



FCC Test Report

FCC ID : 2AX39-0029907540
Equipment : Infiot Extensible Edge
Brand Name : Infiot
Model Name : iXEdge-101
Applicant : Infiot Inc
75 E Santa Clara St. Suite 600, San Jose, CA 95113, USA
Manufacturer : Infiot Inc
75 E Santa Clara St. Suite 600, San Jose, CA 95113, USA
Standard : 47 CFR FCC Part 15.247

The product was received on Aug. 27, 2020, and testing was started from Sep. 09, 2020 and completed on Sep. 24, 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

TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-C10 Ver3.9
FCC ID: 2AX39-0029907540

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: Jenny Yang

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	Master Wave	7102A0455000	Dipole	Reverse SMA
2	Master Wave	7102A0455000	Dipole	Reverse SMA
3	Master Wave	7102A046400	Dipole	Reverse SMA

Ant.	Port	Gain (dBi)		
		2.4G	5G	BT
1	1	3.19	5.85	-
2	2	3.19	5.85	-
3	1	-	-	2.53

Note 1: The EUT has three antennas.

For 2.4GHz function:

For IEEE 802.11 b/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)

Only Ant. 3 (port 1) can be used as transmitting/receiving antenna.

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)	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
BT-LE(2Mbps)	1	0	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)

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	CO04-HY	Edward Wang	22.5~23.1°C / 56~ 60%	22/Sep/2020
RF Conducted	TH06-HY	Alan Chien	22~27.1°C / 51~62%	23/Sep/2020
Radiated	03CH09-HY	Lego Lin	21.5~24.6°C / 57~ 60%	09/Sep/2020~ 24/Sep/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	BTool-Bluetooth Low Energy Application v1.42.16
-----------------------	--

Mode	Power Setting
BT-LE(1Mbps)	-
2402MHz	5
2440MHz	5
2480MHz	5
BT-LE(2Mbps)	-
2402MHz	5
2440MHz	5
2480MHz	5

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	Y Plane	Z Plane
		
Worst Planes of EUT		V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Operating Mode	CTX
1	Bluetooth+WLAN 2.4GHz+LTE
2	Bluetooth+WLAN 5GHz+LTE
Refer to Sporton Test Report No.: FA082630 for Co-location RF Exposure Evaluation.	

2.4 Accessories

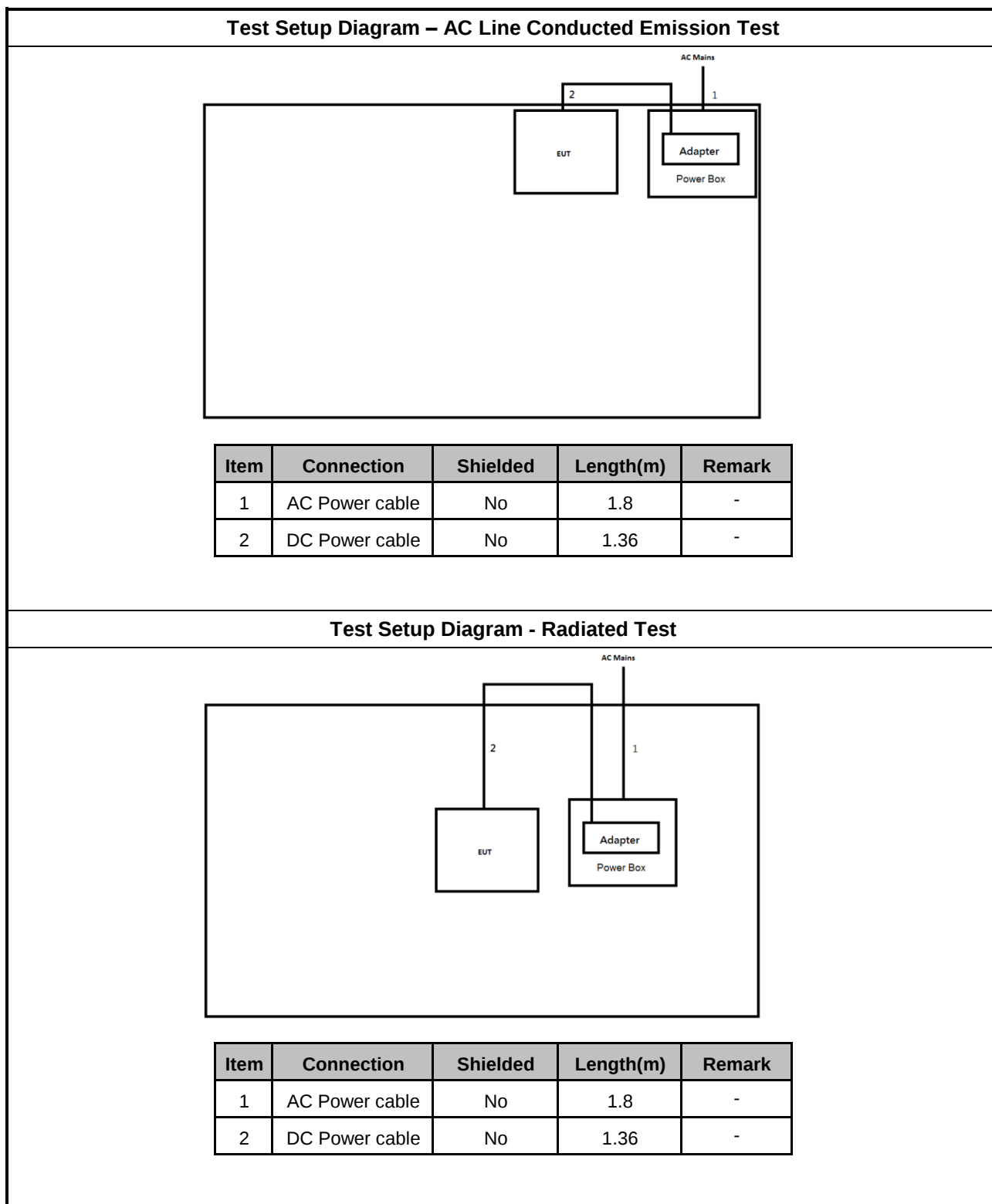
Accessories				
AC Adapter	Brand Name	SUNNY COMPUTER TECHNOLOGY CO.,LTD	Model Name	SYS1541-2412
	Power Rating	I/P: 100 - 240 Vac, 1.0 A,MAX,50-60Hz O/P: +12Vdc, 2.0A		
	Power Cord	1.36meter,non-shielded cable, w/o ferrite core		
Din rail bracket	Brand Name	Infiot	Model Name	iX101-DIN

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	-	-

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

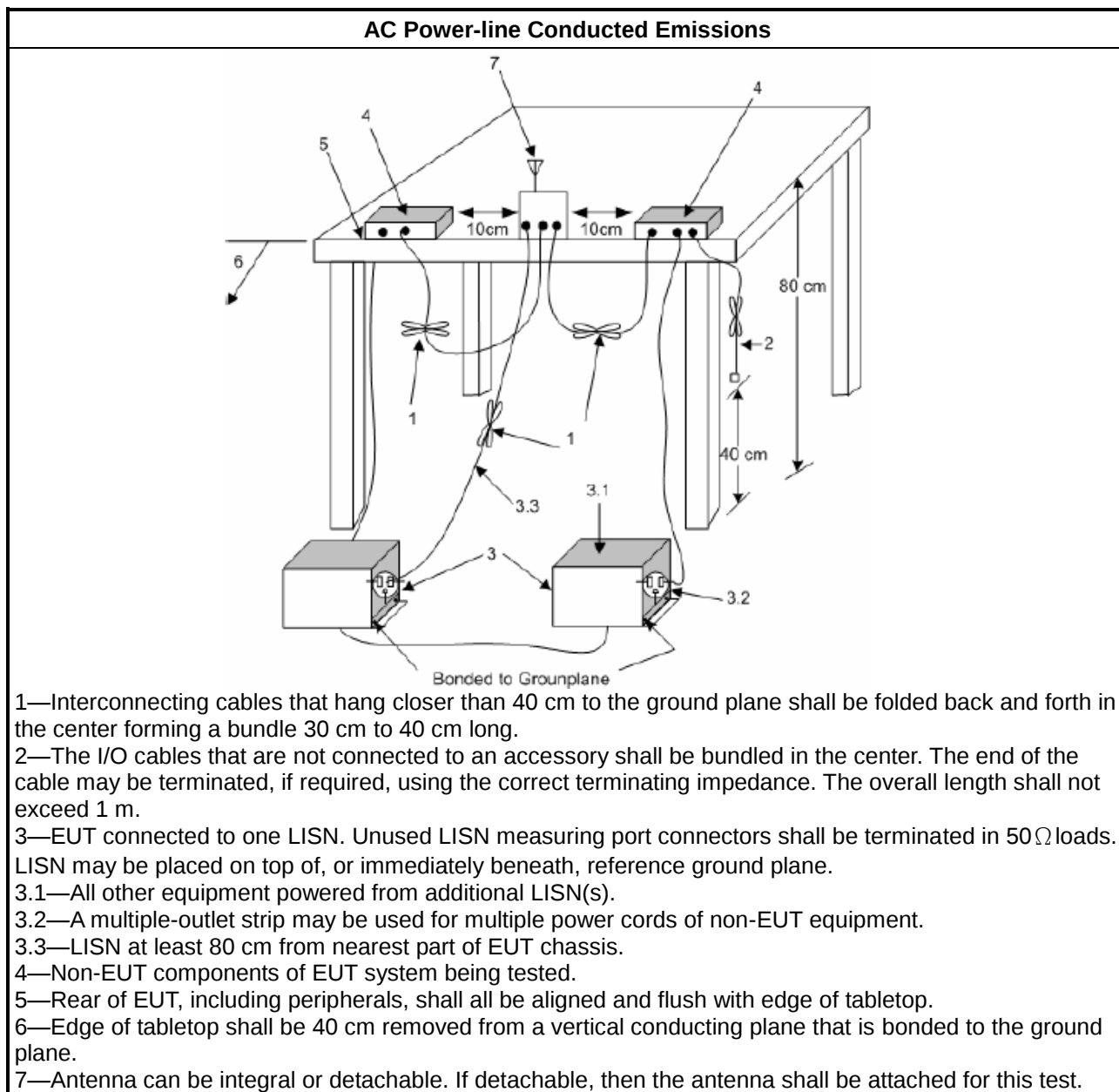
Test Method
▪ Refer as ANSI C63.10-2013, clause 6.2 foray power-line conducted emissions.

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.

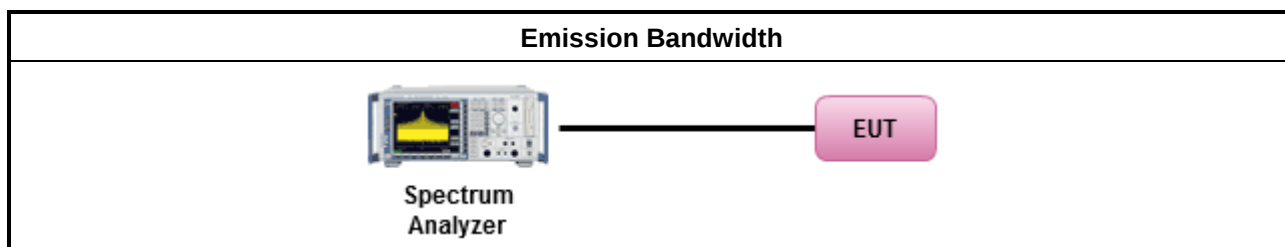
3.2.2 Measuring Instruments

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.	

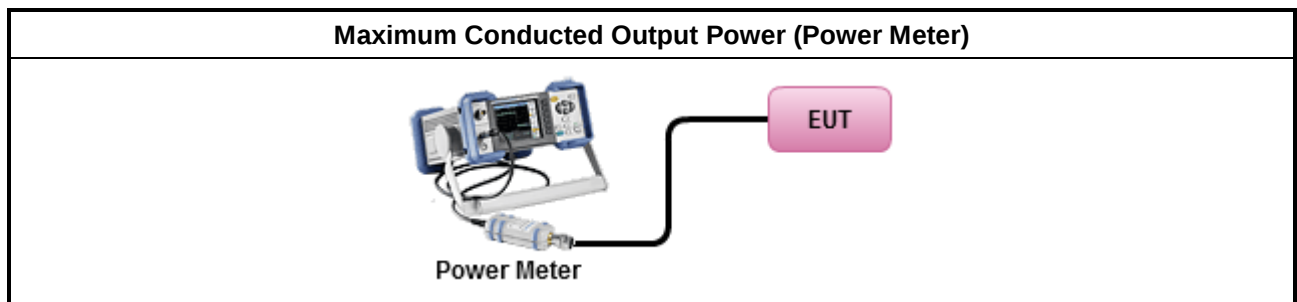
3.3.2 Measuring Instruments

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

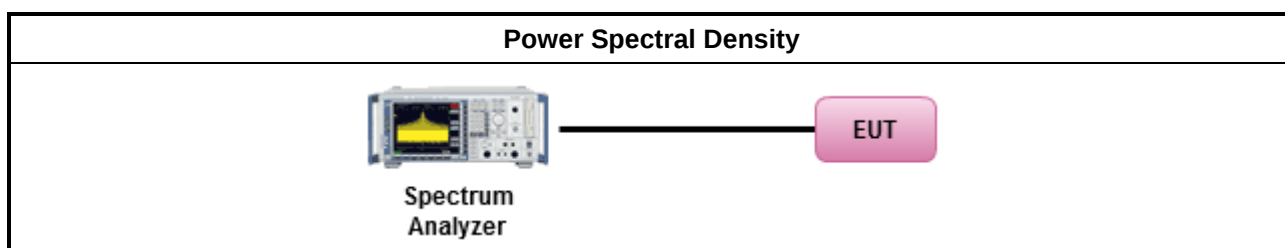
3.4.2 Measuring Instruments

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.	

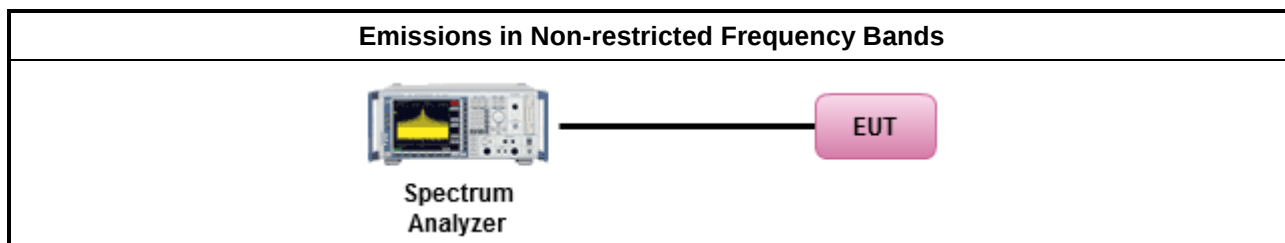
3.5.2 Measuring Instruments

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

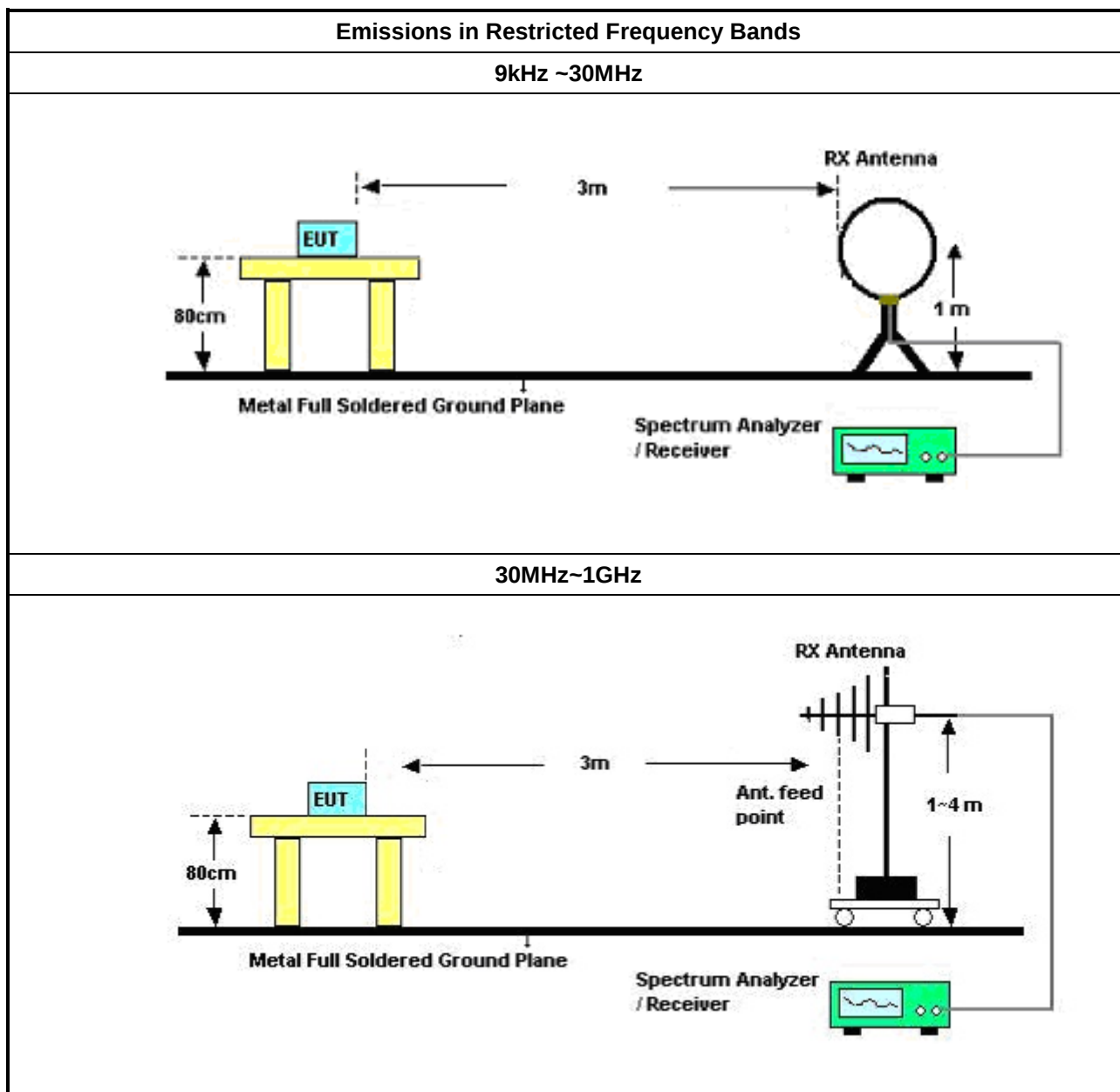
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted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





