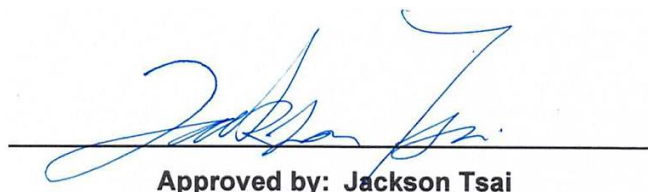


FCC Radio Test Report

FCC ID : HBW-C45EXXW
Equipment : Secure View Pan Tilt Camera
Brand Name : myQ
Model Name : MYQC45EXXW
Applicant : The Chamberlain Group LLC
300 Windsor Drive Oak Brook, IL 60523 USA
Manufacturer : The Chamberlain Group, LLC
300 Windsor Drive Oak Brook, IL 60523 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Sep. 04, 2026, and testing was started from Sep. 09, 2026 and completed on Sep. 17, 2026. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 + Errata to C63.10a-2024 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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PHOTOGRAPHS OF EUT V01	

[illegible]

Summary of Test Result

Report Clause	Ref.Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	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.	Brand	Model Name	Ant. Type	Connector	Support
1	INPAQ	PTZ-01	PIFA	I-Pex	WLAN 2.4G /BLE

Ant.	Gain(dBi)	
	2.4G	BT
1	2.36	2.36

Note 1: The EUT has one antenna.

For 2.4GHz function:

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

Ant. 1 could transmit/receive.

For BT function:

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

Ant. 1 could transmit/receive.

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
2.4-2.4835GHz_BT-LE(1Mbps)_Nss1_1TX	0.632	1.99	395.625u	3k
2.4-2.4835GHz_BT-LE(2Mbps)_Nss1_1TX	0.335	4.75	209.375u	5k

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	22.9~24.6°C / 52~55%	16/Sep/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		FAX: 886-3-318-0287	
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Jubilee Liao	22.1~22.9°C / 62~67%	17/Sep/2026
Radiated	03CH24-HY	Henry Ho	22.2~23.4°C / 50~53%	09/Sep/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	RTLBTAPP V5.2.3.44
-----------------------	--------------------

Mode	Power Setting
BT-LE(1Mbps)_Nss1_1TX	-
2402MHz	default
2440MHz	default
2480MHz	default
BT-LE(2Mbps)_Nss1_1TX	-
2402MHz	default
2440MHz	default
2480MHz	default

2.2 The Worst Case Measurement Configuration

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

2.3 Accessories

Accessories				
AC Adapter 1	Brand Name	amc	Model Name	AD-D2610520200US01
	Power Rating	I/P:100-240Vac,0.3A, O/P:5.2Vdc, 2A		
USB Cable	Brand Name	NA	Model Name	NA
AC Adapter 2 (Optional)	Brand Name	myQ		
	Power Rating	I/P:100-240Vac, 0.35A , O/P:5.0Vdc, 2.0A		
	Power Cord	4.0 meter, shielded cable, w/o ferrite core		

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

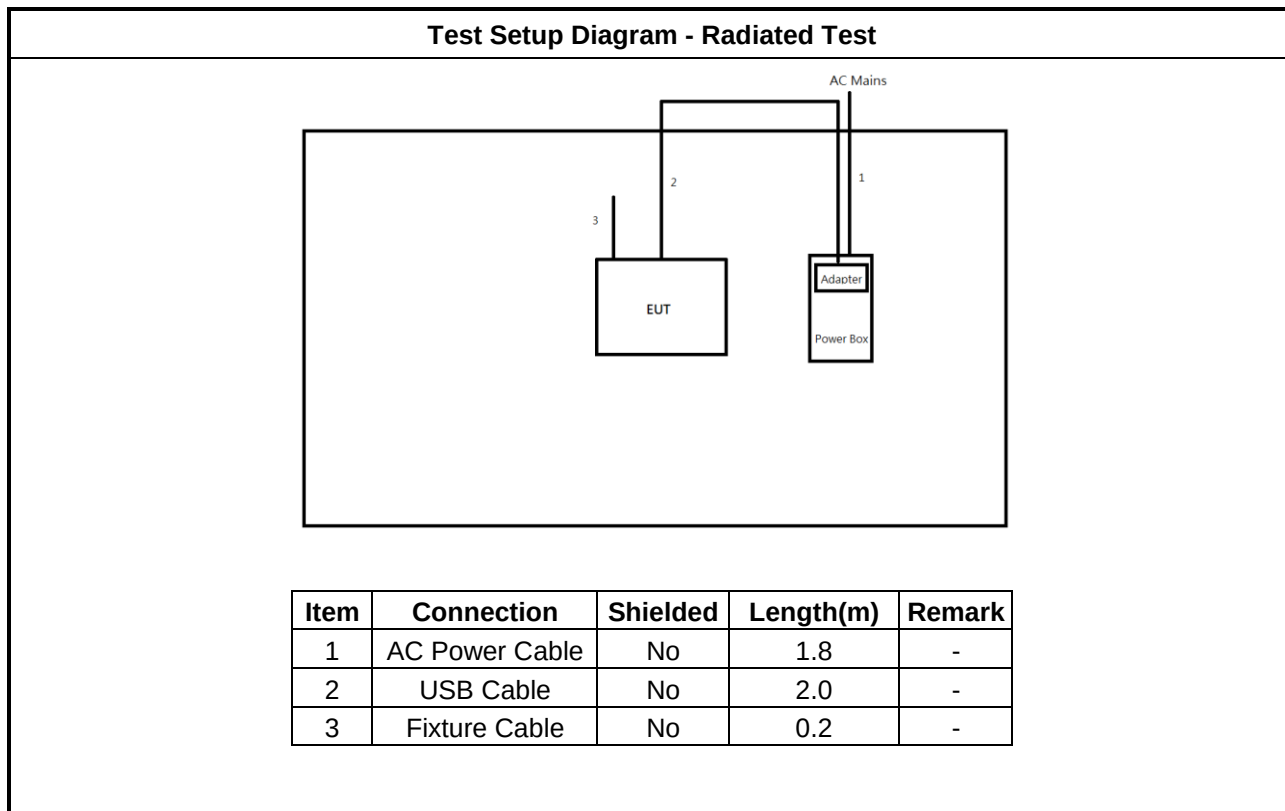
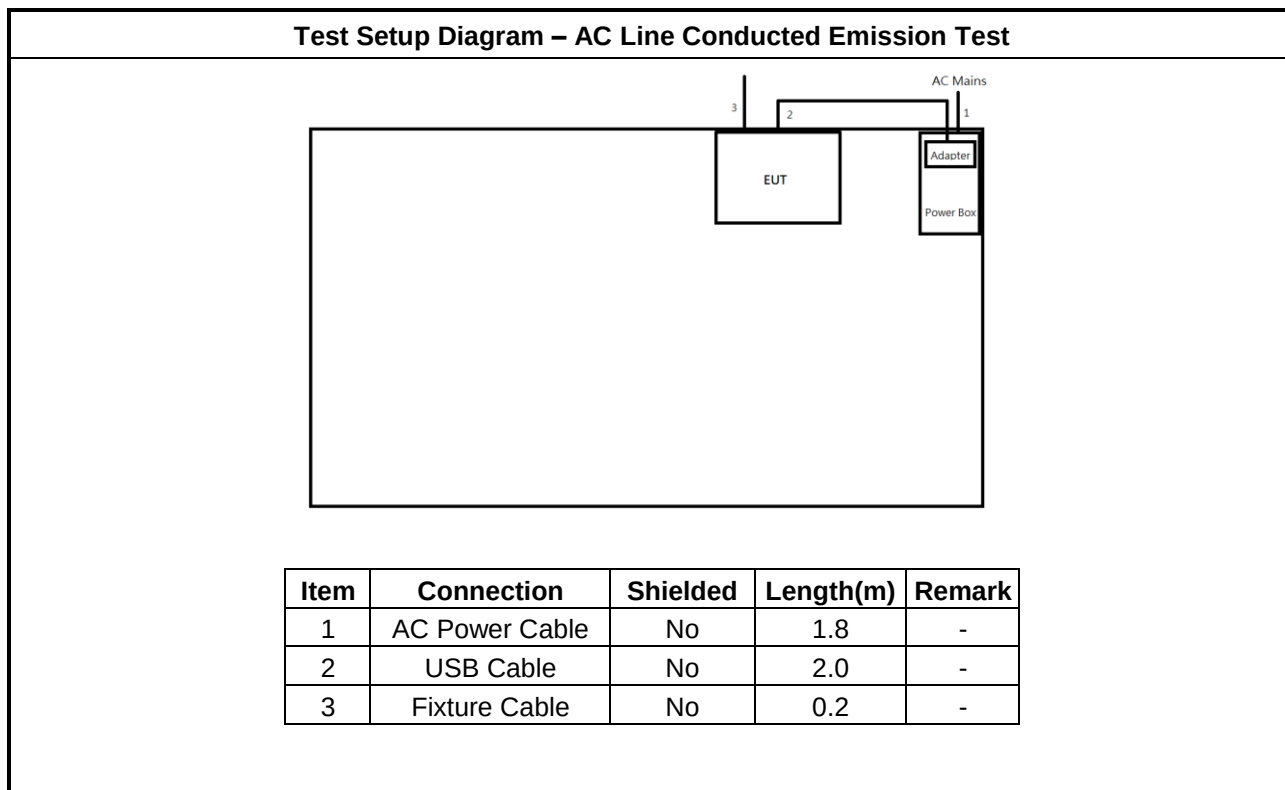
2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture Cable	-	-	-	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 Cable	-	-	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Fixture Cable	-	-	-	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

