



RADIO TEST REPORT

FCC ID : 2AZAM-MXTC
Equipment : Traeger x MEATER Wireless Meat Probe 2 Pack
Brand Name : Traeger Pellet Grills LLC
Model Name : BAC618
Applicant : Traeger Pellet Grills LLC
1215 Wilmington Ave Ste 200 Salt Lake City Utah
84106 United States
Manufacturer : AboCom Systems, Inc.
No 77. Yu-Yih rd, Chu-Nan Chen, Miao-Lih Hsuan,
Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 15.247

The product was received on Mar. 24, 2021, and testing was started from Apr. 14, 2021 and completed on Apr. 29, 2021. 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 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.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	6
1.3 Testing Location Information	6
1.4 Measurement Uncertainty	6
2 Test Configuration of EUT	7
2.1 Test Channel Mode	7
2.2 The Worst Case Measurement Configuration.....	8
2.3 EUT Operation during Test	8
2.4 Accessories	9
2.5 Support Equipment.....	9
2.6 Test Setup Diagram	10
3 Transmitter Test Result	12
3.1 DTS Bandwidth	12
3.2 Maximum Conducted Output Power	13
3.3 Power Spectral Density	16
3.4 Emissions in Non-restricted Frequency Bands	18
3.5 Emissions in Restricted Frequency Bands.....	19
4 Test Equipment and Calibration Data	23
Appendix A. Test Results of DTS Bandwidth	
Appendix B. Test Results of Maximum Conducted Output Power	
Appendix C. Test Results of Power Spectral Density	
Appendix D. Test Results of Emissions in Non-restricted Frequency Bands	
Appendix E. Test Results of Emissions in Restricted Frequency Bands	
Appendix F. Test Photos	
Photographs of EUT v02	



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



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
-	15.207	AC Power-line Conducted Emissions	N/A	Note
3.1	15.247(a)	DTS Bandwidth	PASS	-
3.2	15.247(b)	Maximum Conducted Output Power	PASS	-
3.3	15.247(e)	Power Spectral Density	PASS	-
3.4	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.5	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-
Note: It was supplied power by battery for EUT; it's not necessary to apply to AC Power Port Conducted emission test.				

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:

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: Sandy Chuang



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
2.4G	BT-LE(1Mbps)	1	1

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	Meater	N/A	PCB Antenna	N/A	2

Note: The above information was declared by manufacturer.

For Bluetooth mode (1TX/1RX):

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
BT-LE(1Mbps)	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From battery (DC 1.5V)		
Function	☒ Point-to-multipoint	☐ Point-to-point	
Test Software Version	SmratRF Studio7(V2.13.1)		
Support Mode	☒	LE 1M PHY: 1 Mb/s	
	☐	LE Coded PHY (S=2): 500 Kb/s	
	☐	LE Coded PHY (S=8): 125 Kb/s	
	☐	LE 2M PHY: 2 Mb/s	

Note: The above information was declared by manufacturer.



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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Eddie Weng	24.4-25 / 62-67	Apr. 29, 2021
Radiated (Below 1GHz)	03CH06-CB	Stim Sun	20.1-21.3 / 56-58	Apr. 14, 2021
Radiated (Above 1GHz)	03CH04-CB	Cola Fan	21.4-22.5 / 57-58	Apr. 28, 2021

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
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	2
2440MHz	2
2480MHz	4

2.2 The Worst Case Measurement Configuration

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	Normal Link
1	Charge Mode - EUT at Z-axis
2	Charge Mode - EUT at Y-axis
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	Standby Mode - EUT at Z-axis
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Battery	TOSHIBA	LR03GCL	DC 1.5V

2.5 Support Equipment

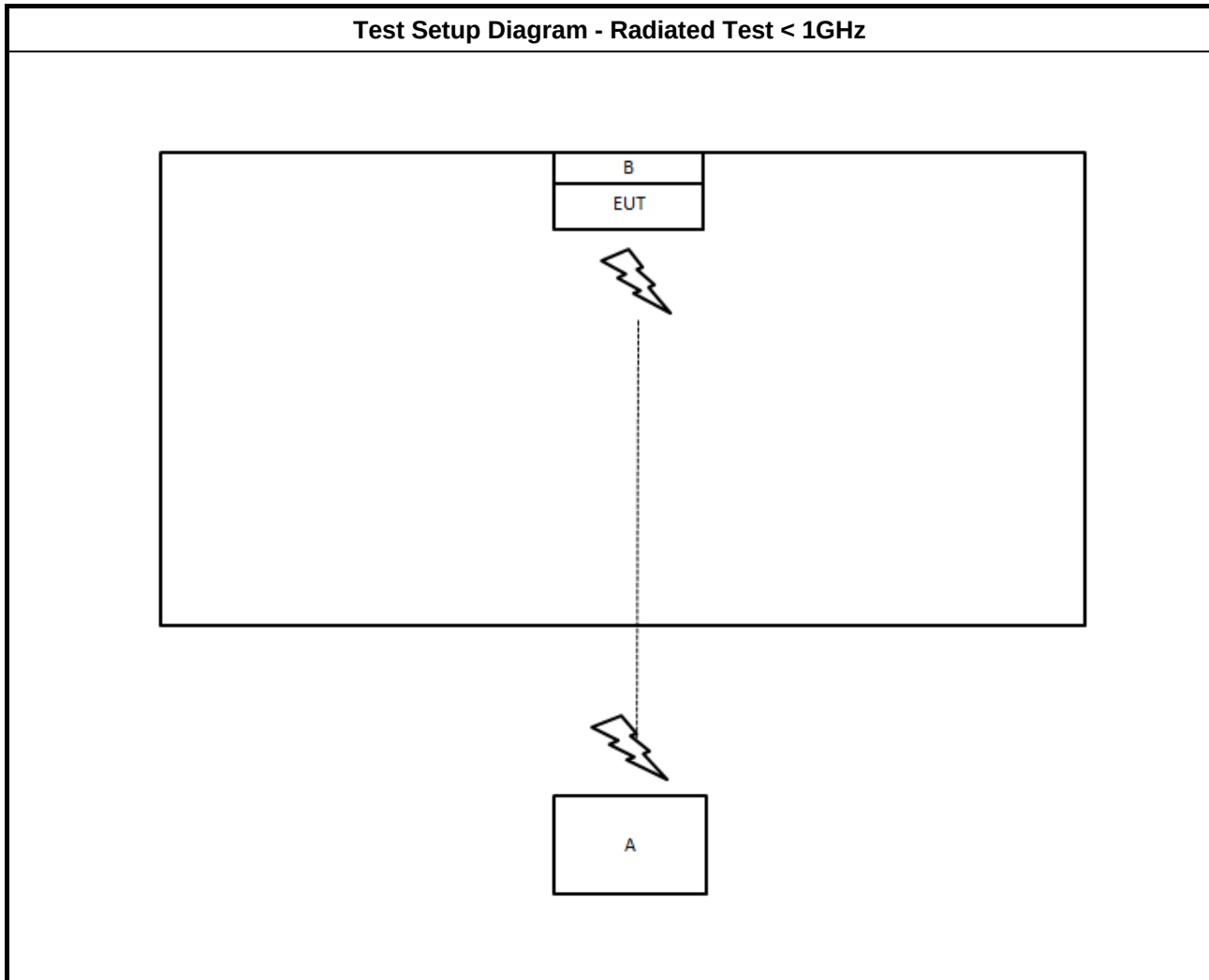
For Radiated (below 1GHz):

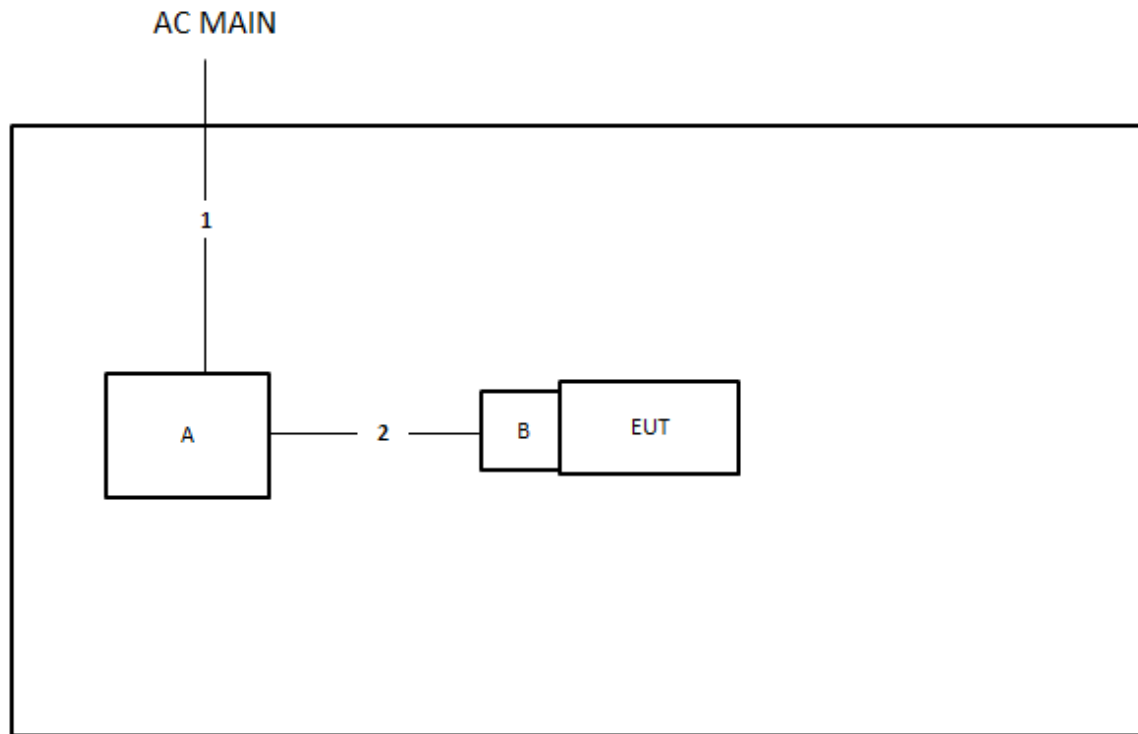
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	iPad	Apple	A1430	N/A
B	Probe	N/A	N/A	N/A