3.6.7 Test Result of Emissions in Restricted Frequency Bands

TEL : 886-3-3273456
FAX : 886-3-3270973
Report Template No.: HE1-C10 Ver3.9
FCC ID: 2AX39-0029907540

4 Test Equipment and Calibration Data

Instrument for AC Conduction

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

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

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	17/Aug/2020	16/Aug/2021
Amplifier	EMC	EMC9135	980232	9kHz~1GHz	14/Apr/2020	13/Apr/2021
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	24/Jun/2020	23/Jun/2021
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	06/Sep/2020	05/Sep/2021
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	9kHz~30MHz	03/Sep/2020	02/Sep/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
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**

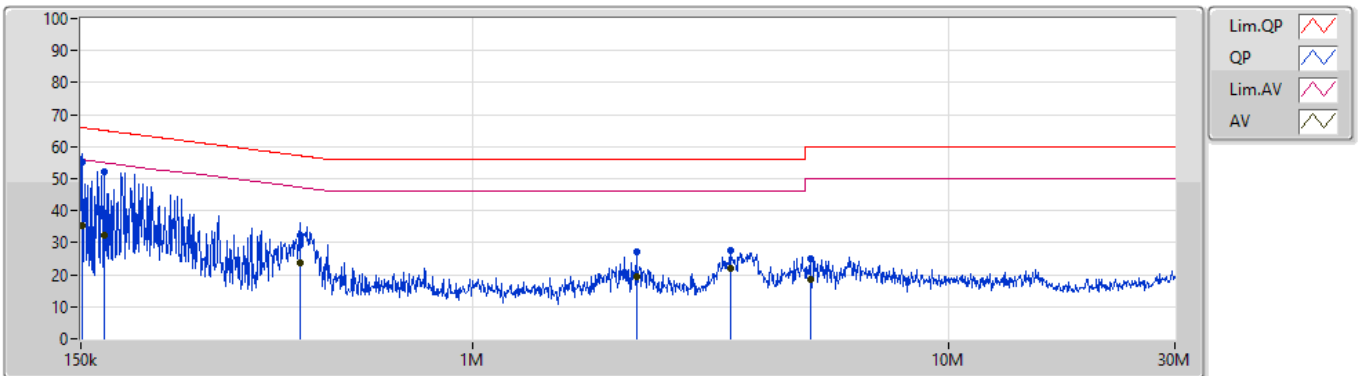
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	151.202k	55.00	65.92	-10.92	Line

Mode Configure

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.202k	55.00	65.92	-10.92	Line	"Worst"
Mode 1	Pass	AV	151.202k	35.38	55.92	-20.54	Line	-
Mode 1	Pass	QP	168.41k	52.13	65.04	-12.91	Line	-
Mode 1	Pass	AV	168.41k	32.27	55.04	-22.77	Line	-
Mode 1	Pass	QP	433.769k	32.36	57.19	-24.83	Line	-
Mode 1	Pass	AV	433.769k	23.84	47.19	-23.35	Line	-
Mode 1	Pass	QP	2.211M	27.20	56.00	-28.80	Line	-
Mode 1	Pass	AV	2.211M	19.39	46.00	-26.61	Line	-
Mode 1	Pass	QP	3.485M	27.40	56.00	-28.60	Line	-
Mode 1	Pass	AV	3.485M	21.88	46.00	-24.12	Line	-
Mode 1	Pass	QP	5.134M	25.02	60.00	-34.98	Line	-
Mode 1	Pass	AV	5.134M	18.71	50.00	-31.29	Line	-
Mode 1	Pass	QP	163.769k	51.85	65.27	-13.42	Neutral	"Worst"
Mode 1	Pass	AV	163.769k	30.65	55.27	-24.62	Neutral	-
Mode 1	Pass	QP	442.514k	30.63	57.01	-26.38	Neutral	-
Mode 1	Pass	AV	442.514k	21.70	47.01	-25.31	Neutral	-
Mode 1	Pass	QP	821.586k	14.02	56.00	-41.98	Neutral	-
Mode 1	Pass	AV	821.586k	12.43	46.00	-33.57	Neutral	-
Mode 1	Pass	QP	2.211M	23.36	56.00	-32.64	Neutral	-
Mode 1	Pass	AV	2.211M	16.80	46.00	-29.20	Neutral	-
Mode 1	Pass	QP	3.76M	28.40	56.00	-27.60	Neutral	-
Mode 1	Pass	AV	3.76M	23.99	46.00	-22.01	Neutral	-
Mode 1	Pass	QP	6.981M	21.48	60.00	-38.52	Neutral	-
Mode 1	Pass	AV	6.981M	17.75	50.00	-32.25	Neutral	-

Conducted Emissions at Powerline_Mode 1

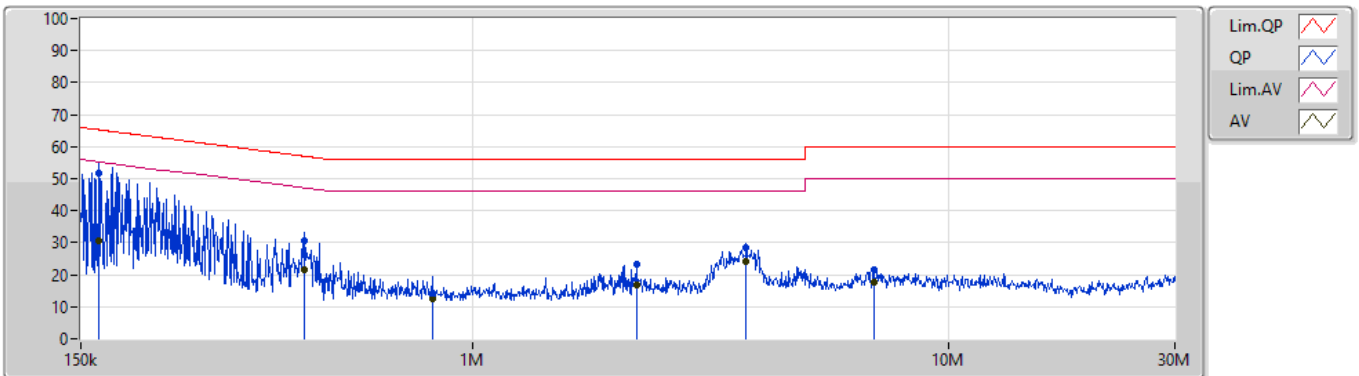
22/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	151.202k	55.00	65.92	-10.92	19.54	Line	"Worst"	35.46	9.66	0.01	9.87			
AV	151.202k	35.38	55.92	-20.54	19.54	Line	-	15.84	9.66	0.01	9.87			
QP	168.41k	52.13	65.04	-12.91	19.54	Line	-	32.59	9.66	0.01	9.87			
AV	168.41k	32.27	55.04	-22.77	19.54	Line	-	12.73	9.66	0.01	9.87			
QP	433.769k	32.36	57.19	-24.83	19.53	Line	-	12.83	9.64	0.02	9.87			
AV	433.769k	23.84	47.19	-23.35	19.53	Line	-	4.31	9.64	0.02	9.87			
QP	2.211M	27.20	56.00	-28.80	19.61	Line	-	7.59	9.65	0.09	9.87			
AV	2.211M	19.39	46.00	-26.61	19.61	Line	-	-0.22	9.65	0.09	9.87			
QP	3.485M	27.40	56.00	-28.60	19.65	Line	-	7.75	9.66	0.11	9.88			
AV	3.485M	21.88	46.00	-24.12	19.65	Line	-	2.23	9.66	0.11	9.88			
QP	5.134M	25.02	60.00	-34.98	19.69	Line	-	5.33	9.67	0.14	9.88			
AV	5.134M	18.71	50.00	-31.29	19.69	Line	-	-0.98	9.67	0.14	9.88			

Conducted Emissions at Powerline_Mode 1

22/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	163.769k	51.85	65.27	-13.42	19.53	Neutral	"Worst"	32.32	9.65	0.01	9.87			
AV	163.769k	30.65	55.27	-24.62	19.53	Neutral	-	11.12	9.65	0.01	9.87			
QP	442.514k	30.63	57.01	-26.38	19.52	Neutral	-	11.11	9.63	0.02	9.87			
AV	442.514k	21.70	47.01	-25.31	19.52	Neutral	-	2.18	9.63	0.02	9.87			
QP	821.586k	14.02	56.00	-41.98	19.54	Neutral	-	-5.52	9.63	0.04	9.87			
AV	821.586k	12.43	46.00	-33.57	19.54	Neutral	-	-7.11	9.63	0.04	9.87			
QP	2.211M	23.36	56.00	-32.64	19.61	Neutral	-	3.75	9.65	0.09	9.87			
AV	2.211M	16.80	46.00	-29.20	19.61	Neutral	-	-2.81	9.65	0.09	9.87			
QP	3.76M	28.40	56.00	-27.60	19.66	Neutral	-	8.74	9.66	0.12	9.88			
AV	3.76M	23.99	46.00	-22.01	19.66	Neutral	-	4.33	9.66	0.12	9.88			
QP	6.981M	21.48	60.00	-38.52	19.73	Neutral	-	1.75	9.68	0.17	9.88			
AV	6.981M	17.75	50.00	-32.25	19.73	Neutral	-	-1.98	9.68	0.17	9.88			



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)	728.75k	1.069M	1M07F1D	706.25k	1.04M
BT-LE(2Mbps)	1.433M	2.093M	2M09F1D	1.325M	2.047M

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

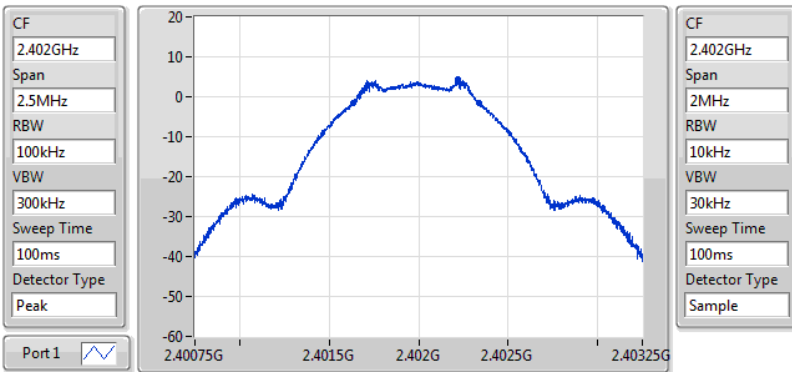
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	500k	706.25k	1.057M
2440MHz	Pass	500k	713.75k	1.04M
2480MHz	Pass	500k	728.75k	1.069M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.39M	2.047M
2440MHz	Pass	500k	1.325M	2.051M
2480MHz	Pass	500k	1.433M	2.093M

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

BT-LE(1Mbps)

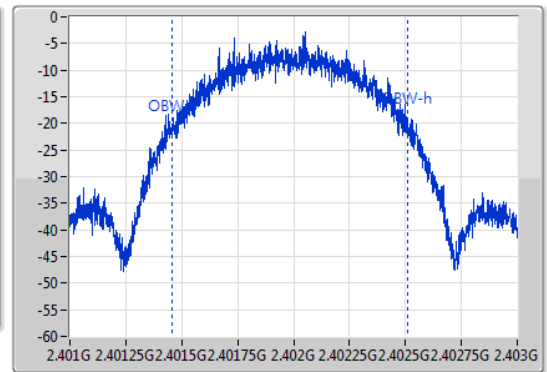
2402MHz



6dB(Hz)	FI-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
706.25k	2.401631G	2.402338G	1.057M	2.401454G	2.402512G	500k	1

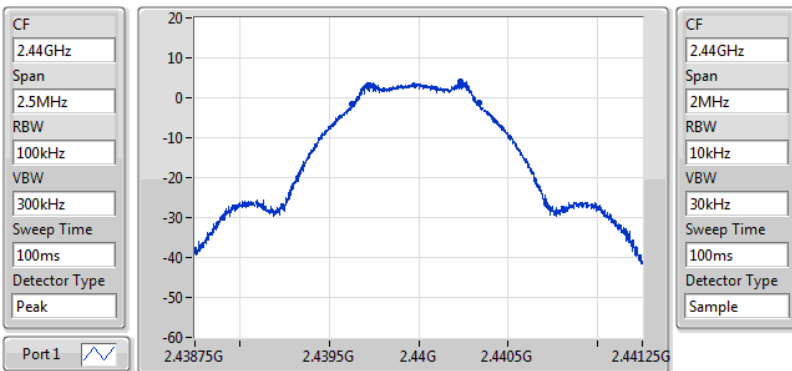
EBW-DTS

23/09/2020



BT-LE(1Mbps)

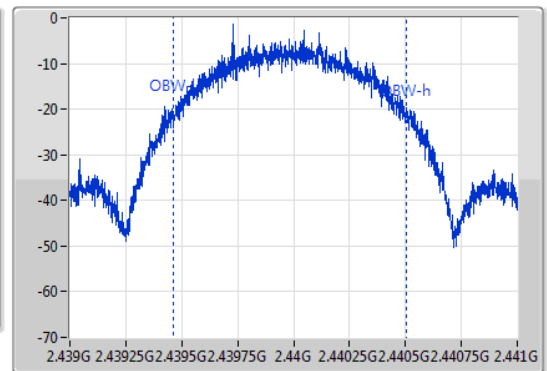
2440MHz



6dB(Hz)	FI-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
713.75k	2.439625G	2.440339G	1.04M	2.439463G	2.440504G	500k	1

