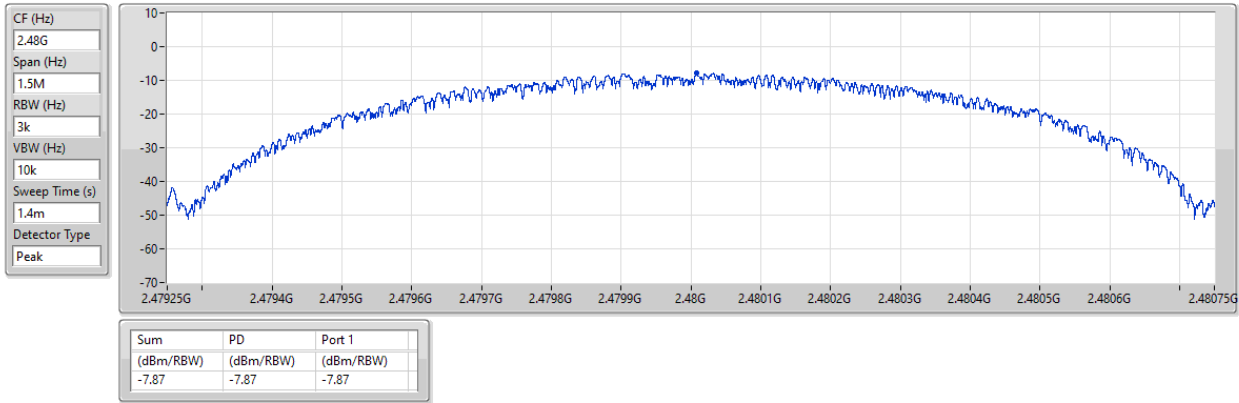
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2480MHz

19/05/2026

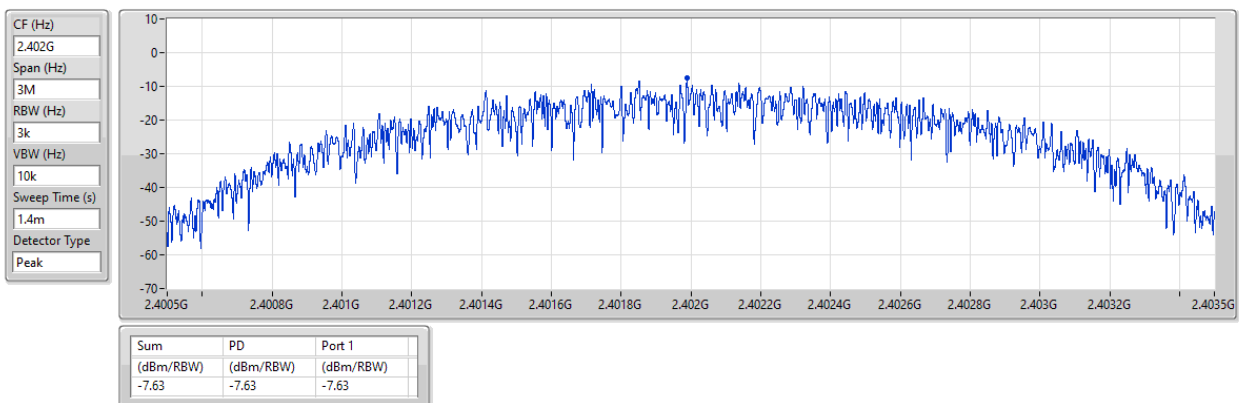


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2402MHz

20/05/2026





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)	Pass	2.48016G	8.54	-21.46	1.86065G	-53.48	2.4G	-43.57	2.4G	-43.26	2.50078G	-53.68	21.98828G	-41.78	1
BT-LE(2Mbps)	Pass	2.40217G	6.78	-23.22	2.09683G	-53.45	2.4G	-24.55	2.4G	-23.99	2.5005G	-53.54	21.99953G	-42.12	1

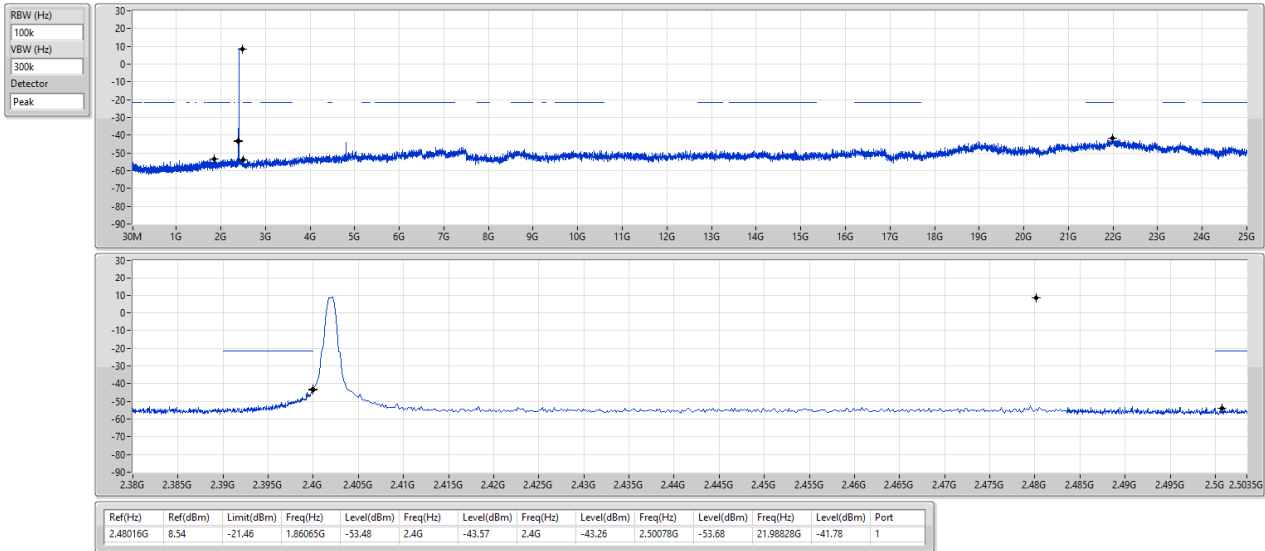
Result

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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.48016G	8.54	-21.46	1.86065G	-53.48	2.4G	-43.57	2.4G	-43.26	2.50078G	-53.68	21.98828G	-41.78	1
2440MHz	Pass	2.48016G	8.54	-21.46	2.09213G	-52.62	2.39996G	-53.21	2.4G	-55.02	2.50142G	-54.08	21.95454G	-40.71	1
2480MHz	Pass	2.48016G	8.54	-21.46	1.816G	-53.24	2.39288G	-53.39	2.4G	-55.60	2.5029G	-53.79	21.90673G	-40.79	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40217G	6.78	-23.22	2.09683G	-53.45	2.4G	-24.55	2.4G	-23.99	2.5005G	-53.54	21.99953G	-42.12	1
2440MHz	Pass	2.40217G	6.78	-23.22	1.76783G	-53.29	2.3912G	-53.17	2.4G	-54.84	2.50098G	-53.03	21.89267G	-41.69	1
2480MHz	Pass	2.40217G	6.78	-23.22	2.17085G	-52.99	2.39456G	-53.13	2.4G	-55.04	2.5007G	-53.30	21.91236G	-40.70	1

