

FCC Radio Test Report

FCC ID : 2AP85-MCR822CE
Equipment : AC Module MCR822CE-P , AC Module MCR822CE-P4
Brand Name : TAIWAN ANJIE
Model Name : MCR822CE-P, MCR822CE-P4
Applicant : Taiwan Anjie Electronics Co., Ltd
1F., No. 236, Sec. 3, Huanbei Rd., Jhubei City,
Hsinchu Country 30256,Taiwan (R.O.C.)
Manufacturer : Taiwan Anjie Electronics Co., Ltd
1F., No. 236, Sec. 3, Huanbei Rd., Jhubei City,
Hsinchu Country 30256,Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 15.247

The product was received on Nov. 22, 2022, and testing was started from Dec. 22, 2022 and completed on Feb. 11, 2023. 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 C63.10-2013 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: Ben Tesng

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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TEL : 886-3-3273456
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Report Template No.: HE1-C10 Ver.4.3
FCC ID: 2AP85-MCR822CE

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: Barry Hsiao

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(125kbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(500kbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:

- ♦ Bluetooth LE uses a GFSK (125kbps/500kbps/1Mbps/2Mbps) modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Group	Ant.	Brand	Model Name	Antenna Type	Connector	Support
1	1	anjie	AEDQ4S-B0003	Dipole	MHF1	2.4G+5G
1	2	anjie	AEDQ4S-B0003	Dipole	MHF1	2.4G+5G+BT
2	1	anjie	AJDQ1J-B0033	PIFA	MHF1	2.4G+5G
2	2	anjie	AJDQ1J-B0033	PIFA	MHF1	2.4G+5G+BT
3	1	anjie	AEDQ4S-B0003	Dipole	MHF4	2.4G+5G
3	2	anjie	AEDQ4S-B0003	Dipole	MHF4	2.4G+5G+BT
4	1	anjie	AJDQ1J-B0033	PIFA	MHF4	2.4G+5G
4	2	anjie	AJDQ1J-B0033	PIFA	MHF4	2.4G+5G+BT

Group	Ant.	Port	Gain (dBi)		
			2.4G	5G	BT
1	1	S0	5	5.3	-
1	2	S1	5	5.3	5
2	1	S0	2.5	3.9	-
2	2	S1	2.5	3.9	2.5
3	1	S0	5	5.3	-
3	2	S1	5	5.3	5
4	1	S0	2.5	3.9	-
4	2	S1	2.5	3.9	2.5

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT mode (2TX/2RX)

Ant. 1 (port S0) and Ant. 2 (port S1) could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1 (port S0) and Ant. 2 (port S1) could transmit/receive simultaneously.

For BT function:

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

Ant. 2 (port S1) could transmit/receive.

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq$ 1/T
BT-LE(1Mbps)	0.633	1.99	396.875u	3k
BT-LE(125kbps)	0.82	0.86	3.109m	1k
BT-LE(500kbps)	0.567	2.46	1.075m	1k
BT-LE(2Mbps)	0.337	4.72	210.937u	10k

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

1.1.5 Table for Multiple Listing

The equipment name /model names in the following table are all refer to the identical product.

Equipment Name	Model Name	Connector	Description
AC Module MCR822CE-P	MCR822CE-P	With MHF1 connector (One Generations Connector)	The difference of models is in Connector.
AC Module MCR822CE-P4	MCR822CE-P4	With MHF4 connector (Four Generations Connector)	

Note: Model Name MCR822CE-P was selected as representative for the test and its data was recorded in this report. The information is provided by manufacturer.

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 C63.10-2013

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	Daniel Lin	20.5~21.4°C / 50~54%	11/Feb/2023
RF Conducted	TH07-HY	Yuna Lin	22.6~23.7°C / 52~58%	09/Feb/2023~10/Feb/2023
Radiated	03CH02-HY	Daniel Lin	20.2~26.4°C / 51~62%	22/Dec/2022~01/Feb/2023
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: 886-3-318-0787 FAX: 886-3-318-0287			
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Emissions in Non-restricted Frequency Bands	0.14 dB	Confidence levels of 95%
Emissions in Restricted Frequency Bands	4.8 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	RTLBTAPP Version : 5.2.2.99
------------------------------	-----------------------------

Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	0xff
2440MHz	0xff
2480MHz	0xff
BT-LE(2Mbps)	-
2402MHz	0xff
2440MHz	0xff
2480MHz	0xff
BT-LE(125kbps)	-
2402MHz	0xff
2440MHz	0xff
2480MHz	0xff
BT-LE(500kbps)	-
2402MHz	0xff
2440MHz	0xff
2480MHz	0xff

2.2 The Worst Case Measurement Configuration

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

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	Fixture Mode, Dipole Antenna		
2	Fixture Mode, PIFA Antenna		
Mode 1 configuration was tested and found to be the worst case and measured during the test.			
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	Normal Link
1	WLAN 2.4GHz+Bluetooth
2	WLAN 5GHz+Bluetooth
Refer to Sporton Test Report No.: FA2N1502 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

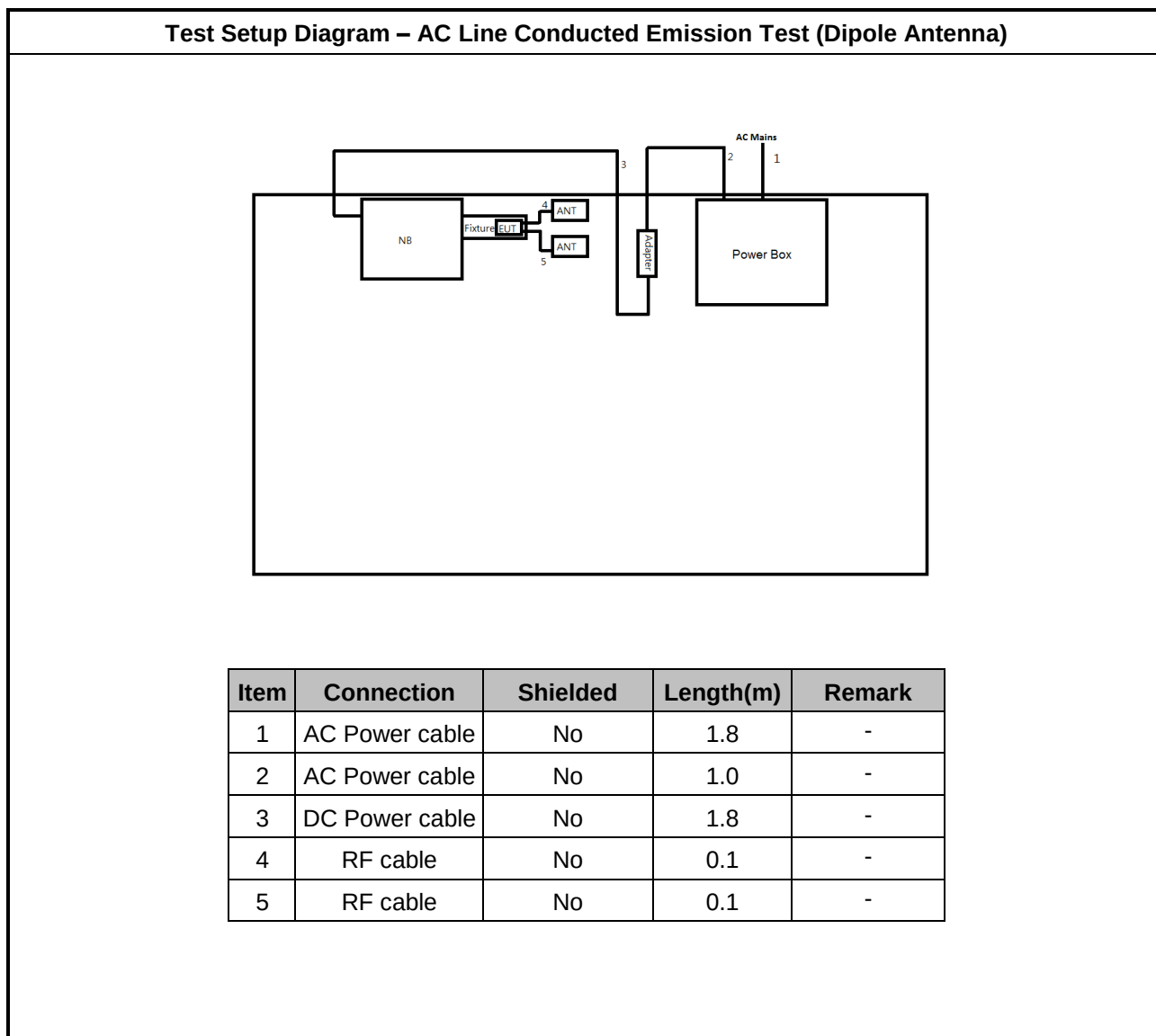
2.3 Support Equipment

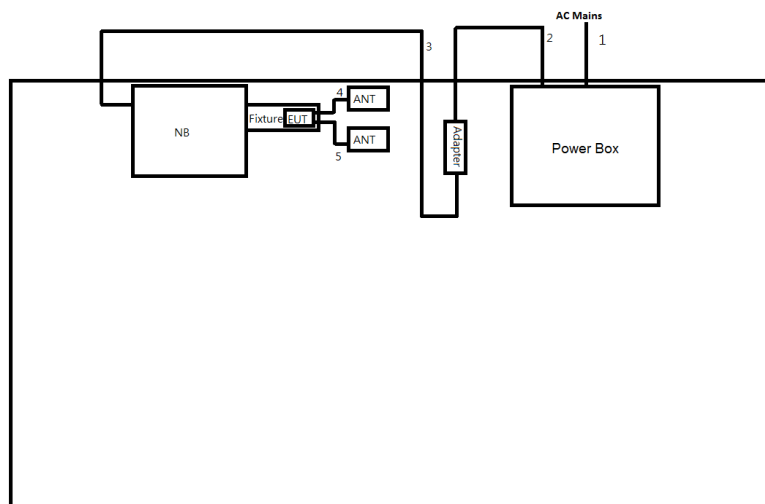
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	Toshiba	PORTEGE R30-A	-	-
2	Adapter for NB	Toshiba	PA5114E-1AC3	-	-
3	Fixture	N/A	N/A	-	Provided by Customer

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	ASUS	N/A	-	Provided by Customer
2	Adapter for NB	ASUS	ADP-90YD B	-	Provided by Customer
3	Fixture	N/A	N/A	-	Provided by Customer

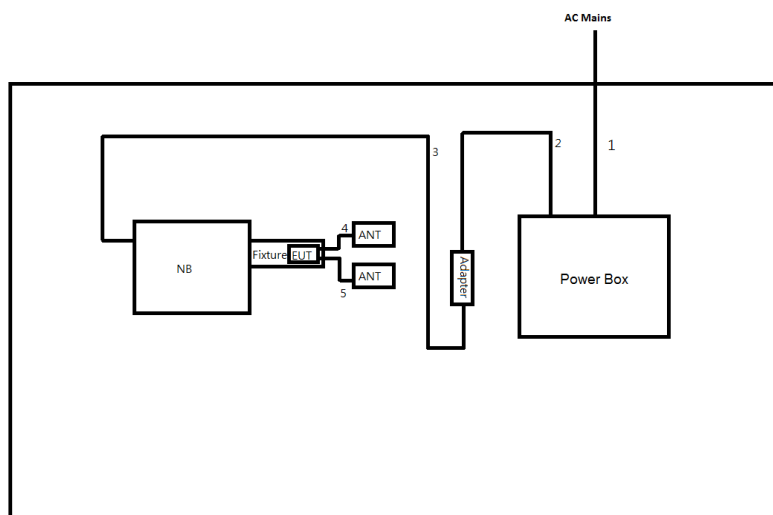
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	Toshiba	PORTEGE R30-A	-	-
2	Adapter for NB	Toshiba	PA5114E-1AC3	-	-
3	Fixture	N/A	N/A	-	Provided by Customer

2.4 Test Setup Diagram

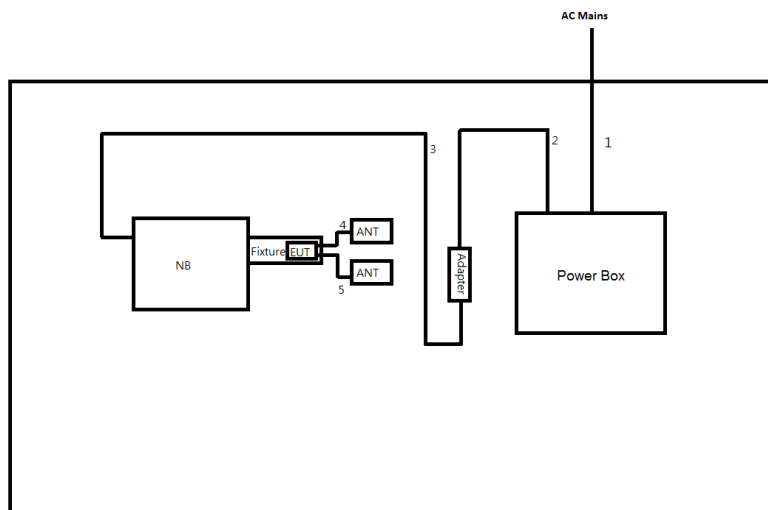


Test Setup Diagram – AC Line Conducted Emission Test (PIFA Antenna)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.0	-
3	DC Power cable	No	1.8	-
4	RF cable	No	0.05	-
5	RF cable	No	0.05	-

Test Setup Diagram - Radiated Test (Dipole Antenna)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.0	-
3	DC Power cable	No	1.8	-
4	RF cable	No	0.1	-
5	RF cable	No	0.1	-

Test Setup Diagram - Radiated Test (PIFA Antenna)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	AC Power cable	No	1.0	-
3	DC Power cable	No	1.8	-
4	RF cable	No	0.05	-
5	RF cable	No	0.05	-

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

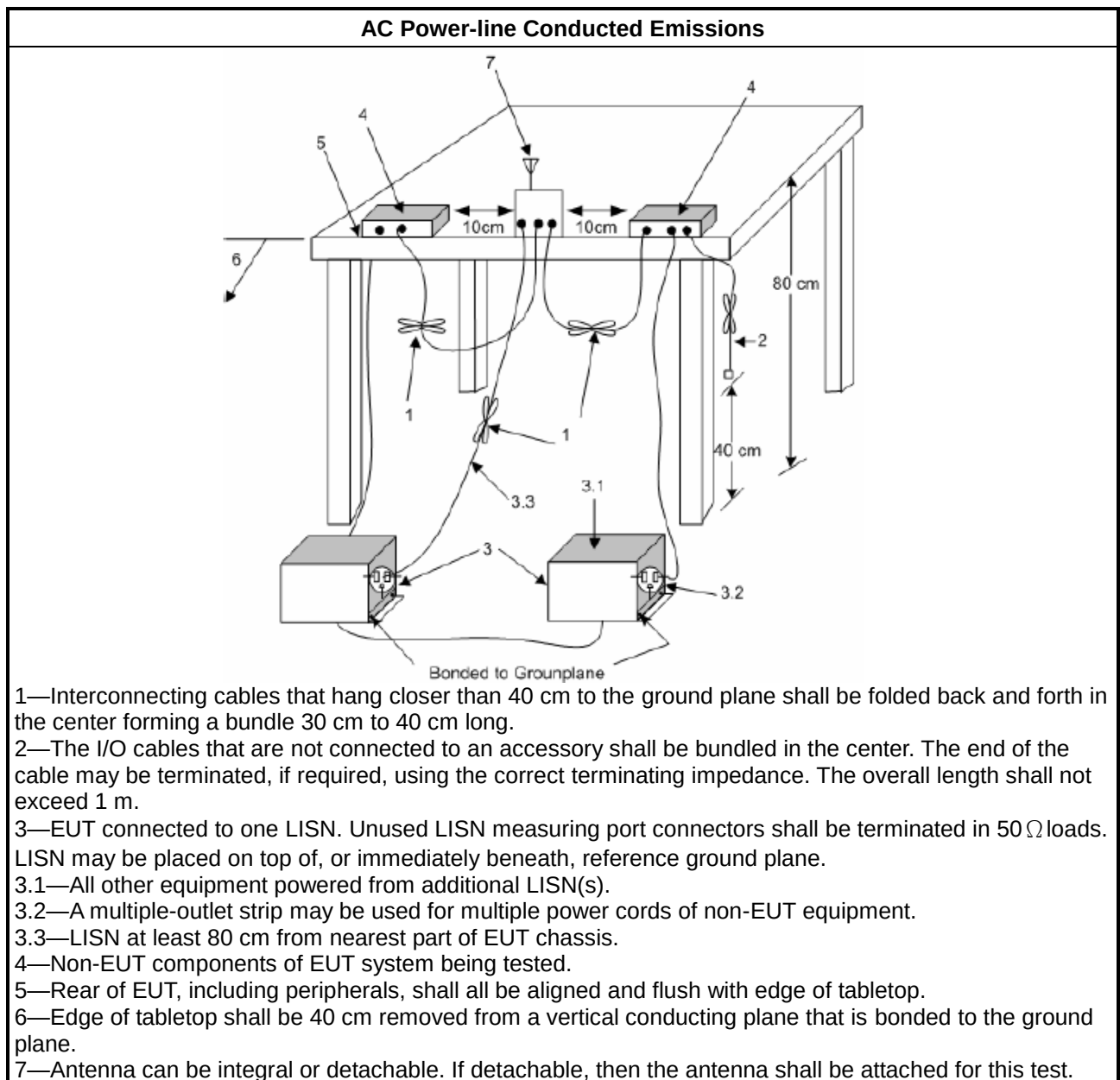
Test Method
▪ Refer as ANSI C63.10-2013, clause 6.2 foray power-line conducted emissions.

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.

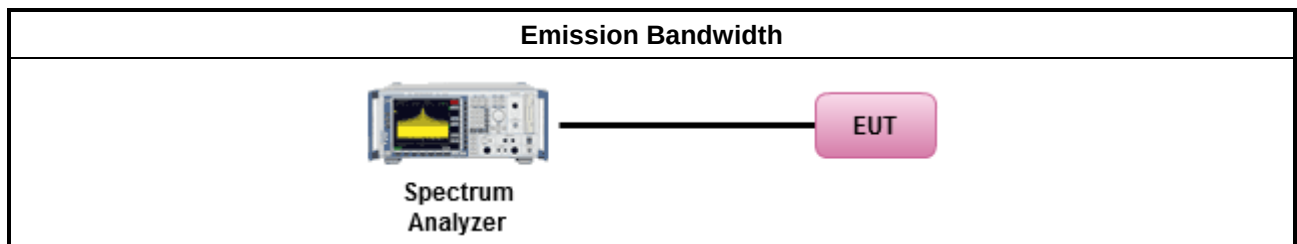
3.2.2 Measuring Instruments

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.	

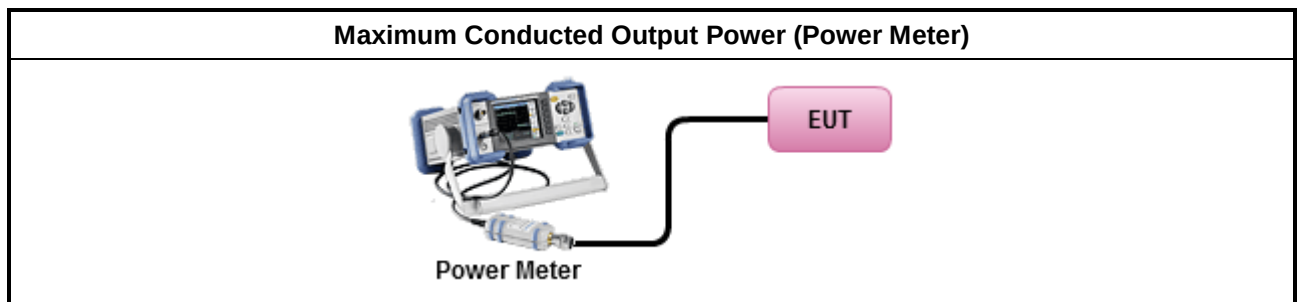
3.3.2 Measuring Instruments

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 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 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

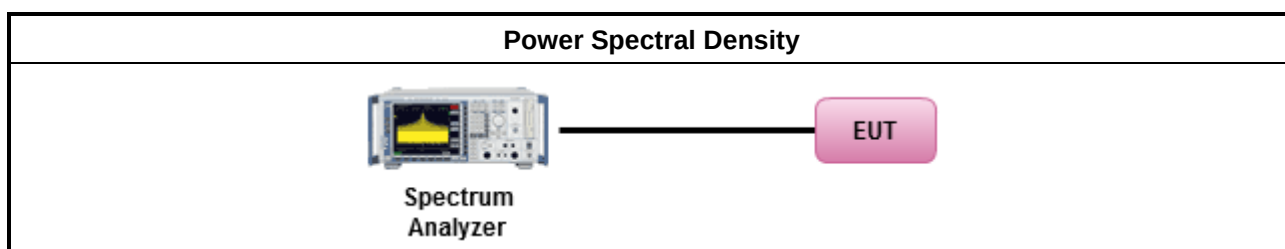
3.4.2 Measuring Instruments

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.	

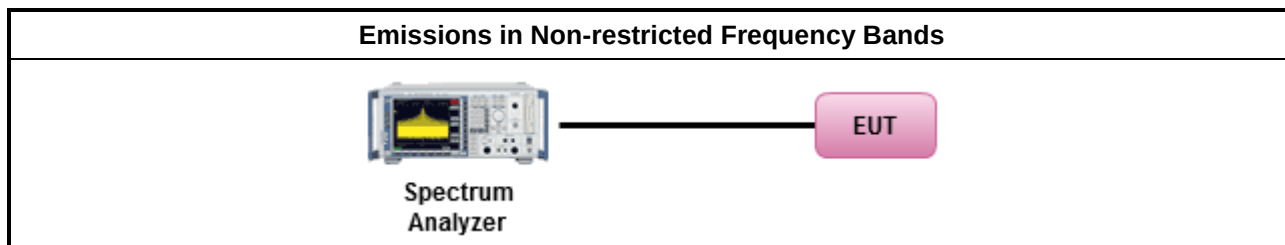
3.5.2 Measuring Instruments

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

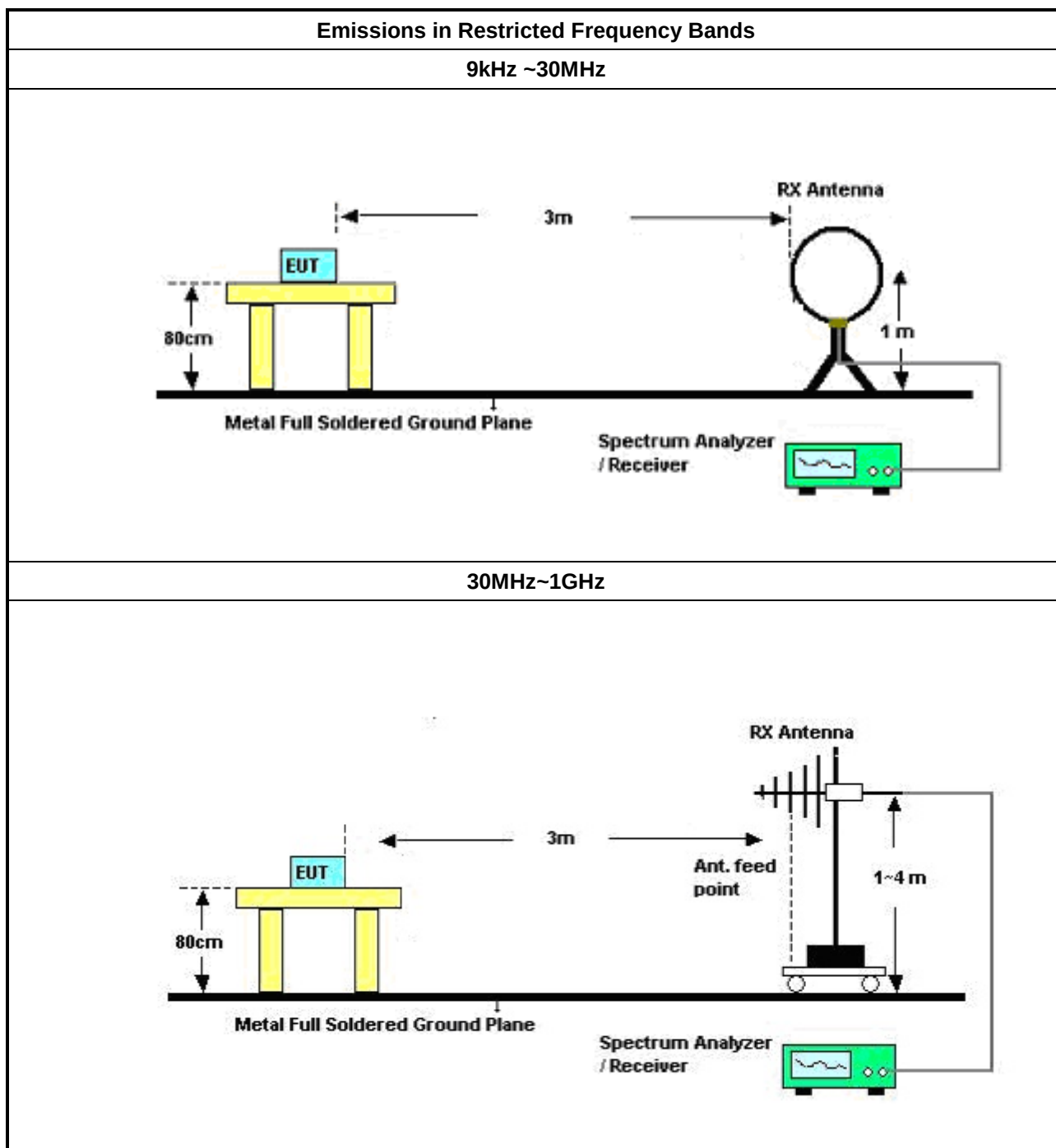
Test Method	
	The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].
	Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.
	For the transmitter unwanted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

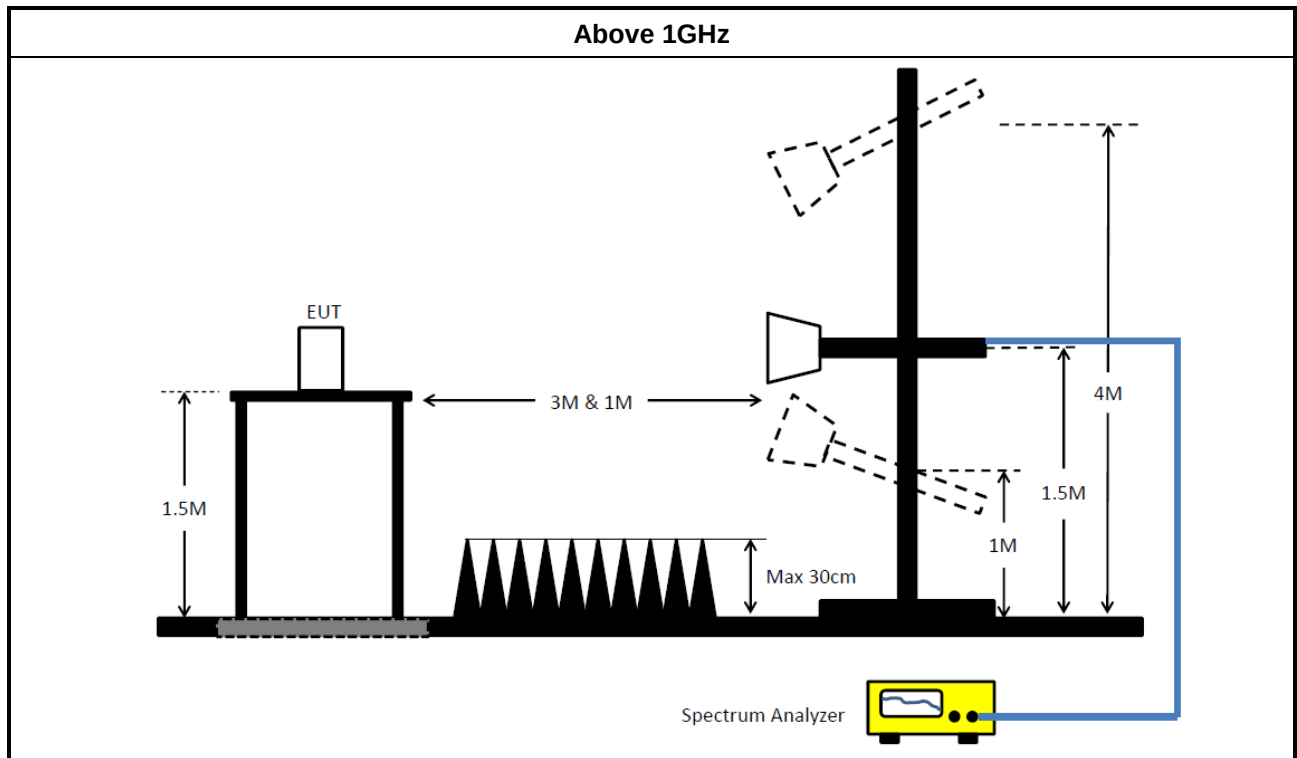
3.6.4 Measurement Results Calculation

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	R&S	ESR	102051	9kHz ~ 3.6GHz	13/May/2022	12/May/2023
Two-Line V-Network	R&S	ENV 216	101295	9kHz ~ 30MHz	31/Jan/2023	30/Jan/2024
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	25/Oct/2022	24/Oct/2023
Software	Sporton	SENSE-EMI	V5.10.8.7	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	14/Feb/2022	13/Feb/2023
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2022	20/Oct/2023
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	14/Dec/2022	13/Dec/2023
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	14/Dec/2022	13/Dec/2023
SENSE-15247_FS	Sporton	V5.11.1	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	20/Dec/2022	19/Dec/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz~40GHz	08/Mar/2022	07/Mar/2023
SENSE-EMI	Sporton	V5.10.8.7	NA	NA	NA	NA

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	31/Jul/2022	30/Jul/2023
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	30/Jul/2022	29/Jul/2023
Signal Analyzer	R&S	FSP 40	100305	9kHz~40GHz	21/Mar/2022	20/Mar/2023
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	28/Jun/2022	27/Jun/2023
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	02/Nov/2022	01/Nov/2023
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz ~18GHz	27/Sep/2022	26/Sep/2023
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	28/Aug/2022	27/Aug/2023
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	9kHz~30MHz	20/Dec/2022	19/Dec/2023
RF Cable	MVE	400LL+SN 200207	03CH02-cable-02	30MHz~1GHz	20/Dec/2022	19/Dec/2023
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	03CH02-cable-01	1GHz~40GHz	20/Dec/2022	19/Dec/2023
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	18/Mar/2022	17/Mar/2023
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	18/Mar/2022	17/Mar/2023
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	30/May/2022	29/May/2023
SENSE-15247_FS	Sporton	V5.10.8.9	NA	NA	NA	NA



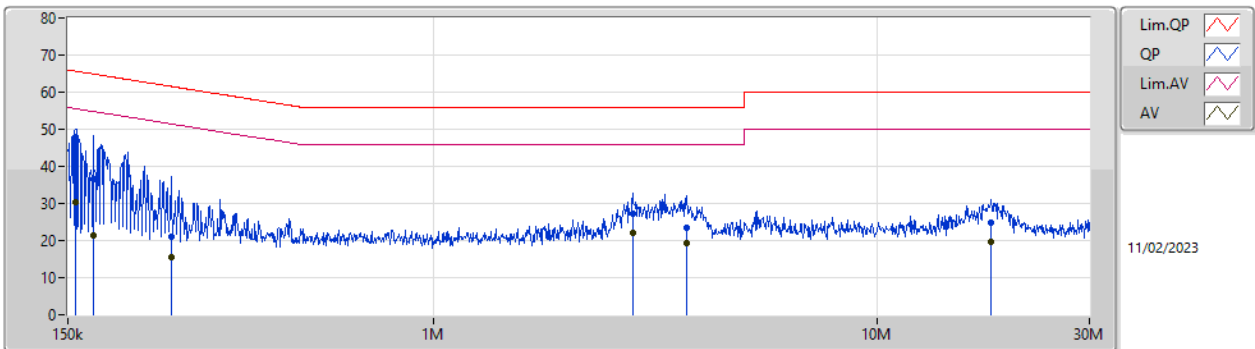
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	156.109k	48.09	65.67	-17.58	Line

Result

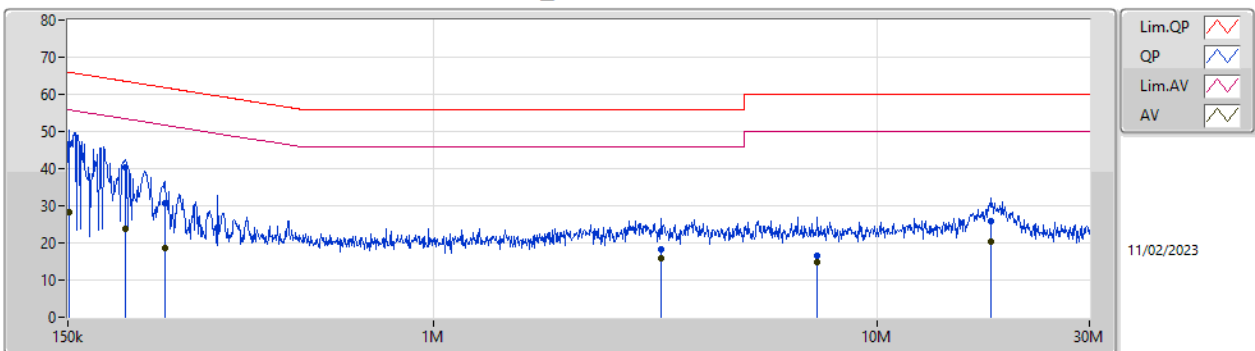
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	156.109k	48.09	65.67	-17.58	Line	-
Mode 1	Pass	AV	156.109k	30.44	55.67	-25.23	Line	-
Mode 1	Pass	QP	171.121k	36.64	64.91	-28.27	Line	-
Mode 1	Pass	AV	171.121k	21.39	54.91	-33.52	Line	-
Mode 1	Pass	QP	256.1k	21.04	61.56	-40.52	Line	-
Mode 1	Pass	AV	256.1k	15.48	51.56	-36.08	Line	-
Mode 1	Pass	QP	2.81M	27.27	56.00	-28.73	Line	-
Mode 1	Pass	AV	2.81M	22.19	46.00	-23.81	Line	-
Mode 1	Pass	QP	3.715M	23.41	56.00	-32.59	Line	-
Mode 1	Pass	AV	3.715M	19.42	46.00	-26.58	Line	-
Mode 1	Pass	QP	18.053M	24.84	60.00	-35.16	Line	-
Mode 1	Pass	AV	18.053M	19.71	50.00	-30.29	Line	-
Mode 1	Pass	QP	150.6k	46.51	65.96	-19.45	Neutral	-
Mode 1	Pass	AV	150.6k	28.11	55.96	-27.85	Neutral	-
Mode 1	Pass	QP	202.358k	40.31	63.51	-23.20	Neutral	-
Mode 1	Pass	AV	202.358k	23.90	53.51	-29.61	Neutral	-
Mode 1	Pass	QP	249.042k	30.68	61.79	-31.11	Neutral	-
Mode 1	Pass	AV	249.042k	18.45	51.79	-33.34	Neutral	-
Mode 1	Pass	QP	3.244M	18.14	56.00	-37.86	Neutral	-
Mode 1	Pass	AV	3.244M	15.79	46.00	-30.21	Neutral	-
Mode 1	Pass	QP	7.324M	16.66	60.00	-43.34	Neutral	-
Mode 1	Pass	AV	7.324M	14.85	50.00	-35.15	Neutral	-
Mode 1	Pass	QP	18.053M	25.75	60.00	-34.25	Neutral	-
Mode 1	Pass	AV	18.053M	20.45	50.00	-29.55	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	156.109k	48.09	65.67	-17.58	19.55	Line	-	28.54	9.59	0.03	9.93			
AV	156.109k	30.44	55.67	-25.23	19.55	Line	-	10.89	9.59	0.03	9.93			
QP	171.121k	36.64	64.91	-28.27	19.55	Line	-	17.09	9.59	0.03	9.93			
AV	171.121k	21.39	54.91	-33.52	19.55	Line	-	1.84	9.59	0.03	9.93			
QP	256.1k	21.04	61.56	-40.52	19.56	Line	-	1.48	9.59	0.03	9.94			
AV	256.1k	15.48	51.56	-36.08	19.56	Line	-	-4.08	9.59	0.03	9.94			
QP	2.81M	27.27	56.00	-28.73	19.69	Line	-	7.58	9.65	0.10	9.94			
AV	2.81M	22.19	46.00	-23.81	19.69	Line	-	2.50	9.65	0.10	9.94			
QP	3.715M	23.41	56.00	-32.59	19.72	Line	-	3.69	9.67	0.12	9.93			
AV	3.715M	19.42	46.00	-26.58	19.72	Line	-	-0.30	9.67	0.12	9.93			
QP	18.053M	24.84	60.00	-35.16	19.92	Line	-	4.92	9.69	0.26	9.97			
AV	18.053M	19.71	50.00	-30.29	19.92	Line	-	-0.21	9.69	0.26	9.97			

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150.6k	46.51	65.96	-19.45	19.56	Neutral	-	26.95	9.60	0.03	9.93			
AV	150.6k	28.11	55.96	-27.85	19.56	Neutral	-	8.55	9.60	0.03	9.93			
QP	202.358k	40.31	63.51	-23.20	19.56	Neutral	-	20.75	9.60	0.03	9.93			
AV	202.358k	23.90	53.51	-29.61	19.56	Neutral	-	4.34	9.60	0.03	9.93			
QP	249.042k	30.68	61.79	-31.11	19.57	Neutral	-	11.11	9.60	0.03	9.94			
AV	249.042k	18.45	51.79	-33.34	19.57	Neutral	-	-1.12	9.60	0.03	9.94			
QP	3.244M	18.14	56.00	-37.86	19.67	Neutral	-	-1.53	9.63	0.11	9.93			
AV	3.244M	15.79	46.00	-30.21	19.67	Neutral	-	-3.88	9.63	0.11	9.93			
QP	7.324M	16.66	60.00	-43.34	19.79	Neutral	-	-3.13	9.68	0.16	9.95			
AV	7.324M	14.85	50.00	-35.15	19.79	Neutral	-	-4.94	9.68	0.16	9.95			
QP	18.053M	25.75	60.00	-34.25	19.95	Neutral	-	5.80	9.72	0.26	9.97			
AV	18.053M	20.45	50.00	-29.55	19.95	Neutral	-	0.50	9.72	0.26	9.97			



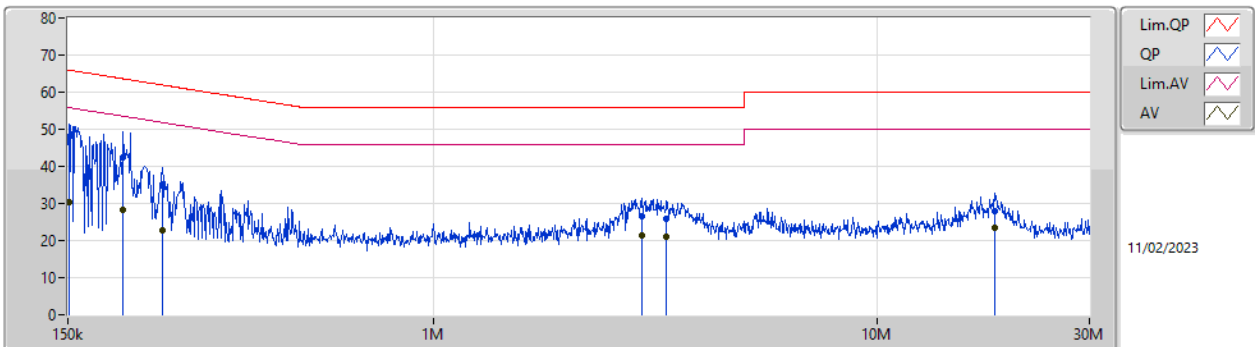
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150.6k	47.81	65.96	-18.15	Line

Result

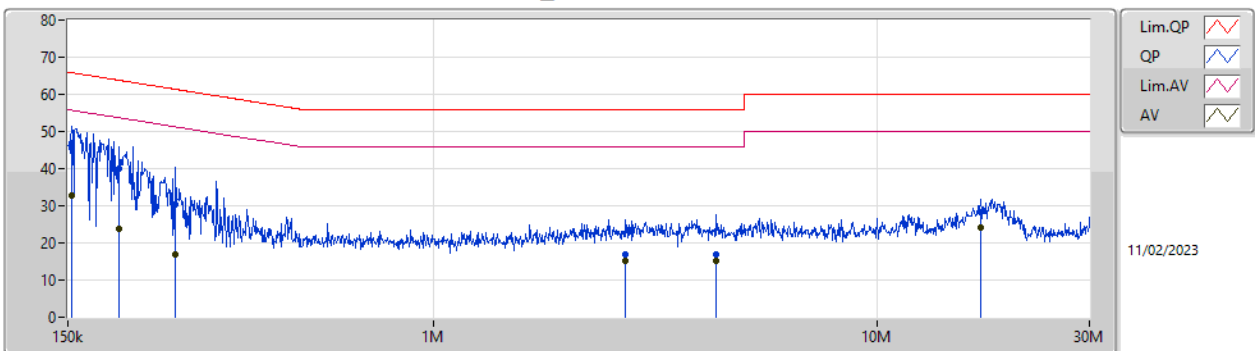
Mode	Result	Type	Freq (Hz)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150.6k	47.81	65.96	-18.15	Line	-
Mode 1	Pass	AV	150.6k	30.28	55.96	-25.68	Line	-
Mode 1	Pass	QP	199.949k	42.44	63.61	-21.17	Line	-
Mode 1	Pass	AV	199.949k	28.30	53.61	-25.31	Line	-
Mode 1	Pass	QP	245.097k	35.31	61.93	-26.62	Line	-
Mode 1	Pass	AV	245.097k	22.92	51.93	-29.01	Line	-
Mode 1	Pass	QP	2.947M	26.63	56.00	-29.37	Line	-
Mode 1	Pass	AV	2.947M	21.31	46.00	-24.69	Line	-
Mode 1	Pass	QP	3.349M	25.99	56.00	-30.01	Line	-
Mode 1	Pass	AV	3.349M	21.07	46.00	-24.93	Line	-
Mode 1	Pass	QP	18.343M	27.92	60.00	-32.08	Line	-
Mode 1	Pass	AV	18.343M	23.36	50.00	-26.64	Line	-
Mode 1	Pass	QP	153.024k	47.06	65.83	-18.77	Neutral	-
Mode 1	Pass	AV	153.024k	32.91	55.83	-22.92	Neutral	-
Mode 1	Pass	QP	195.997k	40.10	63.78	-23.68	Neutral	-
Mode 1	Pass	AV	195.997k	23.82	53.78	-29.96	Neutral	-
Mode 1	Pass	QP	262.308k	30.39	61.35	-30.96	Neutral	-
Mode 1	Pass	AV	262.308k	16.91	51.35	-34.44	Neutral	-
Mode 1	Pass	QP	2.71M	17.06	56.00	-38.94	Neutral	-
Mode 1	Pass	AV	2.71M	15.02	46.00	-30.98	Neutral	-
Mode 1	Pass	QP	4.341M	16.85	56.00	-39.15	Neutral	-
Mode 1	Pass	AV	4.341M	15.02	46.00	-30.98	Neutral	-
Mode 1	Pass	QP	17.072M	28.11	60.00	-31.89	Neutral	-
Mode 1	Pass	AV	17.072M	24.25	50.00	-25.75	Neutral	-

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	150.6k	47.81	65.96	-18.15	19.55	Line	-	28.26	9.59	0.03	9.93			
AV	150.6k	30.28	55.96	-25.68	19.55	Line	-	10.73	9.59	0.03	9.93			
QP	199.949k	42.44	63.61	-21.17	19.55	Line	-	22.89	9.59	0.03	9.93			
AV	199.949k	28.30	53.61	-25.31	19.55	Line	-	8.75	9.59	0.03	9.93			
QP	245.097k	35.31	61.93	-26.62	19.56	Line	-	15.75	9.59	0.03	9.94			
AV	245.097k	22.92	51.93	-29.01	19.56	Line	-	3.36	9.59	0.03	9.94			
QP	2.947M	26.63	56.00	-29.37	19.70	Line	-	6.93	9.66	0.11	9.93			
AV	2.947M	21.31	46.00	-24.69	19.70	Line	-	1.61	9.66	0.11	9.93			
QP	3.349M	25.99	56.00	-30.01	19.71	Line	-	6.28	9.66	0.12	9.93			
AV	3.349M	21.07	46.00	-24.93	19.71	Line	-	1.36	9.66	0.12	9.93			
QP	18.343M	27.92	60.00	-32.08	19.92	Line	-	8.00	9.69	0.26	9.97			
AV	18.343M	23.36	50.00	-26.64	19.92	Line	-	3.44	9.69	0.26	9.97			

Conducted Emissions at Powerline_Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	153.024k	47.06	65.83	-18.77	19.56	Neutral	-	27.50	9.60	0.03	9.93			
AV	153.024k	32.91	55.83	-22.92	19.56	Neutral	-	13.35	9.60	0.03	9.93			
QP	195.997k	40.10	63.78	-23.68	19.56	Neutral	-	20.54	9.60	0.03	9.93			
AV	195.997k	23.82	53.78	-29.96	19.56	Neutral	-	4.26	9.60	0.03	9.93			
QP	262.308k	30.39	61.35	-30.96	19.57	Neutral	-	10.82	9.60	0.03	9.94			
AV	262.308k	16.91	51.35	-34.44	19.57	Neutral	-	-2.66	9.60	0.03	9.94			
QP	2.71M	17.06	56.00	-38.94	19.67	Neutral	-	-2.61	9.63	0.10	9.94			
AV	2.71M	15.02	46.00	-30.98	19.67	Neutral	-	-4.65	9.63	0.10	9.94			
QP	4.341M	16.85	56.00	-39.15	19.71	Neutral	-	-2.86	9.65	0.13	9.93			
AV	4.341M	15.02	46.00	-30.98	19.71	Neutral	-	-4.69	9.65	0.13	9.93			
QP	17.072M	28.11	60.00	-31.89	19.94	Neutral	-	8.17	9.72	0.25	9.97			
AV	17.072M	24.25	50.00	-25.75	19.94	Neutral	-	4.31	9.72	0.25	9.97			

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)	658.75k	1.018M	1M02F1D	653.75k	1.011M
BT-LE(125kbps)	597.5k	1.054M	1M05F1D	596.25k	1.044M
BT-LE(500kbps)	656.25k	1.017M	1M02F1D	655k	1.012M
BT-LE(2Mbps)	1.125M	2.042M	2M04F1D	950k	2.027M