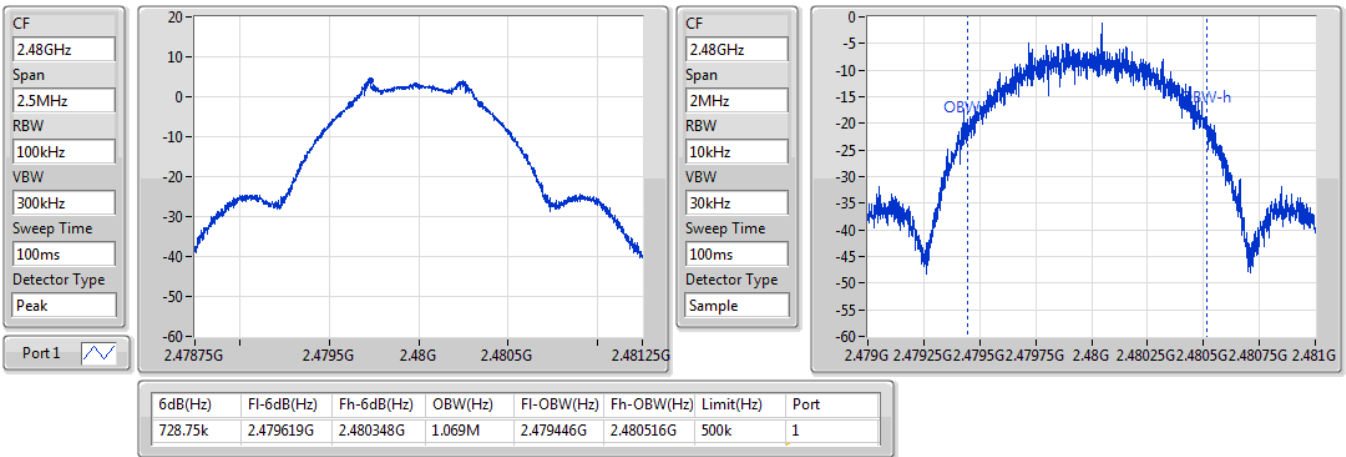
EBW-DTS

23/09/2020

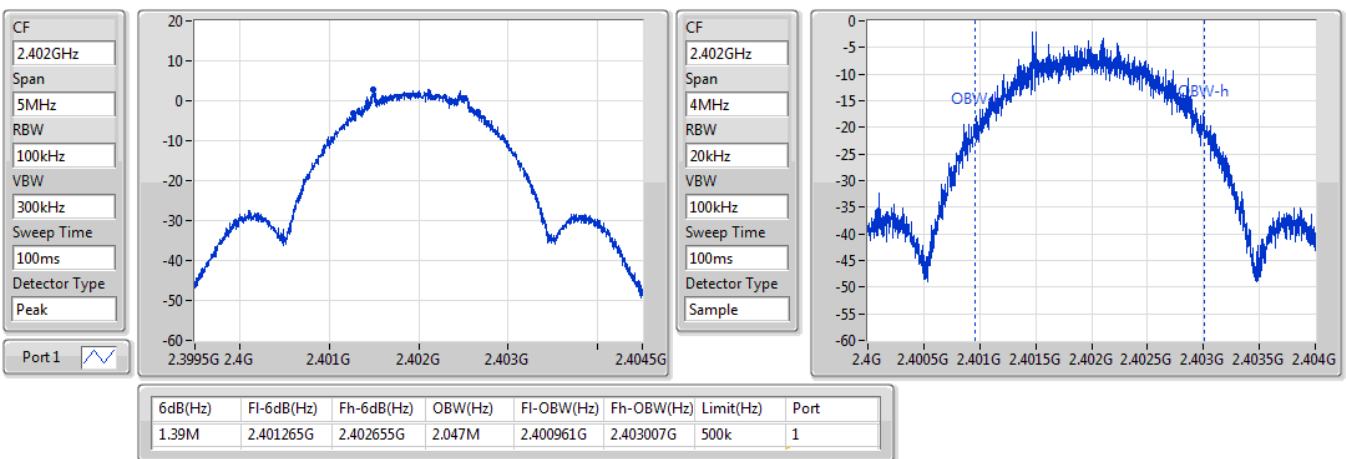


BT-LE(1Mbps)
EBW-DTS
2480MHz

23/09/2020

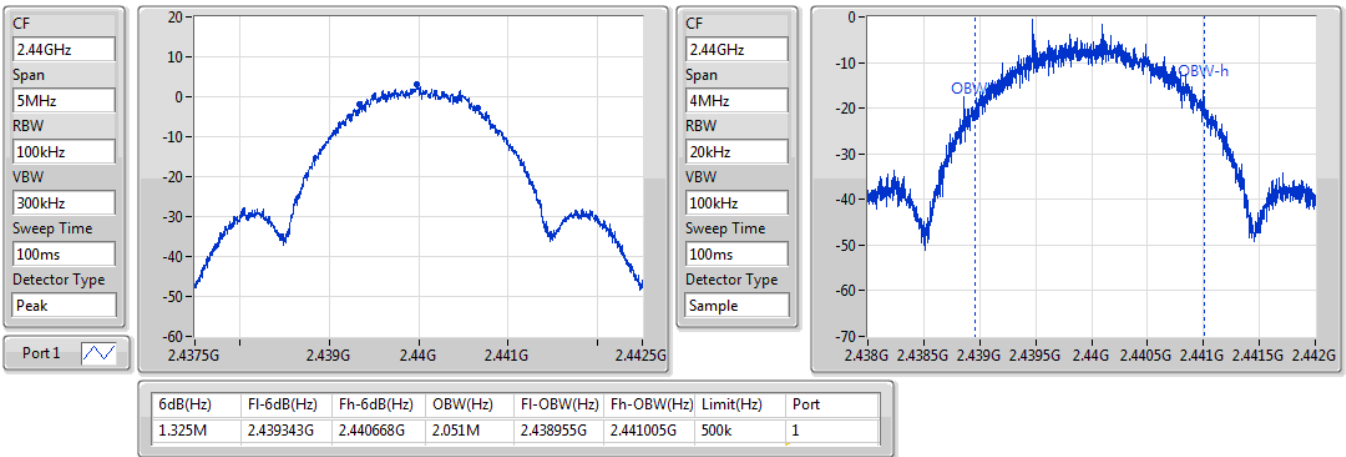

BT-LE(2Mbps)
EBW-DTS
2402MHz

23/09/2020

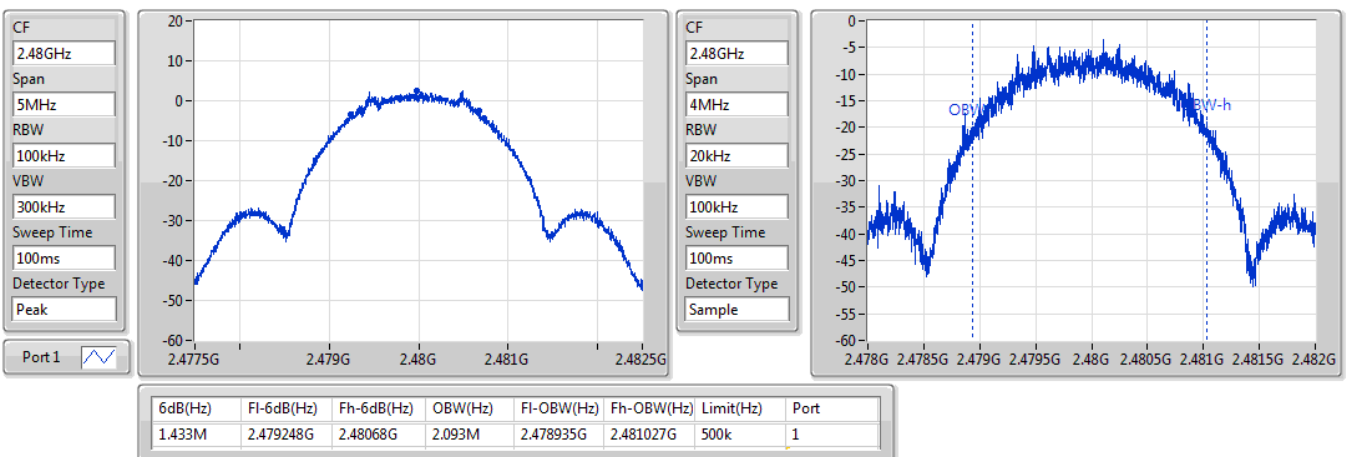


BT-LE(2Mbps)
EBW-DTS
2440MHz

23/09/2020


BT-LE(2Mbps)
EBW-DTS
2480MHz

23/09/2020





Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	5.05	0.00320
BT-LE(2Mbps)	5.14	0.00327



Average Power-DTS

Appendix C

Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	2.53	5.05	30.00
2440MHz	Pass	2.53	4.93	30.00
2480MHz	Pass	2.53	4.85	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	2.53	5.14	30.00
2440MHz	Pass	2.53	5.02	30.00
2480MHz	Pass	2.53	4.88	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-7.69
BT-LE(2Mbps)	-11.06

RBW = 3kHz;

Result

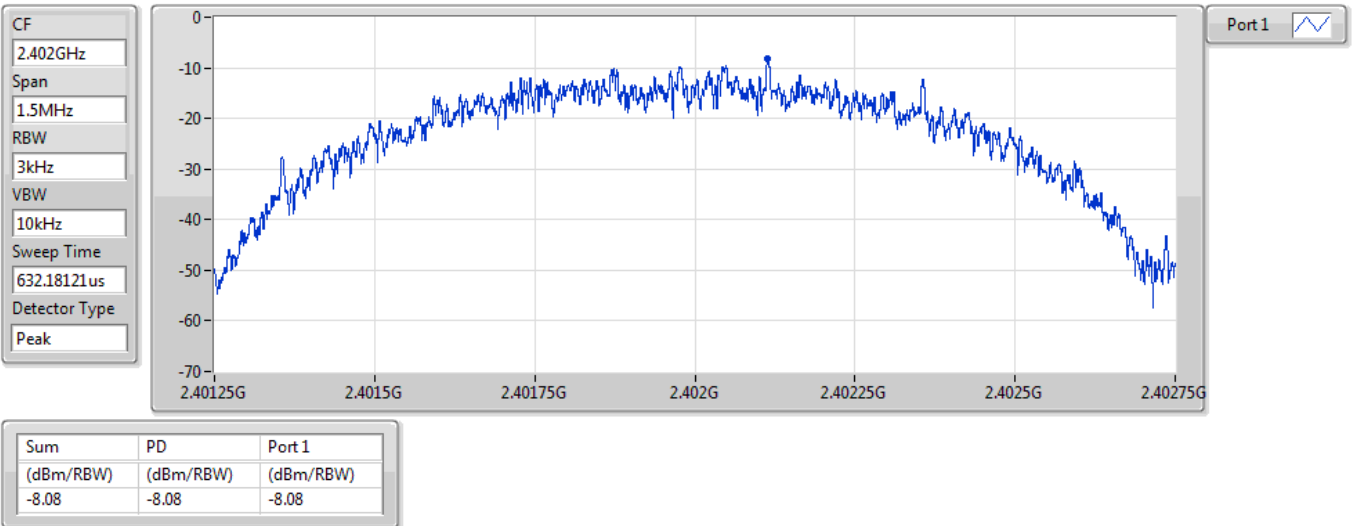
Mode	Result	Gain (dBi)	PD (dBm/RBW)	PD Limit (dBm/RBW)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	2.53	-8.08	8.00
2440MHz	Pass	2.53	-9.67	8.00
2480MHz	Pass	2.53	-7.69	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	2.53	-12.54	8.00
2440MHz	Pass	2.53	-11.06	8.00
2480MHz	Pass	2.53	-12.41	8.00

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

BT-LE(1Mbps)

2402MHz

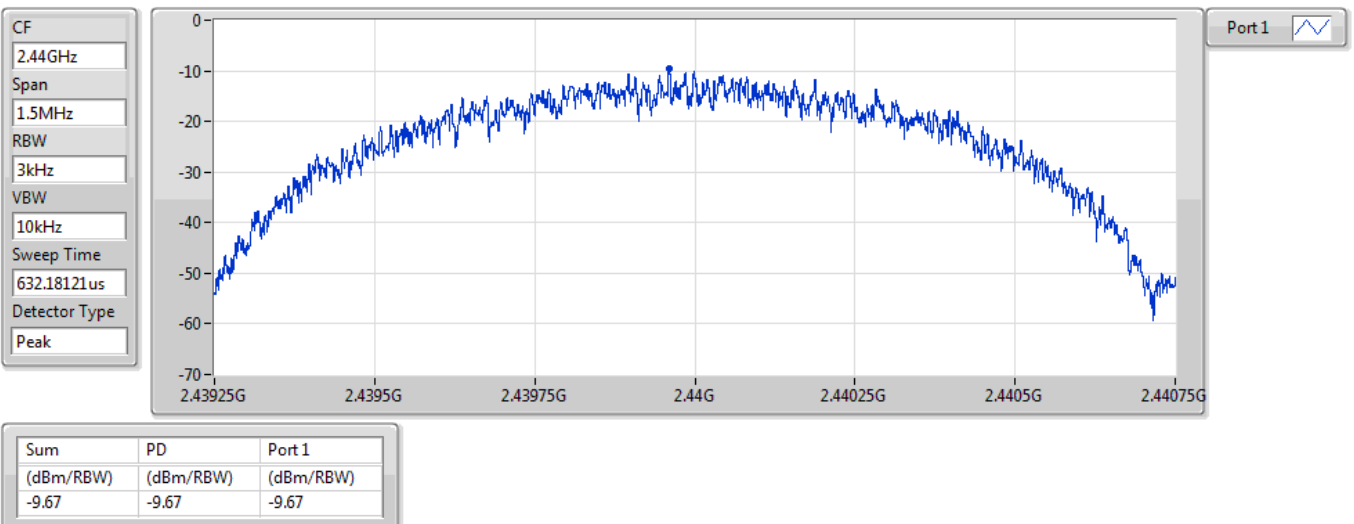
23/09/2020



BT-LE(1Mbps)

2440MHz

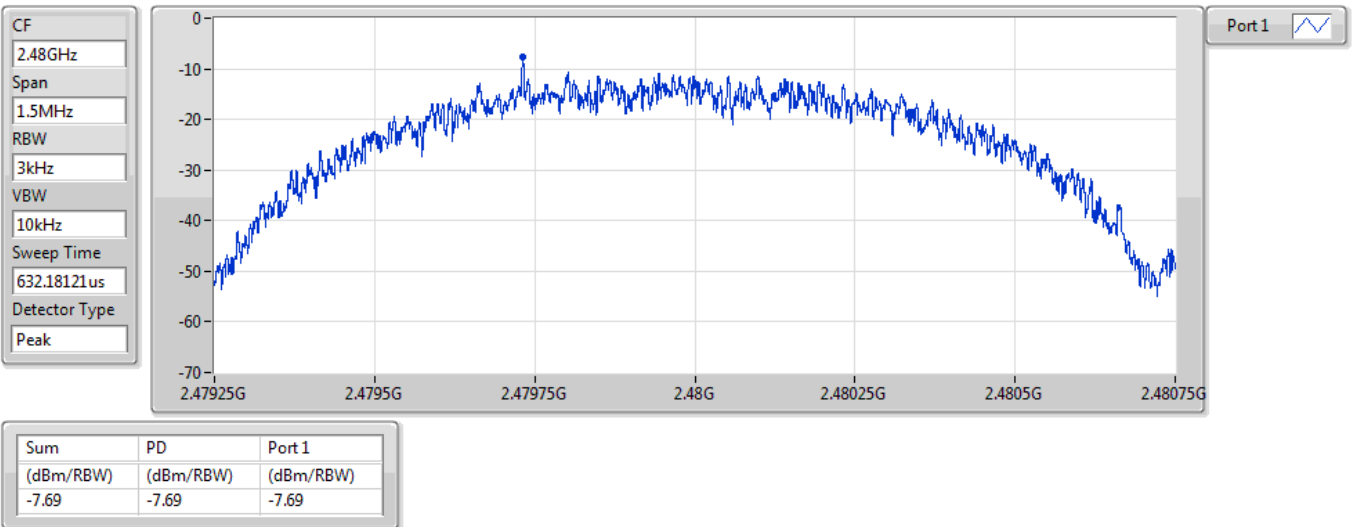
23/09/2020



BT-LE(1Mbps)

2480MHz

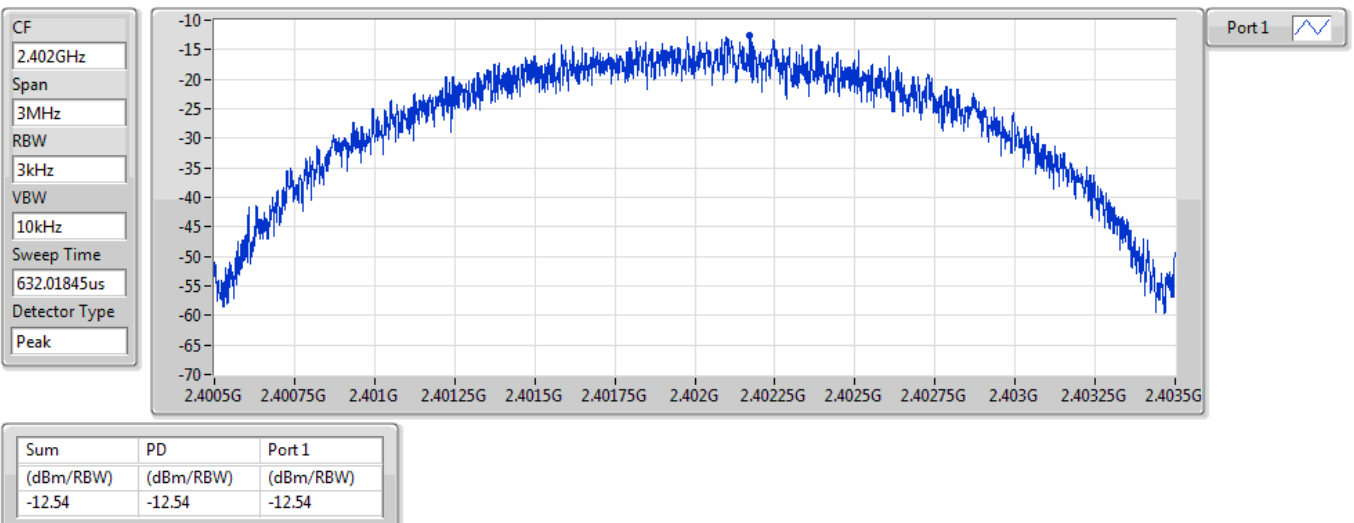
23/09/2020



BT-LE(2Mbps)

2402MHz

23/09/2020

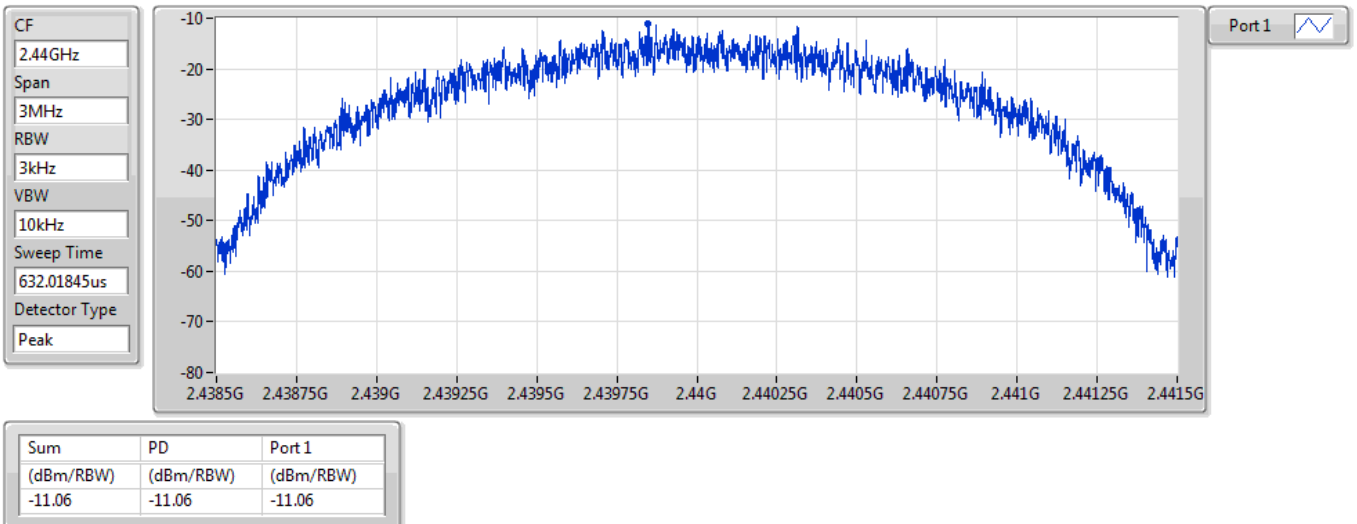


BT-LE(2Mbps)