For Radiated (above 1GHz) and RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Fixture	T1	LAUNCHXL-CC2640R2	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test > 1GHz


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

3 Transmitter Test Result

3.1 DTS Bandwidth

3.1.1 6dB Bandwidth Limit

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

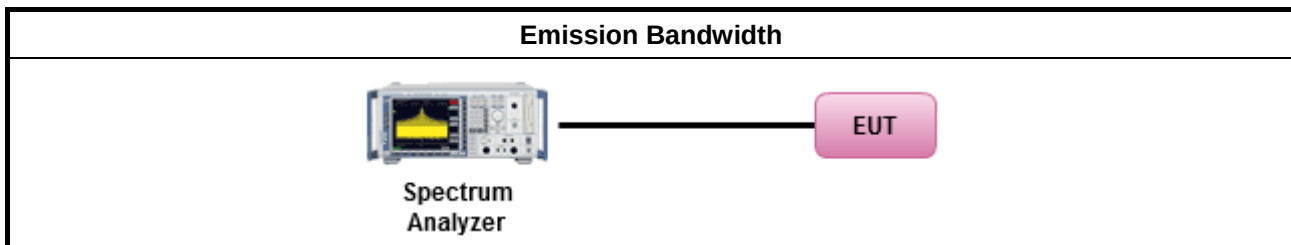
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

Test Method	
▪	For the emission bandwidth shall be measured using one of the options below:
☒	Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
☐	Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 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
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

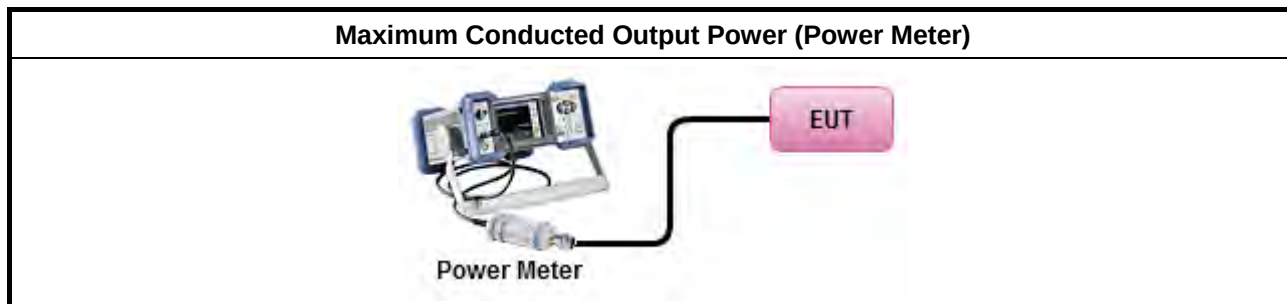
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
Maximum Peak Conducted Output Power	
☐	Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
☐	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as FCC 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]) $EIRP_{total} = P_{total} + DG$	

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



3.3 Power Spectral Density

3.3.1 Power Spectral Density Limit

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

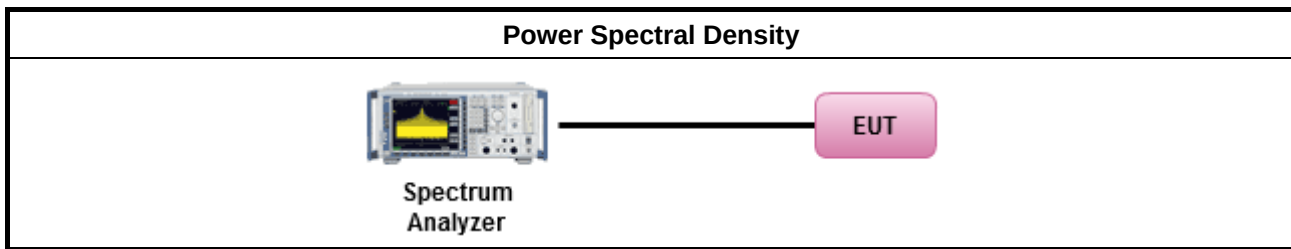
3.3.2 Measuring Instruments

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

3.3.3 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 FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD. [duty cycle $\geq 98\%$ or external video / power trigger]
▪ For conducted measurement.	
▪ If The EUT supports multiple transmit chains using options given below:	
☐	Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add $10 \log(N)$ dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with $10 \log(N)$. Or each transmit chains shall be add $10 \log(N)$ to compared with the limit.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Emissions in Non-restricted Frequency Bands

3.4.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dBc)
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 PSD 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 PSD level.	

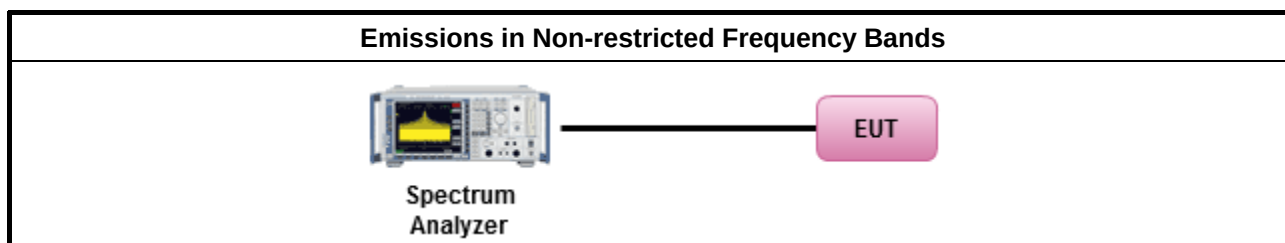
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.4.4 Test Setup



3.4.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix D

3.5 Emissions in Restricted Frequency Bands

3.5.1 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.

3.5.2 Measuring Instruments

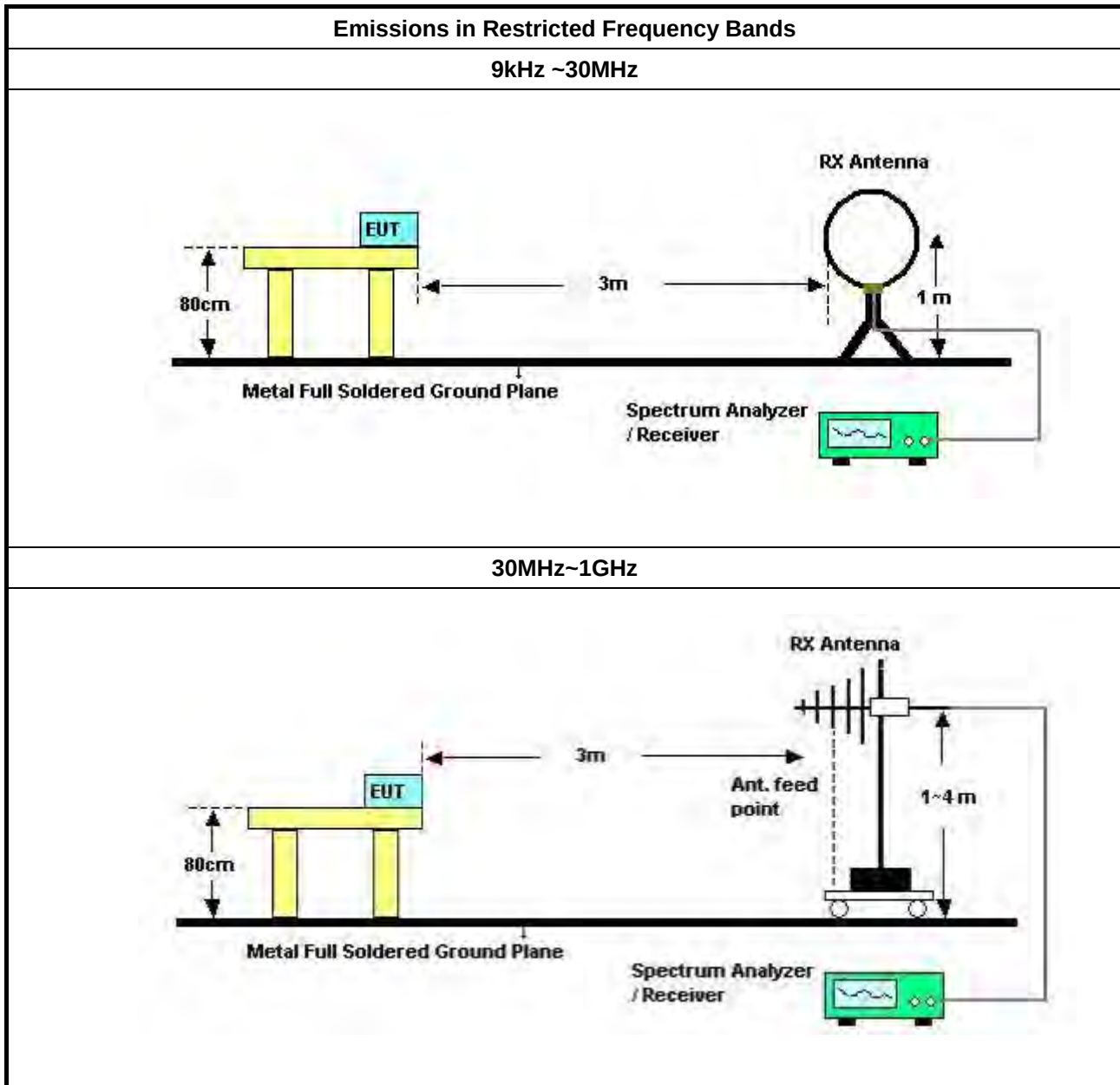
Refer a test equipment and calibration data table in this test report.