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

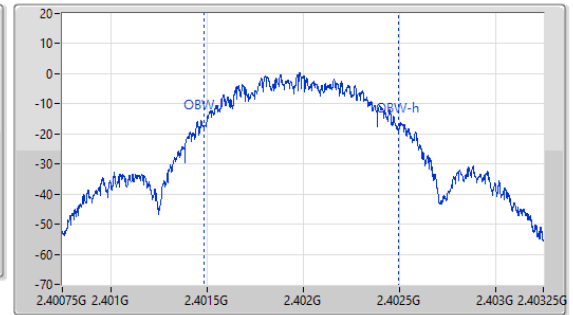
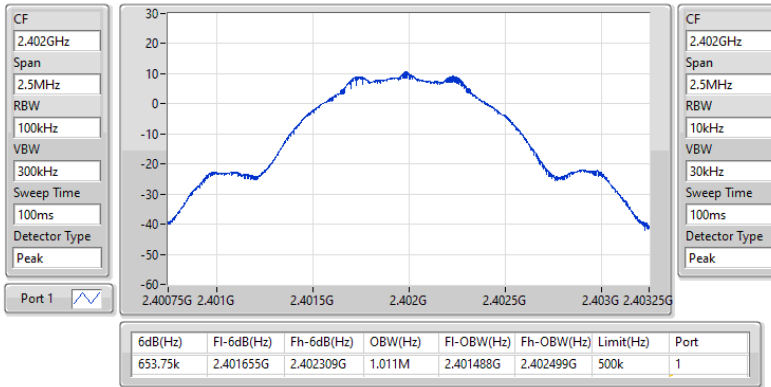
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	653.75k	1.011M
2440MHz	Pass	500k	658.75k	1.018M
2480MHz	Pass	500k	655k	1.018M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	950k	2.042M
2440MHz	Pass	500k	1.125M	2.027M
2480MHz	Pass	500k	1.12M	2.033M
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	500k	596.25k	1.054M
2440MHz	Pass	500k	596.25k	1.046M
2480MHz	Pass	500k	597.5k	1.044M
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	500k	655k	1.017M
2440MHz	Pass	500k	656.25k	1.012M
2480MHz	Pass	500k	656.25k	1.017M

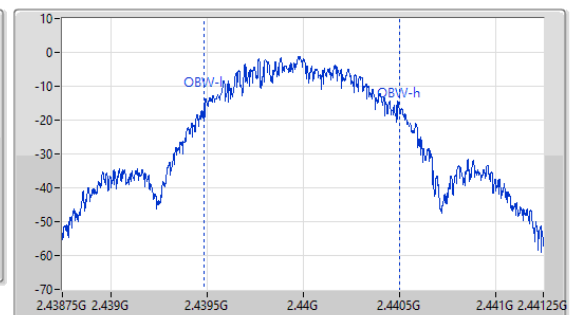
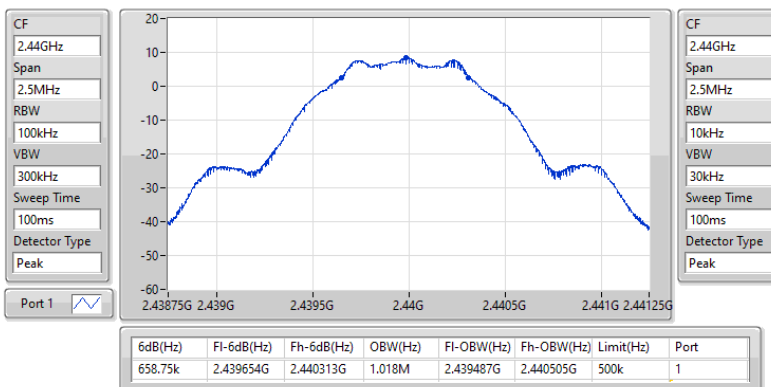
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_BT-LE(1Mbps)
EBW-DTS
2402MHz

10/02/2023


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

10/02/2023

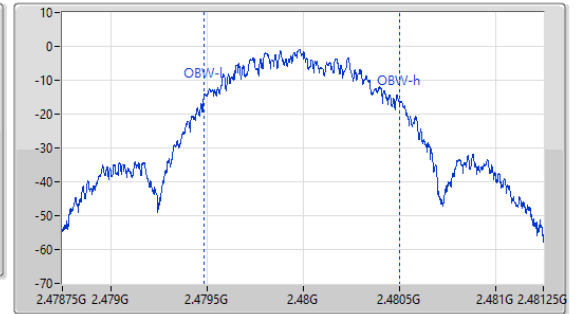
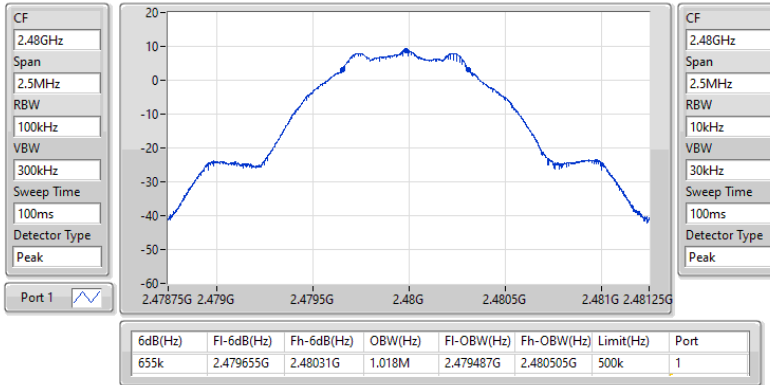


2.4-2.4835GHz_BT-LE(1Mbps)

EBW-DTS

2480MHz

10/02/2023

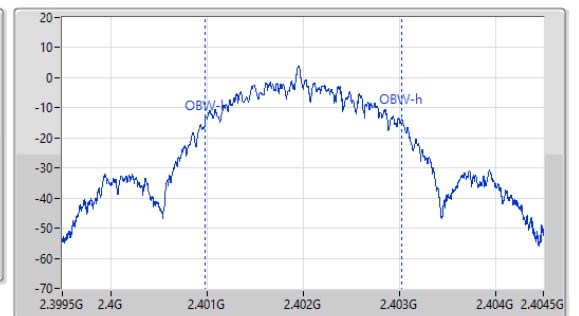
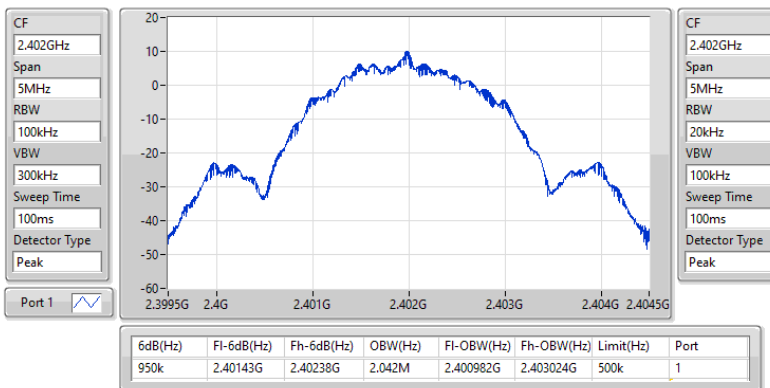


2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

2402MHz

10/02/2023

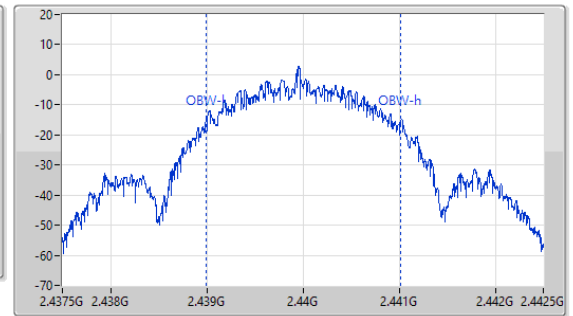
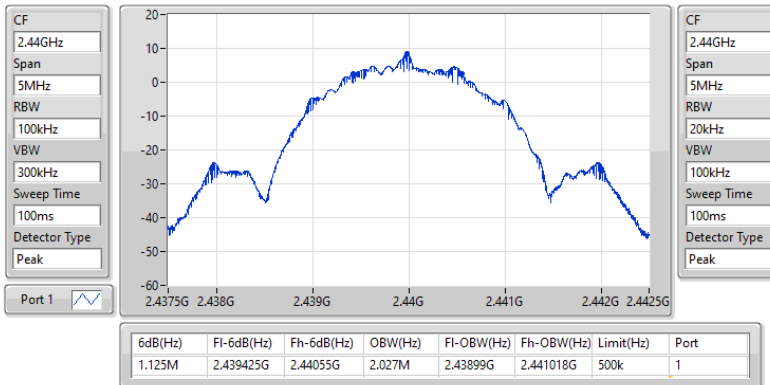


2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

2440MHz

10/02/2023

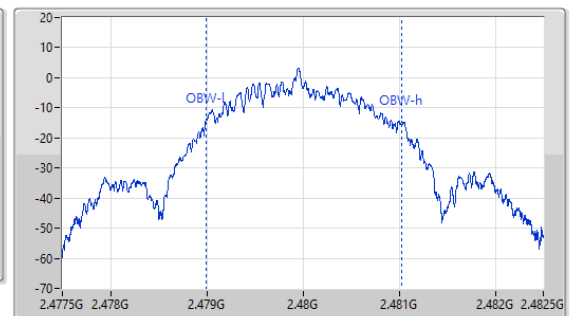
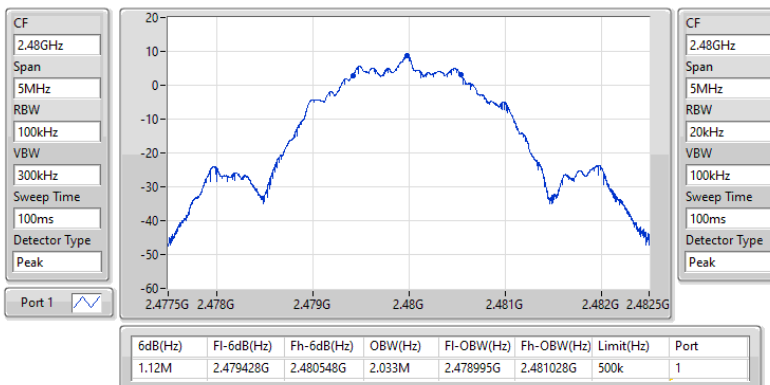


2.4-2.4835GHz_BT-LE(2Mbps)

EBW-DTS

2480MHz

10/02/2023

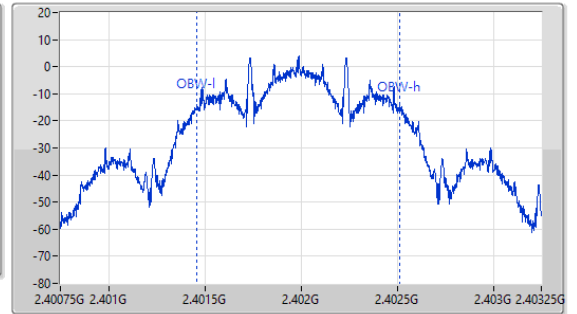
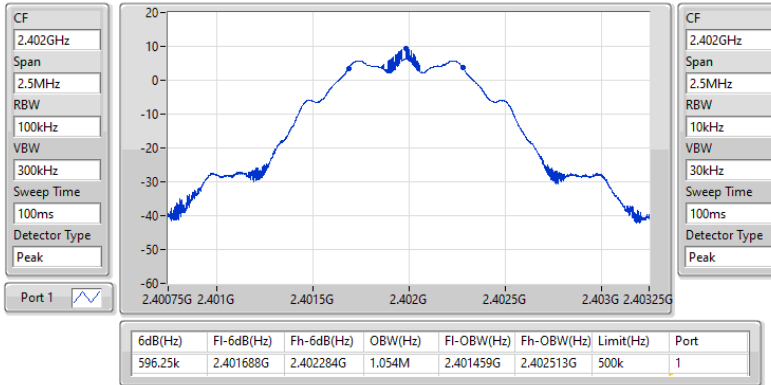


2.4-2.4835GHz_BT-LE(125kbps)

EBW-DTS

2402MHz

10/02/2023

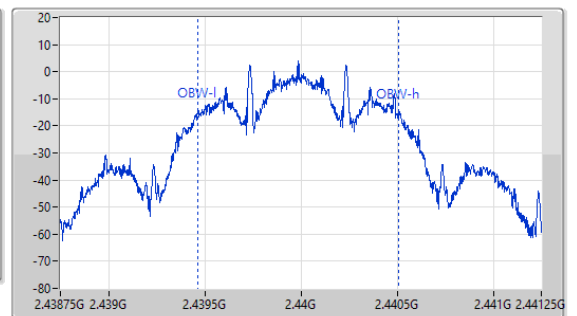
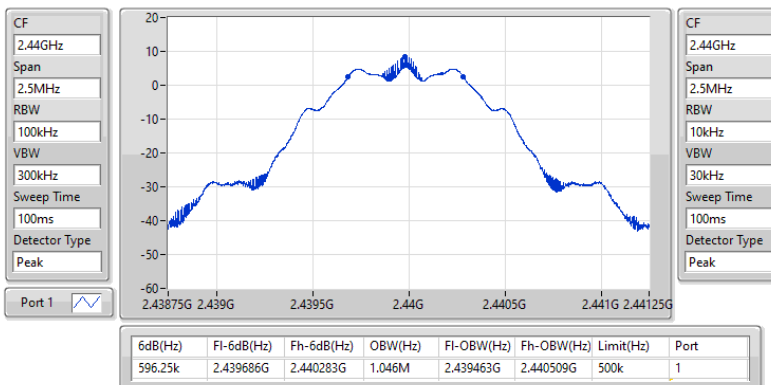


2.4-2.4835GHz_BT-LE(125kbps)

EBW-DTS

2440MHz

10/02/2023

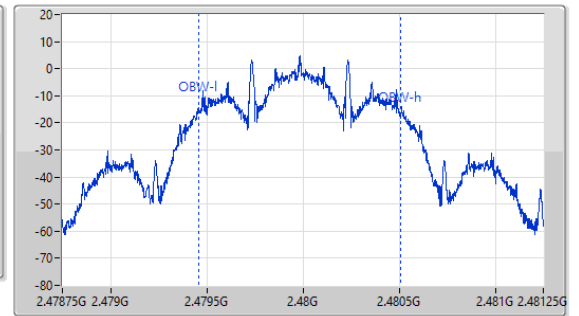
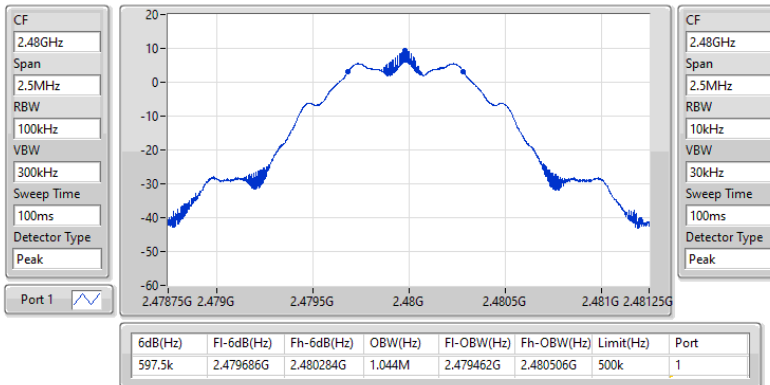


2.4-2.4835GHz_BT-LE(125kbps)

EBW-DTS

2480MHz

10/02/2023

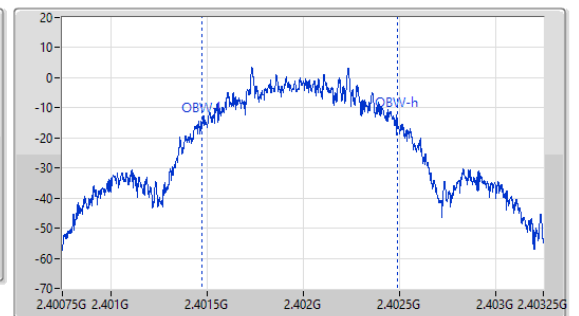
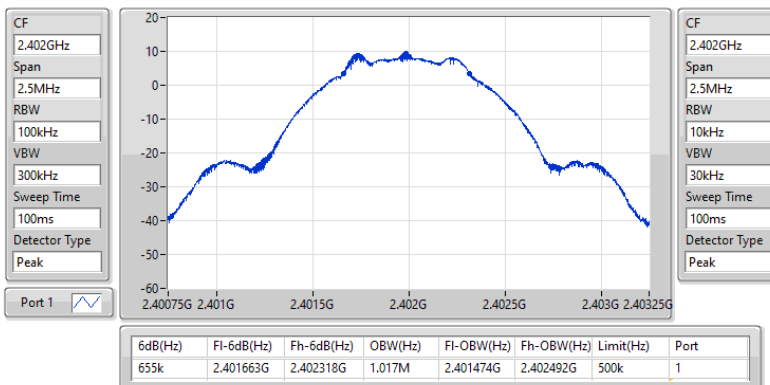


2.4-2.4835GHz_BT-LE(500kbps)

EBW-DTS

2402MHz

10/02/2023

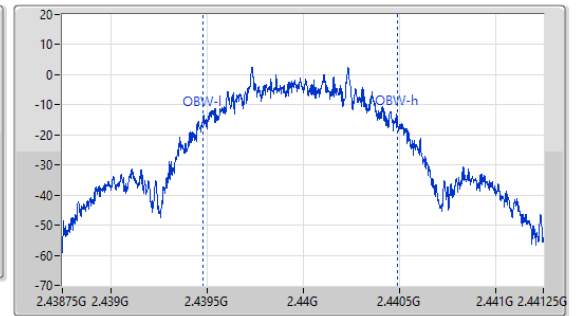
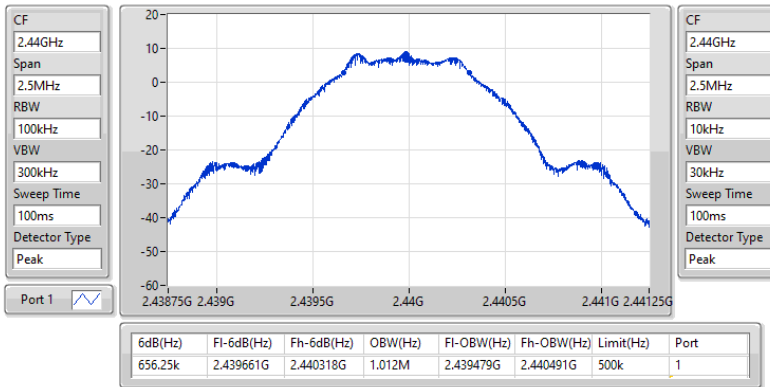


2.4-2.4835GHz_BT-LE(500kbps)

EBW-DTS

2440MHz

10/02/2023

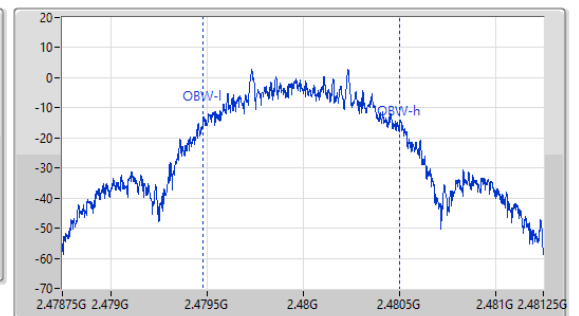
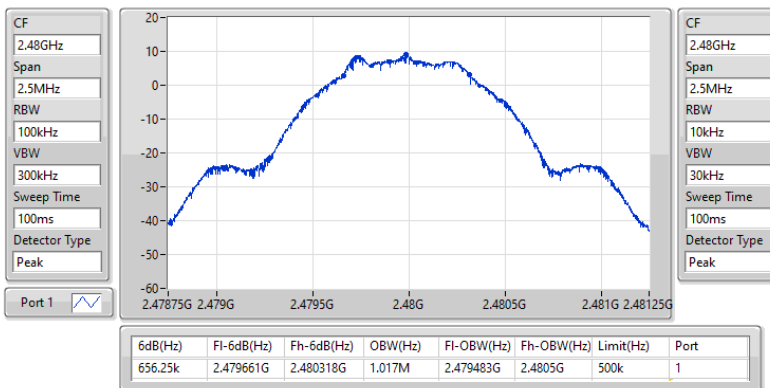


2.4-2.4835GHz_BT-LE(500kbps)

EBW-DTS

2480MHz

10/02/2023





Summary

Mode	Total Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	9.47	0.00885
BT-LE(125kbps)	9.23	0.00838
BT-LE(500kbps)	9.23	0.00838
BT-LE(2Mbps)	8.62	0.00728

Result

Mode	Result	DG (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	5.00	9.47	30.00
2440MHz	Pass	5.00	8.04	30.00
2480MHz	Pass	5.00	8.26	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	5.00	8.62	30.00
2440MHz	Pass	5.00	7.81	30.00
2480MHz	Pass	5.00	8.02	30.00
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	5.00	9.23	30.00
2440MHz	Pass	5.00	9.02	30.00
2480MHz	Pass	5.00	9.01	30.00
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	5.00	9.23	30.00
2440MHz	Pass	5.00	8.36	30.00
2480MHz	Pass	5.00	8.57	30.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-6.57
BT-LE(125kbps)	3.17
BT-LE(500kbps)	1.47
BT-LE(2Mbps)	-7.48

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	5.00	-6.57	8.00
2440MHz	Pass	5.00	-7.15	8.00
2480MHz	Pass	5.00	-6.86	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	5.00	-7.48	8.00
2440MHz	Pass	5.00	-9.86	8.00
2480MHz	Pass	5.00	-7.93	8.00
BT-LE(125kbps)	-	-	-	-
2402MHz	Pass	5.00	3.17	8.00
2440MHz	Pass	5.00	2.87	8.00
2480MHz	Pass	5.00	2.92	8.00
BT-LE(500kbps)	-	-	-	-
2402MHz	Pass	5.00	1.11	8.00
2440MHz	Pass	5.00	1.47	8.00
2480MHz	Pass	5.00	0.49	8.00

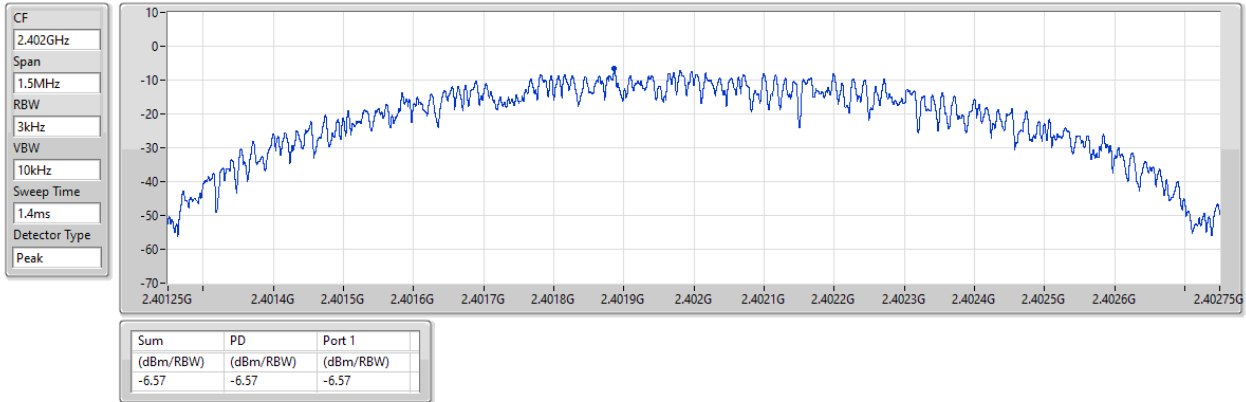
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2402MHz

10/02/2023

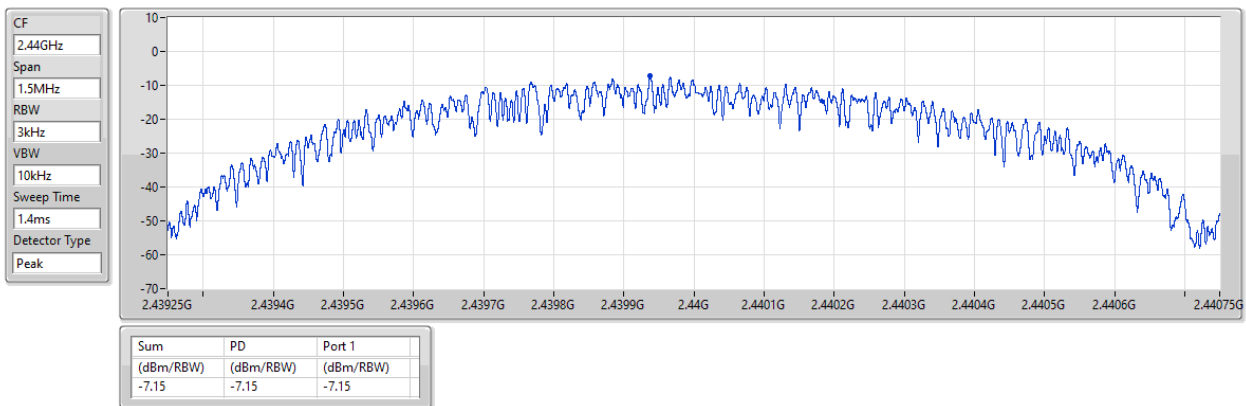


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2440MHz

10/02/2023

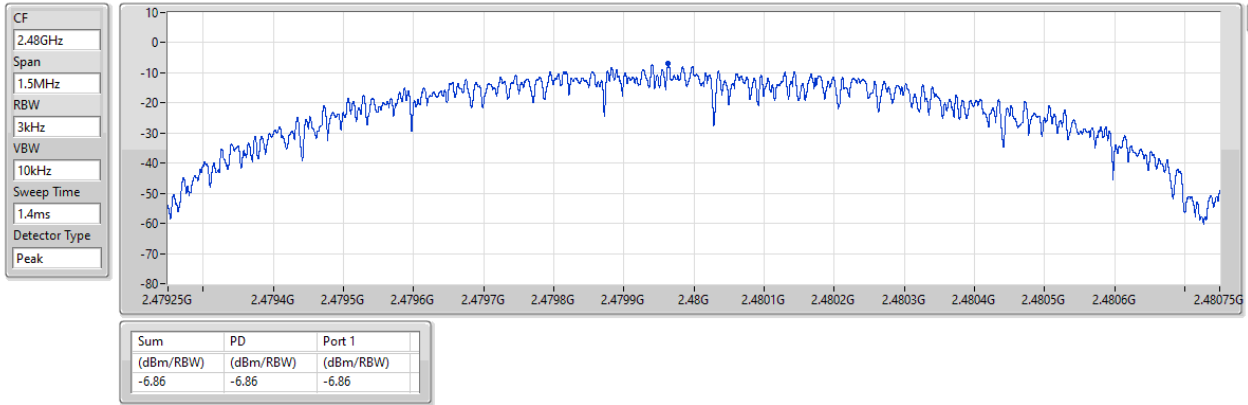


2.4-2.4835GHz_BT-LE(1Mbps)

PSD

2480MHz

10/02/2023

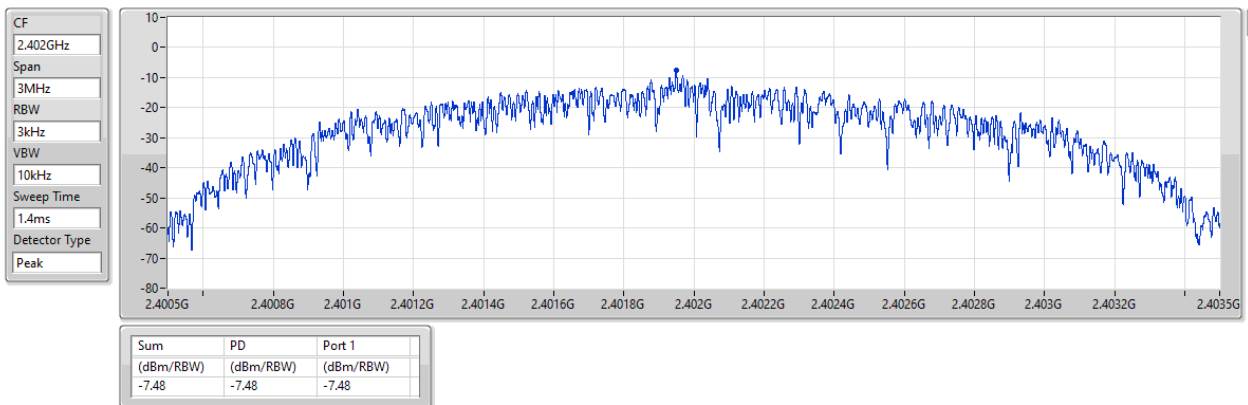


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2402MHz

10/02/2023

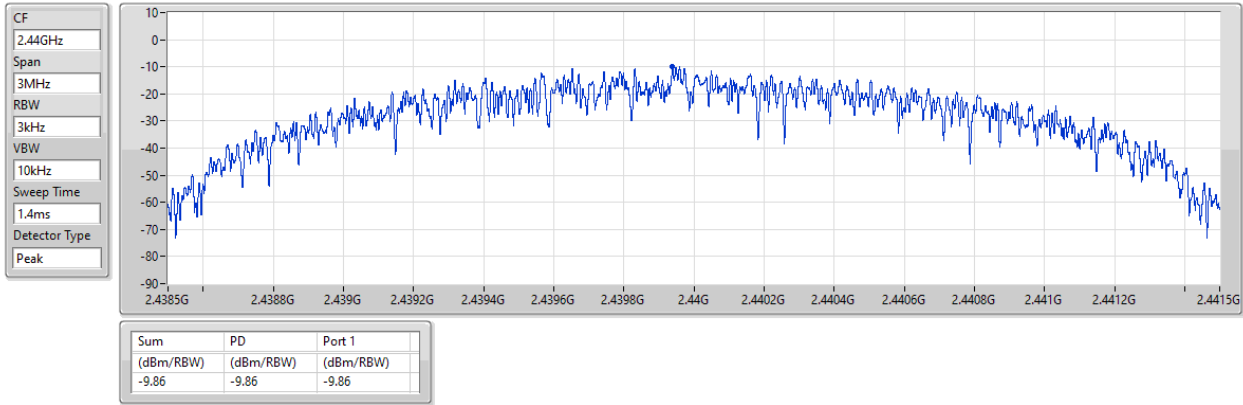


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2440MHz

10/02/2023

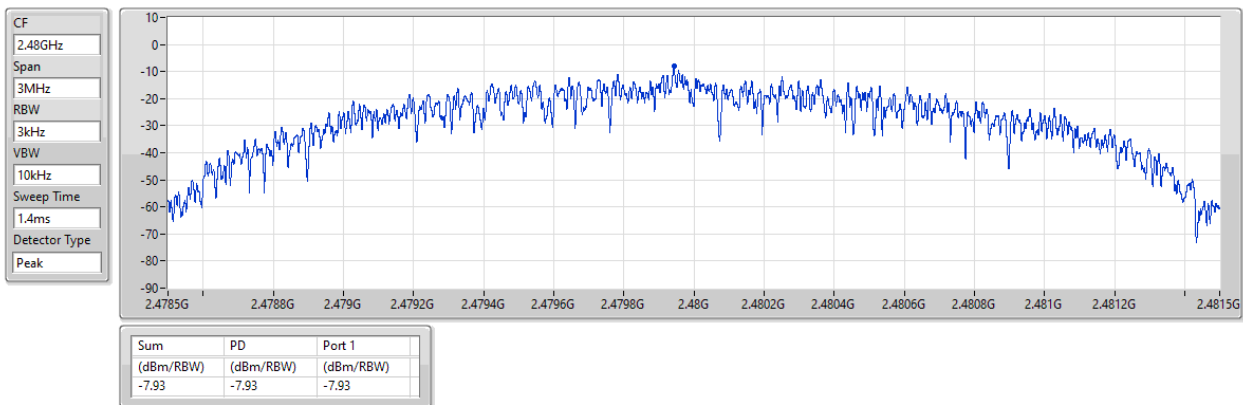


2.4-2.4835GHz_BT-LE(2Mbps)

PSD

2480MHz

10/02/2023

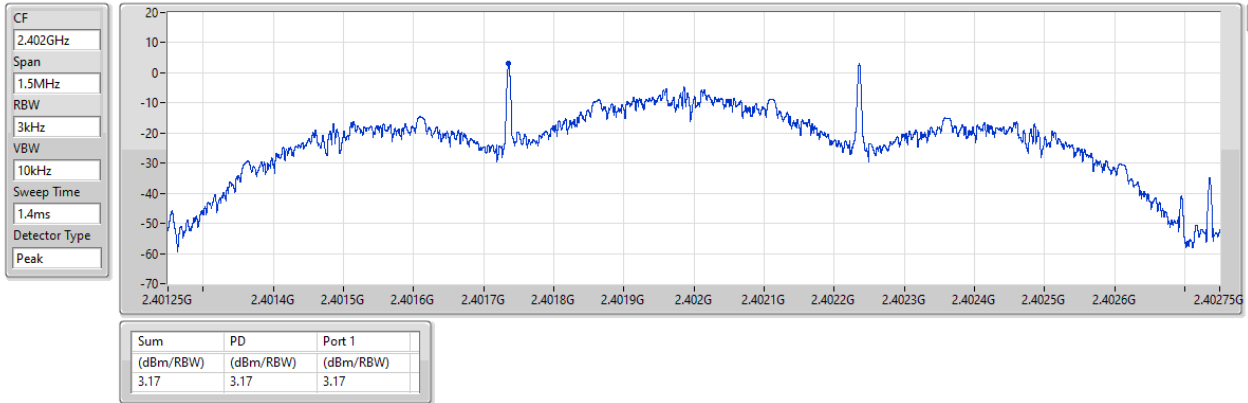


2.4-2.4835GHz_BT-LE(125kbps)

PSD

2402MHz

10/02/2023

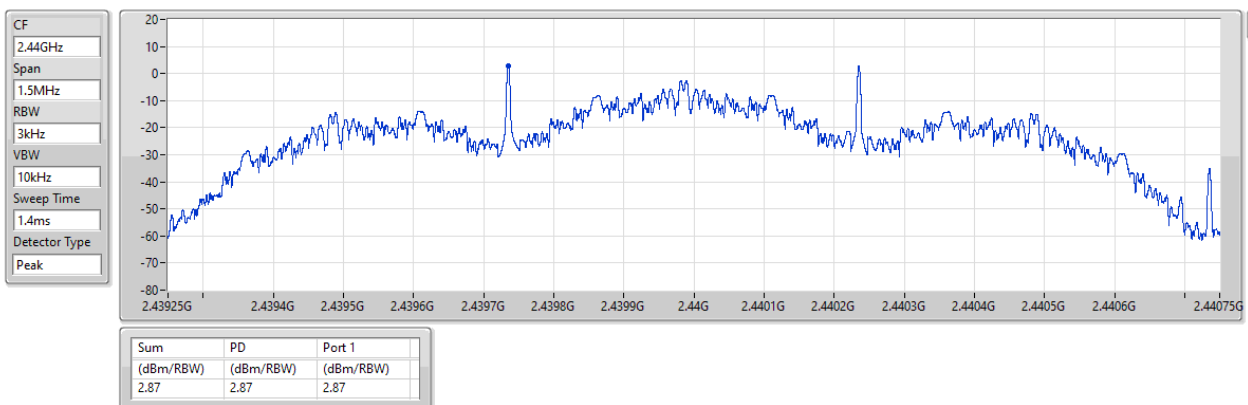


2.4-2.4835GHz_BT-LE(125kbps)

PSD

2440MHz

10/02/2023

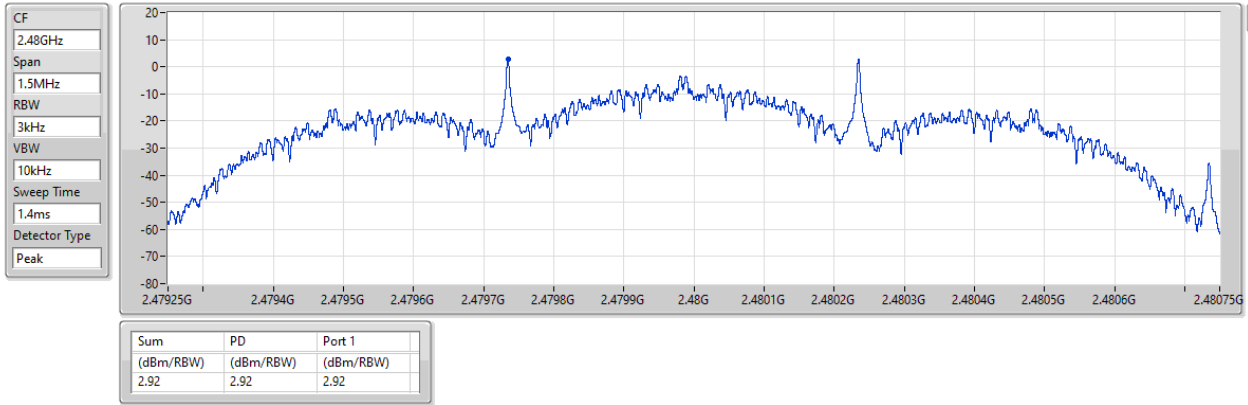


2.4-2.4835GHz_BT-LE(125kbps)

PSD

2480MHz

10/02/2023

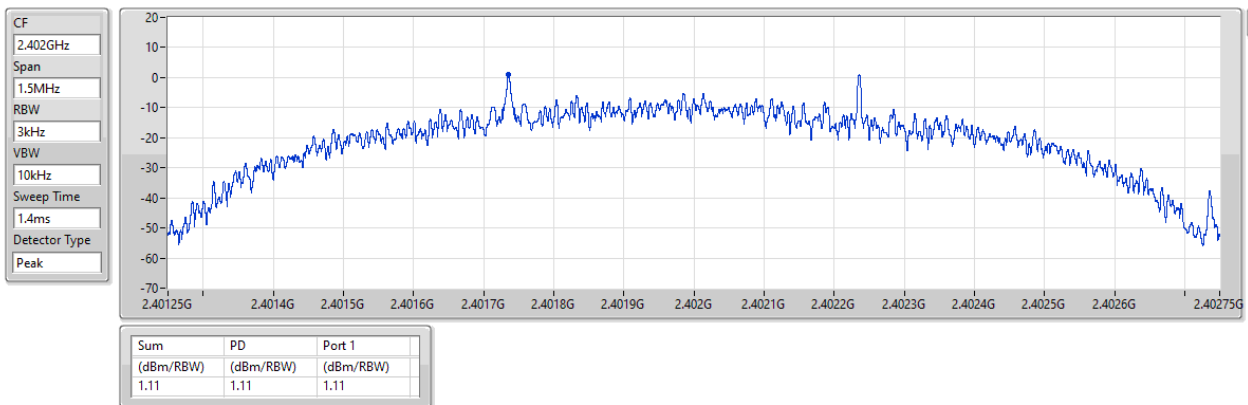


2.4-2.4835GHz_BT-LE(500kbps)

PSD

2402MHz

10/02/2023

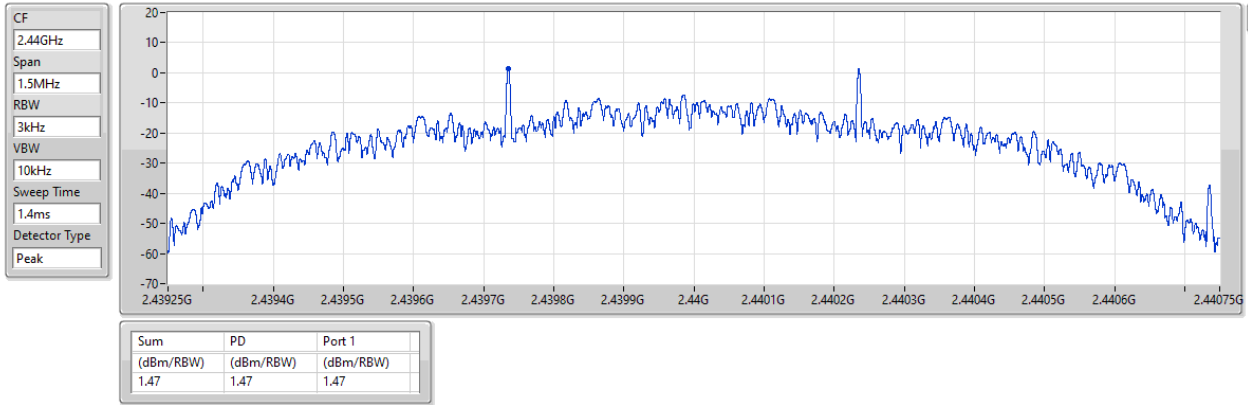


2.4-2.4835GHz_BT-LE(500kbps)

PSD

2440MHz

10/02/2023

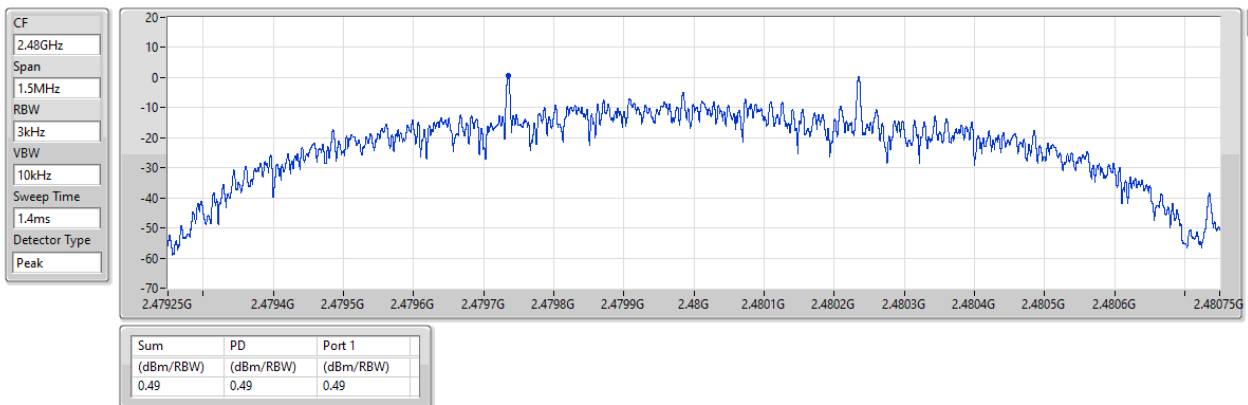


2.4-2.4835GHz_BT-LE(500kbps)

PSD

2480MHz

10/02/2023



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	2.40184G	9.85	-20.15	2.18143G	-54.34	2.39144G	-47.59	2.4G	-49.25	2.50058G	-52.29	21.57772G	-44.28	1
BT-LE(125kbps)	Pass	2.40184G	6.04	-23.96	2.18378G	-55.03	2.4G	-47.66	2.4G	-48.42	2.50206G	-52.56	21.5974G	-44.16	1
BT-LE(500kbps)	Pass	2.40167G	8.93	-21.07	2.17438G	-54.98	2.39136G	-46.95	2.4G	-49.22	2.50234G	-52.95	21.59459G	-44.75	1
BT-LE(2Mbps)	Pass	2.40184G	9.15	-20.85	2.04513G	-53.84	2.4G	-23.21	2.4G	-23.50	2.50314G	-52.77	21.50179G	-44.10	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	9.85	-20.15	2.18143G	-54.34	2.39144G	-47.59	2.4G	-49.25	2.50058G	-52.29	21.57772G	-44.28	1
2440MHz	Pass	2.40184G	9.85	-20.15	2.30598G	-55.54	2.39036G	-52.48	2.4G	-56.66	2.50038G	-52.89	21.55804G	-43.87	1
2480MHz	Pass	2.40184G	9.85	-20.15	2.1779G	-54.78	2.39272G	-51.91	2.4G	-57.11	2.50106G	-52.41	21.64521G	-43.69	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	9.15	-20.85	2.04513G	-53.84	2.4G	-23.21	2.4G	-23.50	2.50314G	-52.77	21.50179G	-44.10	1
2440MHz	Pass	2.40184G	9.15	-20.85	1.76078G	-55.03	2.39368G	-52.18	2.4G	-56.07	2.50182G	-51.02	22.00515G	-44.48	1
2480MHz	Pass	2.40184G	9.15	-20.85	2.192G	-55.35	2.39392G	-52.40	2.4G	-56.74	2.5029G	-52.72	21.63959G	-45.14	1
BT-LE(125kbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40184G	6.04	-23.96	2.18378G	-55.03	2.4G	-47.66	2.4G	-48.42	2.50206G	-52.56	21.5974G	-44.16	1
2440MHz	Pass	2.40184G	6.04	-23.96	2.30245G	-54.28	2.39124G	-52.76	2.4G	-57.58	2.50174G	-53.09	21.70426G	-43.94	1
2480MHz	Pass	2.40184G	6.04	-23.96	2.30363G	-54.24	2.39964G	-52.61	2.4G	-56.61	2.50138G	-52.53	21.60303G	-44.11	1
BT-LE(500kbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40167G	8.93	-21.07	2.17438G	-54.98	2.39136G	-46.95	2.4G	-49.22	2.50234G	-52.95	21.59459G	-44.75	1
2440MHz	Pass	2.40167G	8.93	-21.07	2.19435G	-54.88	2.39448G	-52.30	2.4G	-57.34	2.50046G	-51.59	21.6424G	-43.70	1
2480MHz	Pass	2.40167G	8.93	-21.07	2.08625G	-54.25	2.39344G	-52.33	2.4G	-56.32	2.5027G	-51.78	21.49617G	-45.18	1

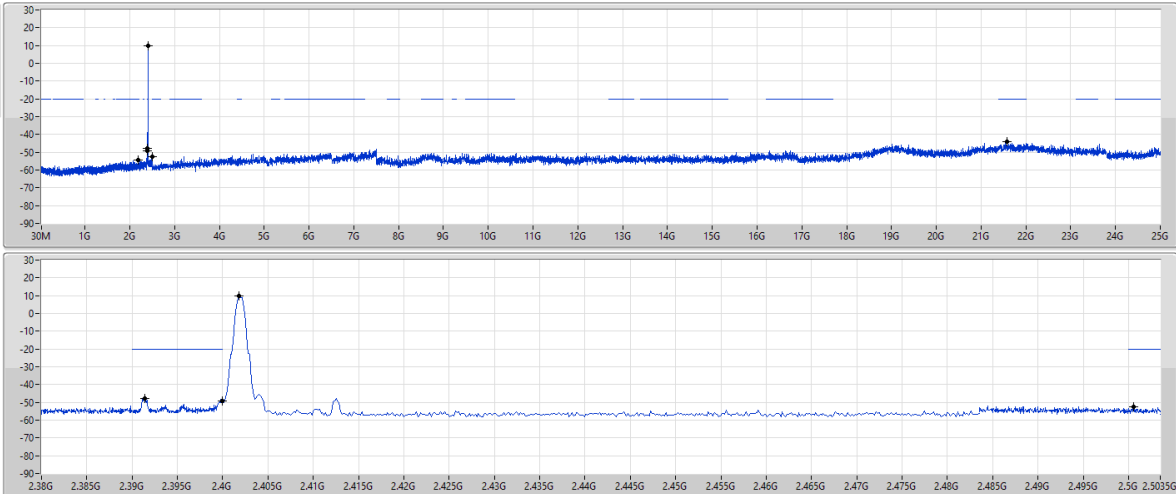
2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