2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

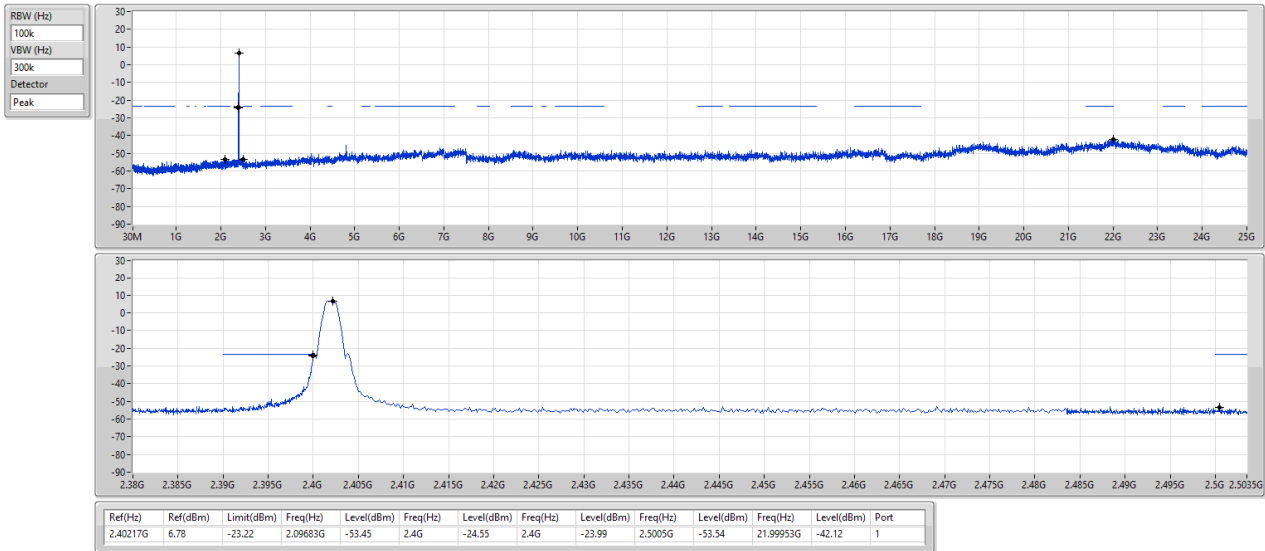
2402MHz



2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2402MHz





Summary

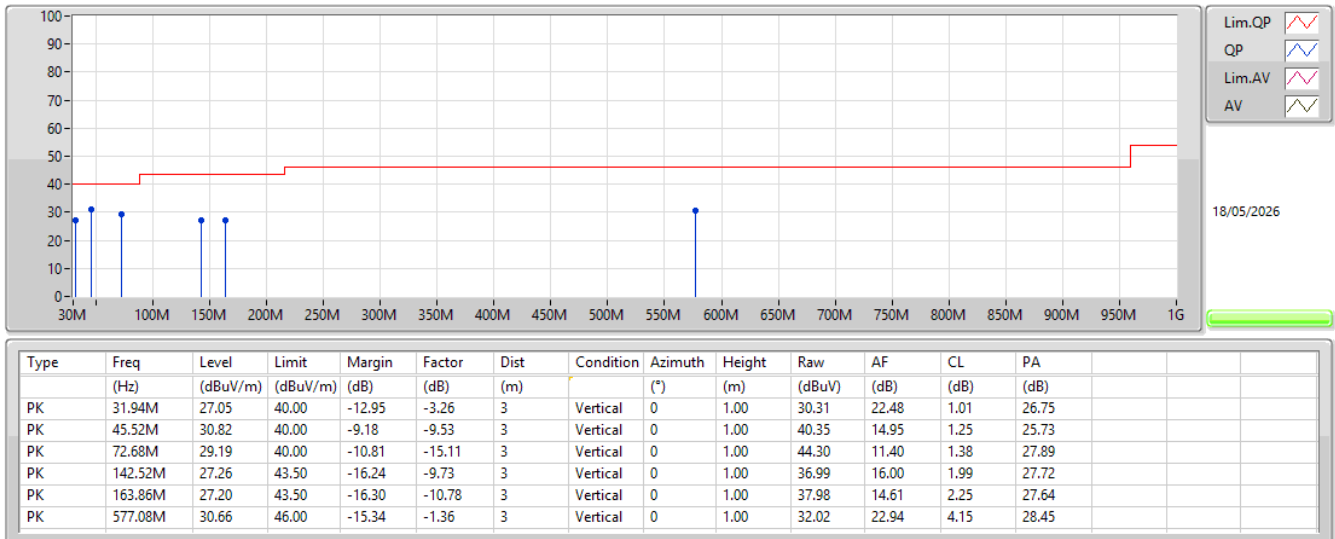
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	PK	45.52M	30.82	40.00	-9.18	3	Vertical	0	1.00

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	31.94M	27.05	40.00	-12.95	3	Vertical	0	1.00
2440MHz	Pass	PK	45.52M	30.82	40.00	-9.18	3	Vertical	0	1.00
2440MHz	Pass	PK	72.68M	29.19	40.00	-10.81	3	Vertical	0	1.00
2440MHz	Pass	PK	142.52M	27.26	43.50	-16.24	3	Vertical	0	1.00
2440MHz	Pass	PK	163.86M	27.20	43.50	-16.30	3	Vertical	0	1.00
2440MHz	Pass	PK	577.08M	30.66	46.00	-15.34	3	Vertical	0	1.00
2440MHz	Pass	PK	31.94M	26.28	40.00	-13.72	3	Horizontal	360	1.00
2440MHz	Pass	PK	47.46M	26.95	40.00	-13.05	3	Horizontal	360	1.00
2440MHz	Pass	PK	72.68M	23.64	40.00	-16.36	3	Horizontal	360	1.00
2440MHz	Pass	PK	144.46M	30.08	43.50	-13.42	3	Horizontal	360	1.00
2440MHz	Pass	PK	163.86M	28.09	43.50	-15.41	3	Horizontal	360	1.00
2440MHz	Pass	PK	187.14M	25.13	43.50	-18.37	3	Horizontal	360	1.00

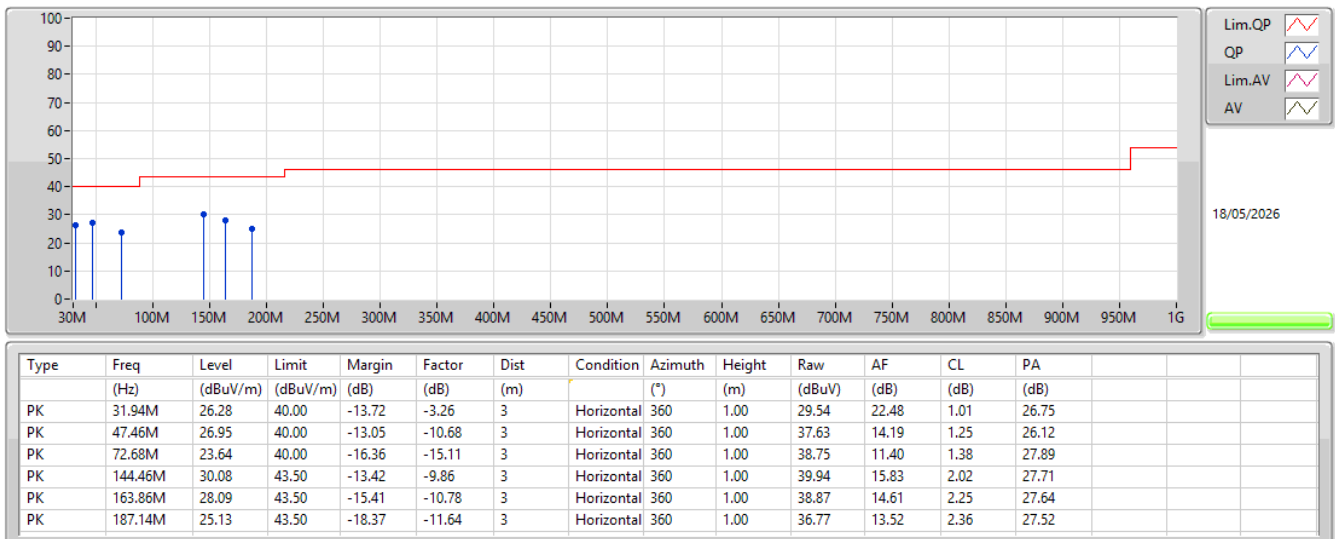
2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_Adapter



2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_Adapter





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	2.4835G	49.84	54.00	-4.16	3	Horizontal	309	1.15
BT-LE(2Mbps)	Pass	AV	2.4835G	53.46	54.00	-0.54	3	Horizontal	307	1.16

