



RADIO TEST REPORT

FCC ID : TLZ-CU442
Equipment : IEEE 802.11 b/g/n 1T1R WLAN and Bluetooth Low Energy Microcontroller Module
Brand Name : AzureWave
Model Name : AW-CU442, AW-CU442-B1
Applicant : AzureWave Technologies, Inc.
8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 27, 2022, and testing was started from Nov. 08, 2022 and completed on Nov. 18, 2022. We, Sporton International Inc. Hsinchu 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 variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_6 Ver1.3

Page Number : 3 of 20
Issued Date : Dec. 16, 2022
Report Version : 01



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(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
2. The measurement uncertainty please refer to report "Measurement Uncertainty".

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Vicky Huang



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

Note:

- ♦ Bluetooth LE uses a GFSK modulation.
- ♦ BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Part No.	Antenna Type	Connector	Gain (dBi)
1	1	molex	2042811100	Dipole Antenna	N/A	2.0
2	1	TE	1-2344656-1	Dipole Antenna	N/A	1.76

Note1: The above information was declared by manufacturer.

Note2: Ant. 1~2 are the same type antenna. Only the highest gain Ant. 1 antenna was selected to test and record in this report.

For 2.4GHz function:

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

Only Port 1 can be use as transmit and receive antenna.

For BT function:

For BT mode (1TX/1RX):

Only Port 1 can be use as transmit and receive antenna.



1.1.3 EUT Operational Condition

EUT Power Type	From host system		
Function	<input checked="" type="checkbox"/> Point-to-multipoint	<input type="checkbox"/> Point-to-point	
Test Software Version	Bluetooth RF Test Tool (Version5.2.2.51) 、RTLBTAPP (Version:5.2.2.34)		
Support Mode	<input checked="" type="checkbox"/>	LE 1M PHY: 1 Mb/s	
	<input checked="" type="checkbox"/>	LE Coded PHY (S=2): 500 Kb/s	
	<input checked="" type="checkbox"/>	LE Coded PHY (S=8): 125 Kb/s	
	<input checked="" type="checkbox"/>	LE 2M PHY: 2 Mb/s	

Note: The above information was declared by manufacturer.

1.1.4 Table for EUT Sources

This product is a transformer that has the following two Sources:

EUT	Source	Description
1	Main Source	Which are identical to each other in all aspects except Y1, L1, C27, C36, C37, C40, C41, C42.
2	Second Source	

1.1.5 Table for Multiple Listing

The EUT has two model names which are identical to each other in all aspects except for the following table:

Model Name	Description
AW-CU442	All the models are identical, the difference model served as marketing strategy.
AW-CU442-B1	

Note 1: From the above models, model: AW-CU442-B1 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR061820AB

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Add a new model name AW-CU442-B1.	It is not necessary to perform for all tests.
2. Add two Dipole antennas.	1. AC Power-line Conducted Emissions 2. Emissions in Restricted Frequency Bands



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15.247
- ♦ ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ FCC KDB 558074 D01 v05r02
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
Radiated (Below 1GHz)	03CH05-CB	Black Lu	22.7~24.7 / 56~60	Nov. 09, 2022
Radiated (Above 1GHz)	03CH01-CB	Chris Lee	24.2-25.3 / 56-59	Nov. 08, 2022~ Nov. 09, 2022
AC Conduction	CO01-CB	Tim Chen	24~25 / 58~59	Nov. 18, 2022

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
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 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	Normal Link
1	Normal Link-EUT 1+Ant. 1
2	Normal Link-EUT 2+Ant. 1
For operating mode 2 is the worst case and it was record in this test report.	

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	Normal Link
1	Normal Link-EUT 1 at Z-axis+Ant. 1
2	Normal Link-EUT 1 at Y-axis+Ant. 1
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	Normal Link-EUT 2 at Z-axis+Ant. 1
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1. The EUT was performed at X axis, Y axis and Z axis position test, and the worst case was found at Y axis. So the measurement will follow this same test configuration. 2. The EUT has two sources, after evaluating, EUT 1 has been evaluated to be the worst case, so it was selected to test and record in this test report.	
1	EUT 1 at Y-axis+Ant. 1

2.2 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.



2.3 Accessories

N/A

2.4 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Fixture	Azurewave	AW-CU462-I1	N/A
B	NB	DELL	E6430	N/A
C	Earphone	e-Power	S90W	N/A
D	Mouse	HP	FM100	N/A
E	AP Router	ASUS	RP-N53	MSQ-RPN53
F	Smart phone	Samsung	Galaxy J2	A3LSMJ200F

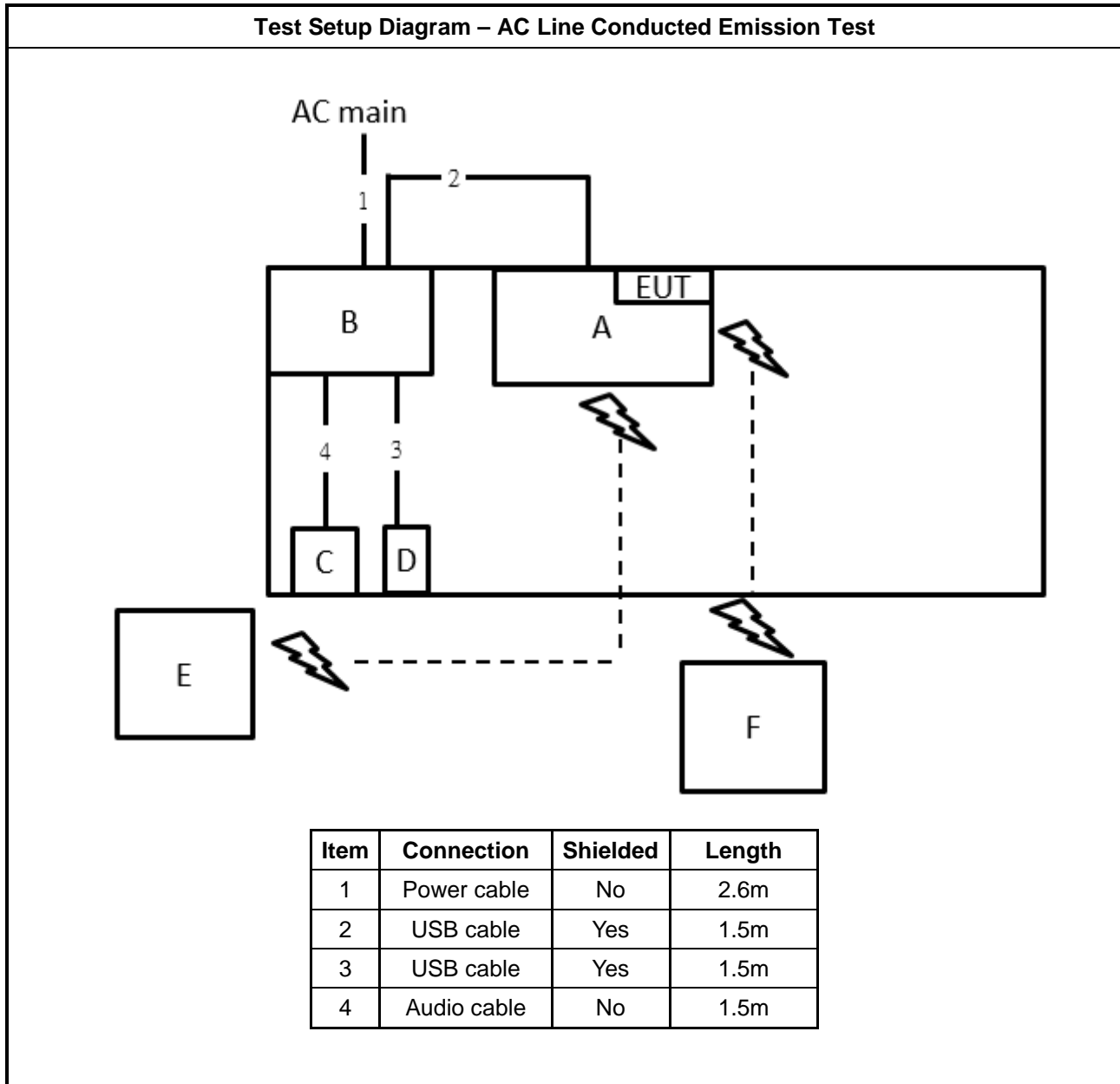
For Radiated (below 1GHz):

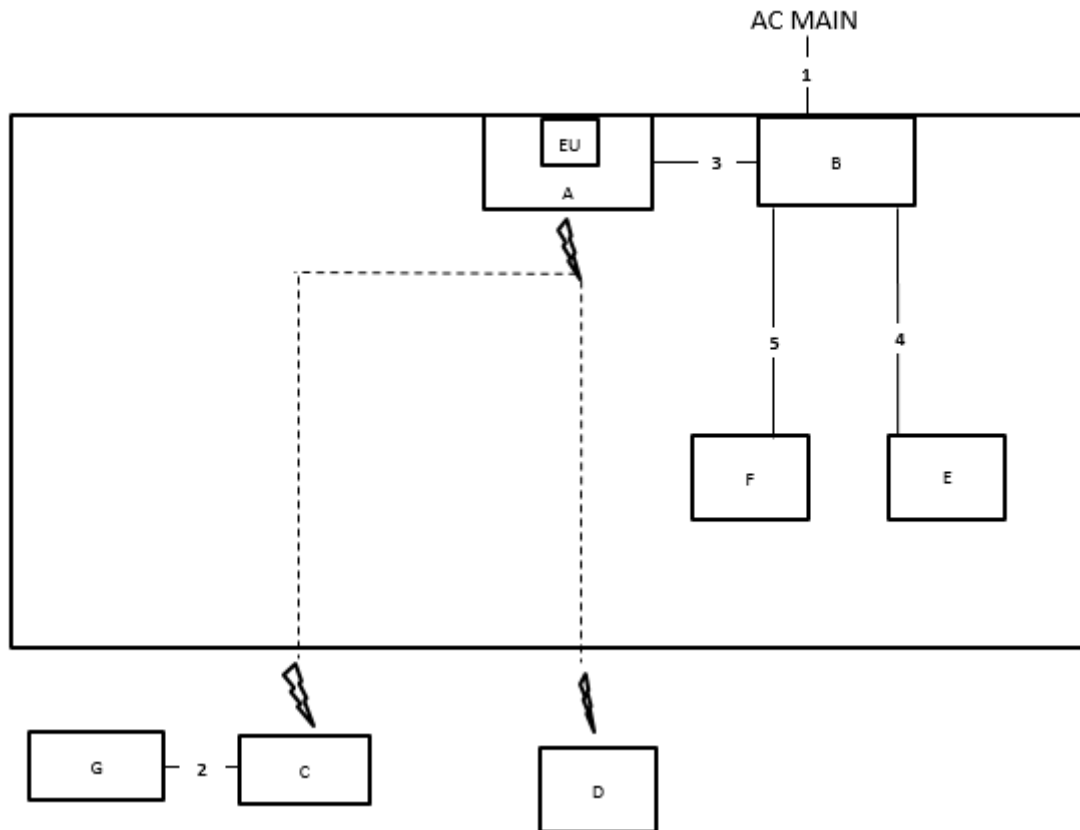
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Fixture	Azurewave	AW-CU462-I1	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	D-LINK	DIR860L	KA2IR860LA1
D	iPhone 4	Apple	A1332	BCG-E2380a
E	Earphone	SHYARO CHI	MIC-04	N/A
F	Mouse	Logitech	M-U0026	N/A
G	NB(WLAN AP)	DELL	E4300	N/A

For Radiated (above 1GHz):

