



FCC Test Report

FCC ID : 2AW3T-6157-001
Equipment : AI Camera
Brand Name : Toshiba
Model Name : 6157-001
Applicant : Toshiba Global Commerce Solutions, Inc.
3901 S Miami Blvd Durham, NC 27703 USA
Manufacturer : Toshiba Global Commerce Solutions, Inc.
3901 S Miami Blvd Durham, NC 27703 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Jun. 24, 2020, and testing was started from Jul. 09, 2020 and completed on Aug. 27, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref.Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Sam Tsai

Report Producer: Ann Hou

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Mode	Ch. Frequency (MHz)	Channel Number
2400-2483.5	LE	2402-2480	0-39 [40]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-LE(1Mbps)	1.0	1TX
2.4-2.4835GHz	BT-LE(2Mbps)	2.0	1TX

Note:

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector
1	HILISIN	BTFA00280825GC1A01	PIFA	murata
2	INVAX	AN2450-3902BRS	Dipole	HIROSE

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	1.2	4.72	1.2
2	2	2	2.5	-

Note 1: The EUT has two antennas.

For 2.4GHz function:

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

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2(port 2) and it was record in this test report.

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

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

For BT function:

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

Ant. 1 (port 1) could transmit/receive.

For 5GHz function:

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

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

1.1.3 EUT Information

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

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
BT-LE(1Mbps)	0.628	2.02	393.75u	3k
BT-LE(2Mbps)	0.36	4.44	225u	10k

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

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

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

Testing Location				
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)		
		TEL : 886-3-327-3456	FAX : 886-3-327-0973	
Test site Designation No. TW1190 with FCC.				
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)		
		TEL : 886-3-656-9065	FAX : 886-3-656-9085	
Test site Designation No. TW0006 with FCC.				
☒	Wen Shan	ADD : No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)		
		TEL : 886-3-318-0787	FAX : 886-3-318-0287	
Test site Designation No. TW1097 with FCC.				

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO01-HY	Jeff	22.1~26.4°C / 51~63%	27/Aug/2020
RF Conducted	TH06-HY	Raven	22.7~23.8°C / 54~69%	29/Jul/2020
Radiated	03CH09-HY	Edward	21.8~23.7°C / 52~55%	09/Jul/2020~26/Aug/2020

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)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Test Software Version	Microsoft Windows Version 6.1
-----------------------	-------------------------------

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

2.3 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
Operating Mode	CTX
1	Adapter mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	Adapter mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Z Plane
	

2.4 Accessories

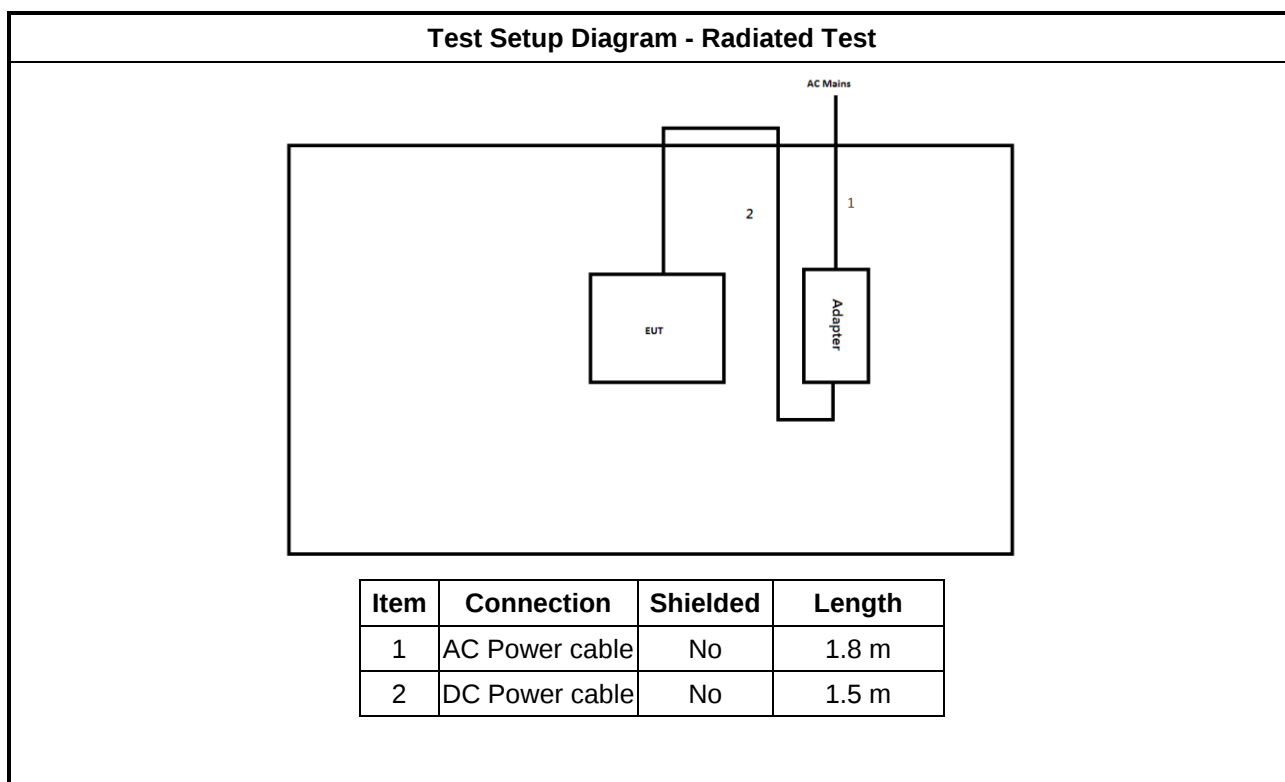
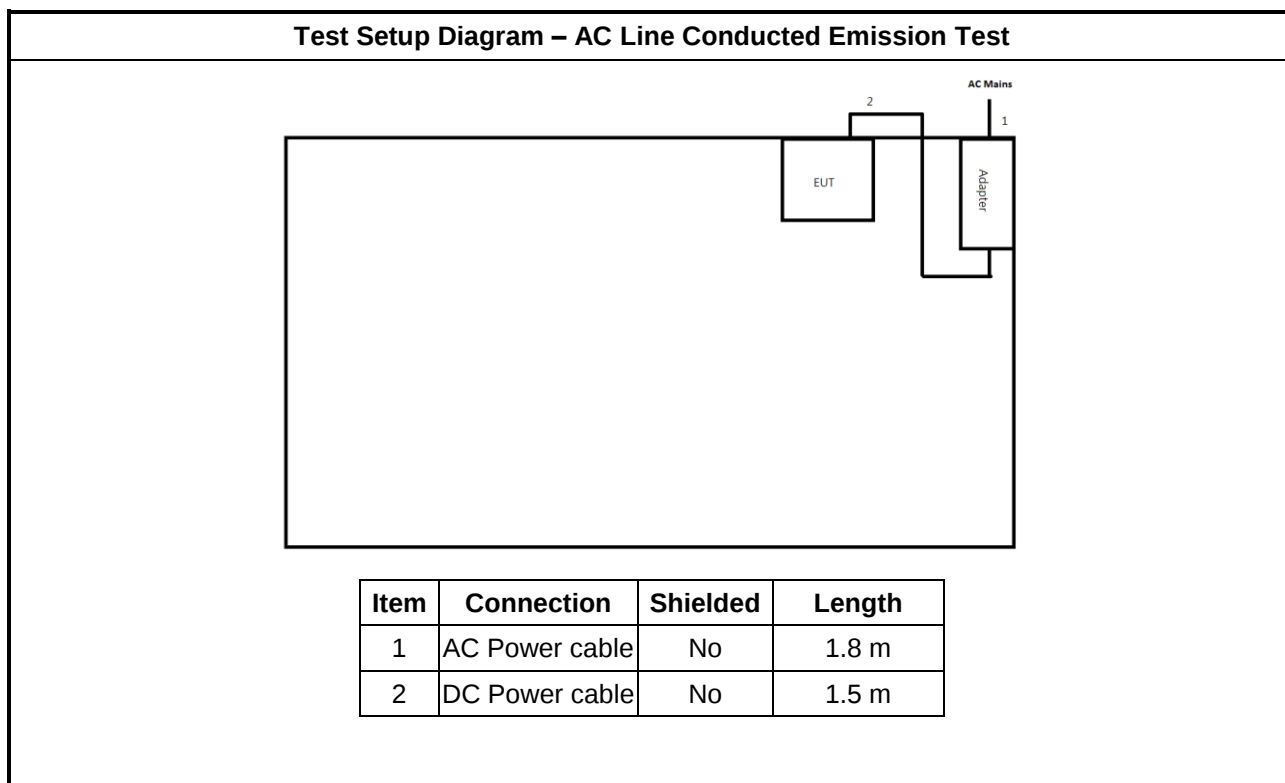
Accessories				
AC Adapter (EU Plug)	Brand Name	ADAPTER TECH	Model Name	ATS024T-P120
	Power Rating	I/P: 100-240Vac, 0.58A, O/P: 12Vdc, 2A		
	Power Cord	1.5 meter, shielded cable, with ferrite core		
Power Cable	Signal Line	1.8 meter, shielded cable, w/o ferrite core		

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

2.5 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	AC Adapter	ADAPTER TECH	ATS024T-P120	-	Customer provide

2.6 Test Setup Diagram



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

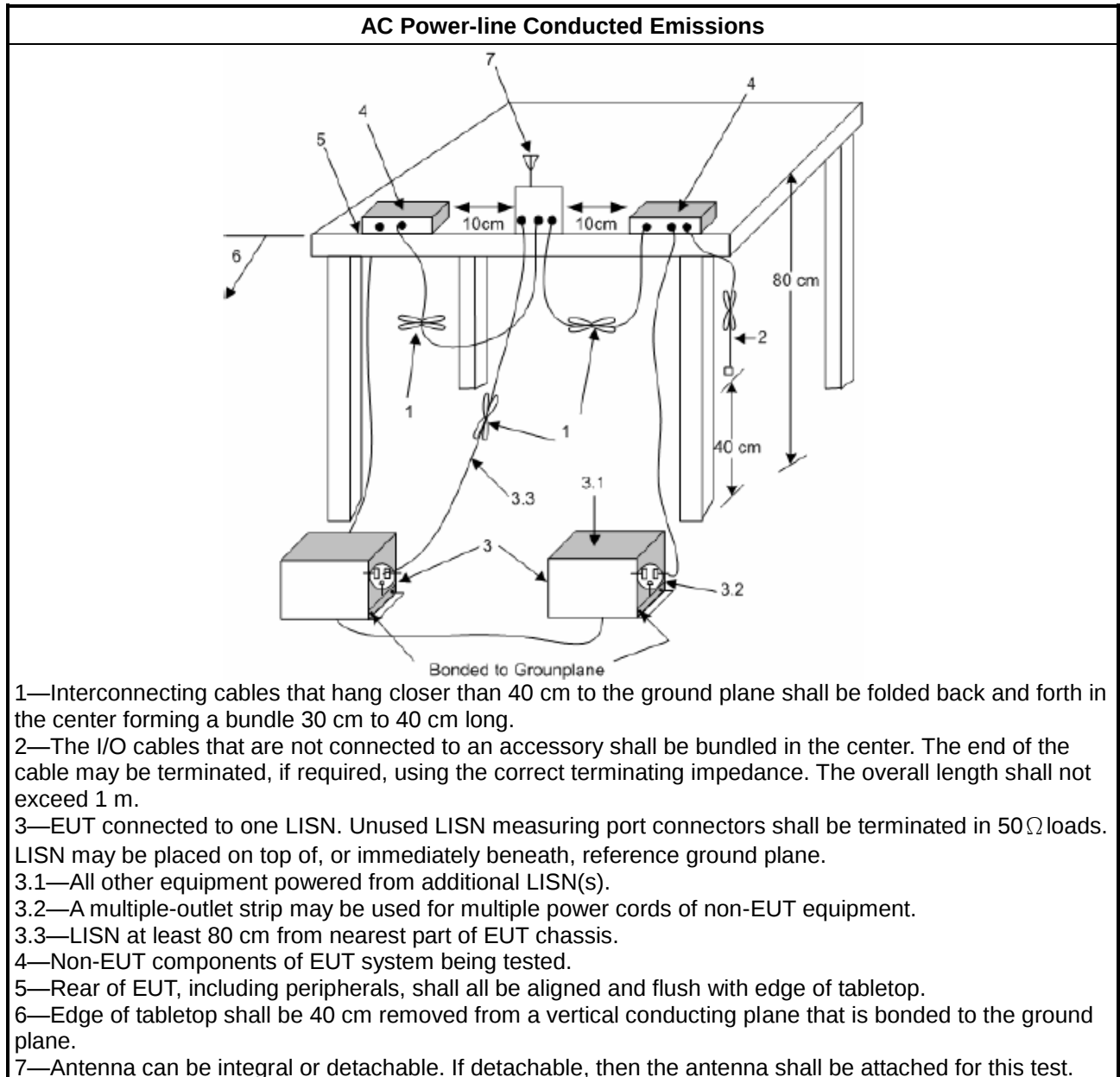
Test Method
▪ Refer as ANSI C63.10-2013, clause 6.2 foray power-line conducted emissions.

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.	

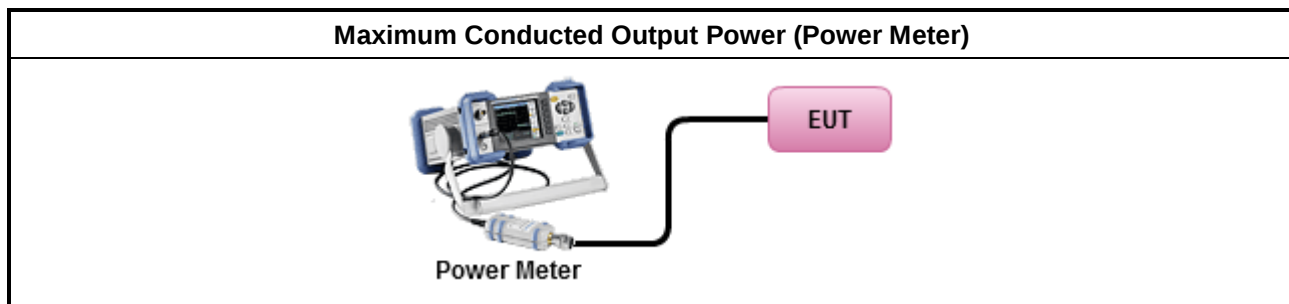
3.3.2 Measuring Instruments

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.	