Result

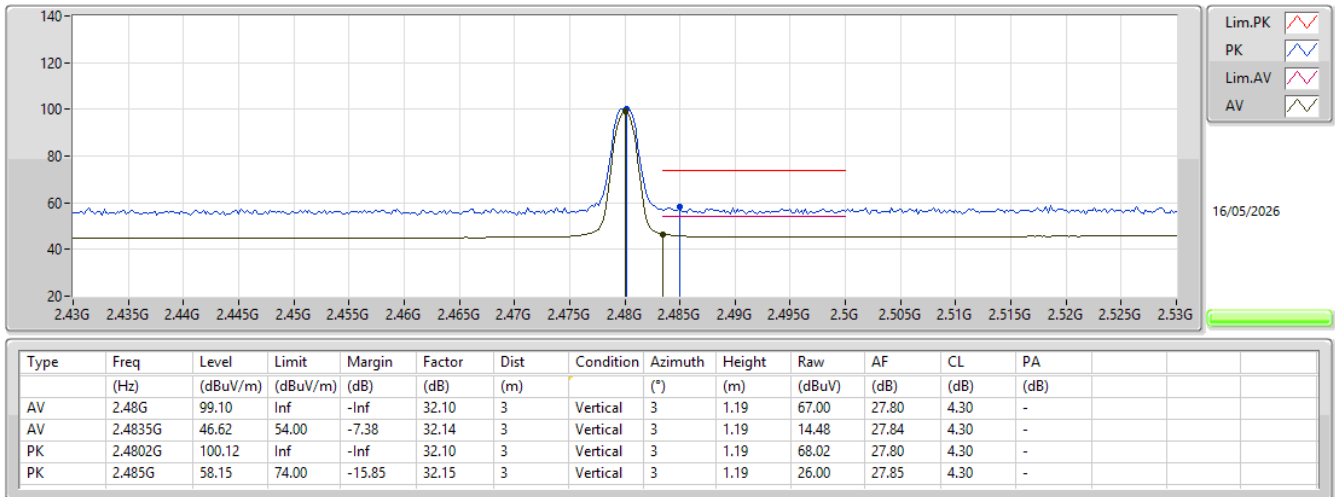
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3896G	44.87	54.00	-9.13	3	Vertical	237	1.12
2402MHz	Pass	AV	2.402G	98.91	Inf	-Inf	3	Vertical	237	1.12
2402MHz	Pass	PK	2.3892G	57.22	74.00	-16.78	3	Vertical	237	1.12
2402MHz	Pass	PK	2.4018G	99.91	Inf	-Inf	3	Vertical	237	1.12
2402MHz	Pass	AV	2.3896G	44.79	54.00	-9.21	3	Horizontal	308	1.28
2402MHz	Pass	AV	2.402G	104.05	Inf	-Inf	3	Horizontal	308	1.28
2402MHz	Pass	PK	2.3698G	57.45	74.00	-16.55	3	Horizontal	308	1.28
2402MHz	Pass	PK	2.4018G	105.05	Inf	-Inf	3	Horizontal	308	1.28
2402MHz	Pass	AV	4.80406G	40.76	54.00	-13.24	3	Vertical	1	1.28
2402MHz	Pass	PK	4.80472G	47.98	74.00	-26.02	3	Vertical	1	1.28
2402MHz	Pass	AV	4.804G	41.90	54.00	-12.10	3	Horizontal	351	1.95
2402MHz	Pass	PK	4.80358G	48.81	74.00	-25.19	3	Horizontal	351	1.95
2440MHz	Pass	AV	2.3896G	44.74	54.00	-9.26	3	Vertical	238	1.22
2440MHz	Pass	AV	2.44G	100.08	Inf	-Inf	3	Vertical	238	1.22
2440MHz	Pass	AV	2.4976G	45.42	54.00	-8.58	3	Vertical	238	1.22
2440MHz	Pass	PK	2.3768G	57.70	74.00	-16.30	3	Vertical	238	1.22
2440MHz	Pass	PK	2.4396G	101.09	Inf	-Inf	3	Vertical	238	1.22
2440MHz	Pass	PK	2.4864G	57.21	74.00	-16.79	3	Vertical	238	1.22
2440MHz	Pass	AV	2.3828G	44.90	54.00	-9.10	3	Horizontal	305	1.06
2440MHz	Pass	AV	2.44G	106.96	Inf	-Inf	3	Horizontal	305	1.06
2440MHz	Pass	AV	2.4924G	45.61	54.00	-8.39	3	Horizontal	305	1.06
2440MHz	Pass	PK	2.3496G	56.76	74.00	-17.24	3	Horizontal	305	1.06
2440MHz	Pass	PK	2.4396G	107.96	Inf	-Inf	3	Horizontal	305	1.06
2440MHz	Pass	PK	2.4856G	58.93	74.00	-15.07	3	Horizontal	305	1.06
2440MHz	Pass	AV	4.88002G	40.66	54.00	-13.34	3	Vertical	356	1.35
2440MHz	Pass	PK	4.87954G	48.47	74.00	-25.53	3	Vertical	356	1.35
2440MHz	Pass	AV	4.87998G	40.75	54.00	-13.25	3	Horizontal	11	1.37
2440MHz	Pass	PK	4.88042G	48.13	74.00	-25.87	3	Horizontal	11	1.37
2480MHz	Pass	AV	2.48G	99.10	Inf	-Inf	3	Vertical	3	1.19
2480MHz	Pass	AV	2.4835G	46.62	54.00	-7.38	3	Vertical	3	1.19
2480MHz	Pass	PK	2.4802G	100.12	Inf	-Inf	3	Vertical	3	1.19
2480MHz	Pass	PK	2.485G	58.15	74.00	-15.85	3	Vertical	3	1.19
2480MHz	Pass	AV	2.48G	106.16	Inf	-Inf	3	Horizontal	309	1.15
2480MHz	Pass	AV	2.4835G	49.84	54.00	-4.16	3	Horizontal	309	1.15
2480MHz	Pass	PK	2.4798G	107.14	Inf	-Inf	3	Horizontal	309	1.15
2480MHz	Pass	PK	2.4836G	60.40	74.00	-13.60	3	Horizontal	309	1.15
2480MHz	Pass	AV	4.96004G	45.38	54.00	-8.62	3	Vertical	346	1.58
2480MHz	Pass	PK	4.9596G	51.53	74.00	-22.47	3	Vertical	346	1.58
2480MHz	Pass	AV	4.95998G	46.31	54.00	-7.69	3	Horizontal	354	2.43
2480MHz	Pass	PK	4.95946G	52.52	74.00	-21.48	3	Horizontal	354	2.43
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3898G	44.92	54.00	-9.08	3	Vertical	237	1.11
2402MHz	Pass	AV	2.402G	99.45	Inf	-Inf	3	Vertical	237	1.11
2402MHz	Pass	PK	2.373G	57.66	74.00	-16.34	3	Vertical	237	1.11
2402MHz	Pass	PK	2.4022G	100.47	Inf	-Inf	3	Vertical	237	1.11
2402MHz	Pass	AV	2.3892G	44.96	54.00	-9.04	3	Horizontal	307	1.08
2402MHz	Pass	AV	2.402G	105.04	Inf	-Inf	3	Horizontal	307	1.08
2402MHz	Pass	PK	2.3614G	57.08	74.00	-16.92	3	Horizontal	307	1.08
2402MHz	Pass	PK	2.4018G	106.03	Inf	-Inf	3	Horizontal	307	1.08
2402MHz	Pass	AV	4.80488G	38.51	54.00	-15.49	3	Vertical	2	1.28
2402MHz	Pass	PK	4.80478G	47.94	74.00	-26.06	3	Vertical	2	1.28
2402MHz	Pass	AV	4.80312G	39.67	54.00	-14.33	3	Horizontal	351	1.95
2402MHz	Pass	PK	4.80496G	48.83	74.00	-25.17	3	Horizontal	351	1.95
2440MHz	Pass	AV	2.3896G	44.92	54.00	-9.08	3	Vertical	246	1.23
2440MHz	Pass	AV	2.44G	95.99	Inf	-Inf	3	Vertical	246	1.23
2440MHz	Pass	AV	2.4944G	45.59	54.00	-8.41	3	Vertical	246	1.23
2440MHz	Pass	PK	2.3552G	57.04	74.00	-16.96	3	Vertical	246	1.23
2440MHz	Pass	PK	2.4404G	98.59	Inf	-Inf	3	Vertical	246	1.23
2440MHz	Pass	PK	2.4916G	58.64	74.00	-15.36	3	Vertical	246	1.23
2440MHz	Pass	AV	2.388G	44.93	54.00	-9.07	3	Horizontal	304	1.05