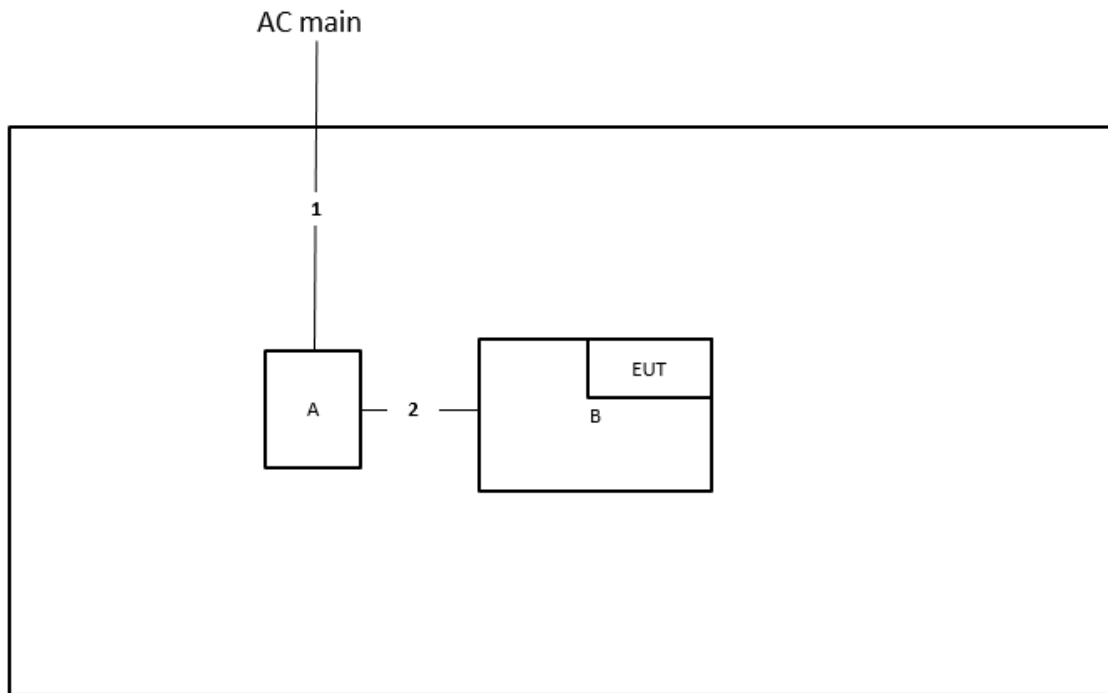
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Fixture	Azurewave	AW-CU462-I1	N/A

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	USB cable	Yes	0.5m
4	Audio cable	No	0.5m
5	USB cable	Yes	0.5m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	USB cable	Yes	0.95m



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.		

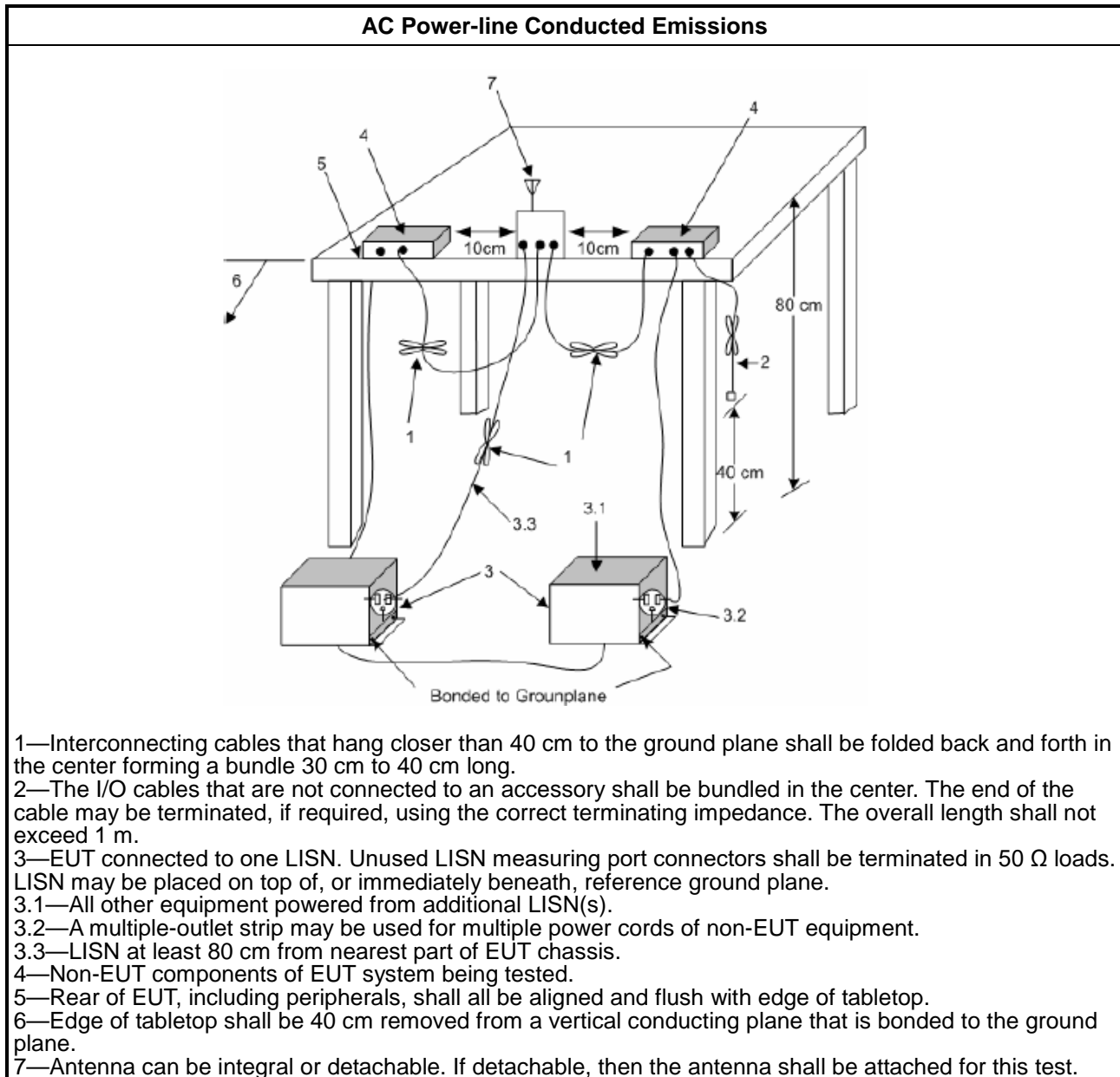
3.1.2 Measuring Instruments

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 for AC power-line conducted emissions.

3.1.4 Test Setup



1.1.1. Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emissions in Restricted Frequency Bands

3.2.1 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.

3.2.2 Measuring Instruments

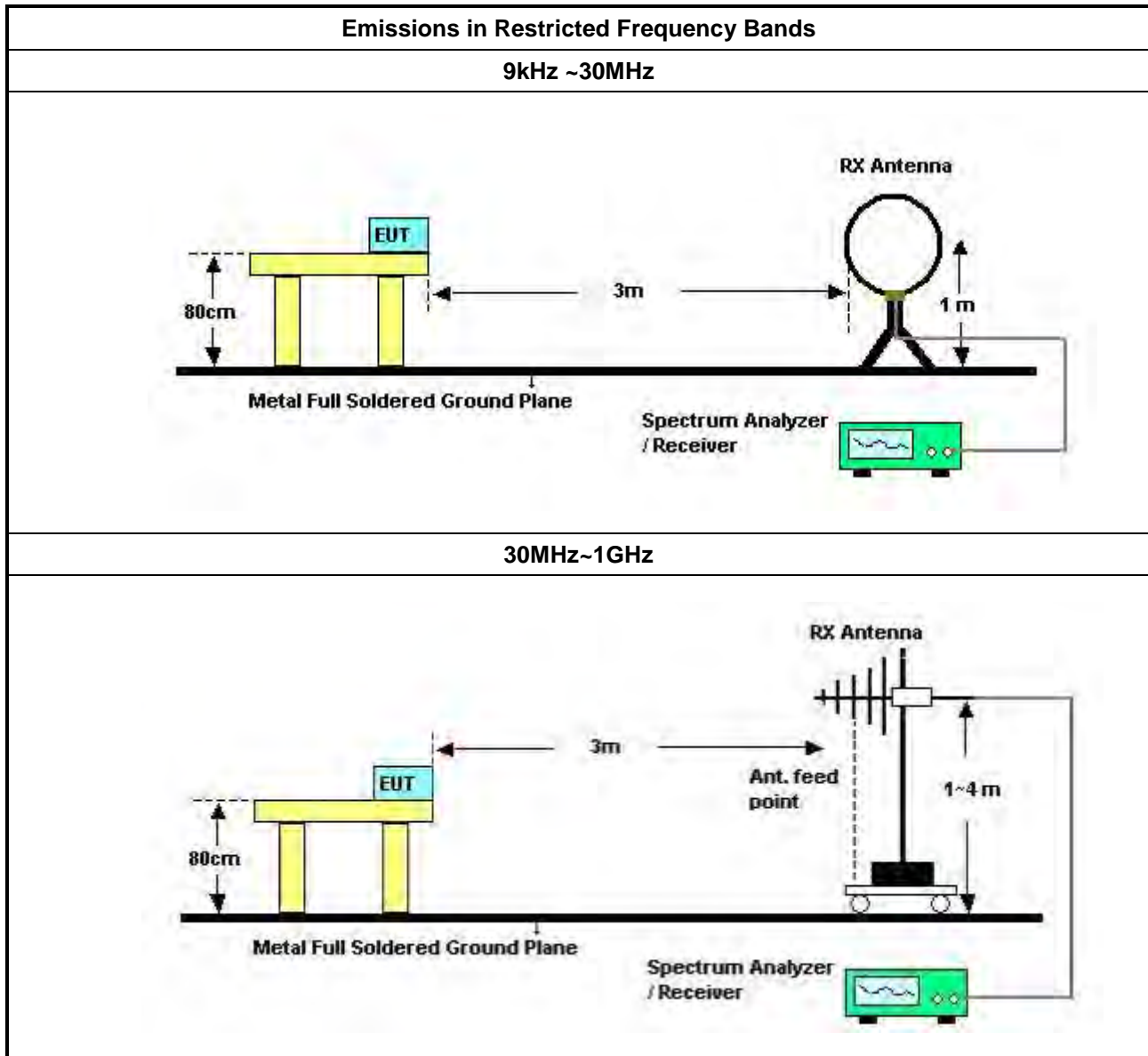
Refer a test equipment and calibration data table in this test report.

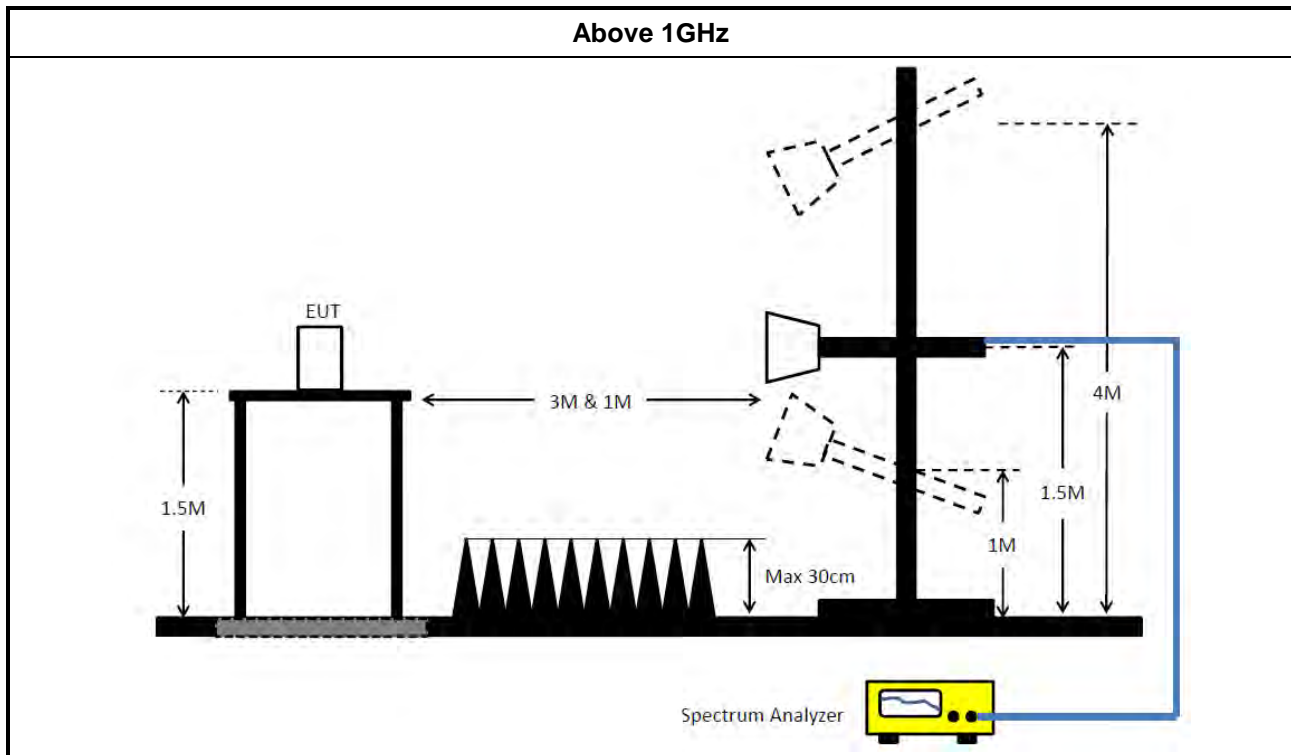


3.2.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor]. 	
<ul style="list-style-type: none"> 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. 	
<ul style="list-style-type: none"> For the transmitter unwanted emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
<input type="checkbox"/>	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
<input type="checkbox"/>	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
<input checked="" type="checkbox"/>	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
<input type="checkbox"/>	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
<input type="checkbox"/>	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
<input checked="" type="checkbox"/>	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
<ul style="list-style-type: none"> For the transmitter band-edge emissions shall be measured using following options below: 	
	<ul style="list-style-type: none"> Refer as FCC KDB 558074 clause 8.7 & c63.10 clause 11.13.1, 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.
	<ul style="list-style-type: none"> Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	<ul style="list-style-type: none"> Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
	<ul style="list-style-type: none"> For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	<ul style="list-style-type: none"> For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