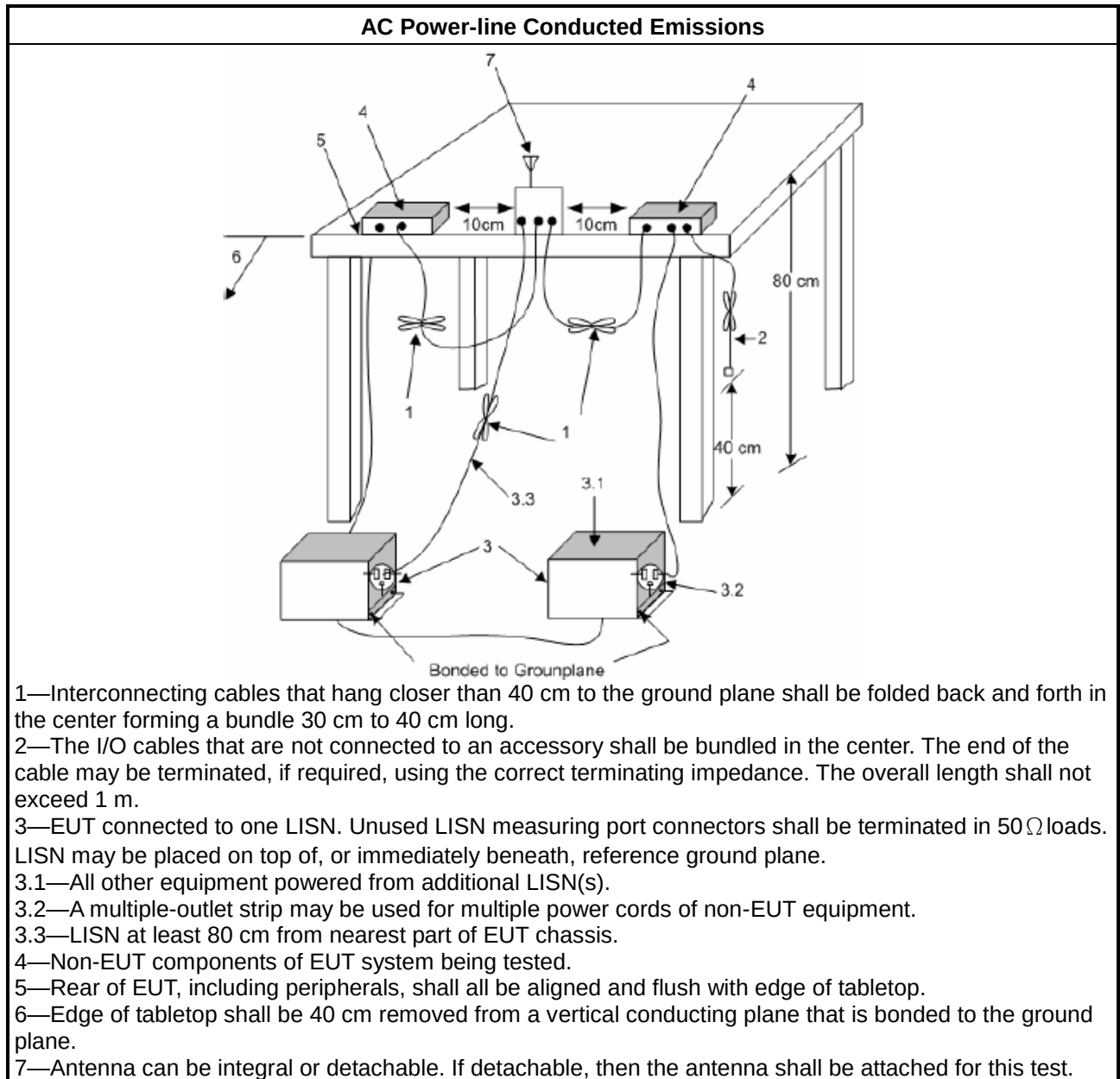
Test Method
Refer as ANSI C63.10, clause 6.2 foray power-line conducted emissions.

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.

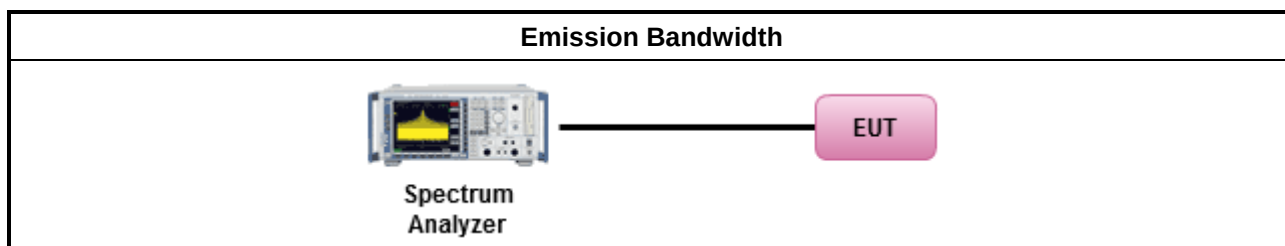
3.2.2 Measuring Instruments

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

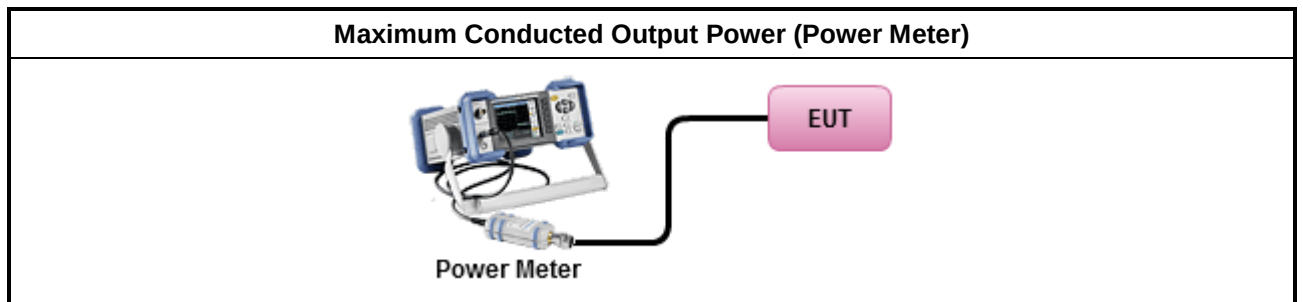
Maximum Conducted Output Power Limit	
	If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ dBm
	Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)/3$ dBm
	Smart antenna system (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 $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ 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 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

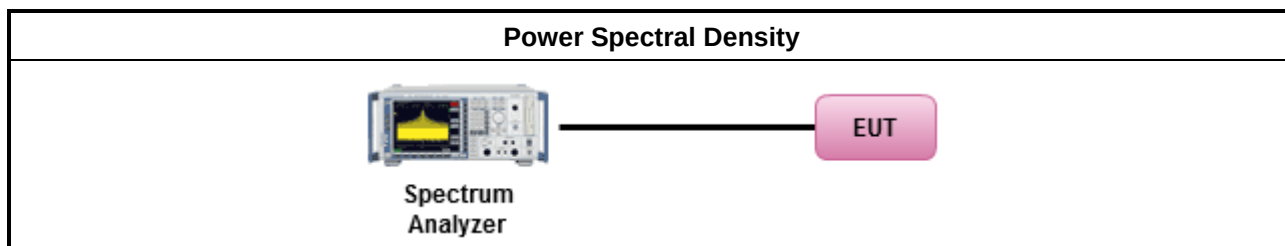
3.4.2 Measuring Instruments

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.	