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2440MHz	Pass	AV	2.44G	102.12	Inf	-Inf	3	Horizontal	304	1.05
2440MHz	Pass	AV	2.4996G	45.60	54.00	-8.40	3	Horizontal	304	1.05
2440MHz	Pass	PK	2.346G	57.88	74.00	-16.12	3	Horizontal	304	1.05
2440MHz	Pass	PK	2.4404G	104.73	Inf	-Inf	3	Horizontal	304	1.05
2440MHz	Pass	PK	2.4996G	57.60	74.00	-16.40	3	Horizontal	304	1.05
2440MHz	Pass	AV	4.8809G	38.91	54.00	-15.09	3	Vertical	360	1.42
2440MHz	Pass	PK	4.87912G	48.25	74.00	-25.75	3	Vertical	360	1.42
2440MHz	Pass	AV	4.8809G	38.91	54.00	-15.09	3	Horizontal	9	1.38
2440MHz	Pass	PK	4.87922G	47.91	74.00	-26.09	3	Horizontal	9	1.38
2480MHz	Pass	AV	2.48G	97.50	Inf	-Inf	3	Vertical	4	1.18
2480MHz	Pass	AV	2.4835G	48.80	54.00	-5.20	3	Vertical	4	1.18
2480MHz	Pass	PK	2.4804G	100.09	Inf	-Inf	3	Vertical	4	1.18
2480MHz	Pass	PK	2.4835G	59.76	74.00	-14.24	3	Vertical	4	1.18
2480MHz	Pass	AV	2.48G	104.29	Inf	-Inf	3	Horizontal	307	1.16
2480MHz	Pass	AV	2.4835G	53.46	54.00	-0.54	3	Horizontal	307	1.16
2480MHz	Pass	PK	2.4796G	106.83	Inf	-Inf	3	Horizontal	307	1.16
2480MHz	Pass	PK	2.4835G	64.70	74.00	-9.30	3	Horizontal	307	1.16
2480MHz	Pass	AV	4.95916G	40.86	54.00	-13.14	3	Vertical	347	1.47
2480MHz	Pass	PK	4.95914G	50.26	74.00	-23.74	3	Vertical	347	1.47
2480MHz	Pass	AV	4.95912G	43.33	54.00	-10.67	3	Horizontal	355	1.26
2480MHz	Pass	PK	4.95902G	51.61	74.00	-22.39	3	Horizontal	355	1.26

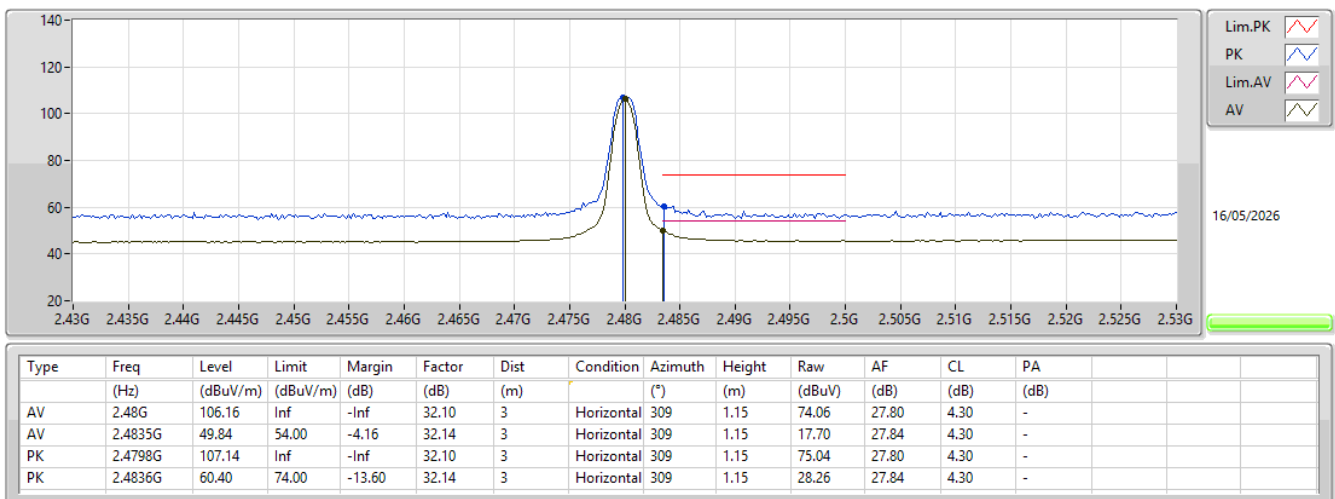
2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX



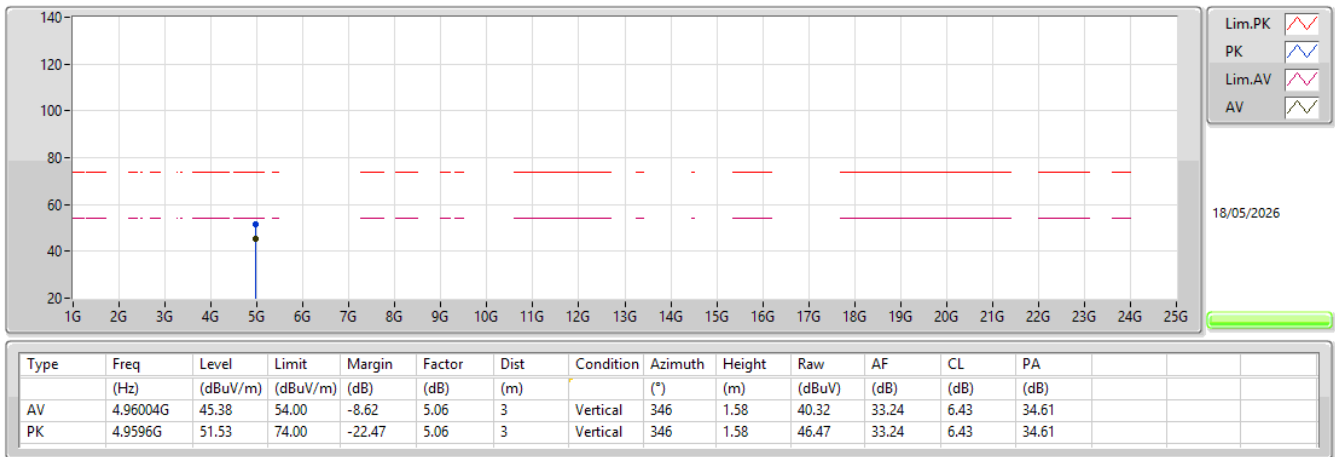
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2480MHz_TX