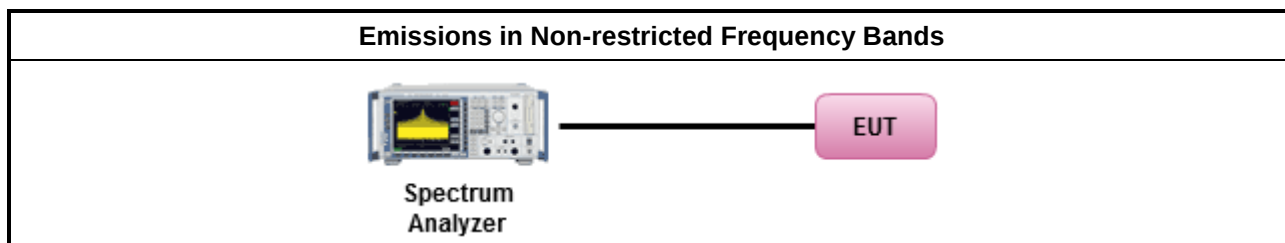
3.5.2 Measuring Instruments

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

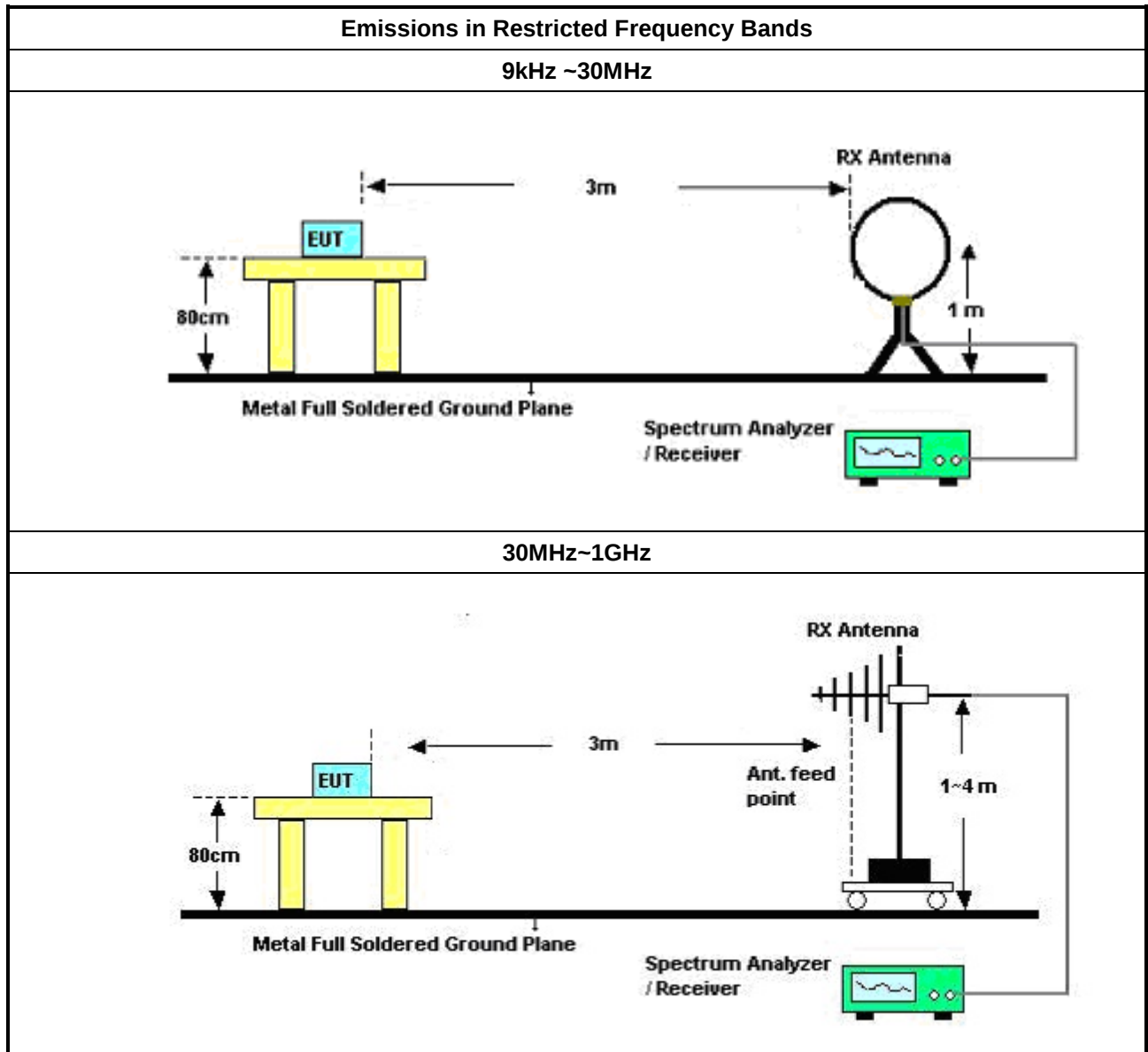
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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

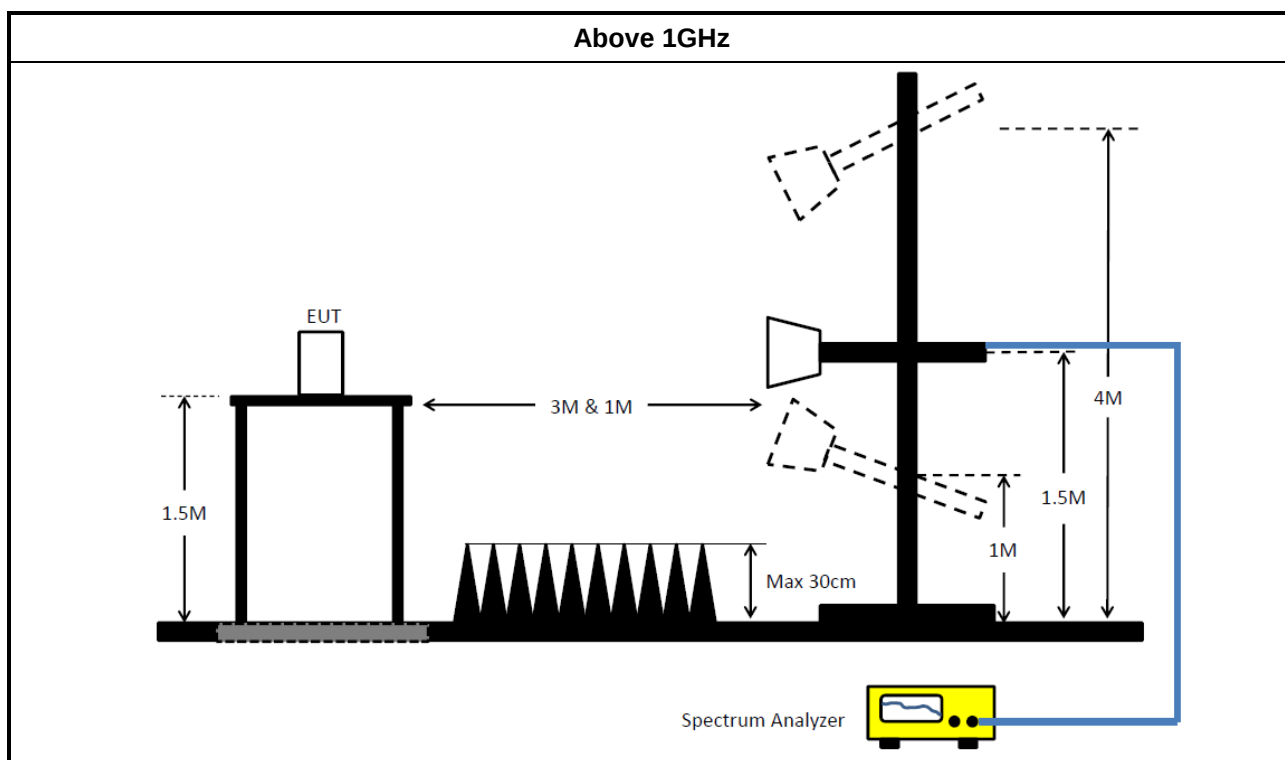
3.6.4 Measurement Results Calculation

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	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2020	08/Apr/2021
Two-Line V Network (LISN)	R&S	ENV 216	101274	9kHz ~ 30MHz	10/Jun/2020	09/Jun/2021
Cable	MTJ	RG 142	CO01-cable-01	100kHz ~ 1GHz	13/Jul/2020	12/Jul/2021
Pulse Limiter	SCHWARZBECK	VTSD 9561F	9495	9kHz ~ 30MHz	24/Sep/2019	23/Sep/2020

NCR: Non-Calibration Require

Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10kHz ~ 40GHz	01/Oct/2019	30/Sep/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	11/Nov/2020
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	18/Mar/2020	17/Mar/2021
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	18/Mar/2020	17/Mar/2021
Signal Analyzer	R&S	FSVA 3030	100903	10Hz ~ 30GHz	05/Aug/2019	04/Aug/2020

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	27/Mar/2020	26/Mar/2021
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	19/Mar/2020	18/Mar/2021
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	07/Aug/2019	06/Aug/2020
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	14/Apr/2020	13/Apr/2021
Microwave Preamplifier	Keysight	83017A	MY53270197	1GHz~26.5GHz	27/Nov/2019	26/Nov/2020
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MTJ 6102-05	35418 & 3	30MHz~1GHz	30/Sep/2019	29/Sep/2020
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA9120 D 1534	1GHz~18GHz	28/May/2020	27/May/2021
RF Cable-low	Jye Bao	RG142	CB031+324530/4	30MHz~1GHz	12/Feb/2020	11/Feb/2021
RF Cable-R03m	HUBER+ SUHNER	SUCOFLEX104	324530/4+17173/ 4	1GHz~40GHz	12/Feb/2020	11/Feb/2021
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	18GHz~40GHz	13/Mar/2020	12/Mar/2021
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz~40GHz	10/Mar/2020	09/Mar/2021
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	16/Mar/2020	15/Mar/2021
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	29/May/2020	28/May/2021



Summary

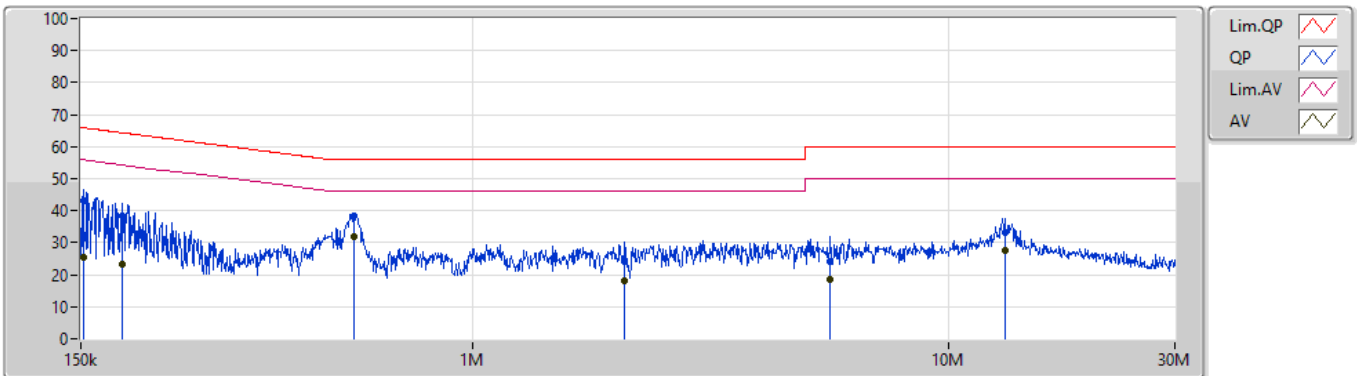
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	562.277k	31.75	46.00	-14.25	Line

**Mode Configure**

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.807k	43.11	65.90	-22.79	Line	-
Mode 1	Pass	AV	151.807k	25.30	55.90	-30.60	Line	-
Mode 1	Pass	QP	183.137k	38.44	64.34	-25.90	Line	-
Mode 1	Pass	AV	183.137k	23.42	54.34	-30.92	Line	-
Mode 1	Pass	QP	562.277k	38.17	56.00	-17.83	Line	-
Mode 1	Pass	AV	562.277k	31.75	46.00	-14.25	Line	"Worst"
Mode 1	Pass	QP	2.091M	24.25	56.00	-31.75	Line	-
Mode 1	Pass	AV	2.091M	17.89	46.00	-28.11	Line	-
Mode 1	Pass	QP	5.65M	24.13	60.00	-35.87	Line	-
Mode 1	Pass	AV	5.65M	18.33	50.00	-31.67	Line	-
Mode 1	Pass	QP	13.17M	33.34	60.00	-26.66	Line	-
Mode 1	Pass	AV	13.17M	27.75	50.00	-22.25	Line	-
Mode 1	Pass	QP	151.202k	42.91	65.92	-23.01	Neutral	-
Mode 1	Pass	AV	151.202k	25.03	55.92	-30.89	Neutral	-
Mode 1	Pass	QP	199.949k	36.32	63.61	-27.29	Neutral	-
Mode 1	Pass	AV	199.949k	22.51	53.61	-31.10	Neutral	-
Mode 1	Pass	QP	560.037k	38.02	56.00	-17.98	Neutral	-
Mode 1	Pass	AV	560.037k	31.58	46.00	-14.42	Neutral	"Worst"
Mode 1	Pass	QP	3.043M	25.00	56.00	-31.00	Neutral	-
Mode 1	Pass	AV	3.043M	19.29	46.00	-26.71	Neutral	-
Mode 1	Pass	QP	4.222M	24.03	56.00	-31.97	Neutral	-
Mode 1	Pass	AV	4.222M	19.02	46.00	-26.98	Neutral	-
Mode 1	Pass	QP	13.223M	33.32	60.00	-26.68	Neutral	-
Mode 1	Pass	AV	13.223M	27.71	50.00	-22.29	Neutral	-

Conducted Emissions at Powerline_Mode 1

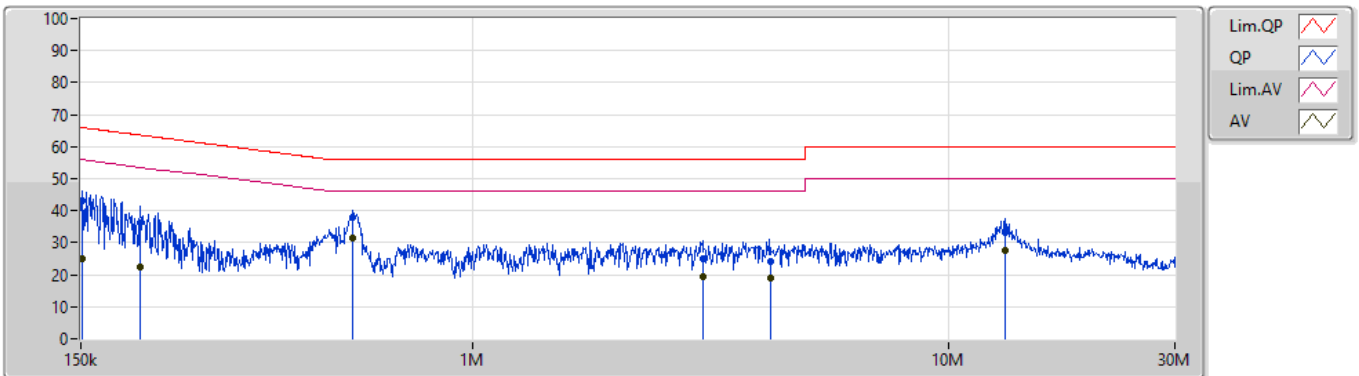
27/08/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	151.807k	43.11	65.90	-22.79	19.46	Line	-	23.65	9.68	0.02	9.76			
AV	151.807k	25.30	55.90	-30.60	19.46	Line	-	5.84	9.68	0.02	9.76			
QP	183.137k	38.44	64.34	-25.90	19.45	Line	-	18.99	9.67	0.02	9.76			
AV	183.137k	23.42	54.34	-30.92	19.45	Line	-	3.97	9.67	0.02	9.76			
QP	562.277k	38.17	56.00	-17.83	19.46	Line	-	18.71	9.67	0.03	9.76			
AV	562.277k	31.75	46.00	-14.25	19.46	Line	"Worst"	12.29	9.67	0.03	9.76			
QP	2.091M	24.25	56.00	-31.75	19.52	Line	-	4.73	9.68	0.08	9.76			
AV	2.091M	17.89	46.00	-28.11	19.52	Line	-	-1.63	9.68	0.08	9.76			
QP	5.65M	24.13	60.00	-35.87	19.60	Line	-	4.53	9.70	0.14	9.76			
AV	5.65M	18.33	50.00	-31.67	19.60	Line	-	-1.27	9.70	0.14	9.76			
QP	13.17M	33.34	60.00	-26.66	19.69	Line	-	13.65	9.70	0.22	9.77			
AV	13.17M	27.75	50.00	-22.25	19.69	Line	-	8.06	9.70	0.22	9.77			

Conducted Emissions at Powerline_Mode 1

27/08/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.202k	42.91	65.92	-23.01	19.45	Neutral	-	23.46	9.67	0.02	9.76			
AV	151.202k	25.03	55.92	-30.89	19.45	Neutral	-	5.58	9.67	0.02	9.76			
QP	199.949k	36.32	63.61	-27.29	19.44	Neutral	-	16.88	9.66	0.02	9.76			
AV	199.949k	22.51	53.61	-31.10	19.44	Neutral	-	3.07	9.66	0.02	9.76			
QP	560.037k	38.02	56.00	-17.98	19.44	Neutral	-	18.58	9.65	0.03	9.76			
AV	560.037k	31.58	46.00	-14.42	19.44	Neutral	"Worst"	12.14	9.65	0.03	9.76			
QP	3.043M	25.00	56.00	-31.00	19.53	Neutral	-	5.47	9.67	0.10	9.76			
AV	3.043M	19.29	46.00	-26.71	19.53	Neutral	-	-0.24	9.67	0.10	9.76			
QP	4.222M	24.03	56.00	-31.97	19.54	Neutral	-	4.49	9.67	0.11	9.76			
AV	4.222M	19.02	46.00	-26.98	19.54	Neutral	-	-0.52	9.67	0.11	9.76			
QP	13.223M	33.32	60.00	-26.68	19.71	Neutral	-	13.61	9.72	0.22	9.77			
AV	13.223M	27.71	50.00	-22.29	19.71	Neutral	-	8.00	9.72	0.22	9.77			

**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)	717.5k	1.05M	1M05F1D	713.75k	1.05M
BT-LE(2Mbps)	1.223M	2.081M	2M08F1D	1.22M	2.075M

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;