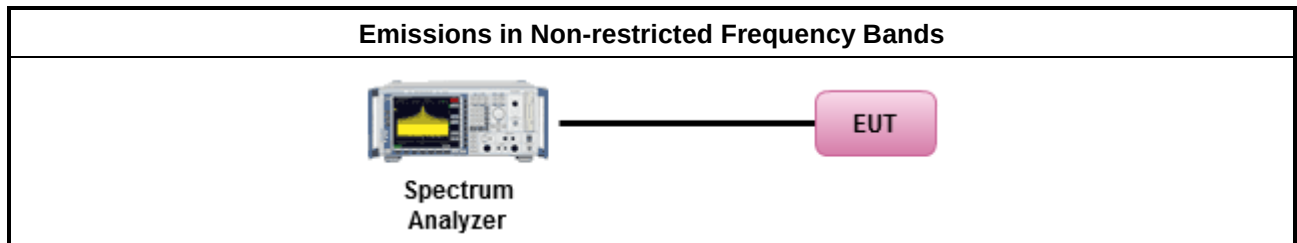
3.5.2 Measuring Instruments

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

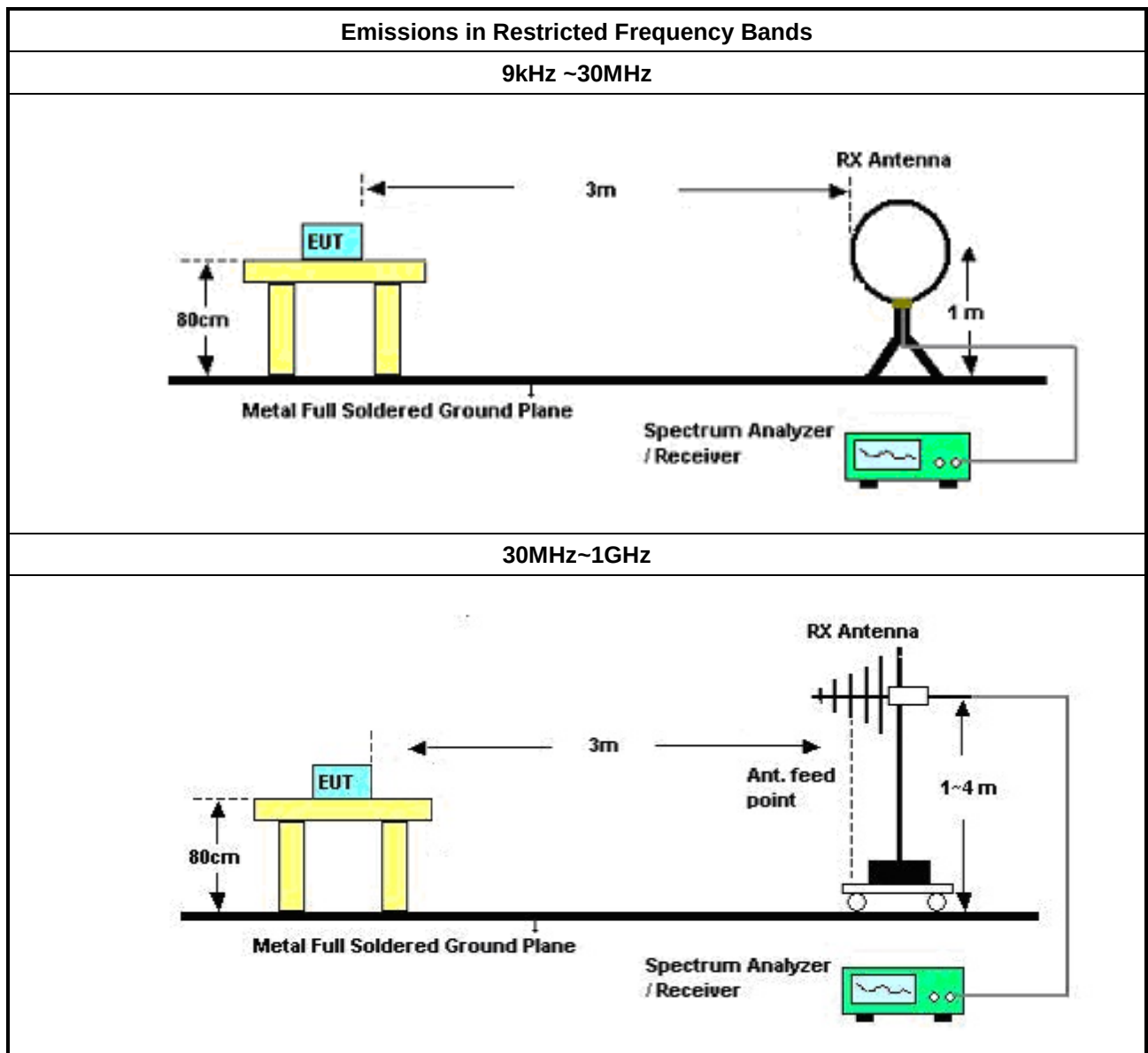
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

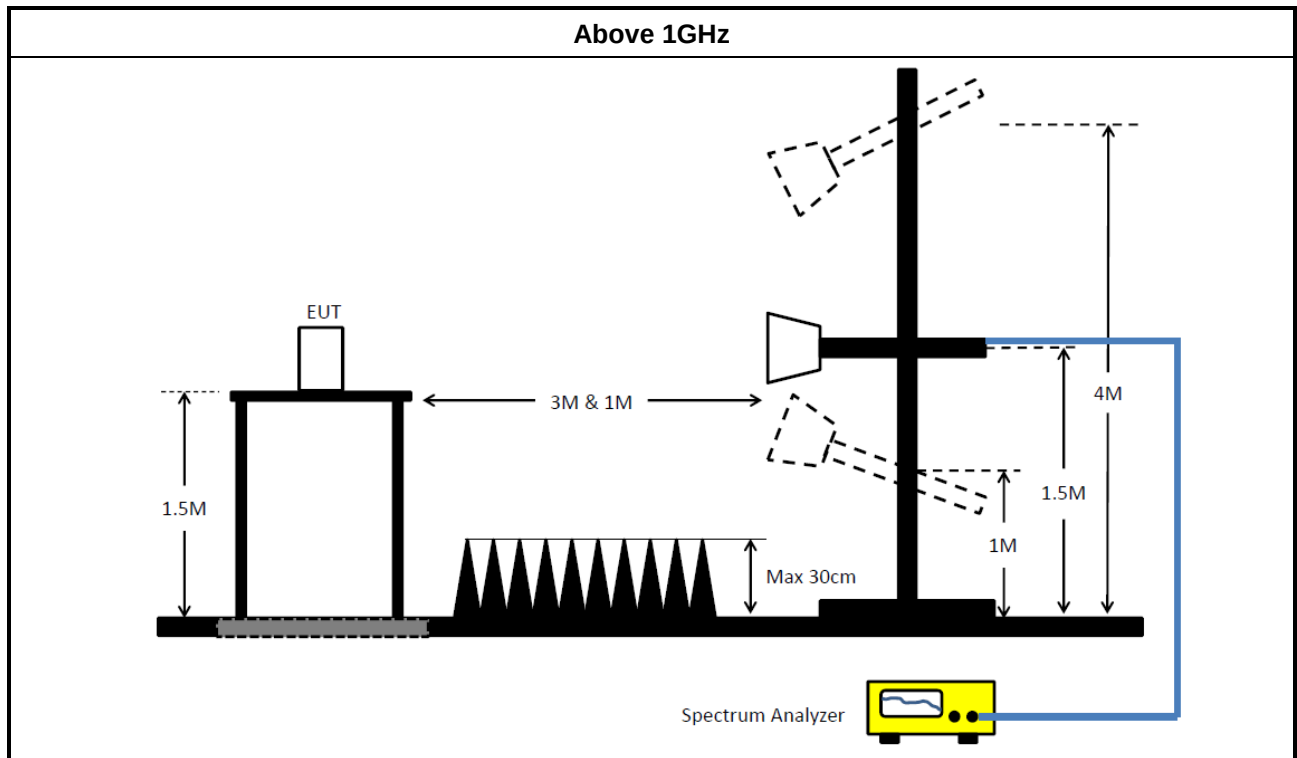
3.6.4 Measurement Results Calculation

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	05/Jun/2026	04/Jun/2027
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	04/Sep/2026	03/Sep/2027
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	24/Jun/2026	23/Jun/2027
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	101029	10Hz~40GHz	30/Oct/2025	29/Oct/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	29/Oct/2025	28/Oct/2026
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	26/Mar/2026	25/Mar/2027
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	26/Mar/2026	25/Mar/2027
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	03CH24-HY	30MHz~1GHz 3m	14/Aug/2026	13/Aug/2027
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	28/Jul/2026	27/Jul/2027
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	08/Dec/2025	07/Dec/2026
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101877	10Hz~44GHz	11/May/2026	10/May/2027
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2026	15/Mar/2027
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	12/Apr/2026	11/Apr/2027
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	29/Jul/2026	28/Jul/2027
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	02/Oct/2025	01/Oct/2026
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	07/Apr/2026	06/Apr/2027
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	07/Aug/2026	06/Aug/2027
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	27/Apr/2026	26/Apr/2027
SENSE-15247-FS	Sporton	V5.11.30	NA	NA	NA	NA



Conducted Emissions at Powerline

Appendix A

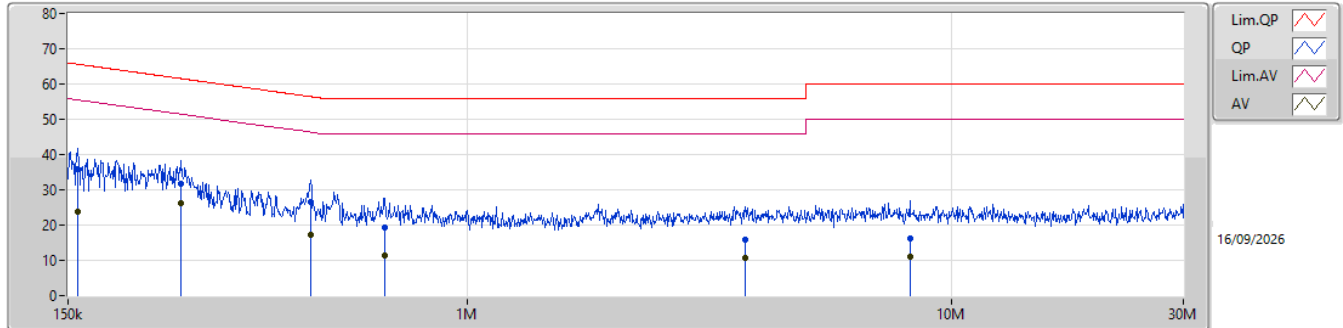
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	469.82k	26.54	46.52	-19.98	Neutral