2402MHz

10/02/2023

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40184G	9.85	-20.15	2.18143G	-54.34	2.39144G	-47.59	2.4G	-49.25	2.50058G	-52.29	2.157772G	-44.28	1

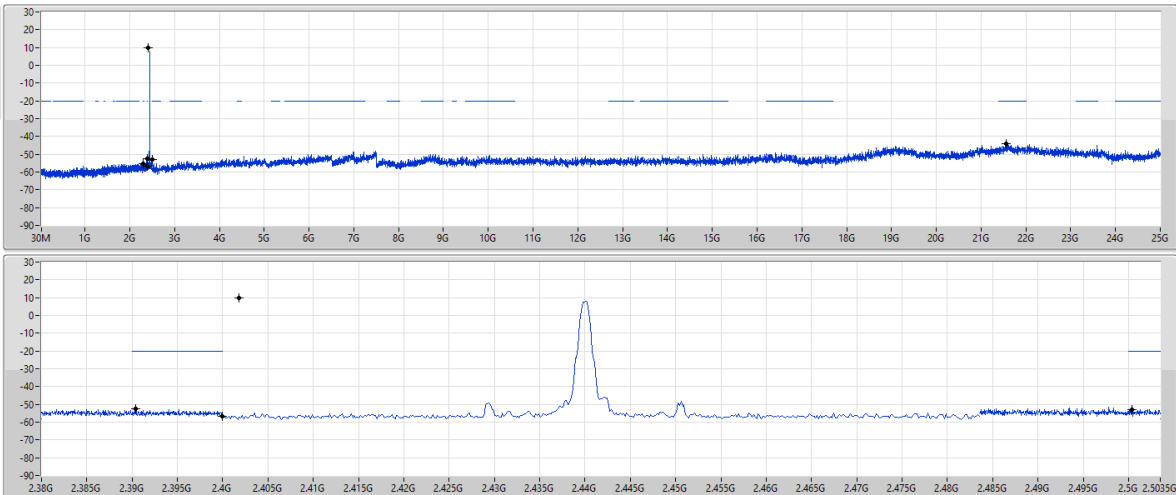
2.4-2.4835GHz_BT-LE(1Mbps)

CSEndB-DTS

2440MHz

10/02/2023

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40184G	9.85	-20.15	2.30598G	-55.54	2.39036G	-52.48	2.4G	-56.66	2.50038G	-52.89	2.155804G	-43.87	1

2.4-2.4835GHz_BT-LE(1Mbps)

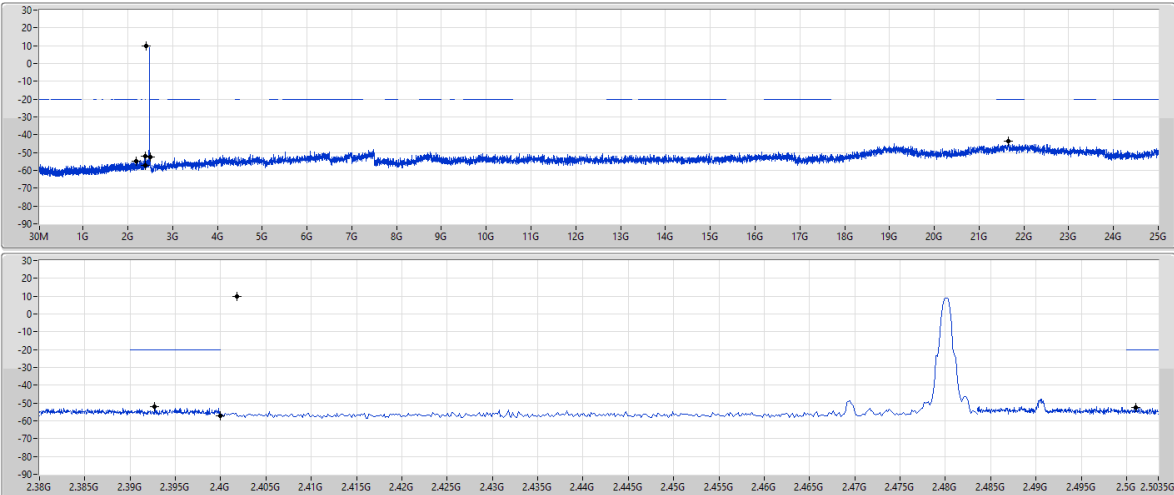
CSEndB-DTS

2480MHz

10/02/2023

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

Port 1



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40184G	9.85	-20.15	2.1779G	-54.78	2.39272G	-51.91	2.4G	-57.11	2.50106G	-52.41	21.64521G	-43.69	1

2.4-2.4835GHz_BT-LE(2Mbps)

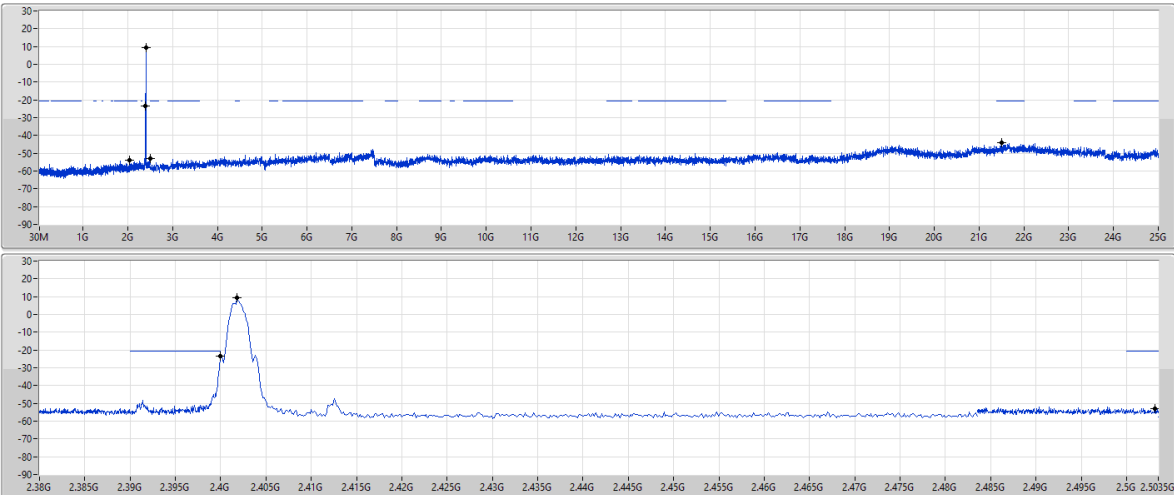
CSEndB-DTS

2402MHz

10/02/2023

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

Port 1

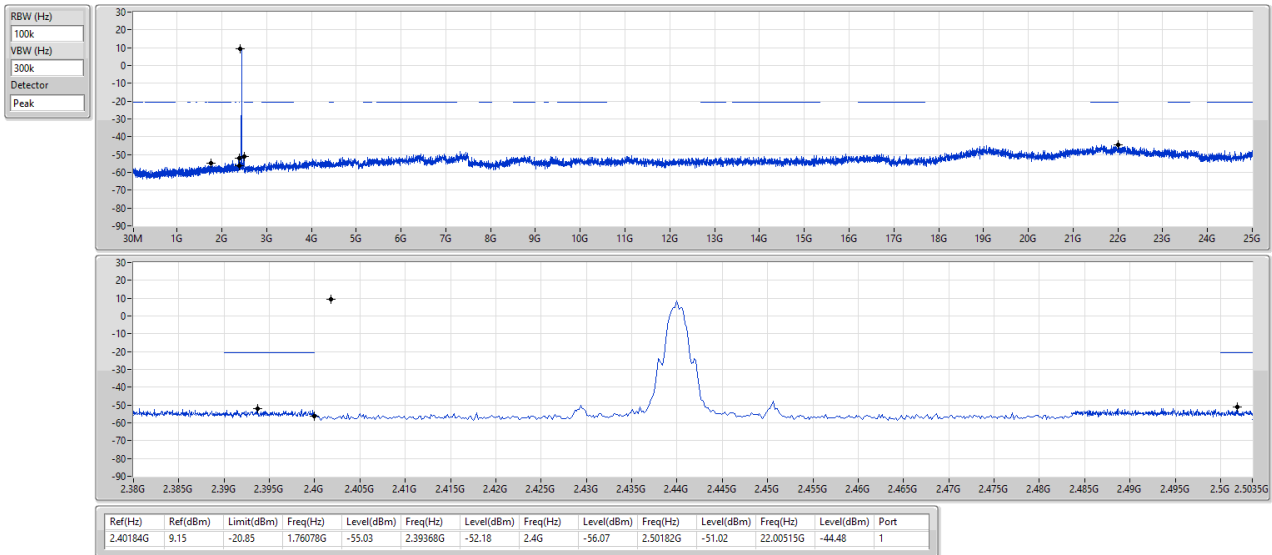


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40184G	9.15	-20.85	2.04513G	-53.84	2.4G	-23.21	2.4G	-23.50	2.50314G	-52.77	21.50179G	-44.10	1

2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

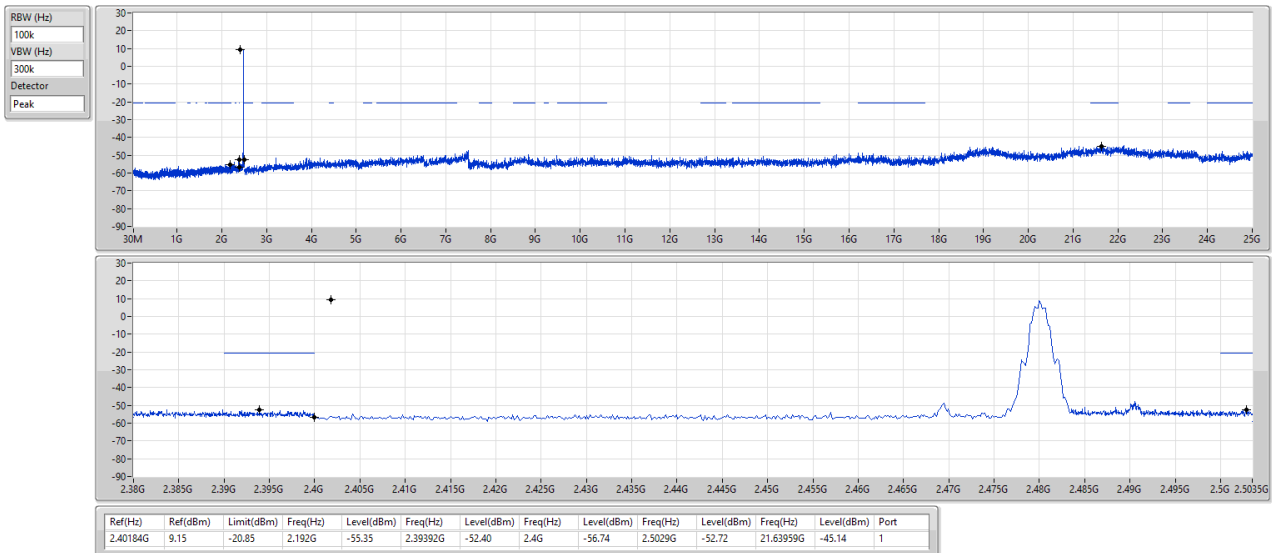
2440MHz



2.4-2.4835GHz_BT-LE(2Mbps)

CSEndB-DTS

2480MHz

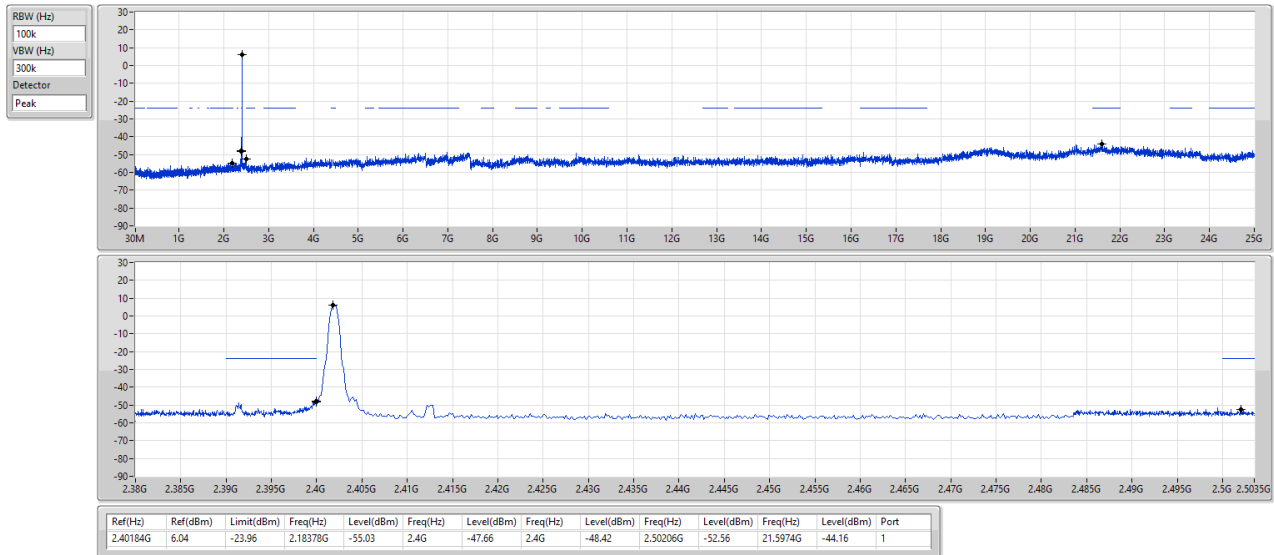


2.4-2.4835GHz_BT-LE(125kbps)

CSEndB-DTS

2402MHz

10/02/2023

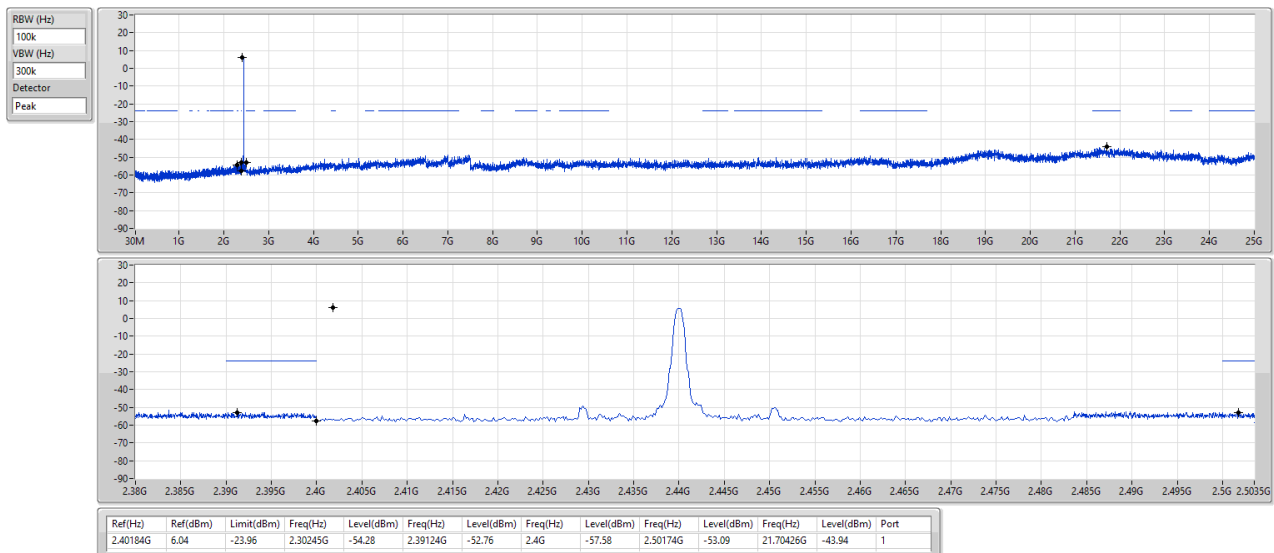


2.4-2.4835GHz_BT-LE(125kbps)

CSEndB-DTS

2440MHz

10/02/2023

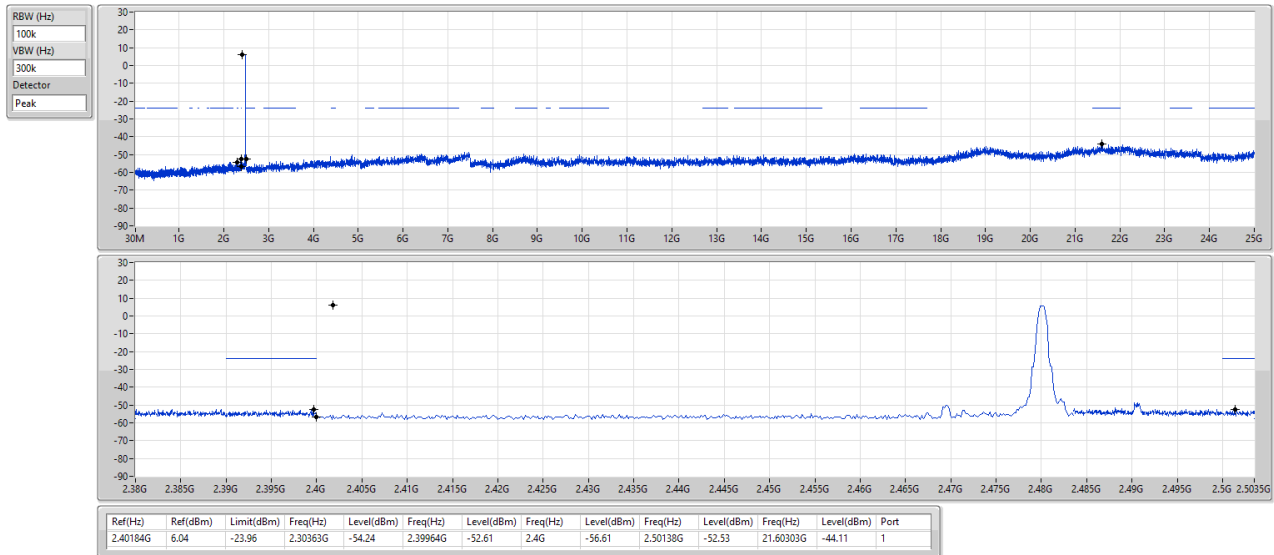


2.4-2.4835GHz_BT-LE(125kbps)

CSEndB-DTS

2480MHz

10/02/2023

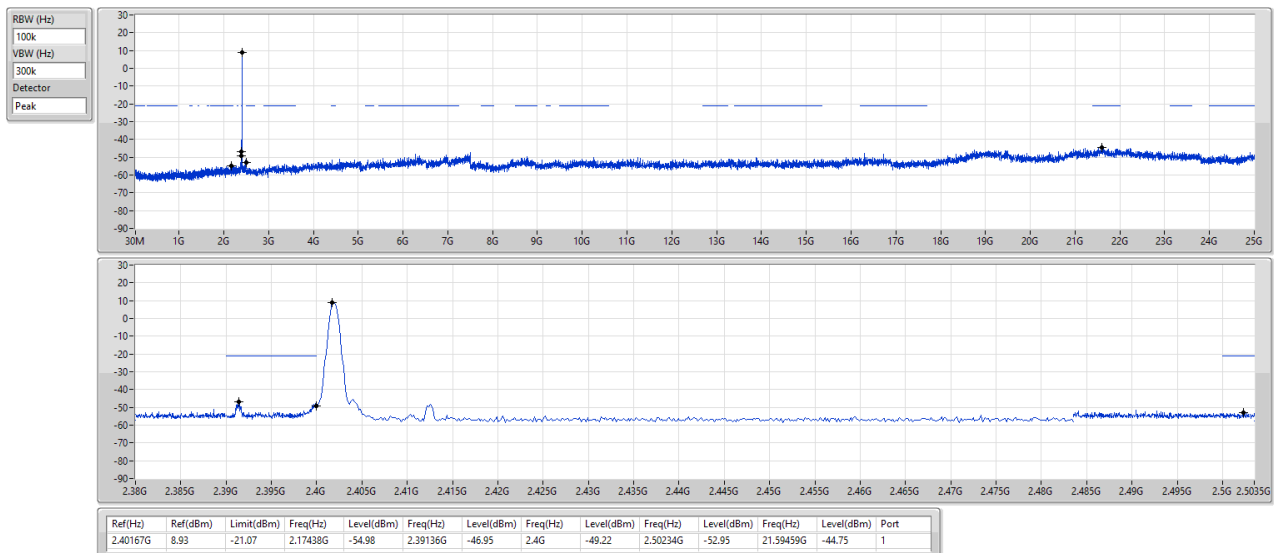


2.4-2.4835GHz_BT-LE(500kbps)

CSEndB-DTS

2402MHz

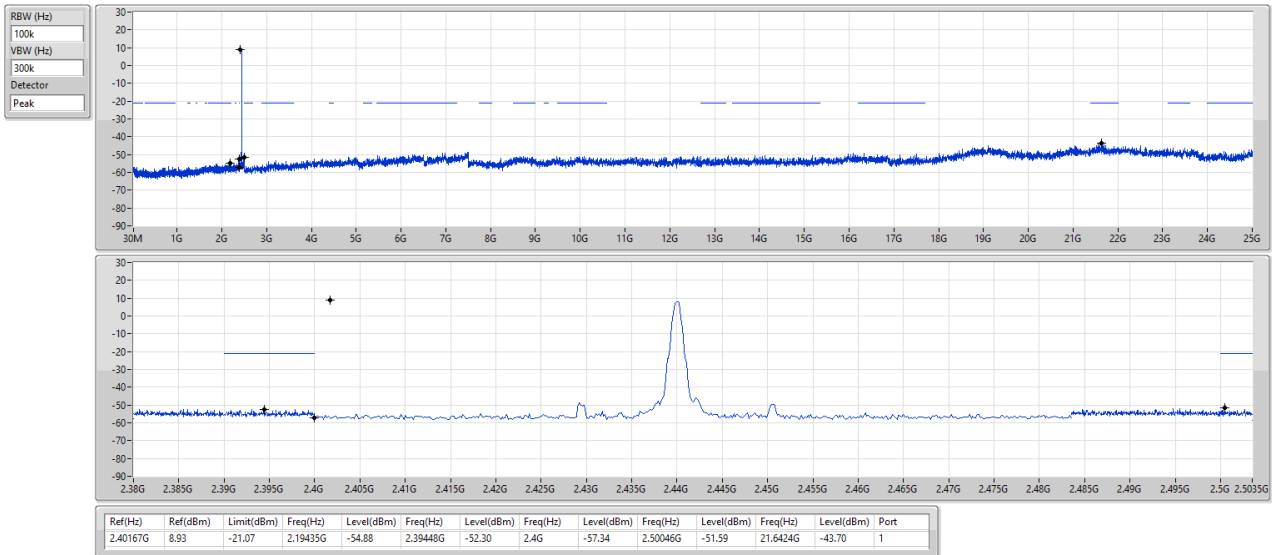
10/02/2023



2.4-2.4835GHz_BT-LE(500kbps)

CSEndB-DTS

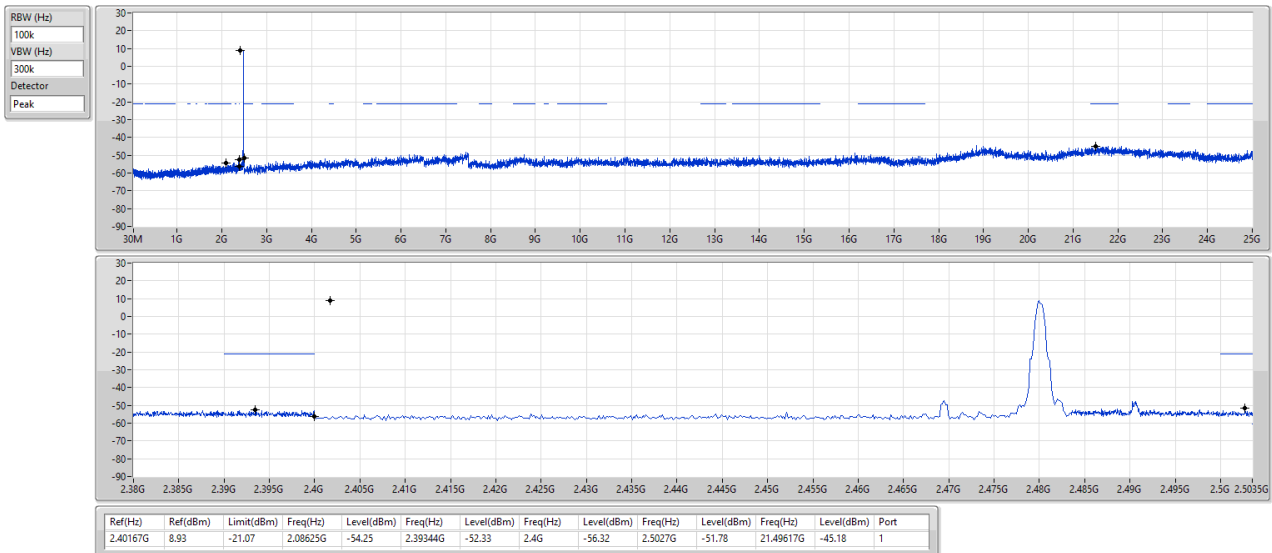
2440MHz



2.4-2.4835GHz_BT-LE(500kbps)

CSEndB-DTS

2480MHz





Summary

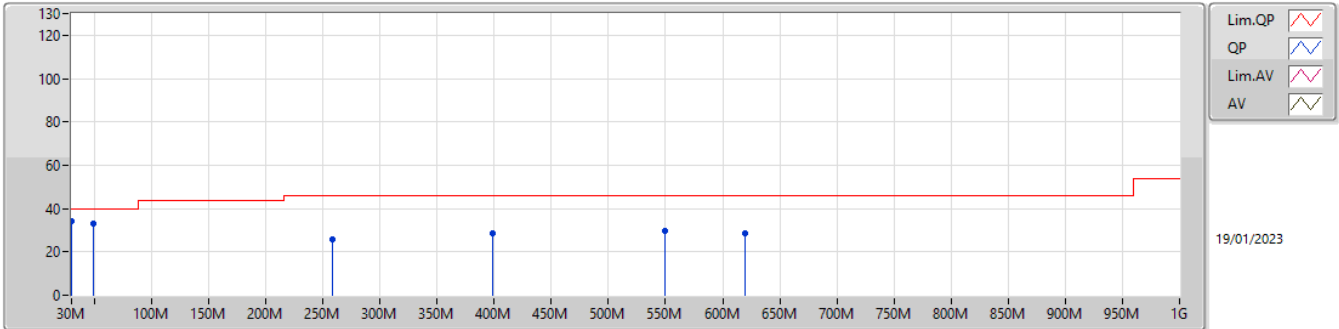
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	PK	30M	34.28	40.00	-5.72	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	30M	34.28	40.00	-5.72	3	Vertical	0	1.00	-
2440MHz	Pass	PK	49.4M	32.88	40.00	-7.12	3	Vertical	0	1.00	-
2440MHz	Pass	PK	258.92M	26.04	46.00	-19.96	3	Vertical	0	1.00	-
2440MHz	Pass	PK	398.6M	28.50	46.00	-17.50	3	Vertical	0	1.00	-
2440MHz	Pass	PK	549.92M	29.91	46.00	-16.09	3	Vertical	0	1.00	-
2440MHz	Pass	PK	619.76M	28.64	46.00	-17.36	3	Vertical	0	1.00	-
2440MHz	Pass	PK	47.46M	30.90	40.00	-9.10	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	109.54M	32.84	43.50	-10.66	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	274.44M	35.66	46.00	-10.34	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	373.38M	30.45	46.00	-15.55	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	412.18M	29.31	46.00	-16.69	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	524.7M	28.37	46.00	-17.63	3	Horizontal	360	1.00	-

2.4-2.4835GHz_BT-LE(2Mbps)

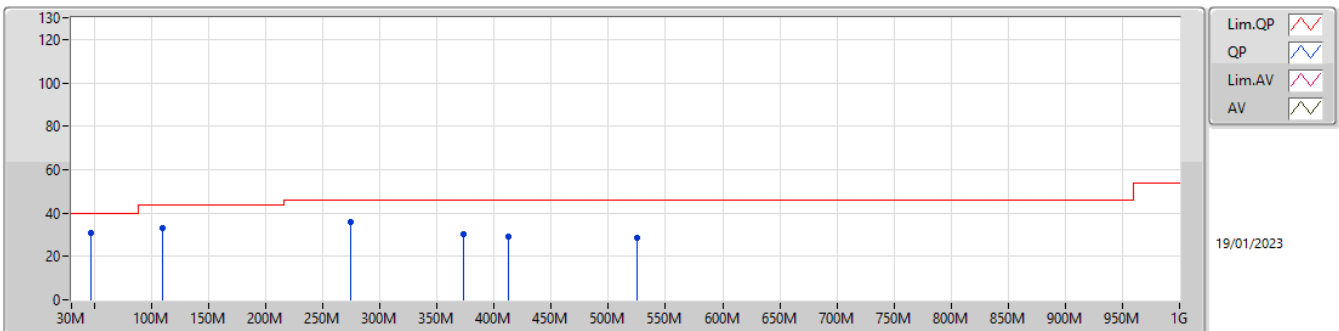
2440MHz_Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
PK	30M	34.28	40.00	-5.72	-2.61	3	Vertical	0	1.00	36.89	23.14	1.21	26.96				
PK	49.4M	32.88	40.00	-7.12	-12.21	3	Vertical	0	1.00	45.09	13.76	1.42	27.39				
PK	258.92M	26.04	46.00	-19.96	-5.42	3	Vertical	0	1.00	31.46	18.67	3.08	27.17				
PK	398.6M	28.50	46.00	-17.50	-3.15	3	Vertical	0	1.00	31.65	20.89	3.79	27.83				
PK	549.92M	29.91	46.00	-16.09	-0.25	3	Vertical	0	1.00	30.16	23.87	4.52	28.64				
PK	619.76M	28.64	46.00	-17.36	0.56	3	Vertical	0	1.00	28.08	24.15	4.90	28.49				

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
PK	47.46M	30.90	40.00	-9.10	-11.46	3	Horizontal	360	1.00	42.36	14.39	1.44	27.29				
PK	109.54M	32.84	43.50	-10.66	-8.80	3	Horizontal	360	1.00	41.64	16.98	2.02	27.80				
PK	274.44M	35.66	46.00	-10.34	-6.01	3	Horizontal	360	1.00	41.67	18.00	3.16	27.17				
PK	373.38M	30.45	46.00	-15.55	-5.82	3	Horizontal	360	1.00	36.27	20.02	1.82	27.66				
PK	412.18M	29.31	46.00	-16.69	-2.35	3	Horizontal	360	1.00	31.66	21.60	3.99	27.94				
PK	524.7M	28.37	46.00	-17.63	-1.27	3	Horizontal	360	1.00	29.64	22.76	4.46	28.49				

**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(125kbps)	Pass	AV	2.4835G	44.89	54.00	-9.11	3	Horizontal	63	2.82
BT-LE(500kbps)	Pass	AV	2.4908G	44.99	54.00	-9.01	3	Horizontal	288	1.13
BT-LE(1Mbps)	Pass	AV	2.4908G	45.65	54.00	-8.35	3	Horizontal	64	2.82
BT-LE(2Mbps)	Pass	AV	2.4835G	46.66	54.00	-7.34	3	Horizontal	65	2.82

Result

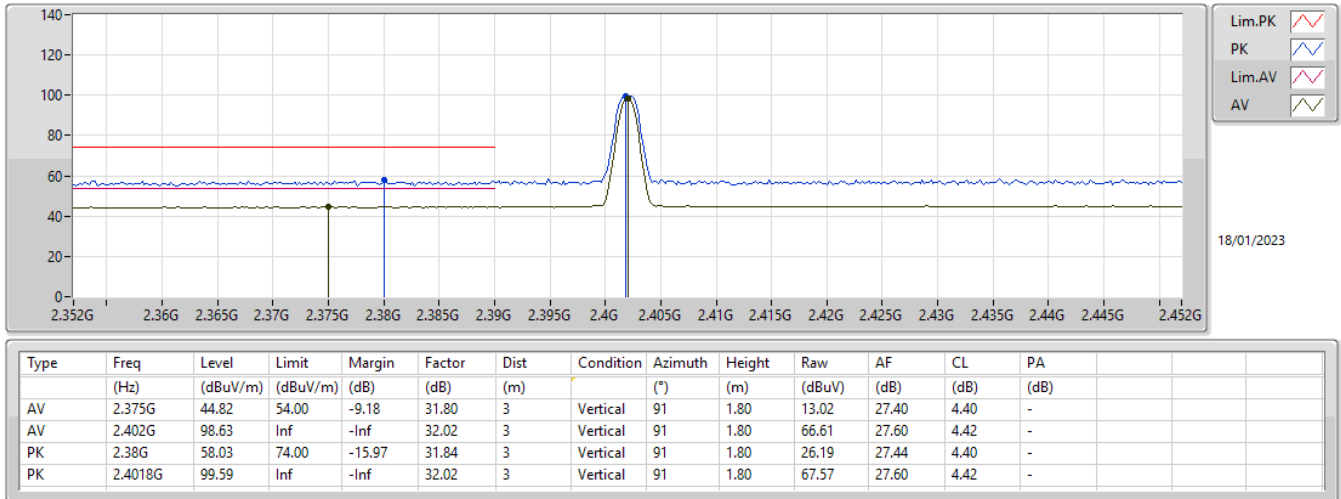
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.375G	44.82	54.00	-9.18	3	Vertical	91	1.80
2402MHz	Pass	AV	2.402G	98.63	Inf	-Inf	3	Vertical	91	1.80
2402MHz	Pass	PK	2.38G	58.03	74.00	-15.97	3	Vertical	91	1.80
2402MHz	Pass	PK	2.4018G	99.59	Inf	-Inf	3	Vertical	91	1.80
2402MHz	Pass	AV	2.3836G	44.70	54.00	-9.30	3	Horizontal	67	3.00
2402MHz	Pass	AV	2.402G	103.64	Inf	-Inf	3	Horizontal	67	3.00
2402MHz	Pass	PK	2.3726G	57.33	74.00	-16.67	3	Horizontal	67	3.00
2402MHz	Pass	PK	2.402G	104.66	Inf	-Inf	3	Horizontal	67	3.00
2402MHz	Pass	AV	4.80582G	28.31	54.00	-25.69	3	Vertical	18	3.00
2402MHz	Pass	PK	4.80666G	41.91	74.00	-32.09	3	Vertical	18	3.00
2402MHz	Pass	AV	4.8042G	30.59	54.00	-23.41	3	Horizontal	86	2.76
2402MHz	Pass	PK	4.80426G	42.63	74.00	-31.37	3	Horizontal	86	2.76
2440MHz	Pass	AV	2.3788G	44.61	54.00	-9.39	3	Vertical	94	1.82
2440MHz	Pass	AV	2.44G	96.98	Inf	-Inf	3	Vertical	94	1.82
2440MHz	Pass	AV	2.4992G	45.30	54.00	-8.70	3	Vertical	94	1.82
2440MHz	Pass	PK	2.3836G	57.30	74.00	-16.70	3	Vertical	94	1.82
2440MHz	Pass	PK	2.44G	98.06	Inf	-Inf	3	Vertical	94	1.82
2440MHz	Pass	PK	2.4868G	58.23	74.00	-15.77	3	Vertical	94	1.82
2440MHz	Pass	AV	2.388G	44.78	54.00	-9.22	3	Horizontal	63	2.93
2440MHz	Pass	AV	2.44G	104.17	Inf	-Inf	3	Horizontal	63	2.93
2440MHz	Pass	AV	2.5G	45.41	54.00	-8.59	3	Horizontal	63	2.93
2440MHz	Pass	PK	2.3596G	57.73	74.00	-16.27	3	Horizontal	63	2.93
2440MHz	Pass	PK	2.44G	105.12	Inf	-Inf	3	Horizontal	63	2.93
2440MHz	Pass	PK	2.492G	59.00	74.00	-15.00	3	Horizontal	63	2.93
2440MHz	Pass	AV	4.8838G	28.36	54.00	-25.64	3	Vertical	124	1.50
2440MHz	Pass	PK	4.87878G	42.95	74.00	-31.05	3	Vertical	124	1.50
2440MHz	Pass	AV	4.87988G	29.89	54.00	-24.11	3	Horizontal	88	2.99
2440MHz	Pass	PK	4.88018G	42.28	74.00	-31.72	3	Horizontal	88	2.99
2480MHz	Pass	AV	2.48G	97.19	Inf	-Inf	3	Vertical	97	2.45
2480MHz	Pass	AV	2.4974G	45.44	54.00	-8.56	3	Vertical	97	2.45
2480MHz	Pass	PK	2.48G	98.29	Inf	-Inf	3	Vertical	97	2.45
2480MHz	Pass	PK	2.4914G	58.31	74.00	-15.69	3	Vertical	97	2.45
2480MHz	Pass	AV	2.48G	105.32	Inf	-Inf	3	Horizontal	64	2.82
2480MHz	Pass	AV	2.4908G	45.65	54.00	-8.35	3	Horizontal	64	2.82
2480MHz	Pass	PK	2.48G	106.40	Inf	-Inf	3	Horizontal	64	2.82
2480MHz	Pass	PK	2.486G	59.22	74.00	-14.78	3	Horizontal	64	2.82
2480MHz	Pass	AV	4.96404G	28.99	54.00	-25.01	3	Vertical	73	1.50
2480MHz	Pass	PK	4.9575G	42.31	74.00	-31.69	3	Vertical	73	1.50
2480MHz	Pass	AV	4.96462G	28.99	54.00	-25.01	3	Horizontal	296	1.50
2480MHz	Pass	PK	4.9631G	42.26	74.00	-31.74	3	Horizontal	296	1.50
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3884G	44.71	54.00	-9.29	3	Vertical	91	1.80
2402MHz	Pass	AV	2.402G	96.87	Inf	-Inf	3	Vertical	91	1.80
2402MHz	Pass	PK	2.3604G	57.99	74.00	-16.01	3	Vertical	91	1.80
2402MHz	Pass	PK	2.4014G	99.79	Inf	-Inf	3	Vertical	91	1.80
2402MHz	Pass	AV	2.352G	44.75	54.00	-9.25	3	Horizontal	66	3.00
2402MHz	Pass	AV	2.402G	102.65	Inf	-Inf	3	Horizontal	66	3.00
2402MHz	Pass	PK	2.3602G	58.03	74.00	-15.97	3	Horizontal	66	3.00
2402MHz	Pass	PK	2.402G	105.67	Inf	-Inf	3	Horizontal	66	3.00
2402MHz	Pass	AV	4.79996G	27.94	54.00	-26.06	3	Vertical	340	1.08
2402MHz	Pass	PK	4.80184G	41.34	74.00	-32.66	3	Vertical	340	1.08
2402MHz	Pass	AV	4.80498G	29.28	54.00	-24.72	3	Horizontal	87	1.08
2402MHz	Pass	PK	4.80382G	42.31	74.00	-31.69	3	Horizontal	87	1.08
2440MHz	Pass	AV	2.3852G	44.85	54.00	-9.15	3	Vertical	93	1.98
2440MHz	Pass	AV	2.44G	95.42	Inf	-Inf	3	Vertical	93	1.98
2440MHz	Pass	AV	2.4852G	45.32	54.00	-8.68	3	Vertical	93	1.98
2440MHz	Pass	PK	2.372G	57.39	74.00	-16.61	3	Vertical	93	1.98
2440MHz	Pass	PK	2.44G	98.48	Inf	-Inf	3	Vertical	93	1.98
2440MHz	Pass	PK	2.4956G	58.19	74.00	-15.81	3	Vertical	93	1.98
2440MHz	Pass	AV	2.3856G	44.64	54.00	-9.36	3	Horizontal	60	2.93

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2440MHz	Pass	AV	2.44G	102.35	Inf	-Inf	3	Horizontal	60	2.93
2440MHz	Pass	AV	2.4848G	45.36	54.00	-8.64	3	Horizontal	60	2.93
2440MHz	Pass	PK	2.36G	57.82	74.00	-16.18	3	Horizontal	60	2.93
2440MHz	Pass	PK	2.4404G	105.32	Inf	-Inf	3	Horizontal	60	2.93
2440MHz	Pass	PK	2.4952G	58.43	74.00	-15.57	3	Horizontal	60	2.93
2440MHz	Pass	AV	4.8847G	28.51	54.00	-25.49	3	Vertical	356	1.50
2440MHz	Pass	PK	4.88214G	42.11	74.00	-31.89	3	Vertical	356	1.50
2440MHz	Pass	AV	4.8811G	29.55	54.00	-24.45	3	Horizontal	86	3.00
2440MHz	Pass	PK	4.87974G	42.35	74.00	-31.65	3	Horizontal	86	3.00
2480MHz	Pass	AV	2.48G	95.75	Inf	-Inf	3	Vertical	97	2.45
2480MHz	Pass	AV	2.4932G	45.33	54.00	-8.67	3	Vertical	97	2.45
2480MHz	Pass	PK	2.48G	98.86	Inf	-Inf	3	Vertical	97	2.45
2480MHz	Pass	PK	2.4876G	58.27	74.00	-15.73	3	Vertical	97	2.45
2480MHz	Pass	AV	2.48G	103.51	Inf	-Inf	3	Horizontal	65	2.82
2480MHz	Pass	AV	2.4835G	46.66	54.00	-7.34	3	Horizontal	65	2.82
2480MHz	Pass	PK	2.48G	106.63	Inf	-Inf	3	Horizontal	65	2.82
2480MHz	Pass	PK	2.4848G	58.55	74.00	-15.45	3	Horizontal	65	2.82
2480MHz	Pass	AV	4.96428G	28.96	54.00	-25.04	3	Vertical	4	1.50
2480MHz	Pass	PK	4.95954G	42.37	74.00	-31.63	3	Vertical	4	1.50
2480MHz	Pass	AV	4.96426G	28.92	54.00	-25.08	3	Horizontal	310	1.43
2480MHz	Pass	PK	4.9555G	42.29	74.00	-31.71	3	Horizontal	310	1.43
BT-LE(125kbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.39G	44.03	54.00	-9.97	3	Vertical	90	1.79
2402MHz	Pass	AV	2.402G	98.55	Inf	-Inf	3	Vertical	90	1.79
2402MHz	Pass	PK	2.3618G	58.27	74.00	-15.73	3	Vertical	90	1.79
2402MHz	Pass	PK	2.4018G	99.73	Inf	-Inf	3	Vertical	90	1.79
2402MHz	Pass	AV	2.39G	44.08	54.00	-9.92	3	Horizontal	66	3.00
2402MHz	Pass	AV	2.402G	104.43	Inf	-Inf	3	Horizontal	66	3.00
2402MHz	Pass	PK	2.388G	58.48	74.00	-15.52	3	Horizontal	66	3.00
2402MHz	Pass	PK	2.4018G	105.59	Inf	-Inf	3	Horizontal	66	3.00
2402MHz	Pass	AV	4.79968G	27.12	54.00	-26.88	3	Vertical	13	1.12
2402MHz	Pass	PK	4.79974G	43.39	74.00	-30.61	3	Vertical	13	1.12
2402MHz	Pass	AV	4.8037G	29.20	54.00	-24.80	3	Horizontal	85	2.77
2402MHz	Pass	PK	4.8036G	42.58	74.00	-31.42	3	Horizontal	85	2.77
2440MHz	Pass	AV	2.384G	44.00	54.00	-10.00	3	Vertical	94	1.98
2440MHz	Pass	AV	2.44G	97.13	Inf	-Inf	3	Vertical	94	1.98
2440MHz	Pass	AV	2.496G	44.66	54.00	-9.34	3	Vertical	94	1.98
2440MHz	Pass	PK	2.376G	57.77	74.00	-16.23	3	Vertical	94	1.98
2440MHz	Pass	PK	2.4404G	98.31	Inf	-Inf	3	Vertical	94	1.98
2440MHz	Pass	PK	2.4848G	57.95	74.00	-16.05	3	Vertical	94	1.98
2440MHz	Pass	AV	2.3844G	44.01	54.00	-9.99	3	Horizontal	62	2.92
2440MHz	Pass	AV	2.44G	104.34	Inf	-Inf	3	Horizontal	62	2.92
2440MHz	Pass	AV	2.4884G	44.64	54.00	-9.36	3	Horizontal	62	2.92
2440MHz	Pass	PK	2.3716G	57.78	74.00	-16.22	3	Horizontal	62	2.92
2440MHz	Pass	PK	2.4396G	105.48	Inf	-Inf	3	Horizontal	62	2.92
2440MHz	Pass	PK	2.4848G	57.91	74.00	-16.09	3	Horizontal	62	2.92
2440MHz	Pass	AV	4.88456G	27.66	54.00	-26.34	3	Vertical	8	2.07
2440MHz	Pass	PK	4.88374G	43.09	74.00	-30.91	3	Vertical	8	2.07
2440MHz	Pass	AV	4.87966G	28.10	54.00	-25.90	3	Horizontal	92	1.04
2440MHz	Pass	PK	4.8806G	42.23	74.00	-31.77	3	Horizontal	92	1.04
2480MHz	Pass	AV	2.48G	97.71	Inf	-Inf	3	Vertical	97	2.46
2480MHz	Pass	AV	2.4964G	44.63	54.00	-9.37	3	Vertical	97	2.46
2480MHz	Pass	PK	2.48G	99.01	Inf	-Inf	3	Vertical	97	2.46
2480MHz	Pass	PK	2.4874G	58.24	74.00	-15.76	3	Vertical	97	2.46
2480MHz	Pass	AV	2.48G	105.39	Inf	-Inf	3	Horizontal	63	2.82
2480MHz	Pass	AV	2.4835G	44.89	54.00	-9.11	3	Horizontal	63	2.82
2480MHz	Pass	PK	2.48G	106.63	Inf	-Inf	3	Horizontal	63	2.82
2480MHz	Pass	PK	2.5G	58.06	74.00	-15.94	3	Horizontal	63	2.82
2480MHz	Pass	AV	4.964G	28.24	54.00	-25.76	3	Vertical	31	1.50
2480MHz	Pass	PK	4.96466G	42.83	74.00	-31.17	3	Vertical	31	1.50
2480MHz	Pass	AV	4.96404G	28.33	54.00	-25.67	3	Horizontal	333	3.00
2480MHz	Pass	PK	4.96476G	42.75	74.00	-31.25	3	Horizontal	333	3.00