3.2.4 Test Setup





3.2.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.2.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.2.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix B



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 03, 2022	Aug. 02, 2023	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH01-CB)
Pre-Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	Aug. 23 2022	Aug. 22 2023	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)

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Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



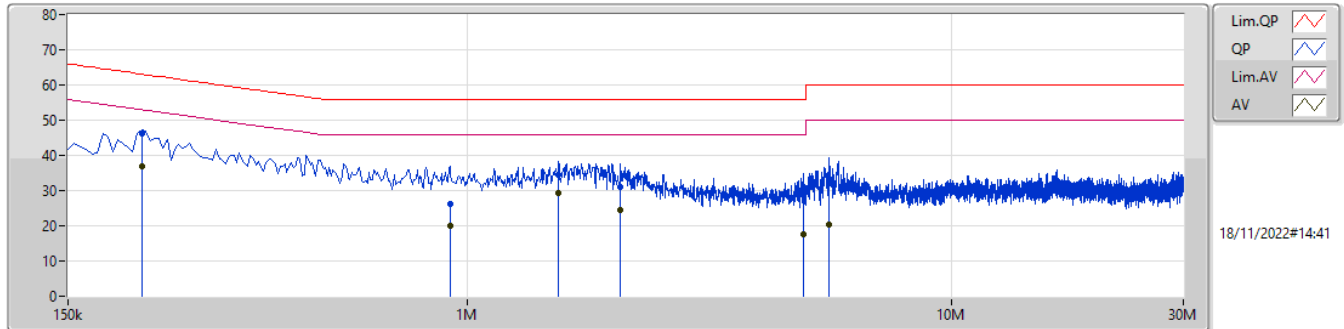
Conducted Emissions at Powerline

Appendix A

Summary

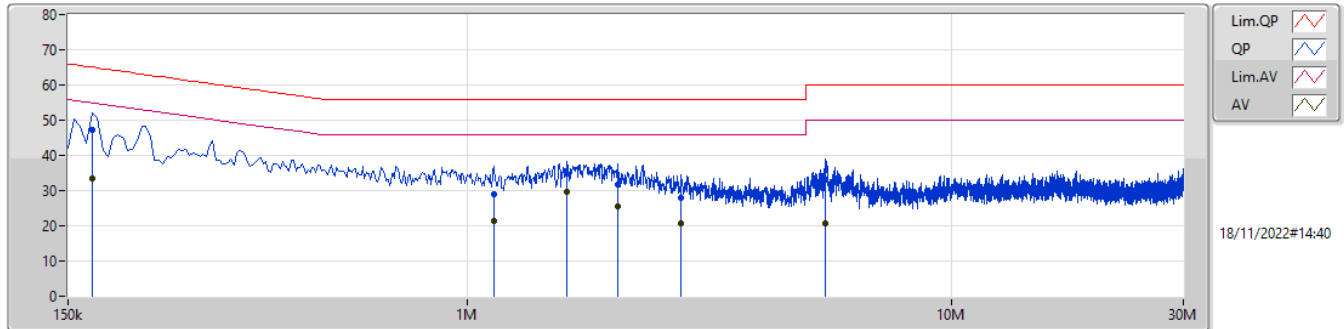
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	213k	36.89	53.09	-16.20	Line

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	213k	46.07	63.09	-17.02	9.99	Line	-	36.08	0.06	0.04	9.89						
AV	213k	36.89	53.09	-16.20	9.99	Line	"Worst"	26.90	0.06	0.04	9.89						
QP	919.5k	26.23	56.00	-29.77	10.00	Line	-	16.23	0.07	0.04	9.89						
AV	919.5k	19.86	46.00	-26.14	10.00	Line	-	9.86	0.07	0.04	9.89						
QP	1.541M	34.39	56.00	-21.61	10.04	Line	-	24.35	0.08	0.07	9.89						
AV	1.541M	29.39	46.00	-16.61	10.04	Line	-	19.35	0.08	0.07	9.89						
QP	2.067M	30.99	56.00	-25.01	10.07	Line	-	20.92	0.09	0.09	9.89						
AV	2.067M	24.54	46.00	-21.46	10.07	Line	-	14.47	0.09	0.09	9.89						
QP	4.947M	28.73	56.00	-27.27	10.14	Line	-	18.59	0.14	0.11	9.89						
AV	4.947M	17.55	46.00	-28.45	10.14	Line	-	7.41	0.14	0.11	9.89						
QP	5.577M	32.19	60.00	-27.81	10.18	Line	-	22.01	0.16	0.12	9.90						
AV	5.577M	20.33	50.00	-29.67	10.18	Line	-	10.15	0.16	0.12	9.90						

Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	168k	47.13	65.06	-17.93	10.00	Neutral	-	37.13	0.07	0.04	9.89						
AV	168k	33.42	55.06	-21.64	10.00	Neutral	-	23.42	0.07	0.04	9.89						
QP	1.136M	28.88	56.00	-27.12	10.02	Neutral	-	18.86	0.08	0.05	9.89						
AV	1.136M	21.37	46.00	-24.63	10.02	Neutral	-	11.35	0.08	0.05	9.89						
QP	1.608M	34.78	56.00	-21.22	10.05	Neutral	-	24.73	0.09	0.07	9.89						
AV	1.608M	29.59	46.00	-16.41	10.05	Neutral	"Worst"	19.54	0.09	0.07	9.89						
QP	2.045M	31.59	56.00	-24.41	10.08	Neutral	-	21.51	0.10	0.09	9.89						
AV	2.045M	25.53	46.00	-20.47	10.08	Neutral	-	15.45	0.10	0.09	9.89						
QP	2.756M	28.02	56.00	-27.98	10.09	Neutral	-	17.93	0.11	0.09	9.89						
AV	2.756M	20.57	46.00	-25.43	10.09	Neutral	-	10.48	0.11	0.09	9.89						
QP	5.492M	33.18	60.00	-26.82	10.19	Neutral	-	22.99	0.17	0.12	9.90						
AV	5.492M	20.78	50.00	-29.22	10.19	Neutral	-	10.59	0.17	0.12	9.90						



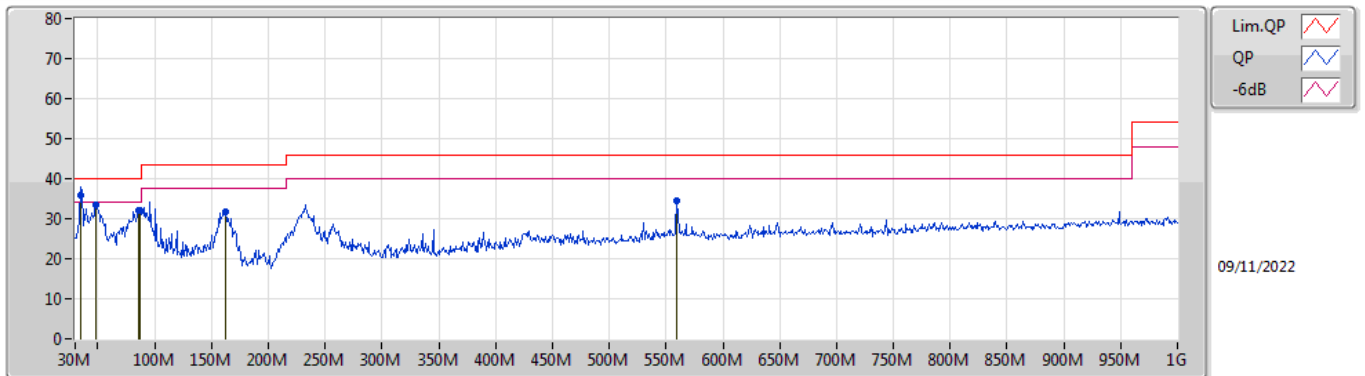
Radiated Emissions below 1GHz

Appendix B.1

Summary

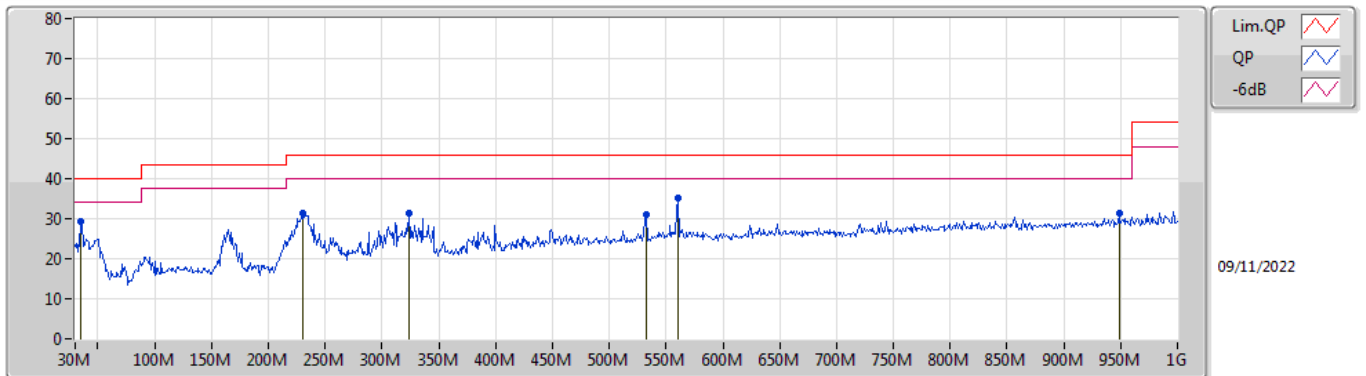
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	34.85M	35.93	40.00	-4.07	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	34.85M	35.93	40.00	-4.07	-9.67	3	Vertical	65	1.25	"Worst"	45.60	21.51	0.51	31.69
PK	48.43M	33.49	40.00	-6.51	-16.61	3	Vertical	197	1.00	-	50.10	14.59	0.65	31.85
PK	86.26M	31.98	40.00	-8.02	-17.07	3	Vertical	95	1.25	-	49.05	13.89	0.99	31.95
PK	87.23M	31.95	40.00	-8.05	-16.93	3	Vertical	119	1.50	-	48.88	14.02	1.00	31.95
PK	162.89M	31.73	43.50	-11.77	-14.79	3	Vertical	176	1.00	-	46.52	15.66	1.53	31.98
PK	559.62M	34.48	46.00	-11.52	-4.83	3	Vertical	334	1.50	-	39.31	24.39	3.19	32.41

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	34.85M	29.47	40.00	-10.53	-9.67	3	Horizontal	146	1.50	"Worst"	39.14	21.51	0.51	31.69
PK	230.79M	31.30	46.00	-14.70	-14.14	3	Horizontal	210	1.50	-	45.44	15.97	1.90	32.01
PK	323.91M	31.21	46.00	-14.79	-10.20	3	Horizontal	78	1.50	-	41.41	19.59	2.35	32.14
PK	532.46M	31.08	46.00	-14.92	-5.85	3	Horizontal	204	2.00	-	36.93	23.44	3.10	32.39
PK	560.59M	35.29	46.00	-10.71	-4.84	3	Horizontal	0	2.00	-	40.13	24.37	3.20	32.41
PK	948.59M	31.35	46.00	-14.65	-1.70	3	Horizontal	74	1.00	-	33.05	26.46	4.32	32.48