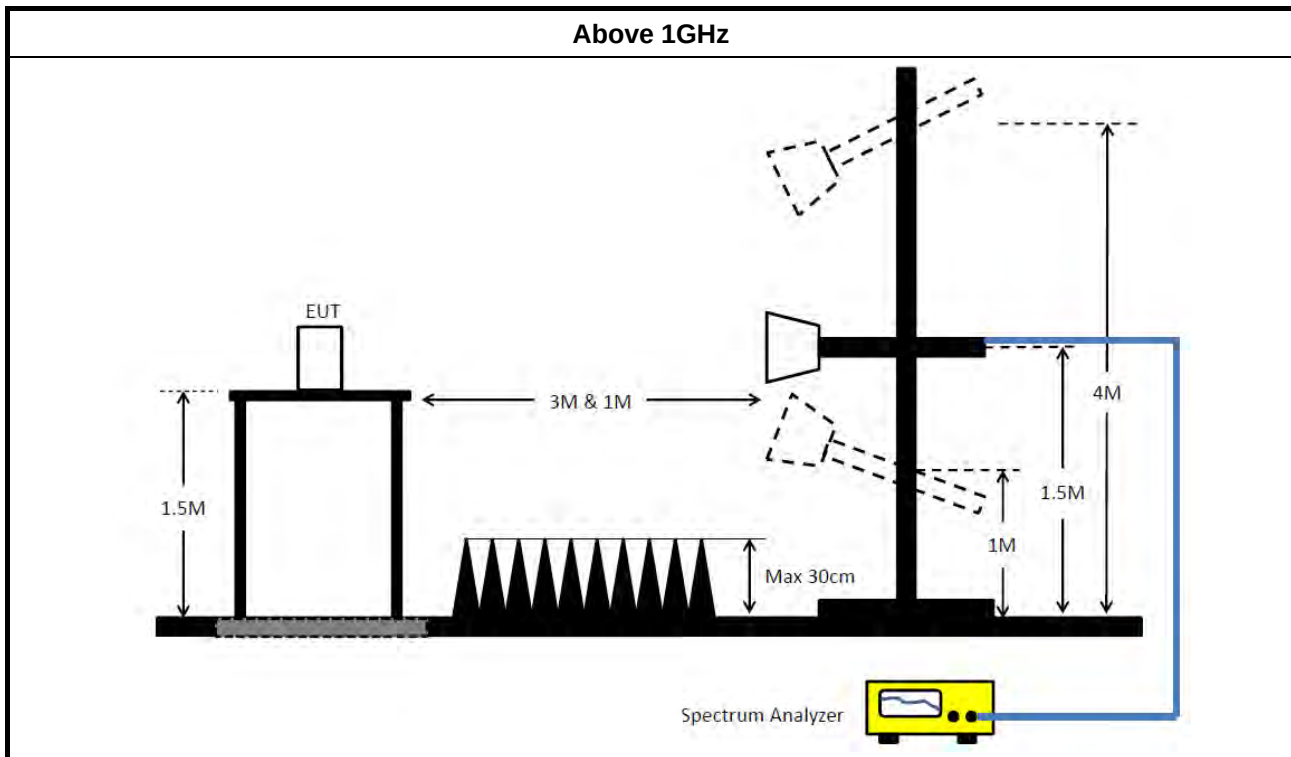


3.5.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 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 FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle $\geq 98\%$).
	☐ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:	
	▪ 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.
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.
	▪ 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).
	▪ 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
	▪ 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.

3.5.4 Test Setup





3.5.5 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.

3.5.6 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.

3.5.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 02, 2020	Aug. 01, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 15, 2020	Dec. 14, 2021	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 25, 2021	Feb. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 23, 2020	Oct. 22, 2021	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 14, 2020	Jul. 13, 2021	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Nov. 05, 2020	Nov. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 31, 2020	Dec. 30, 2021	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 17, 2020	Aug. 16, 2021	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 17, 2020	Aug. 16, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz ~18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz ~18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz ~18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

NCR means Non-Calibration required.

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)	703.75k	1.066M	1M07F1D	676.25k	1.046M

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

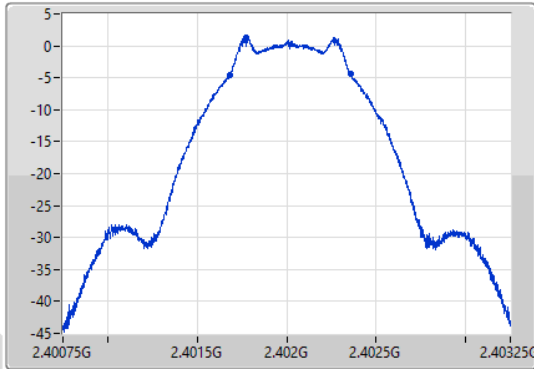
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	676.25k	1.046M
2440MHz	Pass	500k	703.75k	1.061M
2480MHz	Pass	500k	698.75k	1.066M

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

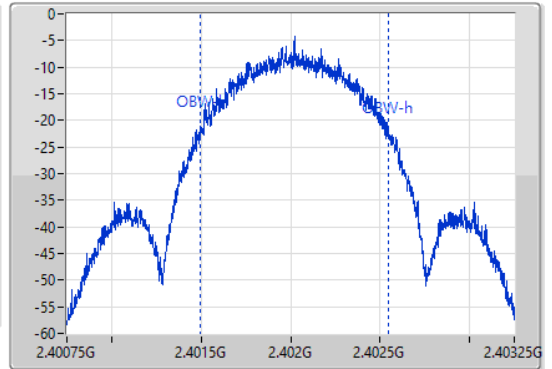
BT-LE(1Mbps)
2402MHz

29/04/2021

CF
2.402GHz
Span
2.5MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.402GHz
Span
2.5MHz
RBW
10kHz
VBW
30kHz
Sweep Time
100ms
Detector Type
Peak

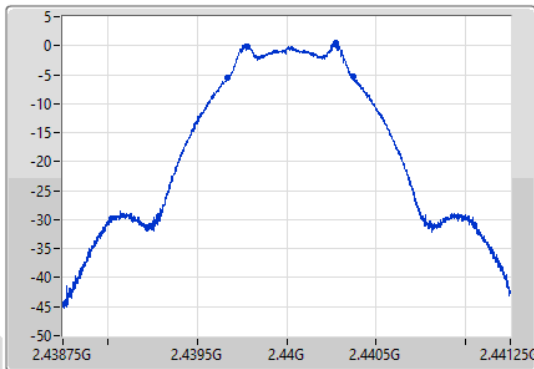


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
676.25k	2.401684G	2.40236G	1.046M	2.401498G	2.402543G	500k	1