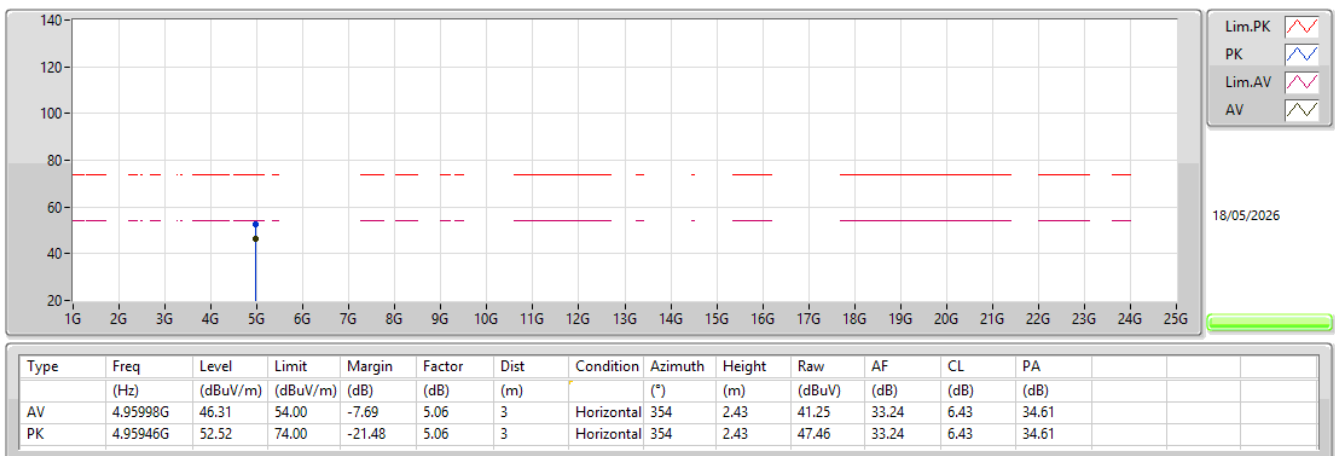
2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX



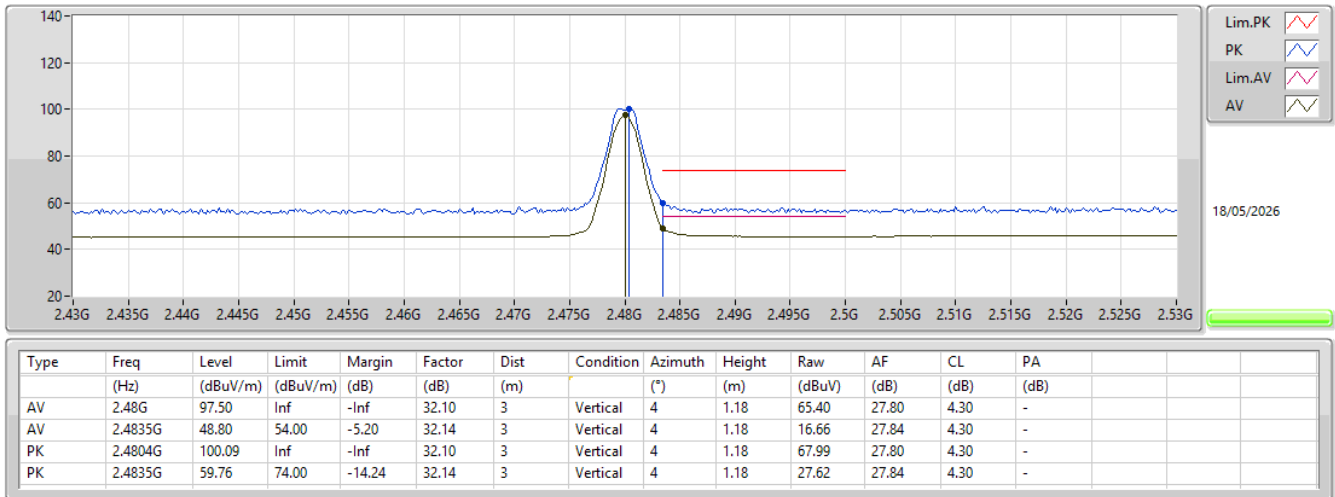
2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX



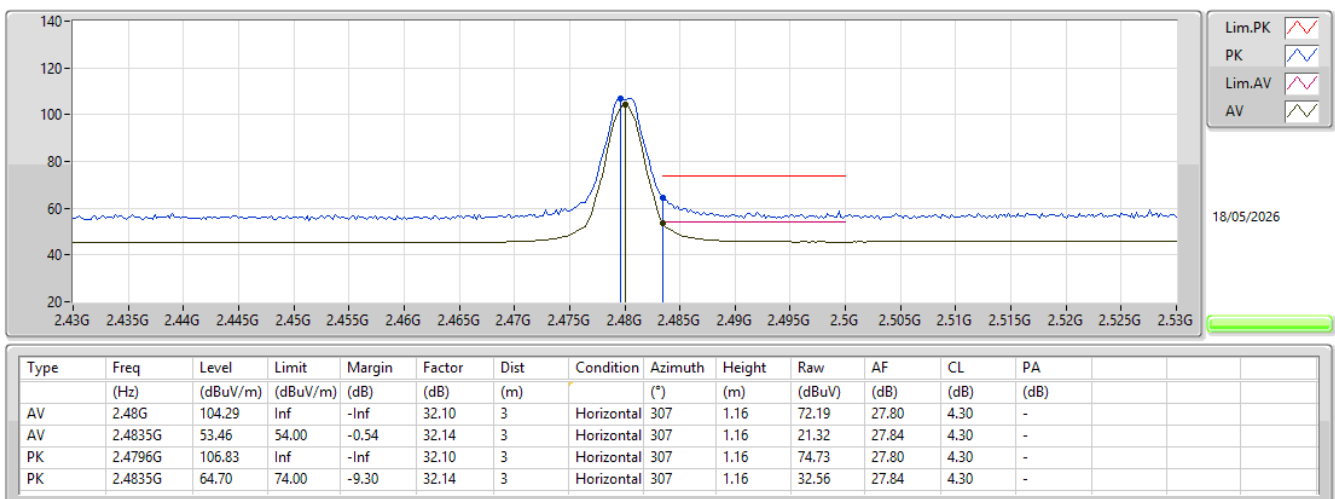
2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



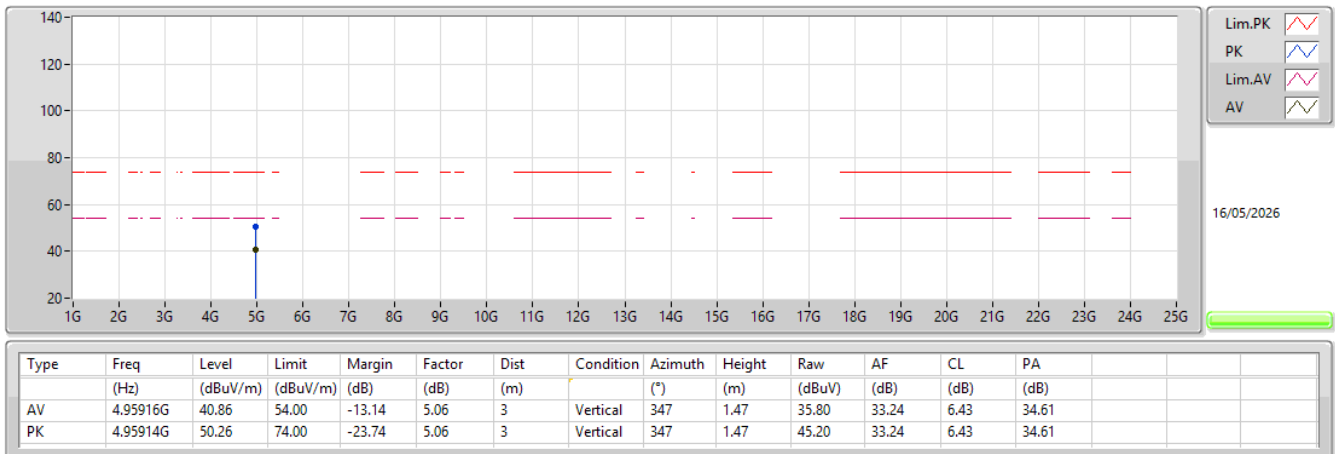
2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