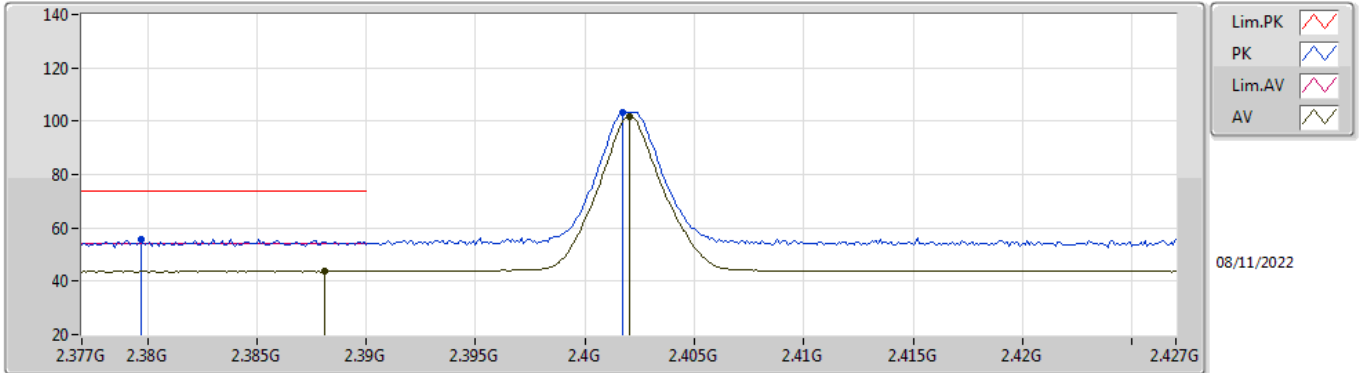


Summary

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(1Mbps)	Pass	AV	2.4835G	52.85	54.00	-1.15	3	Horizontal	188	2.62	-

BT-LE(1Mbps)

2402MHz_TX

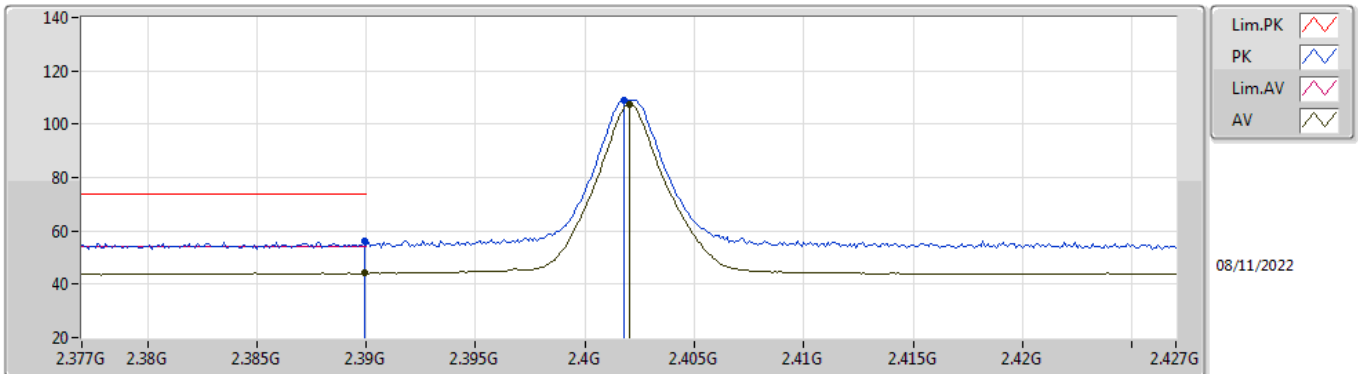


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.3797G	55.85	74.00	-18.15	24.99	3	Vertical	204	1.28	-	27.28	3.58	-	
AV	2.3881G	43.87	54.00	-10.13	12.95	3	Vertical	204	1.28	-	27.33	3.59	-	
PK	2.4017G	103.42	Inf	-Inf	72.41	3	Vertical	204	1.28	-	27.41	3.60	-	
AV	2.402G	101.91	Inf	-Inf	70.90	3	Vertical	204	1.28	-	27.41	3.60	-	

BT-LE(1Mbps)

2402MHz_TX

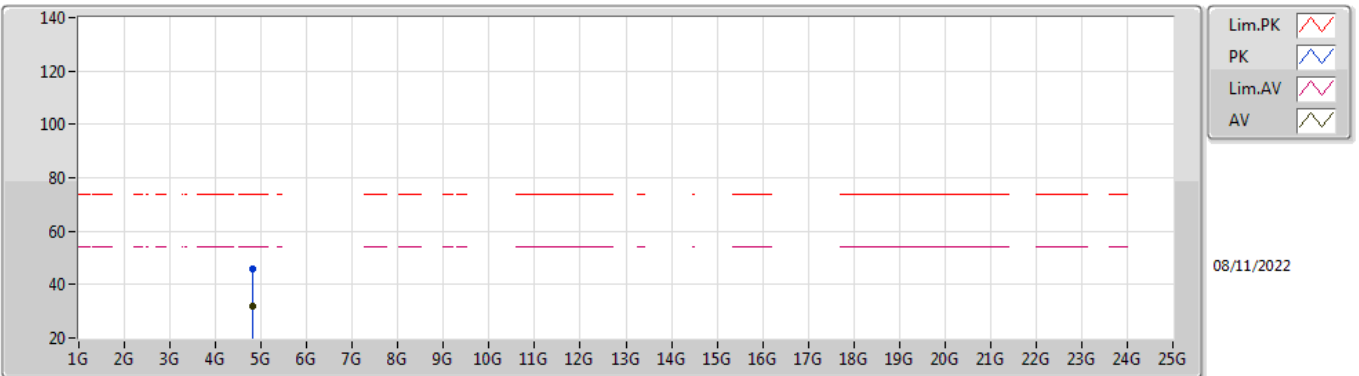


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.3899G	56.07	74.00	-17.93	25.14	3	Horizontal	178	2.77	-	27.34	3.59	-	
AV	2.3899G	44.17	54.00	-9.83	13.24	3	Horizontal	178	2.77	-	27.34	3.59	-	
PK	2.4018G	108.97	Inf	-Inf	77.96	3	Horizontal	178	2.77	-	27.41	3.60	-	
AV	2.402G	107.43	Inf	-Inf	76.42	3	Horizontal	178	2.77	-	27.41	3.60	-	

BT-LE(1Mbps)

2402MHz_TX

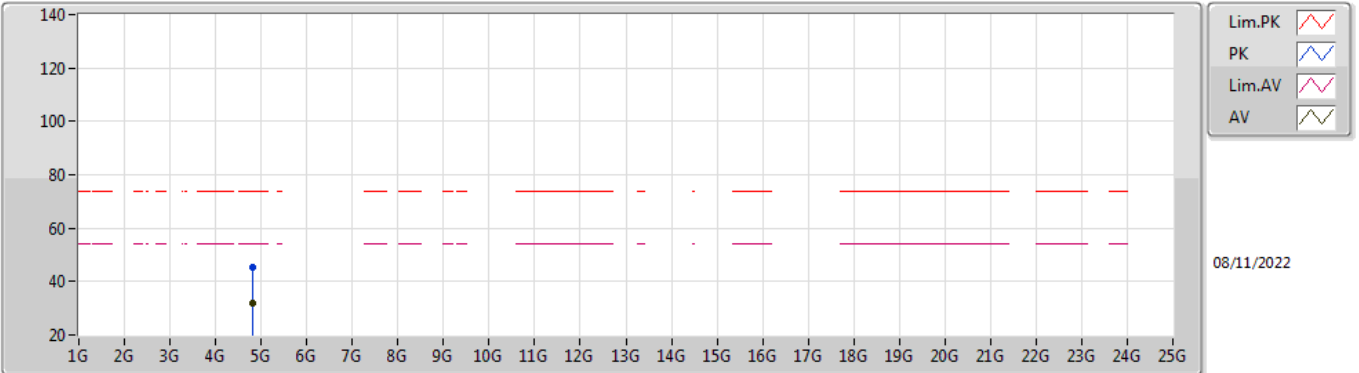


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.80414G	45.84	74.00	-28.16	40.71	3	Vertical	236	1.79	-	32.32	5.70	32.89	
AV	4.80447G	32.06	54.00	-21.94	26.93	3	Vertical	236	1.79	-	32.32	5.70	32.89	

BT-LE(1Mbps)

2402MHz_TX

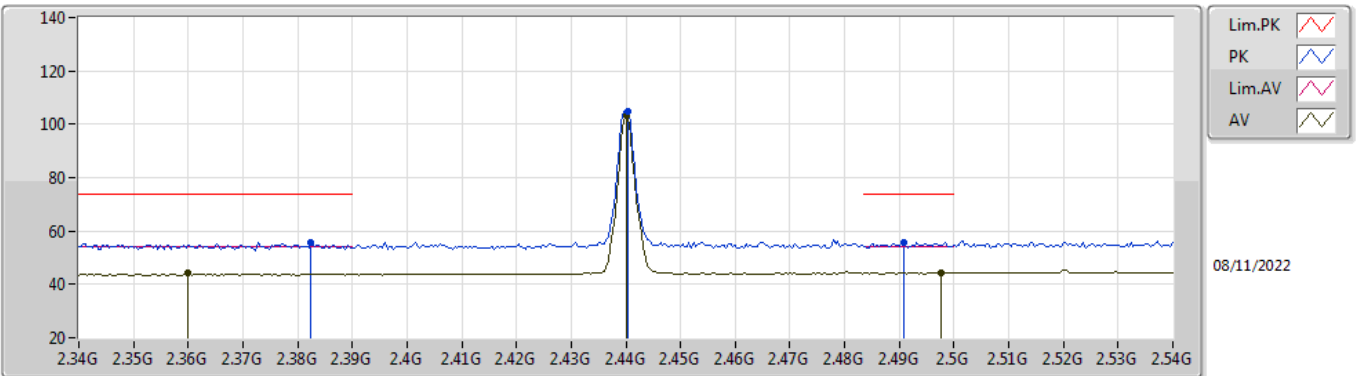


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.80432G	45.09	74.00	-28.91	39.96	3	Horizontal	199	1.52	-	32.32	5.70	32.89	
AV	4.80418G	32.05	54.00	-21.95	26.92	3	Horizontal	199	1.52	-	32.32	5.70	32.89	

BT-LE(1Mbps)

2440MHz_TX

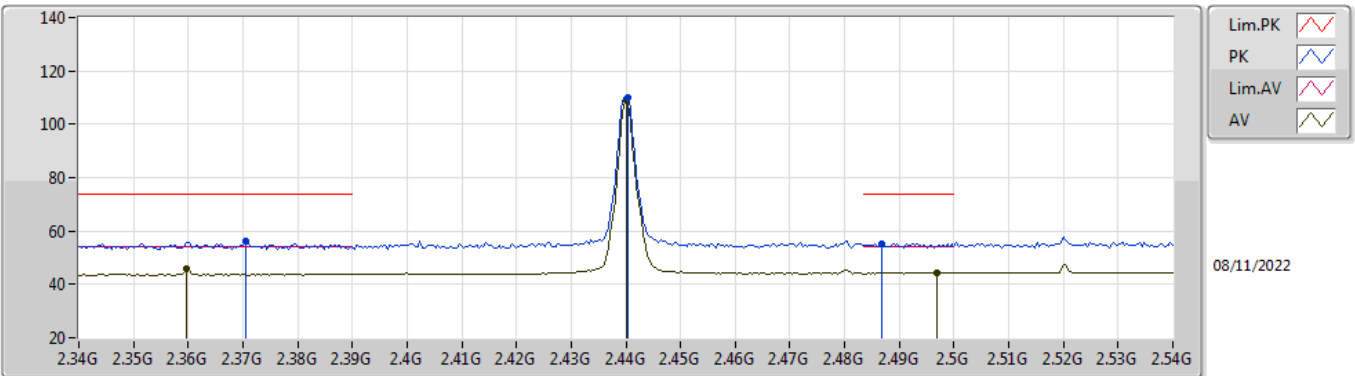


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3824G	55.55	74.00	-18.45	24.68	3	Vertical	201	2.31	-	27.29	3.58	-
AV	2.36G	44.12	54.00	-9.88	13.40	3	Vertical	201	2.31	-	27.16	3.56	-
PK	2.4404G	104.95	Inf	-Inf	73.77	3	Vertical	201	2.31	-	27.56	3.62	-
AV	2.44G	103.46	Inf	-Inf	72.28	3	Vertical	201	2.31	-	27.56	3.62	-
PK	2.4908G	55.84	74.00	-18.16	24.35	3	Vertical	201	2.31	-	27.84	3.65	-
AV	2.4976G	44.28	54.00	-9.72	12.74	3	Vertical	201	2.31	-	27.89	3.65	-