Result

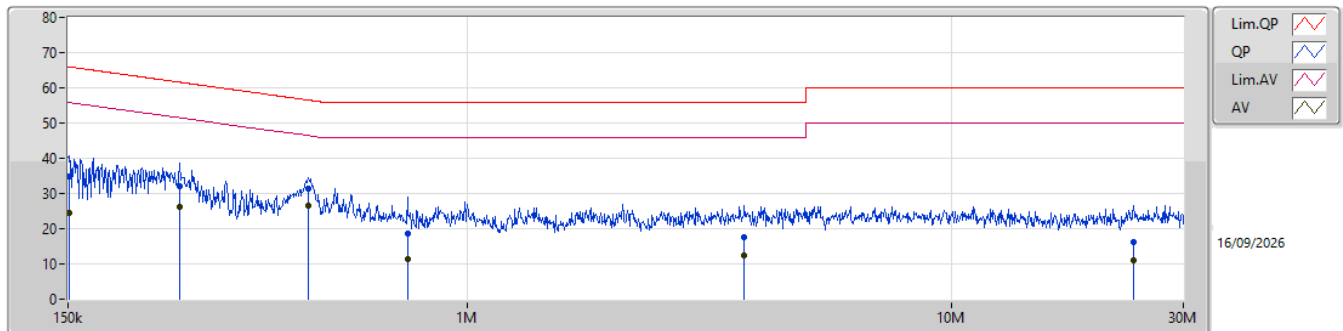
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	156.73k	35.73	65.64	-29.91	Line
Mode 1	Pass	AV	156.73k	23.86	55.64	-31.78	Line
Mode 1	Pass	QP	257.12k	31.67	61.53	-29.86	Line
Mode 1	Pass	AV	257.12k	26.16	51.53	-25.37	Line
Mode 1	Pass	QP	475.48k	26.42	56.42	-30.00	Line
Mode 1	Pass	AV	475.48k	17.35	46.42	-29.07	Line
Mode 1	Pass	QP	675.62k	19.38	56.00	-36.62	Line
Mode 1	Pass	AV	675.62k	11.29	46.00	-34.71	Line
Mode 1	Pass	QP	3.75M	16.03	56.00	-39.97	Line
Mode 1	Pass	AV	3.75M	10.69	46.00	-35.31	Line
Mode 1	Pass	QP	8.19M	16.16	60.00	-43.84	Line
Mode 1	Pass	AV	8.19M	11.17	50.00	-38.83	Line
Mode 1	Pass	QP	150.6k	34.83	65.96	-31.13	Neutral
Mode 1	Pass	AV	150.6k	24.37	55.96	-31.59	Neutral
Mode 1	Pass	QP	255.08k	32.08	61.58	-29.50	Neutral
Mode 1	Pass	AV	255.08k	26.32	51.58	-25.26	Neutral
Mode 1	Pass	QP	469.82k	31.27	56.52	-25.25	Neutral
Mode 1	Pass	AV	469.82k	26.54	46.52	-19.98	Neutral
Mode 1	Pass	QP	752.51k	18.70	56.00	-37.30	Neutral
Mode 1	Pass	AV	752.51k	11.41	46.00	-34.59	Neutral
Mode 1	Pass	QP	3.73M	17.69	56.00	-38.31	Neutral
Mode 1	Pass	AV	3.73M	12.31	46.00	-33.69	Neutral
Mode 1	Pass	QP	23.68M	16.12	60.00	-43.88	Neutral
Mode 1	Pass	AV	23.68M	11.03	50.00	-38.97	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	156.73k	35.73	65.64	-29.91	20.04	Line	15.69	9.66	0.17	10.21								
AV	156.73k	23.86	55.64	-31.78	20.04	Line	3.82	9.66	0.17	10.21								
QP	257.12k	31.67	61.53	-29.86	20.00	Line	11.67	9.66	0.12	10.22								
AV	257.12k	26.16	51.53	-25.37	20.00	Line	6.16	9.66	0.12	10.22								
QP	475.48k	26.42	56.42	-30.00	19.90	Line	6.52	9.66	0.09	10.15								
AV	475.48k	17.35	46.42	-29.07	19.90	Line	-2.55	9.66	0.09	10.15								
QP	675.62k	19.38	56.00	-36.62	19.87	Line	-0.49	9.67	0.08	10.12								
AV	675.62k	11.29	46.00	-34.71	19.87	Line	-8.58	9.67	0.08	10.12								
QP	3.75M	16.03	56.00	-39.97	19.99	Line	-3.96	9.68	0.12	10.19								
AV	3.75M	10.69	46.00	-35.31	19.99	Line	-9.30	9.68	0.12	10.19								
QP	8.19M	16.16	60.00	-43.84	20.06	Line	-3.90	9.70	0.22	10.14								
AV	8.19M	11.17	50.00	-38.83	20.06	Line	-8.89	9.70	0.22	10.14								

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	150.6k	34.83	65.96	-31.13	20.04	Neutral	14.79	9.67	0.17	10.20								
AV	150.6k	24.37	55.96	-31.59	20.04	Neutral	4.33	9.67	0.17	10.20								
QP	255.08k	32.08	61.58	-29.50	20.00	Neutral	12.08	9.66	0.12	10.22								
AV	255.08k	26.32	51.58	-25.26	20.00	Neutral	6.32	9.66	0.12	10.22								
QP	469.82k	31.27	56.52	-25.25	19.90	Neutral	11.37	9.66	0.09	10.15								
AV	469.82k	26.54	46.52	-19.98	19.90	Neutral	6.64	9.66	0.09	10.15								
QP	752.51k	18.70	56.00	-37.30	19.86	Neutral	-1.16	9.67	0.08	10.11								
AV	752.51k	11.41	46.00	-34.59	19.86	Neutral	-8.45	9.67	0.08	10.11								
QP	3.73M	17.69	56.00	-38.31	20.00	Neutral	-2.31	9.69	0.12	10.19								
AV	3.73M	12.31	46.00	-33.69	20.00	Neutral	-7.69	9.69	0.12	10.19								
QP	23.68M	16.12	60.00	-43.88	20.31	Neutral	-4.19	9.72	0.42	10.17								
AV	23.68M	11.03	50.00	-38.97	20.31	Neutral	-9.28	9.72	0.42	10.17								

**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)_Nss1_1TX	736.25k	1.034M	1M03F1D	646.25k	1.029M
BT-LE(2Mbps)_Nss1_1TX	1.37M	2.086M	2M09F1D	730k	2.044M

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

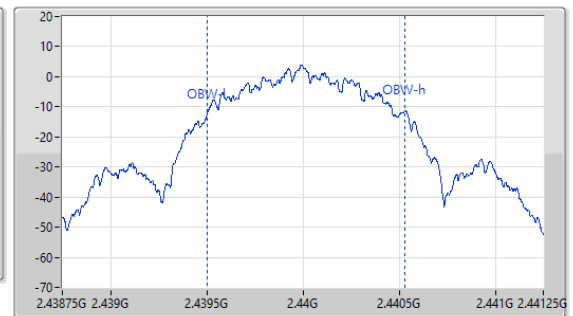
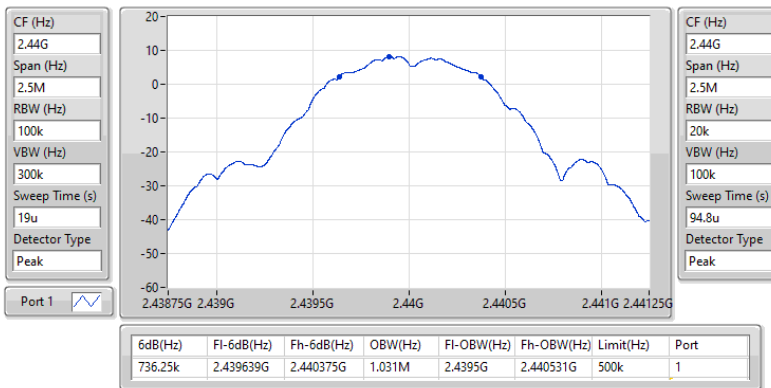
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)_Nss1_1TX	-	-	-	-
2402MHz	Pass	500k	727.5k	1.029M
2440MHz	Pass	500k	736.25k	1.031M
2480MHz	Pass	500k	646.25k	1.034M
BT-LE(2Mbps)_Nss1_1TX	-	-	-	-
2402MHz	Pass	500k	1.17M	2.086M
2440MHz	Pass	500k	730k	2.076M
2480MHz	Pass	500k	1.37M	2.044M

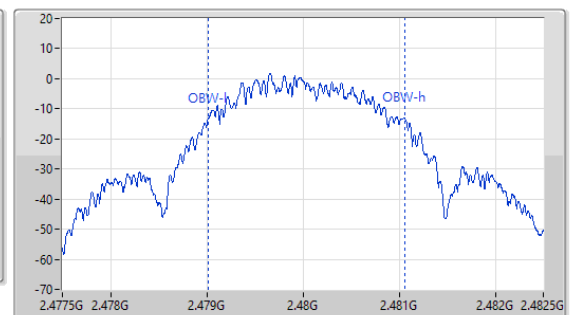
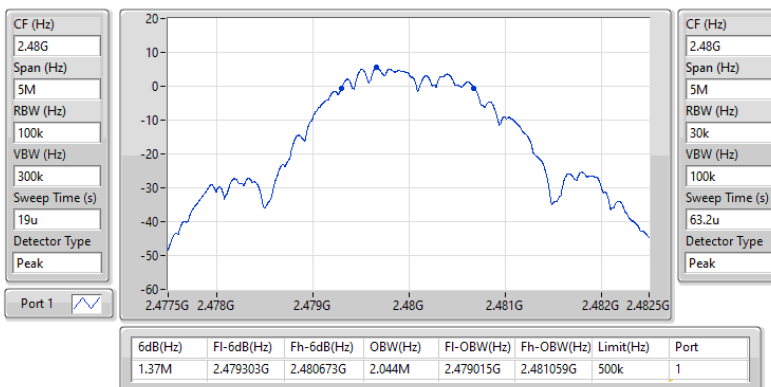
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-LE(1Mbps)_Nss1_1TX
EBW-DTS
2440MHz

17/09/2026


2.4-2.4835GHz_BT-LE(2Mbps)_Nss1_1TX
EBW-DTS
2480MHz

17/09/2026





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)_Nss1_1TX	10.96	0.01247
BT-LE(2Mbps)_Nss1_1TX	10.58	0.01143

**Result**

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)_Nss1_1TX	-	-	-	-
2402MHz	Pass	2.36	10.96	30.00
2440MHz	Pass	2.36	10.33	30.00
2480MHz	Pass	2.36	10.59	30.00
BT-LE(2Mbps)_Nss1_1TX	-	-	-	-
2402MHz	Pass	2.36	10.58	30.00
2440MHz	Pass	2.36	10.15	30.00
2480MHz	Pass	2.36	10.01	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)_Nss1_1TX	-4.84
BT-LE(2Mbps)_Nss1_1TX	-6.55

RBW = 3kHz;



Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)_Nss1_1TX	-	-	-	-
2402MHz	Pass	2.36	-5.56	8.00
2440MHz	Pass	2.36	-4.86	8.00
2480MHz	Pass	2.36	-4.84	8.00
BT-LE(2Mbps)_Nss1_1TX	-	-	-	-
2402MHz	Pass	2.36	-7.48	8.00
2440MHz	Pass	2.36	-7.03	8.00
2480MHz	Pass	2.36	-6.55	8.00