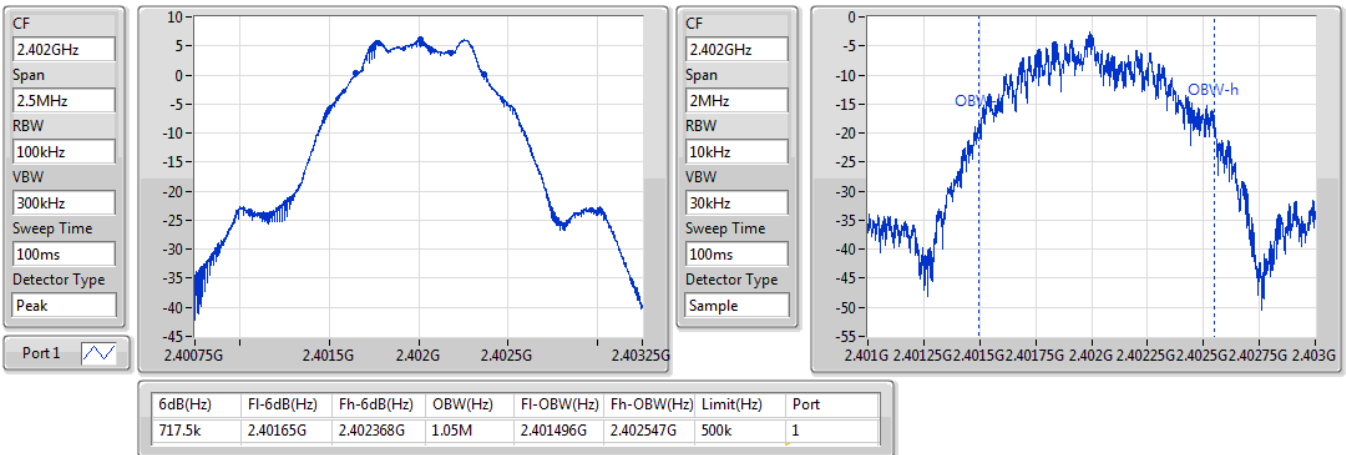
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	717.5k	1.05M
2440MHz	Pass	500k	715k	1.05M
2480MHz	Pass	500k	713.75k	1.05M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.22M	2.075M
2440MHz	Pass	500k	1.223M	2.077M
2480MHz	Pass	500k	1.223M	2.081M

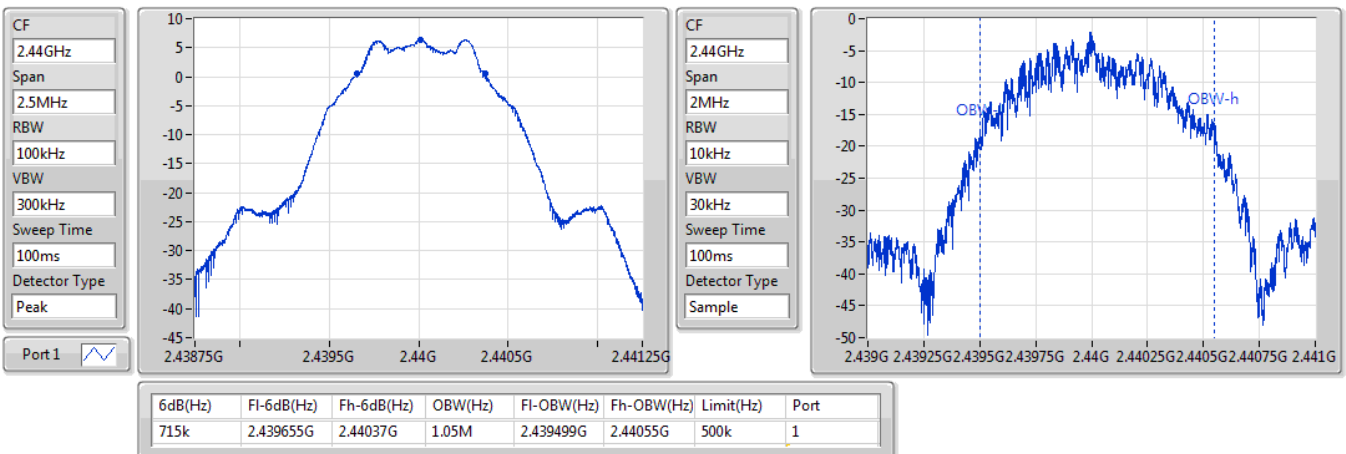
Port X-N dB = Port X 6dB down bandwidth; **Port X-OBW** = Port X 99% occupied bandwidth;

BT-LE(1Mbps)
2402MHz

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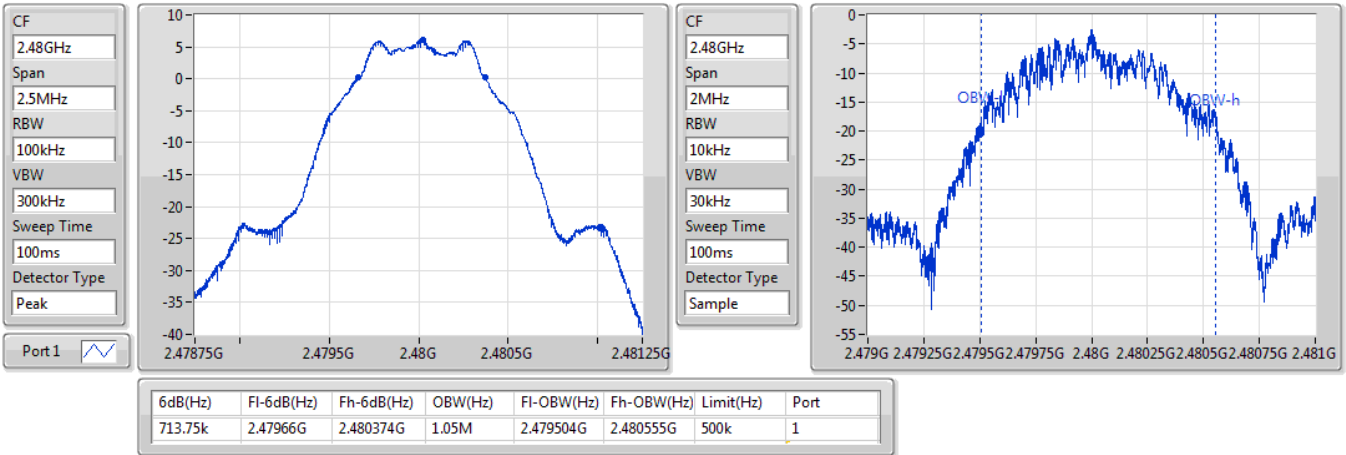

BT-LE(1Mbps)
2440MHz

29/07/2020

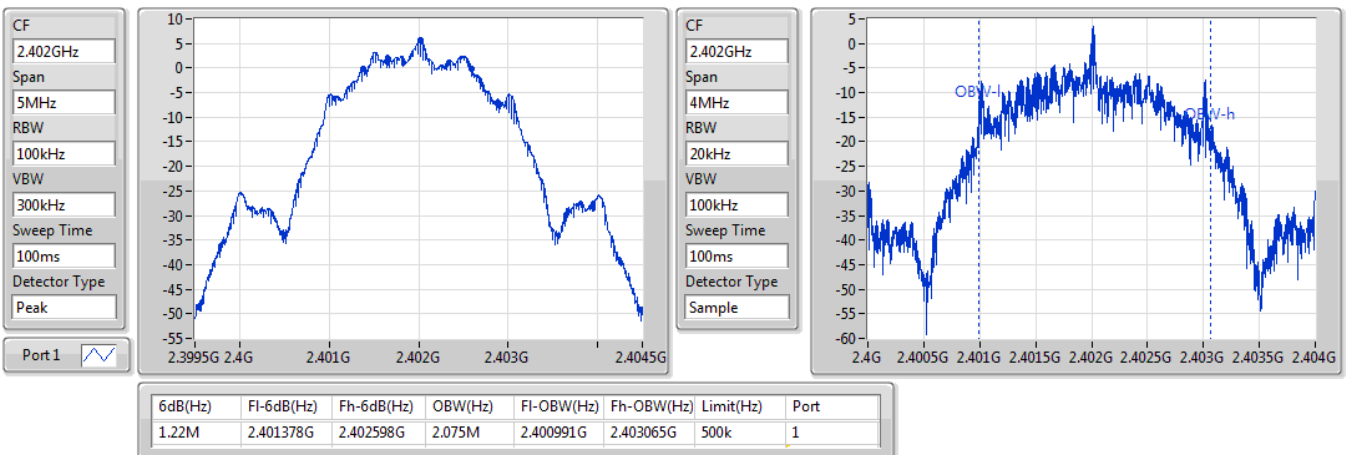


BT-LE(1Mbps)
EBW
2480MHz

29/07/2020

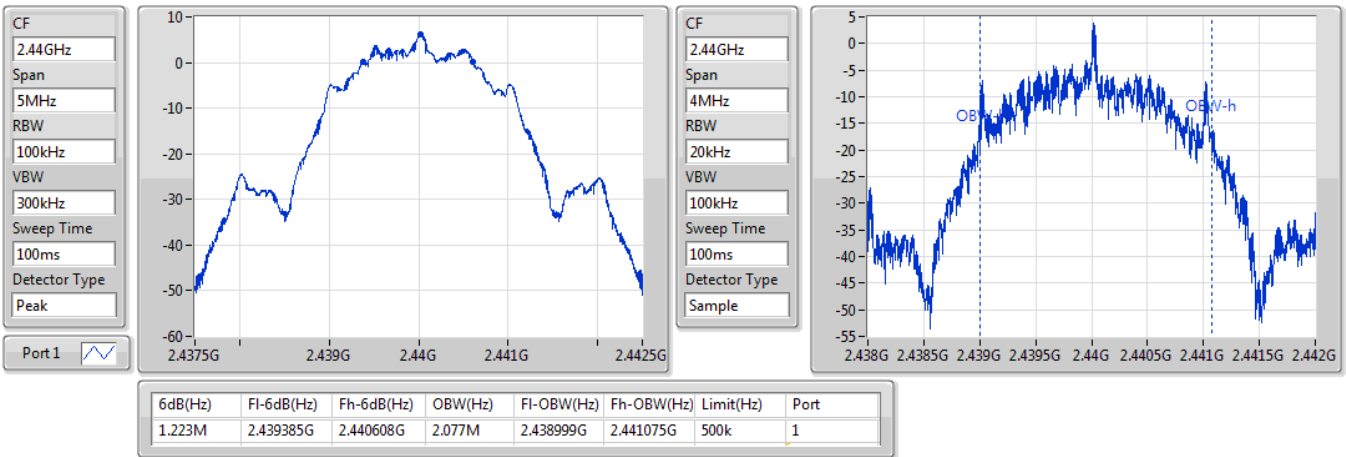

BT-LE(2Mbps)
EBW
2402MHz

29/07/2020

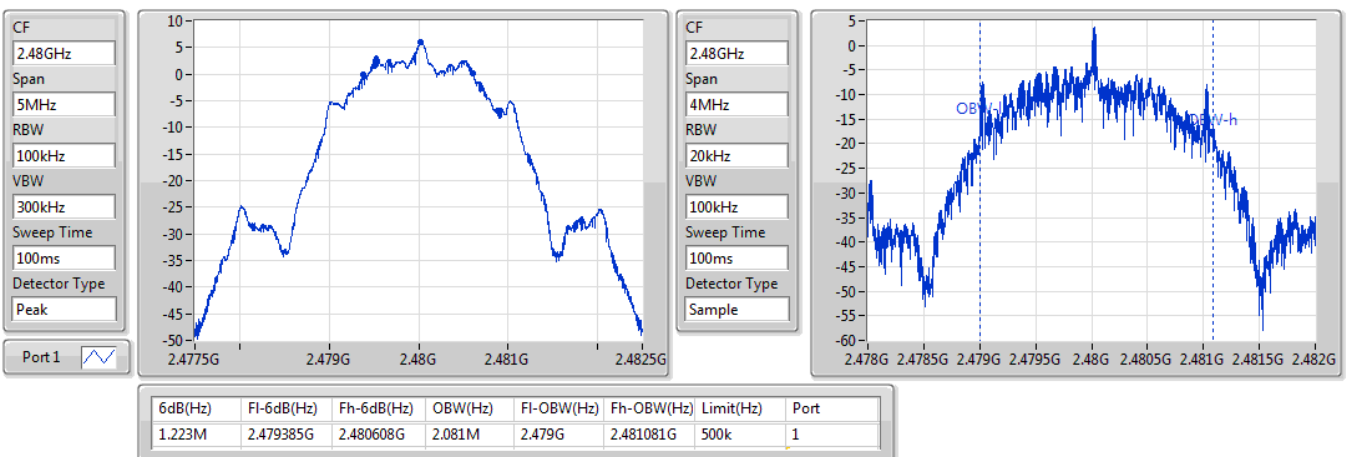


BT-LE(2Mbps)
EBW
2440MHz

29/07/2020


BT-LE(2Mbps)
EBW
2480MHz

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Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	6.32	0.00429
BT-LE(2Mbps)	6.06	0.00404



Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	1.20	6.07	30.00
2440MHz	Pass	1.20	6.32	30.00
2480MHz	Pass	1.20	6.03	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	1.20	5.74	30.00
2440MHz	Pass	1.20	6.06	30.00
2480MHz	Pass	1.20	5.83	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-7.48
BT-LE(2Mbps)	-9.16

RBW=3 kHz.

Result

Mode	Result	Gain (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	1.20	-7.70	8.00
2440MHz	Pass	1.20	-7.48	8.00
2480MHz	Pass	1.20	-7.73	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	1.20	-10.05	8.00
2440MHz	Pass	1.20	-10.07	8.00
2480MHz	Pass	1.20	-9.16	8.00

DG = Directional Gain; RBW=3 kHz;

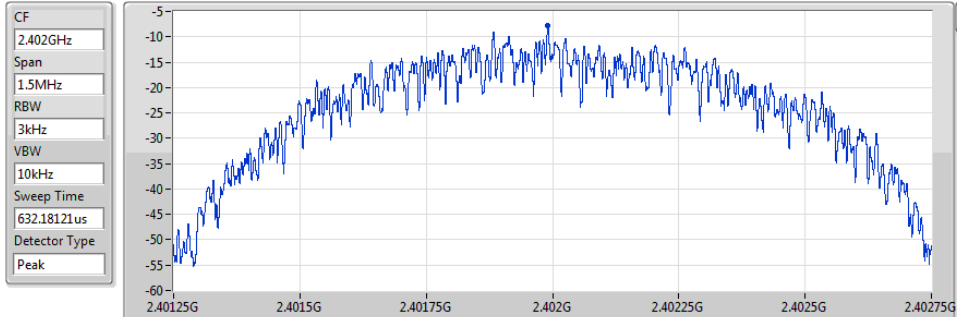
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

BT-LE(1Mbps)

PSD

2402MHz

29/07/2020



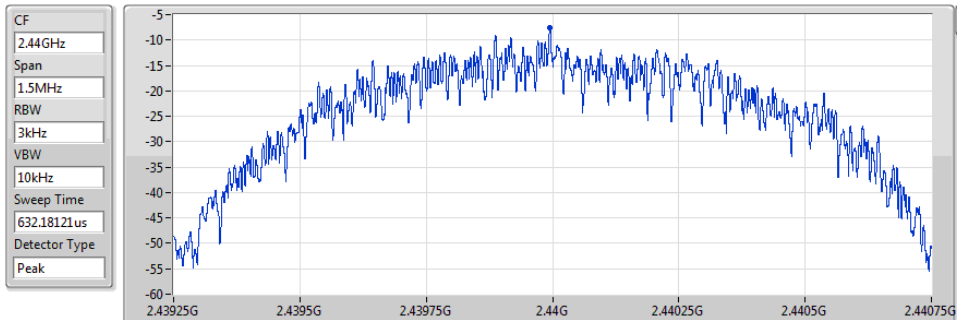
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.70	-7.70	-7.70

BT-LE(1Mbps)

PSD

2440MHz

29/07/2020



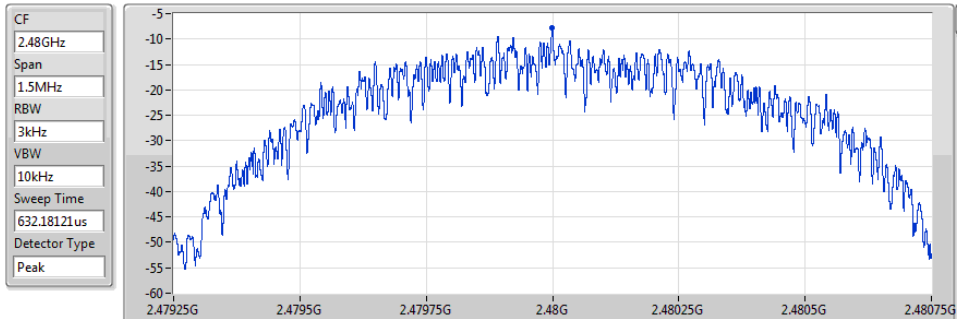
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.48	-7.48	-7.48