BT-LE(1Mbps)

2440MHz_TX

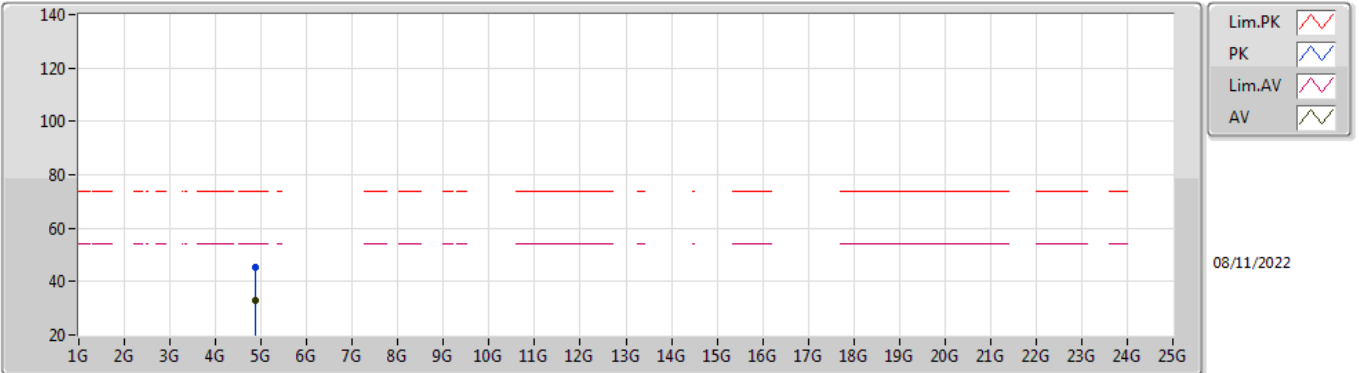


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3704G	56.09	74.00	-17.91	25.30	3	Horizontal	189	2.67	-	27.22	3.57	-
AV	2.3596G	45.84	54.00	-8.16	15.12	3	Horizontal	189	2.67	-	27.16	3.56	-
PK	2.4404G	110.24	Inf	-Inf	79.06	3	Horizontal	189	2.67	-	27.56	3.62	-
AV	2.44G	108.76	Inf	-Inf	77.58	3	Horizontal	189	2.67	-	27.56	3.62	-
PK	2.4868G	55.43	74.00	-18.57	23.97	3	Horizontal	189	2.67	-	27.82	3.64	-
AV	2.4968G	44.29	54.00	-9.71	12.76	3	Horizontal	189	2.67	-	27.88	3.65	-

BT-LE(1Mbps)

2440MHz_TX

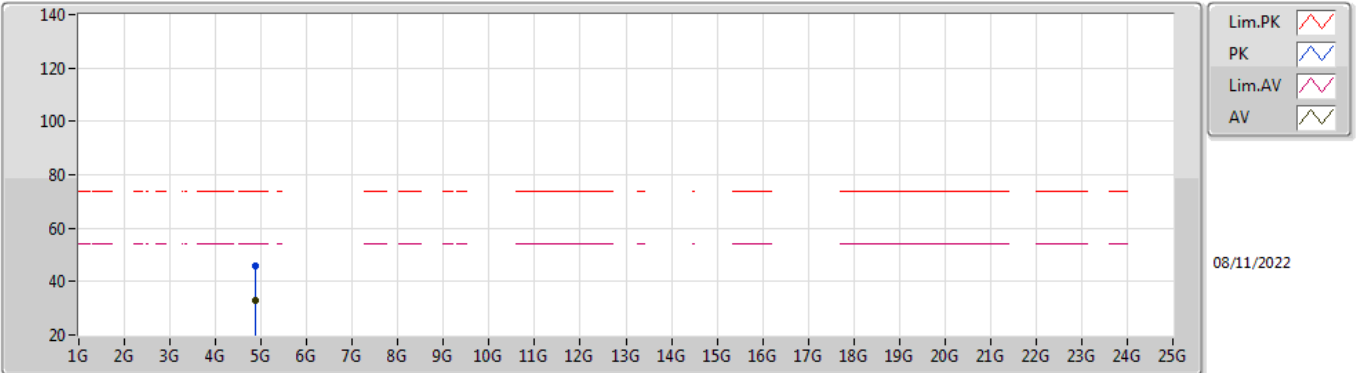


EUT Y_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.87988G	45.54	74.00	-28.46	40.07	3	Vertical	290	2.61	-	32.56	5.78	32.87
AV	4.87963G	32.72	54.00	-21.28	27.25	3	Vertical	290	2.61	-	32.56	5.78	32.87

BT-LE(1Mbps)

2440MHz_TX

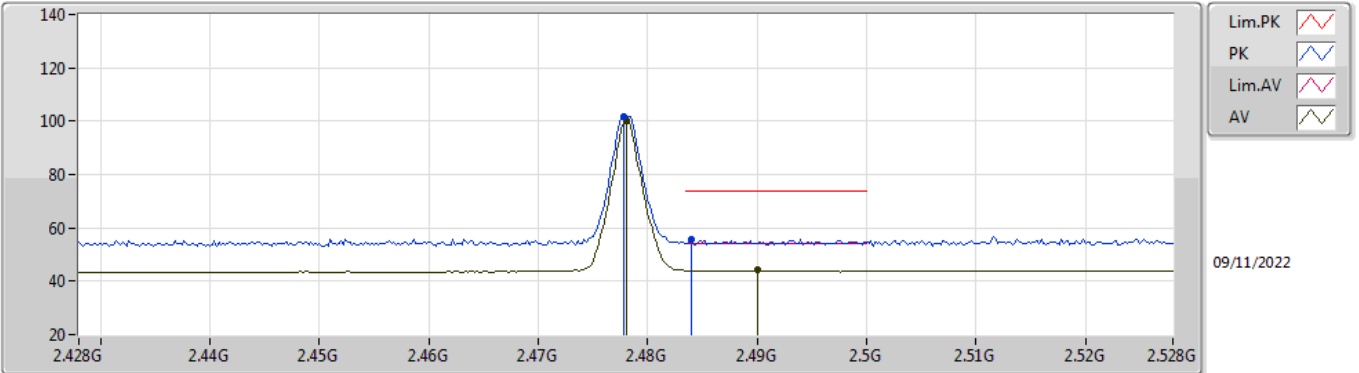


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.87969G	45.73	74.00	-28.27	40.26	3	Horizontal	346	1.27	-	32.56	5.78	32.87	
AV	4.88025G	32.79	54.00	-21.21	27.32	3	Horizontal	346	1.27	-	32.56	5.78	32.87	

BT-LE(1Mbps)

2478MHz_TX

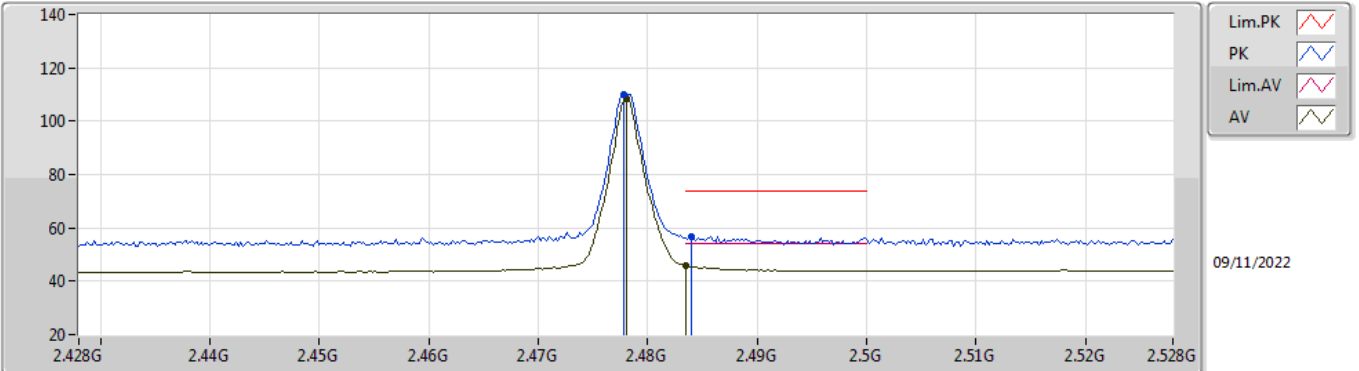


EUT V_1TX
Setting 0x39
01-D-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4778G	101.72	Inf	-Inf	70.31	3	Vertical	207	2.97	-	27.77	3.64	-	
AV	2.478G	100.22	Inf	-Inf	68.81	3	Vertical	207	2.97	-	27.77	3.64	-	
PK	2.484G	55.65	74.00	-18.35	24.21	3	Vertical	207	2.97	-	27.80	3.64	-	
AV	2.49G	44.11	54.00	-9.89	12.62	3	Vertical	207	2.97	-	27.84	3.65	-	

BT-LE(1Mbps)

2478MHz_TX

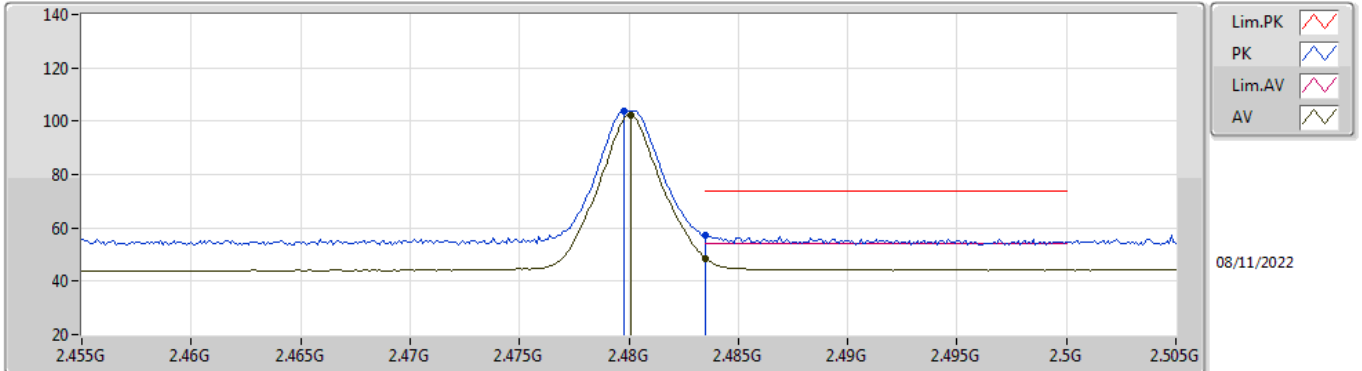


EUT V_1TX
Setting 0x39
01-D-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4778G	110.12	Inf	-Inf	78.71	3	Horizontal	185	2.55	-	27.77	3.64	-	
AV	2.478G	108.61	Inf	-Inf	77.20	3	Horizontal	185	2.55	-	27.77	3.64	-	
PK	2.484G	56.87	74.00	-17.13	25.43	3	Horizontal	185	2.55	-	27.80	3.64	-	
AV	2.4835G	45.85	54.00	-8.15	14.41	3	Horizontal	185	2.55	-	27.80	3.64	-	

BT-LE(1Mbps)