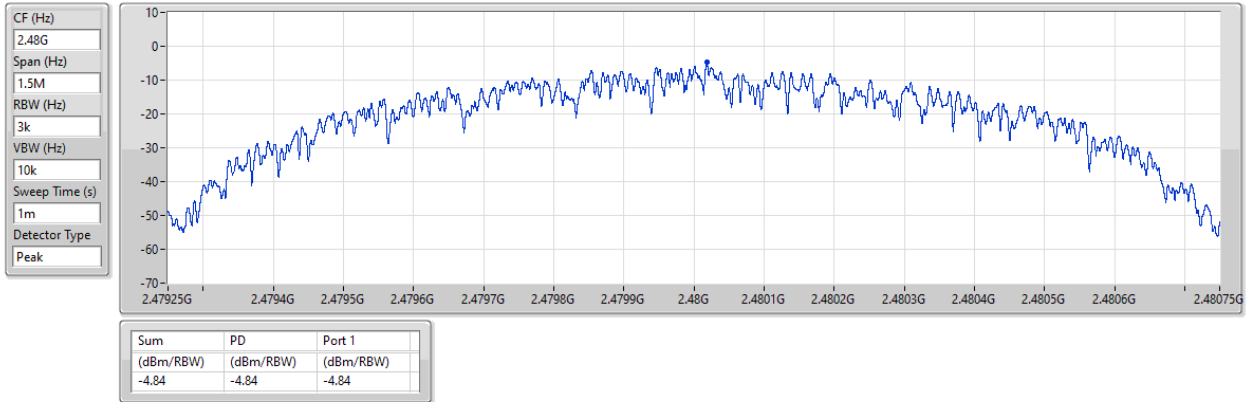
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

2.4-2.4835GHz_BT-LE(1Mbps)_Nss1_1TX

PSD

2480MHz

17/09/2026

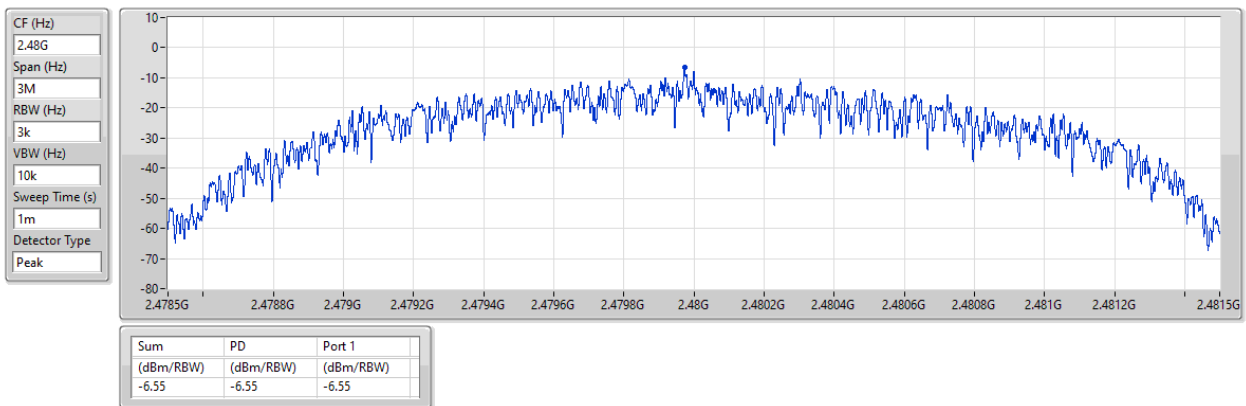


2.4-2.4835GHz_BT-LE(2Mbps)_Nss1_1TX

PSD

2480MHz

17/09/2026





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)_Nss1_1TX	Pass	2.402G	10.38	-19.62	746.75M	-54.86	2.39972G	-50.40	2.4G	-49.32	2.50022G	-54.32	17.60709G	-42.55	1
BT-LE(2Mbps)_Nss1_1TX	Pass	2.402G	10.22	-19.78	2.16145G	-55.66	2.4G	-22.54	2.4G	-22.41	2.50262G	-53.42	16.35291G	-42.15	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)_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	10.38	-19.62	746.75M	-54.86	2.39972G	-50.40	2.4G	-49.32	2.50022G	-54.32	17.60709G	-42.55	1
2440MHz	Pass	2.402G	10.38	-19.62	2.30363G	-55.50	2.3954G	-53.34	2.4G	-55.24	2.50286G	-52.88	16.62568G	-42.98	1
2480MHz	Pass	2.402G	10.38	-19.62	2.1544G	-54.22	2.39564G	-53.77	2.4G	-54.68	2.50042G	-53.31	24.98032G	-42.45	1
BT-LE(2Mbps)_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	10.22	-19.78	2.16145G	-55.66	2.4G	-22.54	2.4G	-22.41	2.50262G	-53.42	16.35291G	-42.15	1
2440MHz	Pass	2.402G	10.22	-19.78	2.15205G	-55.06	2.39692G	-52.93	2.4G	-54.82	2.50174G	-53.51	15.1859G	-42.26	1
2480MHz	Pass	2.402G	10.22	-19.78	2.10035G	-54.16	2.39436G	-53.00	2.4G	-55.41	2.50258G	-54.05	16.22637G	-42.05	1

2.4-2.4835GHz_BT-LE(1Mbps)_Nss1_1TX

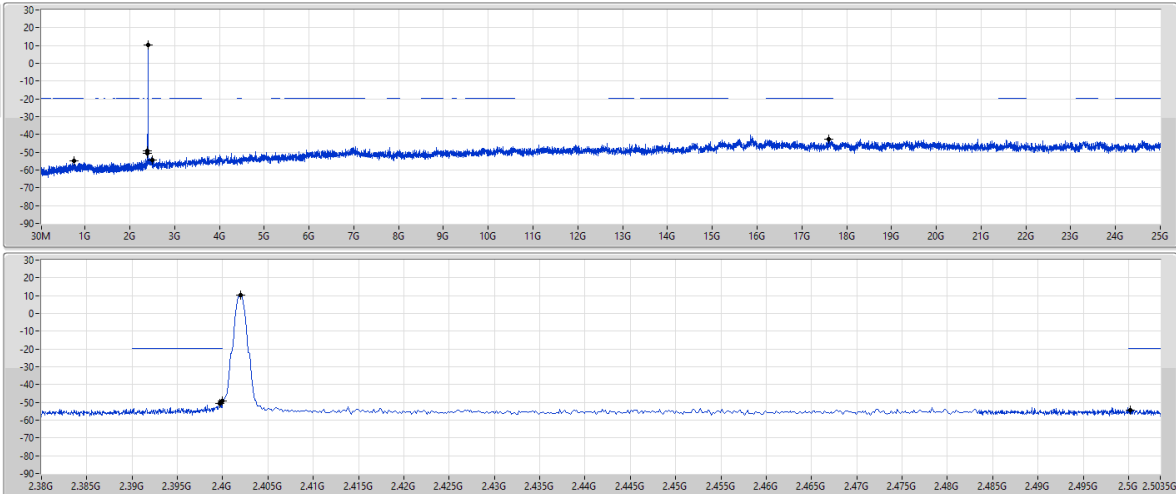
CSEndB-DTS

2402MHz

17/09/2026

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.402G	10.38	-19.62	746.75M	-54.86	2.39972G	-50.40	2.4G	-49.32	2.50022G	-54.32	17.60709G	-42.55	1

2.4-2.4835GHz_BT-LE(2Mbps)_Nss1_1TX

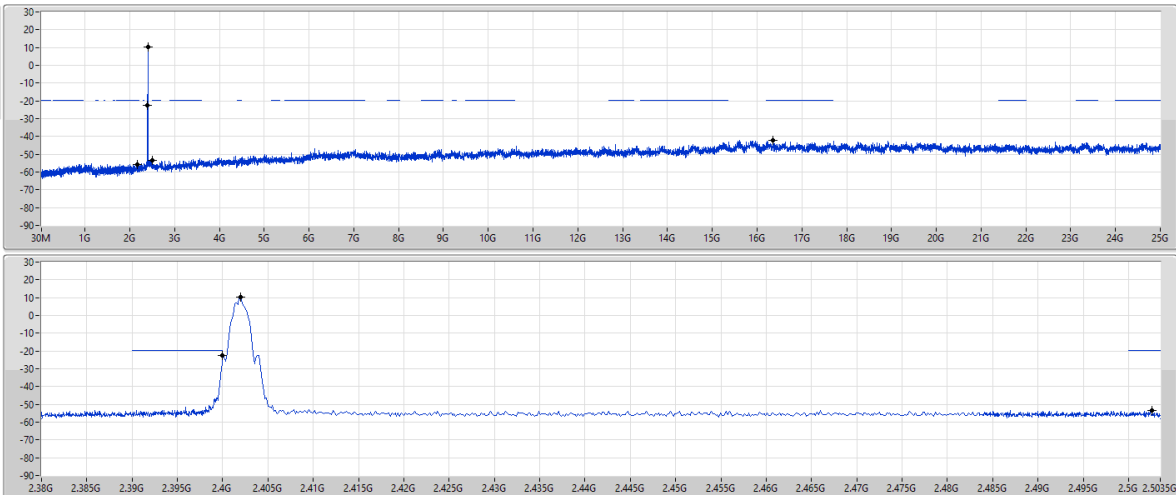
CSEndB-DTS

2402MHz

17/09/2026

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.402G	10.22	-19.78	2.16145G	-55.66	2.4G	-22.54	2.4G	-22.41	2.50262G	-53.42	16.35291G	-42.15	1