BT-LE(1Mbps)

PSD

2480MHz

29/07/2020



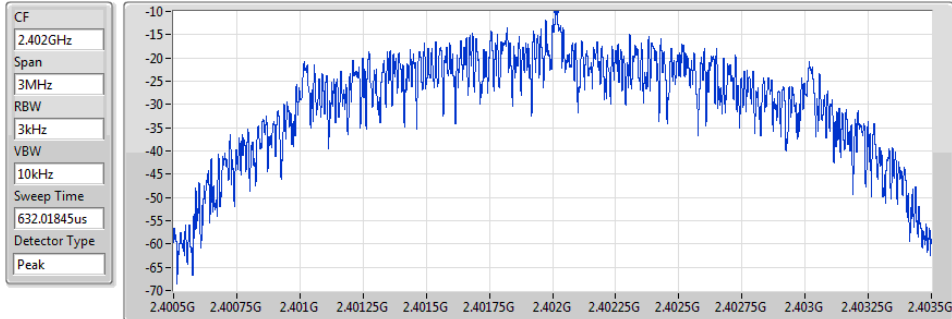
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.73	-7.73	-7.73

BT-LE(2Mbps)

PSD

2402MHz

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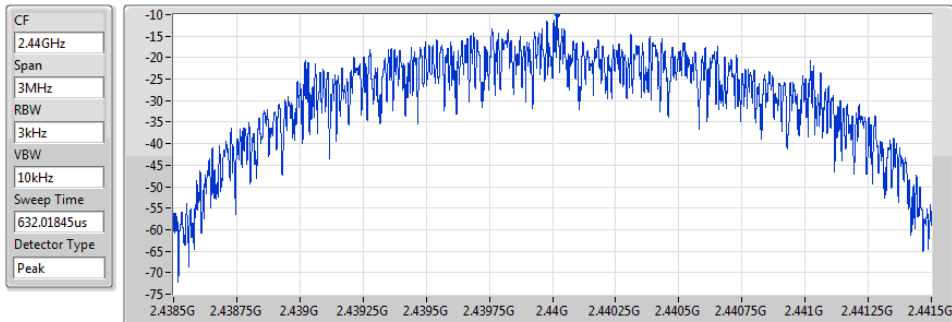
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.05	-10.05	-10.05

BT-LE(2Mbps)

PSD

2440MHz

29/07/2020



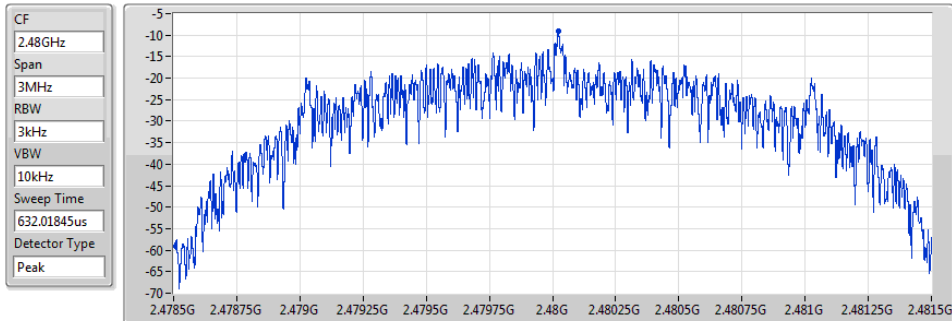
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.07	-10.07	-10.07

BT-LE(2Mbps)

PSD

2480MHz

29/07/2020



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.16	-9.16	-9.16

**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	2.44004G	6.42	-23.58	2.16821G	-54.50	2.39933G	-52.27	2.4G	-50.67	2.49911G	-51.94	24.89314G	-41.64	1
BT-LE(2Mbps)	Pass	2.44G	6.14	-23.86	2.08919G	-53.96	2.39999G	-25.98	2.4G	-25.30	2.4962G	-51.86	16.52444G	-42.02	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	2.44004G	6.42	-23.58	2.16821G	-54.50	2.39933G	-52.27	2.4G	-50.67	2.49911G	-51.94	24.89314G	-41.64	1
2440MHz	Pass	2.44004G	6.42	-23.58	2.19229G	-54.56	2.39362G	-53.10	2.4835G	-55.80	2.49065G	-51.74	17.25839G	-41.97	1
2480MHz	Pass	2.44004G	6.42	-23.58	2.30069G	-54.61	2.39494G	-53.25	2.4G	-54.58	2.48373G	-51.64	24.87346G	-42.00	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.44G	6.14	-23.86	2.08919G	-53.96	2.39999G	-25.98	2.4G	-25.30	2.4962G	-51.86	16.52444G	-42.02	1
2440MHz	Pass	2.44G	6.14	-23.86	2.11563G	-54.71	2.39958G	-52.78	2.4835G	-55.86	2.50113G	-51.99	17.05874G	-41.89	1
2480MHz	Pass	2.44G	6.14	-23.86	2.09859G	-54.28	2.39082G	-53.68	2.4835G	-54.38	2.49889G	-52.30	24.20419G	-42.39	1

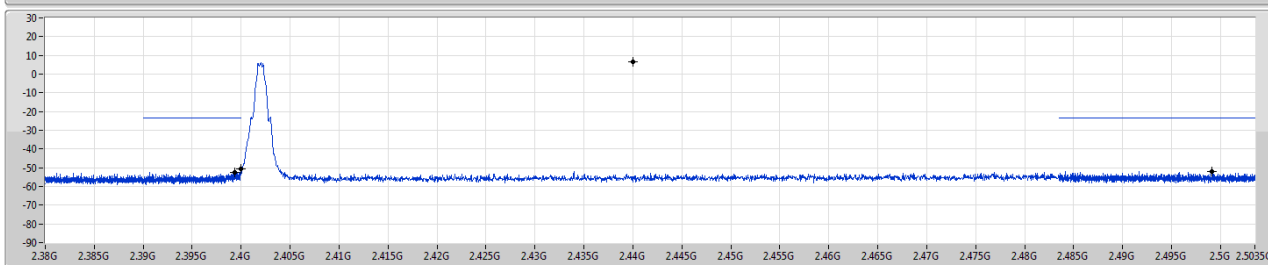
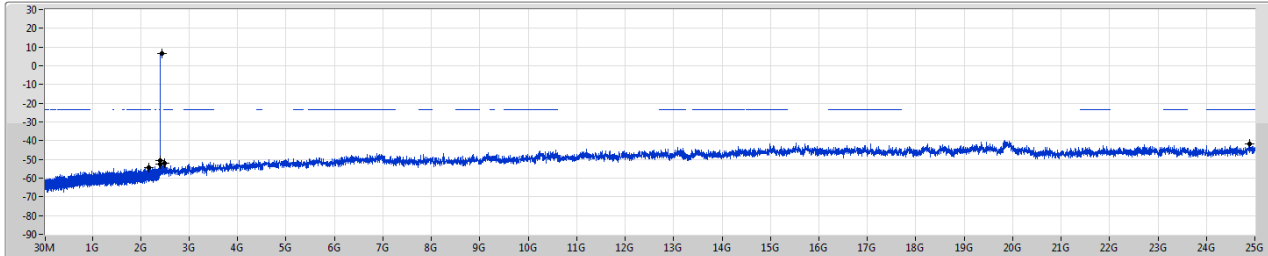
BT-LE(1Mbps)

2402MHz

CSE NdB

29/07/2020

Port1



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
2.44004G	6.42	-23.38	2.16821G	-54.50	2.39933G	-52.27	2.4G	-50.67	2.49911G	-51.94	2.49314G	-41.64	1

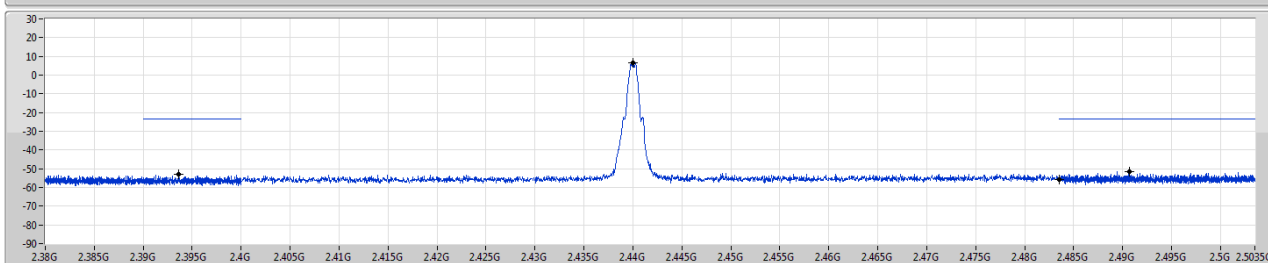
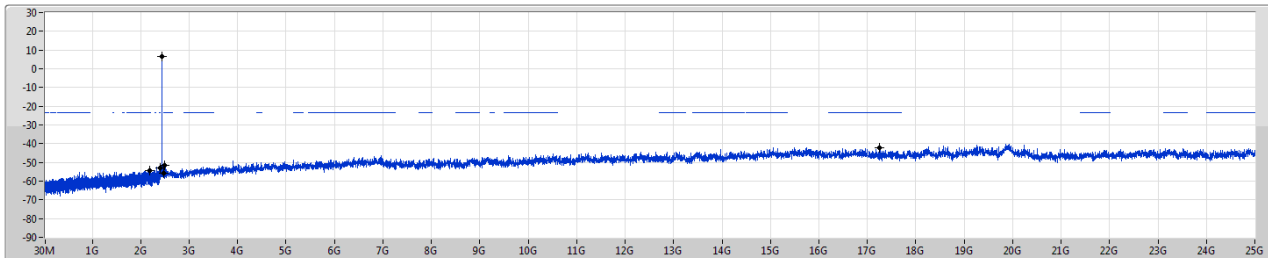
BT-LE(1Mbps)

2440MHz

CSE NdB

29/07/2020

Port1



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

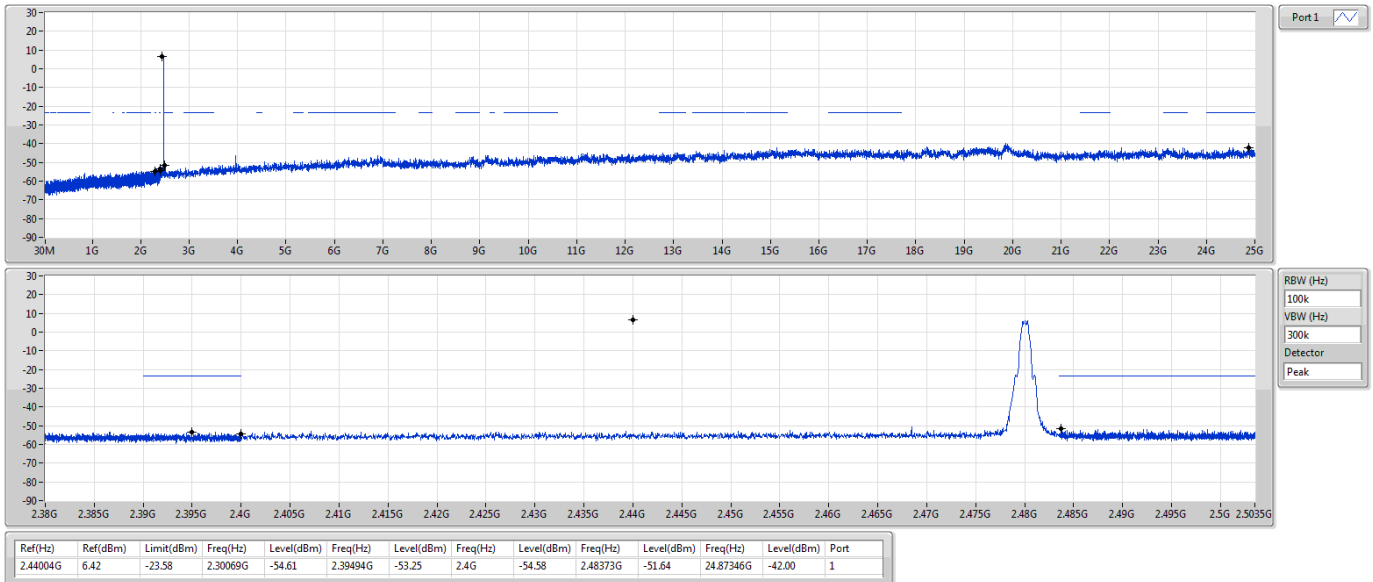
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44004G	6.42	-23.38	2.19229G	-54.56	2.39362G	-53.10	2.4835G	-55.80	2.49065G	-51.74	17.25839G	-41.97	1

BT-LE(1Mbps)

2480MHz

CSE NdB

29/07/2020

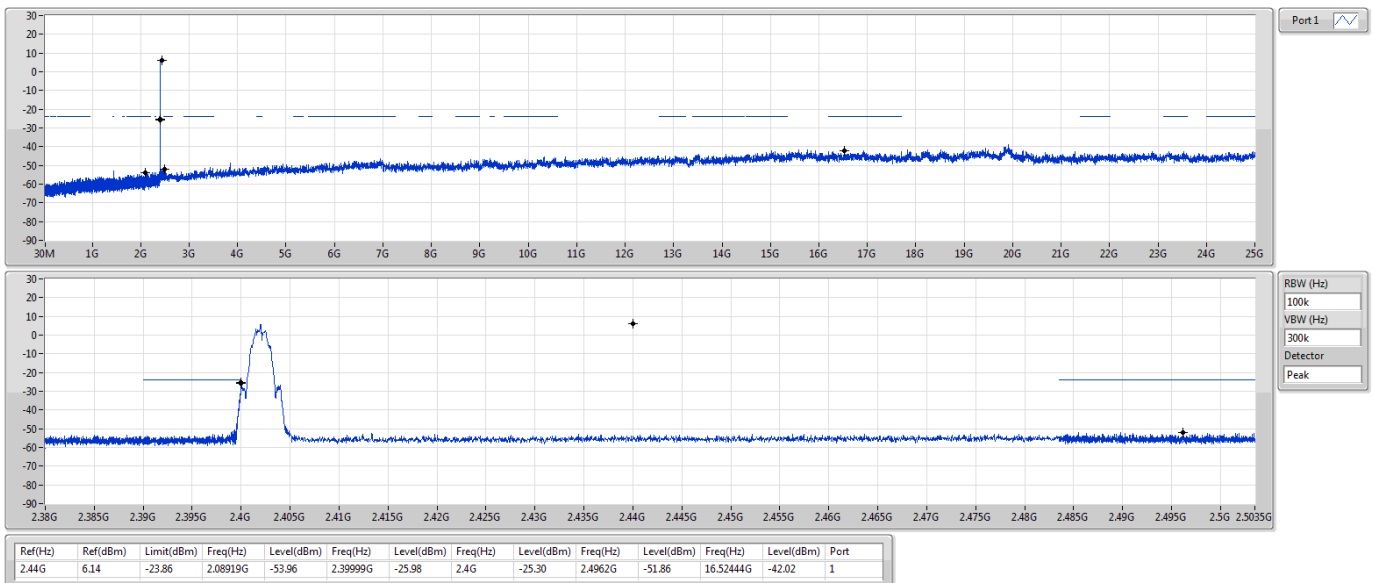


BT-LE(2Mbps)