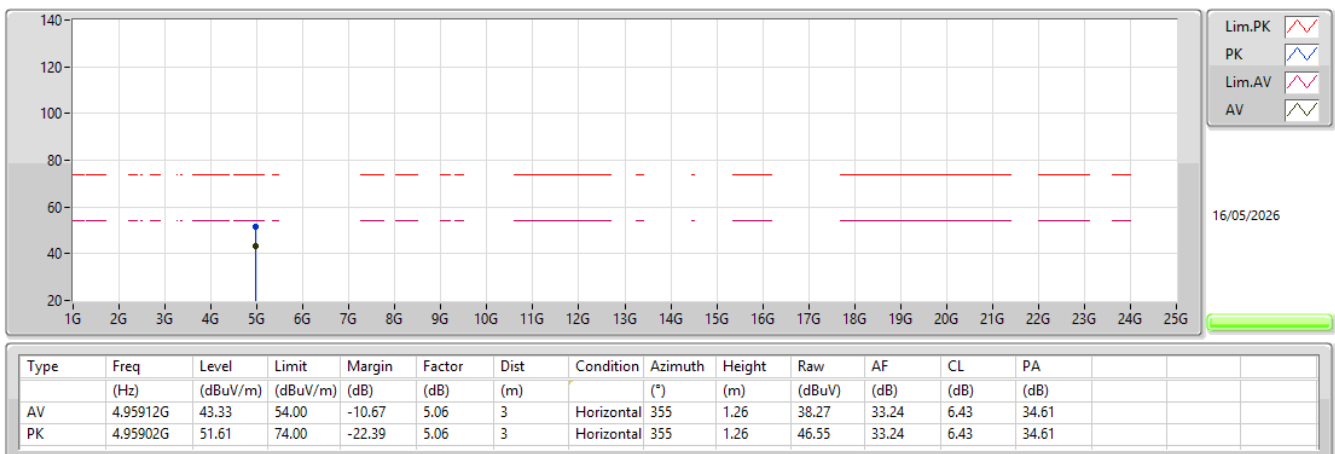
2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



Summary

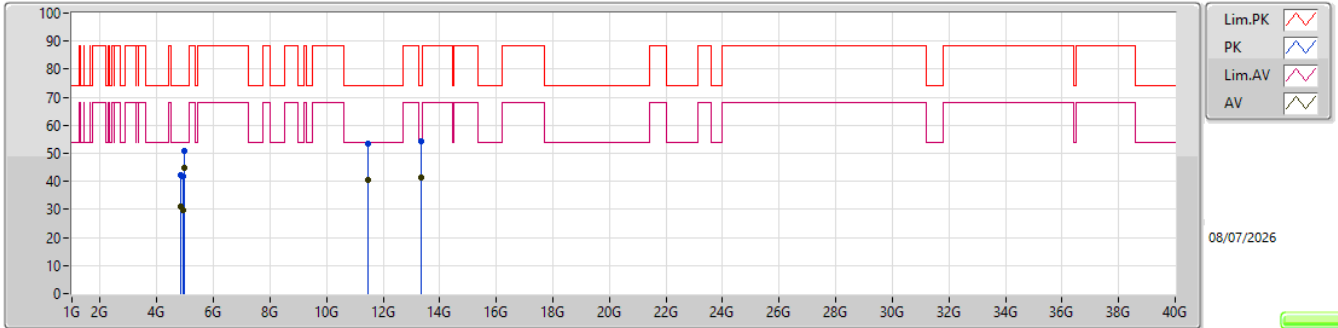
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.95997G	44.84	54.00	-9.16	Vertical
Mode 2	Pass	AV	4.95997G	45.01	54.00	-8.99	Vertical
Mode 3	Pass	AV	4.96G	45.05	54.00	-8.95	Vertical

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.82403G	31.13	54.00	-22.87	3	Vertical	43	1.23
Mode 1	Pass	AV	4.924G	29.80	54.00	-24.20	3	Vertical	22	1.37
Mode 1	Pass	AV	4.95997G	44.84	54.00	-9.16	3	Vertical	355	1.12
Mode 1	Pass	AV	11.48166G	40.44	54.00	-13.56	3	Vertical	230	1.00
Mode 1	Pass	AV	13.33123G	41.26	54.00	-12.74	3	Vertical	113	1.50
Mode 1	Pass	PK	4.83267G	42.18	74.00	-31.82	3	Vertical	43	1.23
Mode 1	Pass	PK	4.92622G	41.96	74.00	-32.04	3	Vertical	22	1.37
Mode 1	Pass	PK	4.95943G	50.91	74.00	-23.09	3	Vertical	355	1.12
Mode 1	Pass	PK	11.48061G	53.43	74.00	-20.57	3	Vertical	230	1.00
Mode 1	Pass	PK	13.3258G	54.47	74.00	-19.53	3	Vertical	113	1.50
Mode 1	Pass	AV	4.82409G	35.02	54.00	-18.98	3	Horizontal	2	1.52
Mode 1	Pass	AV	4.92394G	30.10	54.00	-23.90	3	Horizontal	354	1.43
Mode 1	Pass	AV	4.95994G	44.00	54.00	-10.00	3	Horizontal	348	1.29
Mode 1	Pass	AV	11.49522G	40.24	54.00	-13.76	3	Horizontal	5	1.50
Mode 1	Pass	AV	13.32568G	41.25	54.00	-12.75	3	Horizontal	337	2.52
Mode 1	Pass	PK	4.82415G	43.40	74.00	-30.60	3	Horizontal	2	1.52
Mode 1	Pass	PK	4.92385G	41.94	74.00	-32.06	3	Horizontal	354	1.43
Mode 1	Pass	PK	4.95937G	50.00	74.00	-24.00	3	Horizontal	348	1.29
Mode 1	Pass	PK	11.49102G	53.39	74.00	-20.61	3	Horizontal	5	1.50
Mode 1	Pass	PK	13.33306G	55.23	74.00	-18.77	3	Horizontal	337	2.52
Mode 2	Pass	AV	4.82403G	35.20	54.00	-18.80	3	Vertical	349	2.01
Mode 2	Pass	AV	4.95997G	45.01	54.00	-8.99	3	Vertical	353	1.13
Mode 2	Pass	AV	11.49636G	40.09	54.00	-13.91	3	Vertical	29	1.50
Mode 2	Pass	AV	11.56043G	39.59	54.00	-14.41	3	Vertical	41	2.44
Mode 2	Pass	AV	13.33168G	41.47	54.00	-12.53	3	Vertical	134	1.50
Mode 2	Pass	PK	4.82424G	44.30	74.00	-29.70	3	Vertical	349	2.01
Mode 2	Pass	PK	4.96048G	51.15	74.00	-22.85	3	Vertical	353	1.13
Mode 2	Pass	PK	11.48415G	53.58	74.00	-20.42	3	Vertical	29	1.50
Mode 2	Pass	PK	11.57387G	53.41	74.00	-20.59	3	Vertical	41	2.44
Mode 2	Pass	PK	13.32169G	54.62	74.00	-19.38	3	Vertical	134	1.50
Mode 2	Pass	AV	4.82409G	31.83	54.00	-22.17	3	Horizontal	360	1.95
Mode 2	Pass	AV	4.95994G	44.61	54.00	-9.39	3	Horizontal	350	1.30
Mode 2	Pass	AV	11.48037G	40.11	54.00	-13.89	3	Horizontal	125	1.50
Mode 2	Pass	AV	11.55818G	39.63	54.00	-14.37	3	Horizontal	143	1.50
Mode 2	Pass	AV	13.31761G	41.25	54.00	-12.75	3	Horizontal	159	1.05
Mode 2	Pass	PK	4.82787G	43.77	74.00	-30.23	3	Horizontal	360	1.95
Mode 2	Pass	PK	4.95949G	50.94	74.00	-23.06	3	Horizontal	350	1.30
Mode 2	Pass	PK	11.48415G	53.34	74.00	-20.66	3	Horizontal	125	1.50
Mode 2	Pass	PK	11.55635G	53.90	74.00	-20.10	3	Horizontal	143	1.50
Mode 2	Pass	PK	13.32469G	54.41	74.00	-19.59	3	Horizontal	159	1.05
Mode 3	Pass	AV	4.82397G	34.60	54.00	-19.40	3	Vertical	343	2.18
Mode 3	Pass	AV	4.96G	45.05	54.00	-8.95	3	Vertical	352	1.12
Mode 3	Pass	AV	11.49854G	40.14	54.00	-13.86	3	Vertical	249	1.50
Mode 3	Pass	AV	13.36602G	41.22	54.00	-12.78	3	Vertical	181	1.50
Mode 3	Pass	AV	13.4767G	41.77	68.20	-26.43	3	Vertical	357	1.74
Mode 3	Pass	PK	4.82406G	42.93	74.00	-31.07	3	Vertical	343	2.18
Mode 3	Pass	PK	4.95943G	51.08	74.00	-22.92	3	Vertical	352	1.12
Mode 3	Pass	PK	11.4842G	53.36	74.00	-20.64	3	Vertical	249	1.50
Mode 3	Pass	PK	13.36452G	54.89	74.00	-19.11	3	Vertical	181	1.50
Mode 3	Pass	PK	13.3966G	54.35	74.00	-19.65	3	Vertical	357	1.74