Summary

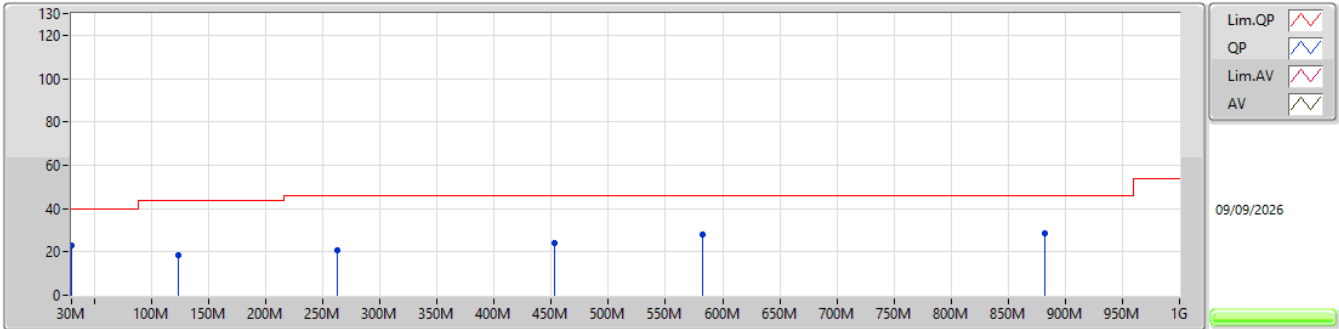
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	PK	901.06M	32.41	46.00	-13.59	3	Horizontal	0	1.00

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	30M	22.74	40.00	-17.26	3	Vertical	360	1.00
2440MHz	Pass	PK	123.12M	18.41	43.50	-25.09	3	Vertical	360	1.00
2440MHz	Pass	PK	262.8M	20.49	46.00	-25.51	3	Vertical	360	1.00
2440MHz	Pass	PK	452.92M	23.94	46.00	-22.06	3	Vertical	360	1.00
2440MHz	Pass	PK	582.9M	27.95	46.00	-18.05	3	Vertical	360	1.00
2440MHz	Pass	PK	881.66M	28.32	46.00	-17.68	3	Vertical	360	1.00
2440MHz	Pass	PK	30M	24.21	40.00	-15.79	3	Horizontal	0	1.00
2440MHz	Pass	PK	121.18M	19.53	43.50	-23.97	3	Horizontal	0	1.00
2440MHz	Pass	PK	336.52M	23.86	46.00	-22.14	3	Horizontal	0	1.00
2440MHz	Pass	PK	418M	25.11	46.00	-20.89	3	Horizontal	0	1.00
2440MHz	Pass	PK	586.78M	26.56	46.00	-19.44	3	Horizontal	0	1.00
2440MHz	Pass	PK	901.06M	32.41	46.00	-13.59	3	Horizontal	0	1.00

2.4-2.4835GHz_BT-LE(2Mbps)

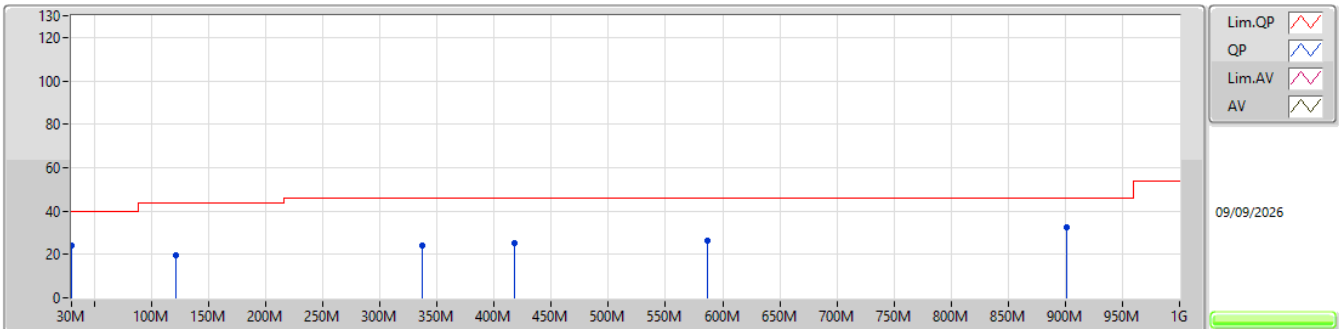
2440MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	22.74	40.00	-17.26	-3.55	3	Vertical	360	1.00	26.29	23.39	0.42	27.36
PK	123.12M	18.41	43.50	-25.09	-8.92	3	Vertical	360	1.00	27.33	17.25	0.94	27.11
PK	262.8M	20.49	46.00	-25.51	-6.78	3	Vertical	360	1.00	27.27	18.47	1.30	26.55
PK	452.92M	23.94	46.00	-22.06	-4.44	3	Vertical	360	1.00	28.38	21.69	1.62	27.75
PK	582.9M	27.95	46.00	-18.05	-2.68	3	Vertical	360	1.00	30.63	23.72	1.85	28.25
PK	881.66M	28.32	46.00	-17.68	0.17	3	Vertical	360	1.00	28.15	25.53	2.33	27.69

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
PK	30M	24.21	40.00	-15.79	-3.55	3	Horizontal	0	1.00	27.76	23.39	0.42	27.36
PK	121.18M	19.53	43.50	-23.97	-8.94	3	Horizontal	0	1.00	28.47	17.25	0.93	27.12
PK	336.52M	23.86	46.00	-22.14	-6.51	3	Horizontal	0	1.00	30.37	18.88	1.44	26.83
PK	418M	25.11	46.00	-20.89	-4.69	3	Horizontal	0	1.00	29.80	21.27	1.57	27.53
PK	586.78M	26.56	46.00	-19.44	-2.69	3	Horizontal	0	1.00	29.25	23.71	1.86	28.26
PK	901.06M	32.41	46.00	-13.59	0.31	3	Horizontal	0	1.00	32.10	25.57	2.35	27.61



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	2.3656G	47.24	54.00	-6.76	3	Vertical	225	1.60
BT-LE(2Mbps)	Pass	AV	2.4972G	47.48	54.00	-6.52	3	Vertical	222	1.60