PSD

2440MHz

23/09/2020

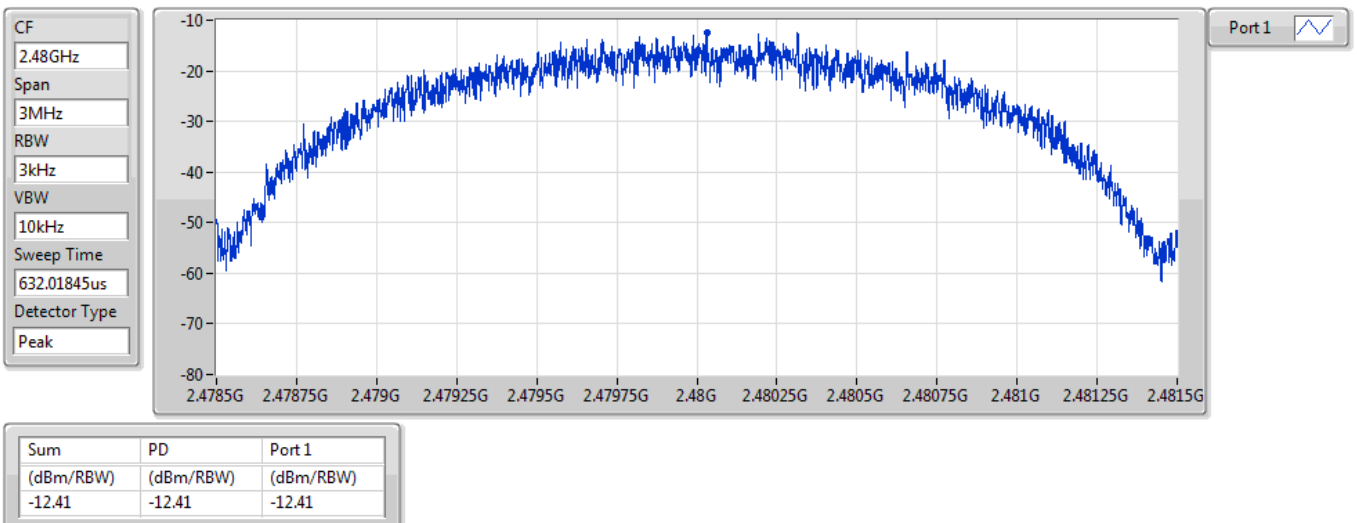


BT-LE(2Mbps)

PSD

2480MHz

23/09/2020





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	2.40196G	3.27	-26.73	2.30774G	-54.89	2.39999G	-43.36	2.4G	-43.80	2.49851G	-52.94	17.62115G	-42.97	1
BT-LE(2Mbps)	Pass	2.40242G	2.50	-27.50	2.12679G	-55.34	2.39996G	-29.57	2.4G	-29.56	2.49517G	-53.24	16.83939G	-42.69	1



Result

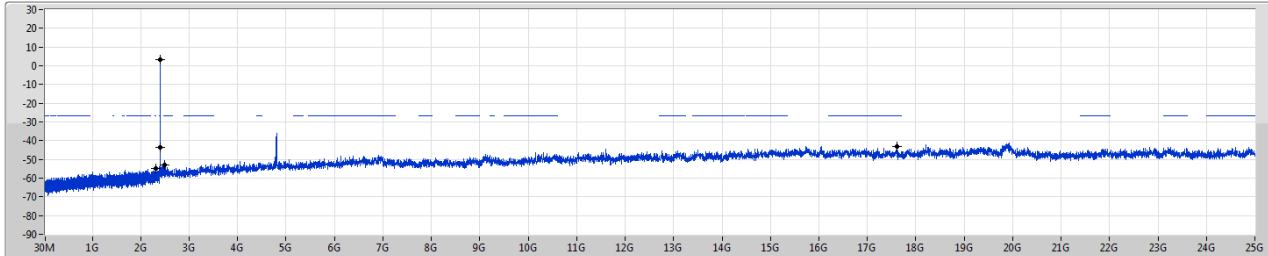
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40196G	3.27	-26.73	2.30774G	-54.89	2.39999G	-43.36	2.4G	-43.80	2.49851G	-52.94	17.62115G	-42.97	1
2440MHz	Pass	2.40196G	3.27	-26.73	2.30656G	-55.22	2.39738G	-54.01	2.4835G	-56.59	2.48579G	-53.64	16.92094G	-42.89	1
2480MHz	Pass	2.40196G	3.27	-26.73	2.12091G	-55.90	2.39168G	-53.95	2.4835G	-54.11	2.5021G	-52.96	16.77753G	-41.57	1
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40242G	2.50	-27.50	2.12679G	-55.34	2.39996G	-29.57	2.4G	-29.56	2.49517G	-53.24	16.83939G	-42.69	1
2440MHz	Pass	2.40242G	2.50	-27.50	2.12561G	-55.33	2.39809G	-54.53	2.4835G	-57.00	2.48458G	-53.63	23.26496G	-42.90	1
2480MHz	Pass	2.40242G	2.50	-27.50	2.11798G	-54.59	2.39564G	-54.35	2.4835G	-54.62	2.48408G	-49.99	16.56944G	-43.12	1

BT-LE(1Mbps)

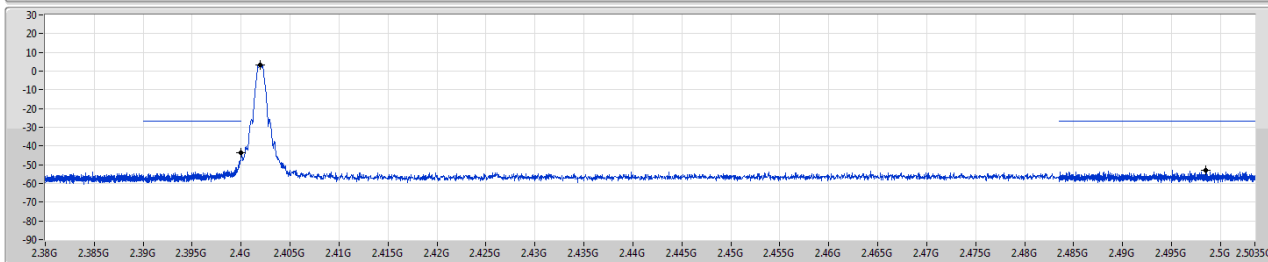
CSEndB-DTS

2402MHz

23/09/2020



Port1



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

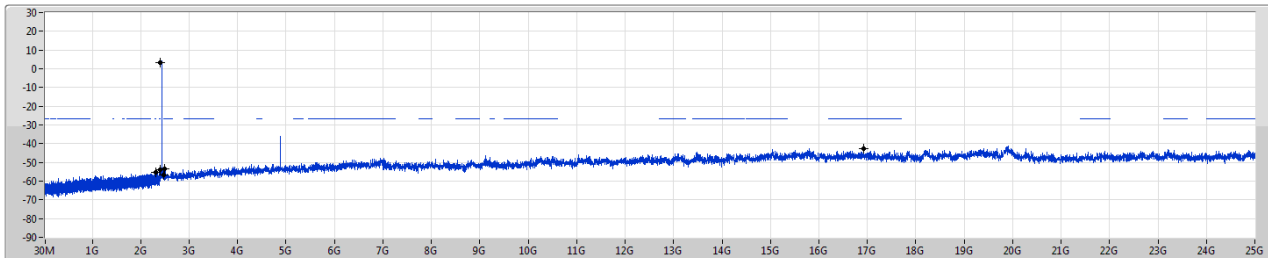
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40196G	3.27	-26.73	2.30774G	-54.89	2.39999G	-43.36	2.4G	-43.80	2.49651G	-52.94	17.62115G	-42.97	1

BT-LE(1Mbps)

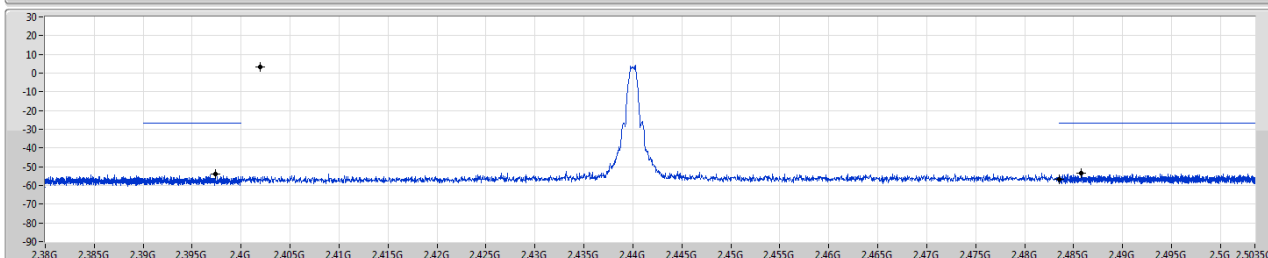
CSEndB-DTS

2440MHz

23/09/2020



Port1



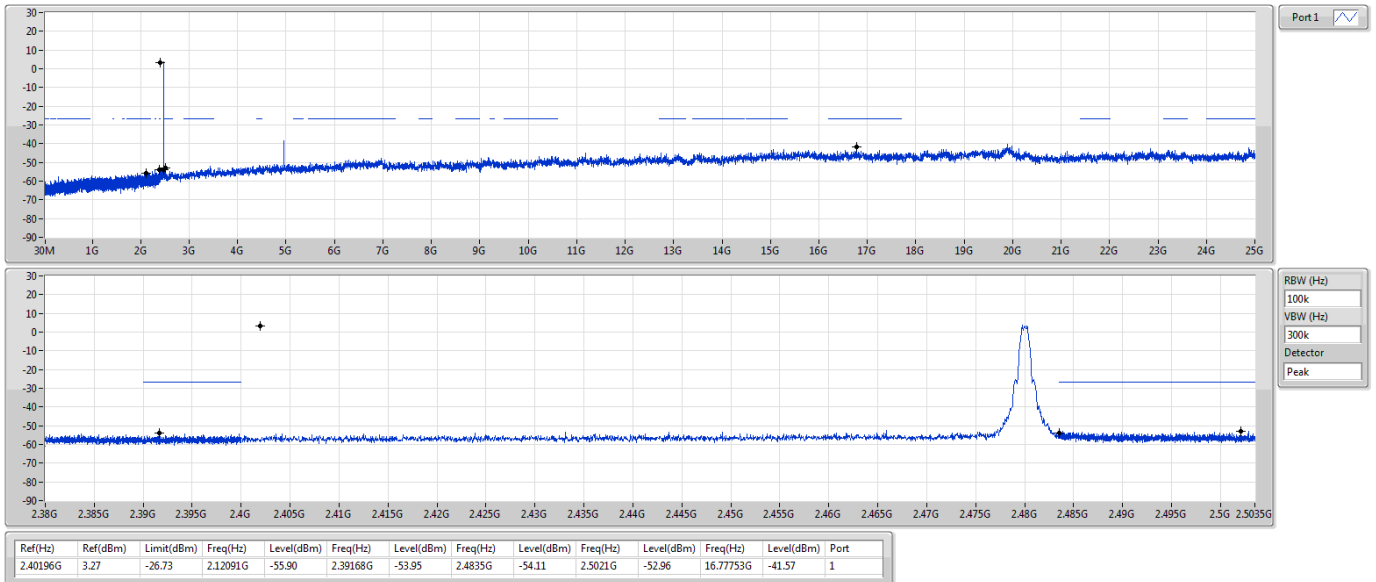
RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

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
2.40196G	3.27	-26.73	2.30656G	-55.22	2.39738G	-54.01	2.4835G	-56.59	2.48579G	-53.64	16.92094G	-42.89	1

BT-LE(1Mbps)

CSEndB-DTS

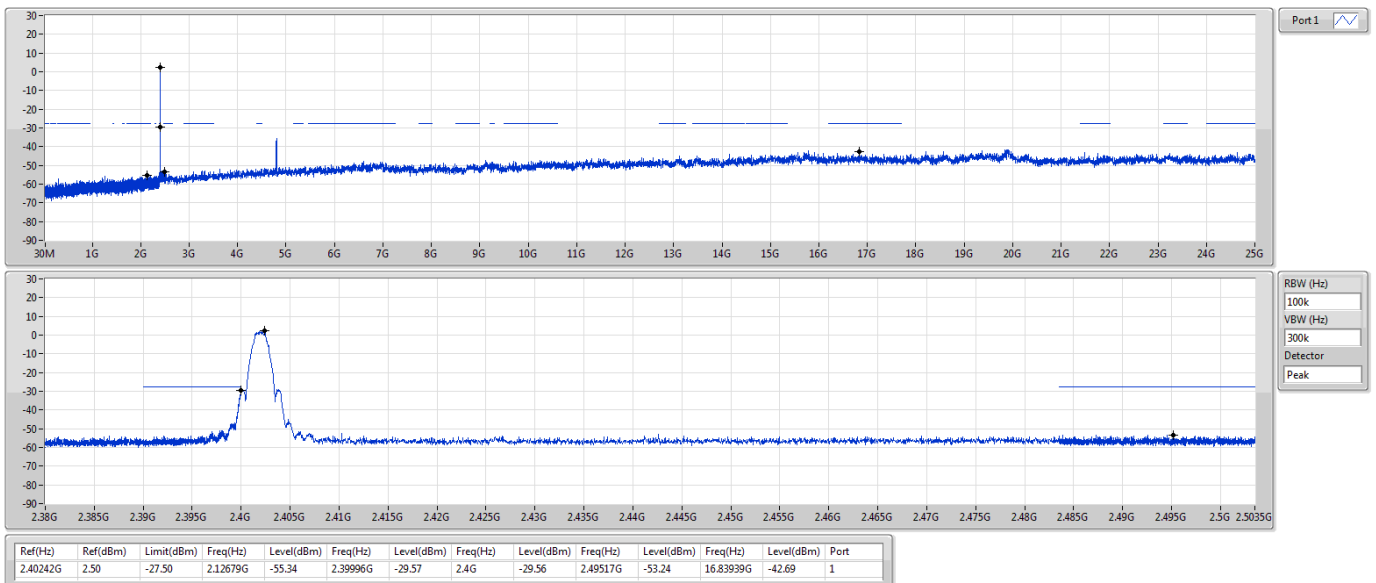
2480MHz



BT-LE(2Mbps)

CSEndB-DTS

2402MHz

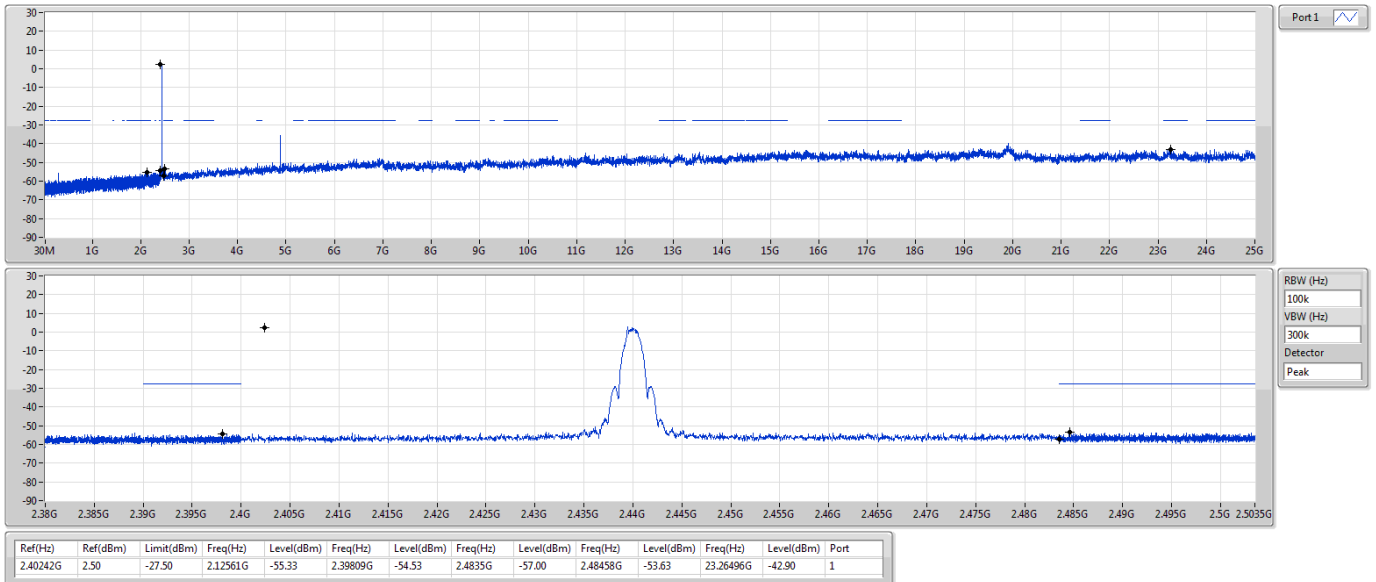


BT-LE(2Mbps)

CSEndB-DTS

2440MHz

23/09/2020

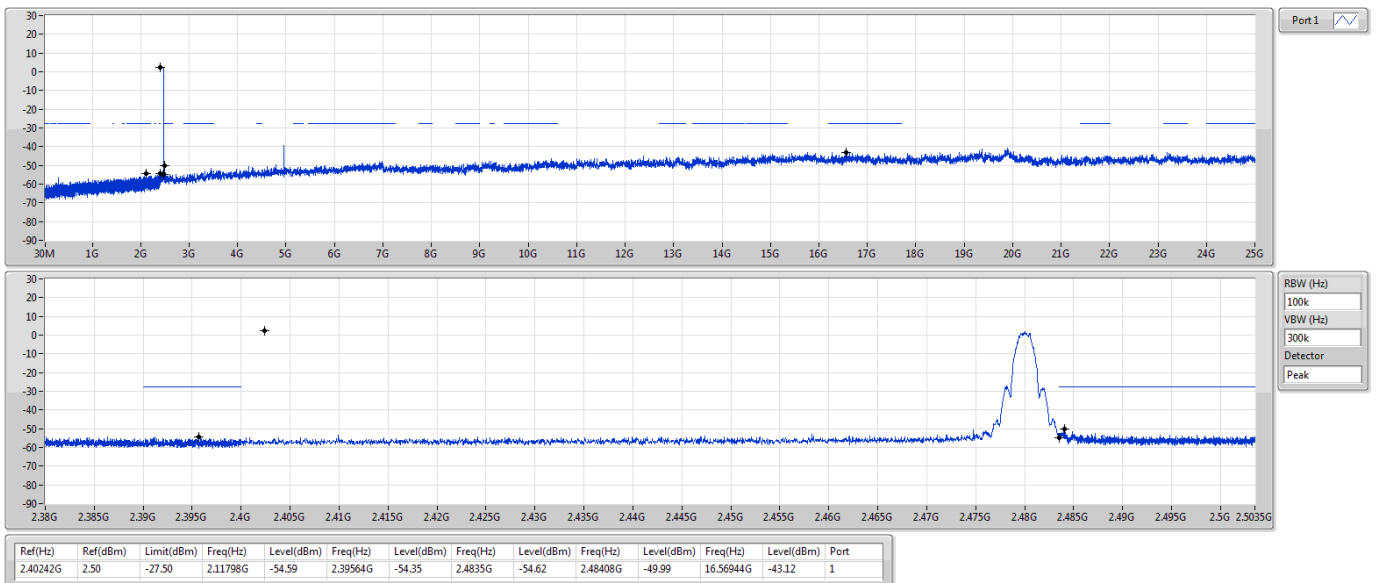


BT-LE(2Mbps)

CSEndB-DTS

2480MHz

23/09/2020





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(1Mbps)	Pass	PK	559.62M	41.98	46.00	-4.02	3	Vertical	360	1.00	-

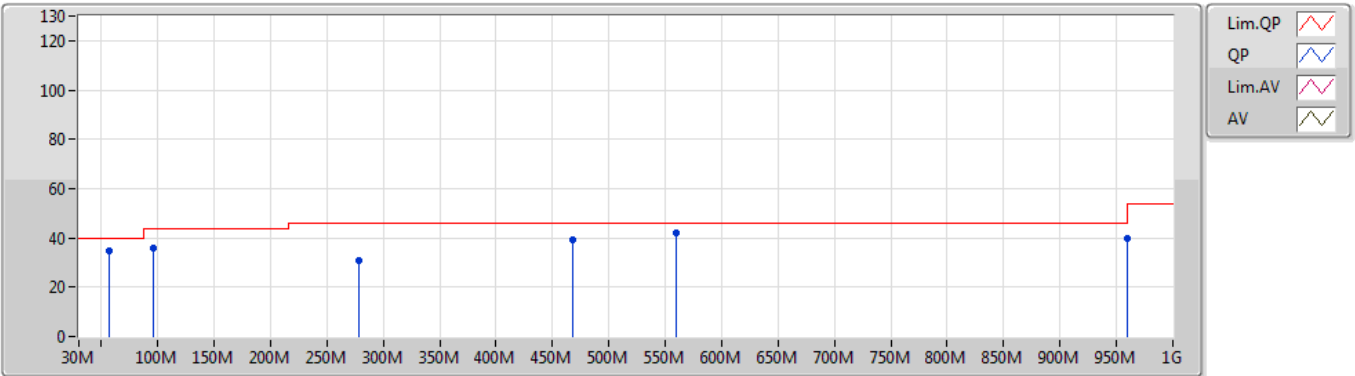
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-LE(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	57.16M	34.49	40.00	-5.51	3	Vertical	360	1.00	-
2440MHz	Pass	PK	95.96M	35.69	43.50	-7.81	3	Vertical	360	1.00	-
2440MHz	Pass	PK	278.32M	30.73	46.00	-15.27	3	Vertical	360	1.00	-
2440MHz	Pass	PK	468.44M	39.30	46.00	-6.70	3	Vertical	360	1.00	-
2440MHz	Pass	PK	559.62M	41.98	46.00	-4.02	3	Vertical	360	1.00	-
2440MHz	Pass	PK	959.26M	39.58	46.00	-6.42	3	Vertical	360	1.00	-
2440MHz	Pass	PK	95.96M	30.35	43.50	-13.15	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	194.9M	30.37	43.50	-13.13	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	288.02M	36.75	46.00	-9.25	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	468.44M	37.71	46.00	-8.29	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	575.14M	39.18	46.00	-6.82	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	774.96M	34.45	46.00	-11.55	3	Horizontal	0	1.00	-

BT-LE(1Mbps)

13/09/2020

2440MHz_Adapter

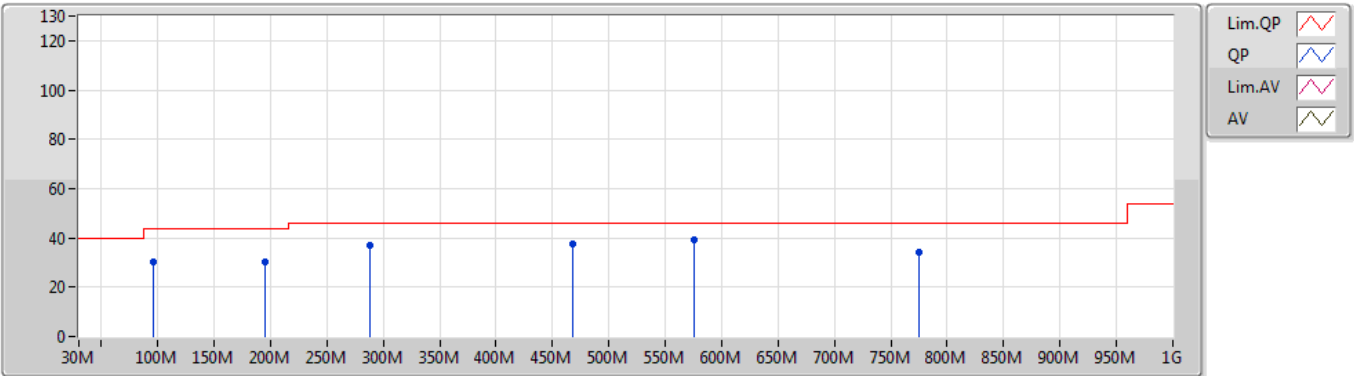


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	57.16M	34.49	40.00	-5.51	-25.21	3	Vertical	360	1.00	-	59.70	11.18	0.60	36.99
PK	95.96M	35.69	43.50	-7.81	-21.32	3	Vertical	360	1.00	-	57.01	14.51	0.72	36.55
PK	278.32M	30.73	46.00	-15.27	-17.16	3	Vertical	360	1.00	-	47.89	17.86	1.36	36.38
PK	468.44M	39.30	46.00	-6.70	-12.37	3	Vertical	360	1.00	-	51.67	22.54	1.84	36.75
PK	559.62M	41.98	46.00	-4.02	-9.83	3	Vertical	360	1.00	-	51.81	25.23	2.04	37.10
PK	959.26M	39.58	46.00	-6.42	-4.34	3	Vertical	360	1.00	-	43.92	30.04	2.92	37.30

BT-LE(1Mbps)

2440MHz_Adapter

13/09/2020



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	95.96M	30.35	43.50	-13.15	-21.32	3	Horizontal	0	1.00	-	51.67	14.51	0.72	36.55
PK	194.9M	30.37	43.50	-13.13	-21.22	3	Horizontal	0	1.00	-	51.59	13.92	1.10	36.24
PK	288.02M	36.75	46.00	-9.25	-16.90	3	Horizontal	0	1.00	-	53.65	18.09	1.38	36.37
PK	468.44M	37.71	46.00	-8.29	-12.37	3	Horizontal	0	1.00	-	50.08	22.54	1.84	36.75
PK	575.14M	39.18	46.00	-6.82	-10.03	3	Horizontal	0	1.00	-	49.21	25.00	2.10	37.13
PK	774.96M	34.45	46.00	-11.55	-7.62	3	Horizontal	0	1.00	-	42.07	27.18	2.55	37.35



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	4.87998G	51.65	54.00	-2.35	3	Horizontal	77	1.00	-
BT-LE(2Mbps)	Pass	AV	4.96089G	53.93	54.00	-0.07	3	Horizontal	267	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(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3558G	43.11	54.00	-10.89	3	Vertical	156	2.95	-
2402MHz	Pass	AV	2.402G	92.40	Inf	-Inf	3	Vertical	156	2.95	-
2402MHz	Pass	PK	2.3618G	56.26	74.00	-17.74	3	Vertical	156	2.95	-
2402MHz	Pass	PK	2.4022G	93.60	Inf	-Inf	3	Vertical	156	2.95	-
2402MHz	Pass	AV	2.362G	43.08	54.00	-10.92	3	Horizontal	52	1.31	-
2402MHz	Pass	AV	2.402G	96.24	Inf	-Inf	3	Horizontal	52	1.31	-
2402MHz	Pass	PK	2.3586G	56.84	74.00	-17.16	3	Horizontal	52	1.31	-
2402MHz	Pass	PK	2.4018G	97.31	Inf	-Inf	3	Horizontal	52	1.31	-
2402MHz	Pass	AV	4.80397G	44.76	54.00	-9.24	3	Vertical	180	2.60	-
2402MHz	Pass	PK	4.80355G	52.36	74.00	-21.64	3	Vertical	180	2.60	-
2402MHz	Pass	AV	4.80398G	51.16	54.00	-2.84	3	Horizontal	78	1.01	-
2402MHz	Pass	PK	4.80344G	57.02	74.00	-16.98	3	Horizontal	78	1.01	-
2440MHz	Pass	AV	2.3436G	43.10	54.00	-10.90	3	Vertical	344	2.84	-
2440MHz	Pass	AV	2.44G	91.86	Inf	-Inf	3	Vertical	344	2.84	-
2440MHz	Pass	AV	2.5G	43.51	54.00	-10.49	3	Vertical	344	2.84	-
2440MHz	Pass	PK	2.3824G	57.36	74.00	-16.64	3	Vertical	344	2.84	-
2440MHz	Pass	PK	2.4396G	93.06	Inf	-Inf	3	Vertical	344	2.84	-
2440MHz	Pass	PK	2.4944G	56.24	74.00	-17.76	3	Vertical	344	2.84	-
2440MHz	Pass	AV	2.344G	43.19	54.00	-10.81	3	Horizontal	57	2.86	-
2440MHz	Pass	AV	2.44G	96.30	Inf	-Inf	3	Horizontal	57	2.86	-
2440MHz	Pass	AV	2.496G	43.49	54.00	-10.51	3	Horizontal	57	2.86	-
2440MHz	Pass	PK	2.3744G	56.53	74.00	-17.47	3	Horizontal	57	2.86	-
2440MHz	Pass	PK	2.4404G	98.59	Inf	-Inf	3	Horizontal	57	2.86	-
2440MHz	Pass	PK	2.4956G	56.73	74.00	-17.27	3	Horizontal	57	2.86	-
2440MHz	Pass	AV	4.87998G	42.76	54.00	-11.24	3	Vertical	185	2.30	-
2440MHz	Pass	PK	4.87951G	50.56	74.00	-23.44	3	Vertical	185	2.30	-
2440MHz	Pass	AV	4.87998G	51.65	54.00	-2.35	3	Horizontal	77	1.00	-
2440MHz	Pass	PK	4.88042G	57.31	74.00	-16.69	3	Horizontal	77	1.00	-
2480MHz	Pass	AV	2.48G	93.62	Inf	-Inf	3	Vertical	201	2.46	-
2480MHz	Pass	AV	2.4835G	43.55	54.00	-10.45	3	Vertical	201	2.46	-
2480MHz	Pass	PK	2.4798G	94.93	Inf	-Inf	3	Vertical	201	2.46	-
2480MHz	Pass	PK	2.4972G	56.27	74.00	-17.73	3	Vertical	201	2.46	-
2480MHz	Pass	AV	2.48G	98.94	Inf	-Inf	3	Horizontal	58	1.00	-
2480MHz	Pass	AV	2.4835G	44.05	54.00	-9.95	3	Horizontal	58	1.00	-
2480MHz	Pass	PK	2.4802G	100.12	Inf	-Inf	3	Horizontal	58	1.00	-
2480MHz	Pass	PK	2.4958G	57.47	74.00	-16.53	3	Horizontal	58	1.00	-
2480MHz	Pass	AV	4.95998G	40.92	54.00	-13.08	3	Vertical	137	2.50	-
2480MHz	Pass	PK	4.96045G	49.47	74.00	-24.53	3	Vertical	137	2.50	-
2480MHz	Pass	AV	4.95997G	51.60	54.00	-2.40	3	Horizontal	82	1.13	-
2480MHz	Pass	PK	4.95947G	57.10	74.00	-16.90	3	Horizontal	82	1.13	-
BT-LE(2Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3542G	43.07	54.00	-10.93	3	Vertical	178	2.92	-
2402MHz	Pass	AV	2.402G	92.27	Inf	-Inf	3	Vertical	178	2.92	-
2402MHz	Pass	PK	2.3778G	57.05	74.00	-16.95	3	Vertical	178	2.92	-
2402MHz	Pass	PK	2.4024G	96.06	Inf	-Inf	3	Vertical	178	2.92	-
2402MHz	Pass	AV	2.3884G	43.11	54.00	-10.89	3	Horizontal	49	1.12	-
2402MHz	Pass	AV	2.402G	96.35	Inf	-Inf	3	Horizontal	49	1.12	-
2402MHz	Pass	PK	2.3894G	56.69	74.00	-17.31	3	Horizontal	49	1.12	-
2402MHz	Pass	PK	2.4024G	100.41	Inf	-Inf	3	Horizontal	49	1.12	-
2402MHz	Pass	AV	4.80309G	45.82	54.00	-8.18	3	Vertical	179	2.01	-
2402MHz	Pass	PK	4.80298G	56.20	74.00	-17.80	3	Vertical	179	2.01	-
2402MHz	Pass	AV	4.80349G	53.09	54.00	-0.91	3	Horizontal	81	1.00	-
2402MHz	Pass	PK	4.80297G	62.90	74.00	-11.10	3	Horizontal	81	1.00	-
2440MHz	Pass	AV	2.3868G	43.19	54.00	-10.81	3	Vertical	360	2.88	-
2440MHz	Pass	AV	2.44G	92.93	Inf	-Inf	3	Vertical	360	2.88	-
2440MHz	Pass	AV	2.5G	43.52	54.00	-10.48	3	Vertical	360	2.88	-
2440MHz	Pass	PK	2.362G	56.70	74.00	-17.30	3	Vertical	360	2.88	-
2440MHz	Pass	PK	2.4396G	96.15	Inf	-Inf	3	Vertical	360	2.88	-
2440MHz	Pass	PK	2.4984G	56.37	74.00	-17.63	3	Vertical	360	2.88	-
2440MHz	Pass	AV	2.344G	43.18	54.00	-10.82	3	Horizontal	265	1.07	-



RSE TX above 1GHz

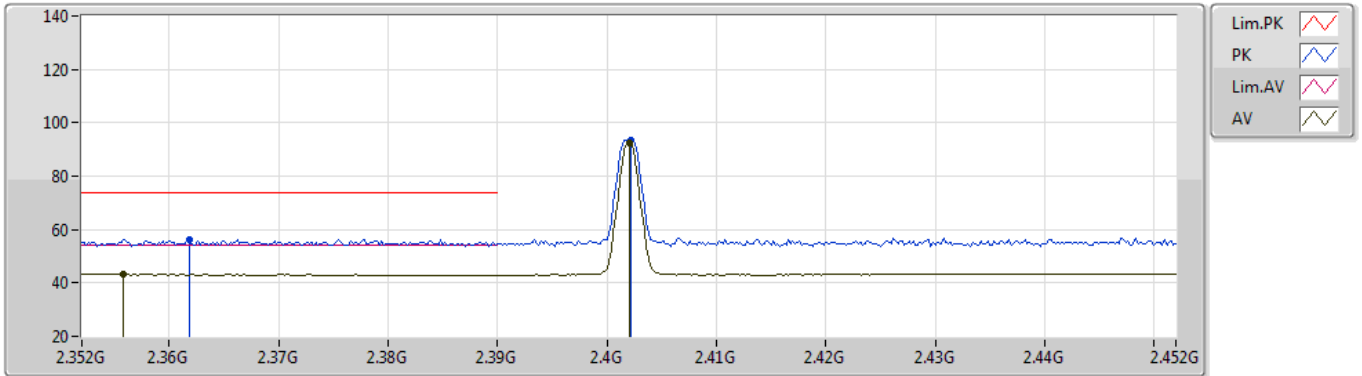
Appendix F.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2440MHz	Pass	AV	2.44G	97.40	Inf	-Inf	3	Horizontal	265	1.07	-
2440MHz	Pass	AV	2.5G	43.51	54.00	-10.49	3	Horizontal	265	1.07	-
2440MHz	Pass	PK	2.3592G	56.66	74.00	-17.34	3	Horizontal	265	1.07	-
2440MHz	Pass	PK	2.4404G	100.65	Inf	-Inf	3	Horizontal	265	1.07	-
2440MHz	Pass	PK	2.4988G	56.60	74.00	-17.40	3	Horizontal	265	1.07	-
2440MHz	Pass	AV	4.88089G	43.09	54.00	-10.91	3	Vertical	360	3.00	-
2440MHz	Pass	PK	4.87885G	53.39	74.00	-20.61	3	Vertical	360	3.00	-
2440MHz	Pass	AV	4.87948G	52.56	54.00	-1.44	3	Horizontal	271	1.00	-
2440MHz	Pass	PK	4.87894G	62.52	74.00	-11.48	3	Horizontal	271	1.00	-
2480MHz	Pass	AV	2.48G	88.51	Inf	-Inf	3	Vertical	107	1.49	-
2480MHz	Pass	AV	2.4835G	44.02	54.00	-9.98	3	Vertical	107	1.49	-
2480MHz	Pass	PK	2.4806G	91.94	Inf	-Inf	3	Vertical	107	1.49	-
2480MHz	Pass	PK	2.4956G	56.81	74.00	-17.19	3	Vertical	107	1.49	-
2480MHz	Pass	AV	2.48G	98.59	Inf	-Inf	3	Horizontal	51	1.00	-
2480MHz	Pass	AV	2.4835G	47.39	54.00	-6.61	3	Horizontal	51	1.00	-
2480MHz	Pass	PK	2.4794G	101.82	Inf	-Inf	3	Horizontal	51	1.00	-
2480MHz	Pass	PK	2.4835G	58.20	74.00	-15.80	3	Horizontal	51	1.00	-
2480MHz	Pass	AV	4.96093G	44.39	54.00	-9.61	3	Vertical	136	1.26	-
2480MHz	Pass	PK	4.95898G	54.46	74.00	-19.54	3	Vertical	136	1.26	-
2480MHz	Pass	AV	4.96089G	53.93	54.00	-0.07	3	Horizontal	267	1.00	-
2480MHz	Pass	PK	4.95889G	63.74	74.00	-10.26	3	Horizontal	267	1.00	-

BT-LE(1Mbps)

24/09/2020

2402MHz_TX

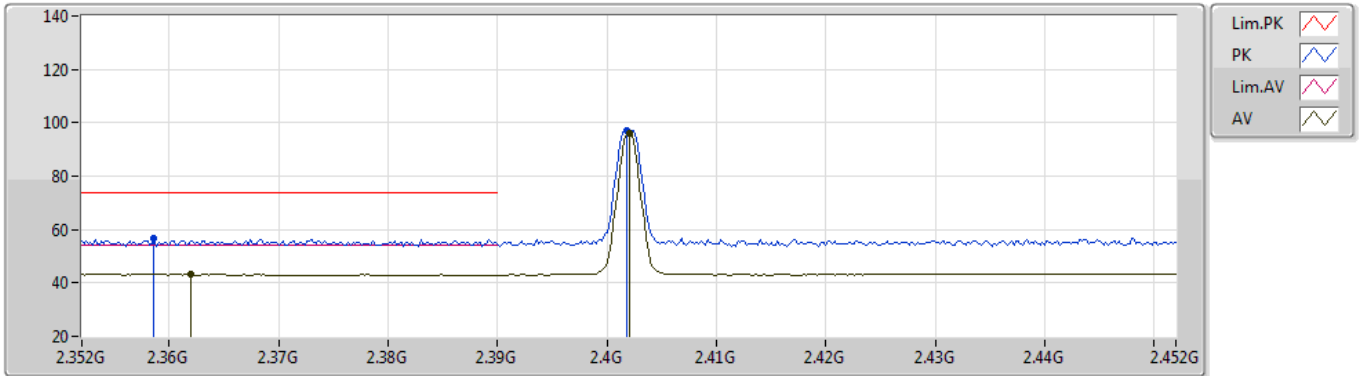


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3558G	43.11	54.00	-10.89	31.61	3	Vertical	156	2.95	-	11.50	27.78	3.83	-
AV	2.402G	92.40	Inf	-Inf	31.50	3	Vertical	156	2.95	-	60.90	27.60	3.90	-
PK	2.3618G	56.26	74.00	-17.74	31.59	3	Vertical	156	2.95	-	24.67	27.75	3.84	-
PK	2.4022G	93.60	Inf	-Inf	31.50	3	Vertical	156	2.95	-	62.10	27.60	3.90	-

BT-LE(1Mbps)

24/09/2020

2402MHz_TX

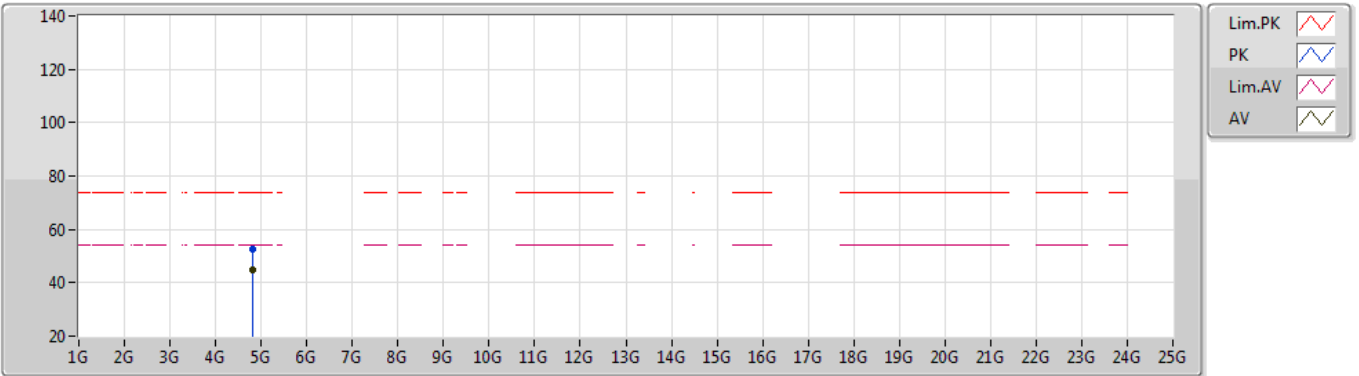


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.362G	43.08	54.00	-10.92	31.59	3	Horizontal	52	1.31	-	11.49	27.75	3.84	-
AV	2.402G	96.24	Inf	-Inf	31.50	3	Horizontal	52	1.31	-	64.74	27.60	3.90	-
PK	2.3586G	56.84	74.00	-17.16	31.61	3	Horizontal	52	1.31	-	25.23	27.77	3.84	-
PK	2.4018G	97.31	Inf	-Inf	31.50	3	Horizontal	52	1.31	-	65.81	27.60	3.90	-

BT-LE(1Mbps)

24/09/2020

2402MHz_TX

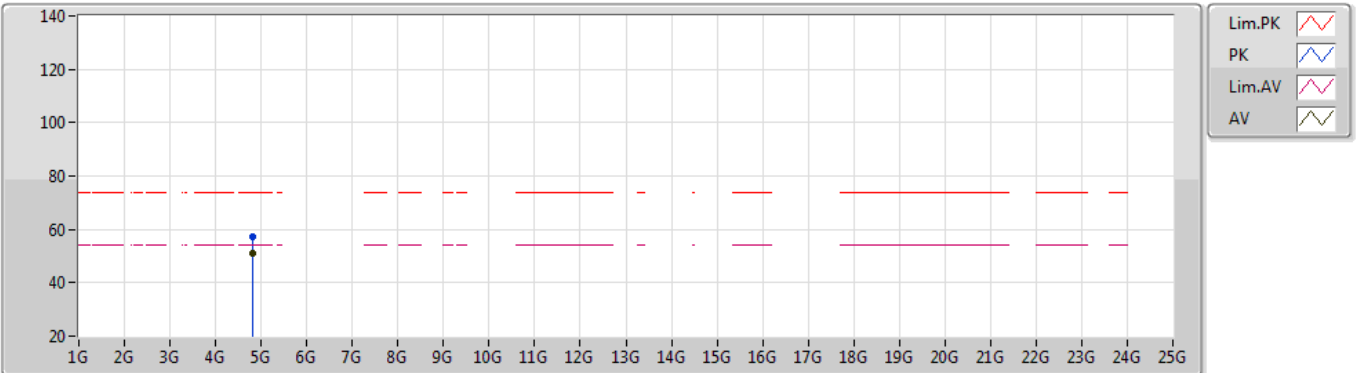


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80397G	44.76	54.00	-9.24	1.49	3	Vertical	180	2.60	-	43.27	31.12	5.30	34.93
PK	4.80355G	52.36	74.00	-21.64	1.48	3	Vertical	180	2.60	-	50.88	31.11	5.30	34.93

BT-LE(1Mbps)

24/09/2020

2402MHz_TX

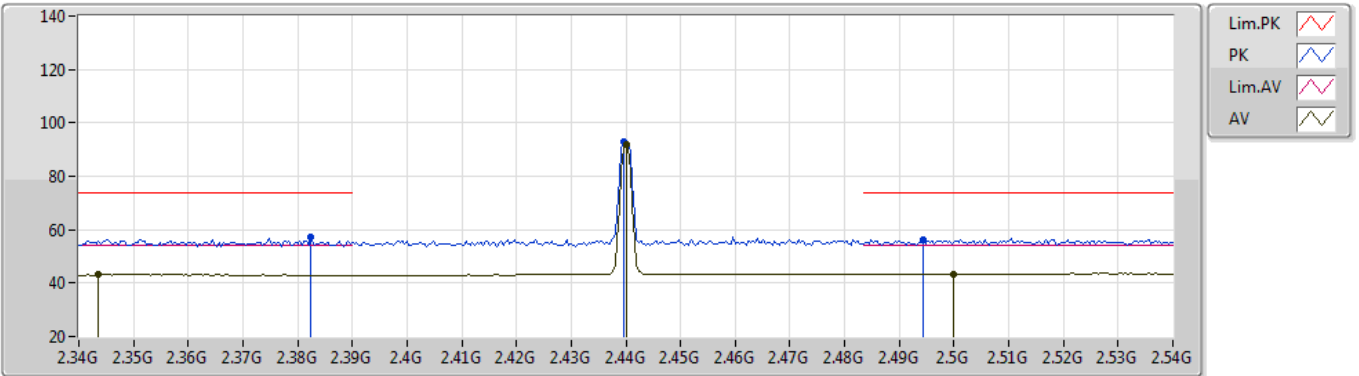


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80398G	51.16	54.00	-2.84	1.49	3	Horizontal	78	1.01	-	49.67	31.12	5.30	34.93
PK	4.80344G	57.02	74.00	-16.98	1.48	3	Horizontal	78	1.01	-	55.54	31.11	5.30	34.93

BT-LE(1Mbps)

24/09/2020

2440MHz_TX

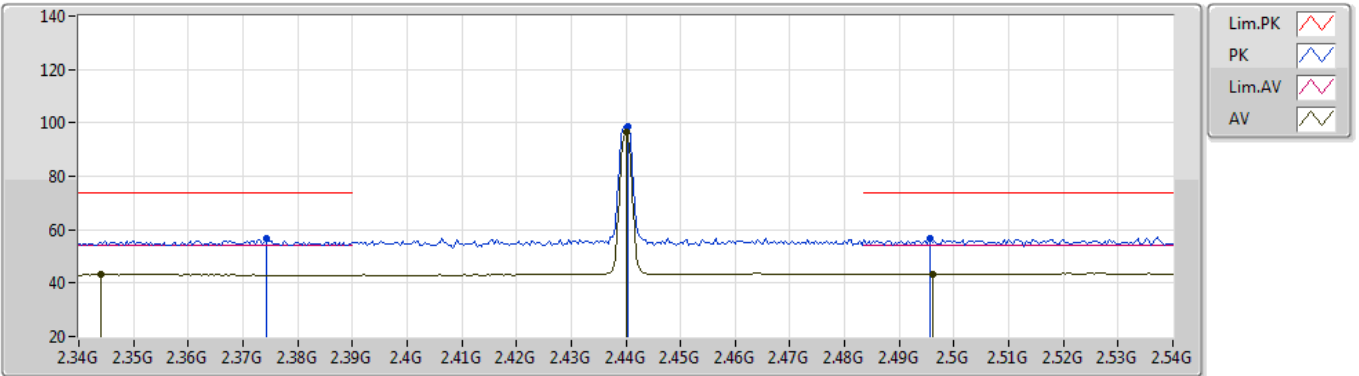


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3436G	43.10	54.00	-10.90	31.63	3	Vertical	344	2.84	-	11.47	27.81	3.82	-
AV	2.44G	91.86	Inf	-Inf	31.56	3	Vertical	344	2.84	-	60.30	27.60	3.96	-
AV	2.5G	43.51	54.00	-10.49	31.65	3	Vertical	344	2.84	-	11.86	27.60	4.05	-
PK	2.3824G	57.36	74.00	-16.64	31.54	3	Vertical	344	2.84	-	25.82	27.67	3.87	-
PK	2.4396G	93.06	Inf	-Inf	31.56	3	Vertical	344	2.84	-	61.50	27.60	3.96	-
PK	2.4944G	56.24	74.00	-17.76	31.64	3	Vertical	344	2.84	-	24.60	27.60	4.04	-

BT-LE(1Mbps)

24/09/2020

2440MHz_TX

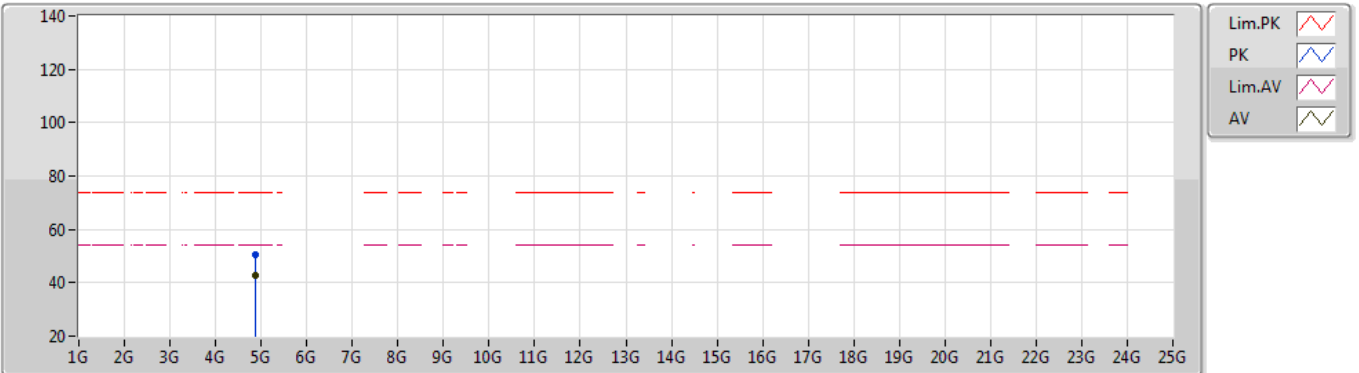


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.344G	43.19	54.00	-10.81	31.63	3	Horizontal	57	2.86	-	11.56	27.81	3.82	-
AV	2.44G	96.30	Inf	-Inf	31.56	3	Horizontal	57	2.86	-	64.74	27.60	3.96	-
AV	2.496G	43.49	54.00	-10.51	31.64	3	Horizontal	57	2.86	-	11.85	27.60	4.04	-
PK	2.3744G	56.53	74.00	-17.47	31.56	3	Horizontal	57	2.86	-	24.97	27.70	3.86	-
PK	2.4404G	98.59	Inf	-Inf	31.56	3	Horizontal	57	2.86	-	67.03	27.60	3.96	-
PK	2.4956G	56.73	74.00	-17.27	31.64	3	Horizontal	57	2.86	-	25.09	27.60	4.04	-

BT-LE(1Mbps)

24/09/2020

2440MHz_TX

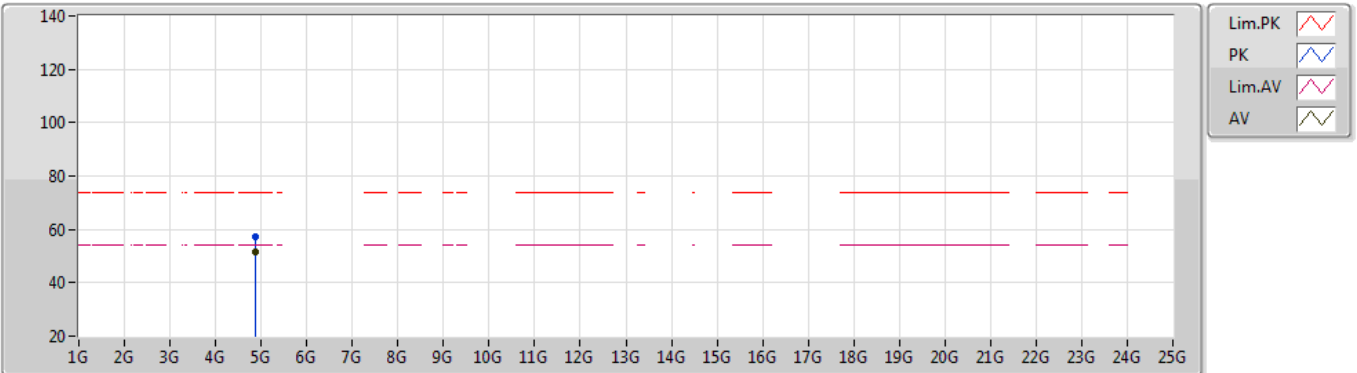


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87998G	42.76	54.00	-11.24	1.65	3	Vertical	185	2.30	-	41.11	31.24	5.34	34.93
PK	4.87951G	50.56	74.00	-23.44	1.65	3	Vertical	185	2.30	-	48.91	31.24	5.34	34.93

BT-LE(1Mbps)

2440MHz_TX

24/09/2020

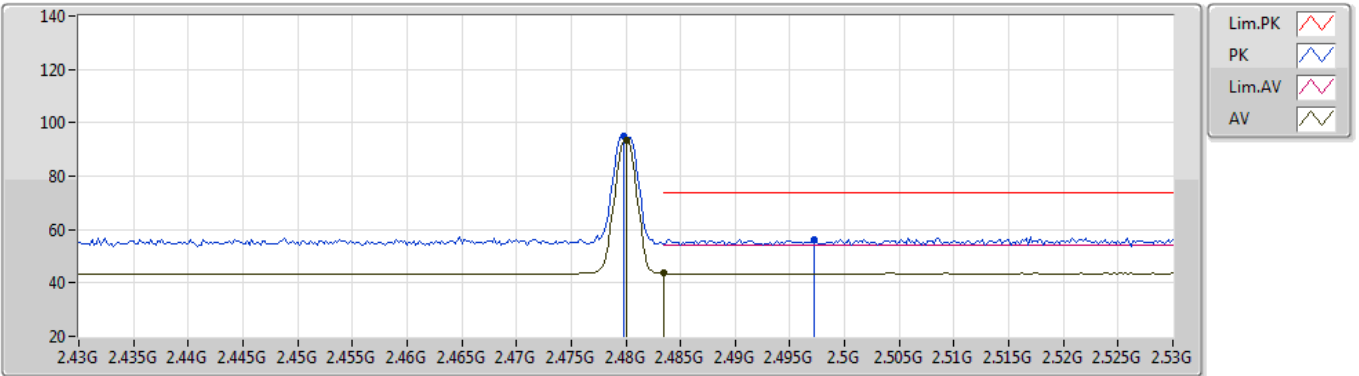


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87998G	51.65	54.00	-2.35	1.65	3	Horizontal	77	1.00	-	50.00	31.24	5.34	34.93
PK	4.88042G	57.31	74.00	-16.69	1.65	3	Horizontal	77	1.00	-	55.66	31.24	5.34	34.93

BT-LE(1Mbps)

2480MHz_TX

24/09/2020

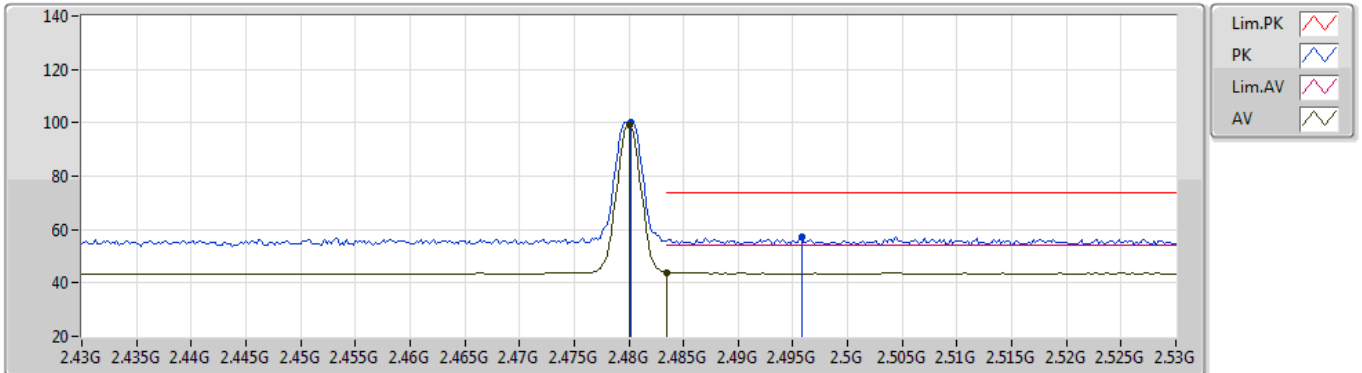


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	93.62	Inf	-Inf	31.62	3	Vertical	201	2.46	-	62.00	27.60	4.02	-
AV	2.4835G	43.55	54.00	-10.45	31.63	3	Vertical	201	2.46	-	11.92	27.60	4.03	-
PK	2.4798G	94.93	Inf	-Inf	31.62	3	Vertical	201	2.46	-	63.31	27.60	4.02	-
PK	2.4972G	56.27	74.00	-17.73	31.65	3	Vertical	201	2.46	-	24.62	27.60	4.05	-

BT-LE(1Mbps)

24/09/2020

2480MHz_TX

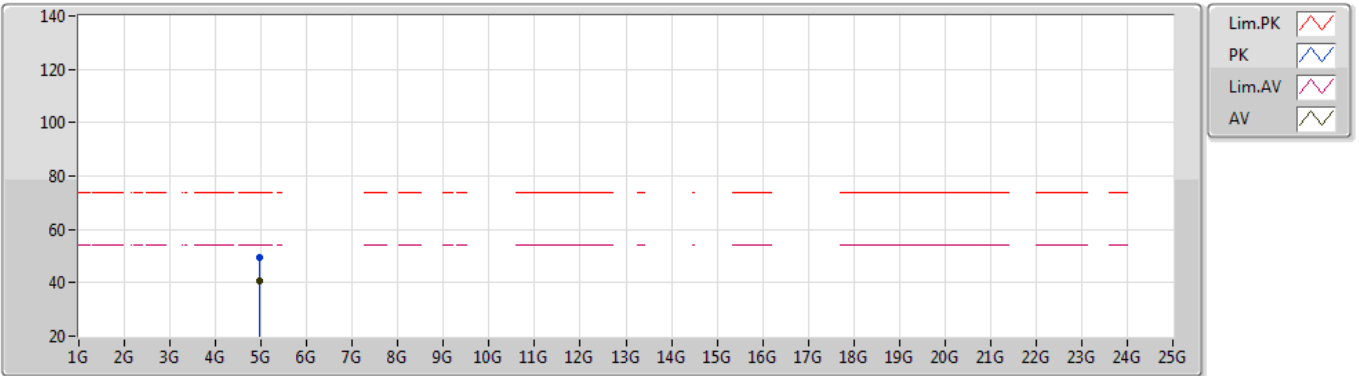


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	98.94	Inf	-Inf	31.62	3	Horizontal	58	1.00	-	67.32	27.60	4.02	-
AV	2.4835G	44.05	54.00	-9.95	31.63	3	Horizontal	58	1.00	-	12.42	27.60	4.03	-
PK	2.4802G	100.12	Inf	-Inf	31.62	3	Horizontal	58	1.00	-	68.50	27.60	4.02	-
PK	2.4958G	57.47	74.00	-16.53	31.64	3	Horizontal	58	1.00	-	25.83	27.60	4.04	-

BT-LE(1Mbps)

24/09/2020

2480MHz_TX

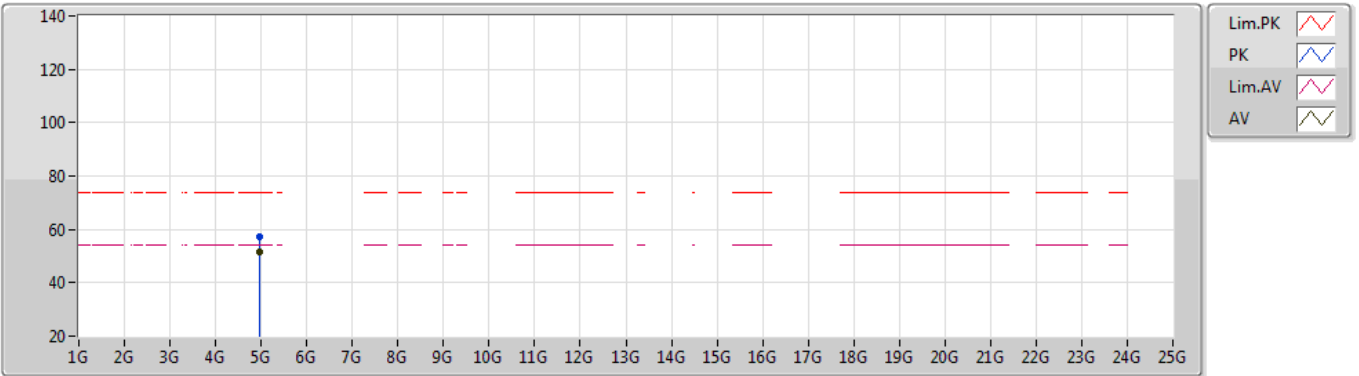


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.95998G	40.92	54.00	-13.08	1.86	3	Vertical	137	2.50	-	39.06	31.42	5.38	34.94
PK	4.96045G	49.47	74.00	-24.53	1.86	3	Vertical	137	2.50	-	47.61	31.42	5.38	34.94

BT-LE(1Mbps)

24/09/2020

2480MHz_TX

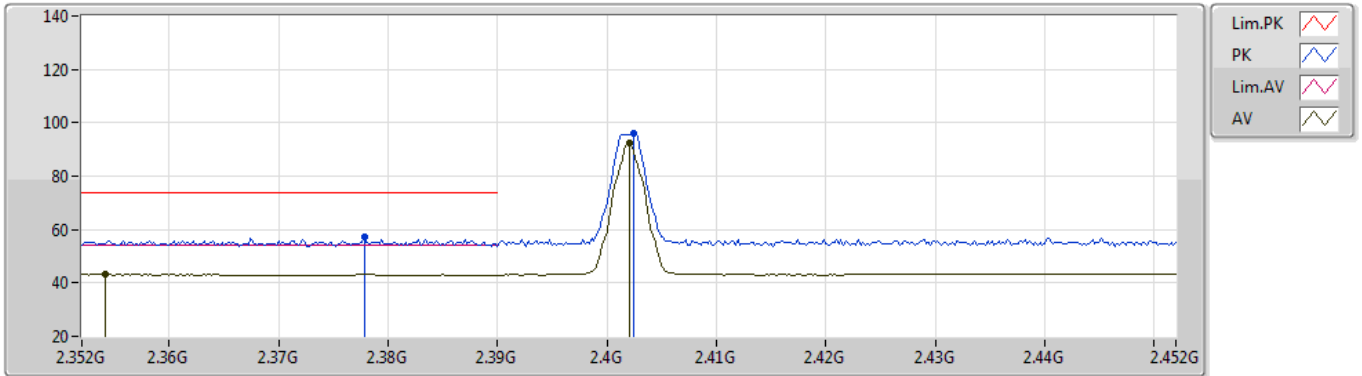


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.95997G	51.60	54.00	-2.40	1.86	3	Horizontal	82	1.13	-	49.74	31.42	5.38	34.94
PK	4.95947G	57.10	74.00	-16.90	1.86	3	Horizontal	82	1.13	-	55.24	31.42	5.38	34.94

BT-LE(2Mbps)

24/09/2020

2402MHz_TX

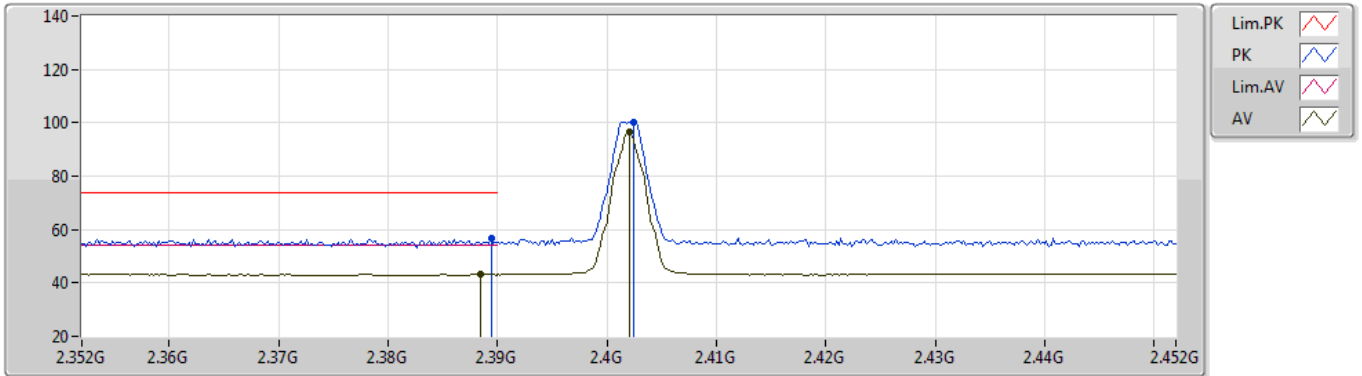


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3542G	43.07	54.00	-10.93	31.61	3	Vertical	178	2.92	-	11.46	27.78	3.83	-
AV	2.402G	92.27	Inf	-Inf	31.50	3	Vertical	178	2.92	-	60.77	27.60	3.90	-
PK	2.3778G	57.05	74.00	-16.95	31.56	3	Vertical	178	2.92	-	25.49	27.69	3.87	-
PK	2.4024G	96.06	Inf	-Inf	31.50	3	Vertical	178	2.92	-	64.56	27.60	3.90	-

BT-LE(2Mbps)

24/09/2020

2402MHz_TX

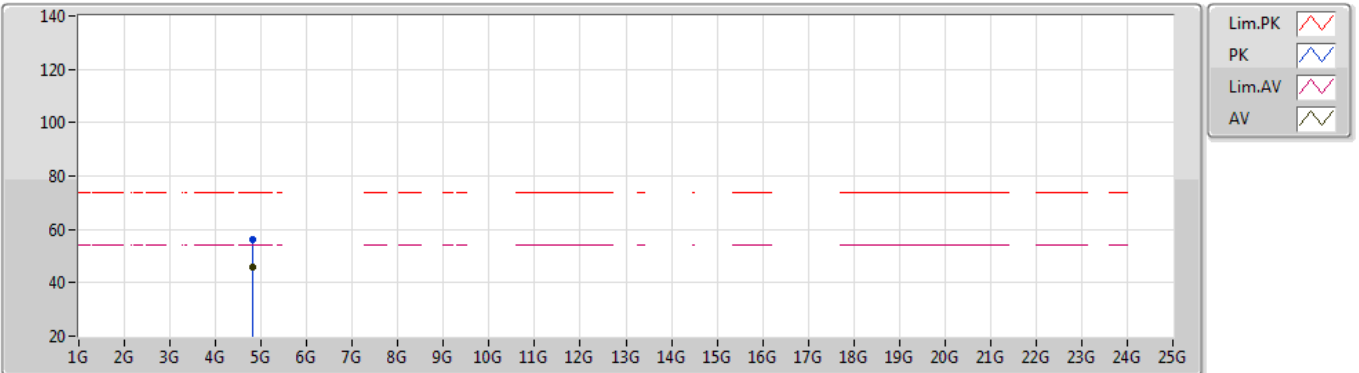


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3884G	43.11	54.00	-10.89	31.53	3	Horizontal	49	1.12	-	11.58	27.65	3.88	-
AV	2.402G	96.35	Inf	-Inf	31.50	3	Horizontal	49	1.12	-	64.85	27.60	3.90	-
PK	2.3894G	56.69	74.00	-17.31	31.52	3	Horizontal	49	1.12	-	25.17	27.64	3.88	-
PK	2.4024G	100.41	Inf	-Inf	31.50	3	Horizontal	49	1.12	-	68.91	27.60	3.90	-

BT-LE(2Mbps)

24/09/2020

2402MHz_TX

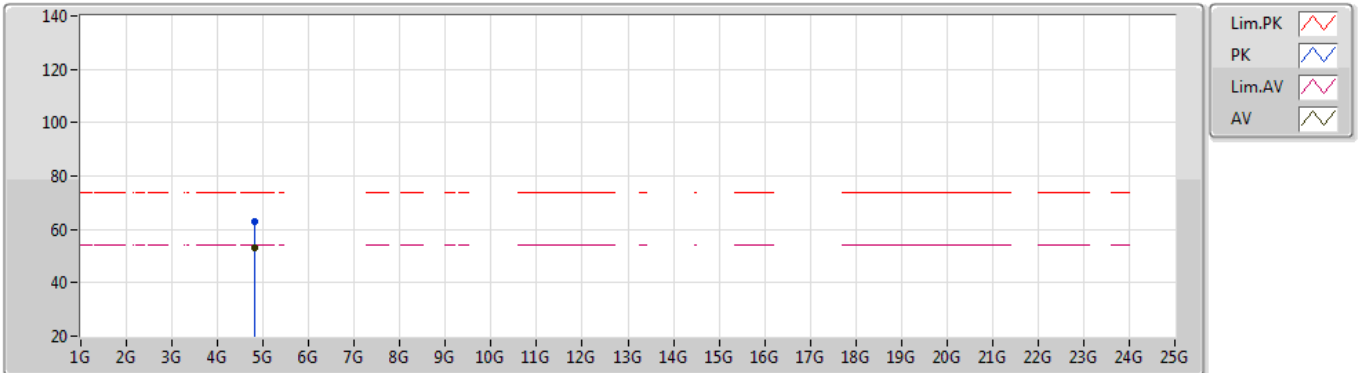


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80309G	45.82	54.00	-8.18	1.48	3	Vertical	179	2.01	-	44.34	31.11	5.30	34.93
PK	4.80298G	56.20	74.00	-17.80	1.48	3	Vertical	179	2.01	-	54.72	31.11	5.30	34.93

BT-LE(2Mbps)

24/09/2020

2402MHz_TX

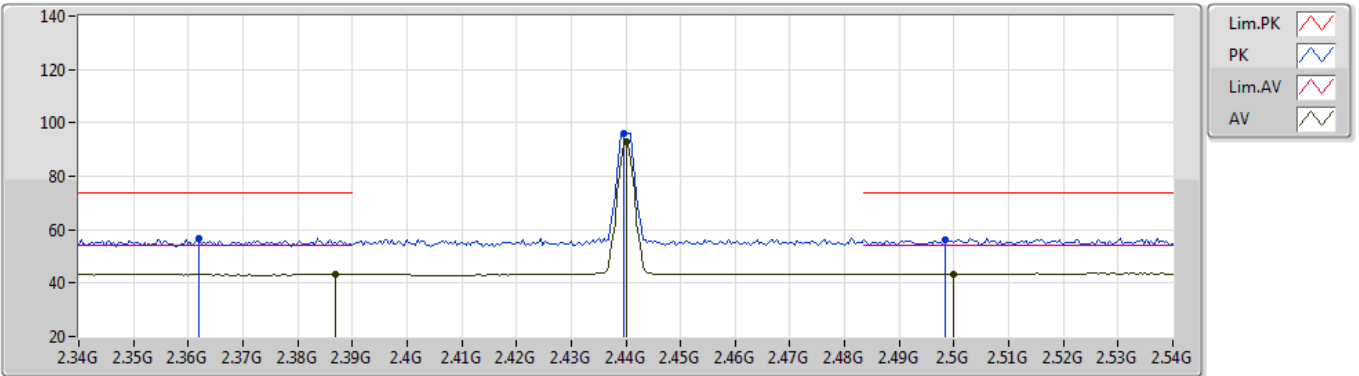


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.80349G	53.09	54.00	-0.91	1.48	3	Horizontal	81	1.00	-	51.61	31.11	5.30	34.93
PK	4.80297G	62.90	74.00	-11.10	1.48	3	Horizontal	81	1.00	-	61.42	31.11	5.30	34.93

BT-LE(2Mbps)

24/09/2020

2440MHz_TX

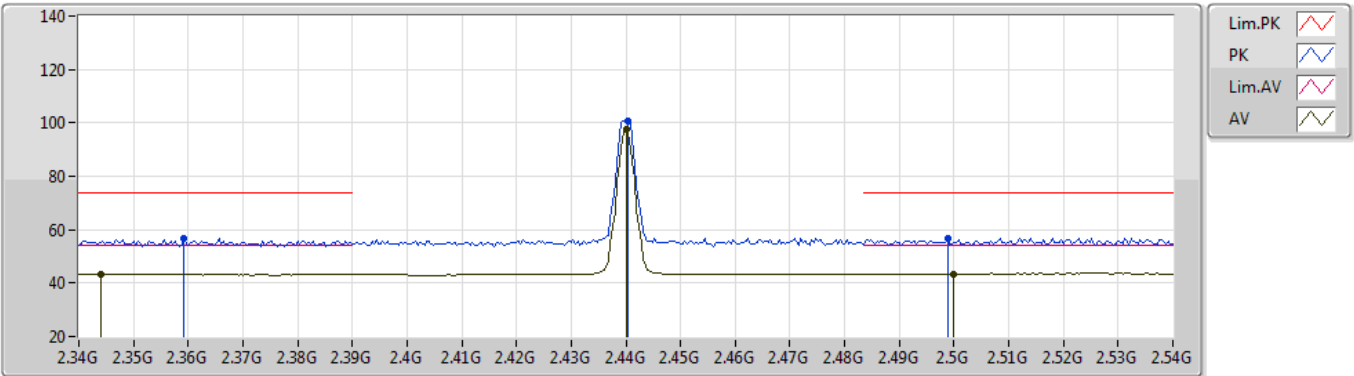


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3868G	43.19	54.00	-10.81	31.53	3	Vertical	360	2.88	-	11.66	27.65	3.88	-
AV	2.44G	92.93	Inf	-Inf	31.56	3	Vertical	360	2.88	-	61.37	27.60	3.96	-
AV	2.5G	43.52	54.00	-10.48	31.65	3	Vertical	360	2.88	-	11.87	27.60	4.05	-
PK	2.362G	56.70	74.00	-17.30	31.59	3	Vertical	360	2.88	-	25.11	27.75	3.84	-
PK	2.4396G	96.15	Inf	-Inf	31.56	3	Vertical	360	2.88	-	64.59	27.60	3.96	-
PK	2.4984G	56.37	74.00	-17.63	31.65	3	Vertical	360	2.88	-	24.72	27.60	4.05	-

BT-LE(2Mbps)

2440MHz_TX

24/09/2020

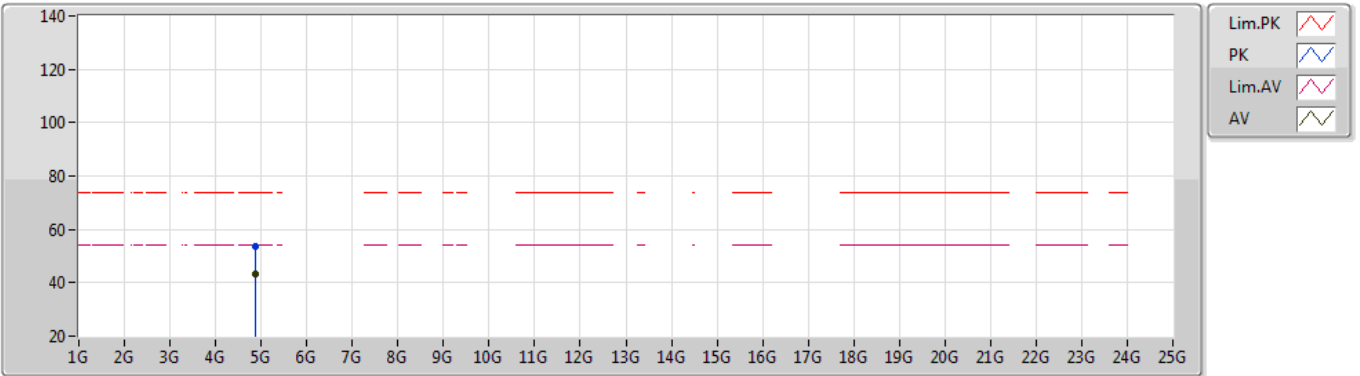


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.344G	43.18	54.00	-10.82	31.63	3	Horizontal	265	1.07	-	11.55	27.81	3.82	-
AV	2.44G	97.40	Inf	-Inf	31.56	3	Horizontal	265	1.07	-	65.84	27.60	3.96	-
AV	2.5G	43.51	54.00	-10.49	31.65	3	Horizontal	265	1.07	-	11.86	27.60	4.05	-
PK	2.3592G	56.66	74.00	-17.34	31.60	3	Horizontal	265	1.07	-	25.06	27.76	3.84	-
PK	2.4404G	100.65	Inf	-Inf	31.56	3	Horizontal	265	1.07	-	69.09	27.60	3.96	-
PK	2.4988G	56.60	74.00	-17.40	31.65	3	Horizontal	265	1.07	-	24.95	27.60	4.05	-

BT-LE(2Mbps)

24/09/2020

2440MHz_TX

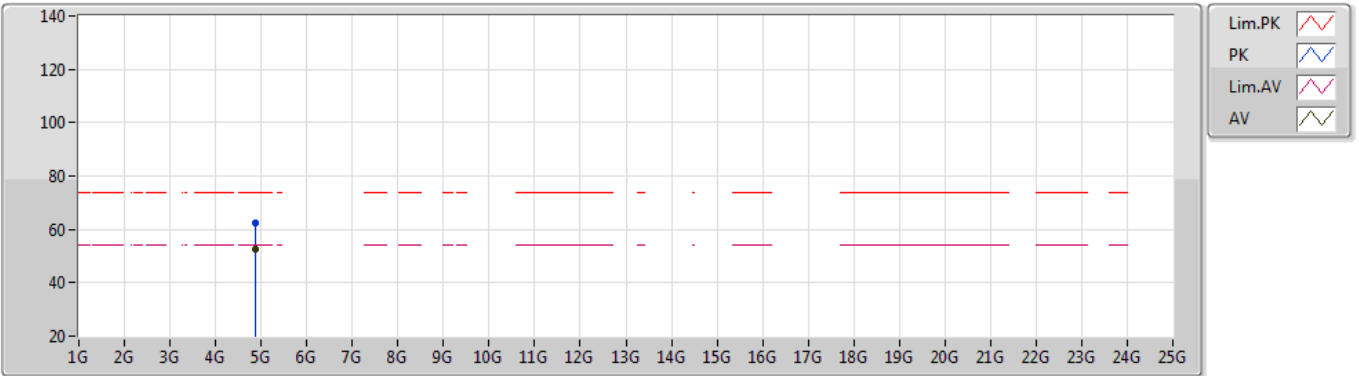


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.88089G	43.09	54.00	-10.91	1.65	3	Vertical	360	3.00	-	41.44	31.24	5.34	34.93
PK	4.87885G	53.39	74.00	-20.61	1.65	3	Vertical	360	3.00	-	51.74	31.24	5.34	34.93

BT-LE(2Mbps)

24/09/2020

2440MHz_TX

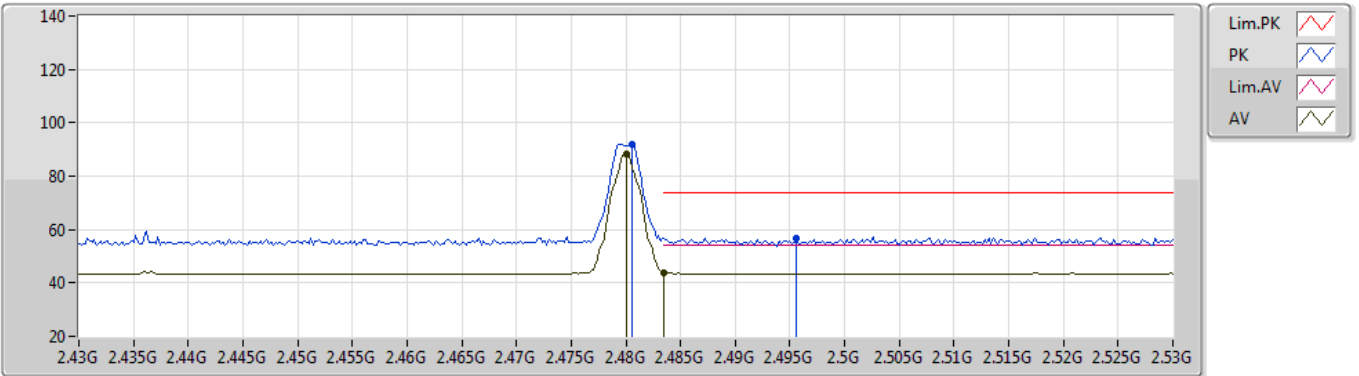


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.87948G	52.56	54.00	-1.44	1.65	3	Horizontal	271	1.00	-	50.91	31.24	5.34	34.93
PK	4.87894G	62.52	74.00	-11.48	1.65	3	Horizontal	271	1.00	-	60.87	31.24	5.34	34.93

BT-LE(2Mbps)

24/09/2020

2480MHz_TX

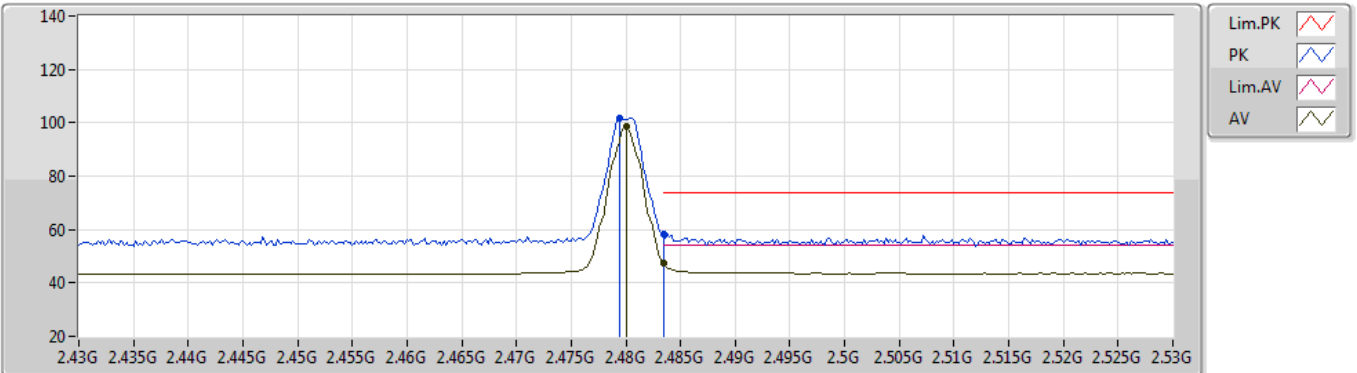


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	88.51	Inf	-Inf	31.62	3	Vertical	107	1.49	-	56.89	27.60	4.02	-
AV	2.4835G	44.02	54.00	-9.98	31.63	3	Vertical	107	1.49	-	12.39	27.60	4.03	-
PK	2.4806G	91.94	Inf	-Inf	31.62	3	Vertical	107	1.49	-	60.32	27.60	4.02	-
PK	2.4956G	56.81	74.00	-17.19	31.64	3	Vertical	107	1.49	-	25.17	27.60	4.04	-

BT-LE(2Mbps)

2480MHz_TX

24/09/2020

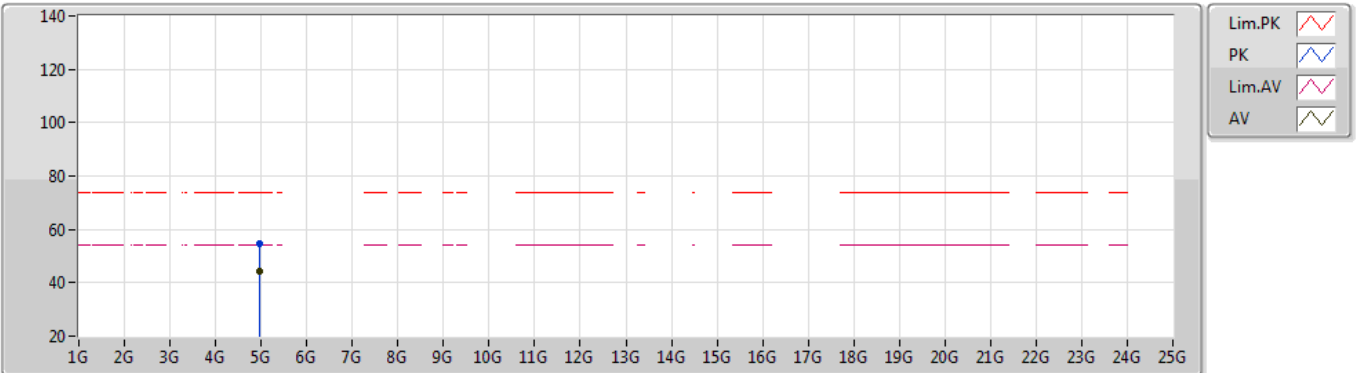


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.48G	98.59	Inf	-Inf	31.62	3	Horizontal	51	1.00	-	66.97	27.60	4.02	-
AV	2.4835G	47.39	54.00	-6.61	31.63	3	Horizontal	51	1.00	-	15.76	27.60	4.03	-
PK	2.4794G	101.82	Inf	-Inf	31.62	3	Horizontal	51	1.00	-	70.20	27.60	4.02	-
PK	2.4835G	58.20	74.00	-15.80	31.63	3	Horizontal	51	1.00	-	26.57	27.60	4.03	-

BT-LE(2Mbps)

24/09/2020

2480MHz_TX

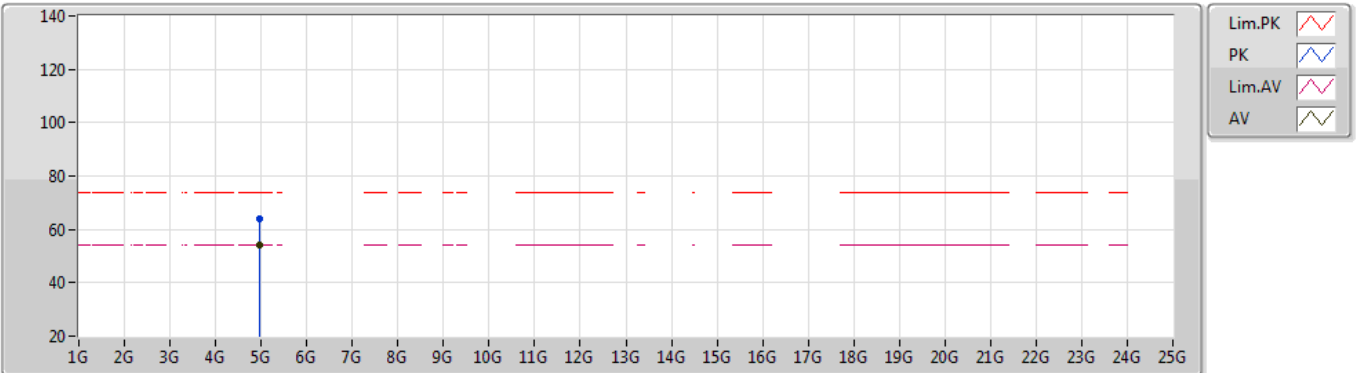


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.96093G	44.39	54.00	-9.61	1.86	3	Vertical	136	1.26	-	42.53	31.42	5.38	34.94
PK	4.95898G	54.46	74.00	-19.54	1.86	3	Vertical	136	1.26	-	52.60	31.42	5.38	34.94

BT-LE(2Mbps)

24/09/2020

2480MHz_TX



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	4.96089G	53.93	54.00	-0.07	1.86	3	Horizontal	267	1.00	-	52.07	31.42	5.38	34.94
PK	4.95889G	63.74	74.00	-10.26	1.86	3	Horizontal	267	1.00	-	61.88	31.42	5.38	34.94