2402MHz

CSE NdB

29/07/2020

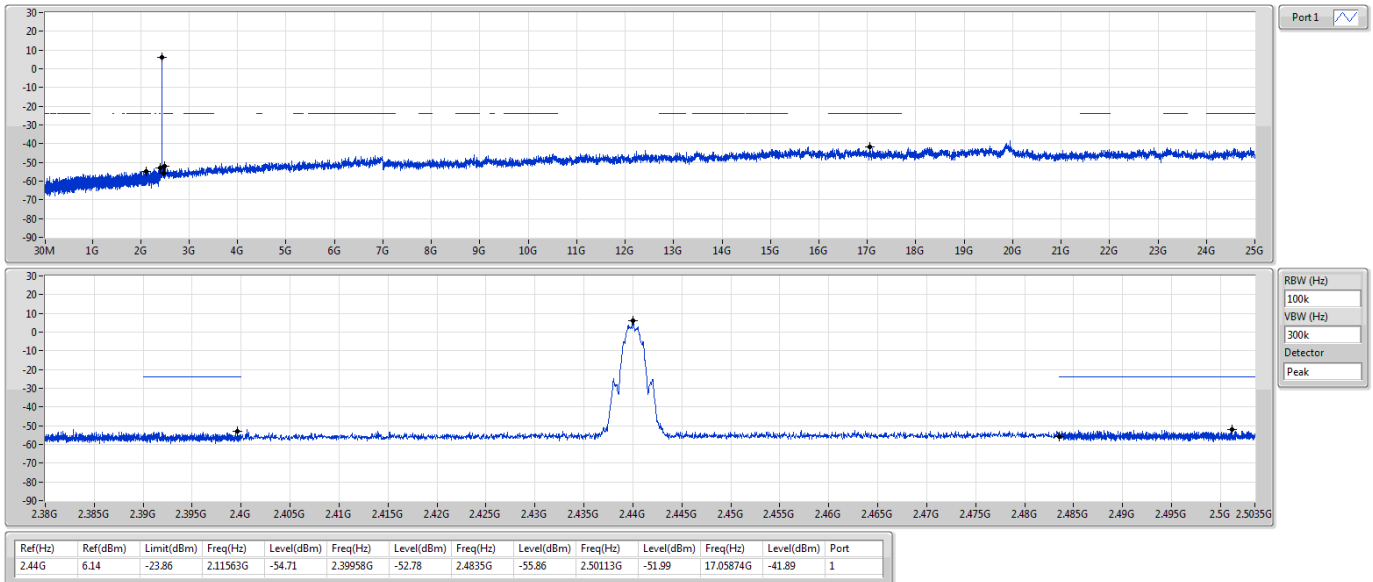


BT-LE(2Mbps)

2440MHz

CSE NdB

29/07/2020

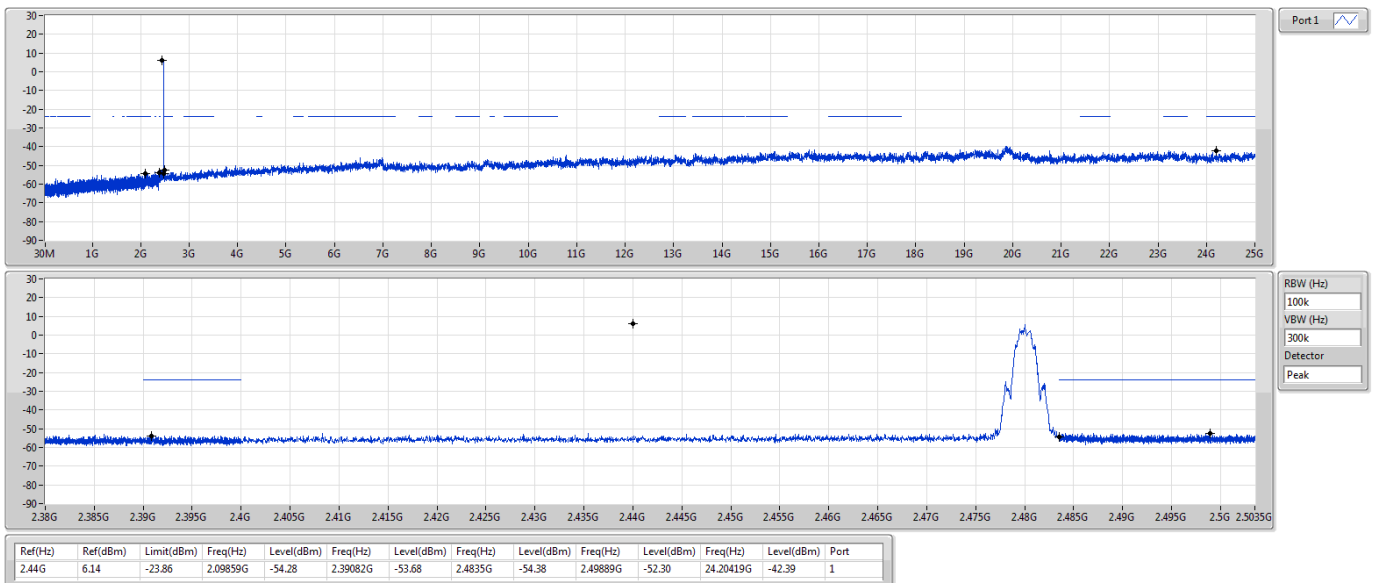


BT-LE(2Mbps)

2480MHz

CSE NdB

29/07/2020





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	249.22M	39.02	46.00	-6.98	3	Horizontal	0	1.00	-

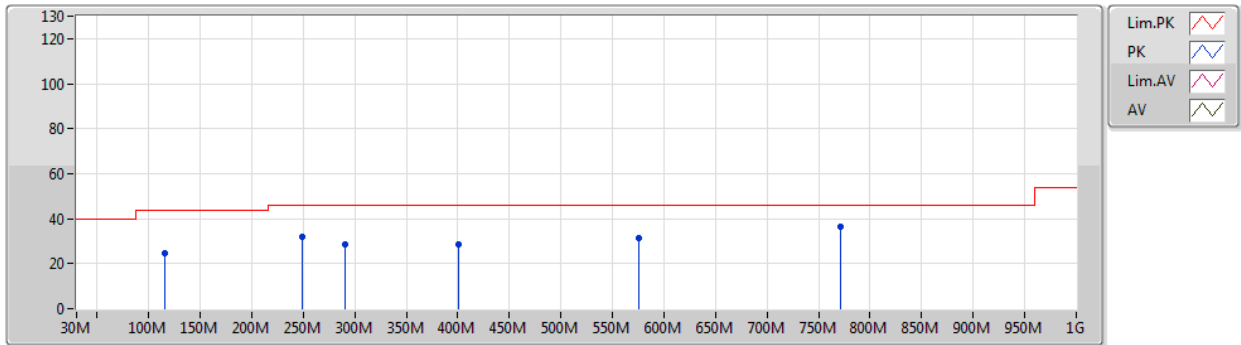
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2440MHz_Adapter	Pass	PK	115.36M	24.57	43.50	-18.93	3	Vertical	360	1.00	-
2440MHz_Adapter	Pass	PK	249.22M	32.11	46.00	-13.89	3	Vertical	360	1.00	-
2440MHz_Adapter	Pass	PK	289.96M	28.71	46.00	-17.29	3	Vertical	360	1.00	-
2440MHz_Adapter	Pass	PK	400.54M	28.64	46.00	-17.36	3	Vertical	360	1.00	-
2440MHz_Adapter	Pass	PK	575.14M	31.18	46.00	-14.82	3	Vertical	360	1.00	-
2440MHz_Adapter	Pass	PK	771.08M	36.63	46.00	-9.37	3	Vertical	360	1.00	-
2440MHz_Adapter	Pass	PK	74.62M	32.22	40.00	-7.78	3	Horizontal	0	1.00	-
2440MHz_Adapter	Pass	PK	105.66M	27.39	43.50	-16.11	3	Horizontal	0	1.00	-
2440MHz_Adapter	Pass	PK	249.22M	39.02	46.00	-6.98	3	Horizontal	0	1.00	-
2440MHz_Adapter	Pass	PK	301.6M	37.60	46.00	-8.40	3	Horizontal	0	1.00	-
2440MHz_Adapter	Pass	PK	557.68M	32.63	46.00	-13.37	3	Horizontal	0	1.00	-
2440MHz_Adapter	Pass	PK	749.74M	35.22	46.00	-10.78	3	Horizontal	0	1.00	-

BT-LE(2Mbps)

2440MHz_Adapter

26/08/2020

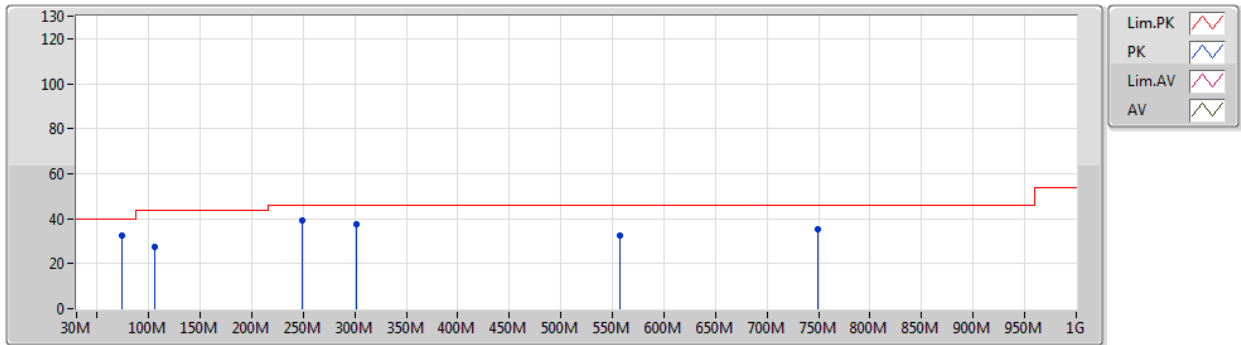


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	115.36M	24.57	43.50	-18.93	-19.40	3	Vertical	360	1.00	-	43.97	16.31	0.80	36.51
PK	249.22M	32.11	46.00	-13.89	-17.62	3	Vertical	360	1.00	-	49.73	17.51	1.30	36.43
PK	289.96M	28.71	46.00	-17.29	-16.84	3	Vertical	360	1.00	-	45.55	18.15	1.38	36.37
PK	400.54M	28.64	46.00	-17.36	-13.79	3	Vertical	360	1.00	-	42.43	20.93	1.70	36.42
PK	575.14M	31.18	46.00	-14.82	-10.03	3	Vertical	360	1.00	-	41.21	25.00	2.10	37.13
PK	771.08M	36.63	46.00	-9.37	-7.63	3	Vertical	360	1.00	-	44.26	27.16	2.54	37.33

BT-LE(2Mbps)

2440MHz_Adapter

26/08/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	74.62M	32.22	40.00	-7.78	-24.39	3	Horizontal	0	1.00	-	56.61	11.72	0.69	36.80
PK	105.66M	27.39	43.50	-16.11	-20.10	3	Horizontal	0	1.00	-	47.49	15.64	0.80	36.54
PK	249.22M	39.02	46.00	-6.98	-17.62	3	Horizontal	0	1.00	-	56.64	17.51	1.30	36.43
PK	301.6M	37.60	46.00	-8.40	-16.70	3	Horizontal	0	1.00	-	54.30	18.25	1.40	36.35
PK	557.68M	32.63	46.00	-13.37	-10.04	3	Horizontal	0	1.00	-	42.67	25.03	2.03	37.10
PK	749.74M	35.22	46.00	-10.78	-7.64	3	Horizontal	0	1.00	-	42.86	27.06	2.50	37.20

**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	2.4944G	46.84	54.00	-7.16	3	Horizontal	55	3.00	-
BT-LE(2Mbps)	Pass	AV	2.4952G	48.61	54.00	-5.39	3	Horizontal	53	3.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3592G	46.44	54.00	-7.56	3	Vertical	209	1.46	-
2402MHz	Pass	AV	2.402G	95.38	Inf	-Inf	3	Vertical	209	1.46	-
2402MHz	Pass	PK	2.3622G	58.23	74.00	-15.77	3	Vertical	209	1.46	-
2402MHz	Pass	PK	2.4018G	96.30	Inf	-Inf	3	Vertical	209	1.46	-
2402MHz	Pass	AV	2.3722G	46.32	54.00	-7.68	3	Horizontal	307	1.57	-
2402MHz	Pass	AV	2.402G	91.47	Inf	-Inf	3	Horizontal	307	1.57	-
2402MHz	Pass	PK	2.3624G	58.57	74.00	-15.43	3	Horizontal	307	1.57	-
2402MHz	Pass	PK	2.4018G	92.50	Inf	-Inf	3	Horizontal	307	1.57	-
2402MHz	Pass	AV	4.80078G	33.93	54.00	-20.07	3	Vertical	350	2.63	-
2402MHz	Pass	PK	4.80638G	46.39	74.00	-27.61	3	Vertical	350	2.63	-
2402MHz	Pass	AV	4.80764G	33.71	54.00	-20.29	3	Horizontal	101	1.50	-
2402MHz	Pass	PK	4.80456G	46.31	74.00	-27.69	3	Horizontal	101	1.50	-
2440MHz	Pass	AV	2.3484G	46.21	54.00	-7.79	3	Vertical	178	1.50	-
2440MHz	Pass	AV	2.44G	95.25	Inf	-Inf	3	Vertical	178	1.50	-
2440MHz	Pass	AV	2.4884G	46.56	54.00	-7.44	3	Vertical	178	1.50	-
2440MHz	Pass	PK	2.344G	58.17	74.00	-15.83	3	Vertical	178	1.50	-
2440MHz	Pass	PK	2.4404G	96.25	Inf	-Inf	3	Vertical	178	1.50	-
2440MHz	Pass	PK	2.4912G	58.40	74.00	-15.60	3	Vertical	178	1.50	-
2440MHz	Pass	AV	2.344G	46.32	54.00	-7.68	3	Horizontal	45	2.55	-
2440MHz	Pass	AV	2.44G	90.91	Inf	-Inf	3	Horizontal	45	2.55	-
2440MHz	Pass	AV	2.5G	46.74	54.00	-7.26	3	Horizontal	45	2.55	-
2440MHz	Pass	PK	2.3464G	58.05	74.00	-15.95	3	Horizontal	45	2.55	-
2440MHz	Pass	PK	2.4396G	91.88	Inf	-Inf	3	Horizontal	45	2.55	-
2440MHz	Pass	PK	2.4972G	58.10	74.00	-15.90	3	Horizontal	45	2.55	-
2440MHz	Pass	AV	4.8808G	33.74	54.00	-20.26	3	Vertical	80	2.13	-
2440MHz	Pass	PK	4.88474G	45.37	74.00	-28.63	3	Vertical	80	2.13	-
2440MHz	Pass	AV	4.87918G	33.50	54.00	-20.50	3	Horizontal	261	2.42	-
2440MHz	Pass	PK	4.8783G	47.23	74.00	-26.77	3	Horizontal	261	2.42	-
2480MHz	Pass	AV	2.48G	94.48	Inf	-Inf	3	Vertical	174	1.32	-
2480MHz	Pass	AV	2.4856G	46.79	54.00	-7.21	3	Vertical	174	1.32	-
2480MHz	Pass	PK	2.4798G	95.52	Inf	-Inf	3	Vertical	174	1.32	-
2480MHz	Pass	PK	2.499G	59.10	74.00	-14.90	3	Vertical	174	1.32	-
2480MHz	Pass	AV	2.48G	92.38	Inf	-Inf	3	Horizontal	55	3.00	-
2480MHz	Pass	AV	2.4944G	46.84	54.00	-7.16	3	Horizontal	55	3.00	-
2480MHz	Pass	PK	2.4802G	93.37	Inf	-Inf	3	Horizontal	55	3.00	-
2480MHz	Pass	PK	2.4862G	58.60	74.00	-15.40	3	Horizontal	55	3.00	-
2480MHz	Pass	AV	4.95972G	33.59	54.00	-20.41	3	Vertical	309	1.05	-
2480MHz	Pass	PK	4.96424G	45.53	74.00	-28.47	3	Vertical	309	1.05	-
2480MHz	Pass	AV	4.9618G	33.44	54.00	-20.56	3	Horizontal	315	1.19	-
2480MHz	Pass	PK	4.9631G	46.08	74.00	-27.92	3	Horizontal	315	1.19	-
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.382G	47.92	54.00	-6.08	3	Vertical	209	1.46	-
2402MHz	Pass	AV	2.402G	94.12	Inf	-Inf	3	Vertical	209	1.46	-
2402MHz	Pass	PK	2.3656G	58.15	74.00	-15.85	3	Vertical	209	1.46	-
2402MHz	Pass	PK	2.4026G	96.46	Inf	-Inf	3	Vertical	209	1.46	-
2402MHz	Pass	AV	2.3752G	48.16	54.00	-5.84	3	Horizontal	307	1.56	-
2402MHz	Pass	AV	2.4022G	89.69	Inf	-Inf	3	Horizontal	307	1.56	-