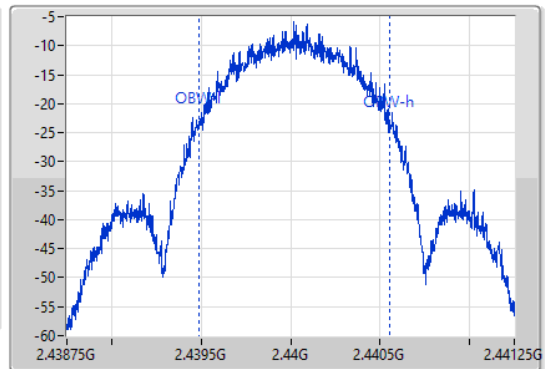
BT-LE(1Mbps)
2440MHz

29/04/2021

CF
2.44GHz
Span
2.5MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1



CF
2.44GHz
Span
2.5MHz
RBW
10kHz
VBW
30kHz
Sweep Time
100ms
Detector Type
Peak



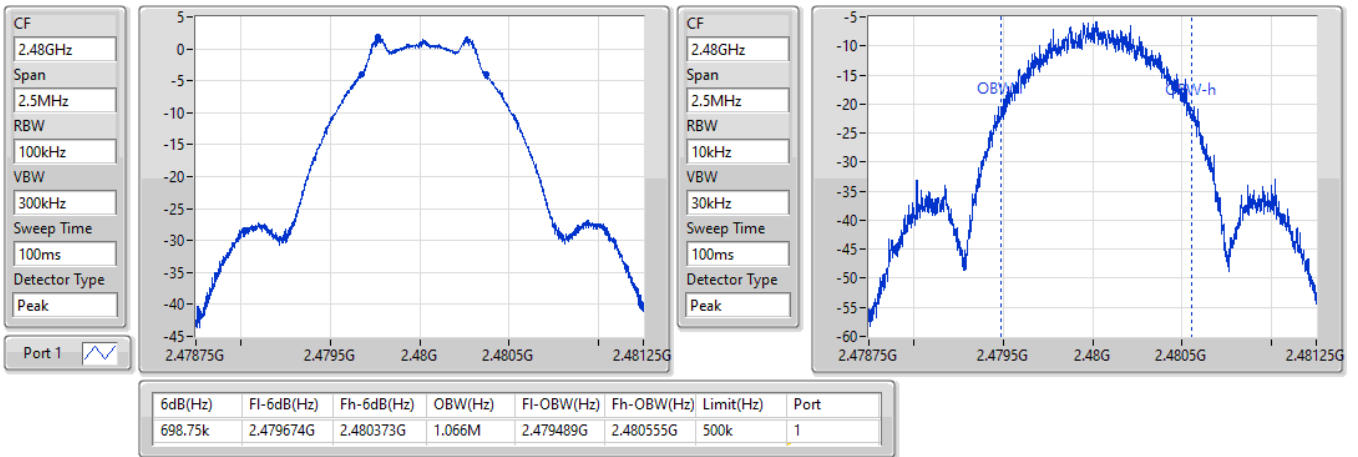
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
703.75k	2.439671G	2.440375G	1.061M	2.439492G	2.440552G	500k	1

BT-LE(1Mbps)

2480MHz

EBW

29/04/2021





Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	1.78	0.00151



Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	2.00	1.11	30.00
2440MHz	Pass	2.00	0.32	30.00
2480MHz	Pass	2.00	1.78	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-11.83

RBW=3 kHz.

Result

Mode	Result	Gain (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	2.00	-12.95	8.00
2440MHz	Pass	2.00	-13.42	8.00
2480MHz	Pass	2.00	-11.83	8.00

DG = Directional Gain; RBW=3 kHz;

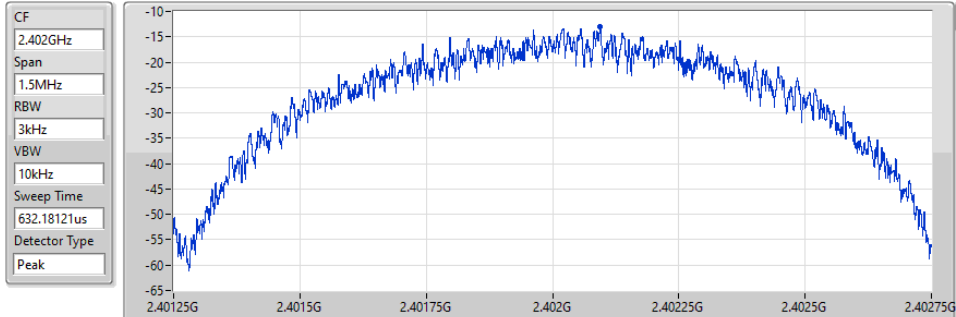
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

BT-LE(1Mbps)

PSD

2402MHz

29/04/2021



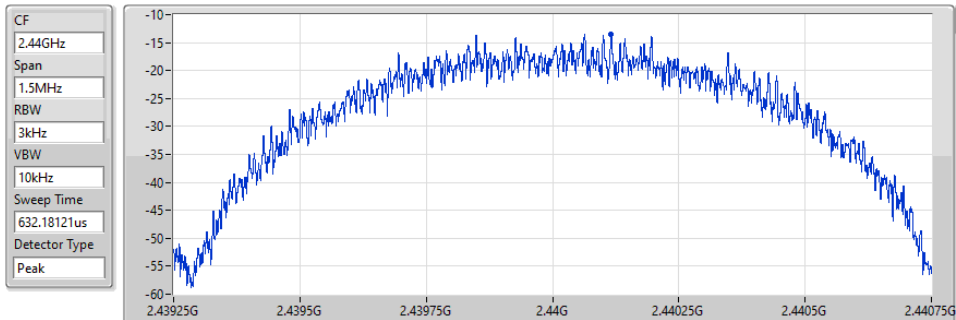
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-12.95	-12.95	-12.95

BT-LE(1Mbps)

PSD

2440MHz

29/04/2021



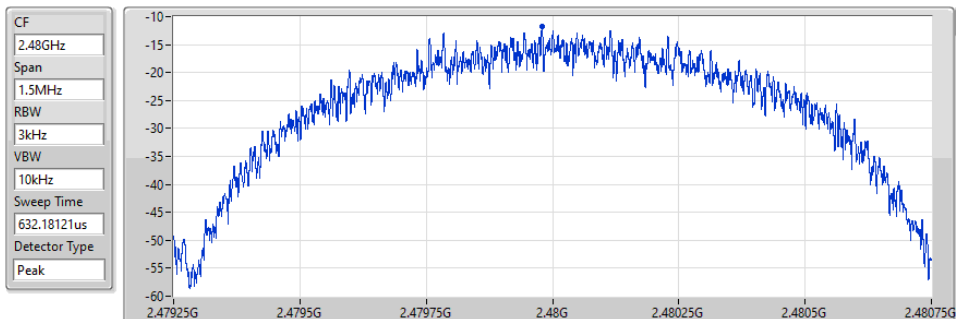
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-13.42	-13.42	-13.42

BT-LE(1Mbps)

PSD

2480MHz

29/04/2021



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-11.83	-11.83	-11.83



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	2.48029G	1.19	-28.81	2.07186G	-52.53	2.39999G	-48.71	2.4G	-47.17	2.48932G	-50.72	15.10435G	-46.38	1

Result

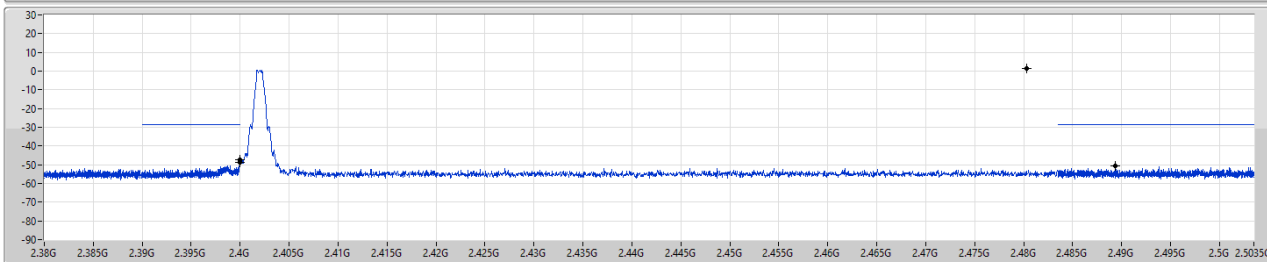
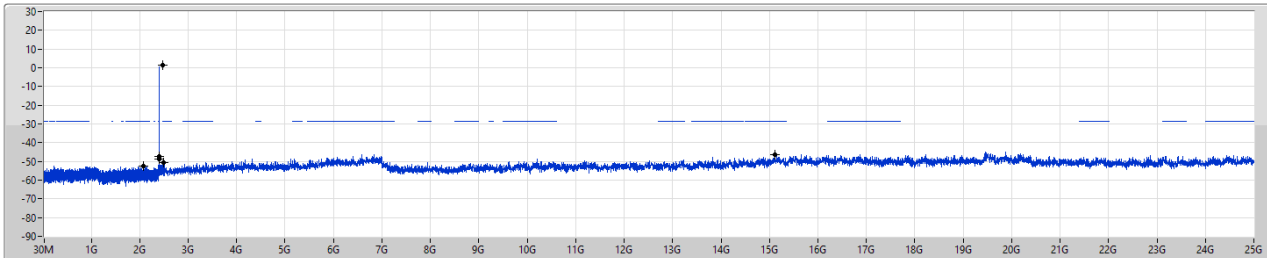
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.48029G	1.19	-28.81	2.07186G	-52.53	2.39999G	-48.71	2.4G	-47.17	2.48932G	-50.72	15.10435G	-46.38	1
2440MHz	Pass	2.48029G	1.19	-28.81	2.18084G	-52.85	2.39024G	-51.00	2.4835G	-54.55	2.48461G	-51.72	23.12998G	-45.34	1
2480MHz	Pass	2.48029G	1.19	-28.81	903.61M	-52.31	2.39331G	-51.54	2.4835G	-52.11	2.49483G	-50.84	24.86783G	-46.37	1

BT-LE(1Mbps)