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-LE(500kbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3886G	44.18	54.00	-9.82	3	Vertical	304	3.00
2402MHz	Pass	AV	2.402G	96.71	Inf	-Inf	3	Vertical	304	3.00
2402MHz	Pass	PK	2.3704G	58.00	74.00	-16.00	3	Vertical	304	3.00
2402MHz	Pass	PK	2.402G	98.12	Inf	-Inf	3	Vertical	304	3.00
2402MHz	Pass	AV	2.383G	44.41	54.00	-9.59	3	Horizontal	90	3.00
2402MHz	Pass	AV	2.402G	104.97	Inf	-Inf	3	Horizontal	90	3.00
2402MHz	Pass	PK	2.3704G	58.06	74.00	-15.94	3	Horizontal	90	3.00
2402MHz	Pass	PK	2.402G	106.31	Inf	-Inf	3	Horizontal	90	3.00
2402MHz	Pass	AV	4.80458G	27.74	54.00	-26.26	3	Vertical	283	2.65
2402MHz	Pass	PK	4.80368G	41.19	74.00	-32.81	3	Vertical	283	2.65
2402MHz	Pass	AV	4.8043G	28.16	54.00	-25.84	3	Horizontal	283	1.38
2402MHz	Pass	PK	4.80374G	41.20	74.00	-32.80	3	Horizontal	283	1.38
2440MHz	Pass	AV	2.3816G	44.18	54.00	-9.82	3	Vertical	292	2.89
2440MHz	Pass	AV	2.44G	95.12	Inf	-Inf	3	Vertical	292	2.89
2440MHz	Pass	AV	2.4952G	44.79	54.00	-9.21	3	Vertical	292	2.89
2440MHz	Pass	PK	2.3668G	58.15	74.00	-15.85	3	Vertical	292	2.89
2440MHz	Pass	PK	2.4396G	96.11	Inf	-Inf	3	Vertical	292	2.89
2440MHz	Pass	PK	2.5G	58.26	74.00	-15.74	3	Vertical	292	2.89
2440MHz	Pass	AV	2.3804G	44.21	54.00	-9.79	3	Horizontal	283	2.95
2440MHz	Pass	AV	2.44G	102.66	Inf	-Inf	3	Horizontal	283	2.95
2440MHz	Pass	AV	2.4992G	44.79	54.00	-9.21	3	Horizontal	283	2.95
2440MHz	Pass	PK	2.372G	58.08	74.00	-15.92	3	Horizontal	283	2.95
2440MHz	Pass	PK	2.44G	103.76	Inf	-Inf	3	Horizontal	283	2.95
2440MHz	Pass	PK	2.4856G	58.59	74.00	-15.41	3	Horizontal	283	2.95
2440MHz	Pass	AV	4.88436G	28.18	54.00	-25.82	3	Vertical	152	1.50
2440MHz	Pass	PK	4.87598G	42.27	74.00	-31.73	3	Vertical	152	1.50
2440MHz	Pass	AV	4.8798G	28.26	54.00	-25.74	3	Horizontal	290	1.16
2440MHz	Pass	PK	4.88216G	41.41	74.00	-32.59	3	Horizontal	290	1.16
2480MHz	Pass	AV	2.4802G	96.92	Inf	-Inf	3	Vertical	303	3.00
2480MHz	Pass	AV	2.4994G	44.88	54.00	-9.12	3	Vertical	303	3.00
2480MHz	Pass	PK	2.48G	98.53	Inf	-Inf	3	Vertical	303	3.00
2480MHz	Pass	PK	2.4926G	58.56	74.00	-15.44	3	Vertical	303	3.00
2480MHz	Pass	AV	2.48G	103.75	Inf	-Inf	3	Horizontal	288	1.13
2480MHz	Pass	AV	2.4908G	44.99	54.00	-9.01	3	Horizontal	288	1.13
2480MHz	Pass	PK	2.48G	104.80	Inf	-Inf	3	Horizontal	288	1.13
2480MHz	Pass	PK	2.4902G	58.69	74.00	-15.31	3	Horizontal	288	1.13
2480MHz	Pass	AV	4.96446G	28.85	54.00	-25.15	3	Vertical	360	3.00
2480MHz	Pass	PK	4.96484G	42.57	74.00	-31.43	3	Vertical	360	3.00
2480MHz	Pass	AV	4.96048G	28.63	54.00	-25.37	3	Horizontal	97	1.50
2480MHz	Pass	PK	4.96G	42.68	74.00	-31.32	3	Horizontal	97	1.50

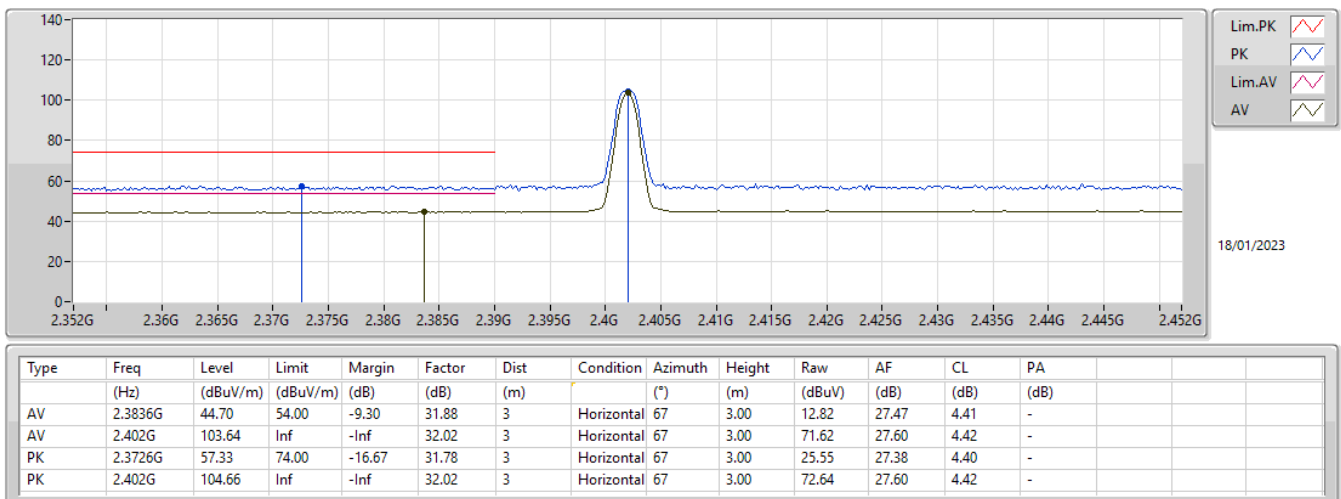
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2402MHz_TX



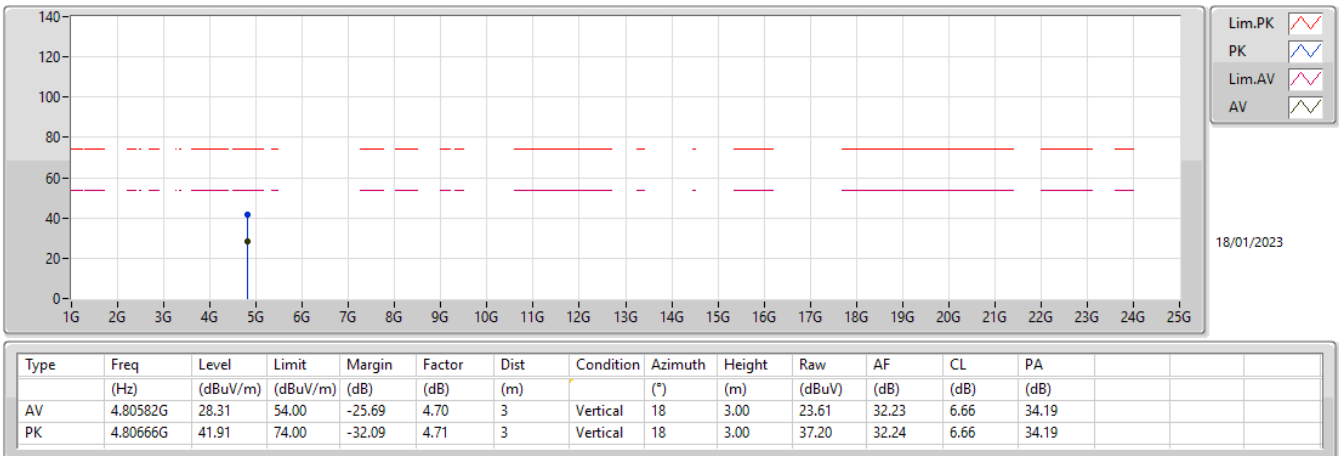
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2402MHz_TX



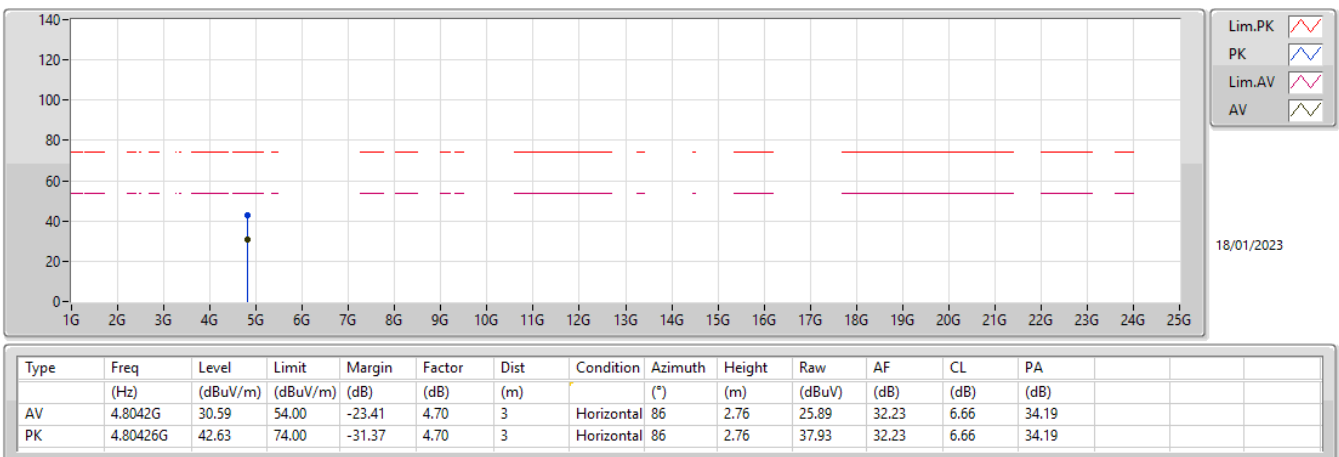
2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX



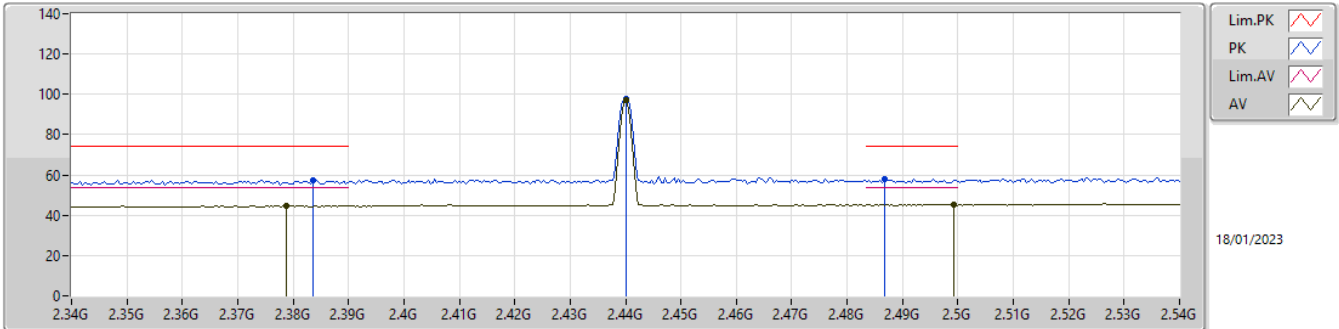
2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX



2.4-2.4835GHz_BT-LE(1Mbps)

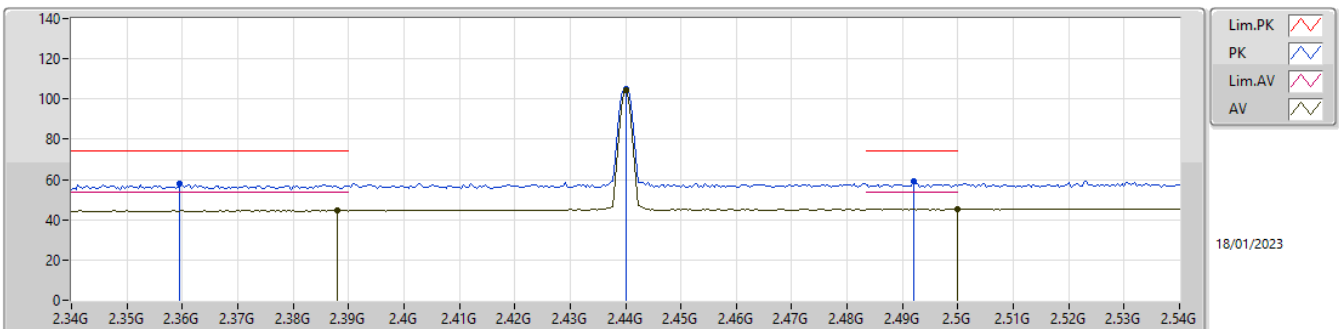
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.3788G	44.61	54.00	-9.39	31.83	3	Vertical	94	1.82	12.78	27.43	4.40	-
AV	2.44G	96.98	Inf	-Inf	32.14	3	Vertical	94	1.82	64.84	27.68	4.46	-
AV	2.4992G	45.30	54.00	-8.70	32.42	3	Vertical	94	1.82	12.88	27.90	4.52	-
PK	2.3836G	57.30	74.00	-16.70	31.88	3	Vertical	94	1.82	25.42	27.47	4.41	-
PK	2.44G	98.06	Inf	-Inf	32.14	3	Vertical	94	1.82	65.92	27.68	4.46	-
PK	2.4868G	58.23	74.00	-15.77	32.36	3	Vertical	94	1.82	25.87	27.85	4.51	-

2.4-2.4835GHz_BT-LE(1Mbps)

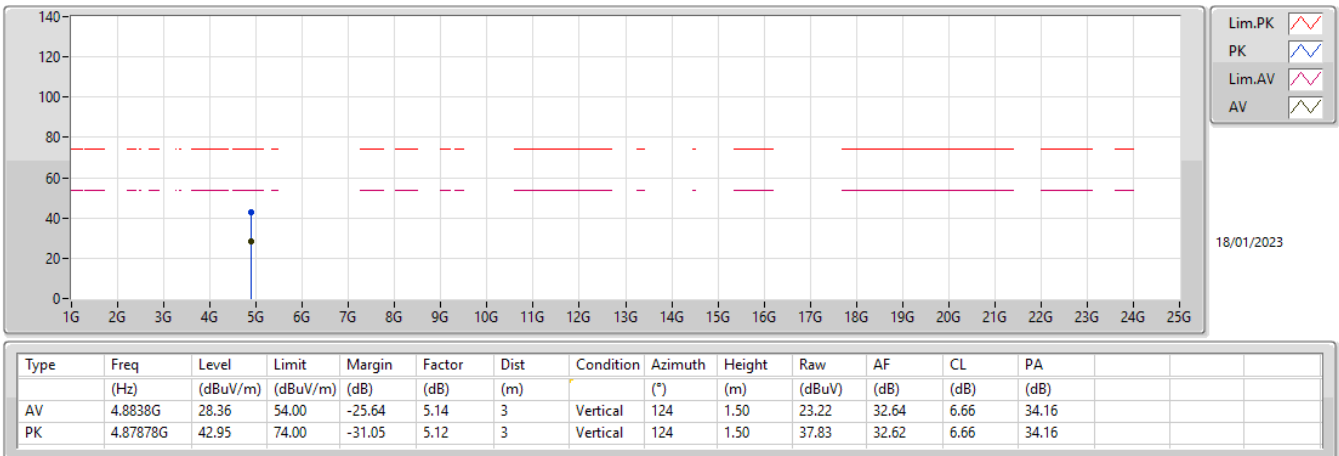
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.388G	44.78	54.00	-9.22	31.91	3	Horizontal	63	2.93	12.87	27.50	4.41	-
AV	2.44G	104.17	Inf	-Inf	32.14	3	Horizontal	63	2.93	72.03	27.68	4.46	-
AV	2.5G	45.41	54.00	-8.59	32.43	3	Horizontal	63	2.93	12.98	27.90	4.53	-
PK	2.3596G	57.73	74.00	-16.27	31.66	3	Horizontal	63	2.93	26.07	27.28	4.38	-
PK	2.44G	105.12	Inf	-Inf	32.14	3	Horizontal	63	2.93	72.98	27.68	4.46	-
PK	2.492G	59.00	74.00	-15.00	32.39	3	Horizontal	63	2.93	26.61	27.87	4.52	-

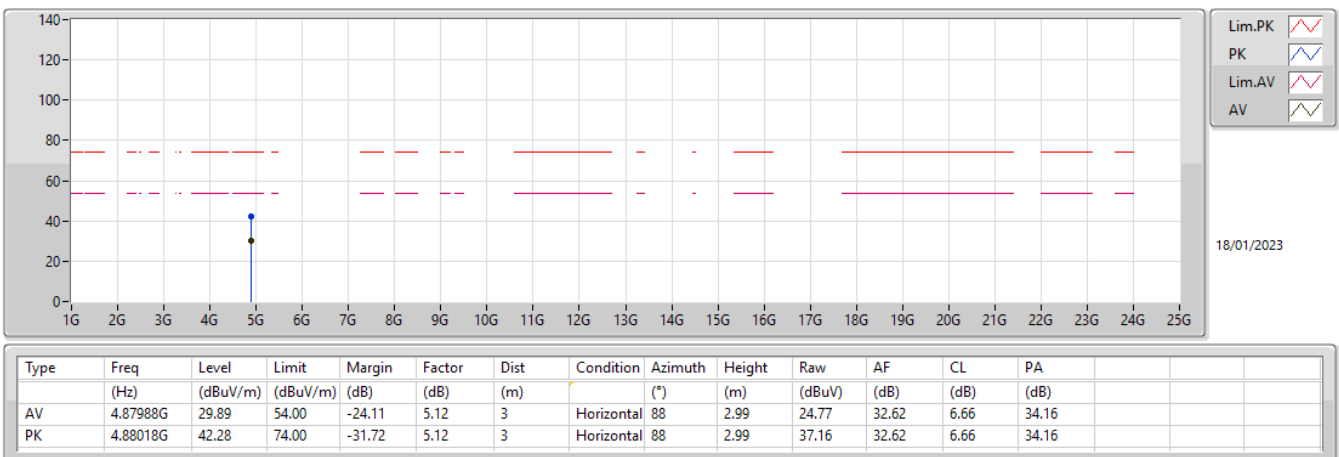
2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX



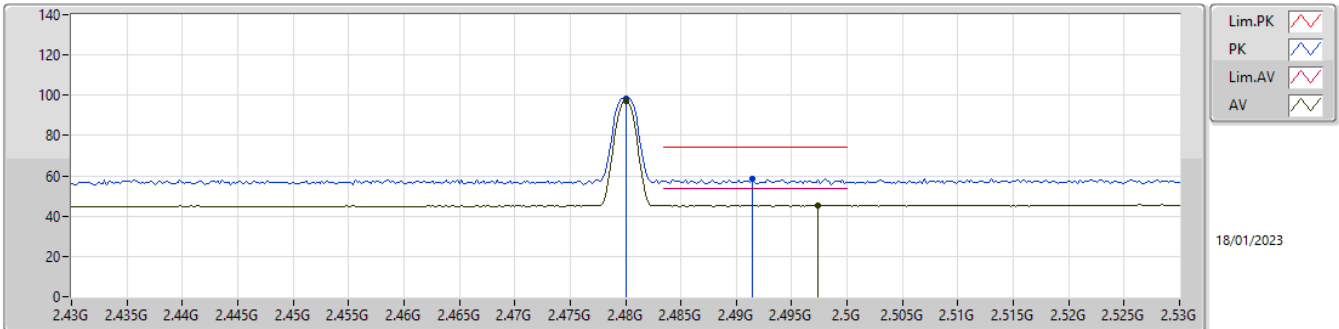
2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX



2.4-2.4835GHz_BT-LE(1Mbps)

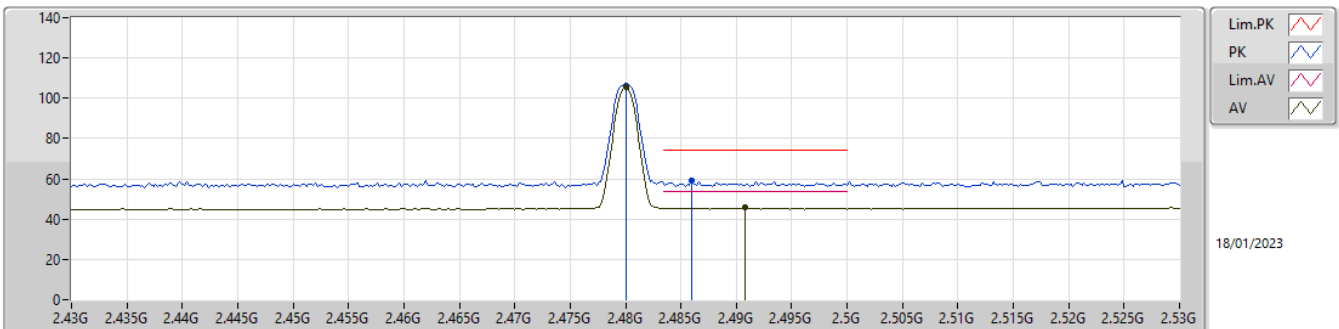
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.48G	97.19	Inf	-Inf	32.32	3	Vertical	97	2.45	64.87	27.82	4.50	-
AV	2.4974G	45.44	54.00	-8.56	32.41	3	Vertical	97	2.45	13.03	27.89	4.52	-
PK	2.48G	98.29	Inf	-Inf	32.32	3	Vertical	97	2.45	65.97	27.82	4.50	-
PK	2.4914G	58.31	74.00	-15.69	32.39	3	Vertical	97	2.45	25.92	27.87	4.52	-

2.4-2.4835GHz_BT-LE(1Mbps)

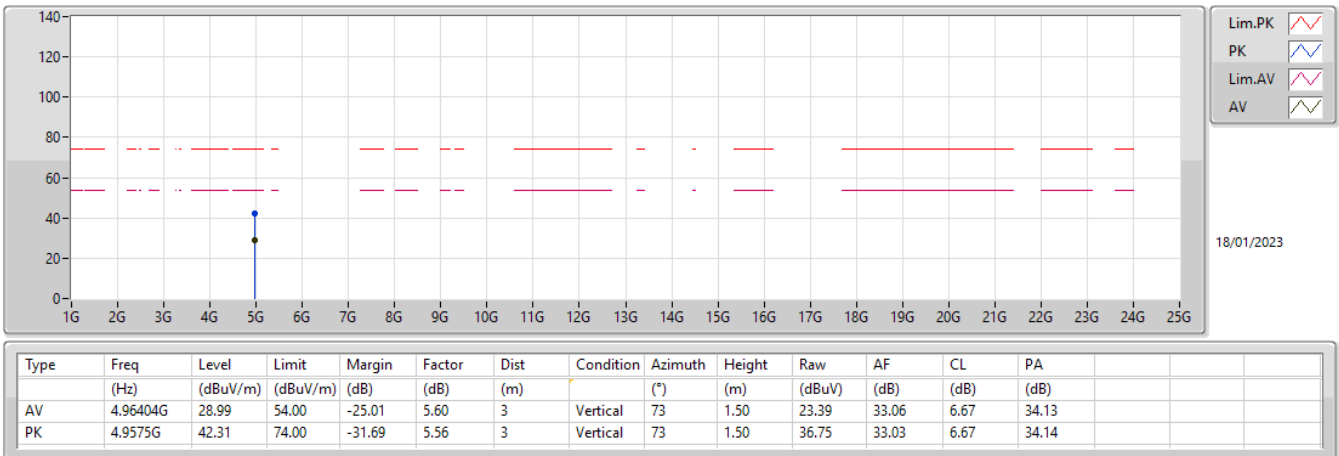
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.48G	105.32	Inf	-Inf	32.32	3	Horizontal	64	2.82	73.00	27.82	4.50	-
AV	2.4908G	45.65	54.00	-8.35	32.38	3	Horizontal	64	2.82	13.27	27.86	4.52	-
PK	2.48G	106.40	Inf	-Inf	32.32	3	Horizontal	64	2.82	74.08	27.82	4.50	-
PK	2.486G	59.22	74.00	-14.78	32.35	3	Horizontal	64	2.82	26.87	27.84	4.51	-

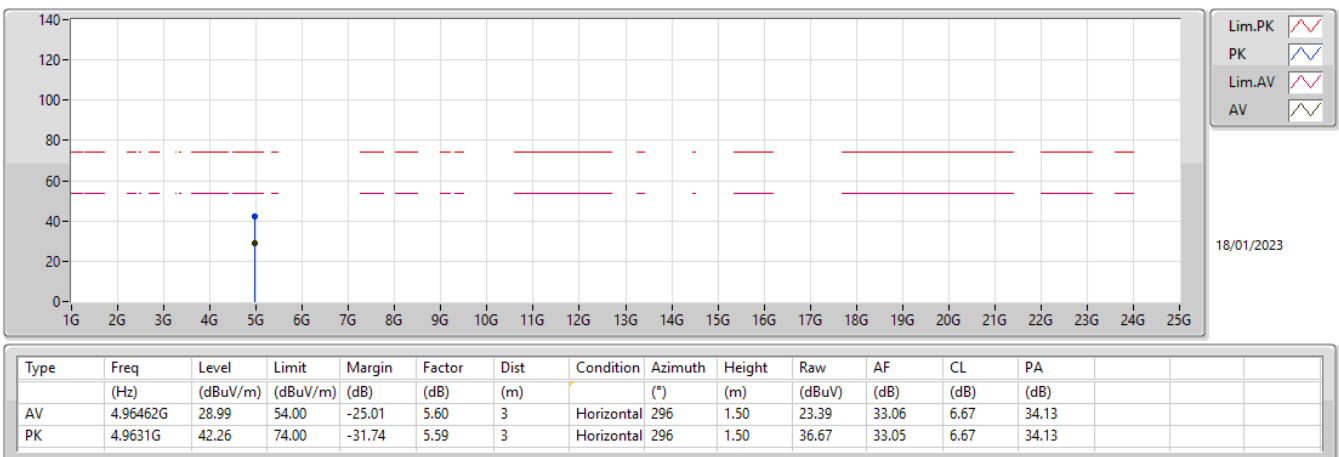
2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX



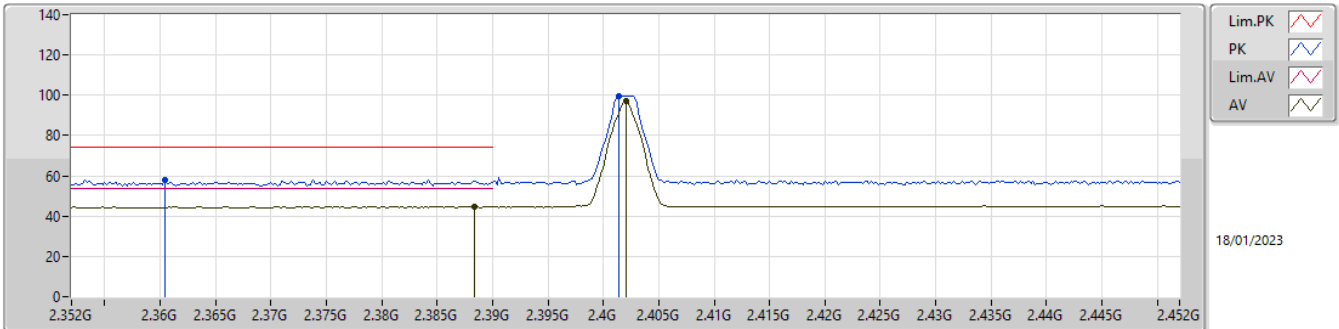
2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-LE(2Mbps)

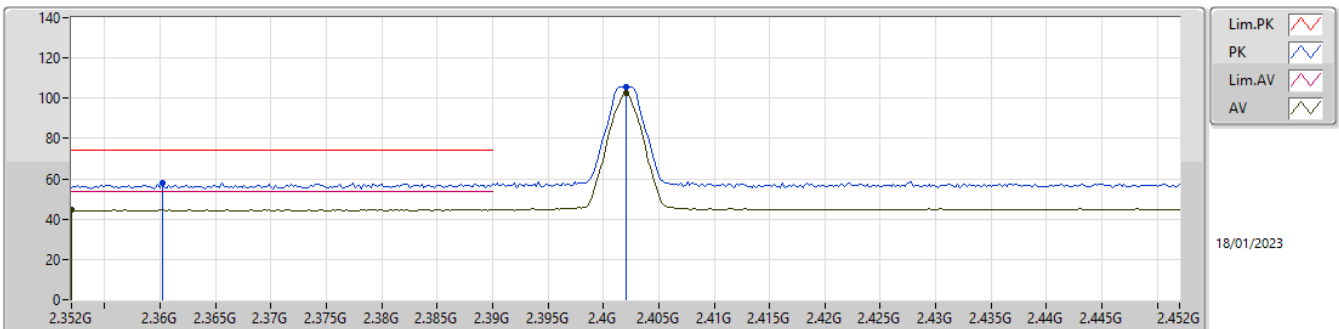
2402MHz_TX



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	2.3884G	44.71	54.00	-9.29	31.92	3	Vertical	91	1.80	12.79	27.51	4.41	-
AV	2.402G	96.87	Inf	-Inf	32.02	3	Vertical	91	1.80	64.85	27.60	4.42	-
PK	2.3604G	57.99	74.00	-16.01	31.66	3	Vertical	91	1.80	26.33	27.28	4.38	-
PK	2.4014G	99.79	Inf	-Inf	32.02	3	Vertical	91	1.80	67.77	27.60	4.42	-

2.4-2.4835GHz_BT-LE(2Mbps)

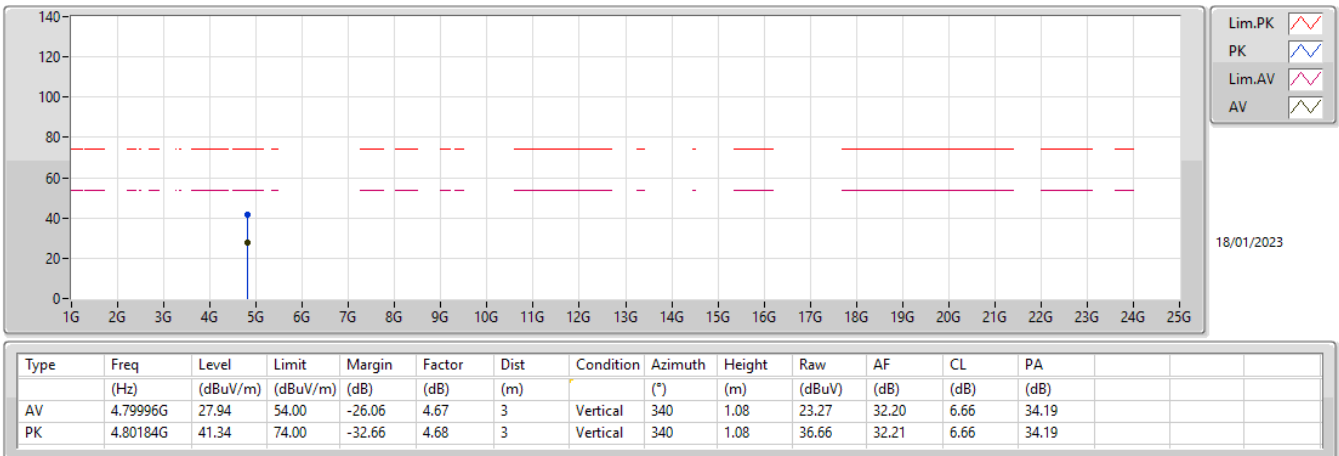
2402MHz_TX



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	2.352G	44.75	54.00	-9.25	31.60	3	Horizontal	66	3.00	13.15	27.22	4.38	-
AV	2.402G	102.65	Inf	-Inf	32.02	3	Horizontal	66	3.00	70.63	27.60	4.42	-
PK	2.3602G	58.03	74.00	-15.97	31.66	3	Horizontal	66	3.00	26.37	27.28	4.38	-
PK	2.402G	105.67	Inf	-Inf	32.02	3	Horizontal	66	3.00	73.65	27.60	4.42	-

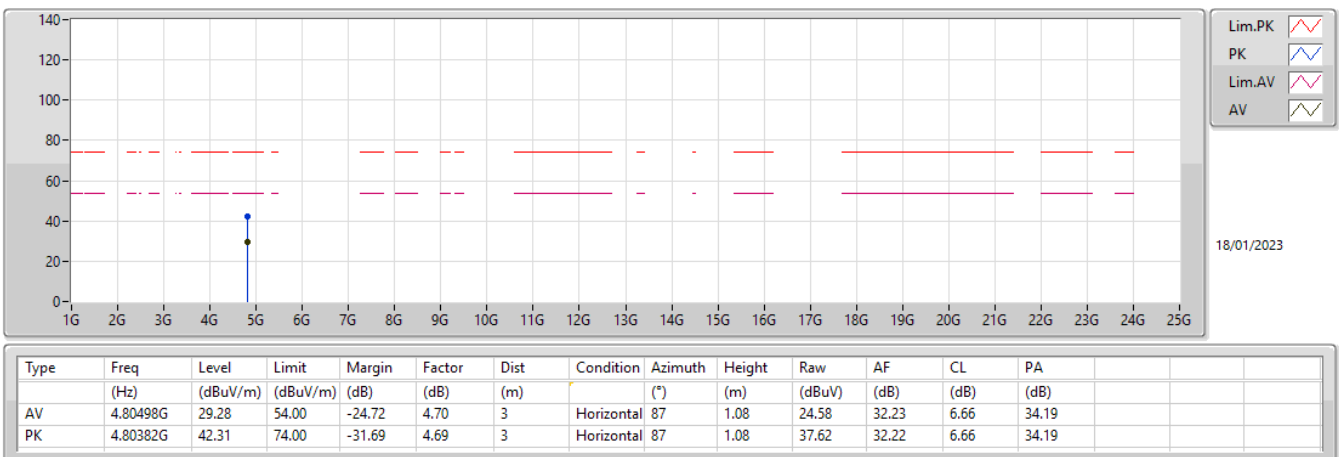
2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX



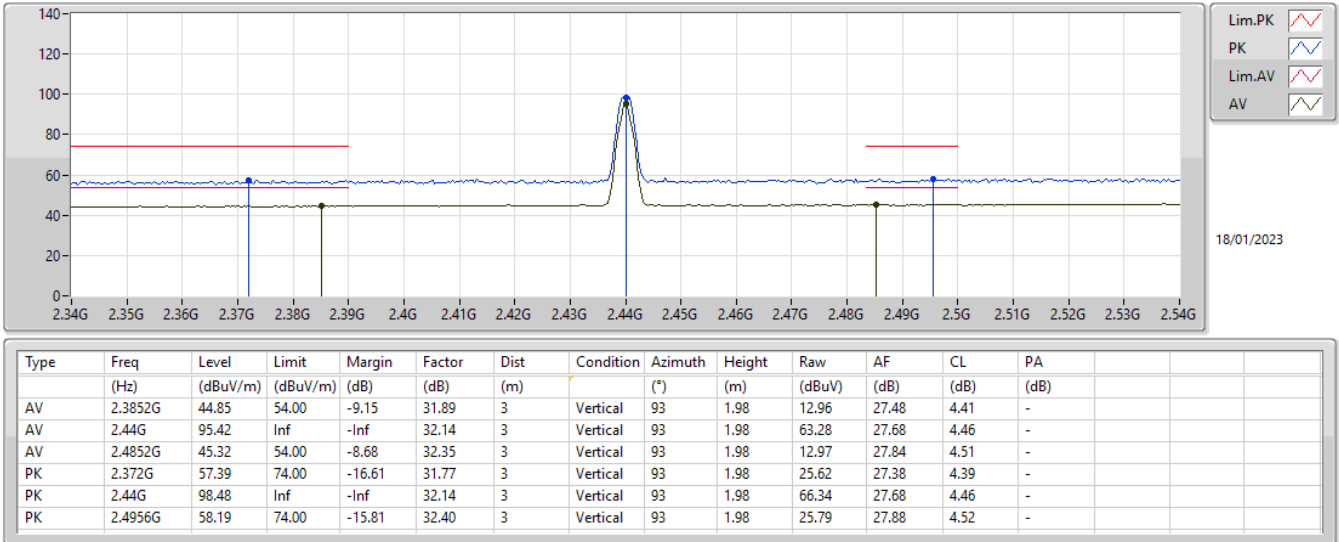
2.4-2.4835GHz_BT-LE(2Mbps)

2402MHz_TX



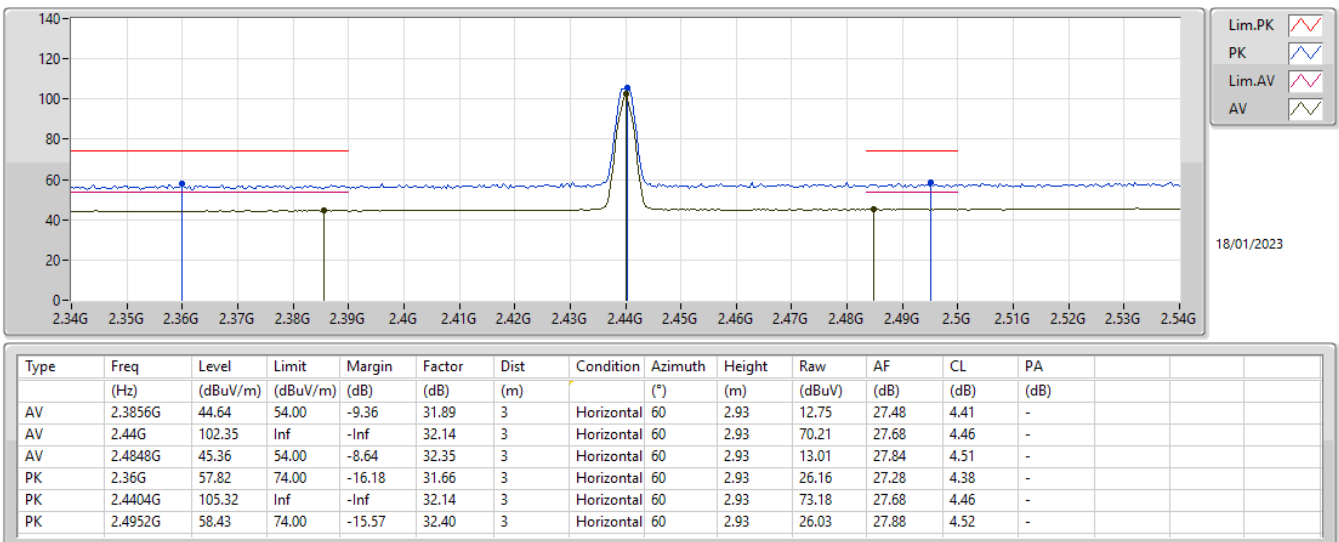
2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX



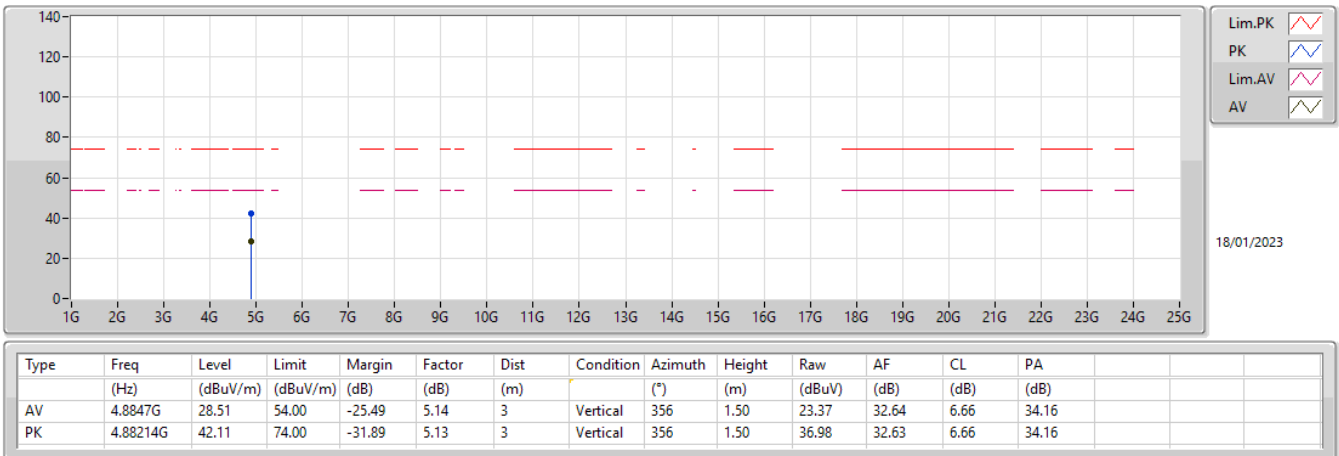
2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX



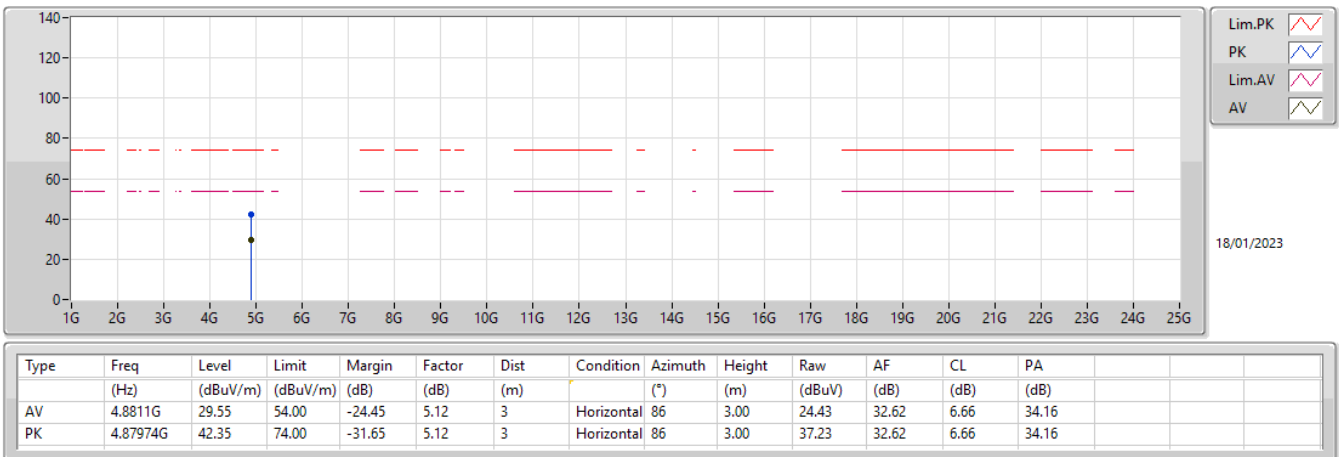
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2440MHz_TX



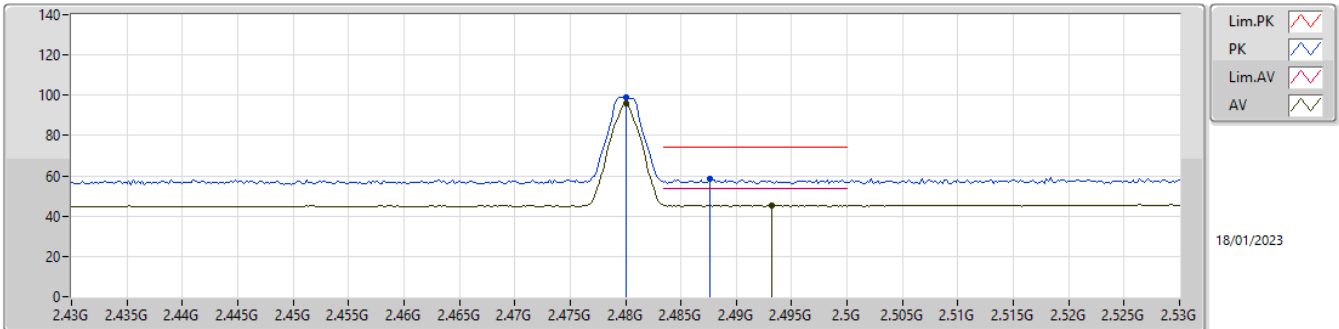
2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX



2.4-2.4835GHz_BT-LE(2Mbps)

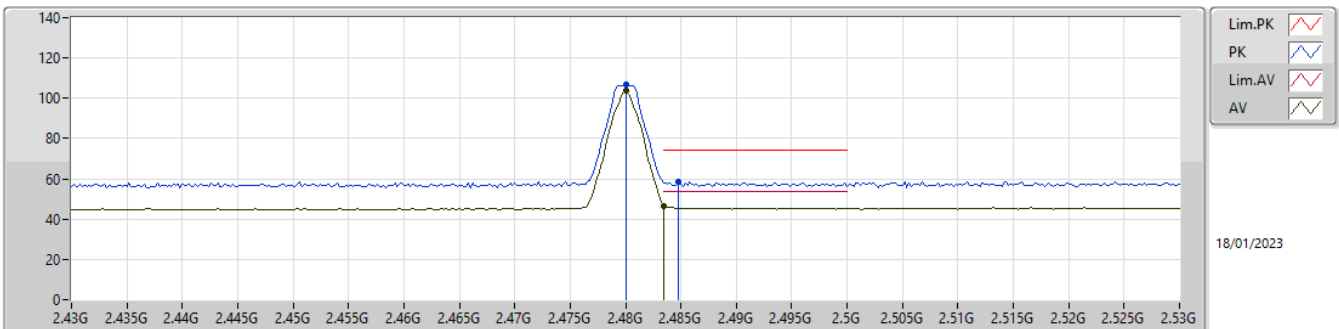
2480MHz_TX



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	2.48G	95.75	Inf	-Inf	32.32	3	Vertical	97	2.45	63.43	27.82	4.50	-
AV	2.4932G	45.33	54.00	-8.67	32.39	3	Vertical	97	2.45	12.94	27.87	4.52	-
PK	2.48G	98.86	Inf	-Inf	32.32	3	Vertical	97	2.45	66.54	27.82	4.50	-
PK	2.4876G	58.27	74.00	-15.73	32.36	3	Vertical	97	2.45	25.91	27.85	4.51	-

2.4-2.4835GHz_BT-LE(2Mbps)