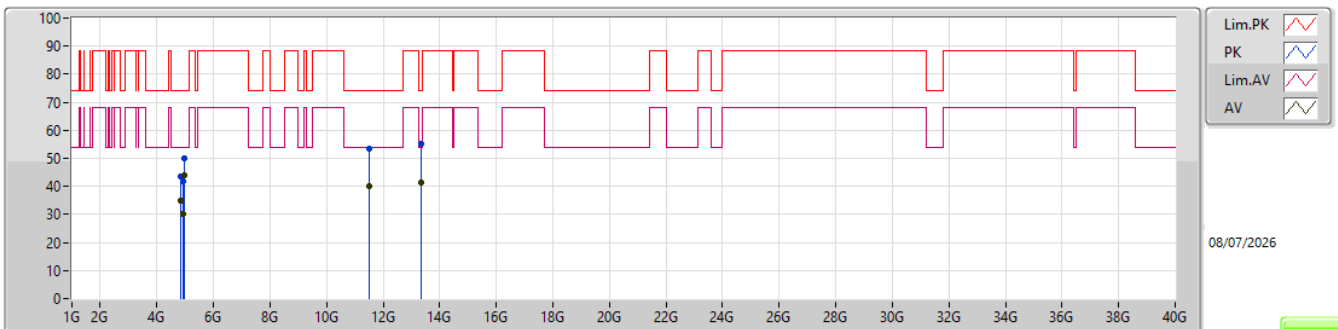
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 3	Pass	AV	4.82412G	34.92	54.00	-19.08	3	Horizontal	360	1.36
Mode 3	Pass	AV	4.95997G	44.48	54.00	-9.52	3	Horizontal	352	1.30
Mode 3	Pass	AV	11.49552G	40.25	54.00	-13.75	3	Horizontal	68	1.50
Mode 3	Pass	AV	13.3374G	41.67	54.00	-12.33	3	Horizontal	67	1.61
Mode 3	Pass	AV	13.36733G	41.24	54.00	-12.76	3	Horizontal	74	1.17
Mode 3	Pass	PK	4.82409G	43.34	74.00	-30.66	3	Horizontal	360	1.36
Mode 3	Pass	PK	4.95964G	50.64	74.00	-23.36	3	Horizontal	352	1.30
Mode 3	Pass	PK	11.49508G	53.50	74.00	-20.50	3	Horizontal	68	1.50
Mode 3	Pass	PK	13.3G	54.70	74.00	-19.30	3	Horizontal	67	1.61
Mode 3	Pass	PK	13.37408G	54.78	74.00	-19.22	3	Horizontal	74	1.17

Radiated Emissions above 1GHz_Mode 1



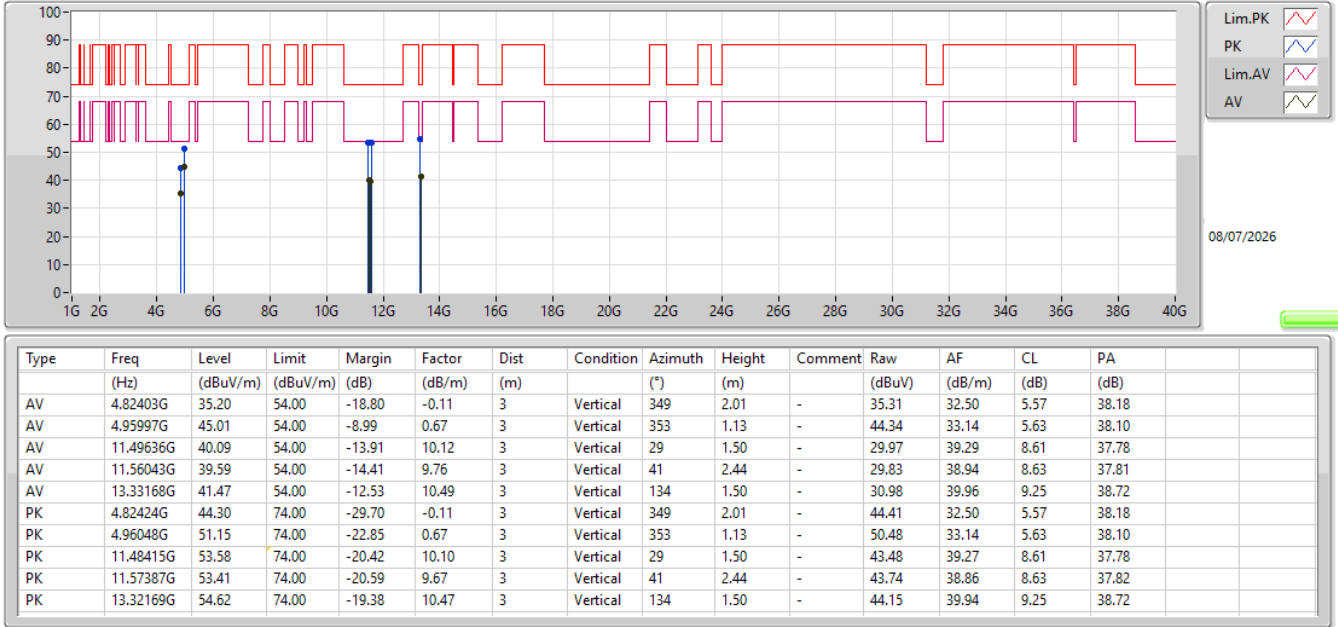
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82403G	31.13	54.00	-22.87	-0.11	3	Vertical	43	1.23	-	31.24	32.50	5.57	38.18
AV	4.924G	29.80	54.00	-24.20	0.39	3	Vertical	22	1.37	-	29.41	32.89	5.62	38.12
AV	4.95997G	44.84	54.00	-9.16	0.67	3	Vertical	355	1.12	-	44.17	33.14	5.63	38.10
AV	11.48166G	40.44	54.00	-13.56	10.09	3	Vertical	230	1.00	-	30.35	39.26	8.61	37.78
AV	13.33123G	41.26	54.00	-12.74	10.49	3	Vertical	113	1.50	-	30.77	39.96	9.25	38.72
PK	4.83267G	42.18	74.00	-31.82	-0.08	3	Vertical	43	1.23	-	42.26	32.53	5.57	38.18
PK	4.92622G	41.96	74.00	-32.04	0.41	3	Vertical	22	1.37	-	41.55	32.91	5.62	38.12
PK	4.95943G	50.91	74.00	-23.09	0.67	3	Vertical	355	1.12	-	50.24	33.14	5.63	38.10
PK	11.48061G	53.43	74.00	-20.57	10.09	3	Vertical	230	1.00	-	43.34	39.26	8.61	37.78
PK	13.3258G	54.47	74.00	-19.53	10.48	3	Vertical	113	1.50	-	43.99	39.95	9.25	38.72