2402MHz

CSE NdB

29/04/2021



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

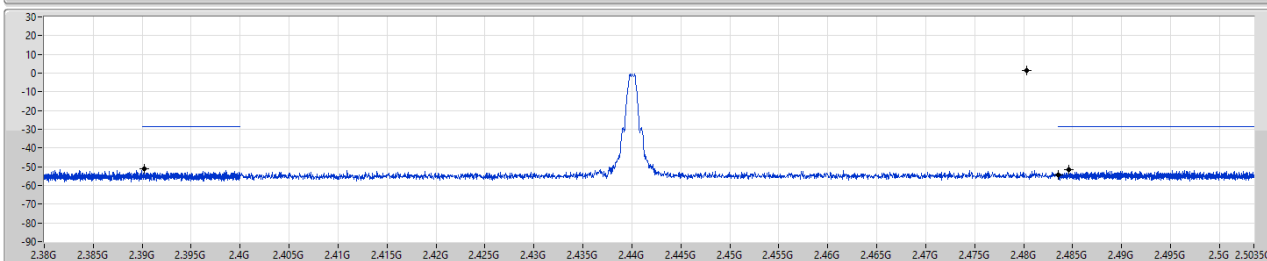
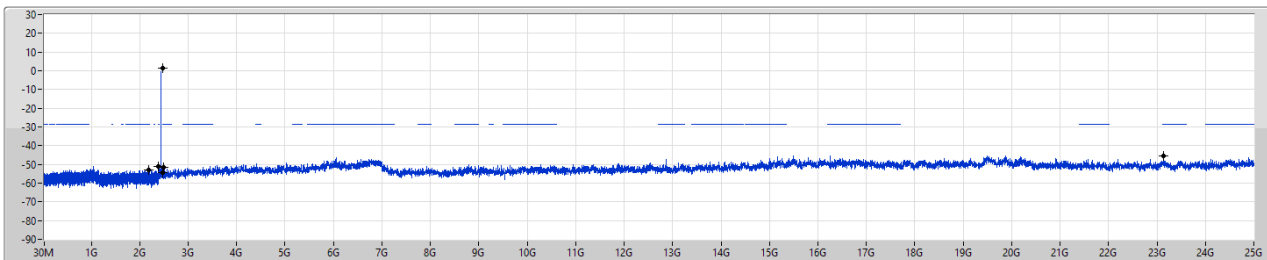
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.48029G	1.19	-28.81	2.07186G	-52.53	2.39999G	-48.71	2.4G	-47.17	2.48932G	-50.72	15.10435G	-46.38	1

BT-LE(1Mbps)

2440MHz

CSE NdB

29/04/2021



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
2.48029G	1.19	-28.81	2.18084G	-52.85	2.39024G	-51.00	2.4835G	-54.55	2.48461G	-51.72	23.12998G	-45.34	1

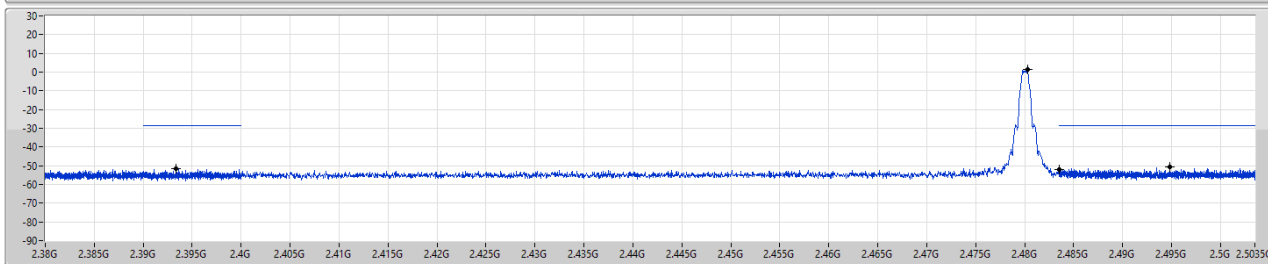
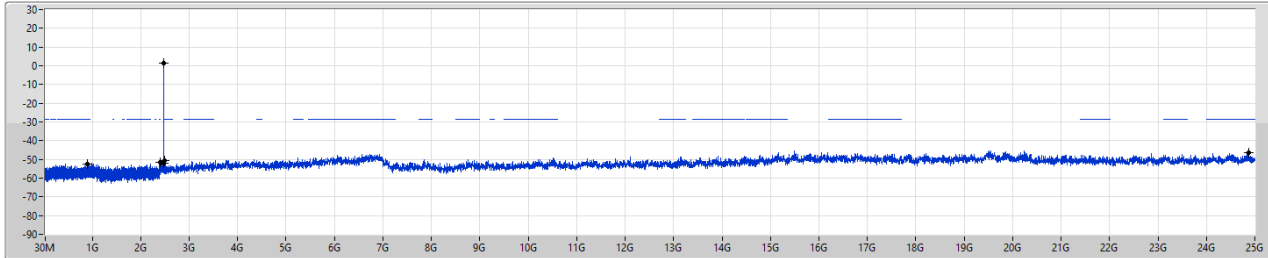
BT-LE(1Mbps)

2480MHz

CSE NdB

29/04/2021

Port 1



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
2.48029G	1.19	-28.81	903.61M	-52.31	2.39331G	-51.54	2.4835G	-52.11	2.49483G	-50.84	2.48783G	-46.37	1



Radiated Emissions below 1GHz

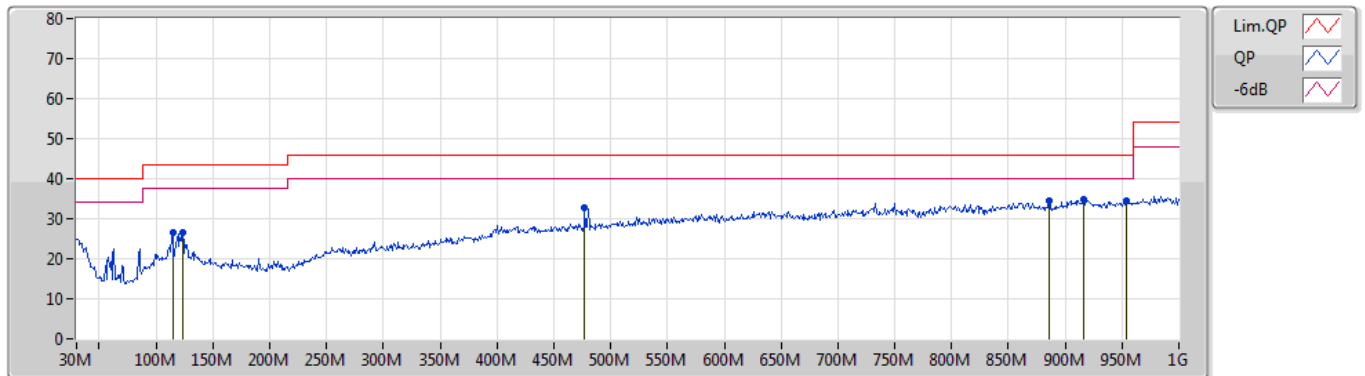
Appendix E.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	746.83M	36.93	46.00	-9.07	Horizontal

Mode 3

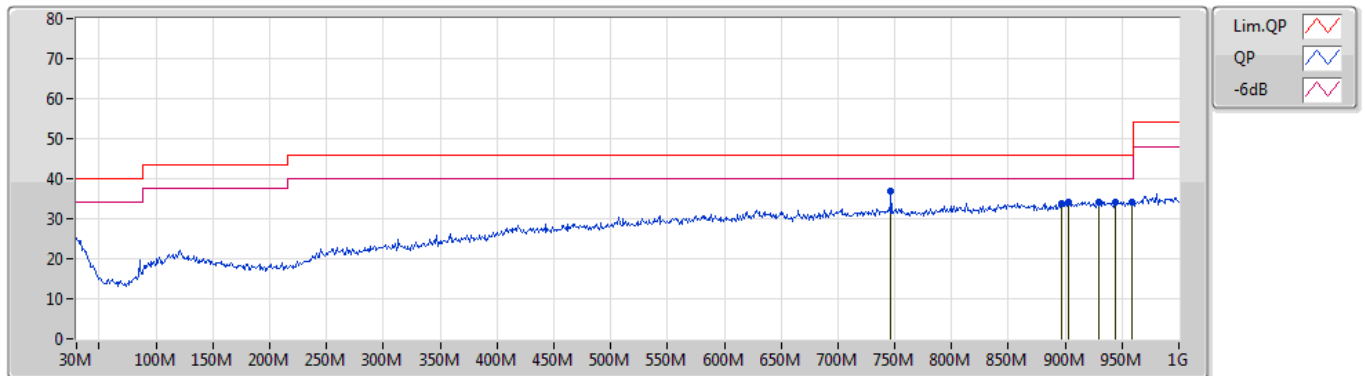
14/04/2021



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	114.39M	26.42	43.50	-17.08	-12.22	3	Vertical	0	1.00	-	38.64	18.15	1.94	32.31
PK	123.12M	26.51	43.50	-16.99	-12.06	3	Vertical	325	1.50	-	38.57	18.23	2.02	32.31
PK	477.17M	32.76	46.00	-13.24	-4.59	3	Vertical	60	1.50	-	37.35	23.34	4.16	32.09
PK	885.54M	34.51	46.00	-11.49	0.86	3	Vertical	359	1.50	-	33.65	26.38	5.84	31.36
PK	916.58M	34.73	46.00	-11.27	1.48	3	Vertical	264	2.00	"Worst"	33.25	26.67	5.97	31.16
PK	953.44M	34.59	46.00	-11.41	2.03	3	Vertical	40	1.25	-	32.56	26.76	6.11	30.84