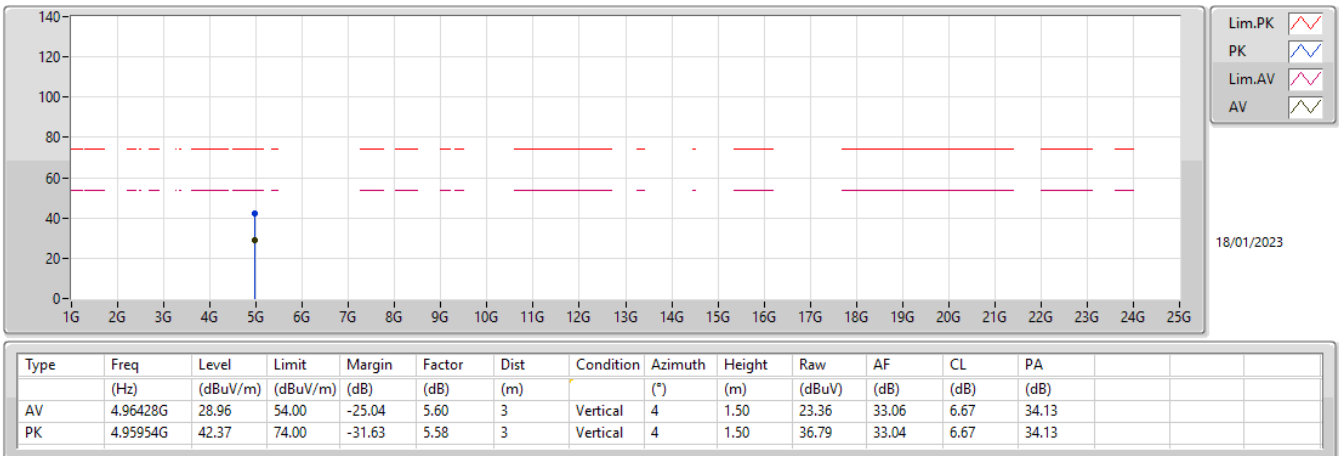
2480MHz_TX



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	2.48G	103.51	Inf	-Inf	32.32	3	Horizontal	65	2.82	71.19	27.82	4.50	-
AV	2.4835G	46.66	54.00	-7.34	32.34	3	Horizontal	65	2.82	14.32	27.83	4.51	-
PK	2.48G	106.63	Inf	-Inf	32.32	3	Horizontal	65	2.82	74.31	27.82	4.50	-
PK	2.4848G	58.55	74.00	-15.45	32.35	3	Horizontal	65	2.82	26.20	27.84	4.51	-

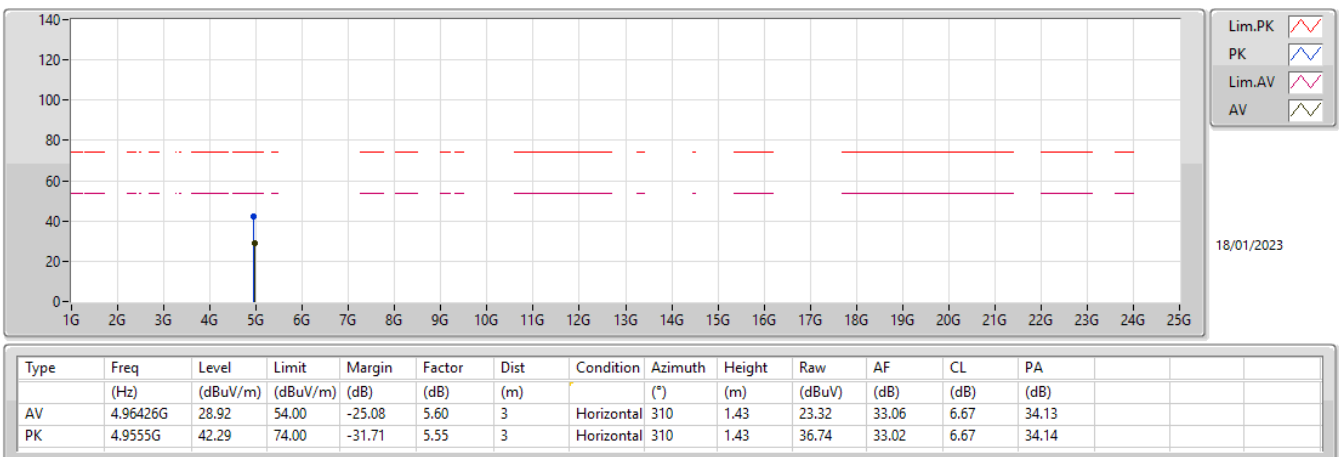
2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



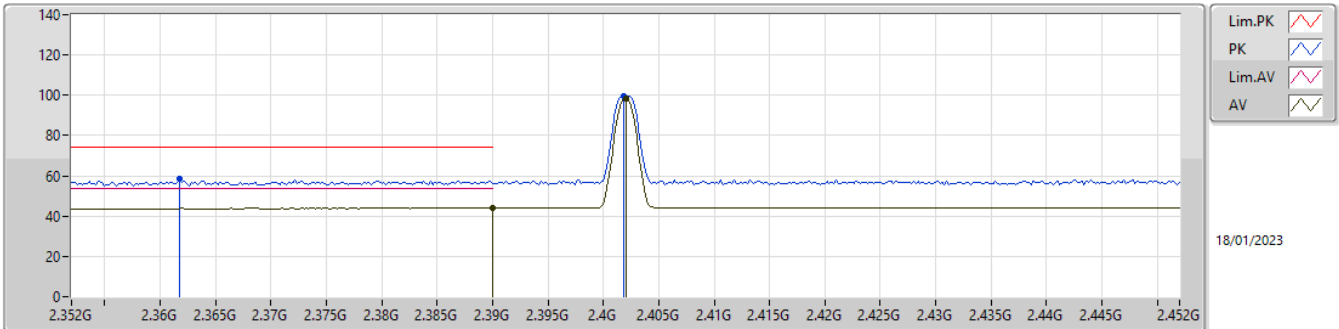
2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-LE(125kbps)

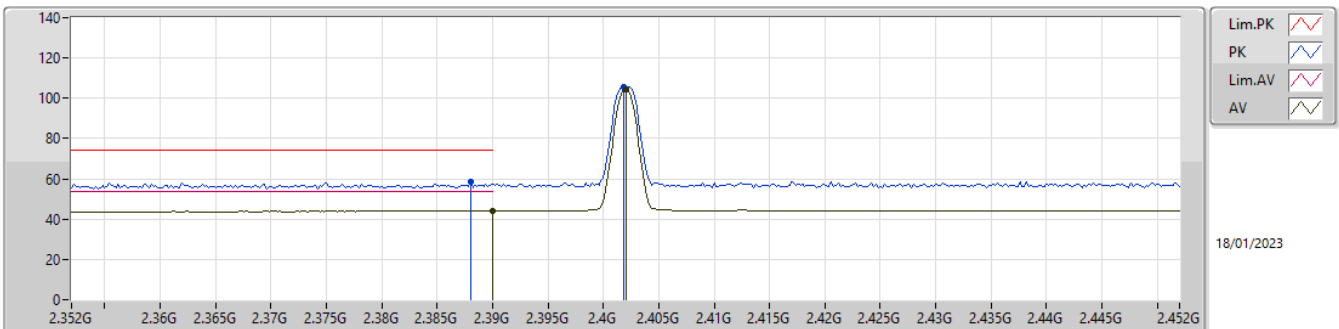
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	44.03	54.00	-9.97	31.93	3	Vertical	90	1.79	12.10	27.52	4.41	-
AV	2.402G	98.55	Inf	-Inf	32.02	3	Vertical	90	1.79	66.53	27.60	4.42	-
PK	2.3618G	58.27	74.00	-15.73	31.68	3	Vertical	90	1.79	26.59	27.29	4.39	-
PK	2.4018G	99.73	Inf	-Inf	32.02	3	Vertical	90	1.79	67.71	27.60	4.42	-

2.4-2.4835GHz_BT-LE(125kbps)

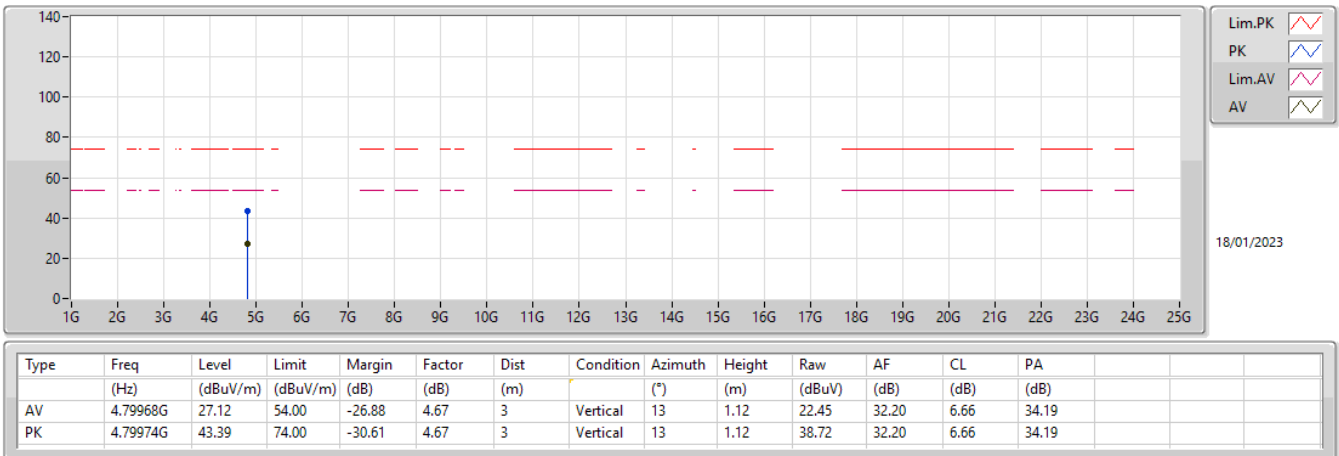
2402MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.39G	44.08	54.00	-9.92	31.93	3	Horizontal	66	3.00	12.15	27.52	4.41	-
AV	2.402G	104.43	Inf	-Inf	32.02	3	Horizontal	66	3.00	72.41	27.60	4.42	-
PK	2.388G	58.48	74.00	-15.52	31.91	3	Horizontal	66	3.00	26.57	27.50	4.41	-
PK	2.4018G	105.59	Inf	-Inf	32.02	3	Horizontal	66	3.00	73.57	27.60	4.42	-

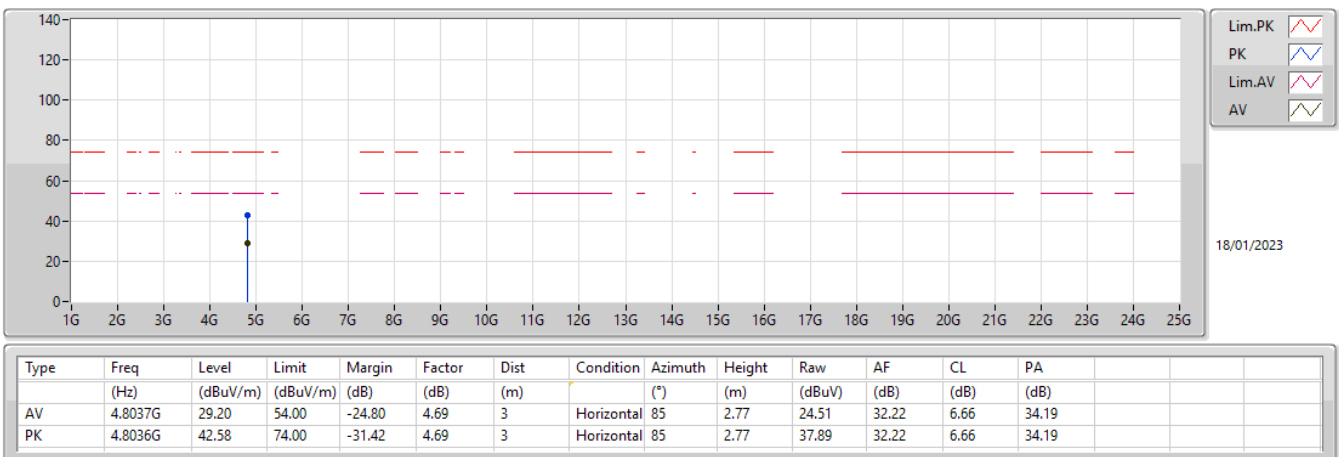
2.4-2.4835GHz_BT-LE(125kbps)

2402MHz_TX



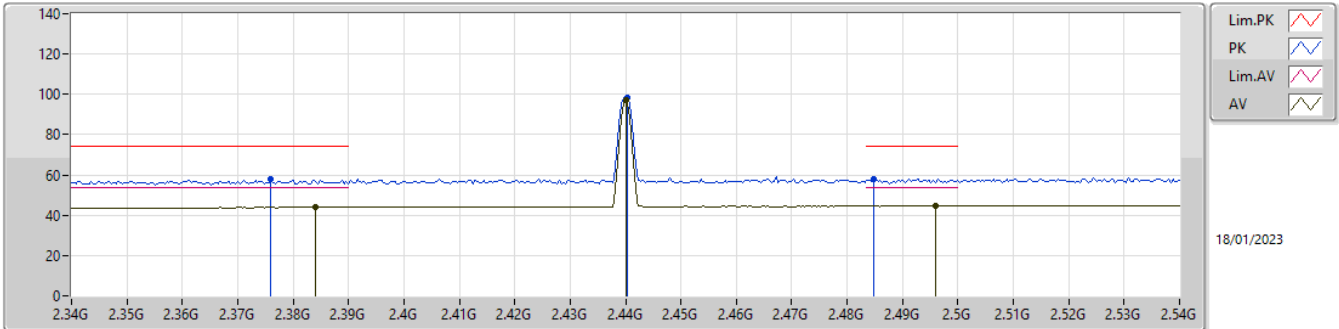
2.4-2.4835GHz_BT-LE(125kbps)

2402MHz_TX



2.4-2.4835GHz_BT-LE(125kbps)

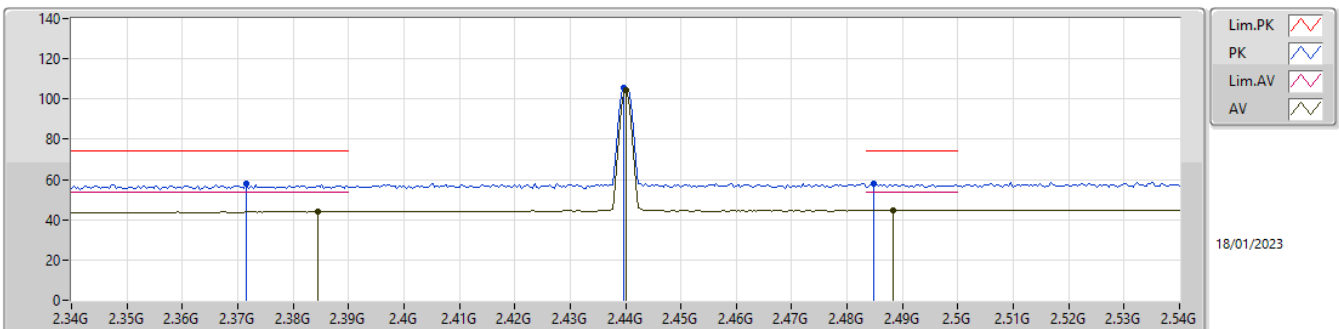
2440MHz_TX



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	2.384G	44.00	54.00	-10.00	31.88	3	Vertical	94	1.98	12.12	27.47	4.41	-
AV	2.44G	97.13	Inf	-Inf	32.14	3	Vertical	94	1.98	64.99	27.68	4.46	-
AV	2.496G	44.66	54.00	-9.34	32.40	3	Vertical	94	1.98	12.26	27.88	4.52	-
PK	2.376G	57.77	74.00	-16.23	31.81	3	Vertical	94	1.98	25.96	27.41	4.40	-
PK	2.4404G	98.31	Inf	-Inf	32.14	3	Vertical	94	1.98	66.17	27.68	4.46	-
PK	2.4848G	57.95	74.00	-16.05	32.35	3	Vertical	94	1.98	25.60	27.84	4.51	-

2.4-2.4835GHz_BT-LE(125kbps)

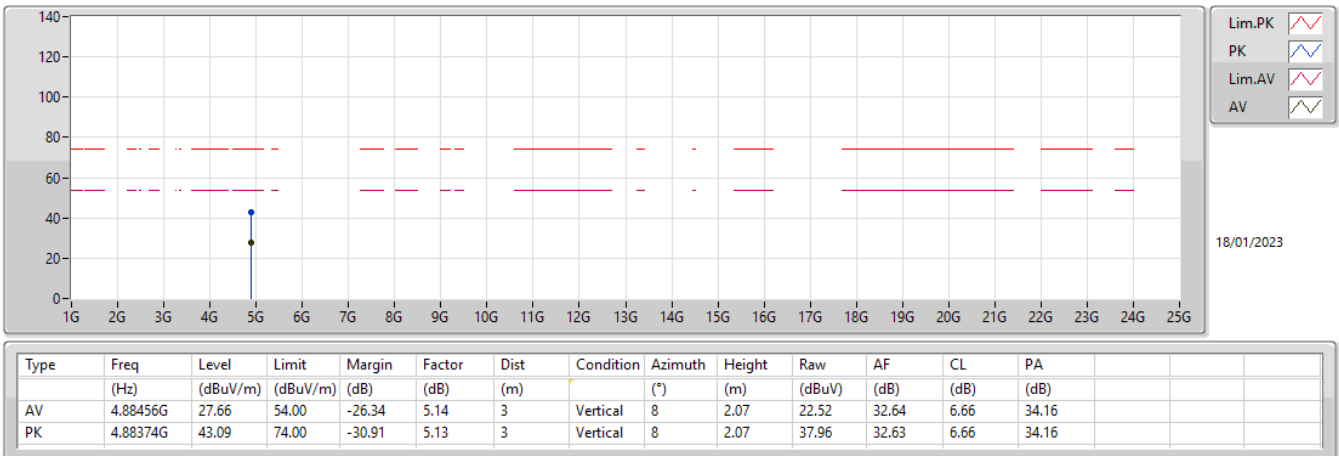
2440MHz_TX



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	2.3844G	44.01	54.00	-9.99	31.89	3	Horizontal	62	2.92	12.12	27.48	4.41	-
AV	2.44G	104.34	Inf	-Inf	32.14	3	Horizontal	62	2.92	72.20	27.68	4.46	-
AV	2.4884G	44.64	54.00	-9.36	32.36	3	Horizontal	62	2.92	12.28	27.85	4.51	-
PK	2.3716G	57.78	74.00	-16.22	31.76	3	Horizontal	62	2.92	26.02	27.37	4.39	-
PK	2.4396G	105.48	Inf	-Inf	32.14	3	Horizontal	62	2.92	73.34	27.68	4.46	-
PK	2.4848G	57.91	74.00	-16.09	32.35	3	Horizontal	62	2.92	25.56	27.84	4.51	-

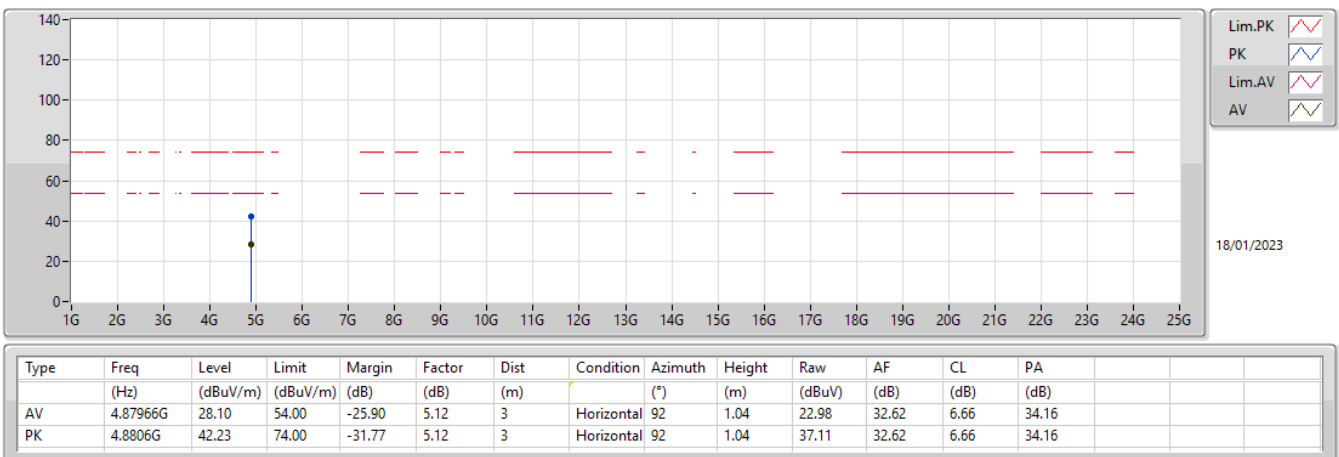
2.4-2.4835GHz_BT-LE(125kbps)

2440MHz_TX



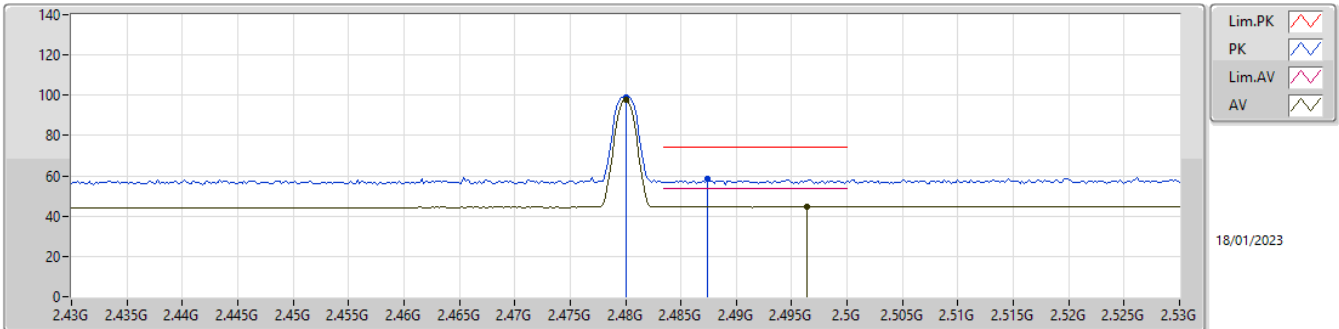
2.4-2.4835GHz_BT-LE(125kbps)

2440MHz_TX



2.4-2.4835GHz_BT-LE(125kbps)

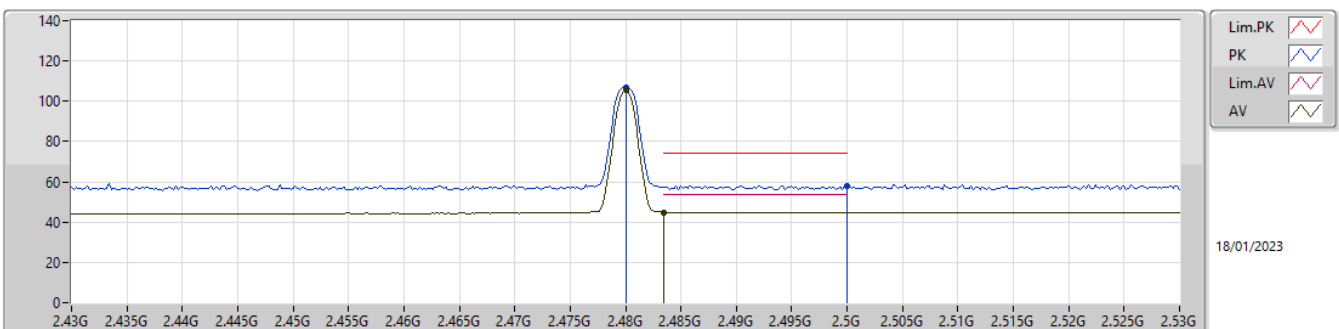
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.48G	97.71	Inf	-Inf	32.32	3	Vertical	97	2.46	65.39	27.82	4.50	-
AV	2.4964G	44.63	54.00	-9.37	32.41	3	Vertical	97	2.46	12.22	27.89	4.52	-
PK	2.48G	99.01	Inf	-Inf	32.32	3	Vertical	97	2.46	66.69	27.82	4.50	-
PK	2.4874G	58.24	74.00	-15.76	32.36	3	Vertical	97	2.46	25.88	27.85	4.51	-

2.4-2.4835GHz_BT-LE(125kbps)

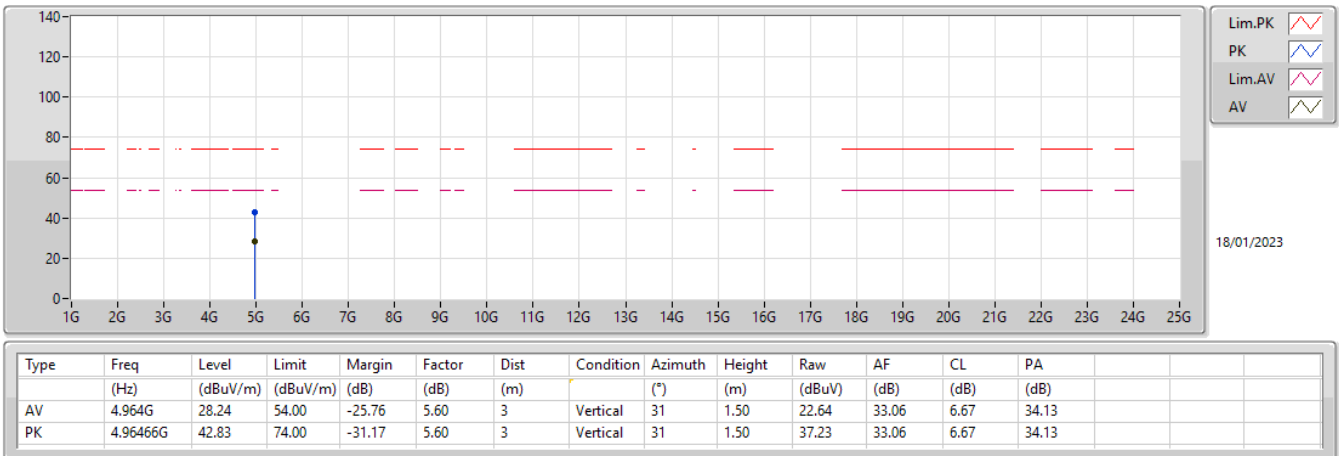
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.48G	105.39	Inf	-Inf	32.32	3	Horizontal	63	2.82	73.07	27.82	4.50	-
AV	2.4835G	44.89	54.00	-9.11	32.34	3	Horizontal	63	2.82	12.55	27.83	4.51	-
PK	2.48G	106.63	Inf	-Inf	32.32	3	Horizontal	63	2.82	74.31	27.82	4.50	-
PK	2.5G	58.06	74.00	-15.94	32.43	3	Horizontal	63	2.82	25.63	27.90	4.53	-

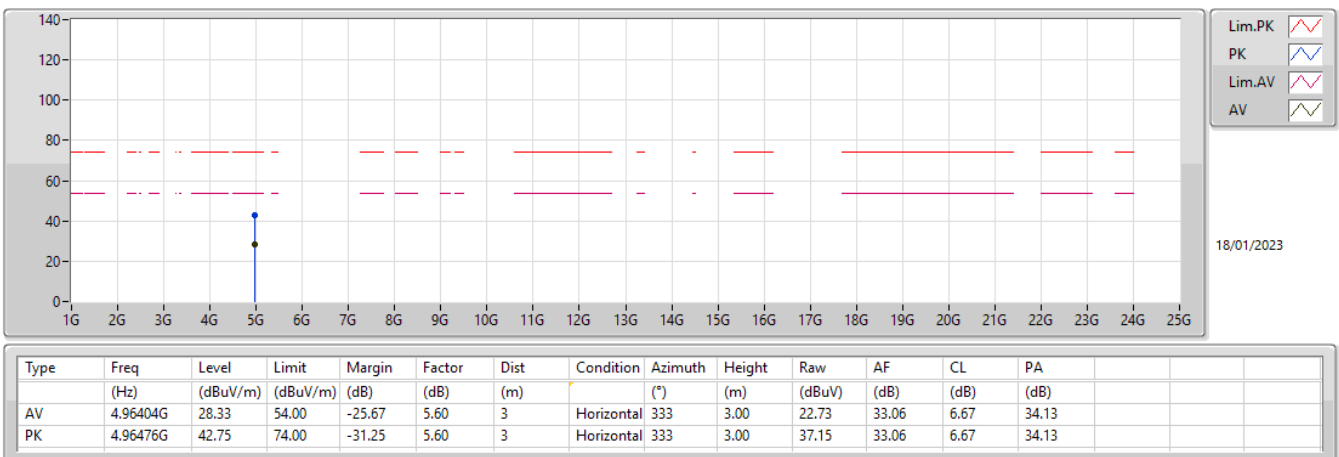
2.4-2.4835GHz_BT-LE(125kbps)

2480MHz_TX



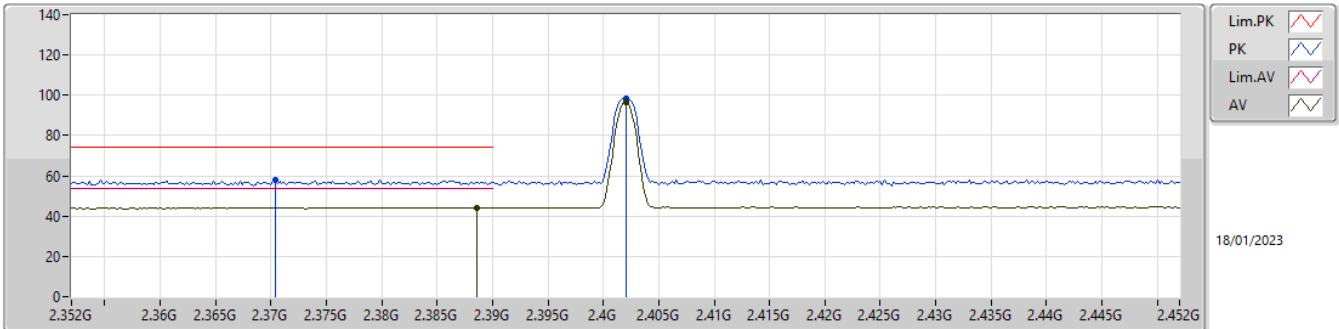
2.4-2.4835GHz_BT-LE(125kbps)

2480MHz_TX



2.4-2.4835GHz_BT-LE(500kbps)

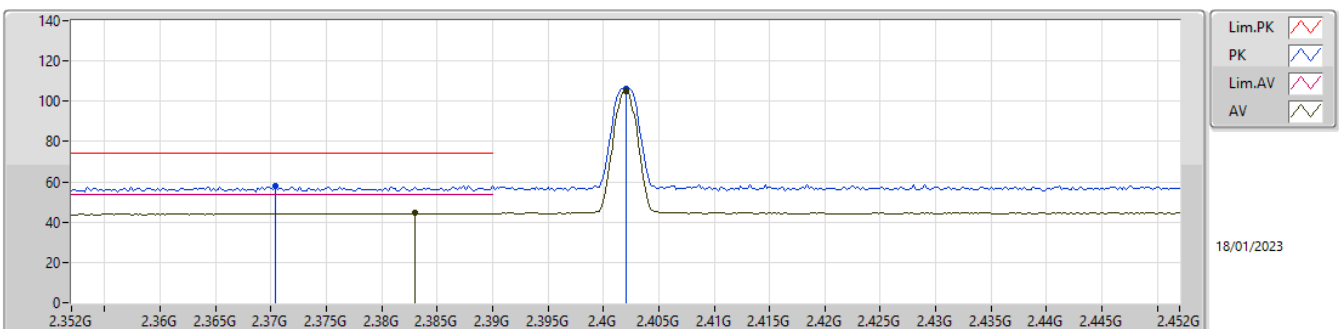
2402MHz_TX



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	2.3886G	44.18	54.00	-9.82	31.92	3	Vertical	304	3.00	12.26	27.51	4.41	-
AV	2.402G	96.71	Inf	-Inf	32.02	3	Vertical	304	3.00	64.69	27.60	4.42	-
PK	2.3704G	58.00	74.00	-16.00	31.75	3	Vertical	304	3.00	26.25	27.36	4.39	-
PK	2.402G	98.12	Inf	-Inf	32.02	3	Vertical	304	3.00	66.10	27.60	4.42	-

2.4-2.4835GHz_BT-LE(500kbps)

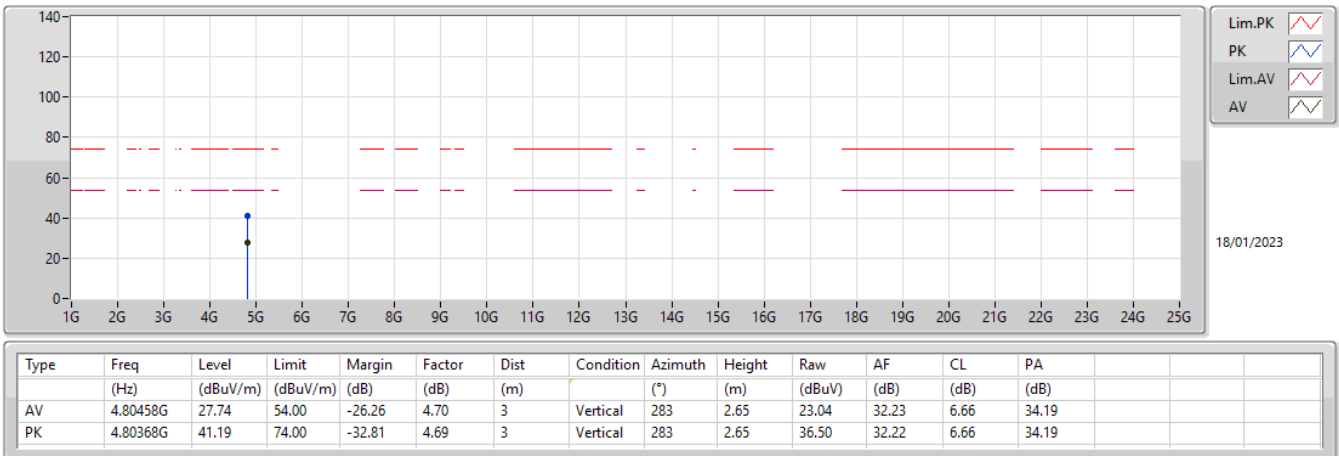
2402MHz_TX



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	2.383G	44.41	54.00	-9.59	31.86	3	Horizontal	90	3.00	12.55	27.46	4.40	-
AV	2.402G	104.97	Inf	-Inf	32.02	3	Horizontal	90	3.00	72.95	27.60	4.42	-
PK	2.3704G	58.06	74.00	-15.94	31.75	3	Horizontal	90	3.00	26.31	27.36	4.39	-
PK	2.402G	106.31	Inf	-Inf	32.02	3	Horizontal	90	3.00	74.29	27.60	4.42	-

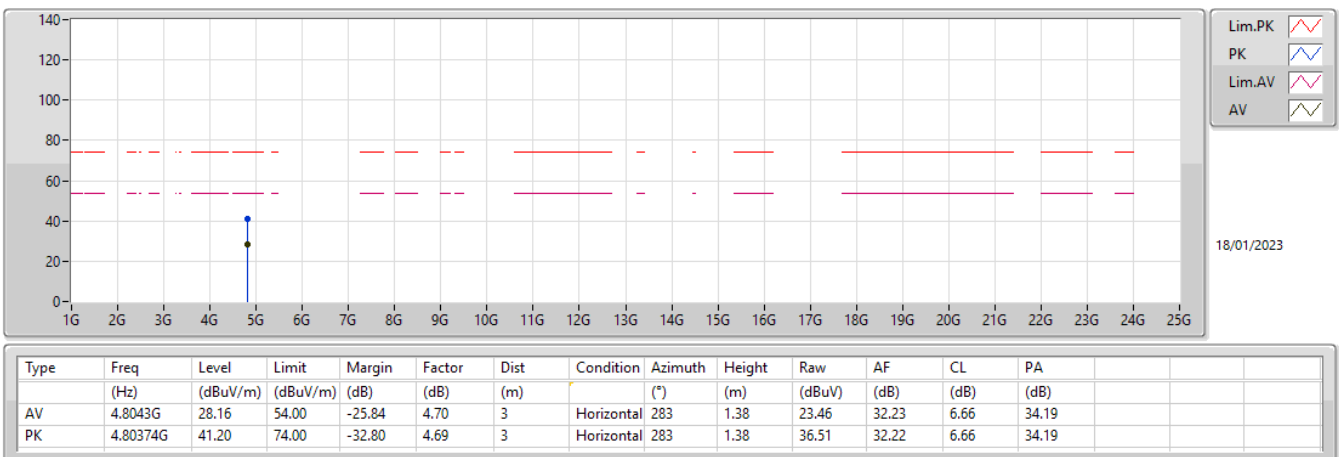
2.4-2.4835GHz_BT-LE(500kbps)

2402MHz_TX



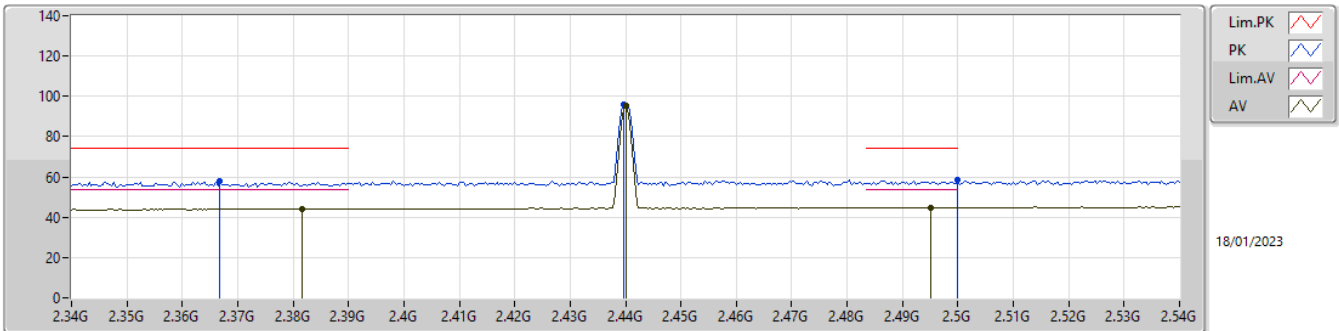
2.4-2.4835GHz_BT-LE(500kbps)

2402MHz_TX



2.4-2.4835GHz_BT-LE(500kbps)

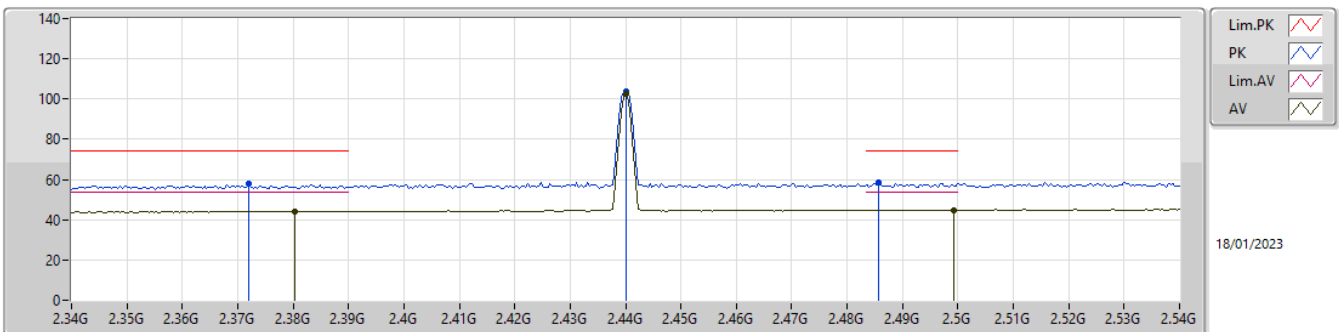
2440MHz_TX



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	2.3816G	44.18	54.00	-9.82	31.85	3	Vertical	292	2.89	12.33	27.45	4.40	-
AV	2.44G	95.12	Inf	-Inf	32.14	3	Vertical	292	2.89	62.98	27.68	4.46	-
AV	2.4952G	44.79	54.00	-9.21	32.40	3	Vertical	292	2.89	12.39	27.88	4.52	-
PK	2.3668G	58.15	74.00	-15.85	31.72	3	Vertical	292	2.89	26.43	27.33	4.39	-
PK	2.4396G	96.11	Inf	-Inf	32.14	3	Vertical	292	2.89	63.97	27.68	4.46	-
PK	2.5G	58.26	74.00	-15.74	32.43	3	Vertical	292	2.89	25.83	27.90	4.53	-

2.4-2.4835GHz_BT-LE(500kbps)

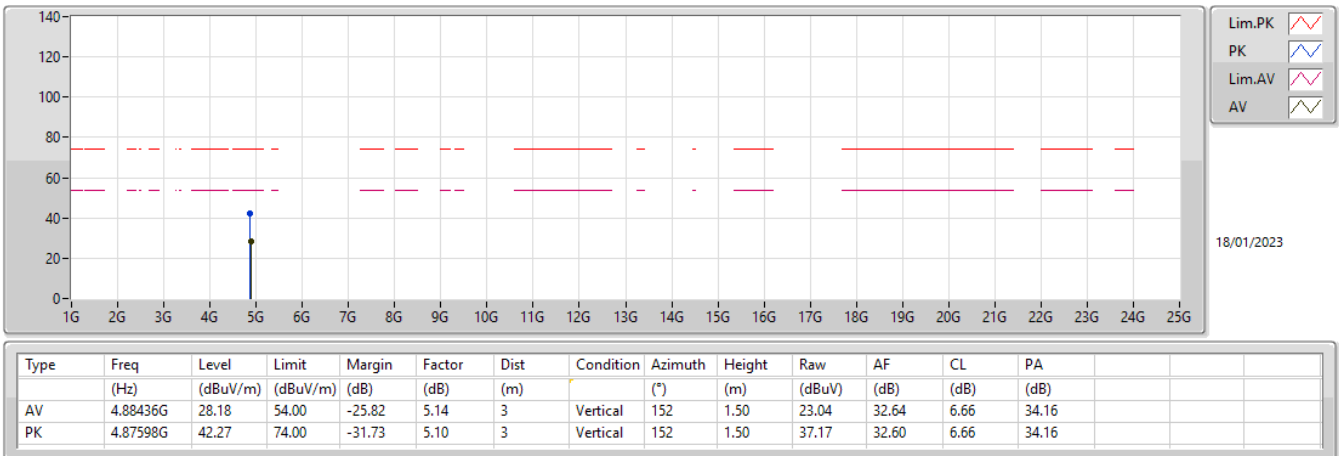
2440MHz_TX



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	2.3804G	44.21	54.00	-9.79	31.84	3	Horizontal	283	2.95	12.37	27.44	4.40	-
AV	2.44G	102.66	Inf	-Inf	32.14	3	Horizontal	283	2.95	70.52	27.68	4.46	-
AV	2.4992G	44.79	54.00	-9.21	32.42	3	Horizontal	283	2.95	12.37	27.90	4.52	-
PK	2.372G	58.08	74.00	-15.92	31.77	3	Horizontal	283	2.95	26.31	27.38	4.39	-
PK	2.44G	103.76	Inf	-Inf	32.14	3	Horizontal	283	2.95	71.62	27.68	4.46	-
PK	2.4856G	58.59	74.00	-15.41	32.35	3	Horizontal	283	2.95	26.24	27.84	4.51	-

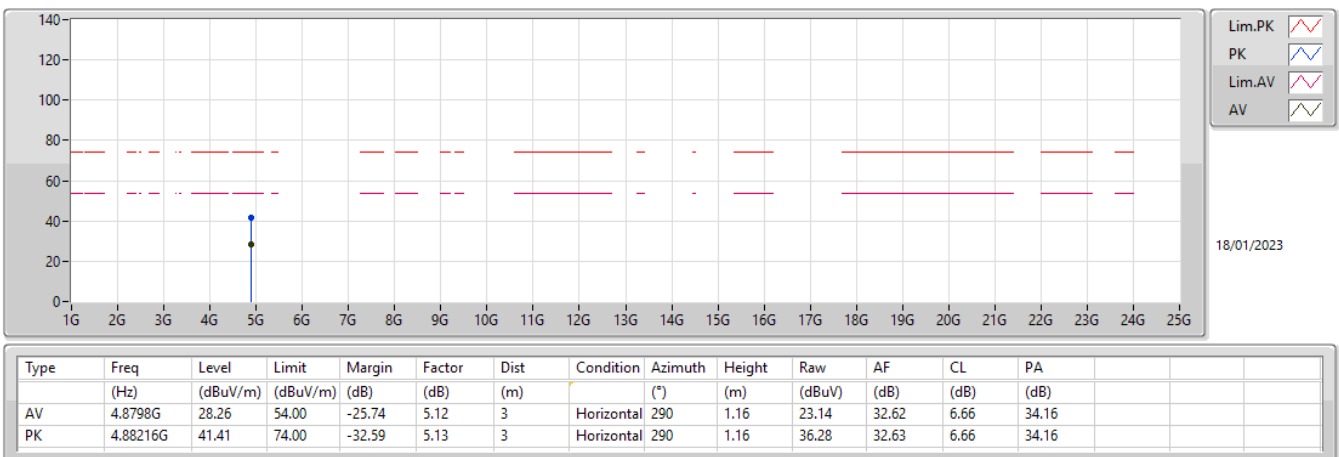
2.4-2.4835GHz_BT-LE(500kbps)

2440MHz_TX



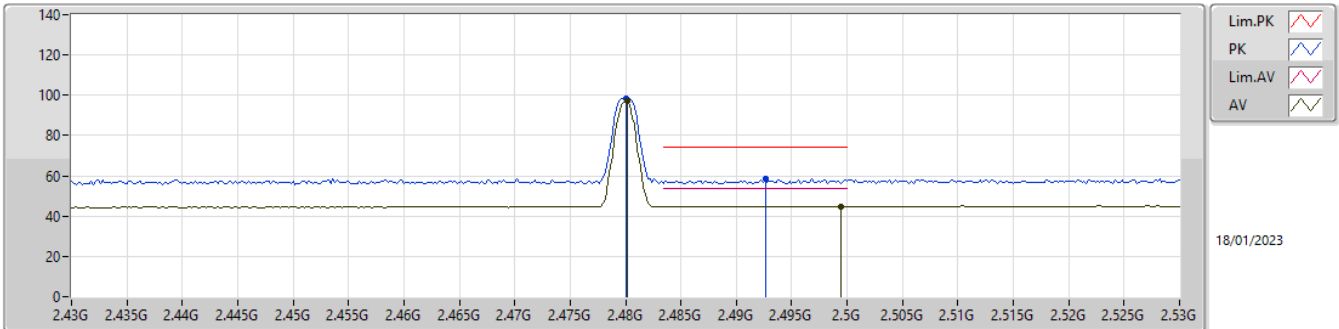
2.4-2.4835GHz_BT-LE(500kbps)

2440MHz_TX



2.4-2.4835GHz_BT-LE(500kbps)