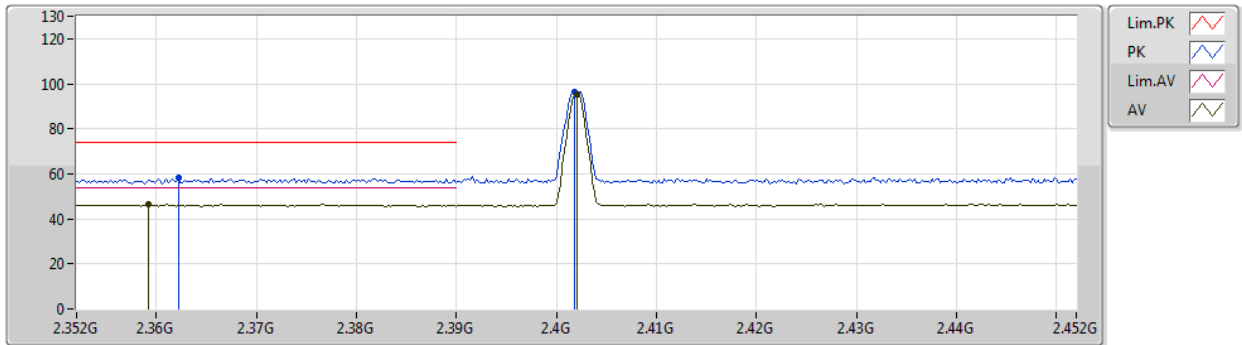


Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2402MHz	Pass	PK	2.368G	58.23	74.00	-15.77	3	Horizontal	307	1.56	-
2402MHz	Pass	PK	2.4014G	92.05	Inf	-Inf	3	Horizontal	307	1.56	-
2402MHz	Pass	AV	4.79968G	34.68	54.00	-19.32	3	Vertical	44	1.31	-
2402MHz	Pass	PK	4.7991G	45.70	74.00	-28.30	3	Vertical	44	1.31	-
2402MHz	Pass	AV	4.8083G	35.19	54.00	-18.81	3	Horizontal	192	1.78	-
2402MHz	Pass	PK	4.80124G	46.95	74.00	-27.05	3	Horizontal	192	1.78	-
2440MHz	Pass	AV	2.37G	48.07	54.00	-5.93	3	Vertical	176	1.50	-
2440MHz	Pass	AV	2.44G	93.58	Inf	-Inf	3	Vertical	176	1.50	-
2440MHz	Pass	AV	2.4912G	48.41	54.00	-5.59	3	Vertical	176	1.50	-
2440MHz	Pass	PK	2.3536G	57.99	74.00	-16.01	3	Vertical	176	1.50	-
2440MHz	Pass	PK	2.4404G	95.95	Inf	-Inf	3	Vertical	176	1.50	-
2440MHz	Pass	PK	2.484G	58.76	74.00	-15.24	3	Vertical	176	1.50	-
2440MHz	Pass	AV	2.3536G	48.21	54.00	-5.79	3	Horizontal	44	2.55	-
2440MHz	Pass	AV	2.44G	89.50	Inf	-Inf	3	Horizontal	44	2.55	-
2440MHz	Pass	AV	2.4976G	48.43	54.00	-5.57	3	Horizontal	44	2.55	-
2440MHz	Pass	PK	2.3608G	58.24	74.00	-15.76	3	Horizontal	44	2.55	-
2440MHz	Pass	PK	2.4396G	91.94	Inf	-Inf	3	Horizontal	44	2.55	-
2440MHz	Pass	PK	2.4996G	58.19	74.00	-15.81	3	Horizontal	44	2.55	-
2440MHz	Pass	AV	4.87562G	35.00	54.00	-19.00	3	Vertical	316	1.50	-
2440MHz	Pass	PK	4.8773G	45.63	74.00	-28.37	3	Vertical	316	1.50	-
2440MHz	Pass	AV	4.87968G	35.22	54.00	-18.78	3	Horizontal	280	1.50	-
2440MHz	Pass	PK	4.88146G	46.04	74.00	-27.96	3	Horizontal	280	1.50	-
2480MHz	Pass	AV	2.4802G	92.98	Inf	-Inf	3	Vertical	176	1.04	-
2480MHz	Pass	AV	2.4998G	48.24	54.00	-5.76	3	Vertical	176	1.04	-
2480MHz	Pass	PK	2.4796G	95.28	Inf	-Inf	3	Vertical	176	1.04	-
2480MHz	Pass	PK	2.4936G	59.04	74.00	-14.96	3	Vertical	176	1.04	-
2480MHz	Pass	AV	2.4802G	91.05	Inf	-Inf	3	Horizontal	53	3.00	-
2480MHz	Pass	AV	2.4952G	48.61	54.00	-5.39	3	Horizontal	53	3.00	-
2480MHz	Pass	PK	2.4806G	93.42	Inf	-Inf	3	Horizontal	53	3.00	-
2480MHz	Pass	PK	2.4928G	58.29	74.00	-15.71	3	Horizontal	53	3.00	-
2480MHz	Pass	AV	4.95838G	35.23	54.00	-18.77	3	Vertical	360	1.50	-
2480MHz	Pass	PK	4.9645G	46.27	74.00	-27.73	3	Vertical	360	1.50	-
2480MHz	Pass	AV	4.96464G	34.93	54.00	-19.07	3	Horizontal	292	1.50	-
2480MHz	Pass	PK	4.95534G	45.94	74.00	-28.06	3	Horizontal	292	1.50	-

BT-LE(1Mbps)

2402MHz_TX

12/07/2020

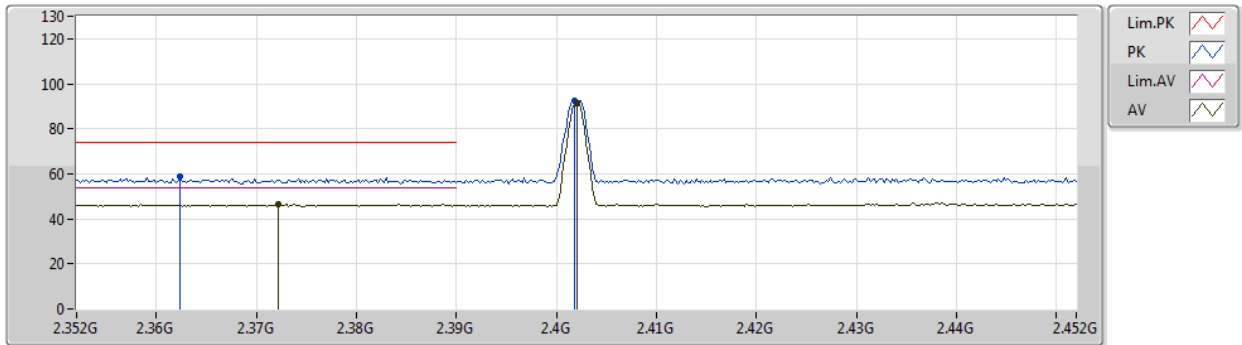


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3592G	46.44	54.00	-7.56	32.78	3	Vertical	209	1.46	-	13.66	27.76	5.02	-
AV	2.402G	95.38	Inf	-Inf	32.70	3	Vertical	209	1.46	-	62.68	27.60	5.10	-
PK	2.3622G	58.23	74.00	-15.77	32.77	3	Vertical	209	1.46	-	25.46	27.75	5.02	-
PK	2.4018G	96.30	Inf	-Inf	32.70	3	Vertical	209	1.46	-	63.60	27.60	5.10	-

BT-LE(1Mbps)

2402MHz_TX

12/07/2020

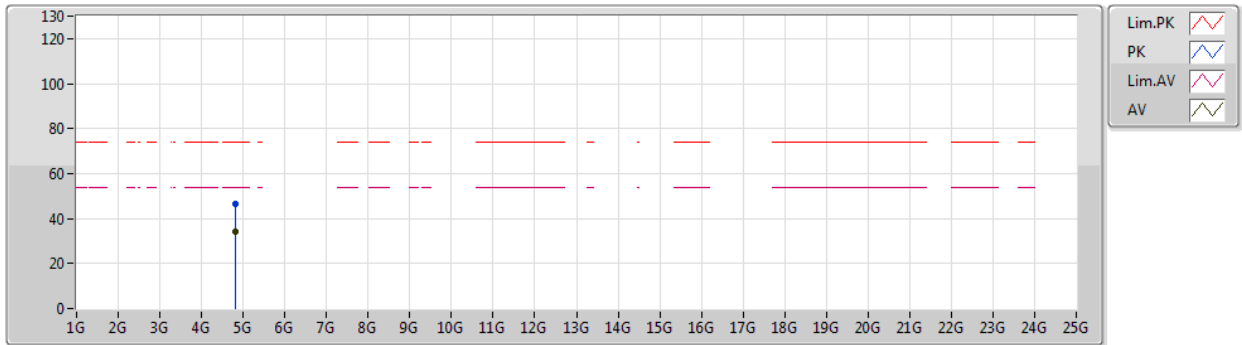


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3722G	46.32	54.00	-7.68	32.75	3	Horizontal	307	1.57	-	13.57	27.71	5.04	-
AV	2.402G	91.47	Inf	-Inf	32.70	3	Horizontal	307	1.57	-	58.77	27.60	5.10	-
PK	2.3624G	58.57	74.00	-15.43	32.77	3	Horizontal	307	1.57	-	25.80	27.75	5.02	-
PK	2.4018G	92.50	Inf	-Inf	32.70	3	Horizontal	307	1.57	-	59.80	27.60	5.10	-

BT-LE(1Mbps)

2402MHz_TX

12/07/2020

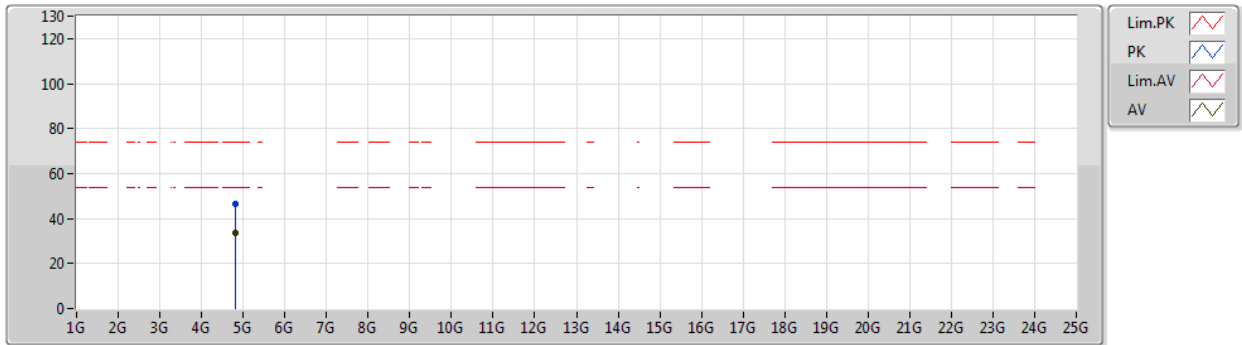


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80078G	33.93	54.00	-20.07	4.10	3	Vertical	350	2.63	-	29.83	31.10	7.30	34.30
PK	4.80638G	46.39	74.00	-27.61	4.14	3	Vertical	350	2.63	-	42.25	31.13	7.31	34.30

BT-LE(1Mbps)

2402MHz_TX

12/07/2020

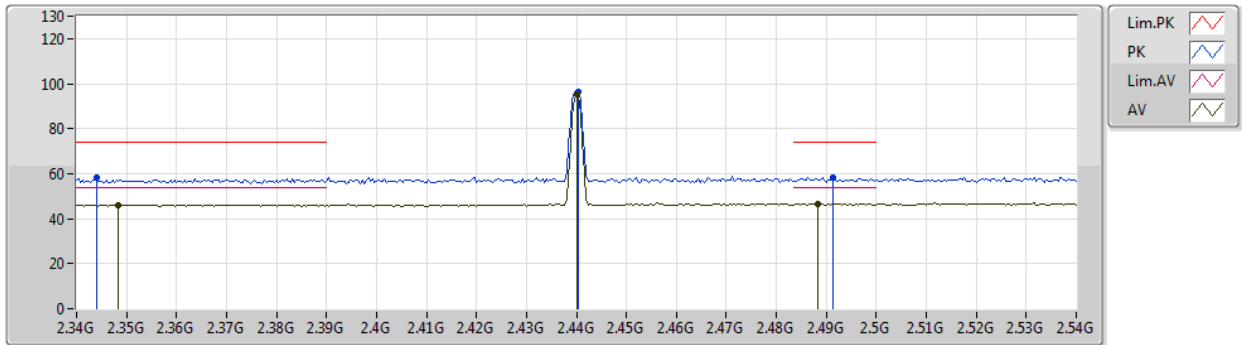


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80764G	33.71	54.00	-20.29	4.14	3	Horizontal	101	1.50	-	29.57	31.13	7.31	34.30
PK	4.80456G	46.31	74.00	-27.69	4.12	3	Horizontal	101	1.50	-	42.19	31.12	7.30	34.30

BT-LE(1Mbps)

2440MHz_TX

12/07/2020

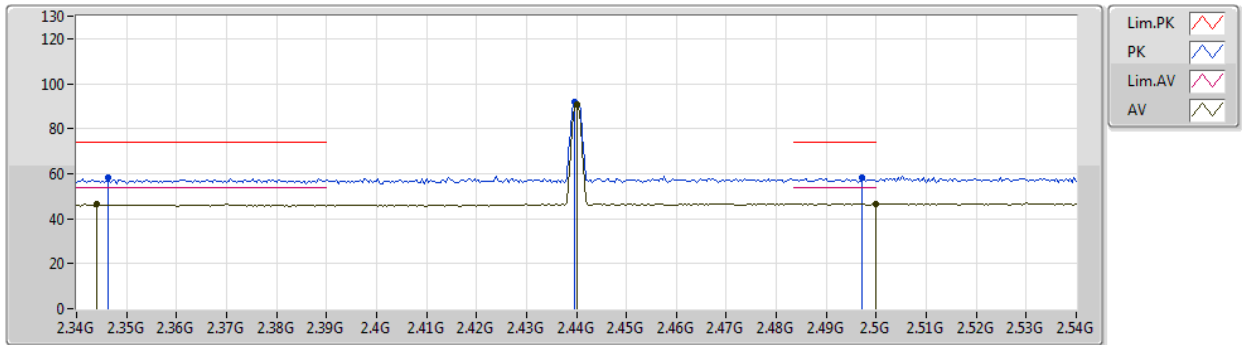


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3484G	46.21	54.00	-7.79	32.80	3	Vertical	178	1.50	-	13.41	27.80	5.00	-
AV	2.44G	95.25	Inf	-Inf	32.76	3	Vertical	178	1.50	-	62.49	27.60	5.16	-
AV	2.4884G	46.56	54.00	-7.44	32.83	3	Vertical	178	1.50	-	13.73	27.60	5.23	-
PK	2.344G	58.17	74.00	-15.83	32.80	3	Vertical	178	1.50	-	25.37	27.81	4.99	-
PK	2.4404G	96.25	Inf	-Inf	32.76	3	Vertical	178	1.50	-	63.49	27.60	5.16	-
PK	2.4912G	58.40	74.00	-15.60	32.84	3	Vertical	178	1.50	-	25.56	27.60	5.24	-

BT-LE(1Mbps)

2440MHz_TX

12/07/2020

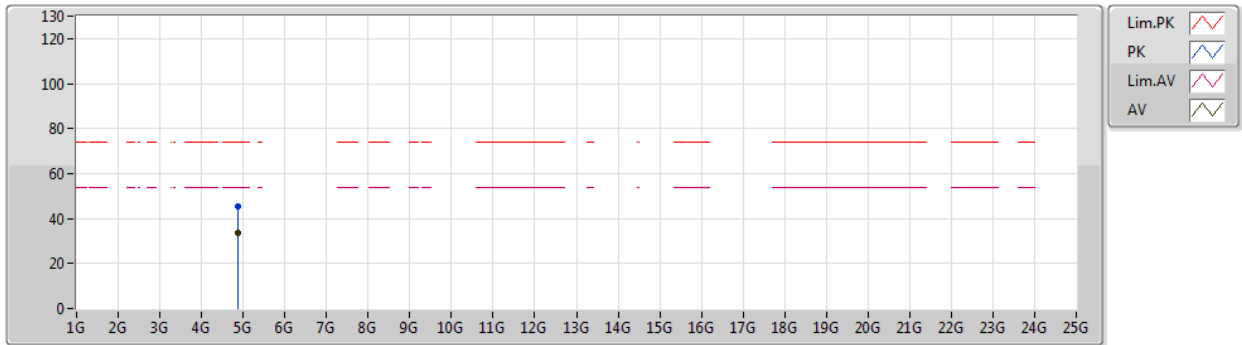


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.344G	46.32	54.00	-7.68	32.80	3	Horizontal	45	2.55	-	13.52	27.81	4.99	-
AV	2.44G	90.91	Inf	-Inf	32.76	3	Horizontal	45	2.55	-	58.15	27.60	5.16	-
AV	2.5G	46.74	54.00	-7.26	32.85	3	Horizontal	45	2.55	-	13.89	27.60	5.25	-
PK	2.3464G	58.05	74.00	-15.95	32.80	3	Horizontal	45	2.55	-	25.25	27.81	4.99	-
PK	2.4396G	91.88	Inf	-Inf	32.76	3	Horizontal	45	2.55	-	59.12	27.60	5.16	-
PK	2.4972G	58.10	74.00	-15.90	32.85	3	Horizontal	45	2.55	-	25.25	27.60	5.25	-