Mode 3

14/04/2021



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	746.83M	36.93	46.00	-9.07	-0.87	3	Horizontal	274	1.50	"Worst"	37.80	25.67	5.38	31.92
PK	896.21M	33.89	46.00	-12.11	1.09	3	Horizontal	271	1.00	-	32.80	26.53	5.88	31.32
PK	903M	34.06	46.00	-11.94	1.24	3	Horizontal	205	1.25	-	32.82	26.61	5.91	31.28
PK	930.16M	34.17	46.00	-11.83	1.57	3	Horizontal	360	1.25	-	32.60	26.59	6.02	31.04
PK	943.74M	34.29	46.00	-11.71	1.84	3	Horizontal	109	2.00	-	32.45	26.70	6.07	30.93
PK	958.29M	34.24	46.00	-11.76	2.13	3	Horizontal	358	1.50	-	32.11	26.80	6.13	30.80



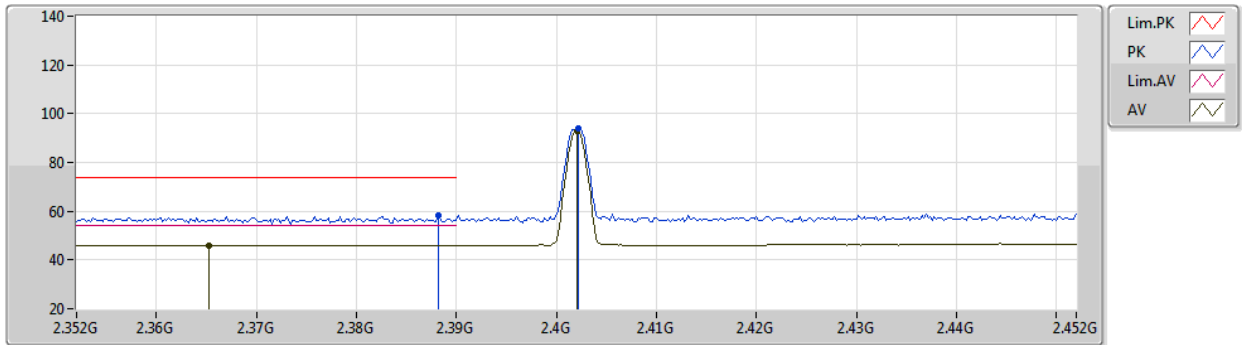
Summary

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	4.80407G	53.11	54.00	-0.89	3	Horizontal	108	1.68	-

BT-LE(1Mbps)

2402MHz_TX

28/04/2021



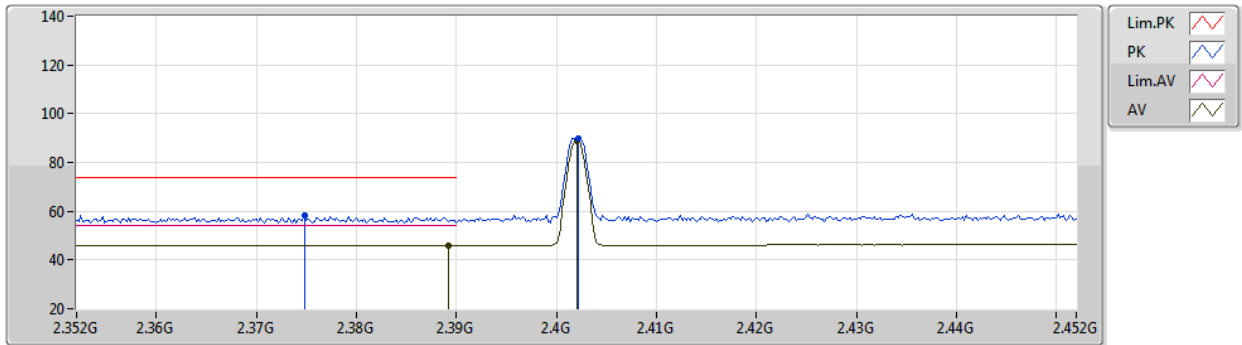
EUT Y_1TX
Setting 2
04-L-C-4

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	2.3882G	58.05	74.00	-15.95	27.37	3	Vertical	0	1.80	-	27.48	3.20	-
AV	2.3652G	45.90	54.00	-8.10	15.27	3	Vertical	0	1.80	-	27.43	3.20	-
PK	2.4022G	93.72	Inf	-Inf	63.02	3	Vertical	0	1.80	-	27.50	3.20	-
AV	2.402G	92.72	Inf	-Inf	62.02	3	Vertical	0	1.80	-	27.50	3.20	-

BT-LE(1Mbps)

2402MHz_TX

28/04/2021



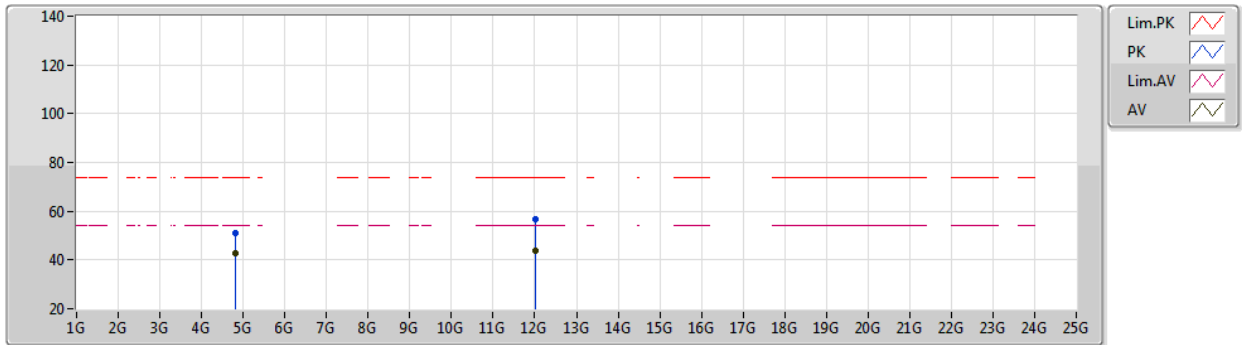
EUT Y_1TX
Setting 2
04-L-C-4

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	2.3748G	58.45	74.00	-15.55	27.80	3	Horizontal	353	3.00	-	27.45	3.20	-
AV	2.3892G	45.72	54.00	-8.28	15.04	3	Horizontal	353	3.00	-	27.48	3.20	-
PK	2.4022G	89.88	Inf	-Inf	59.18	3	Horizontal	353	3.00	-	27.50	3.20	-
AV	2.402G	88.86	Inf	-Inf	58.16	3	Horizontal	353	3.00	-	27.50	3.20	-

BT-LE(1Mbps)

28/04/2021

2402MHz_TX



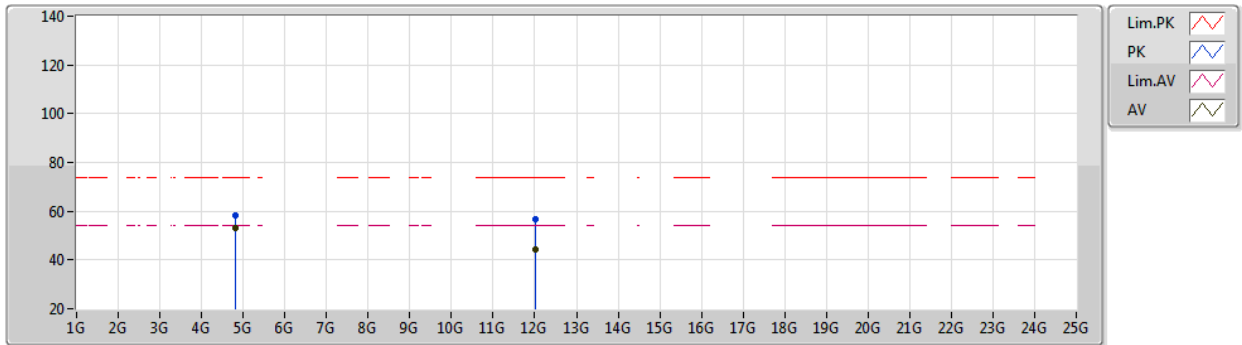
EUT_Y_1TX
Setting 2
04-L-C-4

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	4.80453G	51.29	74.00	-22.71	46.34	3	Vertical	285	1.77	-	32.43	5.40	32.88
AV	4.80402G	42.79	54.00	-11.21	37.85	3	Vertical	285	1.77	-	32.42	5.40	32.88
PK	12.0102G	56.80	74.00	-17.20	42.76	3	Vertical	226	2.11	-	38.80	9.61	34.37
AV	12.01144G	43.94	54.00	-10.06	29.90	3	Vertical	226	2.11	-	38.80	9.61	34.37

BT-LE(1Mbps)