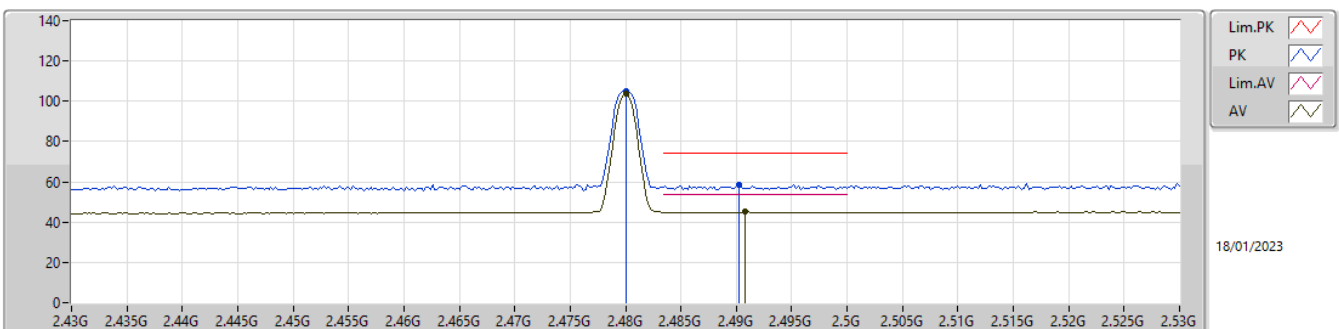
2480MHz_TX



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	2.4802G	96.92	Inf	-Inf	32.32	3	Vertical	303	3.00	64.60	27.82	4.50	-
AV	2.4994G	44.88	54.00	-9.12	32.42	3	Vertical	303	3.00	12.46	27.90	4.52	-
PK	2.48G	98.53	Inf	-Inf	32.32	3	Vertical	303	3.00	66.21	27.82	4.50	-
PK	2.4926G	58.56	74.00	-15.44	32.39	3	Vertical	303	3.00	26.17	27.87	4.52	-

2.4-2.4835GHz_BT-LE(500kbps)

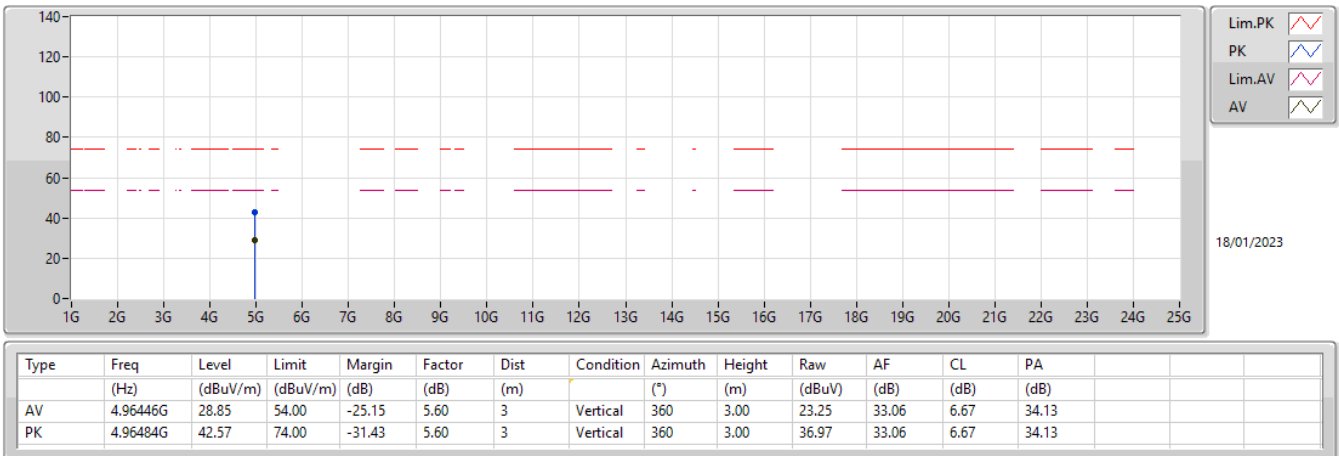
2480MHz_TX



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	2.48G	103.75	Inf	-Inf	32.32	3	Horizontal	288	1.13	71.43	27.82	4.50	-
AV	2.4908G	44.99	54.00	-9.01	32.38	3	Horizontal	288	1.13	12.61	27.86	4.52	-
PK	2.48G	104.80	Inf	-Inf	32.32	3	Horizontal	288	1.13	72.48	27.82	4.50	-
PK	2.4902G	58.69	74.00	-15.31	32.37	3	Horizontal	288	1.13	26.32	27.86	4.51	-

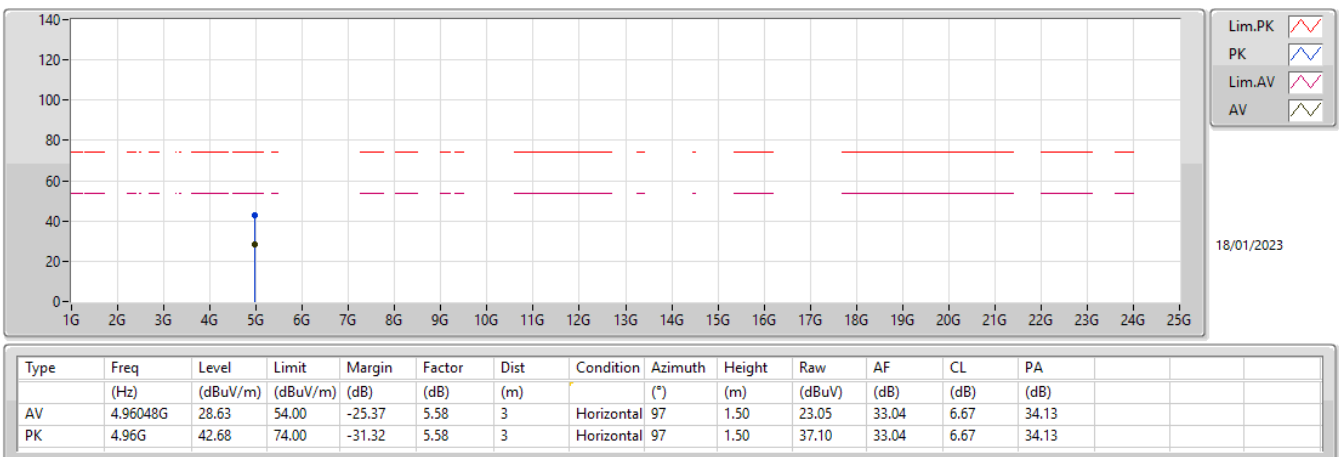
2.4-2.4835GHz_BT-LE(500kbps)

2480MHz_TX



2.4-2.4835GHz_BT-LE(500kbps)

2480MHz_TX





Summary

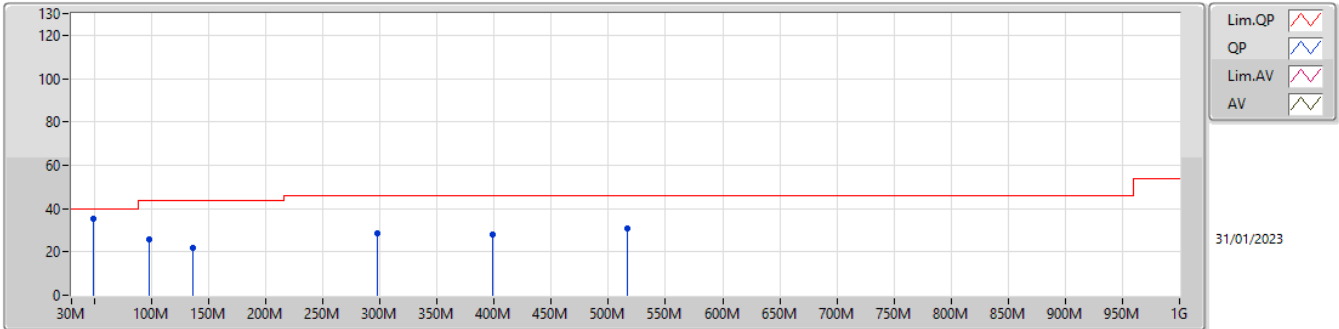
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-LE(2Mbps)	Pass	PK	49.4M	35.47	40.00	-4.53	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	49.4M	35.47	40.00	-4.53	3	Vertical	0	1.00	-
2440MHz	Pass	PK	97.9M	25.87	43.50	-17.63	3	Vertical	0	1.00	-
2440MHz	Pass	PK	136.7M	22.13	43.50	-21.37	3	Vertical	0	1.00	-
2440MHz	Pass	PK	297.72M	28.71	46.00	-17.29	3	Vertical	0	1.00	-
2440MHz	Pass	PK	398.6M	28.00	46.00	-18.00	3	Vertical	0	1.00	-
2440MHz	Pass	PK	516.94M	30.78	46.00	-15.22	3	Vertical	0	1.00	-
2440MHz	Pass	PK	45.52M	30.11	40.00	-9.89	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	99.84M	32.44	43.50	-11.06	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	142.52M	27.46	43.50	-16.04	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	295.78M	31.48	46.00	-14.52	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	338.46M	32.86	46.00	-13.14	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	516.94M	31.26	46.00	-14.74	3	Horizontal	360	1.00	-

2.4-2.4835GHz_BT-LE(2Mbps)

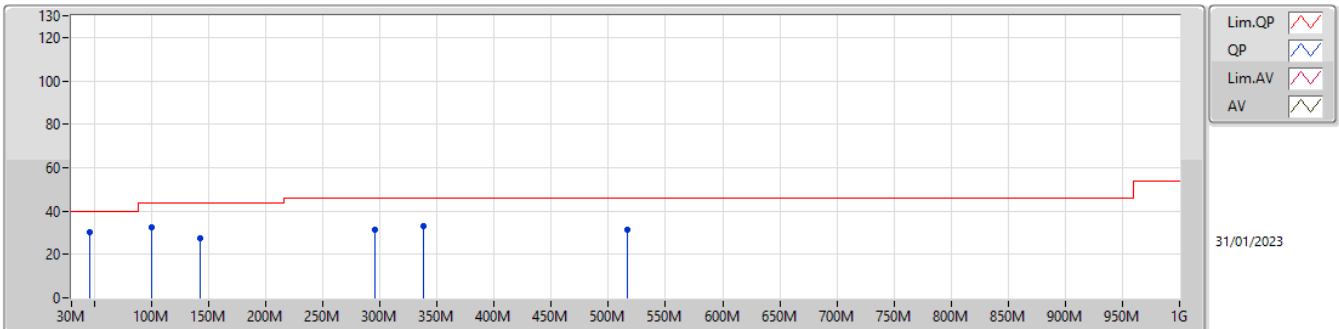
2440MHz_Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	49.4M	35.47	40.00	-4.53	-12.21	3	Vertical	0	1.00	47.68	13.76	1.42	27.39
PK	97.9M	25.87	43.50	-17.63	-10.18	3	Vertical	0	1.00	36.05	15.72	1.93	27.83
PK	136.7M	22.13	43.50	-21.37	-8.85	3	Vertical	0	1.00	30.98	16.59	2.29	27.73
PK	297.72M	28.71	46.00	-17.29	-5.60	3	Vertical	0	1.00	34.31	18.31	3.28	27.19
PK	398.6M	28.00	46.00	-18.00	-3.15	3	Vertical	0	1.00	31.15	20.89	3.79	27.83
PK	516.94M	30.78	46.00	-15.22	-1.32	3	Vertical	0	1.00	32.10	22.67	4.45	28.44

2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_Fixture



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	45.52M	30.11	40.00	-9.89	-10.53	3	Horizontal	360	1.00	40.64	15.21	1.45	27.19
PK	99.84M	32.44	43.50	-11.06	-9.85	3	Horizontal	360	1.00	42.29	16.04	1.93	27.82
PK	142.52M	27.46	43.50	-16.04	-9.21	3	Horizontal	360	1.00	36.67	16.15	2.35	27.71
PK	295.78M	31.48	46.00	-14.52	-5.65	3	Horizontal	360	1.00	37.13	18.27	3.27	27.19
PK	338.46M	32.86	46.00	-13.14	-7.62	3	Horizontal	360	1.00	40.48	19.05	0.76	27.43
PK	516.94M	31.26	46.00	-14.74	-1.32	3	Horizontal	360	1.00	32.58	22.67	4.45	28.44

**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(125kbps)	Pass	AV	2.4908G	44.73	54.00	-9.27	3	Vertical	46	2.45
BT-LE(500kbps)	Pass	AV	2.4835G	45.04	54.00	-8.96	3	Vertical	42	1.86
BT-LE(1Mbps)	Pass	AV	2.4906G	45.57	54.00	-8.43	3	Vertical	44	1.98
BT-LE(2Mbps)	Pass	AV	2.4835G	45.76	54.00	-8.24	3	Vertical	42	1.82

Result

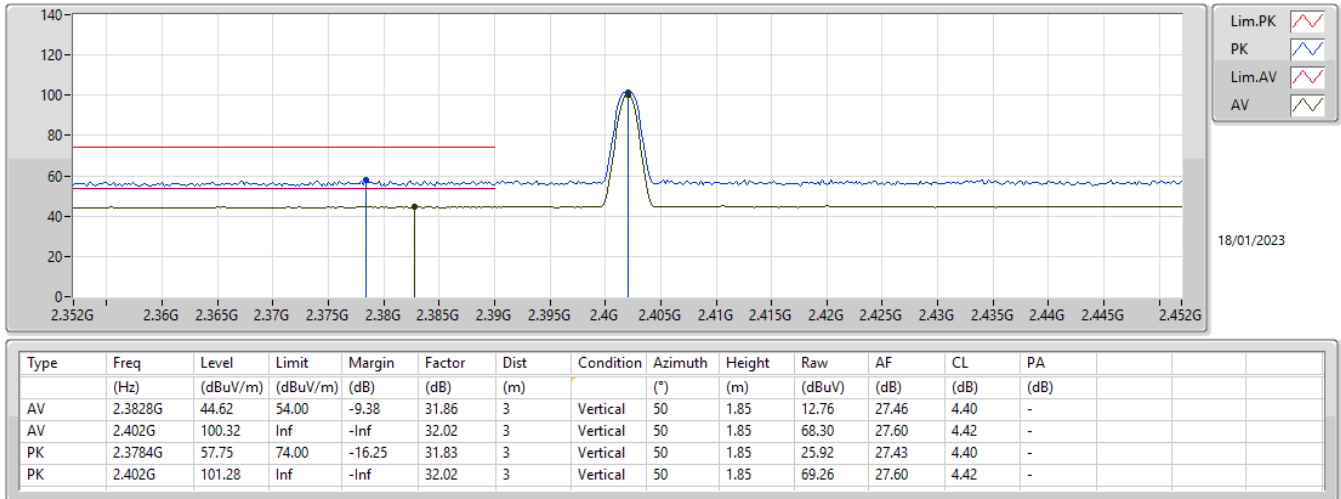
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3828G	44.62	54.00	-9.38	3	Vertical	50	1.85
2402MHz	Pass	AV	2.402G	100.32	Inf	-Inf	3	Vertical	50	1.85
2402MHz	Pass	PK	2.3784G	57.75	74.00	-16.25	3	Vertical	50	1.85
2402MHz	Pass	PK	2.402G	101.28	Inf	-Inf	3	Vertical	50	1.85
2402MHz	Pass	AV	2.3878G	44.69	54.00	-9.31	3	Horizontal	79	2.09
2402MHz	Pass	AV	2.402G	97.53	Inf	-Inf	3	Horizontal	79	2.09
2402MHz	Pass	PK	2.3646G	57.61	74.00	-16.39	3	Horizontal	79	2.09
2402MHz	Pass	PK	2.4022G	98.50	Inf	-Inf	3	Horizontal	79	2.09
2402MHz	Pass	AV	4.79844G	28.60	54.00	-25.40	3	Vertical	32	1.50
2402MHz	Pass	PK	4.79848G	45.79	74.00	-28.21	3	Vertical	32	1.50
2402MHz	Pass	AV	4.81328G	28.22	54.00	-25.78	3	Horizontal	0	1.50
2402MHz	Pass	PK	4.80484G	41.58	74.00	-32.42	3	Horizontal	0	1.50
2440MHz	Pass	AV	2.388G	44.70	54.00	-9.30	3	Vertical	41	1.97
2440MHz	Pass	AV	2.44G	101.74	Inf	-Inf	3	Vertical	41	1.97
2440MHz	Pass	AV	2.4992G	45.31	54.00	-8.69	3	Vertical	41	1.97
2440MHz	Pass	PK	2.3536G	58.08	74.00	-15.92	3	Vertical	41	1.97
2440MHz	Pass	PK	2.4404G	102.74	Inf	-Inf	3	Vertical	41	1.97
2440MHz	Pass	PK	2.494G	58.78	74.00	-15.22	3	Vertical	41	1.97
2440MHz	Pass	AV	2.3808G	44.78	54.00	-9.22	3	Horizontal	80	2.60
2440MHz	Pass	AV	2.44G	95.48	Inf	-Inf	3	Horizontal	80	2.60
2440MHz	Pass	AV	2.4988G	45.35	54.00	-8.65	3	Horizontal	80	2.60
2440MHz	Pass	PK	2.3652G	57.75	74.00	-16.25	3	Horizontal	80	2.60
2440MHz	Pass	PK	2.44G	96.56	Inf	-Inf	3	Horizontal	80	2.60
2440MHz	Pass	PK	2.4864G	59.10	74.00	-14.90	3	Horizontal	80	2.60
2440MHz	Pass	AV	4.88396G	28.58	54.00	-25.42	3	Vertical	19	2.99
2440MHz	Pass	PK	4.87168G	42.17	74.00	-31.83	3	Vertical	19	2.99
2440MHz	Pass	AV	4.88736G	28.53	54.00	-25.47	3	Horizontal	281	1.50
2440MHz	Pass	PK	4.87596G	41.90	74.00	-32.10	3	Horizontal	281	1.50
2480MHz	Pass	AV	2.48G	103.43	Inf	-Inf	3	Vertical	44	1.98
2480MHz	Pass	AV	2.4906G	45.57	54.00	-8.43	3	Vertical	44	1.98
2480MHz	Pass	PK	2.48G	104.47	Inf	-Inf	3	Vertical	44	1.98
2480MHz	Pass	PK	2.4972G	58.65	74.00	-15.35	3	Vertical	44	1.98
2480MHz	Pass	AV	2.48G	98.27	Inf	-Inf	3	Horizontal	71	1.91
2480MHz	Pass	AV	2.493G	45.46	54.00	-8.54	3	Horizontal	71	1.91
2480MHz	Pass	PK	2.48G	99.30	Inf	-Inf	3	Horizontal	71	1.91
2480MHz	Pass	PK	2.5G	58.72	74.00	-15.28	3	Horizontal	71	1.91
2480MHz	Pass	AV	4.96896G	29.02	54.00	-24.98	3	Vertical	148	1.50
2480MHz	Pass	PK	4.9522G	42.36	74.00	-31.64	3	Vertical	148	1.50
2480MHz	Pass	AV	4.967G	29.06	54.00	-24.94	3	Horizontal	258	1.50
2480MHz	Pass	PK	4.96676G	42.81	74.00	-31.19	3	Horizontal	258	1.50
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3878G	44.93	54.00	-9.07	3	Vertical	54	2.07
2402MHz	Pass	AV	2.402G	98.89	Inf	-Inf	3	Vertical	54	2.07
2402MHz	Pass	PK	2.3812G	58.02	74.00	-15.98	3	Vertical	54	2.07
2402MHz	Pass	PK	2.402G	101.96	Inf	-Inf	3	Vertical	54	2.07
2402MHz	Pass	AV	2.3836G	44.79	54.00	-9.21	3	Horizontal	79	1.81
2402MHz	Pass	AV	2.402G	93.61	Inf	-Inf	3	Horizontal	79	1.81
2402MHz	Pass	PK	2.3894G	57.58	74.00	-16.42	3	Horizontal	79	1.81
2402MHz	Pass	PK	2.402G	96.61	Inf	-Inf	3	Horizontal	79	1.81
2402MHz	Pass	AV	4.81216G	28.20	54.00	-25.80	3	Vertical	10	1.50
2402MHz	Pass	PK	4.79768G	44.56	74.00	-29.44	3	Vertical	10	1.50
2402MHz	Pass	AV	4.81216G	28.19	54.00	-25.81	3	Horizontal	354	1.50
2402MHz	Pass	PK	4.801G	42.07	74.00	-31.93	3	Horizontal	354	1.50
2440MHz	Pass	AV	2.3864G	44.77	54.00	-9.23	3	Vertical	41	2.54
2440MHz	Pass	AV	2.44G	96.82	Inf	-Inf	3	Vertical	41	2.54
2440MHz	Pass	AV	2.4936G	45.22	54.00	-8.78	3	Vertical	41	2.54
2440MHz	Pass	PK	2.3844G	57.71	74.00	-16.29	3	Vertical	41	2.54
2440MHz	Pass	PK	2.44G	99.95	Inf	-Inf	3	Vertical	41	2.54
2440MHz	Pass	PK	2.4984G	58.98	74.00	-15.02	3	Vertical	41	2.54
2440MHz	Pass	AV	2.366G	44.69	54.00	-9.31	3	Horizontal	80	2.58

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2440MHz	Pass	AV	2.44G	93.31	Inf	-Inf	3	Horizontal	80	2.58
2440MHz	Pass	AV	2.4844G	45.21	54.00	-8.79	3	Horizontal	80	2.58
2440MHz	Pass	PK	2.3632G	57.69	74.00	-16.31	3	Horizontal	80	2.58
2440MHz	Pass	PK	2.44G	96.32	Inf	-Inf	3	Horizontal	80	2.58
2440MHz	Pass	PK	2.4848G	58.33	74.00	-15.67	3	Horizontal	80	2.58
2440MHz	Pass	AV	4.88968G	28.51	54.00	-25.49	3	Vertical	360	1.50
2440MHz	Pass	PK	4.88808G	41.61	74.00	-32.39	3	Vertical	360	1.50
2440MHz	Pass	AV	4.8874G	28.43	54.00	-25.57	3	Horizontal	158	1.50
2440MHz	Pass	PK	4.88576G	41.77	74.00	-32.23	3	Horizontal	158	1.50
2480MHz	Pass	AV	2.48G	100.58	Inf	-Inf	3	Vertical	42	1.82
2480MHz	Pass	AV	2.4835G	45.76	54.00	-8.24	3	Vertical	42	1.82
2480MHz	Pass	PK	2.48G	103.66	Inf	-Inf	3	Vertical	42	1.82
2480MHz	Pass	PK	2.4966G	58.61	74.00	-15.39	3	Vertical	42	1.82
2480MHz	Pass	AV	2.48G	95.57	Inf	-Inf	3	Horizontal	71	1.92
2480MHz	Pass	AV	2.4835G	45.31	54.00	-8.69	3	Horizontal	71	1.92
2480MHz	Pass	PK	2.48G	98.60	Inf	-Inf	3	Horizontal	71	1.92
2480MHz	Pass	PK	2.488G	58.90	74.00	-15.10	3	Horizontal	71	1.92
2480MHz	Pass	AV	4.96832G	29.24	54.00	-24.76	3	Vertical	227	3.00
2480MHz	Pass	PK	4.96292G	42.41	74.00	-31.59	3	Vertical	227	3.00
2480MHz	Pass	AV	4.96936G	29.16	54.00	-24.84	3	Horizontal	360	1.50
2480MHz	Pass	PK	4.9624G	42.27	74.00	-31.73	3	Horizontal	360	1.50
BT-LE(125kbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3844G	43.98	54.00	-10.02	3	Vertical	51	1.86
2402MHz	Pass	AV	2.402G	99.13	Inf	-Inf	3	Vertical	51	1.86
2402MHz	Pass	PK	2.384G	58.08	74.00	-15.92	3	Vertical	51	1.86
2402MHz	Pass	PK	2.4022G	100.30	Inf	-Inf	3	Vertical	51	1.86
2402MHz	Pass	AV	2.3878G	44.02	54.00	-9.98	3	Horizontal	79	2.06
2402MHz	Pass	AV	2.402G	96.95	Inf	-Inf	3	Horizontal	79	2.06
2402MHz	Pass	PK	2.3846G	57.81	74.00	-16.19	3	Horizontal	79	2.06
2402MHz	Pass	PK	2.4022G	98.12	Inf	-Inf	3	Horizontal	79	2.06
2402MHz	Pass	AV	4.794G	27.65	54.00	-26.35	3	Vertical	360	1.24
2402MHz	Pass	PK	4.79792G	44.10	74.00	-29.90	3	Vertical	360	1.24
2402MHz	Pass	AV	4.81264G	27.43	54.00	-26.57	3	Horizontal	194	1.50
2402MHz	Pass	PK	4.81196G	41.60	74.00	-32.40	3	Horizontal	194	1.50
2440MHz	Pass	AV	2.3892G	44.03	54.00	-9.97	3	Vertical	216	2.06
2440MHz	Pass	AV	2.44G	102.03	Inf	-Inf	3	Vertical	216	2.06
2440MHz	Pass	AV	2.4908G	44.66	54.00	-9.34	3	Vertical	216	2.06
2440MHz	Pass	PK	2.358G	57.71	74.00	-16.29	3	Vertical	216	2.06
2440MHz	Pass	PK	2.44G	103.22	Inf	-Inf	3	Vertical	216	2.06
2440MHz	Pass	PK	2.4964G	58.72	74.00	-15.28	3	Vertical	216	2.06
2440MHz	Pass	AV	2.3856G	44.00	54.00	-10.00	3	Horizontal	78	2.58
2440MHz	Pass	AV	2.44G	95.15	Inf	-Inf	3	Horizontal	78	2.58
2440MHz	Pass	AV	2.498G	44.58	54.00	-9.42	3	Horizontal	78	2.58
2440MHz	Pass	PK	2.3828G	57.56	74.00	-16.44	3	Horizontal	78	2.58
2440MHz	Pass	PK	2.44G	96.40	Inf	-Inf	3	Horizontal	78	2.58
2440MHz	Pass	PK	2.498G	57.75	74.00	-16.25	3	Horizontal	78	2.58
2440MHz	Pass	AV	4.88716G	27.71	54.00	-26.29	3	Vertical	198	1.50
2440MHz	Pass	PK	4.88468G	42.07	74.00	-31.93	3	Vertical	198	1.50
2440MHz	Pass	AV	4.88768G	27.70	54.00	-26.30	3	Horizontal	302	1.50
2440MHz	Pass	PK	4.88772G	42.12	74.00	-31.88	3	Horizontal	302	1.50
2480MHz	Pass	AV	2.48G	102.93	Inf	-Inf	3	Vertical	46	2.45
2480MHz	Pass	AV	2.4908G	44.73	54.00	-9.27	3	Vertical	46	2.45
2480MHz	Pass	PK	2.48G	104.15	Inf	-Inf	3	Vertical	46	2.45
2480MHz	Pass	PK	2.4872G	58.24	74.00	-15.76	3	Vertical	46	2.45
2480MHz	Pass	AV	2.48G	98.80	Inf	-Inf	3	Horizontal	71	2.06
2480MHz	Pass	AV	2.4906G	44.69	54.00	-9.31	3	Horizontal	71	2.06
2480MHz	Pass	PK	2.4802G	99.99	Inf	-Inf	3	Horizontal	71	2.06
2480MHz	Pass	PK	2.494G	57.96	74.00	-16.04	3	Horizontal	71	2.06
2480MHz	Pass	AV	4.9698G	28.30	54.00	-25.70	3	Vertical	218	1.50
2480MHz	Pass	PK	4.96064G	42.64	74.00	-31.36	3	Vertical	218	1.50
2480MHz	Pass	AV	4.95976G	29.31	54.00	-24.69	3	Horizontal	323	2.29
2480MHz	Pass	PK	4.9674G	43.26	74.00	-30.74	3	Horizontal	323	2.29

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
BT-LE(500kbps)	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3858G	44.25	54.00	-9.75	3	Vertical	55	2.09
2402MHz	Pass	AV	2.402G	100.77	Inf	-Inf	3	Vertical	55	2.09
2402MHz	Pass	PK	2.3744G	58.28	74.00	-15.72	3	Vertical	55	2.09
2402MHz	Pass	PK	2.4022G	101.78	Inf	-Inf	3	Vertical	55	2.09
2402MHz	Pass	AV	2.3856G	44.21	54.00	-9.79	3	Horizontal	79	2.30
2402MHz	Pass	AV	2.402G	95.57	Inf	-Inf	3	Horizontal	79	2.30
2402MHz	Pass	PK	2.3804G	57.76	74.00	-16.24	3	Horizontal	79	2.30
2402MHz	Pass	PK	2.4022G	96.81	Inf	-Inf	3	Horizontal	79	2.30
2402MHz	Pass	AV	4.79832G	28.00	54.00	-26.00	3	Vertical	8	1.08
2402MHz	Pass	PK	4.79552G	46.65	74.00	-27.35	3	Vertical	8	1.08
2402MHz	Pass	AV	4.81356G	27.65	54.00	-26.35	3	Horizontal	126	1.50
2402MHz	Pass	PK	4.81356G	42.28	74.00	-31.72	3	Horizontal	126	1.50
2440MHz	Pass	AV	2.3796G	44.24	54.00	-9.76	3	Vertical	218	2.07
2440MHz	Pass	AV	2.44G	101.68	Inf	-Inf	3	Vertical	218	2.07
2440MHz	Pass	AV	2.4952G	44.84	54.00	-9.16	3	Vertical	218	2.07
2440MHz	Pass	PK	2.3852G	57.91	74.00	-16.09	3	Vertical	218	2.07
2440MHz	Pass	PK	2.44G	102.79	Inf	-Inf	3	Vertical	218	2.07
2440MHz	Pass	PK	2.4964G	57.61	74.00	-16.39	3	Vertical	218	2.07
2440MHz	Pass	AV	2.3892G	44.24	54.00	-9.76	3	Horizontal	78	2.31
2440MHz	Pass	AV	2.44G	96.56	Inf	-Inf	3	Horizontal	78	2.31
2440MHz	Pass	AV	2.4848G	44.84	54.00	-9.16	3	Horizontal	78	2.31
2440MHz	Pass	PK	2.3788G	57.93	74.00	-16.07	3	Horizontal	78	2.31
2440MHz	Pass	PK	2.44G	97.72	Inf	-Inf	3	Horizontal	78	2.31
2440MHz	Pass	PK	2.4868G	57.82	74.00	-16.18	3	Horizontal	78	2.31
2440MHz	Pass	AV	4.88996G	28.07	54.00	-25.93	3	Vertical	24	3.00
2440MHz	Pass	PK	4.875G	42.01	74.00	-31.99	3	Vertical	24	3.00
2440MHz	Pass	AV	4.8854G	28.00	54.00	-26.00	3	Horizontal	360	1.50
2440MHz	Pass	PK	4.88612G	41.37	74.00	-32.63	3	Horizontal	360	1.50
2480MHz	Pass	AV	2.48G	103.40	Inf	-Inf	3	Vertical	42	1.86
2480MHz	Pass	AV	2.4835G	45.04	54.00	-8.96	3	Vertical	42	1.86
2480MHz	Pass	PK	2.48G	104.81	Inf	-Inf	3	Vertical	42	1.86
2480MHz	Pass	PK	2.4884G	57.98	74.00	-16.02	3	Vertical	42	1.86
2480MHz	Pass	AV	2.48G	99.14	Inf	-Inf	3	Horizontal	73	2.05
2480MHz	Pass	AV	2.4922G	44.92	54.00	-9.08	3	Horizontal	73	2.05
2480MHz	Pass	PK	2.48G	100.36	Inf	-Inf	3	Horizontal	73	2.05
2480MHz	Pass	PK	2.4972G	57.97	74.00	-16.03	3	Horizontal	73	2.05
2480MHz	Pass	AV	4.96788G	28.52	54.00	-25.48	3	Vertical	174	1.50
2480MHz	Pass	PK	4.96584G	41.89	74.00	-32.11	3	Vertical	174	1.50
2480MHz	Pass	AV	4.96656G	28.53	54.00	-25.47	3	Horizontal	336	1.50
2480MHz	Pass	PK	4.9628G	41.92	74.00	-32.08	3	Horizontal	336	1.50

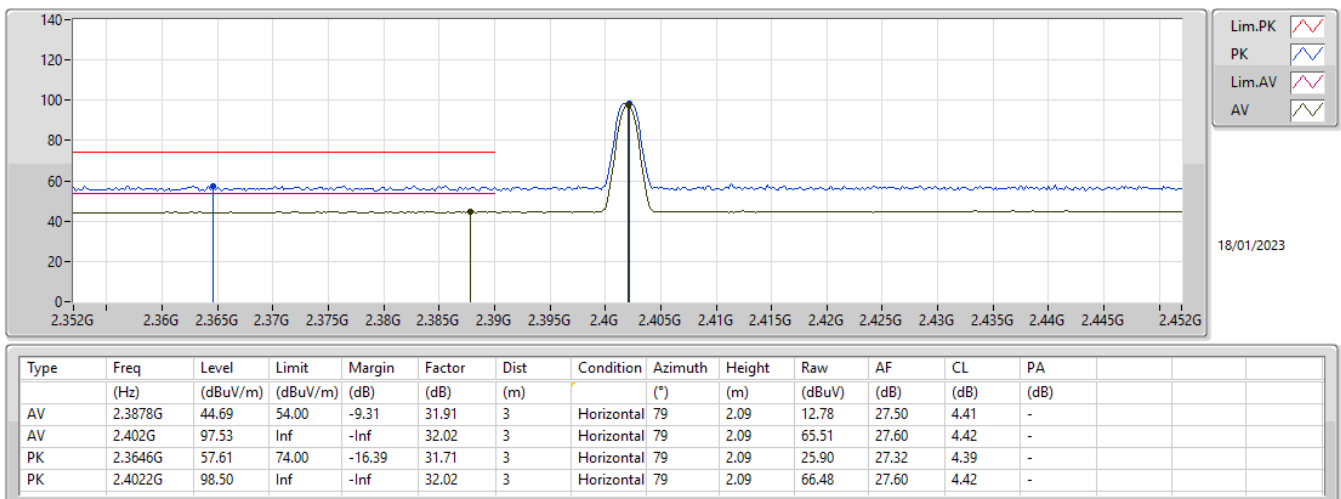
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2402MHz_TX



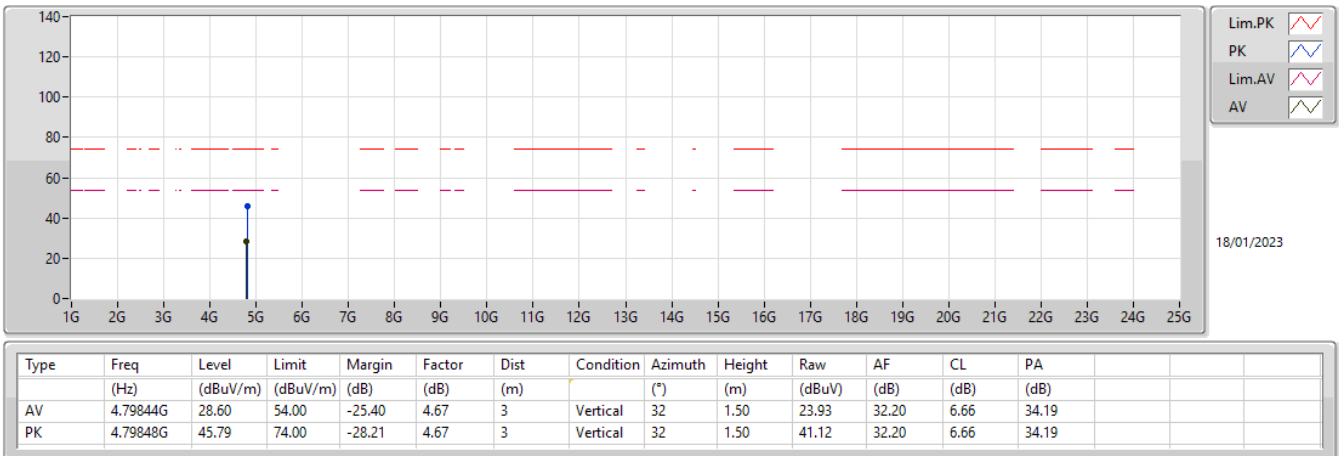
2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX



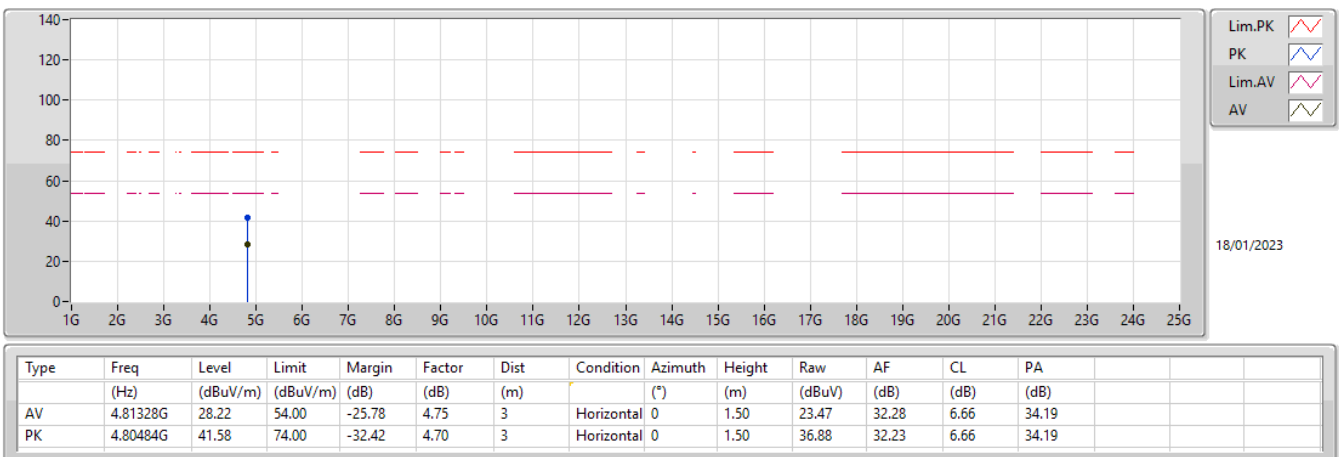
2.4-2.4835GHz_BT-LE(1Mbps)

2402MHz_TX



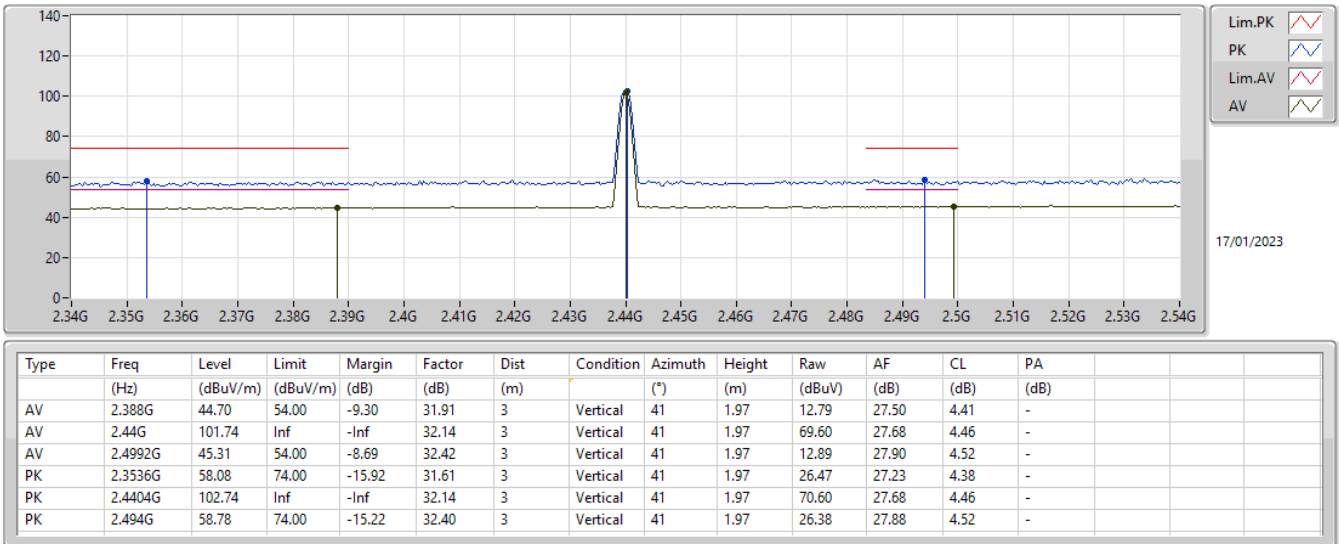
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2402MHz_TX



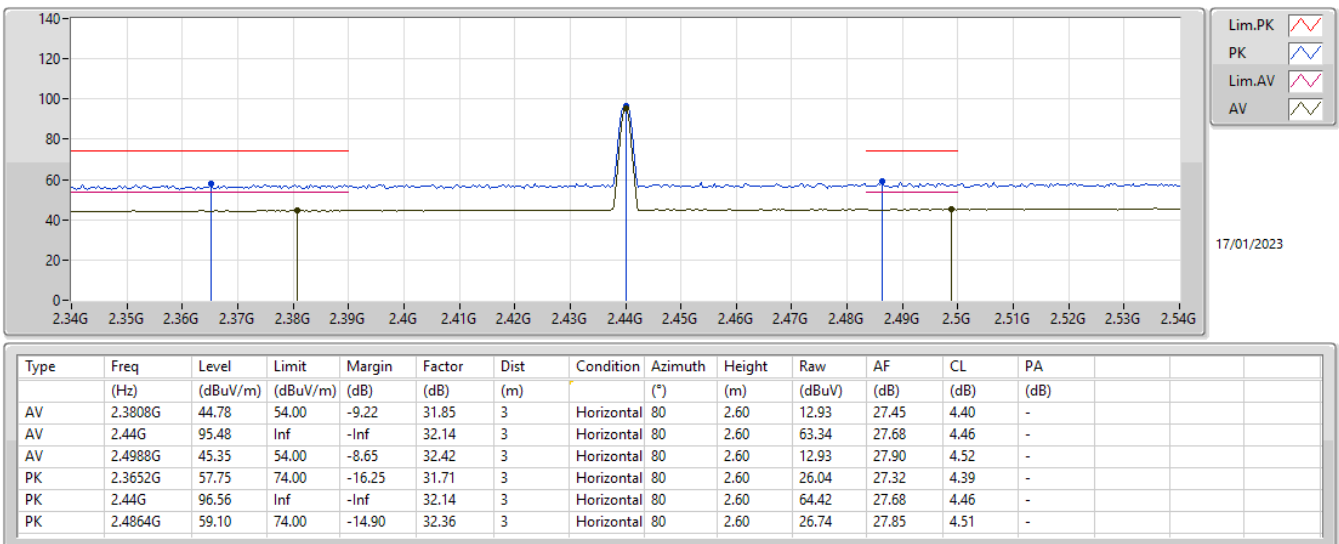
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2440MHz_TX



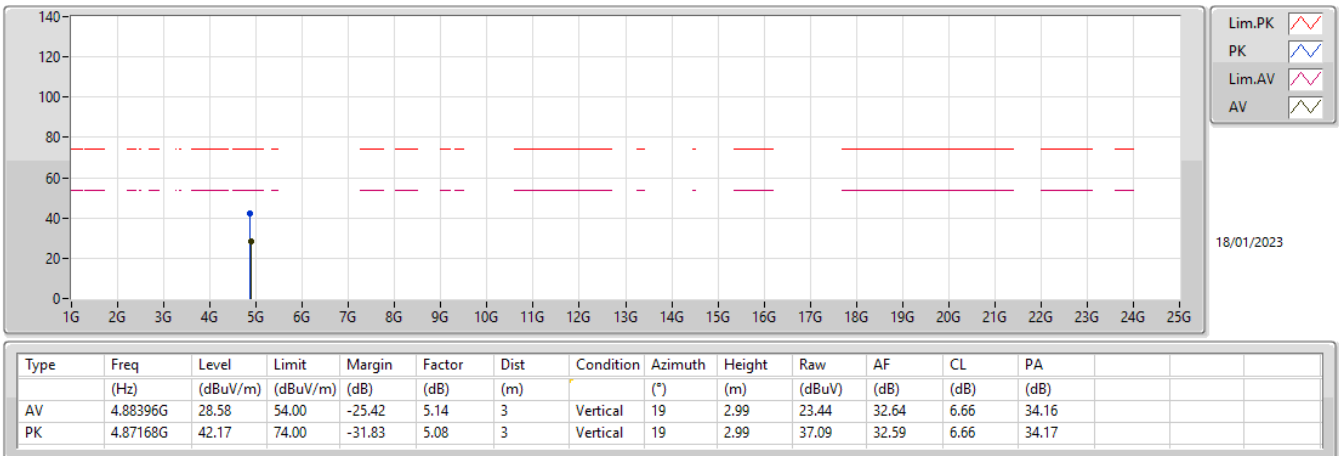
2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX



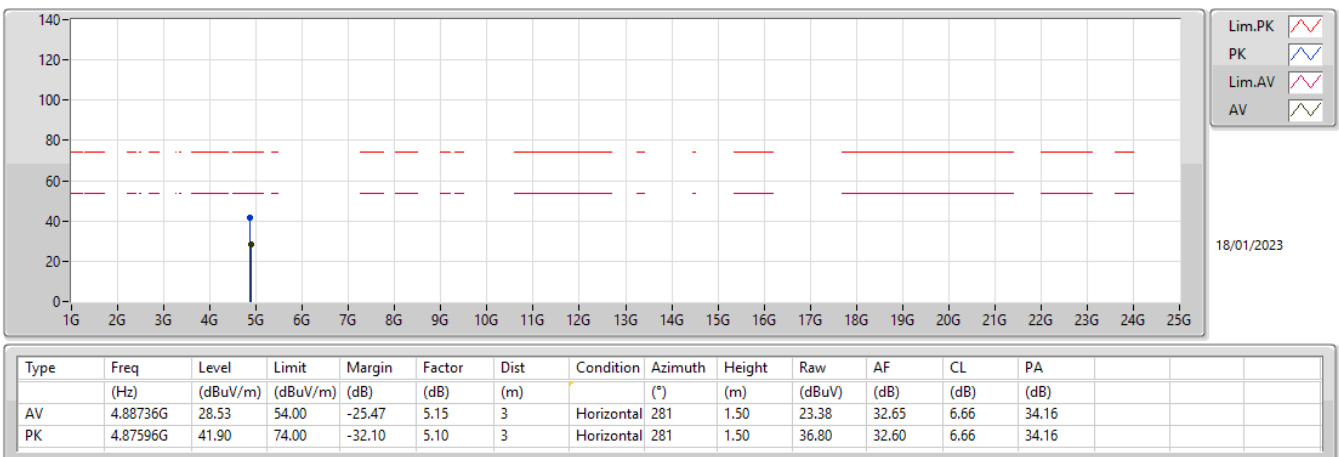
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2440MHz_TX



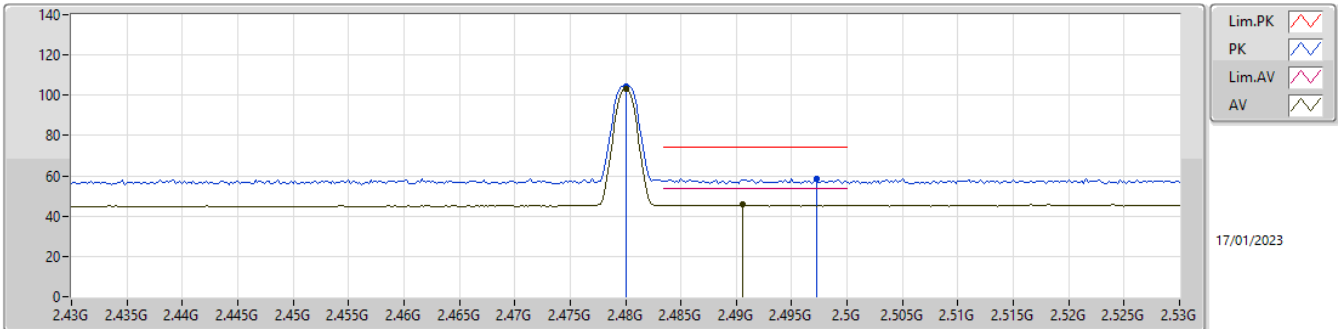
2.4-2.4835GHz_BT-LE(1Mbps)