BT-LE(1Mbps)

2440MHz_TX

12/07/2020

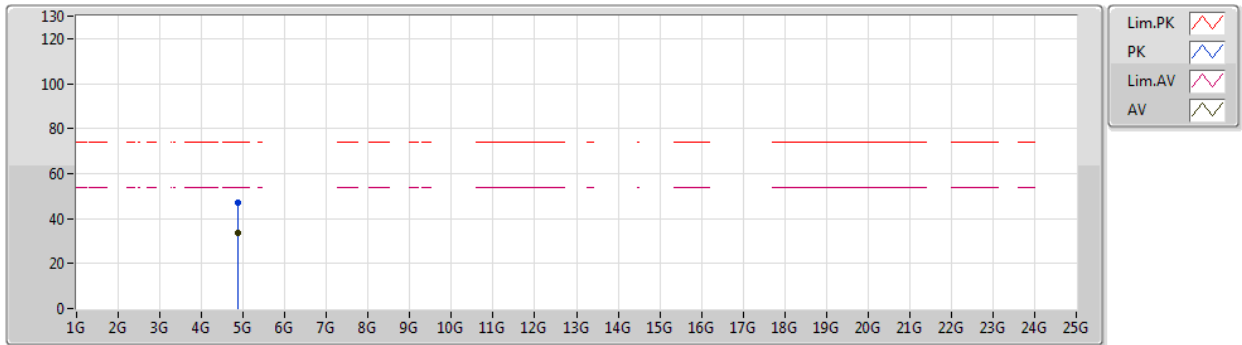


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8808G	33.74	54.00	-20.26	4.34	3	Vertical	80	2.13	-	29.40	31.24	7.38	34.28
PK	4.88474G	45.37	74.00	-28.63	4.34	3	Vertical	80	2.13	-	41.03	31.23	7.38	34.27

BT-LE(1Mbps)

2440MHz_TX

12/07/2020

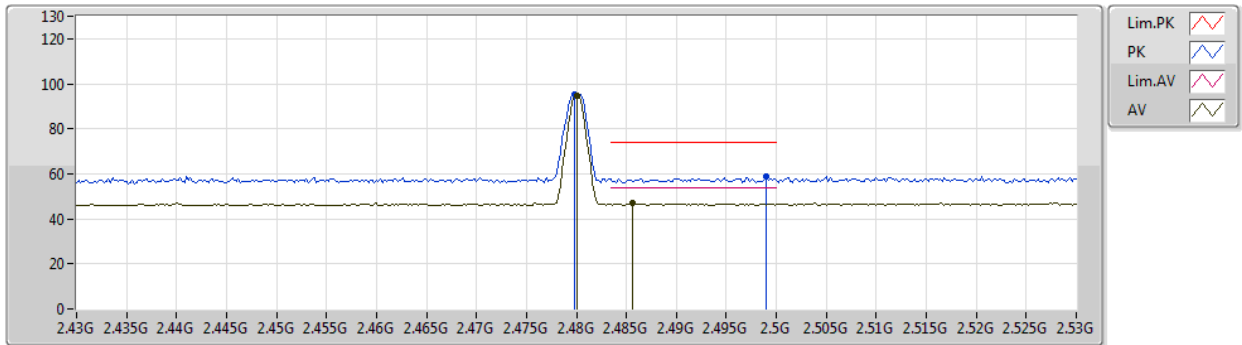


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87918G	33.50	54.00	-20.50	4.34	3	Horizontal	261	2.42	-	29.16	31.24	7.38	34.28
PK	4.8783G	47.23	74.00	-26.77	4.34	3	Horizontal	261	2.42	-	42.89	31.24	7.38	34.28

BT-LE(1Mbps)

2480MHz_TX

12/07/2020

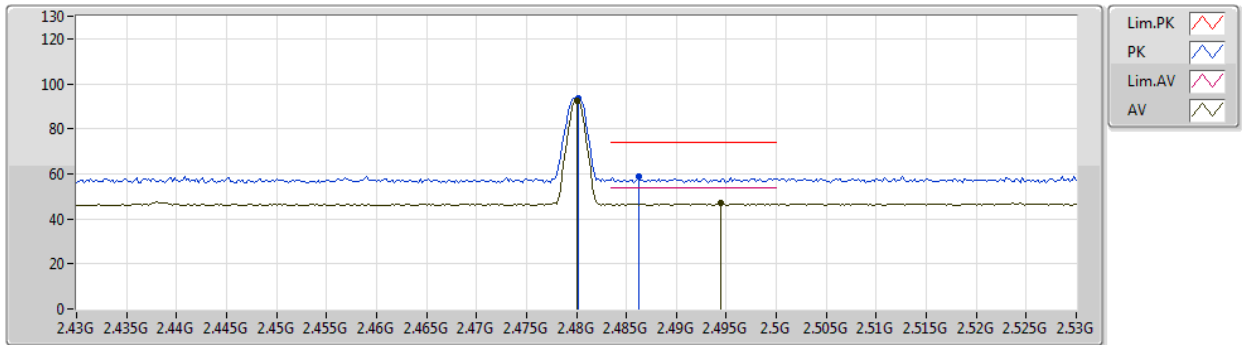


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	94.48	Inf	-Inf	32.82	3	Vertical	174	1.32	-	61.66	27.60	5.22	-
AV	2.4856G	46.79	54.00	-7.21	32.83	3	Vertical	174	1.32	-	13.96	27.60	5.23	-
PK	2.4798G	95.52	Inf	-Inf	32.82	3	Vertical	174	1.32	-	62.70	27.60	5.22	-
PK	2.499G	59.10	74.00	-14.90	32.85	3	Vertical	174	1.32	-	26.25	27.60	5.25	-

BT-LE(1Mbps)

2480MHz_TX

12/07/2020

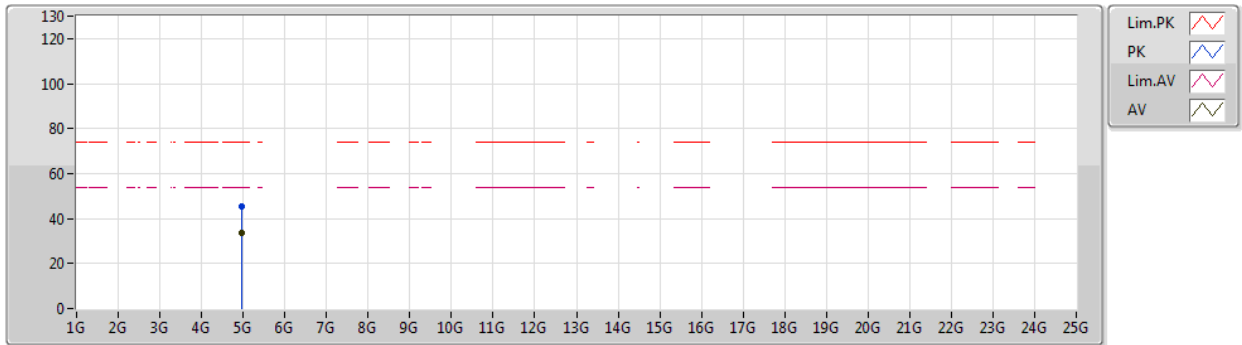


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	92.38	Inf	-Inf	32.82	3	Horizontal	55	3.00	-	59.56	27.60	5.22	-
AV	2.4944G	46.84	54.00	-7.16	32.84	3	Horizontal	55	3.00	-	14.00	27.60	5.24	-
PK	2.4802G	93.37	Inf	-Inf	32.82	3	Horizontal	55	3.00	-	60.55	27.60	5.22	-
PK	2.4862G	58.60	74.00	-15.40	32.83	3	Horizontal	55	3.00	-	25.77	27.60	5.23	-

BT-LE(1Mbps)

2480MHz_TX

12/07/2020

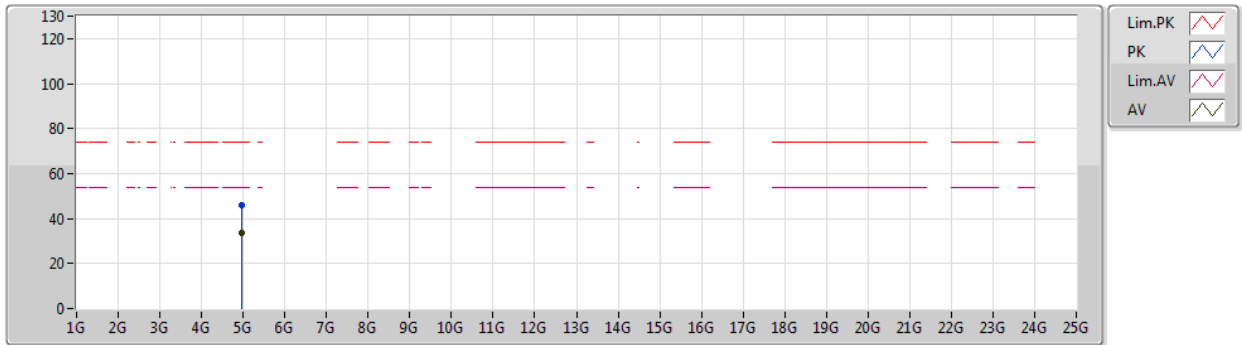


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.95972G	33.59	54.00	-20.41	4.72	3	Vertical	309	1.05	-	28.87	31.42	7.46	34.16
PK	4.96424G	45.53	74.00	-28.47	4.74	3	Vertical	309	1.05	-	40.79	31.43	7.46	34.15

BT-LE(1Mbps)

2480MHz_TX

12/07/2020

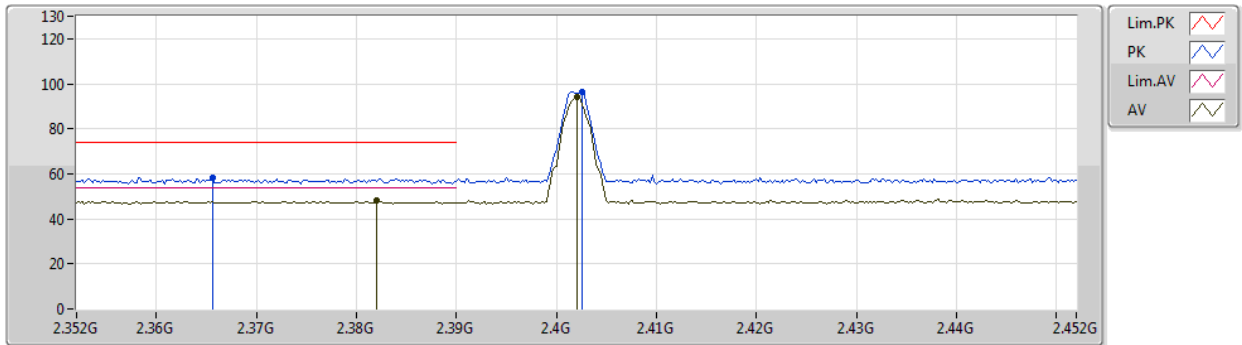


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.9618G	33.44	54.00	-20.56	4.73	3	Horizontal	315	1.19	-	28.71	31.42	7.46	34.15
PK	4.9631G	46.08	74.00	-27.92	4.74	3	Horizontal	315	1.19	-	41.34	31.43	7.46	34.15

BT-LE(2Mbps)

2402MHz_TX

12/07/2020

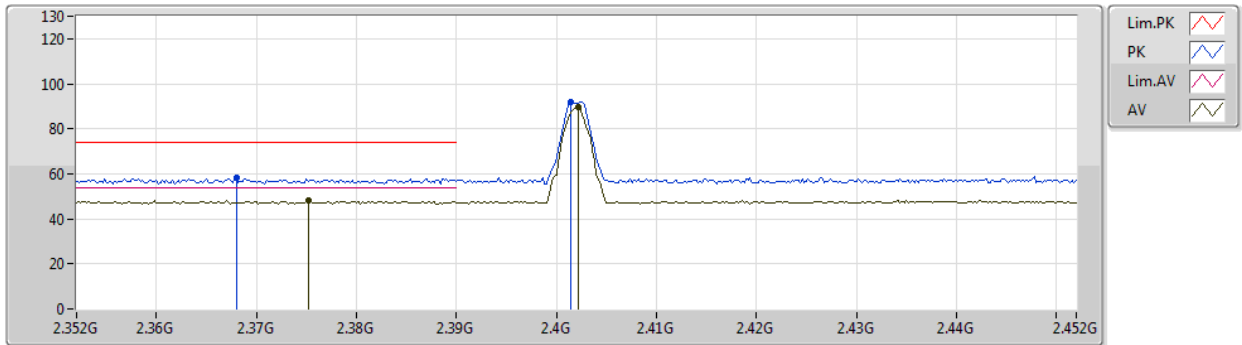


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.382G	47.92	54.00	-6.08	32.73	3	Vertical	209	1.46	-	15.19	27.67	5.06	-
AV	2.402G	94.12	Inf	-Inf	32.70	3	Vertical	209	1.46	-	61.42	27.60	5.10	-
PK	2.3656G	58.15	74.00	-15.85	32.77	3	Vertical	209	1.46	-	25.38	27.74	5.03	-
PK	2.4026G	96.46	Inf	-Inf	32.70	3	Vertical	209	1.46	-	63.76	27.60	5.10	-

BT-LE(2Mbps)

2402MHz_TX

12/07/2020

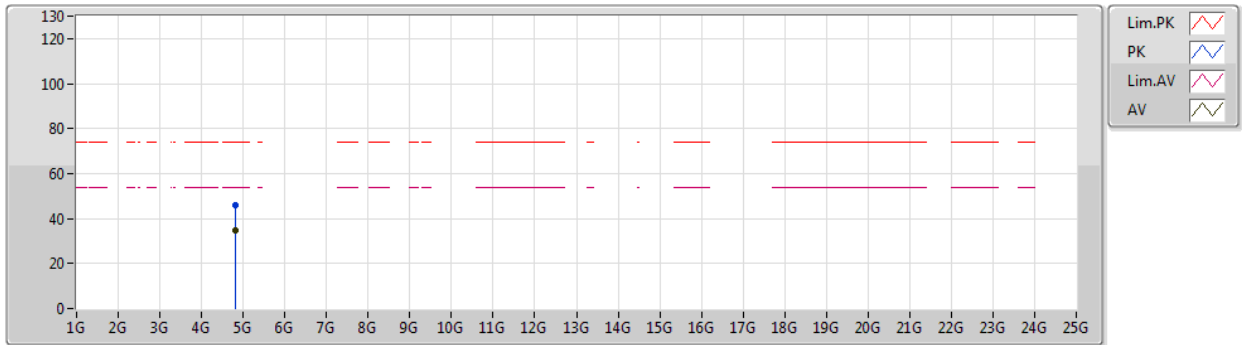


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3752G	48.16	54.00	-5.84	32.75	3	Horizontal	307	1.56	-	15.41	27.70	5.05	-
AV	2.4022G	89.69	Inf	-Inf	32.70	3	Horizontal	307	1.56	-	56.99	27.60	5.10	-
PK	2.368G	58.23	74.00	-15.77	32.77	3	Horizontal	307	1.56	-	25.46	27.73	5.04	-
PK	2.4014G	92.05	Inf	-Inf	32.70	3	Horizontal	307	1.56	-	59.35	27.60	5.10	-

BT-LE(2Mbps)

2402MHz_TX

12/07/2020

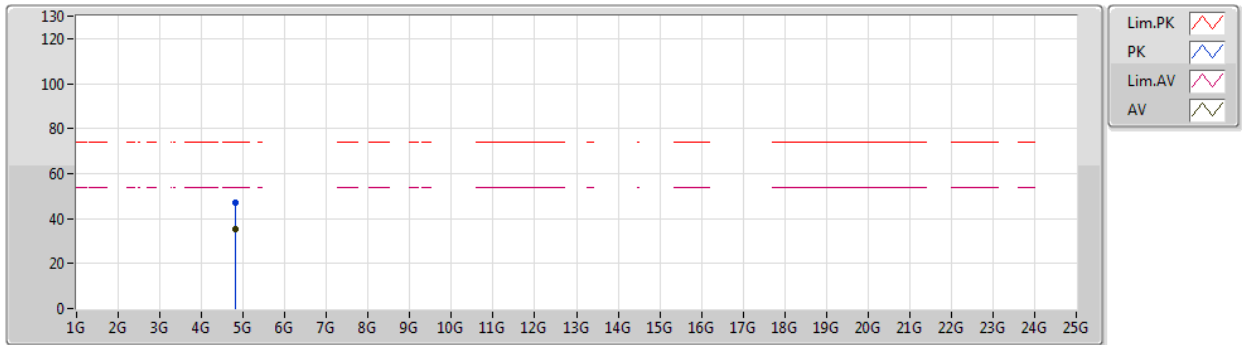


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.79968G	34.68	54.00	-19.32	4.10	3	Vertical	44	1.31	-	30.58	31.10	7.30	34.30
PK	4.7991G	45.70	74.00	-28.30	4.10	3	Vertical	44	1.31	-	41.60	31.10	7.30	34.30