Radiated Emissions above 1GHz_Mode 1

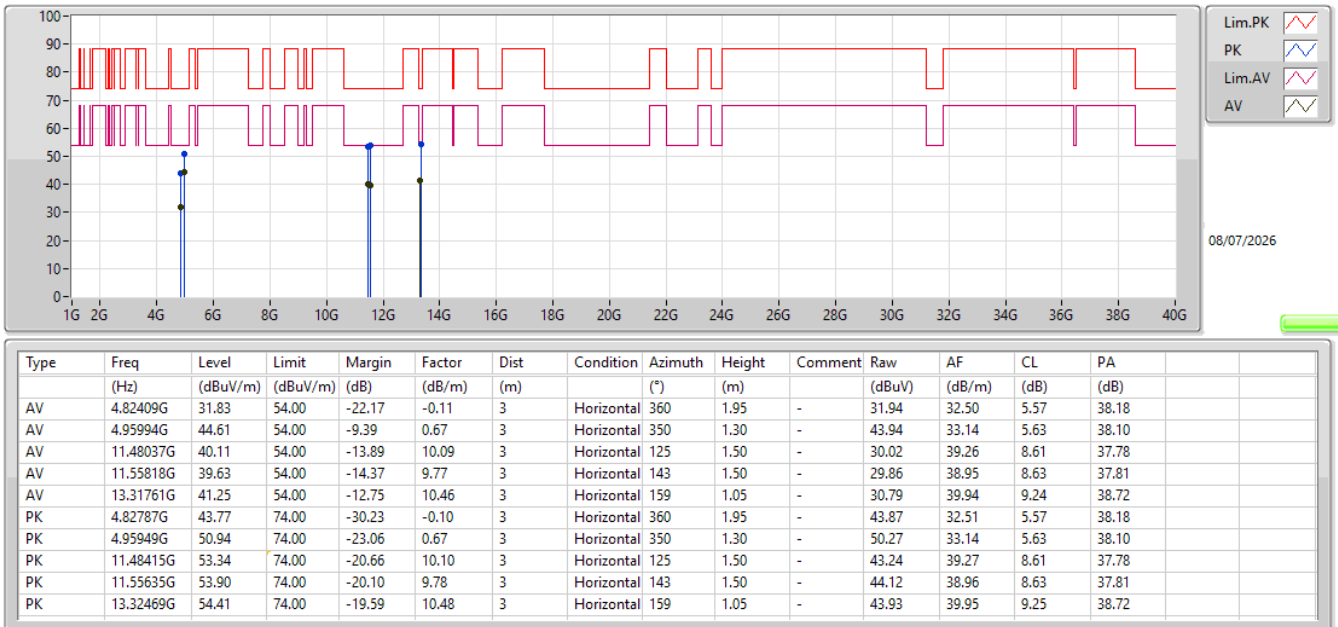


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82409G	35.02	54.00	-18.98	-0.11	3	Horizontal	2	1.52	-	35.13	32.50	5.57	38.18
AV	4.92394G	30.10	54.00	-23.90	0.39	3	Horizontal	354	1.43	-	29.71	32.89	5.62	38.12
AV	4.95994G	44.00	54.00	-10.00	0.67	3	Horizontal	348	1.29	-	43.33	33.14	5.63	38.10
AV	11.49522G	40.24	54.00	-13.76	10.12	3	Horizontal	5	1.50	-	30.12	39.29	8.61	37.78
AV	13.32568G	41.25	54.00	-12.75	10.48	3	Horizontal	337	2.52	-	30.77	39.95	9.25	38.72
PK	4.82415G	43.40	74.00	-30.60	-0.11	3	Horizontal	2	1.52	-	43.51	32.50	5.57	38.18
PK	4.92385G	41.94	74.00	-32.06	0.39	3	Horizontal	354	1.43	-	41.55	32.89	5.62	38.12
PK	4.95937G	50.00	74.00	-24.00	0.67	3	Horizontal	348	1.29	-	49.33	33.14	5.63	38.10
PK	11.49102G	53.39	74.00	-20.61	10.11	3	Horizontal	5	1.50	-	43.28	39.28	8.61	37.78
PK	13.33306G	55.23	74.00	-18.77	10.50	3	Horizontal	337	2.52	-	44.73	39.97	9.25	38.72

Radiated Emissions above 1GHz_Mode 2



Radiated Emissions above 1GHz_Mode 2

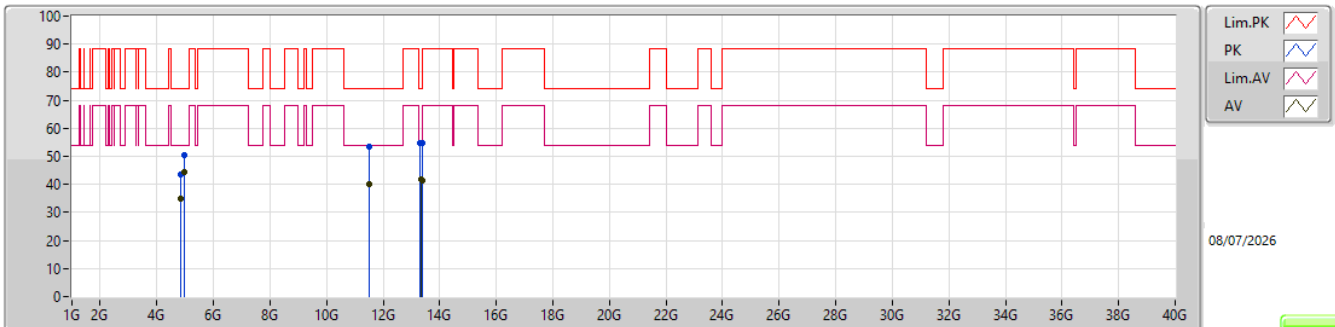


Radiated Emissions above 1GHz_Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82397G	34.60	54.00	-19.40	-0.11	3	Vertical	343	2.18	-	34.71	32.50	5.57	38.18
AV	4.96G	45.05	54.00	-8.95	0.67	3	Vertical	352	1.12	-	44.38	33.14	5.63	38.10
AV	11.49854G	40.14	54.00	-13.86	10.13	3	Vertical	249	1.50	-	30.01	39.30	8.61	37.78
AV	13.36602G	41.22	54.00	-12.78	10.52	3	Vertical	181	1.50	-	30.70	39.97	9.26	38.71
AV	13.4767G	41.77	68.20	-26.43	10.87	3	Vertical	357	1.74	-	30.90	40.25	9.31	38.69
PK	4.82406G	42.93	74.00	-31.07	-0.11	3	Vertical	343	2.18	-	43.04	32.50	5.57	38.18
PK	4.95943G	51.08	74.00	-22.92	0.67	3	Vertical	352	1.12	-	50.41	33.14	5.63	38.10
PK	11.4842G	53.36	74.00	-20.64	10.10	3	Vertical	249	1.50	-	43.26	39.27	8.61	37.78
PK	13.36452G	54.89	74.00	-19.11	10.52	3	Vertical	181	1.50	-	44.37	39.97	9.26	38.71
PK	13.3966G	54.35	74.00	-19.65	10.48	3	Vertical	357	1.74	-	43.87	39.91	9.28	38.71

Radiated Emissions above 1GHz_Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	4.82412G	34.92	54.00	-19.08	-0.11	3	Horizontal	360	1.36	-	35.03	32.50	5.57	38.18
AV	4.95997G	44.48	54.00	-9.52	0.67	3	Horizontal	352	1.30	-	43.81	33.14	5.63	38.10
AV	11.49552G	40.25	54.00	-13.75	10.12	3	Horizontal	68	1.50	-	30.13	39.29	8.61	37.78
AV	13.3374G	41.67	54.00	-12.33	10.50	3	Horizontal	67	1.61	-	31.17	39.97	9.25	38.72
AV	13.36733G	41.24	54.00	-12.76	10.52	3	Horizontal	74	1.17	-	30.72	39.97	9.26	38.71
PK	4.82409G	43.34	74.00	-30.66	-0.11	3	Horizontal	360	1.36	-	43.45	32.50	5.57	38.18
PK	4.95964G	50.64	74.00	-23.36	0.67	3	Horizontal	352	1.30	-	49.97	33.14	5.63	38.10
PK	11.49508G	53.50	74.00	-20.50	10.12	3	Horizontal	68	1.50	-	43.38	39.29	8.61	37.78
PK	13.3G	54.70	74.00	-19.30	10.42	3	Horizontal	67	1.61	-	44.28	39.90	9.24	38.72
PK	13.37408G	54.78	74.00	-19.22	10.51	3	Horizontal	74	1.17	-	44.27	39.95	9.27	38.71