2440MHz_TX



2.4-2.4835GHz_BT-LE(1Mbps)

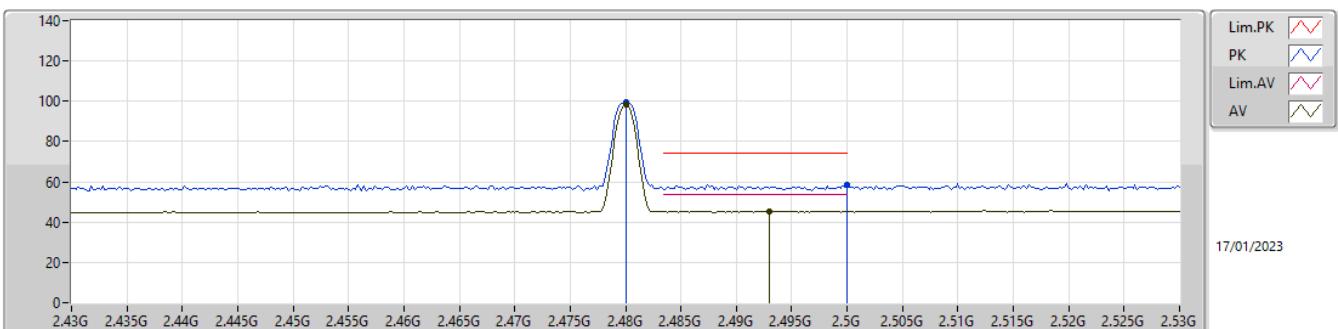
2480MHz_TX



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)
AV	2.48G	103.43	Inf	-Inf	32.32	3	Vertical	44	1.98	71.11	27.82	4.50	-
AV	2.4906G	45.57	54.00	-8.43	32.38	3	Vertical	44	1.98	13.19	27.86	4.52	-
PK	2.48G	104.47	Inf	-Inf	32.32	3	Vertical	44	1.98	72.15	27.82	4.50	-
PK	2.4972G	58.65	74.00	-15.35	32.41	3	Vertical	44	1.98	26.24	27.89	4.52	-

2.4-2.4835GHz_BT-LE(1Mbps)

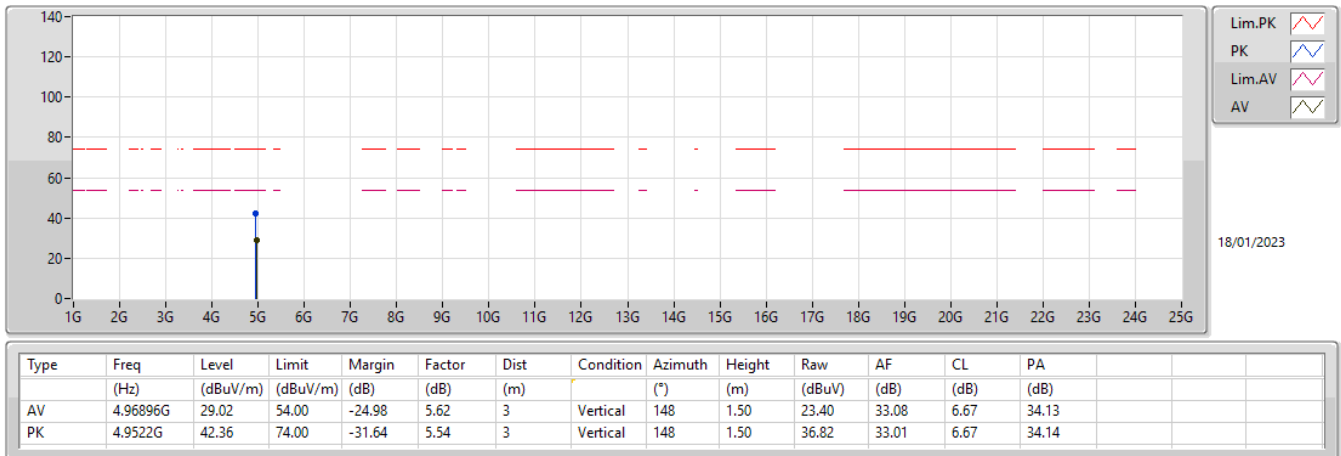
2480MHz_TX



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)
AV	2.48G	98.27	Inf	-Inf	32.32	3	Horizontal	71	1.91	65.95	27.82	4.50	-
AV	2.493G	45.46	54.00	-8.54	32.39	3	Horizontal	71	1.91	13.07	27.87	4.52	-
PK	2.48G	99.30	Inf	-Inf	32.32	3	Horizontal	71	1.91	66.98	27.82	4.50	-
PK	2.5G	58.72	74.00	-15.28	32.43	3	Horizontal	71	1.91	26.29	27.90	4.53	-

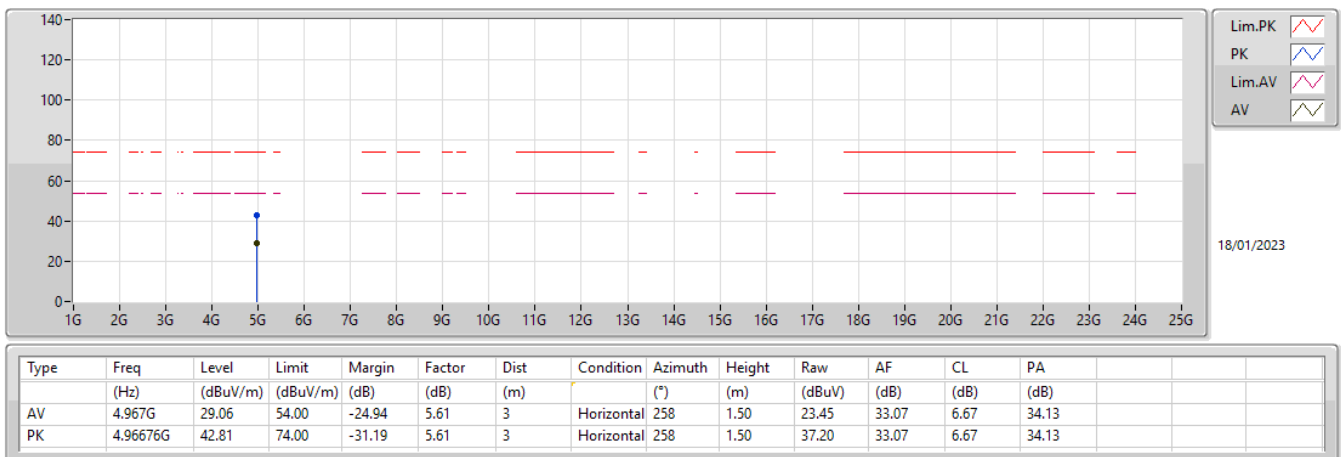
2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX



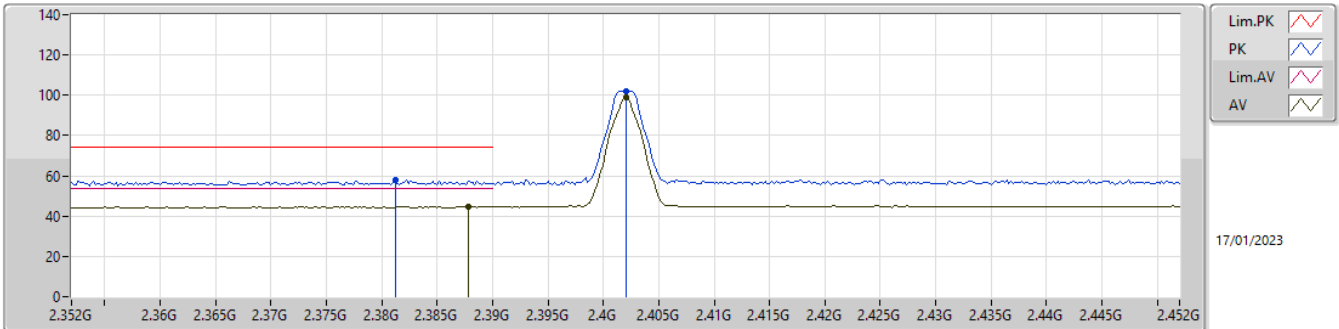
2.4-2.4835GHz_BT-LE(1Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-LE(2Mbps)

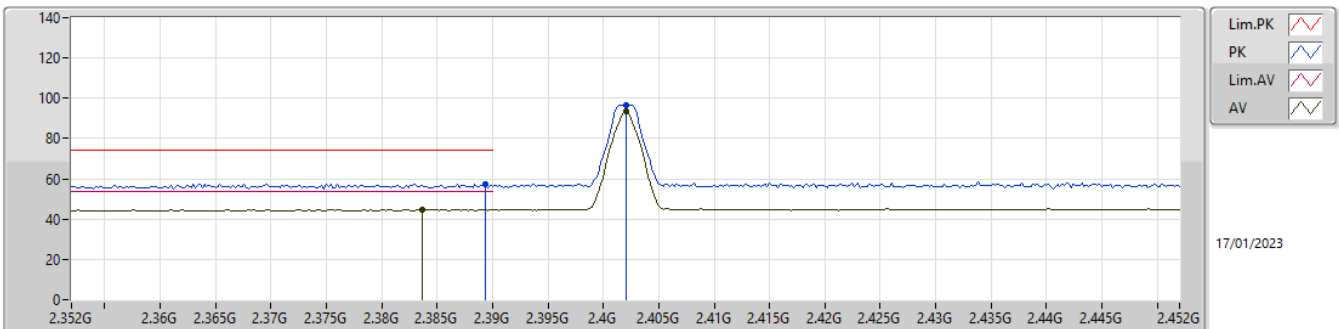
2402MHz_TX



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	2.3878G	44.93	54.00	-9.07	31.91	3	Vertical	54	2.07	13.02	27.50	4.41	-
AV	2.402G	98.89	Inf	-Inf	32.02	3	Vertical	54	2.07	66.87	27.60	4.42	-
PK	2.3812G	58.02	74.00	-15.98	31.85	3	Vertical	54	2.07	26.17	27.45	4.40	-
PK	2.402G	101.96	Inf	-Inf	32.02	3	Vertical	54	2.07	69.94	27.60	4.42	-

2.4-2.4835GHz_BT-LE(2Mbps)

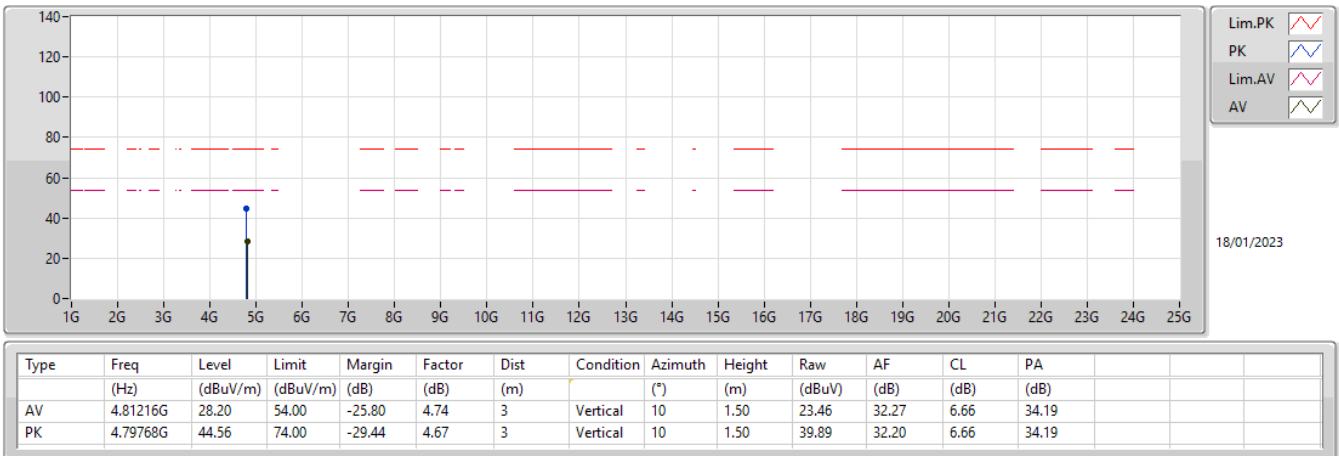
2402MHz_TX



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	2.3836G	44.79	54.00	-9.21	31.88	3	Horizontal	79	1.81	12.91	27.47	4.41	-
AV	2.402G	93.61	Inf	-Inf	32.02	3	Horizontal	79	1.81	61.59	27.60	4.42	-
PK	2.3894G	57.58	74.00	-16.42	31.93	3	Horizontal	79	1.81	25.65	27.52	4.41	-
PK	2.402G	96.61	Inf	-Inf	32.02	3	Horizontal	79	1.81	64.59	27.60	4.42	-

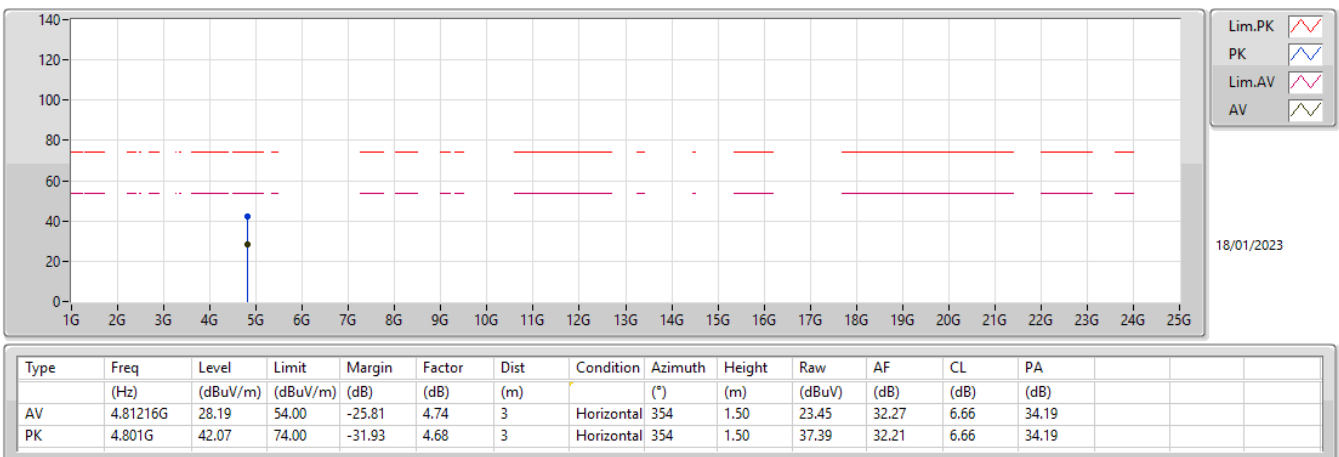
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2402MHz_TX



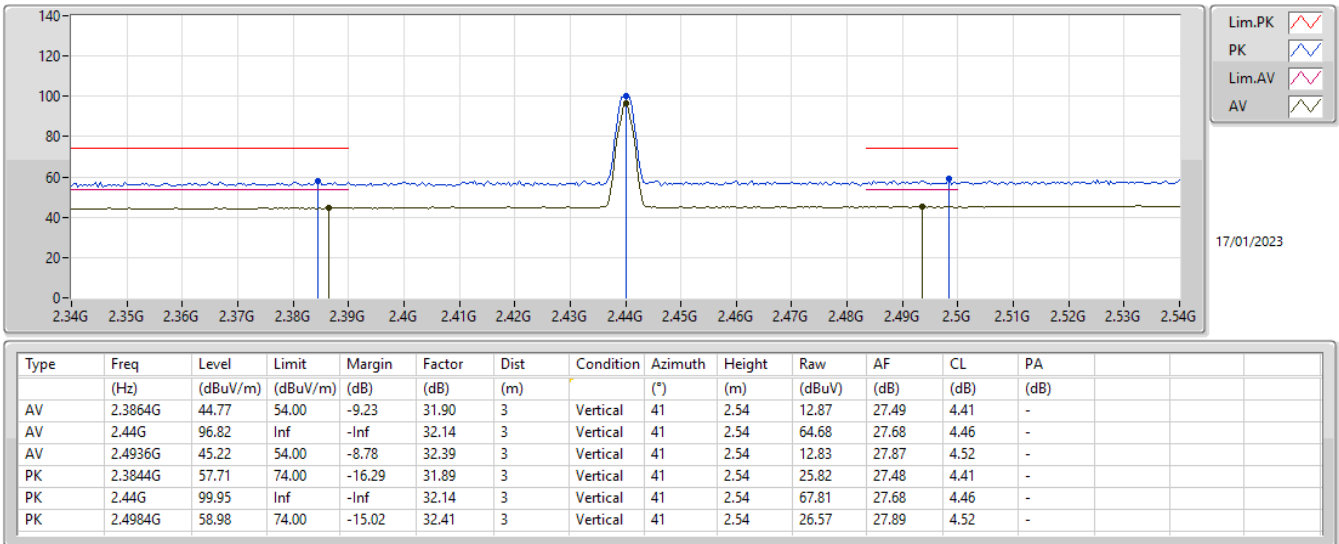
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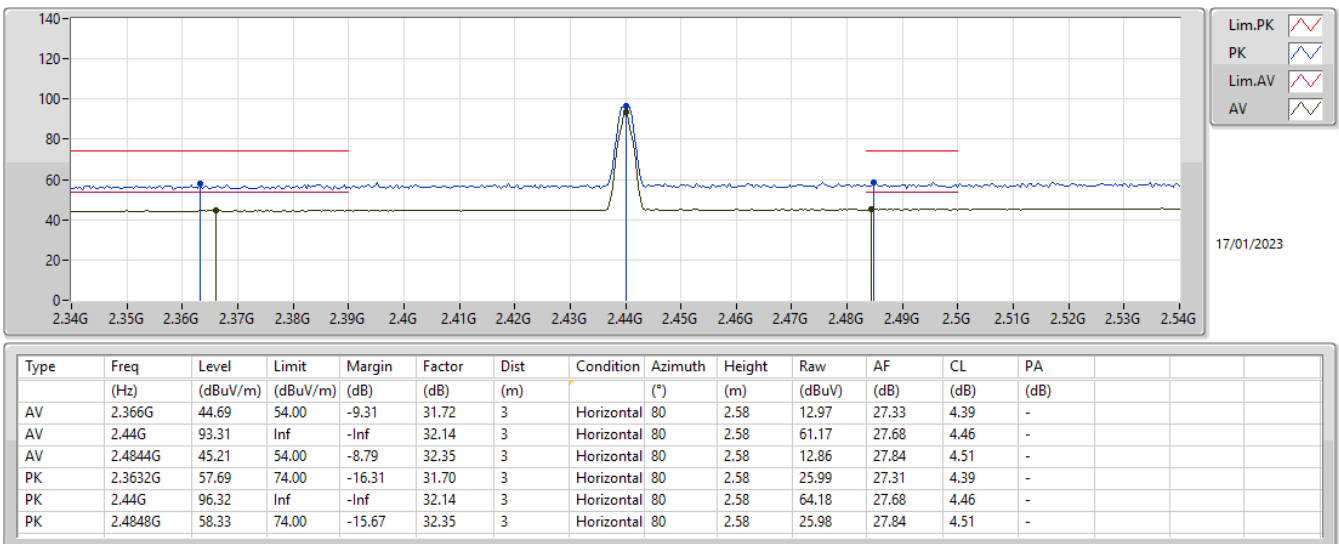
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2440MHz_TX



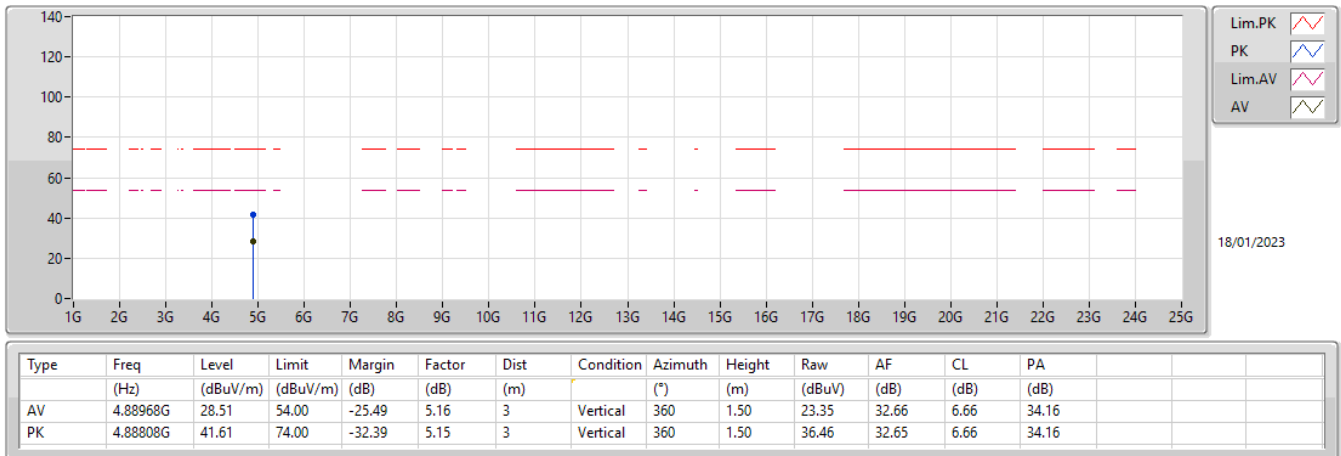
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2440MHz_TX



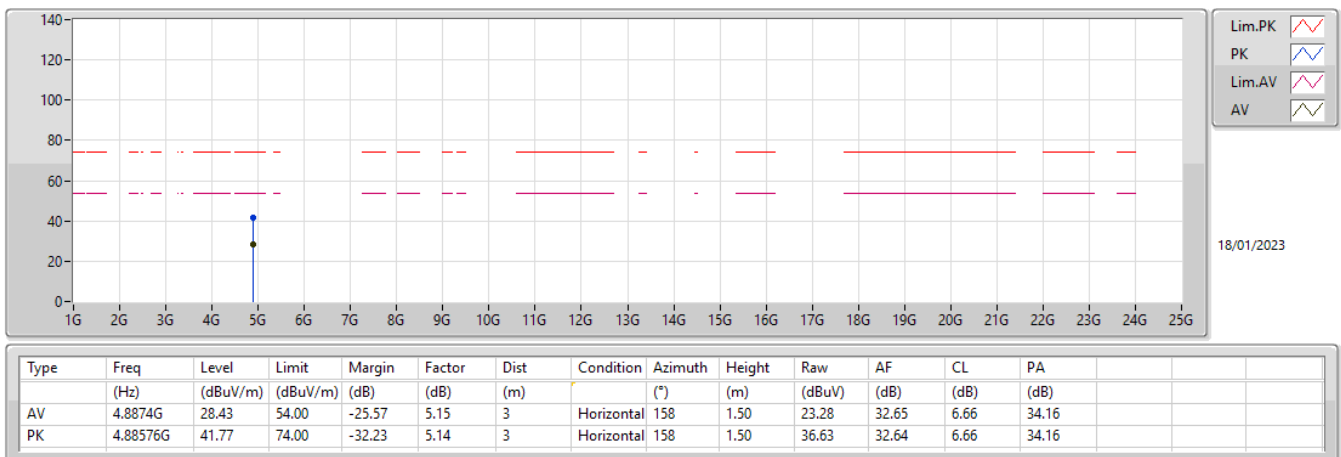
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2440MHz_TX



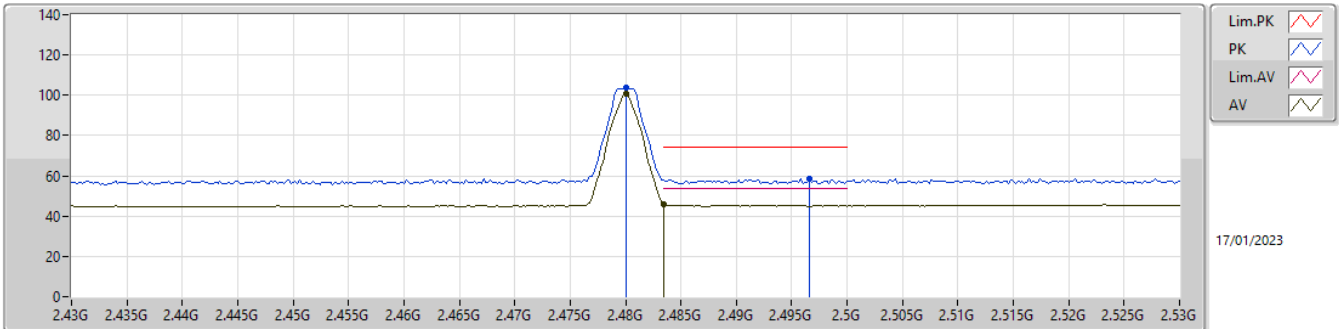
2.4-2.4835GHz_BT-LE(2Mbps)

2440MHz_TX



2.4-2.4835GHz_BT-LE(2Mbps)

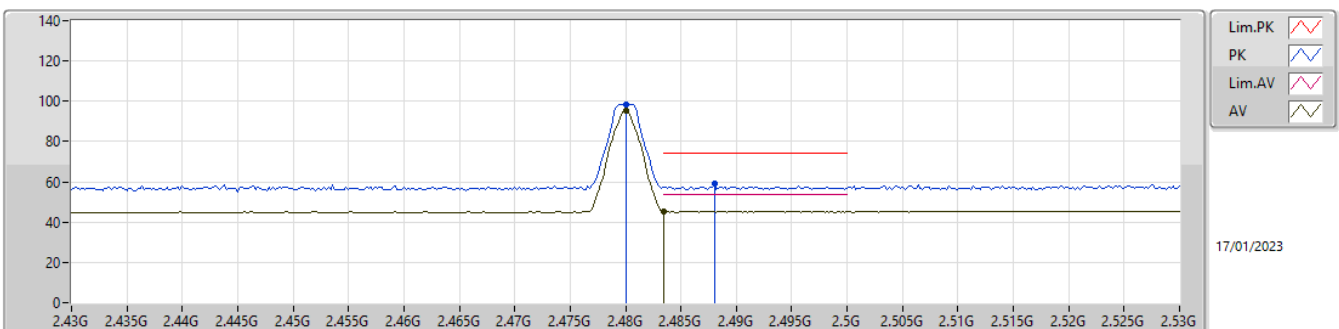
2480MHz_TX



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	2.48G	100.58	Inf	-Inf	32.32	3	Vertical	42	1.82	68.26	27.82	4.50	-
AV	2.4835G	45.76	54.00	-8.24	32.34	3	Vertical	42	1.82	13.42	27.83	4.51	-
PK	2.48G	103.66	Inf	-Inf	32.32	3	Vertical	42	1.82	71.34	27.82	4.50	-
PK	2.4966G	58.61	74.00	-15.39	32.41	3	Vertical	42	1.82	26.20	27.89	4.52	-

2.4-2.4835GHz_BT-LE(2Mbps)

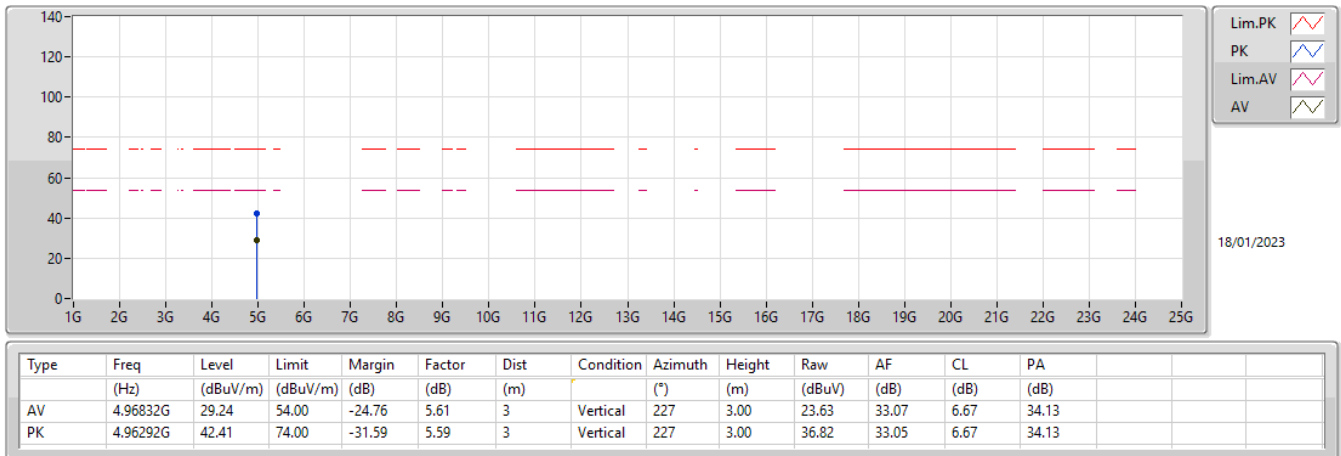
2480MHz_TX



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	2.48G	95.57	Inf	-Inf	32.32	3	Horizontal	71	1.92	63.25	27.82	4.50	-
AV	2.4835G	45.31	54.00	-8.69	32.34	3	Horizontal	71	1.92	12.97	27.83	4.51	-
PK	2.48G	98.60	Inf	-Inf	32.32	3	Horizontal	71	1.92	66.28	27.82	4.50	-
PK	2.488G	58.90	74.00	-15.10	32.36	3	Horizontal	71	1.92	26.54	27.85	4.51	-

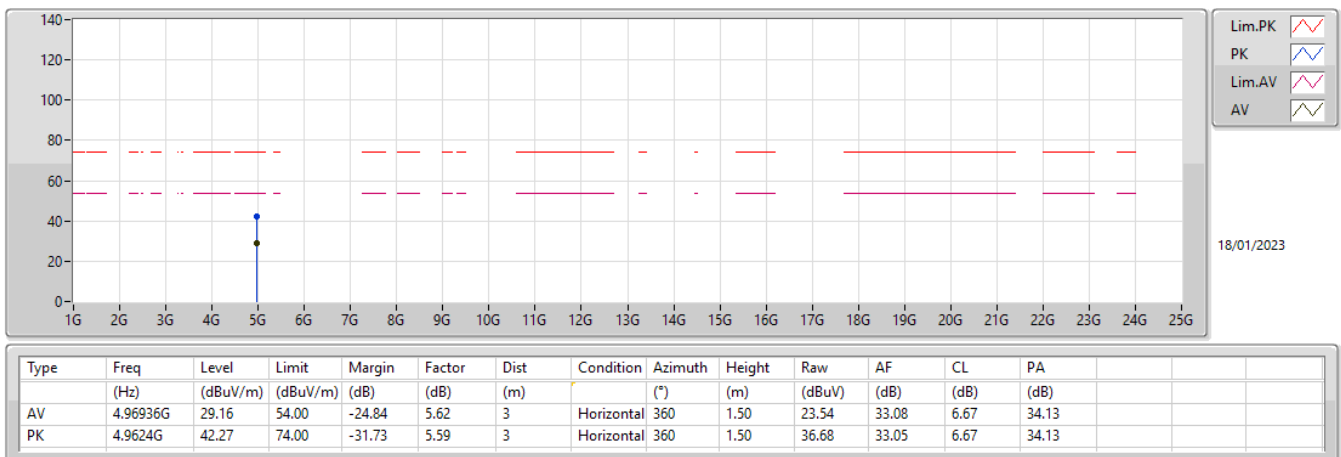
2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



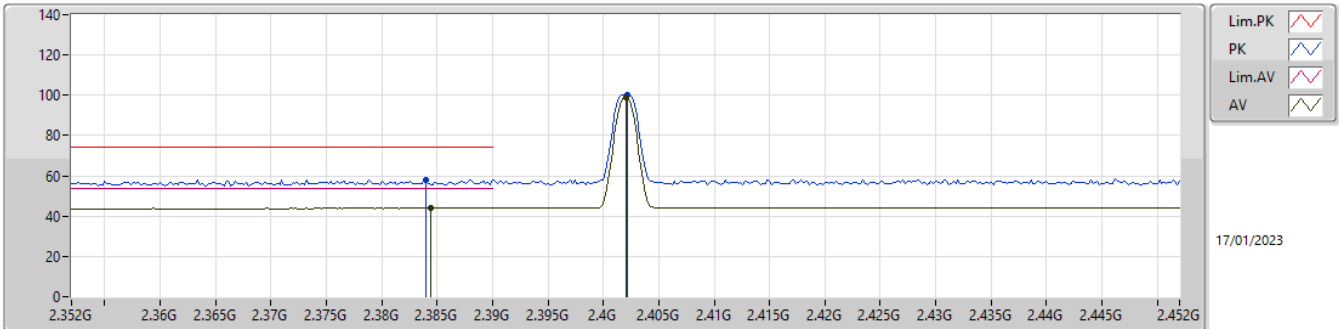
2.4-2.4835GHz_BT-LE(2Mbps)

2480MHz_TX



2.4-2.4835GHz_BT-LE(125kbps)

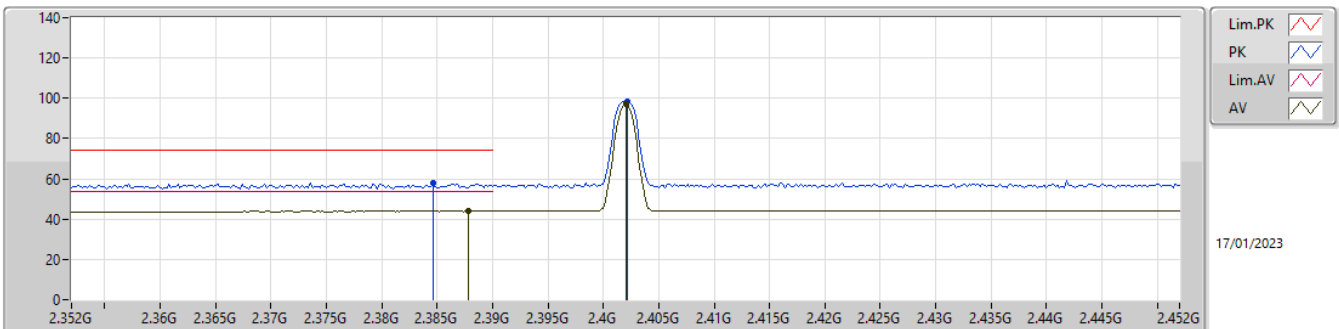
2402MHz_TX



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	2.3844G	43.98	54.00	-10.02	31.89	3	Vertical	51	1.86	12.09	27.48	4.41	-
AV	2.402G	99.13	Inf	-Inf	32.02	3	Vertical	51	1.86	67.11	27.60	4.42	-
PK	2.384G	58.08	74.00	-15.92	31.88	3	Vertical	51	1.86	26.20	27.47	4.41	-
PK	2.402G	100.30	Inf	-Inf	32.02	3	Vertical	51	1.86	68.28	27.60	4.42	-

2.4-2.4835GHz_BT-LE(125kbps)

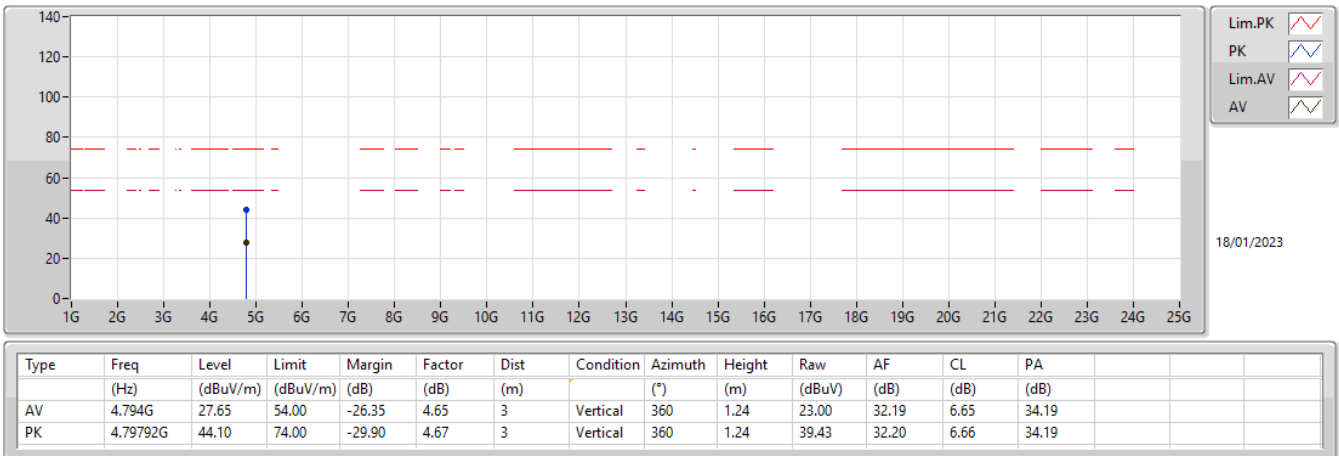
2402MHz_TX



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	2.3878G	44.02	54.00	-9.98	31.91	3	Horizontal	79	2.06	12.11	27.50	4.41	-
AV	2.402G	96.95	Inf	-Inf	32.02	3	Horizontal	79	2.06	64.93	27.60	4.42	-
PK	2.3846G	57.81	74.00	-16.19	31.89	3	Horizontal	79	2.06	25.92	27.48	4.41	-
PK	2.402G	98.12	Inf	-Inf	32.02	3	Horizontal	79	2.06	66.10	27.60	4.42	-

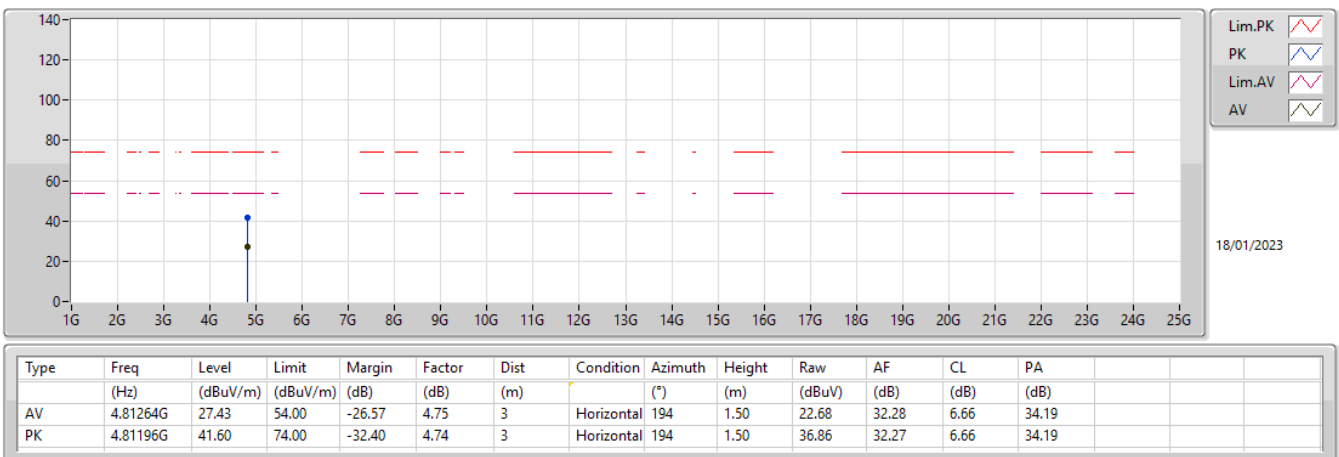
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2402MHz_TX



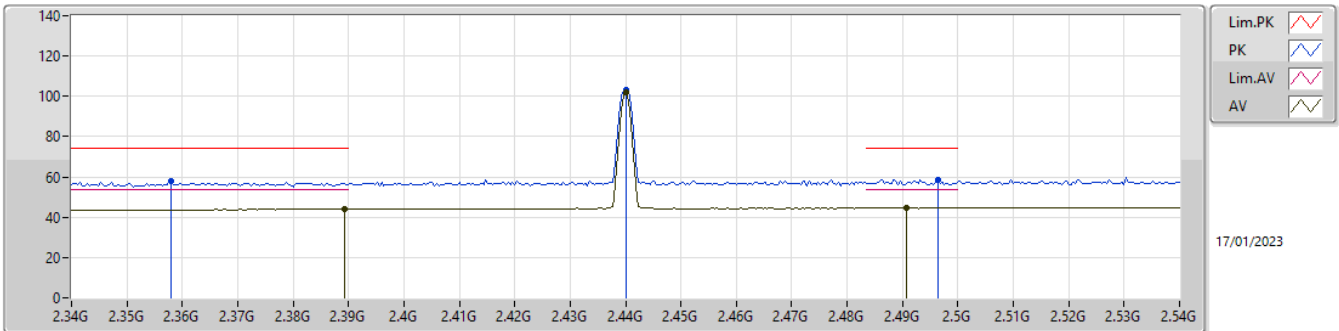
2.4-2.4835GHz_BT-LE(125kbps)

2402MHz_TX



2.4-2.4835GHz_BT-LE(125kbps)

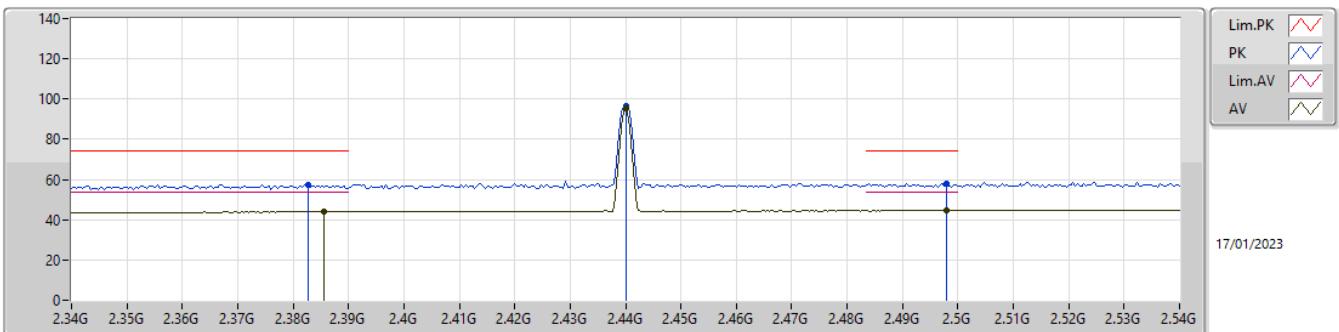
2440MHz_TX



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	2.3892G	44.03	54.00	-9.97	31.92	3	Vertical	216	2.06	12.11	27.51	4.41	-
AV	2.44G	102.03	Inf	-Inf	32.14	3	Vertical	216	2.06	69.89	27.68	4.46	-
AV	2.4908G	44.66	54.00	-9.34	32.38	3	Vertical	216	2.06	12.28	27.86	4.52	-
PK	2.358G	57.71	74.00	-16.29	31.64	3	Vertical	216	2.06	26.07	27.26	4.38	-
PK	2.44G	103.22	Inf	-Inf	32.14	3	Vertical	216	2.06	71.08	27.68	4.46	-
PK	2.4964G	58.72	74.00	-15.28	32.41	3	Vertical	216	2.06	26.31	27.89	4.52	-

2.4-2.4835GHz_BT-LE(125kbps)

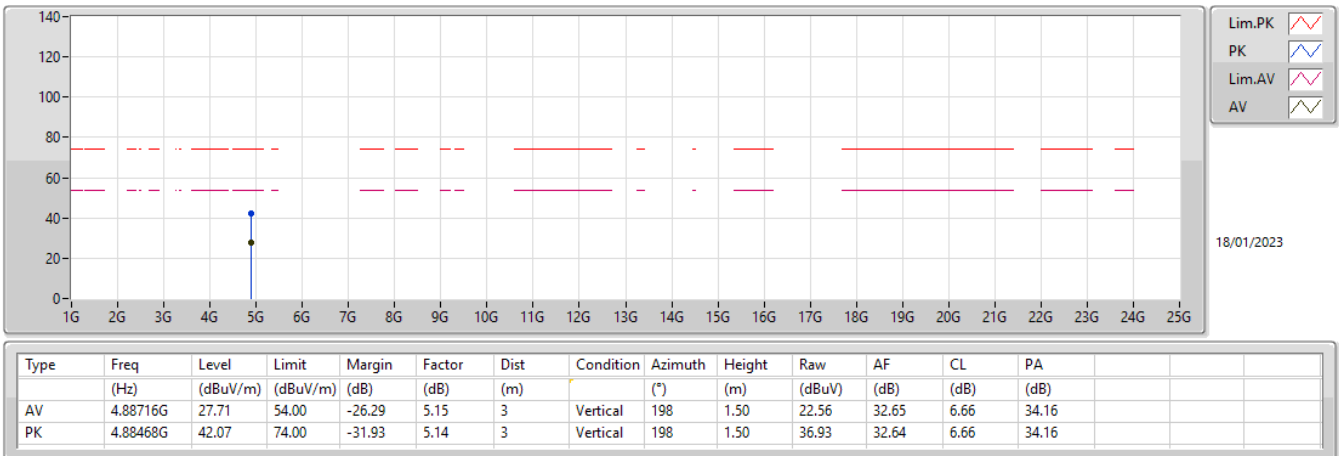
2440MHz_TX



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	2.3856G	44.00	54.00	-10.00	31.89	3	Horizontal	78	2.58	12.11	27.48	4.41	-
AV	2.44G	95.15	Inf	-Inf	32.14	3	Horizontal	78	2.58	63.01	27.68	4.46	-
AV	2.498G	44.58	54.00	-9.42	32.41	3	Horizontal	78	2.58	12.17	27.89	4.52	-
PK	2.3828G	57.56	74.00	-16.44	31.86	3	Horizontal	78	2.58	25.70	27.46	4.40	-
PK	2.44G	96.40	Inf	-Inf	32.14	3	Horizontal	78	2.58	64.26	27.68	4.46	-
PK	2.498G	57.75	74.00	-16.25	32.41	3	Horizontal	78	2.58	25.34	27.89	4.52	-