BT-LE(2Mbps)

2402MHz_TX

12/07/2020

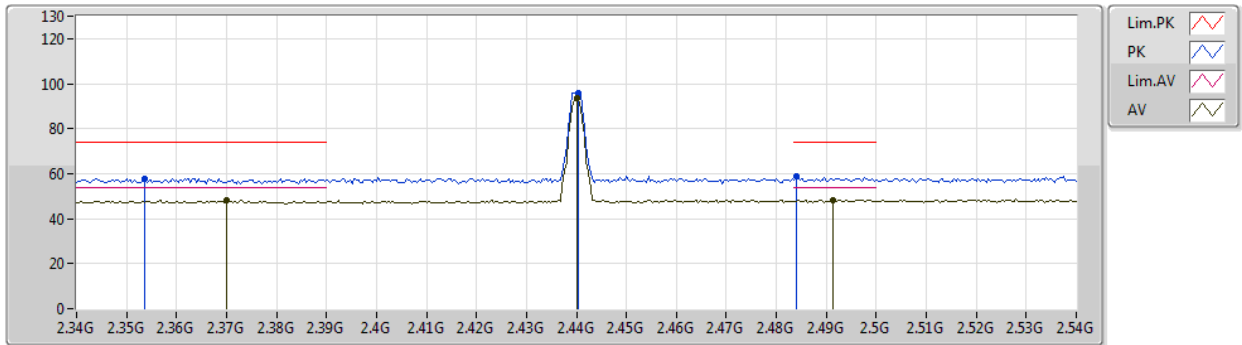


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.8083G	35.19	54.00	-18.81	4.14	3	Horizontal	192	1.78	-	31.05	31.13	7.31	34.30
PK	4.80124G	46.95	74.00	-27.05	4.10	3	Horizontal	192	1.78	-	42.85	31.10	7.30	34.30

BT-LE(2Mbps)

2440MHz_TX

12/07/2020

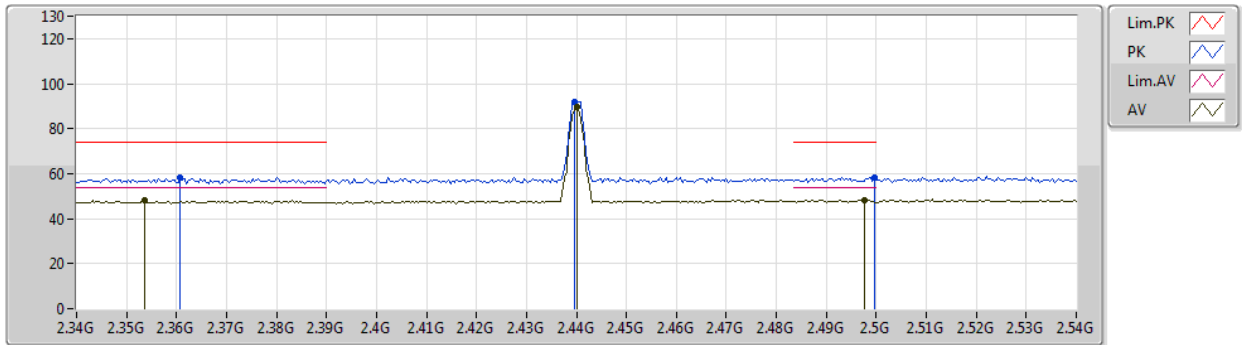


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.37G	48.07	54.00	-5.93	32.76	3	Vertical	176	1.50	-	15.31	27.72	5.04	-
AV	2.44G	93.58	Inf	-Inf	32.76	3	Vertical	176	1.50	-	60.82	27.60	5.16	-
AV	2.4912G	48.41	54.00	-5.59	32.84	3	Vertical	176	1.50	-	15.57	27.60	5.24	-
PK	2.3536G	57.99	74.00	-16.01	32.80	3	Vertical	176	1.50	-	25.19	27.79	5.01	-
PK	2.4404G	95.95	Inf	-Inf	32.76	3	Vertical	176	1.50	-	63.19	27.60	5.16	-
PK	2.484G	58.76	74.00	-15.24	32.83	3	Vertical	176	1.50	-	25.93	27.60	5.23	-

BT-LE(2Mbps)

2440MHz_TX

12/07/2020

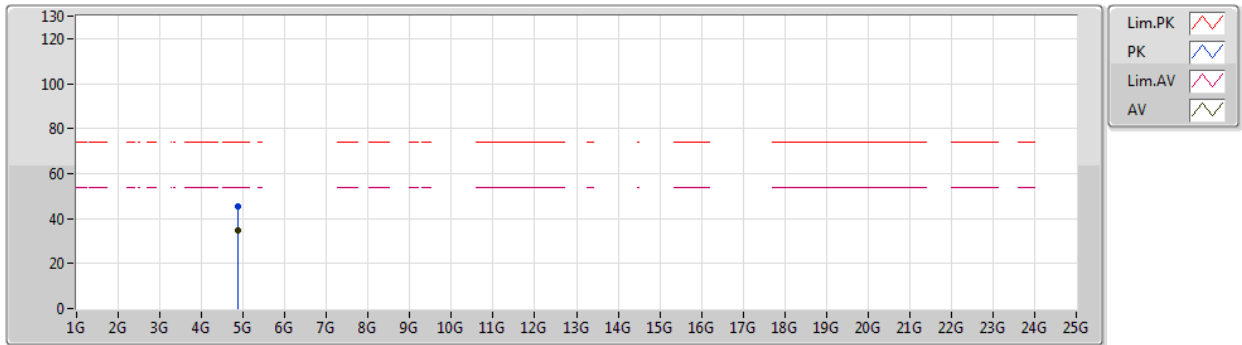


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3536G	48.21	54.00	-5.79	32.80	3	Horizontal	44	2.55	-	15.41	27.79	5.01	-
AV	2.44G	89.50	Inf	-Inf	32.76	3	Horizontal	44	2.55	-	56.74	27.60	5.16	-
AV	2.4976G	48.43	54.00	-5.57	32.85	3	Horizontal	44	2.55	-	15.58	27.60	5.25	-
PK	2.3608G	58.24	74.00	-15.76	32.78	3	Horizontal	44	2.55	-	25.46	27.76	5.02	-
PK	2.4396G	91.94	Inf	-Inf	32.76	3	Horizontal	44	2.55	-	59.18	27.60	5.16	-
PK	2.4996G	58.19	74.00	-15.81	32.85	3	Horizontal	44	2.55	-	25.34	27.60	5.25	-

BT-LE(2Mbps)

2440MHz_TX

12/07/2020

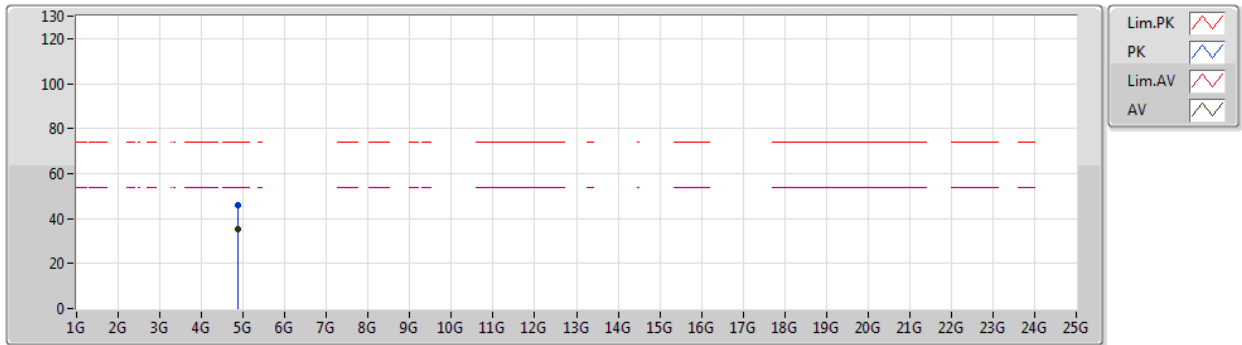


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87562G	35.00	54.00	-19.00	4.35	3	Vertical	316	1.50	-	30.65	31.25	7.38	34.28
PK	4.8773G	45.63	74.00	-28.37	4.35	3	Vertical	316	1.50	-	41.28	31.25	7.38	34.28

BT-LE(2Mbps)

2440MHz_TX

12/07/2020

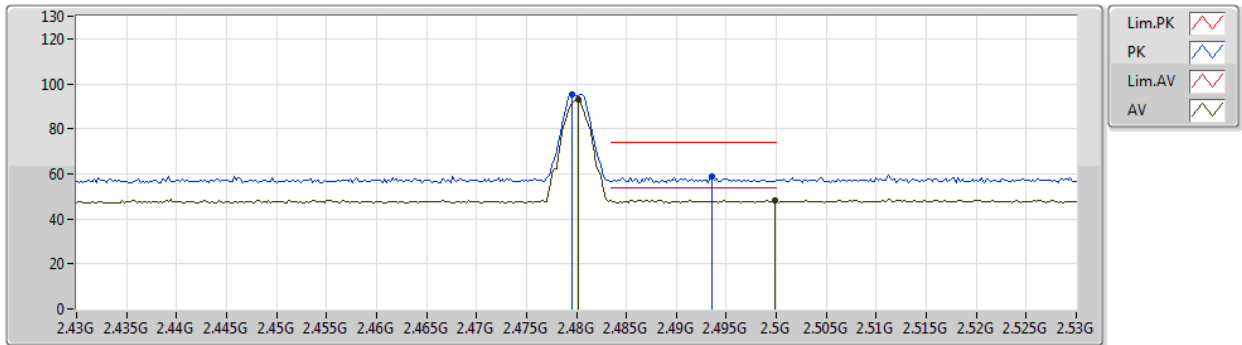


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87968G	35.22	54.00	-18.78	4.34	3	Horizontal	280	1.50	-	30.88	31.24	7.38	34.28
PK	4.88146G	46.04	74.00	-27.96	4.34	3	Horizontal	280	1.50	-	41.70	31.24	7.38	34.28

BT-LE(2Mbps)

2480MHz_TX

12/07/2020

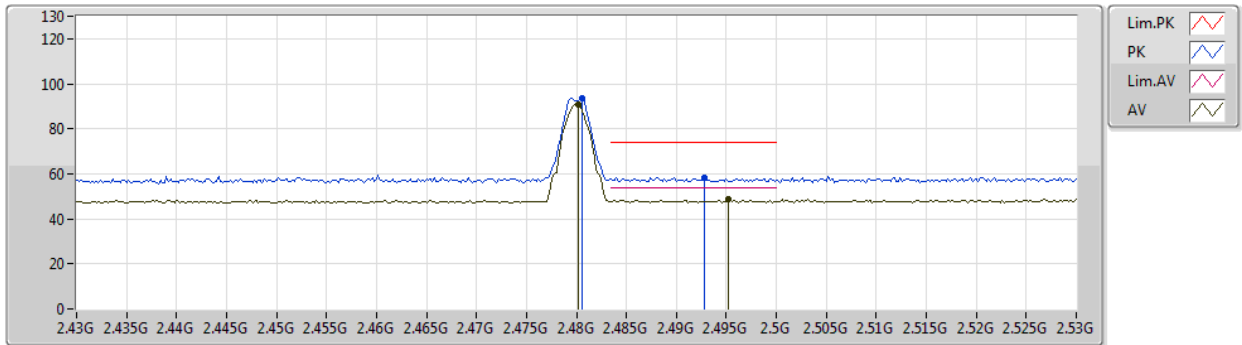


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4802G	92.98	Inf	-Inf	32.82	3	Vertical	176	1.04	-	60.16	27.60	5.22	-
AV	2.4998G	48.24	54.00	-5.76	32.85	3	Vertical	176	1.04	-	15.39	27.60	5.25	-
PK	2.4796G	95.28	Inf	-Inf	32.82	3	Vertical	176	1.04	-	62.46	27.60	5.22	-
PK	2.4936G	59.04	74.00	-14.96	32.84	3	Vertical	176	1.04	-	26.20	27.60	5.24	-

BT-LE(2Mbps)

2480MHz_TX

12/07/2020

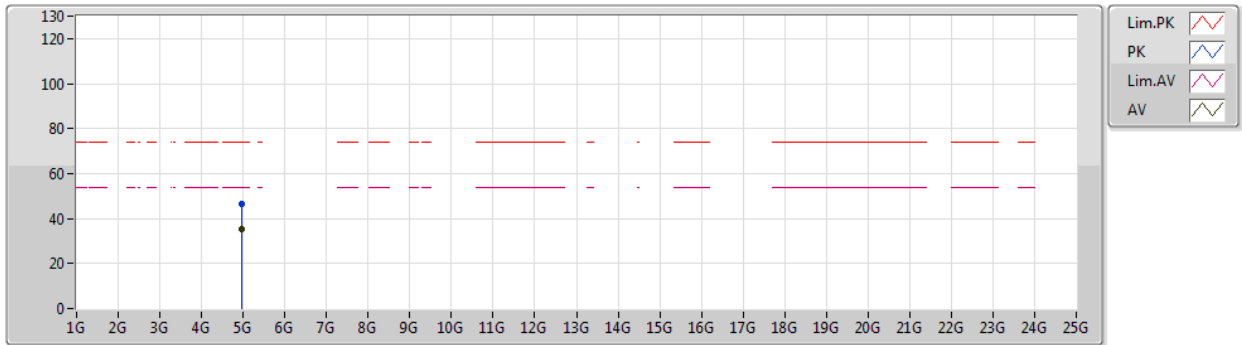


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4802G	91.05	Inf	-Inf	32.82	3	Horizontal	53	3.00	-	58.23	27.60	5.22	-
AV	2.4952G	48.61	54.00	-5.39	32.84	3	Horizontal	53	3.00	-	15.77	27.60	5.24	-
PK	2.4806G	93.42	Inf	-Inf	32.82	3	Horizontal	53	3.00	-	60.60	27.60	5.22	-
PK	2.4928G	58.29	74.00	-15.71	32.84	3	Horizontal	53	3.00	-	25.45	27.60	5.24	-

BT-LE(2Mbps)

2480MHz_TX

12/07/2020

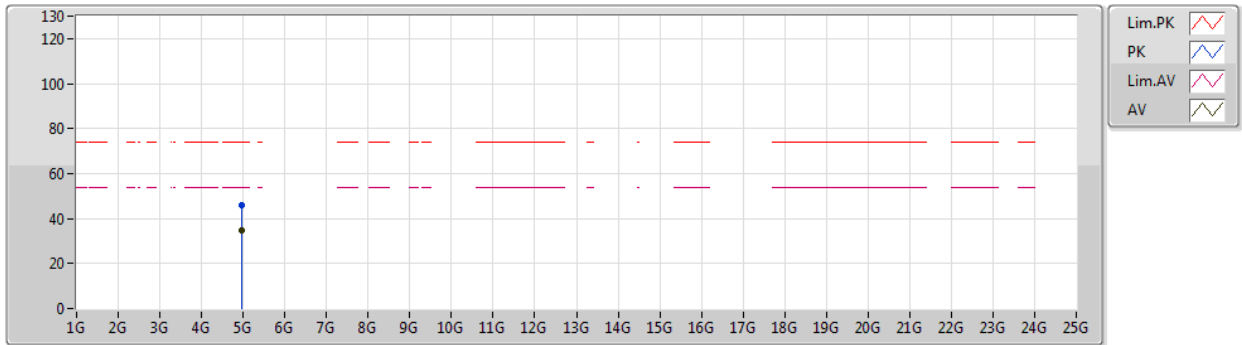


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.95838G	35.23	54.00	-18.77	4.72	3	Vertical	360	1.50	-	30.51	31.42	7.46	34.16
PK	4.9645G	46.27	74.00	-27.73	4.74	3	Vertical	360	1.50	-	41.53	31.43	7.46	34.15

BT-LE(2Mbps)

2480MHz_TX

12/07/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.96464G	34.93	54.00	-19.07	4.74	3	Horizontal	292	1.50	-	30.19	31.43	7.46	34.15
PK	4.95534G	45.94	74.00	-28.06	4.71	3	Horizontal	292	1.50	-	41.23	31.41	7.46	34.16