2480MHz_TX

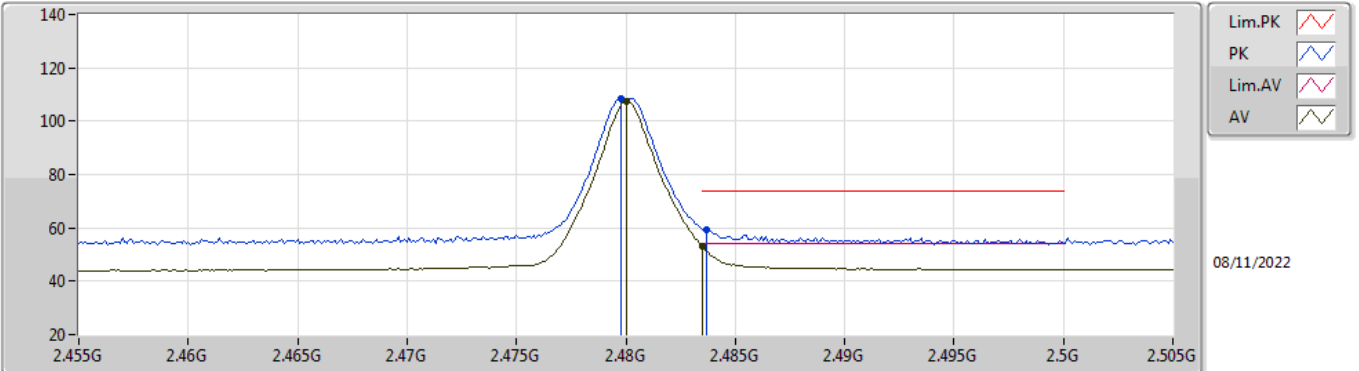


EUT V_1TX
Setting 0x34
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4798G	103.76	Inf	-Inf	72.34	3	Vertical	201	2.87	-	27.78	3.64	-	
AV	2.4801G	102.29	Inf	-Inf	70.87	3	Vertical	201	2.87	-	27.78	3.64	-	
PK	2.4835G	57.29	74.00	-16.71	25.85	3	Vertical	201	2.87	-	27.80	3.64	-	
AV	2.4835G	48.67	54.00	-5.33	17.23	3	Vertical	201	2.87	-	27.80	3.64	-	

BT-LE(1Mbps)

2480MHz_TX

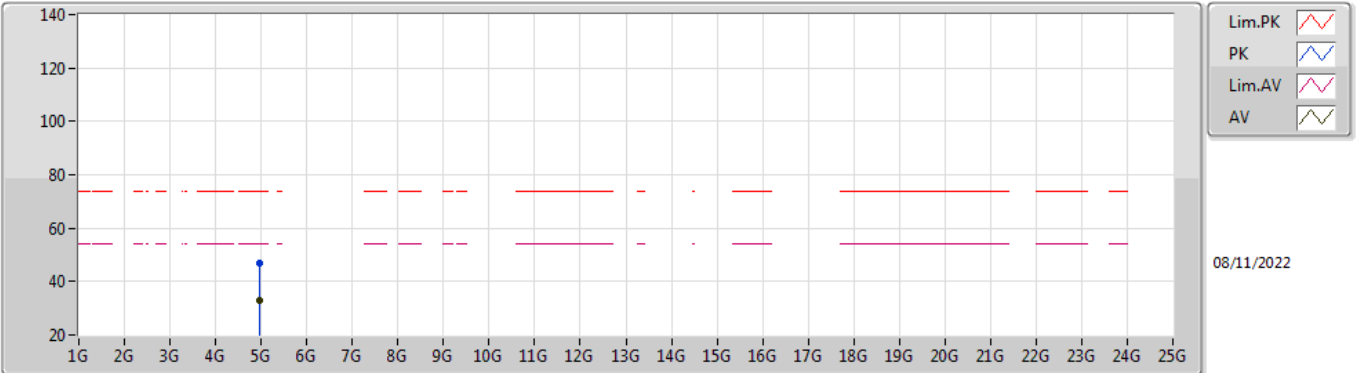


EUT V_1TX
Setting 0x34
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4798G	108.45	Inf	-Inf	77.03	3	Horizontal	188	2.62	-	27.78	3.64	-	
AV	2.48G	107.40	Inf	-Inf	75.98	3	Horizontal	188	2.62	-	27.78	3.64	-	
PK	2.4837G	59.51	74.00	-14.49	28.07	3	Horizontal	188	2.62	-	27.80	3.64	-	
AV	2.4835G	52.85	54.00	-1.15	21.41	3	Horizontal	188	2.62	-	27.80	3.64	-	

BT-LE(1Mbps)

2480MHz_TX

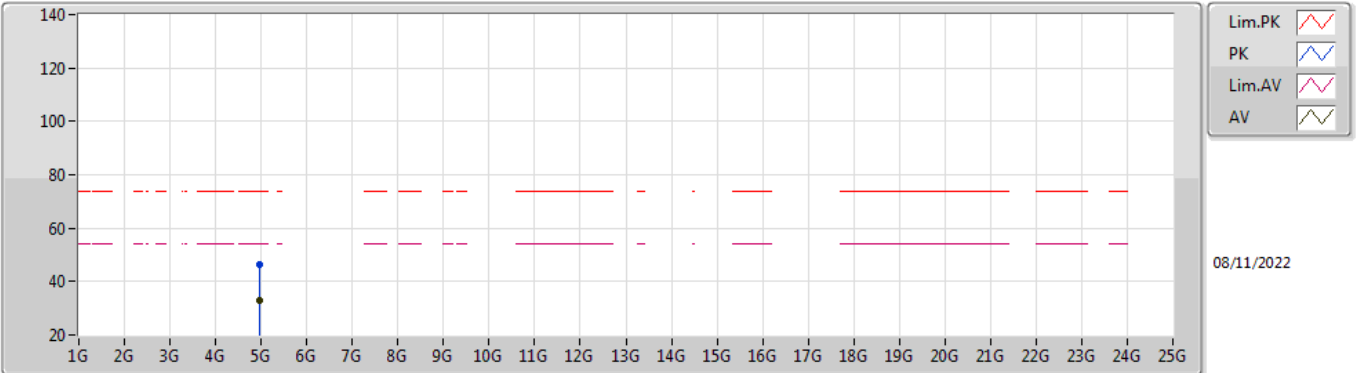


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.96G	47.14	74.00	-26.86	41.18	3	Vertical	80	2.69	-	32.96	5.86	32.86
AV	4.96004G	33.05	54.00	-20.95	27.09	3	Vertical	80	2.69	-	32.96	5.86	32.86

BT-LE(1Mbps)

2480MHz_TX

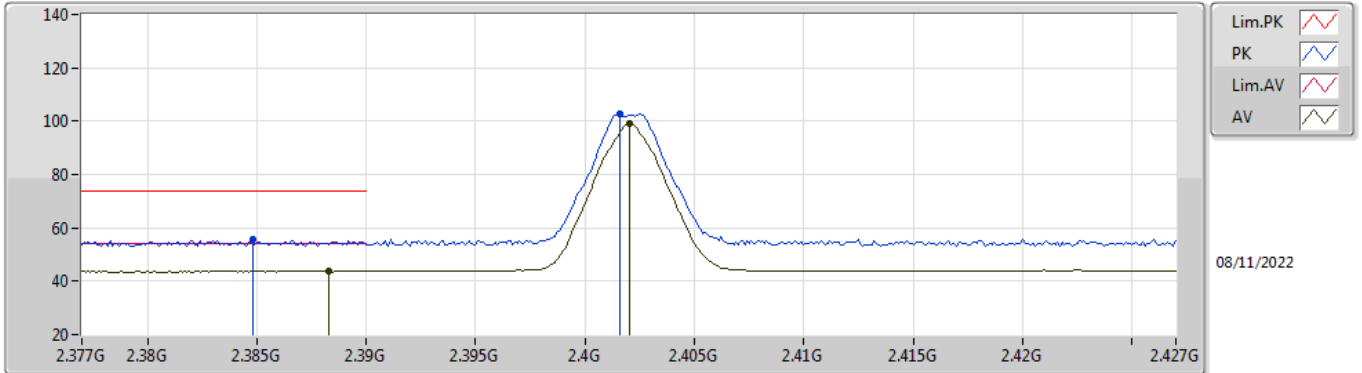


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.96037G	46.38	74.00	-27.62	40.42	3	Horizontal	123	2.77	-	32.96	5.86	32.86
AV	4.96011G	33.12	54.00	-20.88	27.16	3	Horizontal	123	2.77	-	32.96	5.86	32.86

BT-LE(2Mbps)

2402MHz_TX

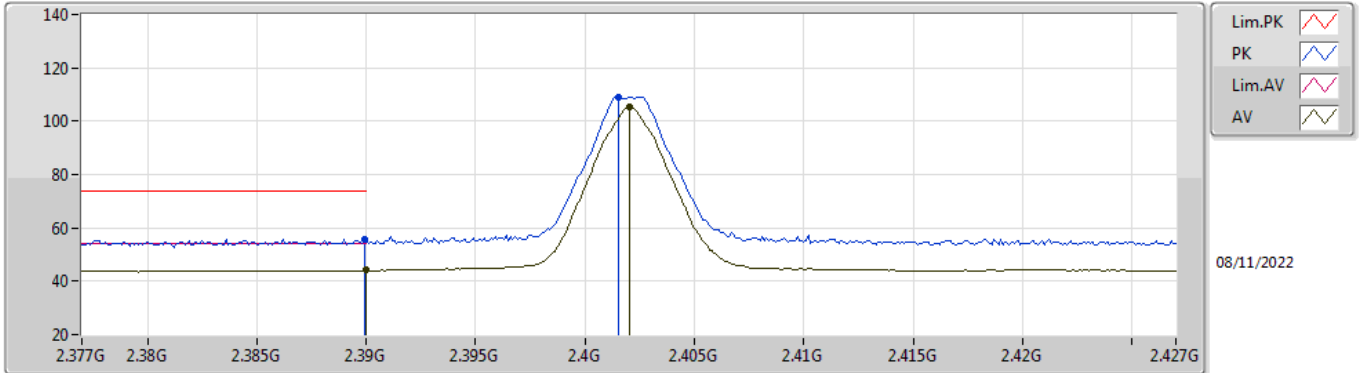


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.3848G	55.53	74.00	-18.47	24.64	3	Vertical	207	1.25	-	27.31	3.58	-	
AV	2.3883G	43.87	54.00	-10.13	12.95	3	Vertical	207	1.25	-	27.33	3.59	-	
PK	2.4016G	102.57	Inf	-Inf	71.56	3	Vertical	207	1.25	-	27.41	3.60	-	
AV	2.402G	98.90	Inf	-Inf	67.89	3	Vertical	207	1.25	-	27.41	3.60	-	

BT-LE(2Mbps)

2402MHz_TX

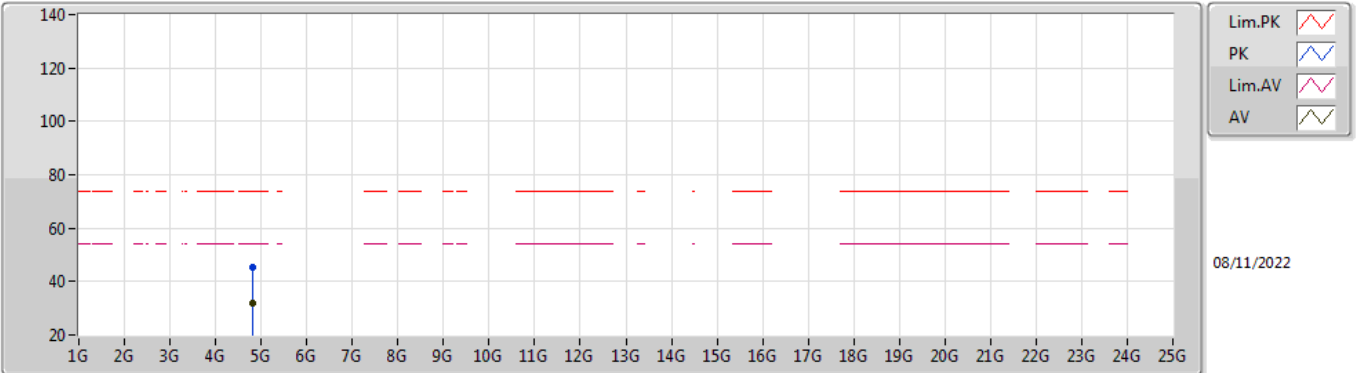


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.3899G	55.92	74.00	-18.08	24.99	3	Horizontal	186	2.54	-	27.34	3.59	-	
AV	2.39G	44.13	54.00	-9.87	13.20	3	Horizontal	186	2.54	-	27.34	3.59	-	
PK	2.4015G	109.13	Inf	-Inf	78.12	3	Horizontal	186	2.54	-	27.41	3.60	-	
AV	2.402G	105.17	Inf	-Inf	74.16	3	Horizontal	186	2.54	-	27.41	3.60	-	