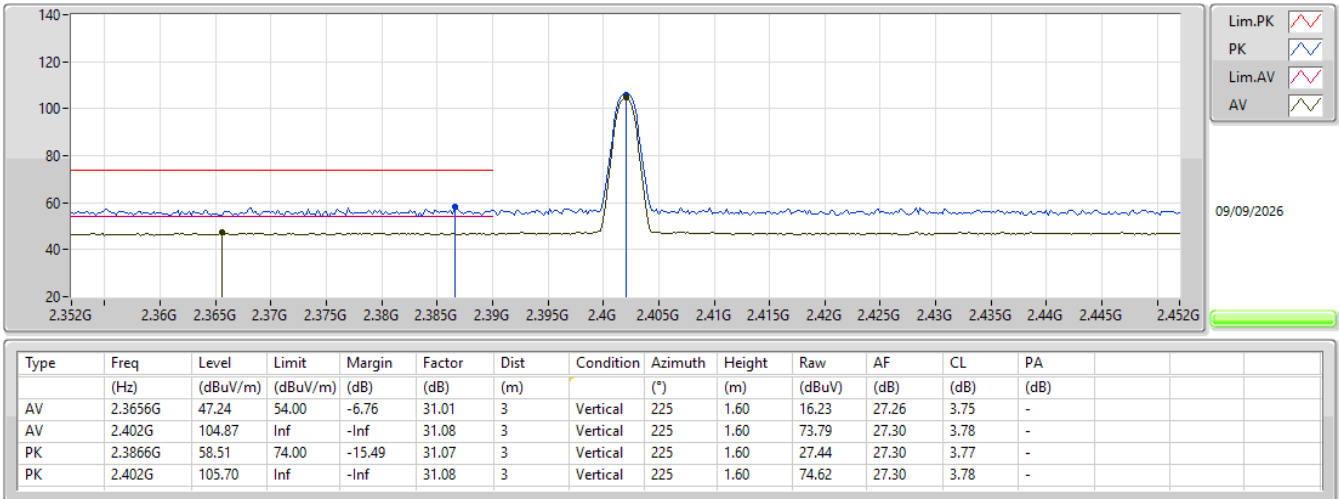
Result

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	2.3656G	47.24	54.00	-6.76	3	Vertical	225	1.60
2402MHz	Pass	AV	2.402G	104.87	Inf	-Inf	3	Vertical	225	1.60
2402MHz	Pass	PK	2.3866G	58.51	74.00	-15.49	3	Vertical	225	1.60
2402MHz	Pass	PK	2.402G	105.70	Inf	-Inf	3	Vertical	225	1.60
2402MHz	Pass	AV	2.3734G	45.76	54.00	-8.24	3	Horizontal	261	1.58
2402MHz	Pass	AV	2.402G	103.07	Inf	-Inf	3	Horizontal	261	1.58
2402MHz	Pass	PK	2.3738G	56.47	74.00	-17.53	3	Horizontal	261	1.58
2402MHz	Pass	PK	2.402G	104.01	Inf	-Inf	3	Horizontal	261	1.58
2402MHz	Pass	AV	4.80362G	36.26	54.00	-17.74	3	Vertical	121	1.95
2402MHz	Pass	PK	4.80382G	46.10	74.00	-27.90	3	Vertical	121	1.95
2402MHz	Pass	AV	4.80368G	36.75	54.00	-17.25	3	Horizontal	178	1.68
2402MHz	Pass	PK	4.80435G	45.46	74.00	-28.54	3	Horizontal	178	1.68
2402MHz	Pass	AV	2.3672G	45.85	54.00	-8.15	3	Vertical	222	1.46
2440MHz	Pass	AV	2.44G	104.84	Inf	-Inf	3	Vertical	222	1.46
2440MHz	Pass	AV	2.4952G	46.53	54.00	-7.47	3	Vertical	222	1.46
2440MHz	Pass	PK	2.3632G	55.77	74.00	-18.23	3	Vertical	222	1.46
2440MHz	Pass	PK	2.44G	105.93	Inf	-Inf	3	Vertical	222	1.46
2440MHz	Pass	PK	2.4972G	56.39	74.00	-17.61	3	Vertical	222	1.46
2440MHz	Pass	AV	2.3788G	45.67	54.00	-8.33	3	Horizontal	260	1.73
2440MHz	Pass	AV	2.44G	104.63	Inf	-Inf	3	Horizontal	260	1.73
2440MHz	Pass	AV	2.4932G	46.58	54.00	-7.42	3	Horizontal	260	1.73
2440MHz	Pass	PK	2.3856G	55.86	74.00	-18.14	3	Horizontal	260	1.73
2440MHz	Pass	PK	2.44G	105.72	Inf	-Inf	3	Horizontal	260	1.73
2440MHz	Pass	PK	2.4992G	57.43	74.00	-16.57	3	Horizontal	260	1.73
2440MHz	Pass	AV	4.88003G	33.85	54.00	-20.15	3	Vertical	321	1.53
2440MHz	Pass	PK	4.87961G	44.40	74.00	-29.60	3	Vertical	321	1.53
2440MHz	Pass	AV	4.8804G	35.37	54.00	-18.63	3	Horizontal	177	1.77
2440MHz	Pass	PK	4.87927G	45.07	74.00	-28.93	3	Horizontal	177	1.77
2480MHz	Pass	AV	2.48G	104.27	Inf	-Inf	3	Vertical	221	1.10
2480MHz	Pass	AV	2.4886G	46.70	54.00	-7.30	3	Vertical	221	1.10
2480MHz	Pass	PK	2.4798G	105.38	Inf	-Inf	3	Vertical	221	1.10
2480MHz	Pass	PK	2.4906G	57.51	74.00	-16.49	3	Vertical	221	1.10
2480MHz	Pass	AV	2.48G	103.38	Inf	-Inf	3	Horizontal	259	1.48
2480MHz	Pass	AV	2.4984G	46.67	54.00	-7.33	3	Horizontal	259	1.48
2480MHz	Pass	PK	2.4798G	104.46	Inf	-Inf	3	Horizontal	259	1.48
2480MHz	Pass	PK	2.499G	57.17	74.00	-16.83	3	Horizontal	259	1.48
2480MHz	Pass	AV	4.9602G	37.33	54.00	-16.67	3	Vertical	124	1.50
2480MHz	Pass	PK	4.96019G	47.27	74.00	-26.73	3	Vertical	124	1.50
2480MHz	Pass	AV	4.9601G	36.32	54.00	-17.68	3	Horizontal	171	1.07
2480MHz	Pass	PK	4.95982G	46.29	74.00	-27.71	3	Horizontal	171	1.07
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3674G	46.41	54.00	-7.59	3	Vertical	225	1.65
2402MHz	Pass	AV	2.402G	100.43	Inf	-Inf	3	Vertical	225	1.65
2402MHz	Pass	PK	2.3634G	56.56	74.00	-17.44	3	Vertical	225	1.65
2402MHz	Pass	PK	2.402G	102.89	Inf	-Inf	3	Vertical	225	1.65
2402MHz	Pass	AV	2.37G	46.17	54.00	-7.83	3	Horizontal	260	1.27
2402MHz	Pass	AV	2.402G	101.07	Inf	-Inf	3	Horizontal	260	1.27
2402MHz	Pass	PK	2.3542G	56.53	74.00	-17.47	3	Horizontal	260	1.27
2402MHz	Pass	PK	2.402G	103.55	Inf	-Inf	3	Horizontal	260	1.27
2402MHz	Pass	AV	4.80402G	35.86	54.00	-18.14	3	Vertical	232	2.03
2402MHz	Pass	PK	4.80317G	45.42	74.00	-28.58	3	Vertical	232	2.03
2402MHz	Pass	AV	4.80393G	35.53	54.00	-18.47	3	Horizontal	177	1.50
2402MHz	Pass	PK	4.80495G	45.10	74.00	-28.90	3	Horizontal	177	1.50
2440MHz	Pass	AV	2.3864G	46.11	54.00	-7.89	3	Vertical	222	1.60
2440MHz	Pass	AV	2.44G	101.57	Inf	-Inf	3	Vertical	222	1.60
2440MHz	Pass	AV	2.4972G	47.48	54.00	-6.52	3	Vertical	222	1.60
2440MHz	Pass	PK	2.37G	56.20	74.00	-17.80	3	Vertical	222	1.60
2440MHz	Pass	PK	2.4396G	103.91	Inf	-Inf	3	Vertical	222	1.60
2440MHz	Pass	PK	2.4984G	56.44	74.00	-17.56	3	Vertical	222	1.60
2440MHz	Pass	AV	2.3588G	46.15	54.00	-7.85	3	Horizontal	260	1.73

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2440MHz	Pass	AV	2.44G	102.71	Inf	-Inf	3	Horizontal	260	1.73
2440MHz	Pass	AV	2.4964G	46.76	54.00	-7.24	3	Horizontal	260	1.73
2440MHz	Pass	PK	2.3792G	57.62	74.00	-16.38	3	Horizontal	260	1.73
2440MHz	Pass	PK	2.4396G	105.00	Inf	-Inf	3	Horizontal	260	1.73
2440MHz	Pass	PK	2.4848G	57.19	74.00	-16.81	3	Horizontal	260	1.73
2440MHz	Pass	AV	4.87904G	34.70	54.00	-19.30	3	Vertical	251	1.08
2440MHz	Pass	PK	4.88003G	44.65	74.00	-29.35	3	Vertical	251	1.08
2440MHz	Pass	AV	4.88088G	35.64	54.00	-18.36	3	Horizontal	176	1.39
2440MHz	Pass	PK	4.88005G	45.17	74.00	-28.83	3	Horizontal	176	1.39
2480MHz	Pass	AV	2.48G	100.05	Inf	-Inf	3	Vertical	225	1.65
2480MHz	Pass	AV	2.4835G	47.14	54.00	-6.86	3	Vertical	225	1.65
2480MHz	Pass	PK	2.4806G	102.58	Inf	-Inf	3	Vertical	225	1.65
2480MHz	Pass	PK	2.495G	56.64	74.00	-17.36	3	Vertical	225	1.65
2480MHz	Pass	AV	2.48G	101.30	Inf	-Inf	3	Horizontal	259	1.72
2480MHz	Pass	AV	2.4835G	47.39	54.00	-6.61	3	Horizontal	259	1.72
2480MHz	Pass	PK	2.4796G	103.87	Inf	-Inf	3	Horizontal	259	1.72
2480MHz	Pass	PK	2.4835G	56.85	74.00	-17.15	3	Horizontal	259	1.72
2480MHz	Pass	AV	4.96092G	37.63	54.00	-16.37	3	Vertical	195	1.01
2480MHz	Pass	PK	4.96107G	47.09	74.00	-26.91	3	Vertical	195	1.01
2480MHz	Pass	AV	4.96097G	36.55	54.00	-17.45	3	Horizontal	176	1.27
2480MHz	Pass	PK	4.96002G	46.67	74.00	-27.33	3	Horizontal	176	1.27

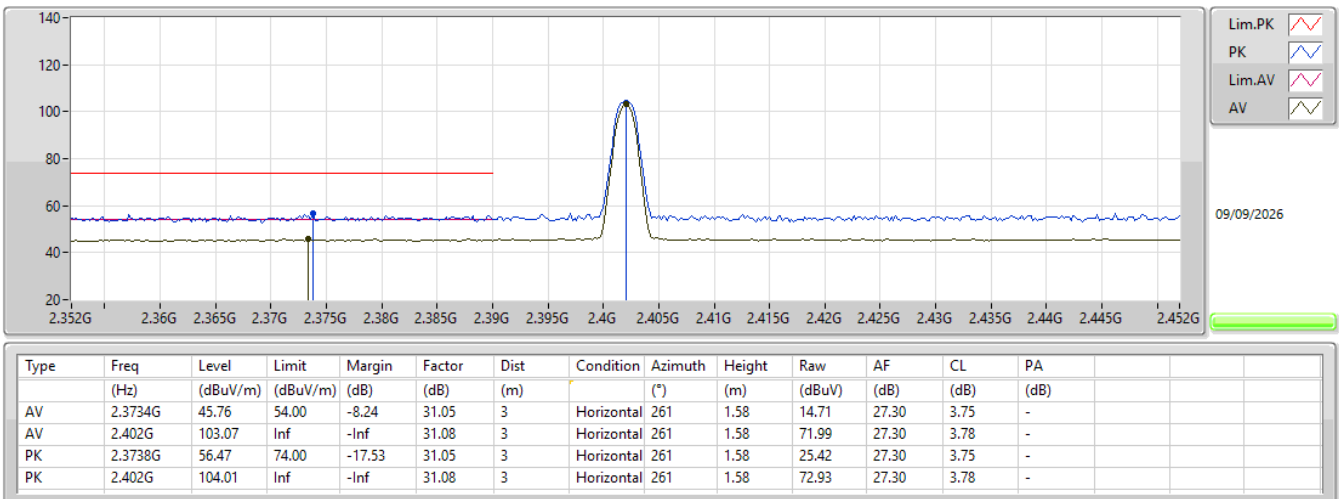
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2402MHz_TX