28/04/2021

2402MHz_TX



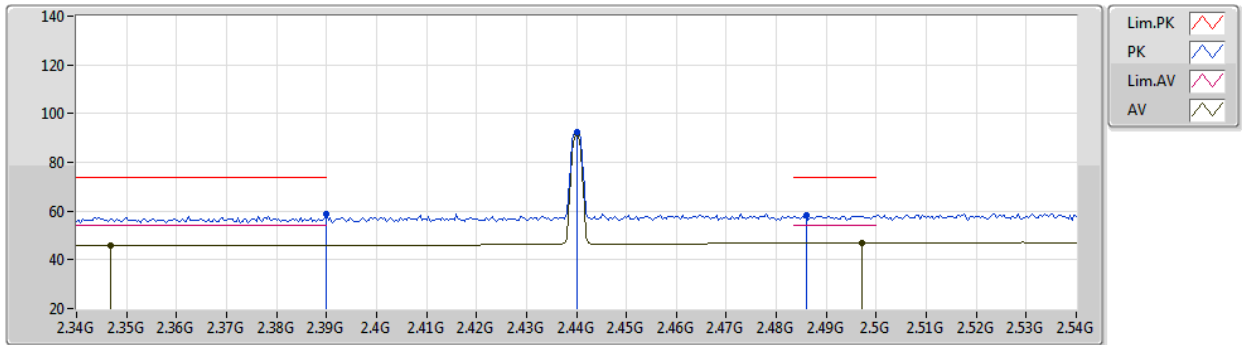
EUT Y_1TX
Setting 2
04-L-C-4

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	4.80374G	58.34	74.00	-15.66	53.40	3	Horizontal	108	1.68	-	32.42	5.40	32.88
AV	4.80407G	53.11	54.00	-0.89	48.17	3	Horizontal	108	1.68	-	32.42	5.40	32.88
PK	12.01152G	56.67	74.00	-17.33	42.63	3	Horizontal	161	2.91	-	38.80	9.61	34.37
AV	12.01105G	44.10	54.00	-9.90	30.06	3	Horizontal	161	2.91	-	38.80	9.61	34.37

BT-LE(1Mbps)

2440MHz_TX

28/04/2021



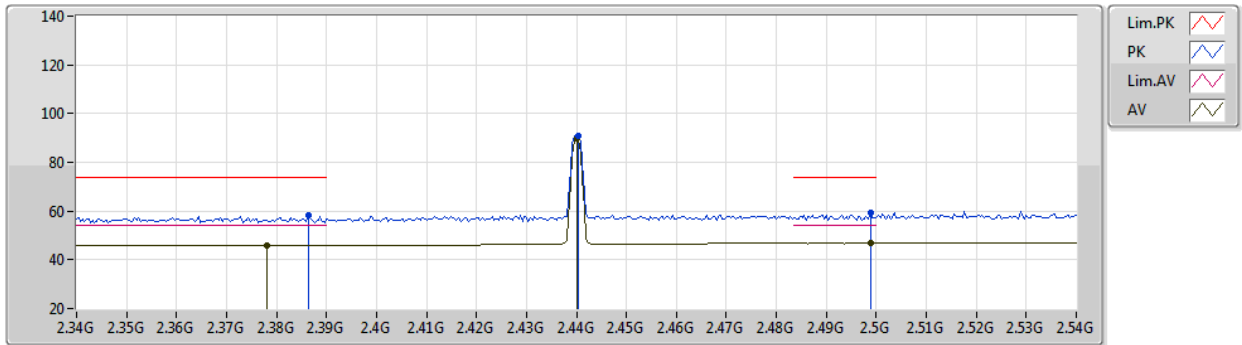
EUT_Y_1TX
Setting 2
04-L-C-4

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	2.39G	58.97	74.00	-15.03	28.29	3	Vertical	0	1.76	-	27.48	3.20	-
AV	2.3468G	45.93	54.00	-8.07	15.33	3	Vertical	0	1.76	-	27.40	3.20	-
PK	2.44G	92.67	Inf	-Inf	61.85	3	Vertical	0	1.76	-	27.58	3.24	-
AV	2.44G	91.64	Inf	-Inf	60.82	3	Vertical	0	1.76	-	27.58	3.24	-
PK	2.486G	58.40	74.00	-15.60	27.37	3	Vertical	0	1.76	-	27.74	3.29	-
AV	2.4972G	47.09	54.00	-6.91	16.00	3	Vertical	0	1.76	-	27.79	3.30	-

BT-LE(1Mbps)

2440MHz_TX

28/04/2021



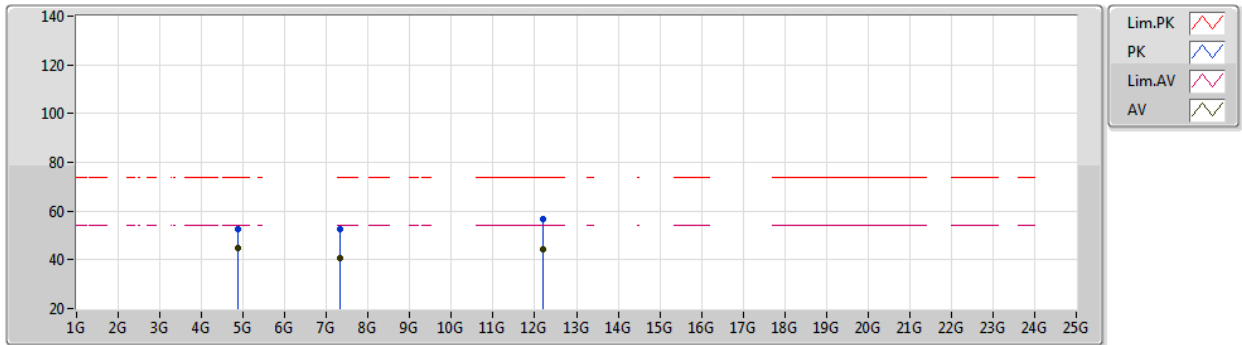
EUT_Y_1TX
Setting 2
04-L-C-4

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	2.3864G	58.16	74.00	-15.84	27.49	3	Horizontal	343	2.40	-	27.47	3.20	-
AV	2.378G	45.93	54.00	-8.07	15.27	3	Horizontal	343	2.40	-	27.46	3.20	-
PK	2.4404G	90.97	Inf	-Inf	60.15	3	Horizontal	343	2.40	-	27.58	3.24	-
AV	2.44G	89.92	Inf	-Inf	59.10	3	Horizontal	343	2.40	-	27.58	3.24	-
PK	2.4988G	59.37	74.00	-14.63	28.27	3	Horizontal	343	2.40	-	27.80	3.30	-
AV	2.4988G	46.82	54.00	-7.18	15.72	3	Horizontal	343	2.40	-	27.80	3.30	-

BT-LE(1Mbps)

2440MHz_TX

28/04/2021

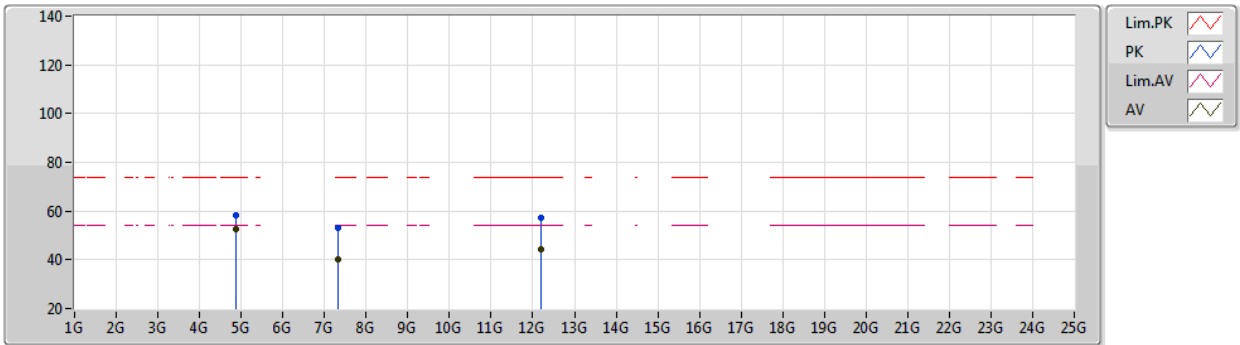

EUT_Y_1TX
Setting 2
04-L-C-4

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	4.88049G	52.55	74.00	-21.45	47.22	3	Vertical	71	1.20	-	32.76	5.44	32.87
AV	4.88002G	44.99	54.00	-9.01	39.66	3	Vertical	71	1.20	-	32.76	5.44	32.87
PK	7.32212G	52.57	74.00	-21.43	41.65	3	Vertical	296	1.39	-	37.40	6.86	33.34
AV	7.31945G	40.69	54.00	-13.31	29.77	3	Vertical	296	1.39	-	37.40	6.86	33.34
PK	12.19831G	56.84	74.00	-17.16	42.91	3	Vertical	197	1.28	-	38.51	9.70	34.28
AV	12.1988G	44.14	54.00	-9.86	30.22	3	Vertical	197	1.28	-	38.50	9.70	34.28

BT-LE(1Mbps)