BT-LE(2Mbps)

2402MHz_TX

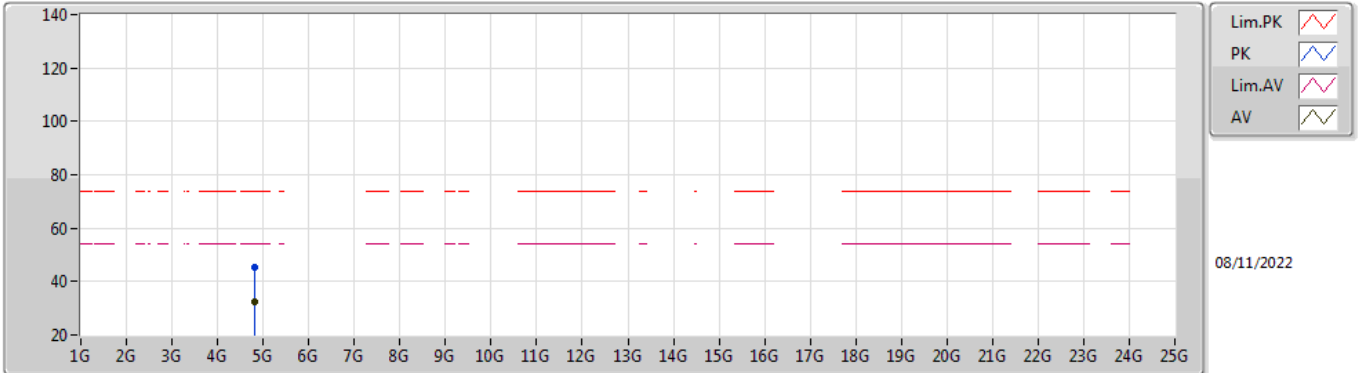


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.8043G	45.53	74.00	-28.47	40.40	3	Vertical	262	1.37	-	32.32	5.70	32.89	
AV	4.80446G	32.06	54.00	-21.94	26.93	3	Vertical	262	1.37	-	32.32	5.70	32.89	

BT-LE(2Mbps)

2402MHz_TX

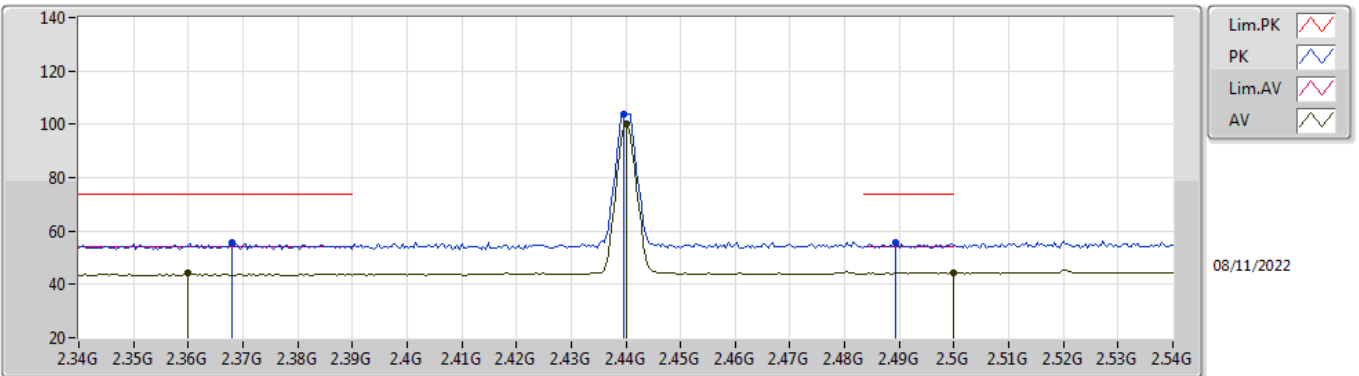


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.80428G	45.58	74.00	-28.42	40.45	3	Horizontal	173	1.37	-	32.32	5.70	32.89	
AV	4.80449G	32.20	54.00	-21.80	27.07	3	Horizontal	173	1.37	-	32.32	5.70	32.89	

BT-LE(2Mbps)

2440MHz_TX

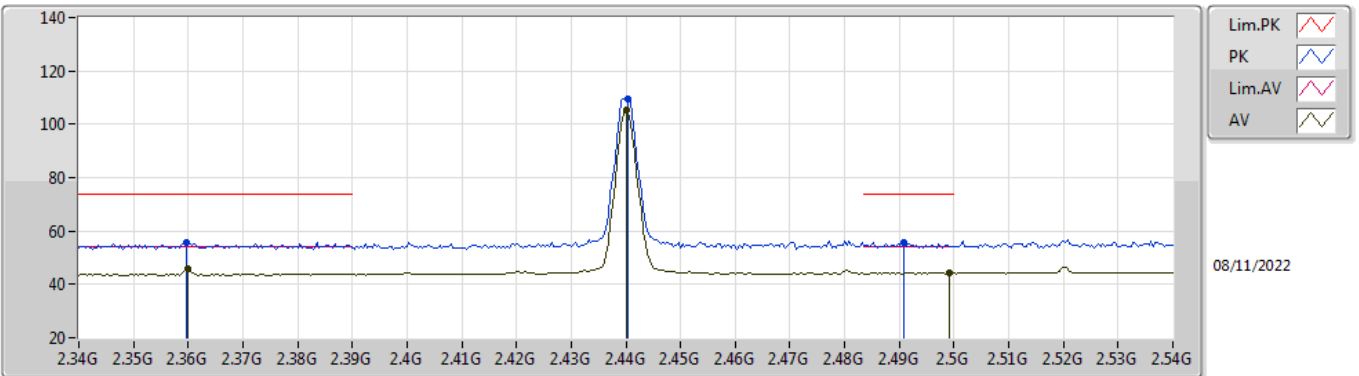


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.368G	55.49	74.00	-18.51	24.71	3	Vertical	214	3.00	-	27.21	3.57	-
AV	2.36G	44.12	54.00	-9.88	13.40	3	Vertical	214	3.00	-	27.16	3.56	-
PK	2.4396G	103.95	Inf	-Inf	72.77	3	Vertical	214	3.00	-	27.56	3.62	-
AV	2.44G	100.37	Inf	-Inf	69.19	3	Vertical	214	3.00	-	27.56	3.62	-
PK	2.4892G	55.60	74.00	-18.40	24.12	3	Vertical	214	3.00	-	27.84	3.64	-
AV	2.5G	44.26	54.00	-9.74	12.71	3	Vertical	214	3.00	-	27.90	3.65	-

BT-LE(2Mbps)

2440MHz_TX

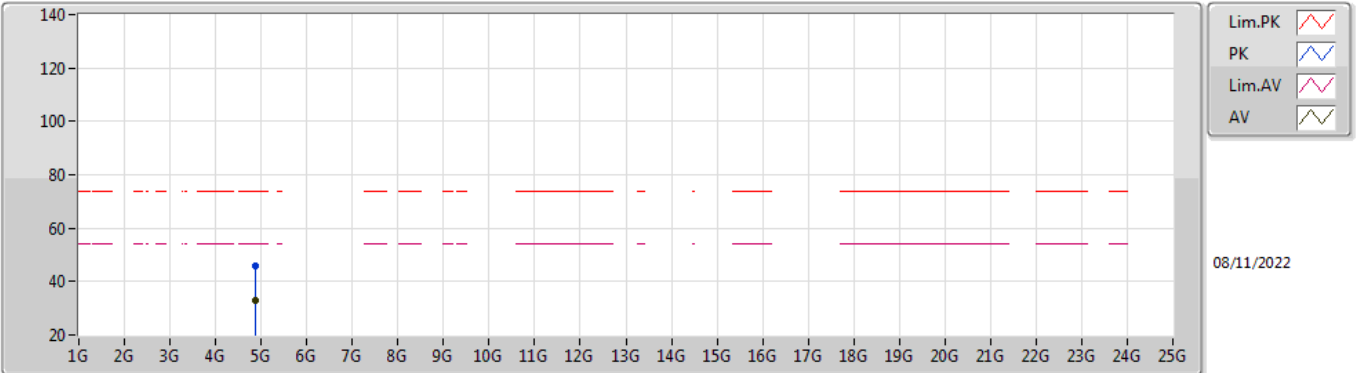


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.3596G	55.87	74.00	-18.13	25.15	3	Horizontal	184	2.74	-	27.16	3.56	-
AV	2.36G	45.68	54.00	-8.32	14.96	3	Horizontal	184	2.74	-	27.16	3.56	-
PK	2.4404G	109.31	Inf	-Inf	78.13	3	Horizontal	184	2.74	-	27.56	3.62	-
AV	2.44G	105.52	Inf	-Inf	74.34	3	Horizontal	184	2.74	-	27.56	3.62	-
PK	2.4908G	55.73	74.00	-18.27	24.24	3	Horizontal	184	2.74	-	27.84	3.65	-
AV	2.4992G	44.35	54.00	-9.65	12.80	3	Horizontal	184	2.74	-	27.90	3.65	-

BT-LE(2Mbps)

2440MHz_TX

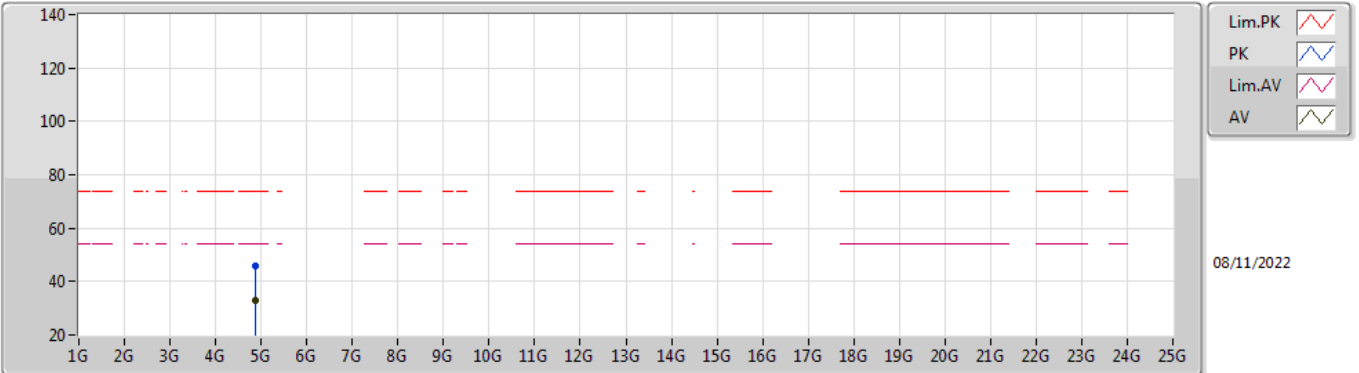


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.88636G	45.93	74.00	-28.07	40.44	3	Vertical	270	1.29	-	32.57	5.79	32.87	
AV	4.87184G	32.91	54.00	-21.09	27.48	3	Vertical	270	1.29	-	32.54	5.77	32.88	

BT-LE(2Mbps)

2440MHz_TX

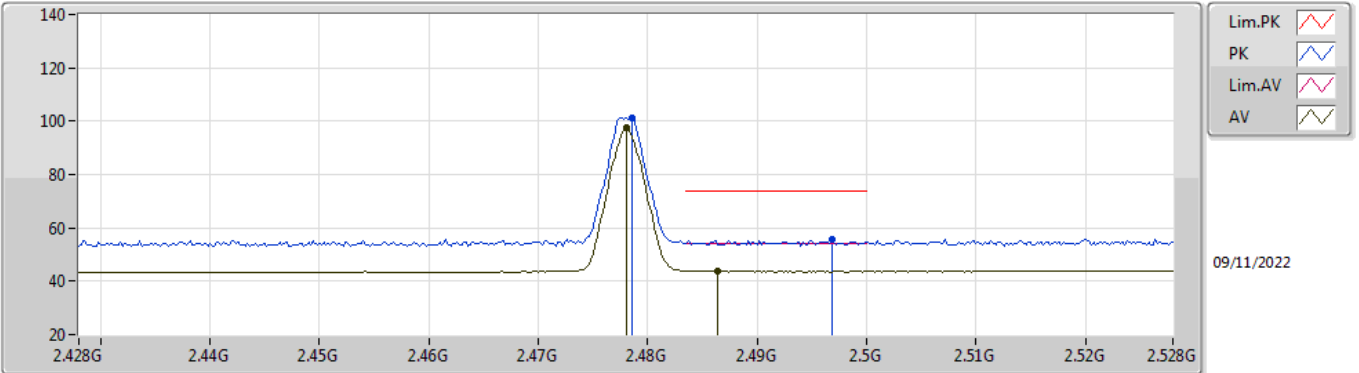


EUT V_1TX
Setting 0x39
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	4.88768G	45.96	74.00	-28.04	40.46	3	Horizontal	270	2.19	-	32.58	5.79	32.87	
AV	4.87712G	33.02	54.00	-20.98	27.56	3	Horizontal	270	2.19	-	32.55	5.78	32.87	