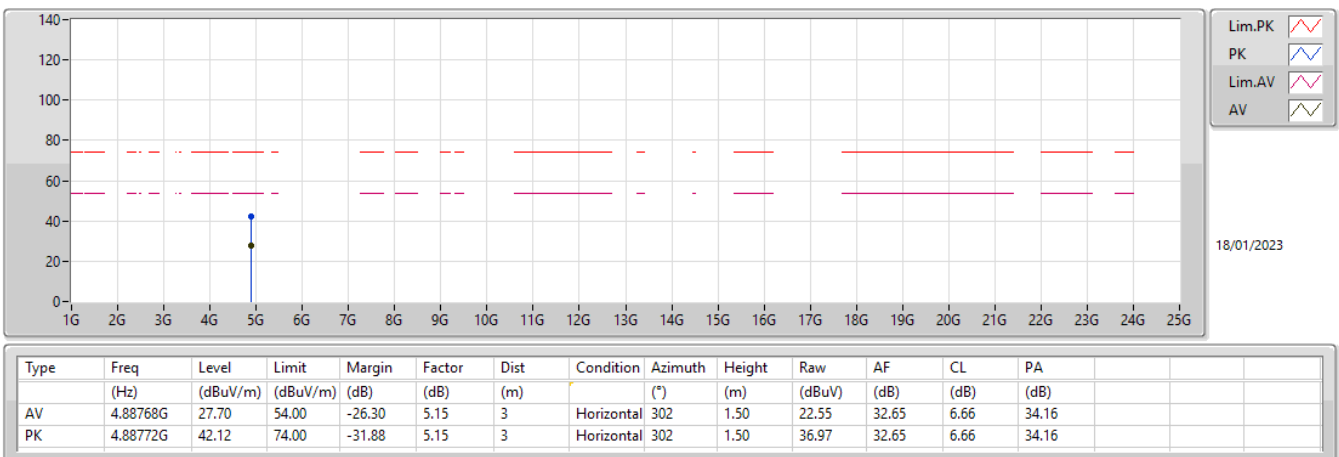
2.4-2.4835GHz_BT-LE(125kbps)

2440MHz_TX



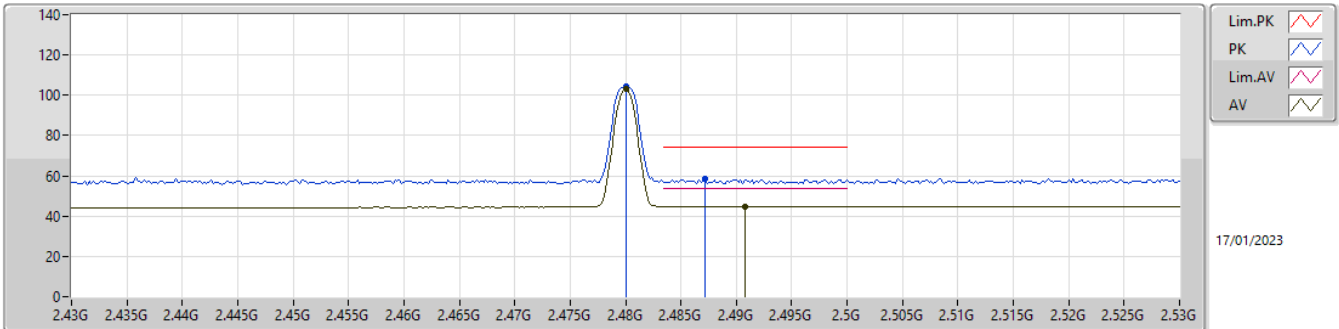
2.4-2.4835GHz_BT-LE(125kbps)

2440MHz_TX



2.4-2.4835GHz_BT-LE(125kbps)

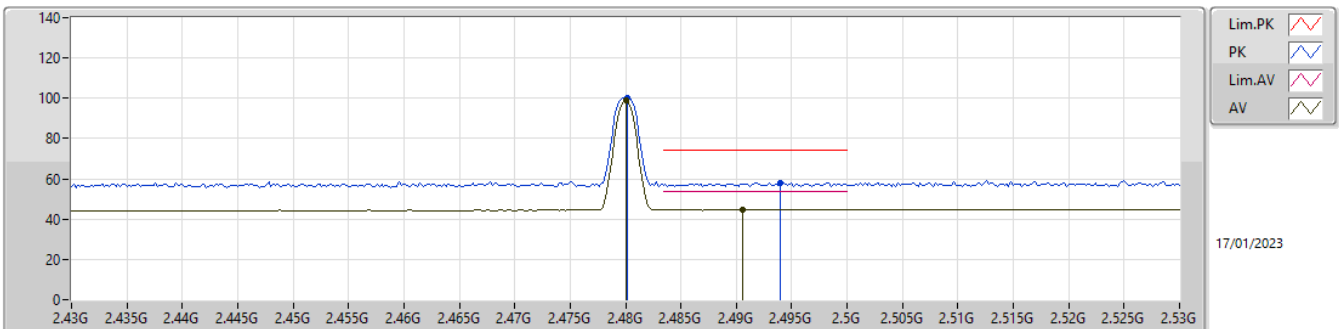
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.48G	102.93	Inf	-Inf	32.32	3	Vertical	46	2.45	70.61	27.82	4.50	-
AV	2.4908G	44.73	54.00	-9.27	32.38	3	Vertical	46	2.45	12.35	27.86	4.52	-
PK	2.48G	104.15	Inf	-Inf	32.32	3	Vertical	46	2.45	71.83	27.82	4.50	-
PK	2.4872G	58.24	74.00	-15.76	32.36	3	Vertical	46	2.45	25.88	27.85	4.51	-

2.4-2.4835GHz_BT-LE(125kbps)

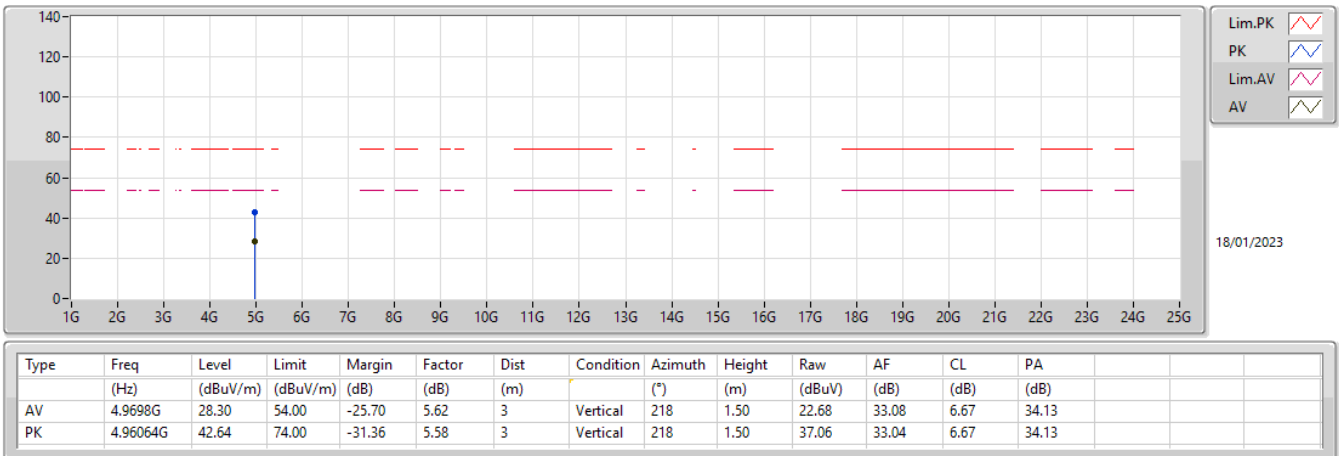
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.48G	98.80	Inf	-Inf	32.32	3	Horizontal	71	2.06	66.48	27.82	4.50	-
AV	2.4906G	44.69	54.00	-9.31	32.38	3	Horizontal	71	2.06	12.31	27.86	4.52	-
PK	2.4802G	99.99	Inf	-Inf	32.32	3	Horizontal	71	2.06	67.67	27.82	4.50	-
PK	2.494G	57.96	74.00	-16.04	32.40	3	Horizontal	71	2.06	25.56	27.88	4.52	-

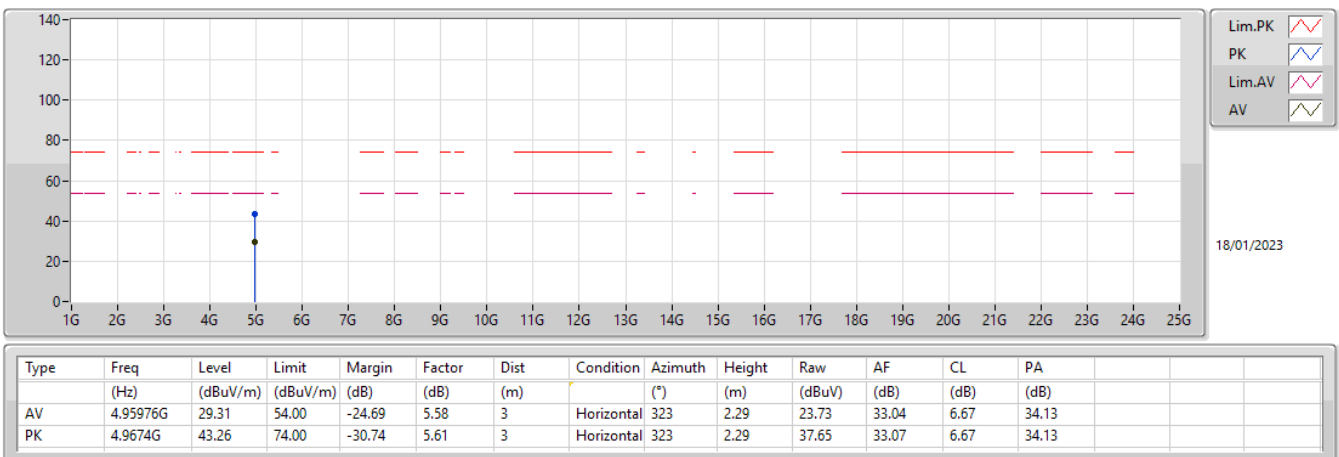
2.4-2.4835GHz_BT-LE(125kbps)

2480MHz_TX



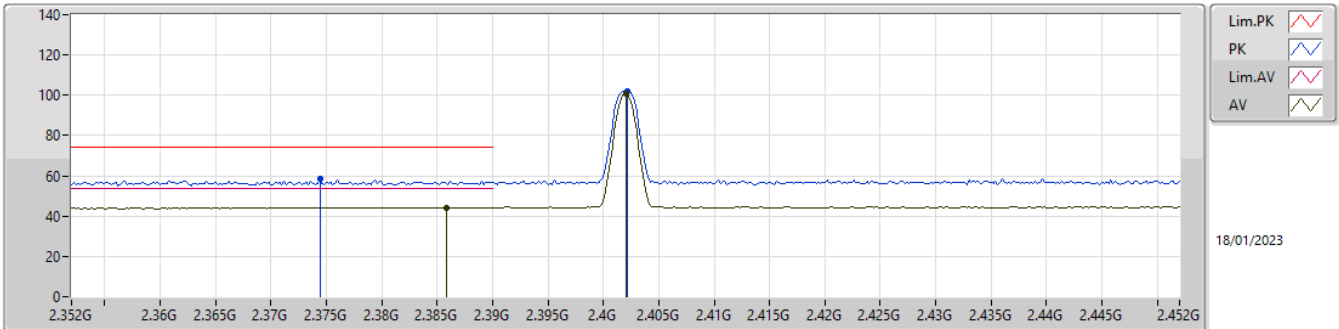
2.4-2.4835GHz_BT-LE(125kbps)

2480MHz_TX



2.4-2.4835GHz_BT-LE(500kbps)

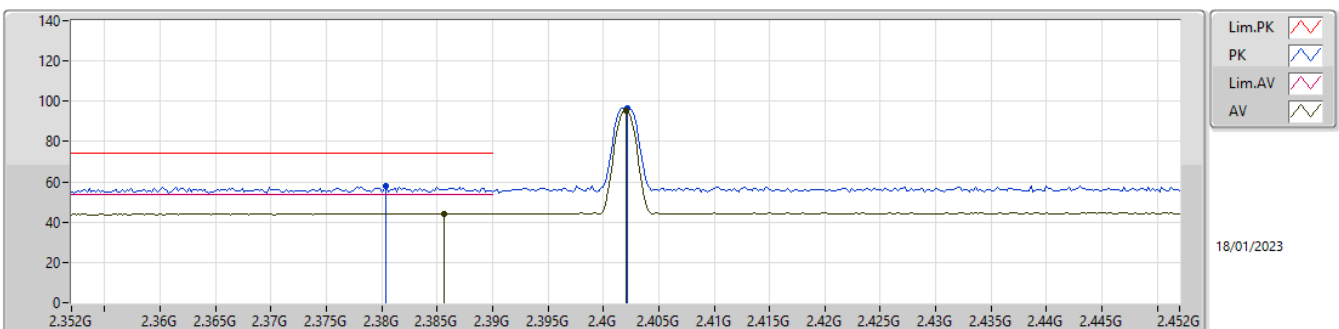
2402MHz_TX



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	2.3858G	44.25	54.00	-9.75	31.90	3	Vertical	55	2.09	12.35	27.49	4.41	-
AV	2.402G	100.77	Inf	-Inf	32.02	3	Vertical	55	2.09	68.75	27.60	4.42	-
PK	2.3744G	58.28	74.00	-15.72	31.80	3	Vertical	55	2.09	26.48	27.40	4.40	-
PK	2.4022G	101.78	Inf	-Inf	32.02	3	Vertical	55	2.09	69.76	27.60	4.42	-

2.4-2.4835GHz_BT-LE(500kbps)

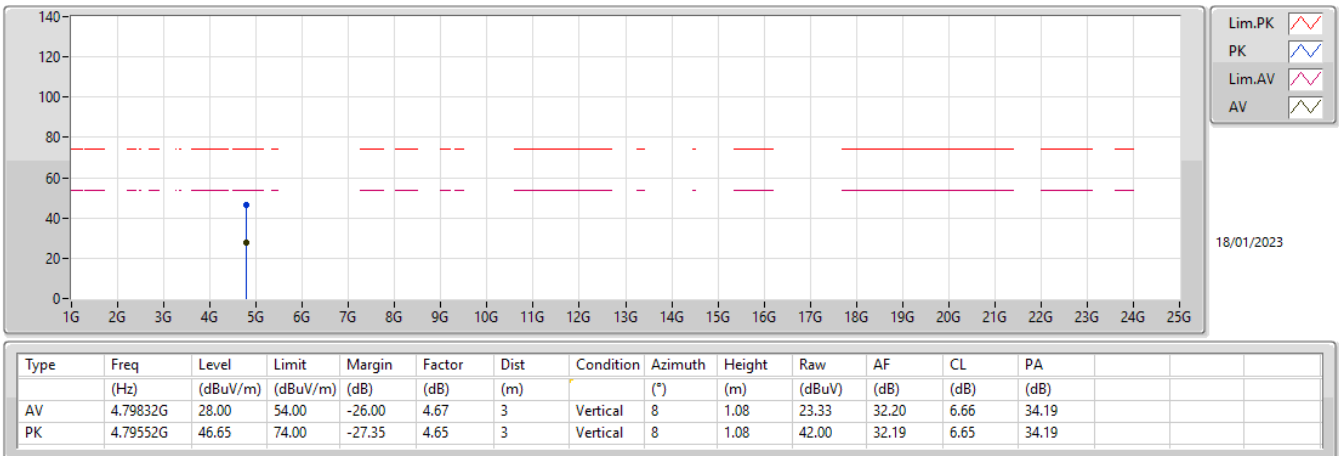
2402MHz_TX



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	2.3856G	44.21	54.00	-9.79	31.89	3	Horizontal	79	2.30	12.32	27.48	4.41	-
AV	2.402G	95.57	Inf	-Inf	32.02	3	Horizontal	79	2.30	63.55	27.60	4.42	-
PK	2.3804G	57.76	74.00	-16.24	31.84	3	Horizontal	79	2.30	25.92	27.44	4.40	-
PK	2.4022G	96.81	Inf	-Inf	32.02	3	Horizontal	79	2.30	64.79	27.60	4.42	-

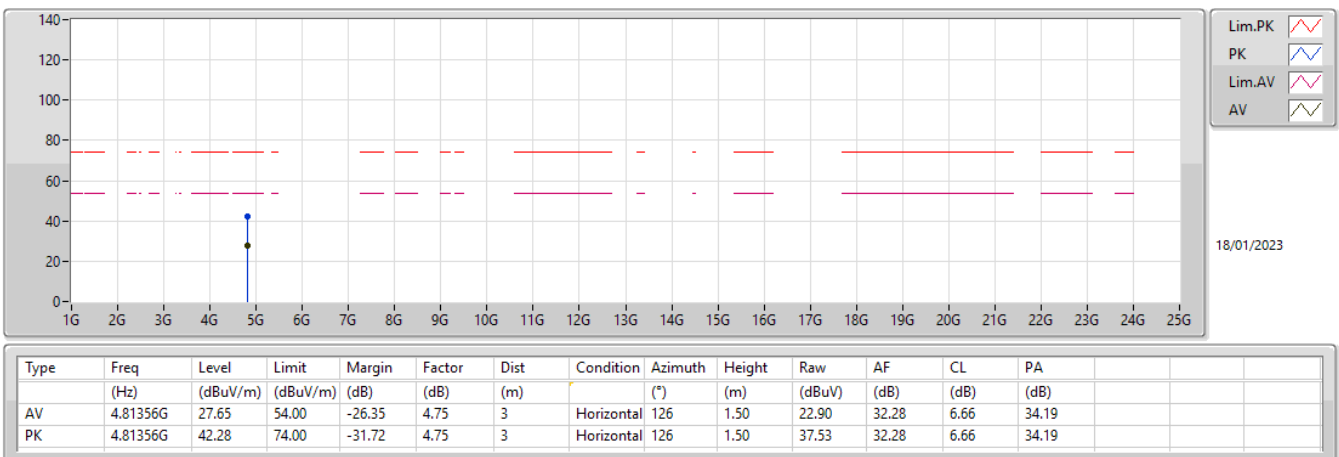
2.4-2.4835GHz_BT-LE(500kbps)

2402MHz_TX



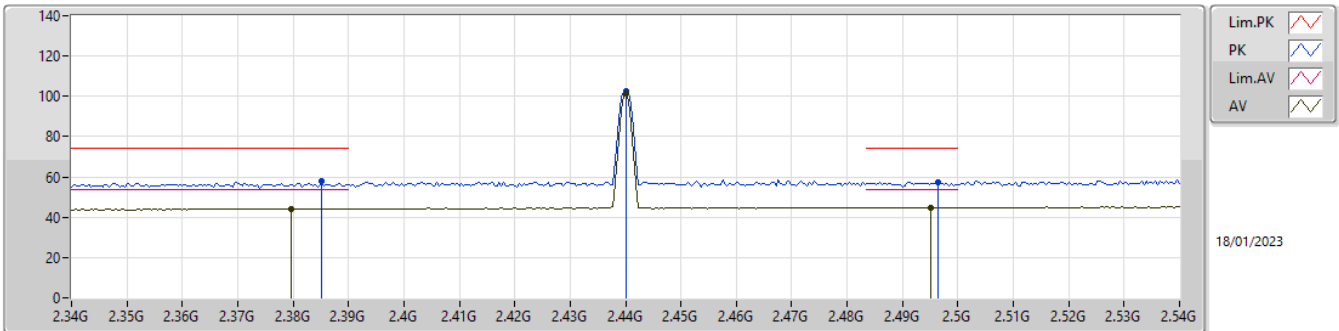
2.4-2.4835GHz_BT-LE(500kbps)

2402MHz_TX



2.4-2.4835GHz_BT-LE(500kbps)

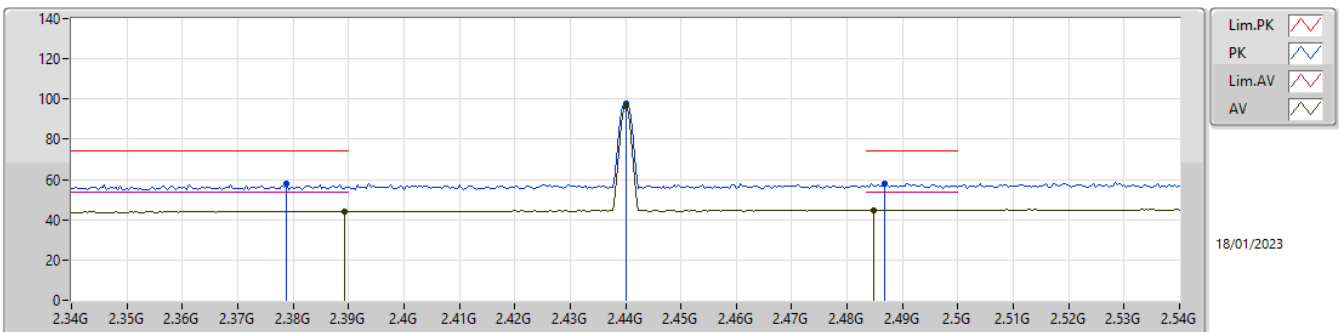
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	2.3796G	44.24	54.00	-9.76	31.84	3	Vertical	218	2.07	12.40	27.44	4.40	-				
AV	2.44G	101.68	Inf	-Inf	32.14	3	Vertical	218	2.07	69.54	27.68	4.46	-				
AV	2.4952G	44.84	54.00	-9.16	32.40	3	Vertical	218	2.07	12.44	27.88	4.52	-				
PK	2.3852G	57.91	74.00	-16.09	31.89	3	Vertical	218	2.07	26.02	27.48	4.41	-				
PK	2.44G	102.79	Inf	-Inf	32.14	3	Vertical	218	2.07	70.65	27.68	4.46	-				
PK	2.4964G	57.61	74.00	-16.39	32.41	3	Vertical	218	2.07	25.20	27.89	4.52	-				

2.4-2.4835GHz_BT-LE(500kbps)

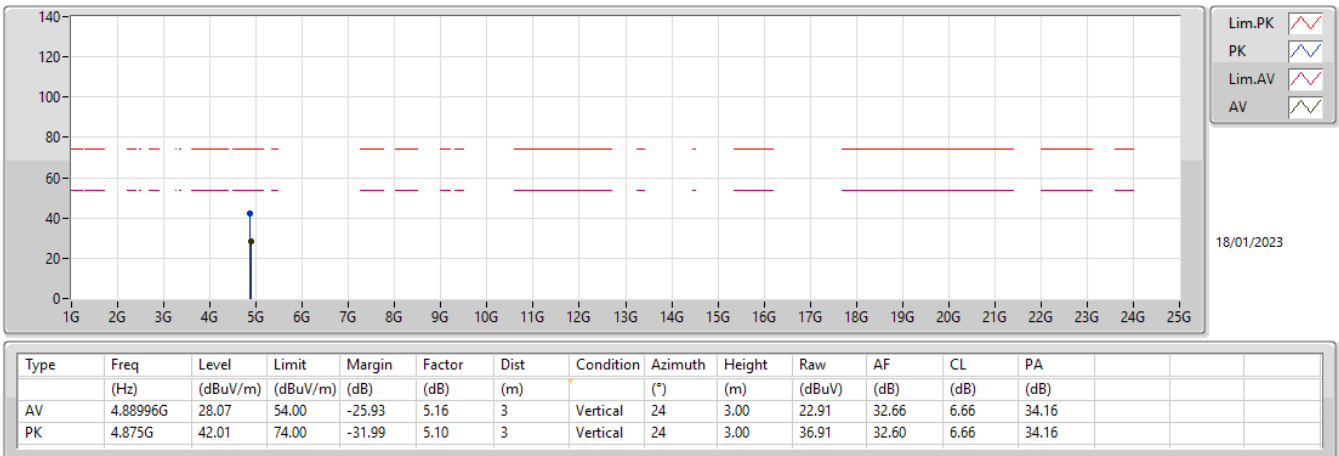
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	2.3892G	44.24	54.00	-9.76	31.92	3	Horizontal	78	2.31	12.32	27.51	4.41	-				
AV	2.44G	96.56	Inf	-Inf	32.14	3	Horizontal	78	2.31	64.42	27.68	4.46	-				
AV	2.4848G	44.84	54.00	-9.16	32.35	3	Horizontal	78	2.31	12.49	27.84	4.51	-				
PK	2.3788G	57.93	74.00	-16.07	31.83	3	Horizontal	78	2.31	26.10	27.43	4.40	-				
PK	2.44G	97.72	Inf	-Inf	32.14	3	Horizontal	78	2.31	65.58	27.68	4.46	-				
PK	2.4868G	57.82	74.00	-16.18	32.36	3	Horizontal	78	2.31	25.46	27.85	4.51	-				

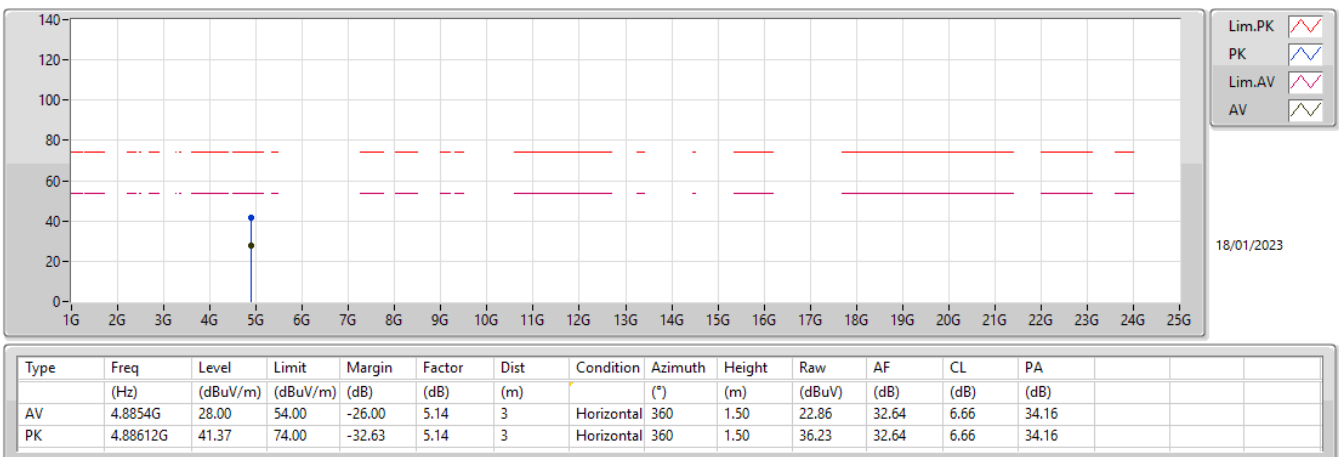
2.4-2.4835GHz_BT-LE(500kbps)

2440MHz_TX



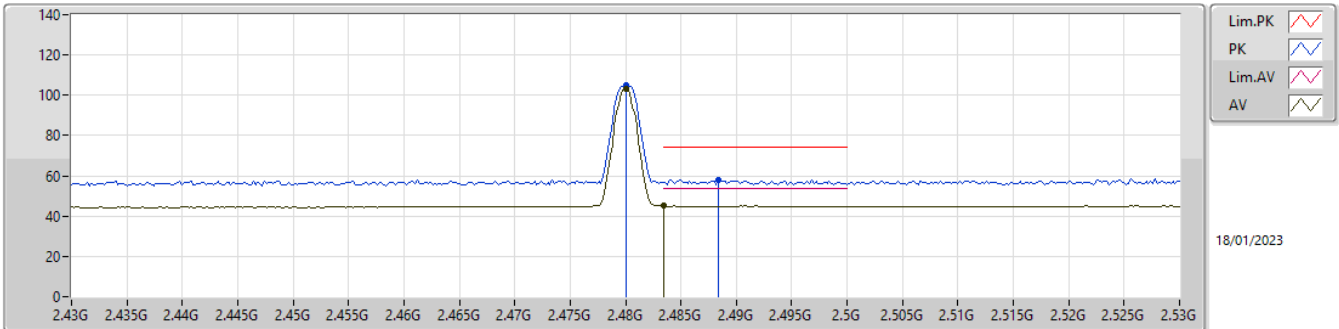
2.4-2.4835GHz_BT-LE(500kbps)

2440MHz_TX



2.4-2.4835GHz_BT-LE(500kbps)

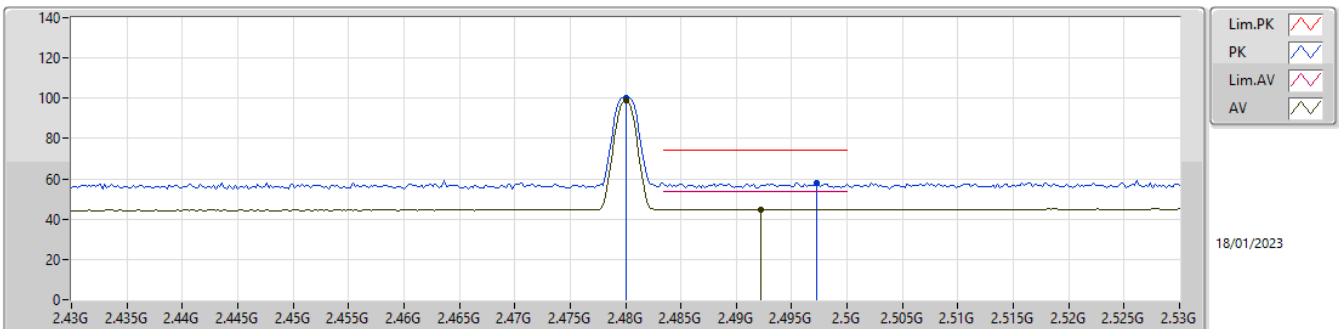
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.48G	103.40	Inf	-Inf	32.32	3	Vertical	42	1.86	71.08	27.82	4.50	-
AV	2.4835G	45.04	54.00	-8.96	32.34	3	Vertical	42	1.86	12.70	27.83	4.51	-
PK	2.48G	104.81	Inf	-Inf	32.32	3	Vertical	42	1.86	72.49	27.82	4.50	-
PK	2.4884G	57.98	74.00	-16.02	32.36	3	Vertical	42	1.86	25.62	27.85	4.51	-

2.4-2.4835GHz_BT-LE(500kbps)

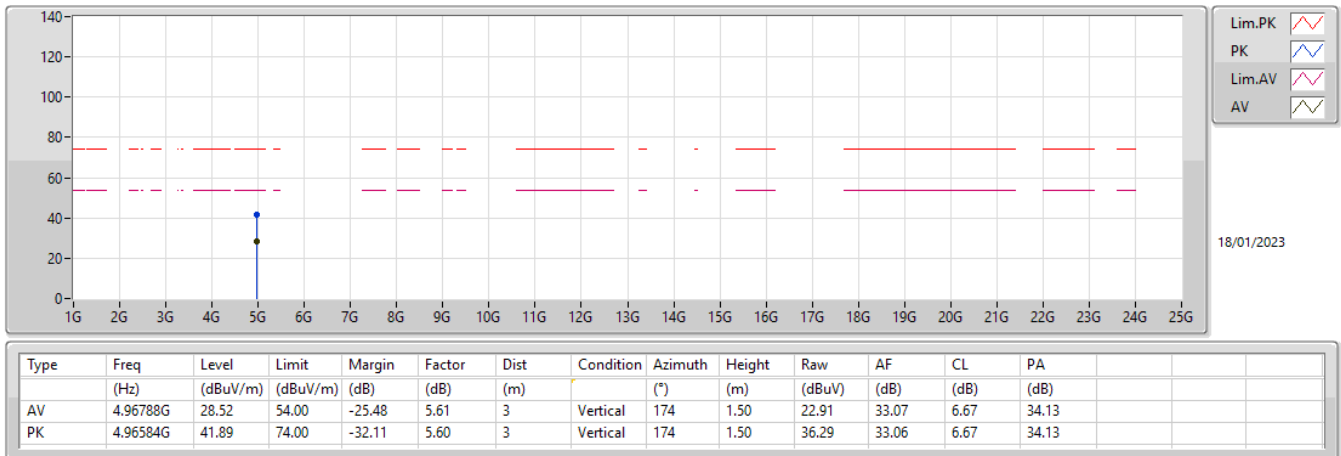
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	2.48G	99.14	Inf	-Inf	32.32	3	Horizontal	73	2.05	66.82	27.82	4.50	-
AV	2.4922G	44.92	54.00	-9.08	32.39	3	Horizontal	73	2.05	12.53	27.87	4.52	-
PK	2.48G	100.36	Inf	-Inf	32.32	3	Horizontal	73	2.05	68.04	27.82	4.50	-
PK	2.4972G	57.97	74.00	-16.03	32.41	3	Horizontal	73	2.05	25.56	27.89	4.52	-

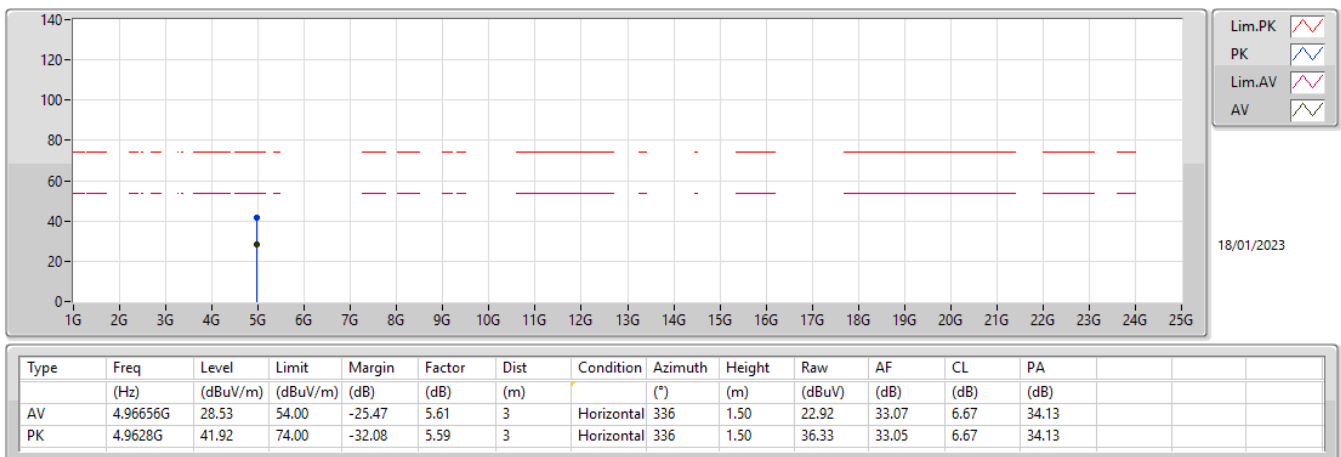
2.4-2.4835GHz_BT-LE(500kbps)

2480MHz_TX



2.4-2.4835GHz_BT-LE(500kbps)

2480MHz_TX





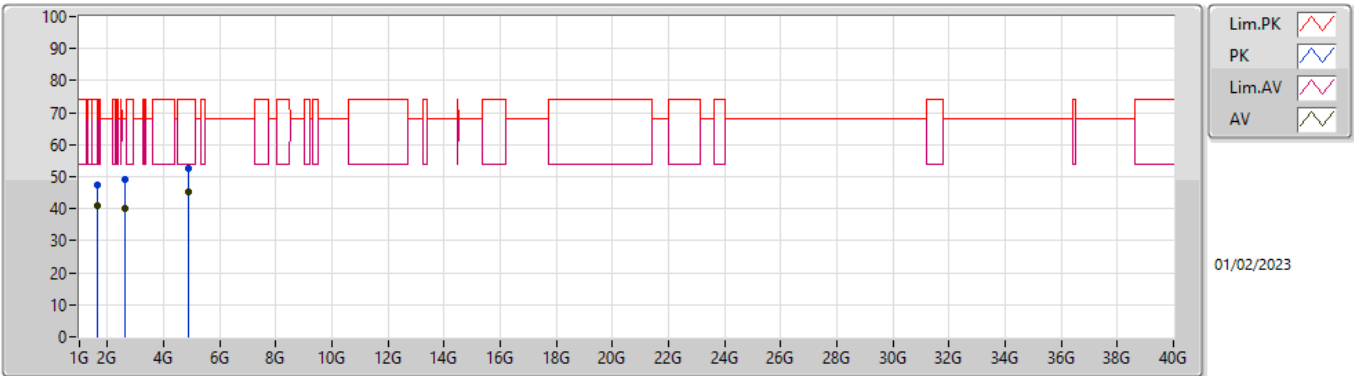
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	4.87389G	46.74	54.00	-7.26	Horizontal
Mode 2	Pass	AV	1.35491G	44.84	54.00	-9.16	Vertical

Result

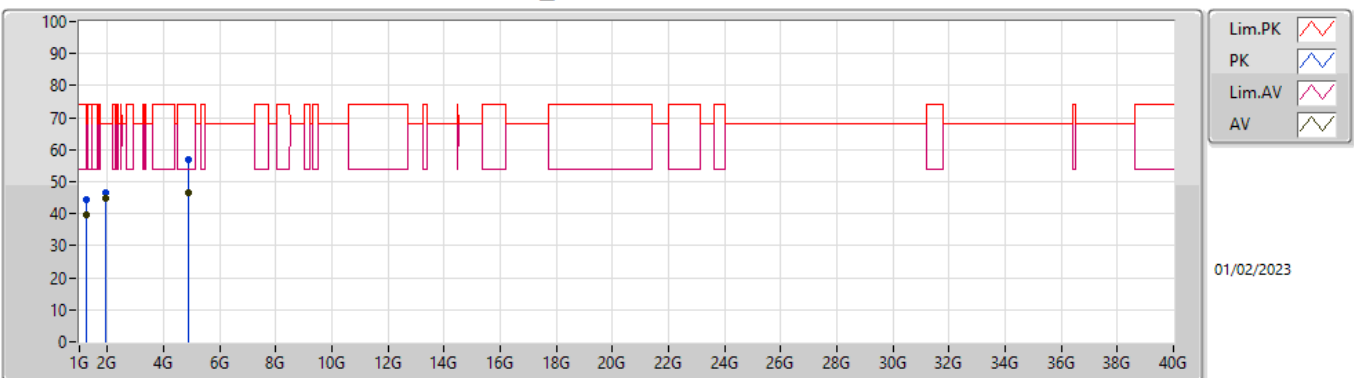
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
Mode 1	Pass	AV	1.65896G	40.87	68.20	-27.33	3	Vertical	68	1.51	-
Mode 1	Pass	AV	2.60236G	40.09	68.20	-28.11	3	Vertical	298	1.18	-
Mode 1	Pass	AV	4.87402G	45.14	54.00	-8.86	3	Vertical	132	2.37	-
Mode 1	Pass	PK	1.65933G	47.39	68.20	-20.81	3	Vertical	68	1.51	-
Mode 1	Pass	PK	2.60582G	49.31	68.20	-18.89	3	Vertical	298	1.18	-
Mode 1	Pass	PK	4.87411G	52.73	74.00	-21.27	3	Vertical	132	2.37	-
Mode 1	Pass	AV	1.2449G	39.71	68.20	-28.49	3	Horizontal	178	1.84	-
Mode 1	Pass	AV	1.9156G	44.86	68.20	-23.34	3	Horizontal	262	1.53	-
Mode 1	Pass	AV	4.87389G	46.74	54.00	-7.26	3	Horizontal	45	2.76	-
Mode 1	Pass	PK	1.24483G	44.37	68.20	-23.83	3	Horizontal	178	1.84	-
Mode 1	Pass	PK	1.92314G	46.73	68.20	-21.47	3	Horizontal	262	1.53	-
Mode 1	Pass	PK	4.87412G	56.84	74.00	-17.16	3	Horizontal	45	2.76	-
Mode 2	Pass	AV	1.35491G	44.84	54.00	-9.16	3	Vertical	197	1.29	-
Mode 2	Pass	AV	2.8196G	43.72	54.00	-10.28	3	Vertical	96	2.43	-
Mode 2	Pass	AV	3.6418G	39.95	54.00	-14.05	3	Vertical	205	1.64	-
Mode 2	Pass	PK	1.3607G	48.55	74.00	-25.45	3	Vertical	197	1.29	-
Mode 2	Pass	PK	2.82088G	57.70	74.00	-16.30	3	Vertical	96	2.43	-
Mode 2	Pass	PK	3.6587G	48.72	74.00	-25.28	3	Vertical	205	1.64	-
Mode 2	Pass	AV	1.4696G	42.02	54.00	-11.98	3	Horizontal	115	2.29	-
Mode 2	Pass	AV	2.1633G	50.08	68.20	-18.12	3	Horizontal	260	1.46	-
Mode 2	Pass	AV	3.48907G	46.19	68.20	-22.01	3	Horizontal	183	1.61	-
Mode 2	Pass	PK	1.47013G	48.90	74.00	-25.10	3	Horizontal	115	2.29	-
Mode 2	Pass	PK	2.15993G	51.08	68.20	-17.12	3	Horizontal	260	1.46	-
Mode 2	Pass	PK	3.49121G	51.57	68.20	-16.63	3	Horizontal	183	1.61	-

Radiated Emissions above 1GHz_Mode 1



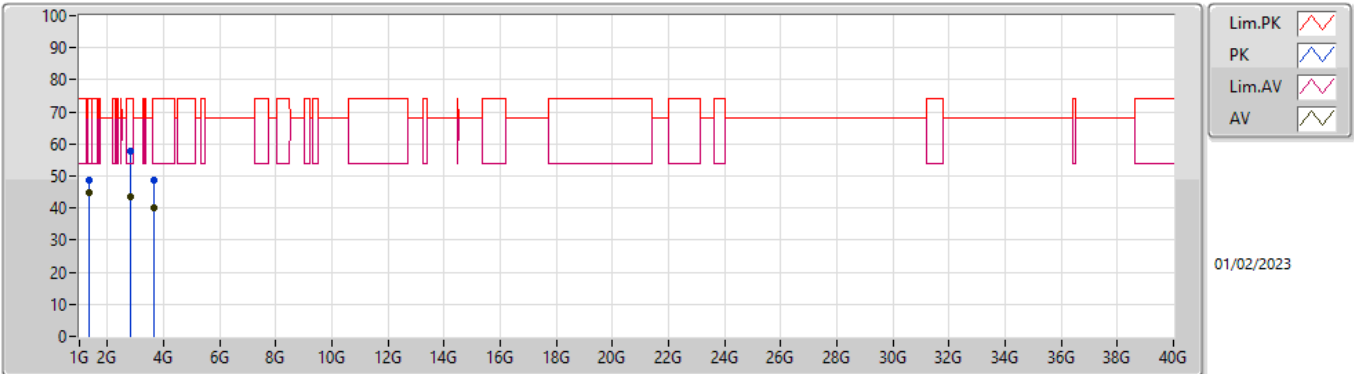
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.65896G	40.87	68.20	-27.33	-5.27	3	Vertical	68	1.51	-	46.14	25.23	3.67	34.17
AV	2.60236G	40.09	68.20	-28.11	-1.40	3	Vertical	298	1.18	-	41.49	28.20	4.63	34.23
AV	4.87402G	45.14	54.00	-8.86	5.09	3	Vertical	132	2.37	-	40.05	32.60	6.66	34.17
PK	1.65933G	47.39	68.20	-20.81	-5.27	3	Vertical	68	1.51	-	52.66	25.23	3.67	34.17
PK	2.60582G	49.31	68.20	-18.89	-1.40	3	Vertical	298	1.18	-	50.71	28.20	4.63	34.23
PK	4.87411G	52.73	74.00	-21.27	5.09	3	Vertical	132	2.37	-	47.64	32.60	6.66	34.17

Radiated Emissions above 1GHz_Mode 1



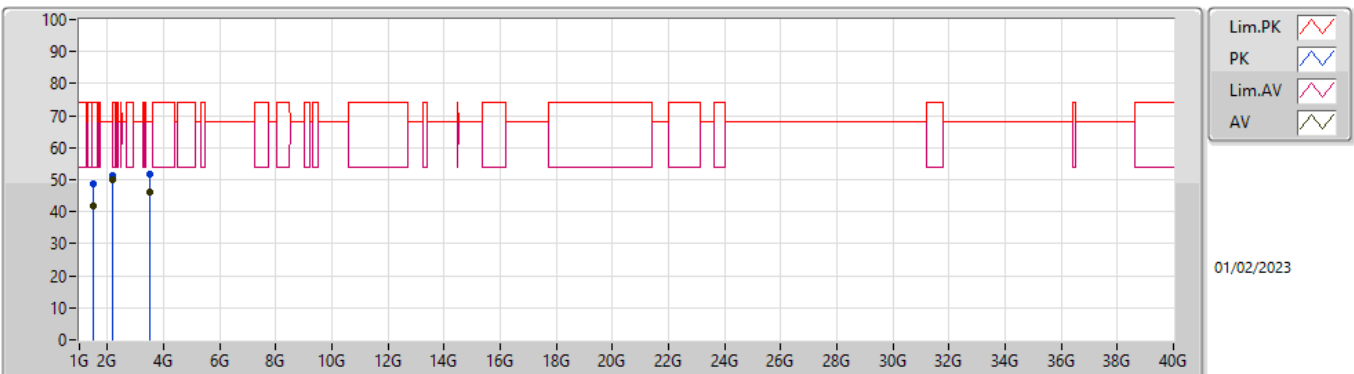
Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.2449G	39.71	68.20	-28.49	-5.47	3	Horizontal	178	1.84	-	45.18	26.01	3.15	34.63
AV	1.9156G	44.86	68.20	-23.34	-4.29	3	Horizontal	262	1.53	-	49.15	25.92	3.92	34.13
AV	4.87389G	46.74	54.00	-7.26	5.09	3	Horizontal	45	2.76	-	41.65	32.60	6.66	34.17
PK	1.24483G	44.37	68.20	-23.83	-5.47	3	Horizontal	178	1.84	-	49.84	26.01	3.15	34.63
PK	1.92314G	46.73	68.20	-21.47	-4.18	3	Horizontal	262	1.53	-	50.91	26.02	3.93	34.13
PK	4.87412G	56.84	74.00	-17.16	5.09	3	Horizontal	45	2.76	-	51.75	32.60	6.66	34.17

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.35491G	44.84	54.00	-9.16	-5.09	3	Vertical	197	1.29	-	49.93	26.07	3.28	34.44
AV	2.8196G	43.72	54.00	-10.28	-0.91	3	Vertical	96	2.43	-	44.63	28.58	4.77	34.26
AV	3.6418G	39.95	54.00	-14.05	1.01	3	Vertical	205	1.64	-	38.94	29.77	5.51	34.27
PK	1.3607G	48.55	74.00	-25.45	-5.10	3	Vertical	197	1.29	-	53.65	26.04	3.29	34.43
PK	2.82088G	57.70	74.00	-16.30	-0.91	3	Vertical	96	2.43	-	58.61	28.58	4.77	34.26
PK	3.6587G	48.72	74.00	-25.28	1.07	3	Vertical	205	1.64	-	47.65	29.82	5.52	34.27

Radiated Emissions above 1GHz_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	1.4696G	42.02	54.00	-11.98	-5.08	3	Horizontal	115	2.29	-	47.10	25.74	3.43	34.25
AV	2.1633G	50.08	68.20	-18.12	-2.58	3	Horizontal	260	1.46	-	52.66	27.37	4.20	34.15
AV	3.48907G	46.19	68.20	-22.01	0.69	3	Horizontal	183	1.61	-	45.50	29.50	5.44	34.25
PK	1.47013G	48.90	74.00	-25.10	-5.08	3	Horizontal	115	2.29	-	53.98	25.74	3.43	34.25
PK	2.15993G	51.08	68.20	-17.12	-2.58	3	Horizontal	260	1.46	-	53.66	27.38	4.19	34.15
PK	3.49121G	51.57	68.20	-16.63	0.69	3	Horizontal	183	1.61	-	50.88	29.50	5.44	34.25