2440MHz_TX

28/04/2021



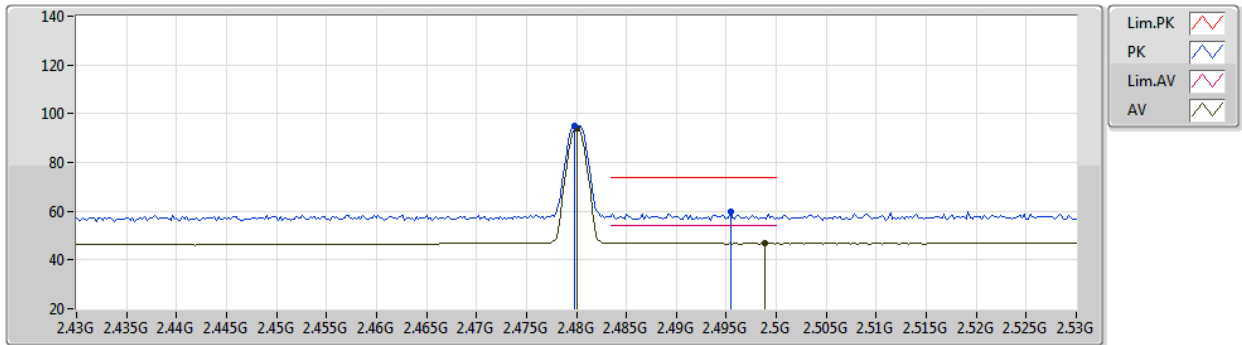
EUT_Y_1TX
Setting 2
04-L-C-4

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	4.87953G	58.08	74.00	-15.92	52.75	3	Horizontal	115	1.83	-	32.76	5.44	32.87
AV	4.88008G	52.74	54.00	-1.26	47.41	3	Horizontal	115	1.83	-	32.76	5.44	32.87
PK	7.32135G	52.94	74.00	-21.06	42.02	3	Horizontal	260	1.17	-	37.40	6.86	33.34
AV	7.32071G	40.30	54.00	-13.70	29.38	3	Horizontal	260	1.17	-	37.40	6.86	33.34
PK	12.20194G	57.20	74.00	-16.80	43.28	3	Horizontal	257	2.28	-	38.50	9.70	34.28
AV	12.19905G	44.50	54.00	-9.50	30.58	3	Horizontal	257	2.28	-	38.50	9.70	34.28

BT-LE(1Mbps)

2480MHz_TX

28/04/2021



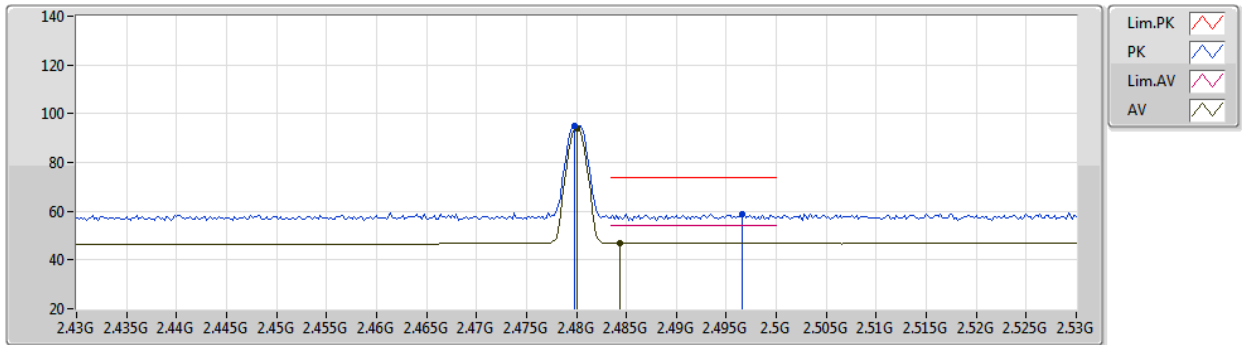
EUT Y_1TX
Setting 4
04-L-C-4

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	94.81	Inf	-Inf	63.81	3	Vertical	134	1.90	-	27.72	3.28	-
AV	2.48G	93.80	Inf	-Inf	62.80	3	Vertical	134	1.90	-	27.72	3.28	-
PK	2.4954G	60.04	74.00	-13.96	28.96	3	Vertical	134	1.90	-	27.78	3.30	-
AV	2.4988G	46.82	54.00	-7.18	15.72	3	Vertical	134	1.90	-	27.80	3.30	-

BT-LE(1Mbps)

2480MHz_TX

28/04/2021



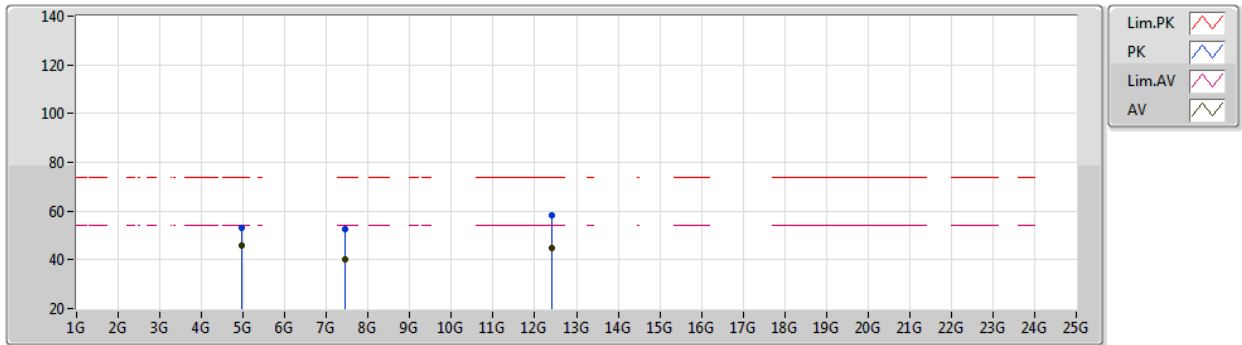
EUT Y_1TX
Setting 4
04-L-C-4

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	94.84	Inf	-Inf	63.84	3	Horizontal	130	1.88	-	27.72	3.28	-
AV	2.48G	93.84	Inf	-Inf	62.84	3	Horizontal	130	1.88	-	27.72	3.28	-
PK	2.4966G	58.88	74.00	-15.12	27.79	3	Horizontal	130	1.88	-	27.79	3.30	-
AV	2.4844G	47.02	54.00	-6.98	16.00	3	Horizontal	130	1.88	-	27.74	3.28	-

BT-LE(1Mbps)

2480MHz_TX

28/04/2021



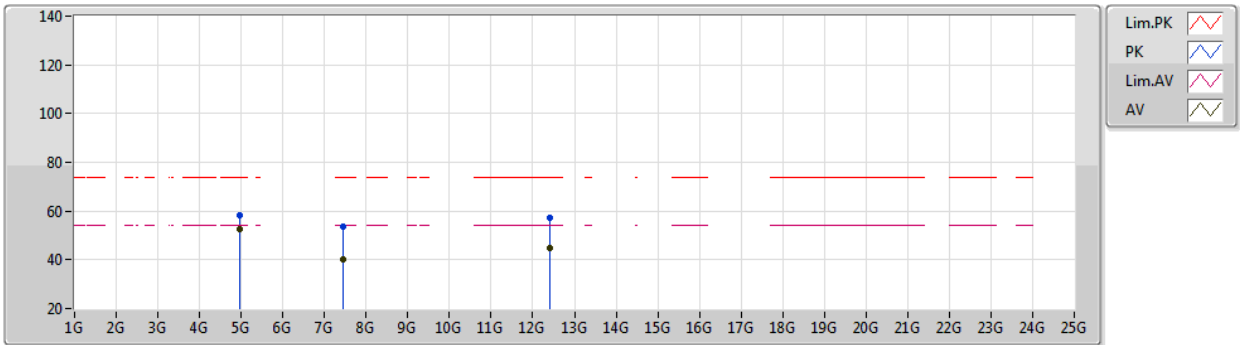
EUT Y_1TX
Setting 4
04-L-C-4

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	4.95962G	53.31	74.00	-20.69	47.71	3	Vertical	165	1.80	-	32.98	5.48	32.86
AV	4.96008G	45.91	54.00	-8.09	40.31	3	Vertical	165	1.80	-	32.98	5.48	32.86
PK	7.44007G	52.40	74.00	-21.60	41.41	3	Vertical	255	2.52	-	37.48	6.94	33.43
AV	7.44064G	40.25	54.00	-13.75	29.26	3	Vertical	255	2.52	-	37.48	6.94	33.43
PK	12.40011G	58.25	74.00	-15.75	43.93	3	Vertical	190	1.94	-	38.70	9.80	34.18
AV	12.39884G	44.61	54.00	-9.39	30.29	3	Vertical	190	1.94	-	38.70	9.80	34.18

BT-LE(1Mbps)

28/04/2021

2480MHz_TX



EUT_Y_1TX
Setting 4
04-L-C-4

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	4.96066G	58.34	74.00	-15.66	52.74	3	Horizontal	99	1.77	-	32.98	5.48	32.86
AV	4.96004G	52.80	54.00	-1.20	47.20	3	Horizontal	99	1.77	-	32.98	5.48	32.86
PK	7.43923G	53.42	74.00	-20.58	42.43	3	Horizontal	103	1.65	-	37.48	6.94	33.43
AV	7.43952G	40.38	54.00	-13.62	29.39	3	Horizontal	103	1.65	-	37.48	6.94	33.43
PK	12.40159G	57.38	74.00	-16.62	43.06	3	Horizontal	188	2.52	-	38.70	9.80	34.18
AV	12.40112G	44.60	54.00	-9.40	30.28	3	Horizontal	188	2.52	-	38.70	9.80	34.18