BT-LE(2Mbps)

2478MHz_TX

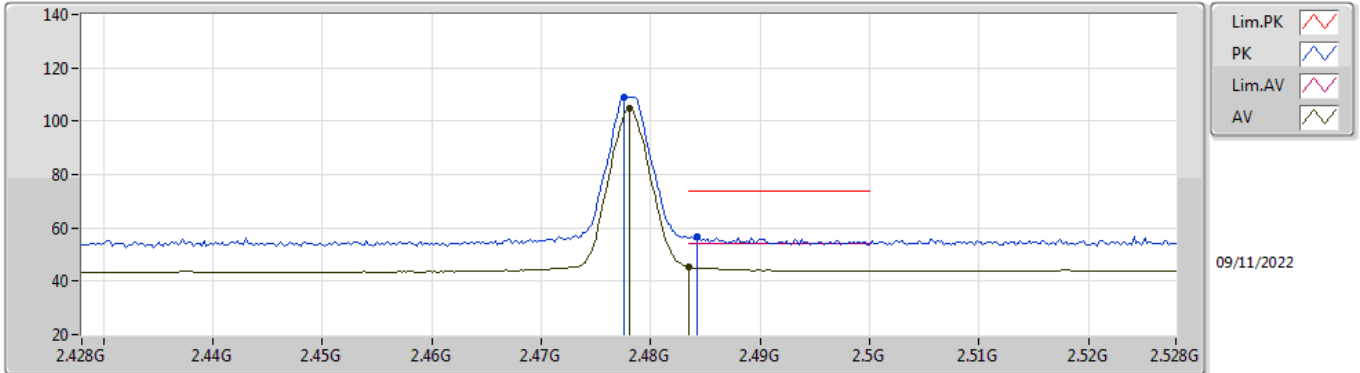


EUT V_1TX
Setting 0x39
01-D-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4786G	101.35	Inf	-Inf	69.94	3	Vertical	210	2.98	-	27.77	3.64	-	
AV	2.478G	97.39	Inf	-Inf	65.98	3	Vertical	210	2.98	-	27.77	3.64	-	
PK	2.4968G	55.50	74.00	-18.50	23.97	3	Vertical	210	2.98	-	27.88	3.65	-	
AV	2.4864G	43.87	54.00	-10.13	12.41	3	Vertical	210	2.98	-	27.82	3.64	-	

BT-LE(2Mbps)

2478MHz_TX

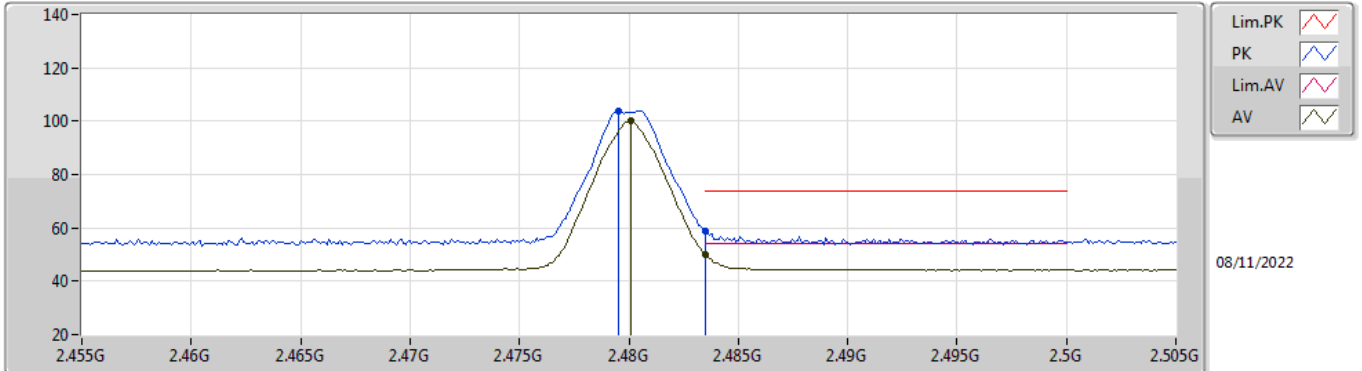


EUT V_1TX
Setting 0x39
01-D-C-6

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4776G	109.11	Inf	-Inf	77.70	3	Horizontal	0	2.35	-	27.77	3.64	-	
AV	2.478G	105.08	Inf	-Inf	73.67	3	Horizontal	0	2.35	-	27.77	3.64	-	
PK	2.4842G	56.74	74.00	-17.26	25.29	3	Horizontal	0	2.35	-	27.81	3.64	-	
AV	2.4835G	45.38	54.00	-8.62	13.94	3	Horizontal	0	2.35	-	27.80	3.64	-	

BT-LE(2Mbps)

2480MHz_TX

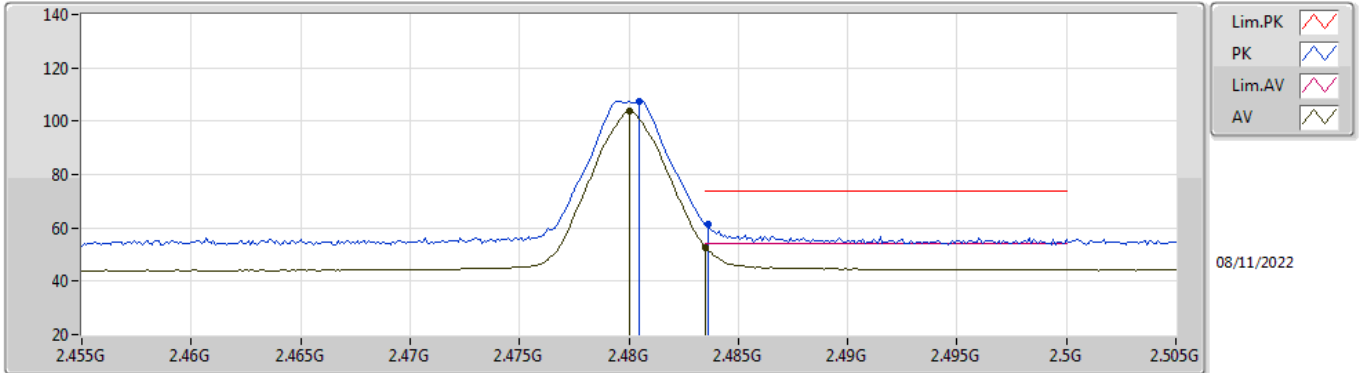


EUT V_1TX
Setting 0x33
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4795G	103.73	Inf	-Inf	72.31	3	Vertical	200	2.86	-	27.78	3.64	-	
AV	2.4801G	100.10	Inf	-Inf	68.68	3	Vertical	200	2.86	-	27.78	3.64	-	
PK	2.4835G	58.69	74.00	-15.31	27.25	3	Vertical	200	2.86	-	27.80	3.64	-	
AV	2.4835G	50.03	54.00	-3.97	18.59	3	Vertical	200	2.86	-	27.80	3.64	-	

BT-LE(2Mbps)

2480MHz_TX

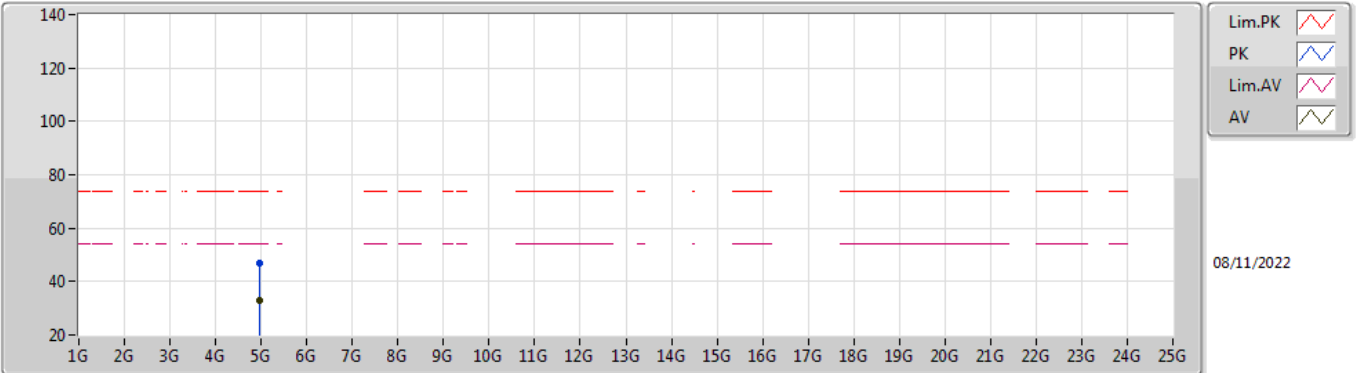


EUT V_1TX
Setting 0x33
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	2.4805G	107.36	Inf	-Inf	75.94	3	Horizontal	186	2.57	-	27.78	3.64	-	
AV	2.48G	103.77	Inf	-Inf	72.35	3	Horizontal	186	2.57	-	27.78	3.64	-	
PK	2.4836G	61.40	74.00	-12.60	29.96	3	Horizontal	186	2.57	-	27.80	3.64	-	
AV	2.4835G	52.84	54.00	-1.16	21.40	3	Horizontal	186	2.57	-	27.80	3.64	-	

BT-LE(2Mbps)

2480MHz_TX

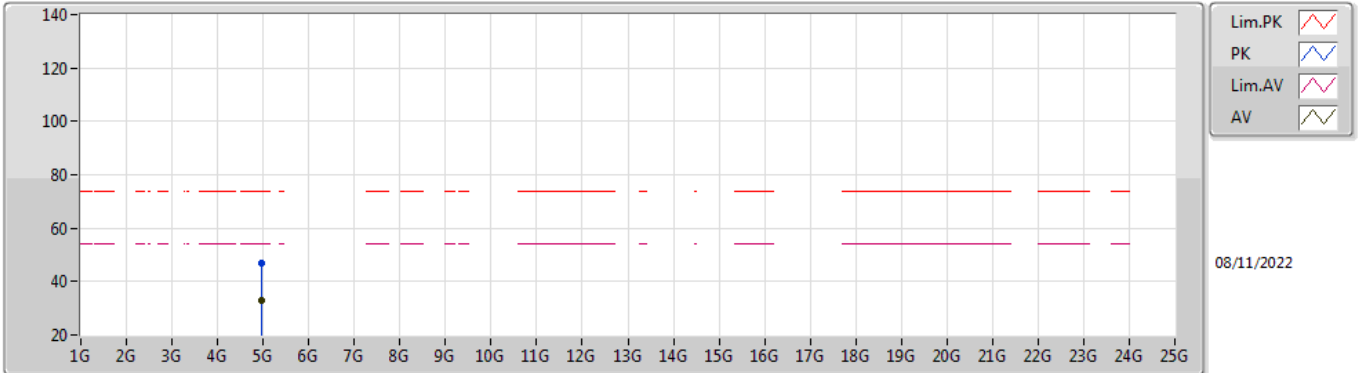


EUT V_1TX
Setting 0x33
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.95965G	46.80	74.00	-27.20	40.84	3	Vertical	135	1.06	-	32.96	5.86	32.86
AV	4.9603G	33.09	54.00	-20.91	27.13	3	Vertical	135	1.06	-	32.96	5.86	32.86

BT-LE(2Mbps)

2480MHz_TX



EUT V_1TX
Setting 0x33
01-D-B-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	4.96001G	47.08	74.00	-26.92	41.12	3	Horizontal	172	2.08	-	32.96	5.86	32.86
AV	4.95963G	33.04	54.00	-20.96	27.08	3	Horizontal	172	2.08	-	32.96	5.86	32.86