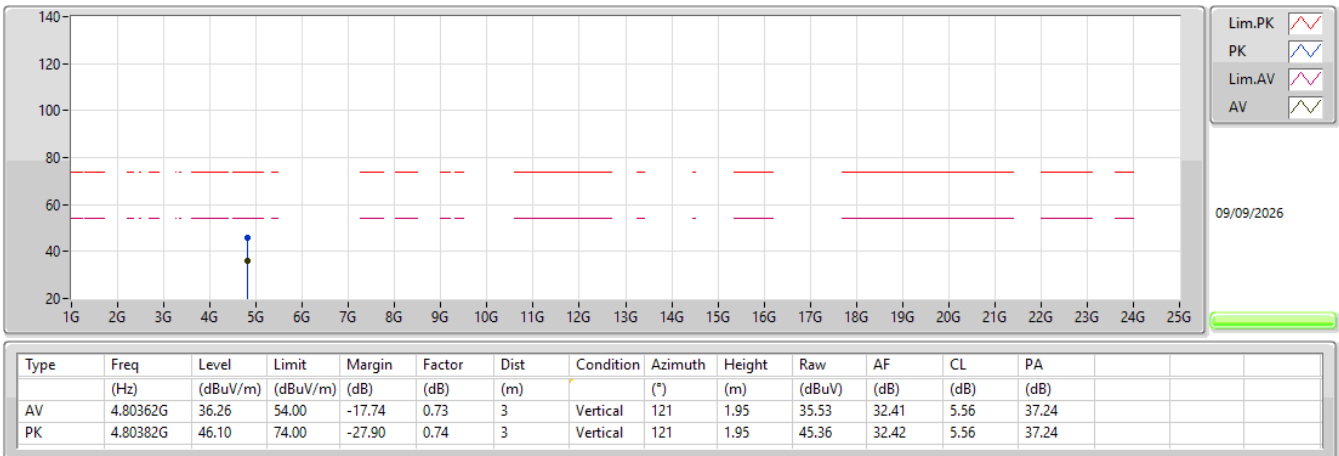
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2402MHz_TX



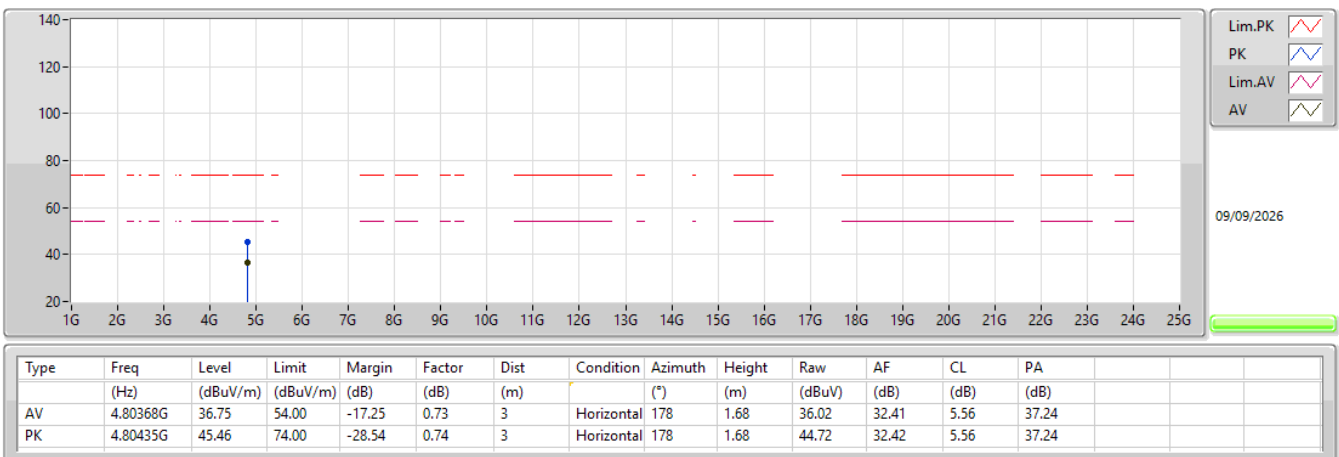
2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX



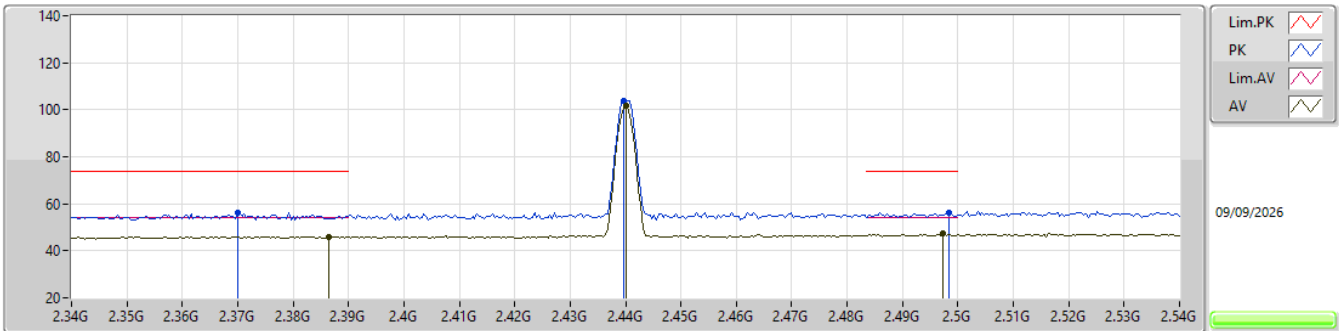
2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX



2.4-2.4835GHz_BT-LE(2Mbps)

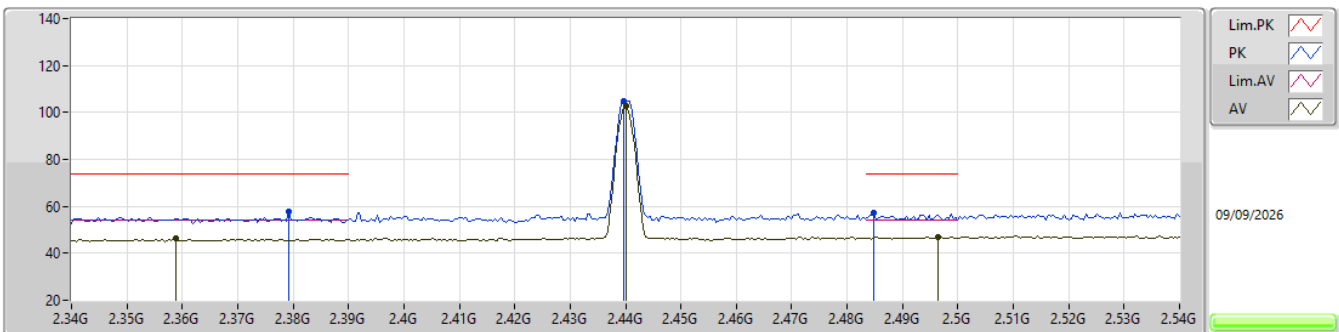
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3864G	46.11	54.00	-7.89	31.07	3	Vertical	222	1.60	15.04	27.30	3.77	-
AV	2.44G	101.57	Inf	-Inf	31.24	3	Vertical	222	1.60	70.33	27.40	3.84	-
AV	2.4972G	47.48	54.00	-6.52	31.89	3	Vertical	222	1.60	15.59	27.97	3.92	-
PK	2.37G	56.20	74.00	-17.80	31.05	3	Vertical	222	1.60	25.15	27.30	3.75	-
PK	2.4396G	103.91	Inf	-Inf	31.24	3	Vertical	222	1.60	72.67	27.40	3.84	-
PK	2.4984G	56.44	74.00	-17.56	31.90	3	Vertical	222	1.60	24.54	27.98	3.92	-

2.4-2.4835GHz_BT-LE(2Mbps)

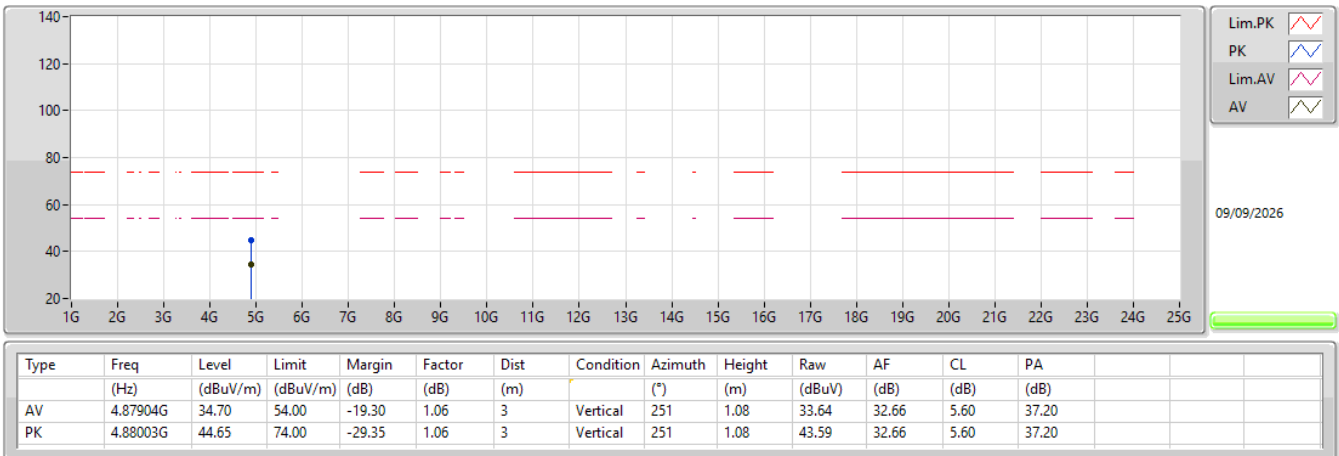
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3588G	46.15	54.00	-7.85	30.94	3	Horizontal	260	1.73	15.21	27.20	3.74	-
AV	2.44G	102.71	Inf	-Inf	31.24	3	Horizontal	260	1.73	71.47	27.40	3.84	-
AV	2.4964G	46.76	54.00	-7.24	31.88	3	Horizontal	260	1.73	14.88	27.96	3.92	-
PK	2.3792G	57.62	74.00	-16.38	31.06	3	Horizontal	260	1.73	26.56	27.30	3.76	-
PK	2.4396G	105.00	Inf	-Inf	31.24	3	Horizontal	260	1.73	73.76	27.40	3.84	-
PK	2.4848G	57.19	74.00	-16.81	31.75	3	Horizontal	260	1.73	25.44	27.85	3.90	-

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX



2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX

