

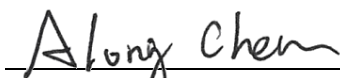
# FCC Test Report

**FCC ID** : R3UDSBT2  
**Product Description** : Wireless headphone  
**Model No.** : DSBT2 ; DSBT3 ; DSBT6  
(see item 1.1.1 for more details)  
**Brand Name** : EPOS  
**Applicant** : DSEA A/S  
**Address** : Kongebakken 9, DK-2765 Smørum, Denmark  
**Standard** : 47 CFR FCC Part 15.247  
**Received Date** : Jan. 31, 2023  
**Tested Date** : Feb. 15 ~ Feb. 24, 2023

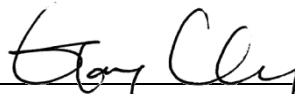
We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

Approved by:



Along Chen / Assistant Manager



Gary Chang / Manager

---

## Table of Contents

<b>1</b>	<b>GENERAL DESCRIPTION .....</b>	<b>5</b>
1.1	Information.....	5
1.2	Local Support Equipment List .....	8
1.3	Test Setup Chart .....	8
1.4	Test Equipment List and Calibration Data.....	10
1.5	Test Standards .....	11
1.6	Reference Guidance .....	11
1.7	Deviation from Test Standard and Measurement Procedure.....	11
1.8	Measurement Uncertainty .....	11
<b>2</b>	<b>TEST CONFIGURATION.....</b>	<b>12</b>
2.1	Testing Facility .....	12
2.2	The Worst Test Modes and Channel Details .....	12
<b>3</b>	<b>TRANSMITTER TEST RESULTS .....</b>	<b>13</b>
3.1	6dB and Occupied Bandwidth .....	13
3.2	Conducted Output Power .....	14
3.3	Power Spectral Density .....	15
3.4	Unwanted Emissions in Restricted Frequency Bands.....	16
3.5	Emissions in non-restricted Frequency Bands.....	18
3.6	AC Power Line Conducted Emissions .....	19
<b>4</b>	<b>TEST LABORATORY INFORMATION .....</b>	<b>20</b>

**Appendix A. 6dB and Occupied Bandwidth**

**Appendix B. Conducted Output Power**

**Appendix C. Power Spectral Density**

**Appendix D. Unwanted Emissions into Restricted Frequency Bands**

**Appendix E. Emissions in Non-Restricted Frequency Bands**

**Appendix F. AC Power Line Conducted Emissions**

---

## Release Record

Report No.	Version	Description	Issued Date
FR313102AE	Rev. 01	Initial issue	Mar. 30, 2023

## Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emissions	[dBuV]: 3.156MHz 35.66 (Margin -10.34dB) - AV	Pass
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 48.28MHz 39.46 (Margin -0.54dB) - QP	Pass
15.247(b)(3)	Conducted Output Power	Power [dBm]: 8.45	Pass
15.247(a)(2)	6dB Bandwidth	Meet the requirement of limit	Pass
15.247(e)	Power Spectral Density	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	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:

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

# 1 General Description

## 1.1 Information

### 1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Description	Remarks
EPOS	DSBT2	Wireless headphone	with ANC (binaural only)
	DSBT3		w/o ANC (binaural)
	DSBT6		w/o ANC (monaural)

### 1.1.2 Specification of the Equipment under Test (EUT)

RF General Information				
Frequency Range (MHz)	Bluetooth Mode	Ch. Freq. (MHz)	Channel Number	Data Rate
2400-2483.5	LE	2402-2480	0-39 [40]	1 Mbps
				2 Mbps

Note: Bluetooth LE (Low energy) uses GFSK modulation.

### 1.1.3 Antenna Details

Ant. No.	Brand	Model	Type	Connector	Gain (dBi)
1	ANYE	254-04706-001-049	Dipole	R-SMA	3

### 1.1.4 Power Supply Type of Equipment under Test (EUT)

Power Supply Type
DC 3.8V from battery DC 5V from host

### 1.1.5 Accessories

Accessories		
No.	Equipment	Description
1	Battery	Brand: Synergy Model: AHB552826HPCT Rating: 3.8Vdc, 450mAh
2	USB cable	Brand: EPOS Model: DSDUC120 length: 1.20m shielded USB-C twisted pair without core
3	Bluetooth dongle	Brand: EPOS Model: DSBT1
4	Charge stand contactless	Brand: EPOS Model: DSWD6 length: 1.31m shielded without core

### 1.1.6 Channel List

Frequency band (MHz)				2400~2483.5			
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
37	2402	9	2422	18	2442	28	2462
0	2404	10	2424	19	2444	29	2464
1	2406	38	2426	20	2446	30	2466
2	2408	11	2428	21	2448	31	2468
3	2410	12	2430	22	2450	32	2470
4	2412	13	2432	23	2452	33	2472
5	2414	14	2434	24	2454	34	2474
6	2416	15	2436	25	2456	35	2476
7	2418	16	2438	26	2458	36	2478
8	2420	17	2440	27	2460	39	2480

### 1.1.7 Test Tool and Duty Cycle

Test Tool	BlueTest3, V3.3.12	
Modulation Mode	Duty Cycle Of Test Signal (%)	Duty Factor (dB)
BT-LE(1Mbps)	100%	0
BT-LE(2Mbps)	100%	0

### 1.1.8 Power Index of Test Tool

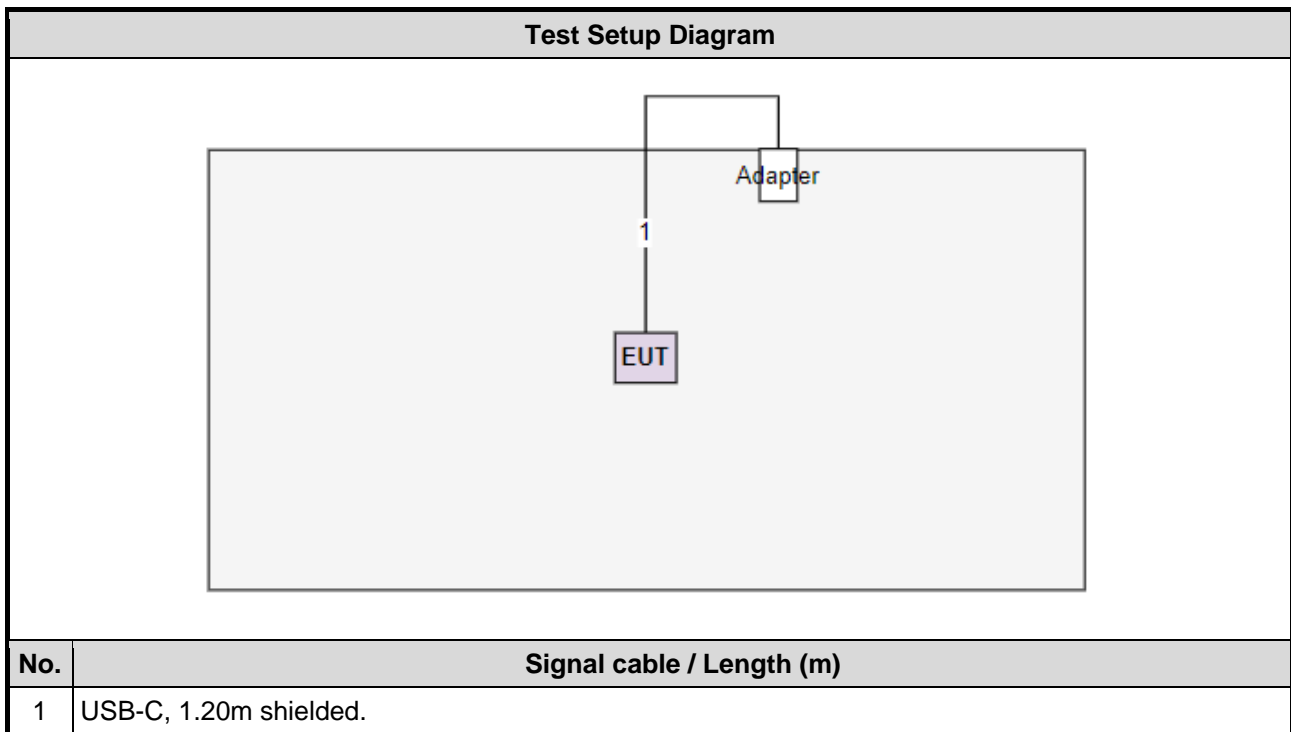
Modulation Mode	Test Frequency (MHz)		
	2402	2440	2480
BT-LE(1Mbps)	default(6)	default(6)	default(6)
BT-LE(2Mbps)	default(6)	default(6)	default(6)

## 1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Notebook	DELL	Latitude E5400	DoC	---
2	Adapter	Philips	DLP6341C	---	---

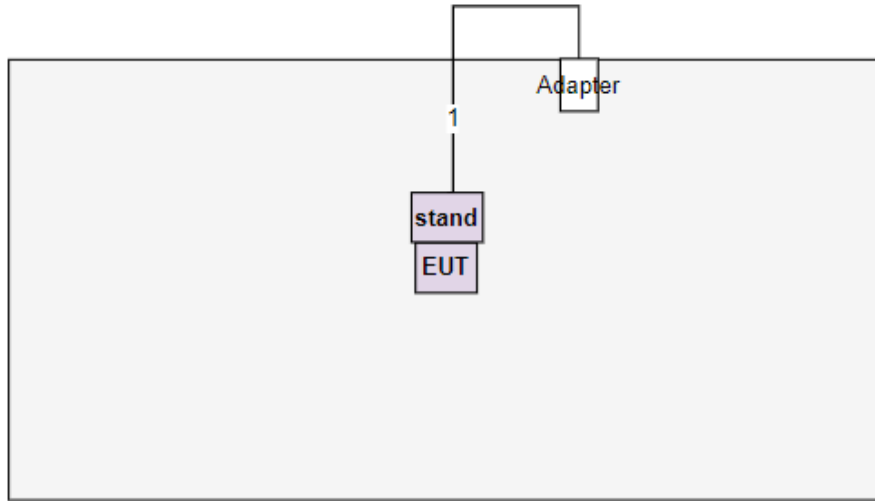
Note: The support notebook is disconnected from EUT and is removed from test table after sending command from notebook to control EUT to transmit and receive continuously.

## 1.3 Test Setup Chart





**Test Setup Diagram**



No.	Signal cable / Length (m)
1	USB-C, 1.31m shielded.

## 1.4 Test Equipment List and Calibration Data

<b>Test Item</b>	Conducted Emission				
<b>Test Site</b>	Conduction room 1 / (CO01-WS)				
<b>Tested Date</b>	Feb. 24, 2023				
<b>Instrument</b>	<b>Brand</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Receiver	R&S	ESR3	101657	Mar. 15, 2022	Mar. 14, 2023
LISN	R&S	ENV216	101579	Apr. 21, 2022	Apr. 20, 2023
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127667	Jan .02, 2023	Jan .01, 2024
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 17, 2022	Oct. 16, 2023
50 ohm terminal (Support Unit)	NA	50	01	May 10, 2022	May 09, 2023
Measurement SW	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

<b>Test Item</b>	Radiated Emission				
<b>Test Site</b>	966 chamber1 / (03CH01-WS)				
<b>Tested Date</b>	Feb. 15 ~ Feb. 23, 2023				
<b>Instrument</b>	<b>Brand</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Receiver	R&S	ESR3	101657	Mar. 15, 2022	Mar. 14, 2023
Spectrum Analyzer	R&S	FSV40	101498	Nov. 21, 2022	Nov. 20, 2023
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 01, 2022	Oct. 31, 2023
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Aug. 03, 2022	Aug. 02, 2023
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Nov. 25, 2022	Nov. 24, 2023
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Oct. 27, 2022	Oct. 26, 2023
Preamplifier	EMC	EMC02325	980225	Jun. 28, 2022	Jun. 27, 2023
Preamplifier	EMC	EMC118A45SE	980898	Jul. 16, 2022	Jul. 15, 2023
Preamplifier	EMC	EMC184045SE	980903	Jul. 16, 2022	Jul. 15, 2023
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 04, 2022	Oct. 03, 2023
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 04, 2022	Oct. 03, 2023
LF cable 11M	EMC	EMCCFD400-NW-N W-11000	200801	Oct. 04, 2022	Oct. 03, 2023
LF cable 1M	EMC	EMCCFD400-NM-N M-1000	160502	Oct. 04, 2022	Oct. 03, 2023
RF Cable	EMC	EMC104-35M-35M- 8000	210920	Oct. 04, 2022	Oct. 03, 2023
RF Cable	EMC	EMC104-35M-35M- 3000	210922	Oct. 04, 2022	Oct. 03, 2023
Measurement SW	Sporton	SENSE-15247_FS	V5.10.8	NA	NA
Measurement SW	Sporton	SENSE-EMI	V5.10.8	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

<b>Test Item</b>	RF Conducted				
<b>Test Site</b>	(TH01-WS)				
<b>Tested Date</b>	Feb. 24, 2023				
<b>Instrument</b>	<b>Brand</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Spectrum Analyzer	R&S	FSV40	101910	Apr. 08, 2022	Apr. 07, 2023
Power Meter	Anritsu	ML2495A	1241002	Nov. 23, 2022	Nov. 22, 2023
Power Sensor	Anritsu	MA2411B	1207366	Nov. 23, 2022	Nov. 22, 2023
Measurement SW	Sporton	SENSE-15247_FS	V5.10.8	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

## 1.5 Test Standards

47 CFR FCC Part 15.247  
ANSI C63.10-2013

## 1.6 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

## 1.7 Deviation from Test Standard and Measurement Procedure

None

## 1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ( $k=2$ )).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	$\pm 34.130$ Hz
Conducted power	$\pm 0.808$ dB
Power density	$\pm 0.583$ dB
Conducted emission	$\pm 2.715$ dB
AC conducted emission	$\pm 2.92$ dB
Unwanted Emission $\leq 1$ GHz	$\pm 3.41$ dB
Unwanted Emission $> 1$ GHz	$\pm 4.59$ dB

## 2 Test Configuration

### 2.1 Testing Facility

<b>Test Laboratory</b>	International Certification Corporation
<b>Test Site</b>	CO01-WS, 03CH01-WS, TH01-WS
<b>Address of Test Site</b>	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

### 2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Test Configuration
AC Power Line Conducted Emissions	BT-LE(1Mbps)	2402	1, 2, 3
	WPC charging	---	4, 5, 6
Unwanted Emissions ≤ 30MHz	WPC charging	---	4, 5, 6
Unwanted Emissions ≤ 1GHz	BT-LE(1Mbps)	2402	1, 2, 3
	WPC charging	---	4, 5, 6
Unwanted Emissions > 1GHz	BT-LE(1Mbps) BT-LE(2Mbps)	2402, 2440, 2480	1
Conducted Output Power 6dB bandwidth Power spectral density	BT-LE(1Mbps) BT-LE(2Mbps)	2402, 2440, 2480	1

**NOTE:**

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **X-plane** results were found as the worst case and were shown in this report.
2. Test configurations are listed as follows:
  - 1) Test mode 1: DSBT2 USB charger with adapter+TX
  - 2) Test mode 2: DSBT3 USB charger with adapter+TX
  - 3) Test mode 3: DSBT6 USB charger with adapter+TX
  - 4) Test mode 4: DSBT2 WPC (Stand) charger with adapter
  - 5) Test mode 5: DSBT3 WPC (Stand) charger with adapter
  - 6) Test mode 6: DSBT6 WPC (Stand) charger with adapter

### 3 Transmitter Test Results

#### 3.1 6dB and Occupied Bandwidth

##### 3.1.1 Limit of 6dB Bandwidth

The minimum 6dB bandwidth shall be at least 500 kHz.

##### 3.1.2 Test Procedures

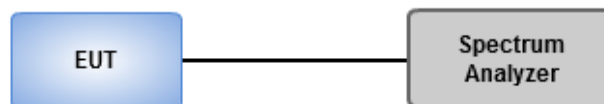
###### 6dB Bandwidth

1. Set resolution bandwidth (RBW) = 100 kHz, Video bandwidth = 300 kHz.
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6dB relative to the maximum level measured in the fundamental emission.

###### Occupied Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Sample, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Use the OBW measurement function of spectrum analyzer to measure the occupied bandwidth.

##### 3.1.3 Test Setup



##### 3.1.4 Test Results

<b>Ambient Condition</b>	21°C / 66%	<b>Tested By</b>	Akun Chung
--------------------------	------------	------------------	------------

Refer to Appendix A.

## 3.2 Conducted Output Power

### 3.2.1 Limit of Conducted Output Power

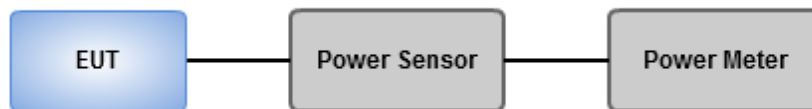
Conducted power shall not exceed 1Watt.

Antenna gain  $\leq 6\text{dBi}$ , no any corresponding reduction is in output power limit.

### 3.2.2 Test Procedures

A broadband RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.

### 3.2.3 Test Setup



### 3.2.4 Test Results

<b>Ambient Condition</b>	21°C / 66%	<b>Tested By</b>	Akun Chung
--------------------------	------------	------------------	------------

Refer to Appendix B.

### 3.3 Power Spectral Density

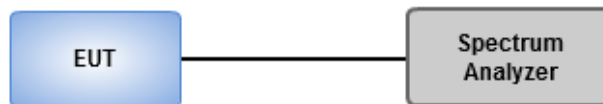
#### 3.3.1 Limit of Power Spectral Density

Power spectral density shall not be greater than 8 dBm in any 3 kHz band.

#### 3.3.2 Test Procedures

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = Peak, Sweep time = auto couple.
3. Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

#### 3.3.3 Test Setup



#### 3.3.4 Test Results

<b>Ambient Condition</b>	21°C / 66%	<b>Tested By</b>	Akun Chung
--------------------------	------------	------------------	------------

Refer to Appendix C.

### 3.4 Unwanted Emissions in Restricted Frequency Bands

#### 3.4.1 Limit of Unwanted Emissions in Restricted Frequency Bands

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:**  
Quasi-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

**Note 2:**  
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

#### 3.4.2 Test Procedures

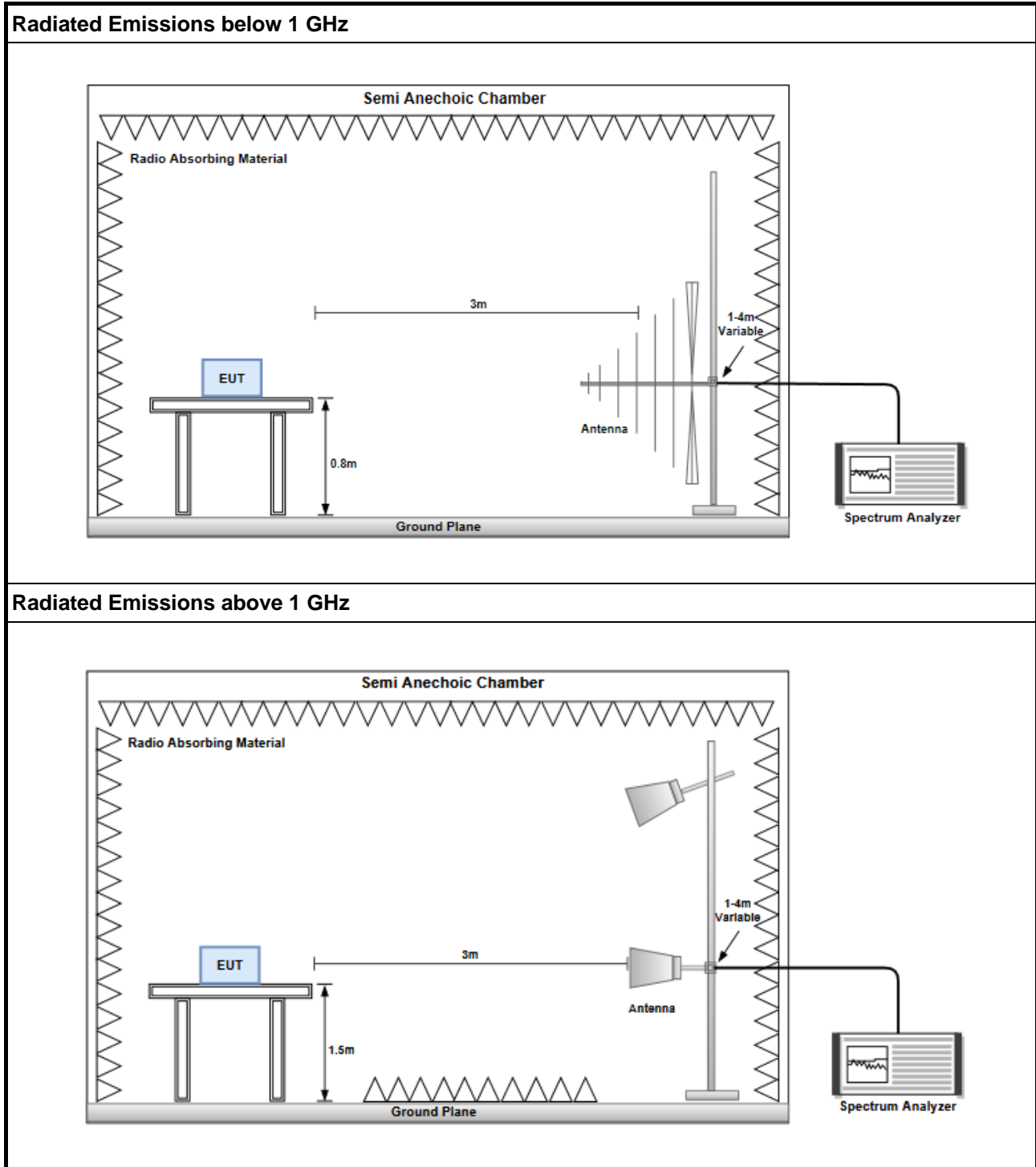
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.



### 3.4.3 Test Setup



### 3.4.4 Test Results

<b>Ambient Condition</b>	22-23°C / 62-63%	<b>Tested By</b>	Sean Yu / Brad Wu
--------------------------	------------------	------------------	-------------------

Refer to Appendix D.

## 3.5 Emissions in non-restricted Frequency Bands

### 3.5.1 Emissions in non-restricted frequency bands limit

Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz.

### 3.5.2 Test Procedures

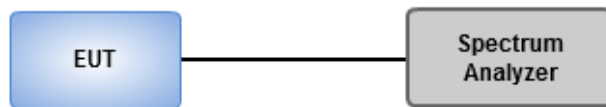
#### Reference level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Use the peak marker function to determine the maximum PSD level

#### Emission level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Scan Frequency range is up to 25GHz
4. Use the peak marker function to determine the maximum amplitude level

### 3.5.3 Test Setup



### 3.5.4 Test Results

<b>Ambient Condition</b>	21°C / 66%	<b>Tested By</b>	Akun Chung
--------------------------	------------	------------------	------------

Refer to Appendix E.

## 3.6 AC Power Line Conducted Emissions

### 3.6.1 Limit of AC Power Line Conducted Emissions

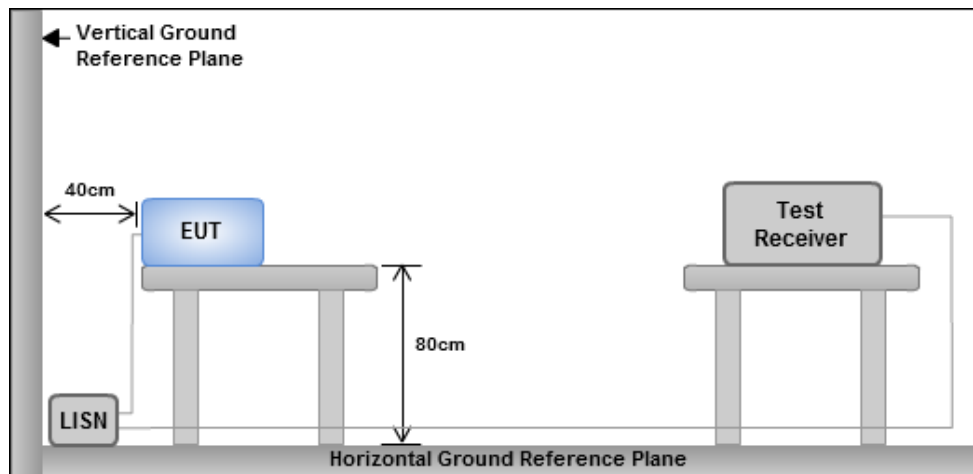
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: \* Decreases with the logarithm of the frequency.

### 3.6.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50  $\Omega$  LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

### 3.6.3 Test Setup



- Note: 1. Support units were connected to second LISN.  
 2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

### 3.6.4 Test Results

Refer to Appendix F.

## 4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

### **Linkou**

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou  
District, New Taipei City, Taiwan  
(R.O.C.)

### **Kwei Shan**

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)  
No.2-1, Lane 6, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

### **Kwei Shan Site II**

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd  
St., Kwei Shan Dist., Tao Yuan  
City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666

Fax: 886-3-318-0155

Email: ICC\_Service@icertifi.com.tw

==END==



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)	727.5k	1.057M	1M06F1D	718.75k	1.047M
BT-LE(2Mbps)	1.48M	2.104M	2M10F1D	1.44M	2.096M

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	727.5k	1.057M
2440MHz	Pass	500k	718.75k	1.052M
2480MHz	Pass	500k	720k	1.047M
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	500k	1.45M	2.104M
2440MHz	Pass	500k	1.48M	2.099M
2480MHz	Pass	500k	1.44M	2.096M

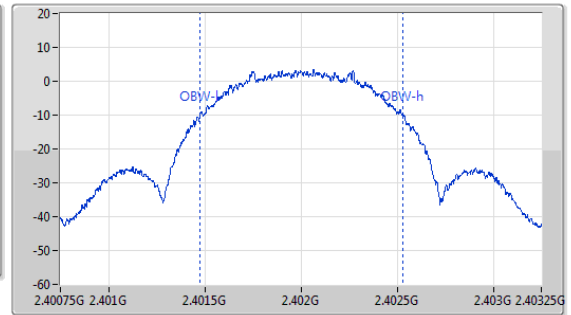
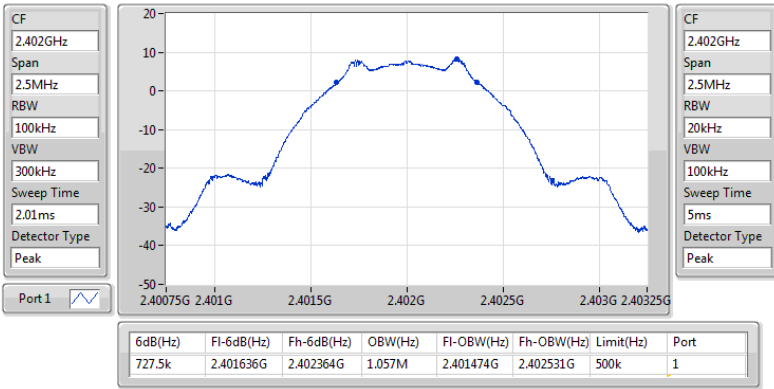
Port X-N dB = Port X 6dB down bandwidth;  
Port X-OBW = Port X 99% occupied bandwidth



2.4-2.4835GHz\_BT-LE(1Mbps)

EBW-DTS

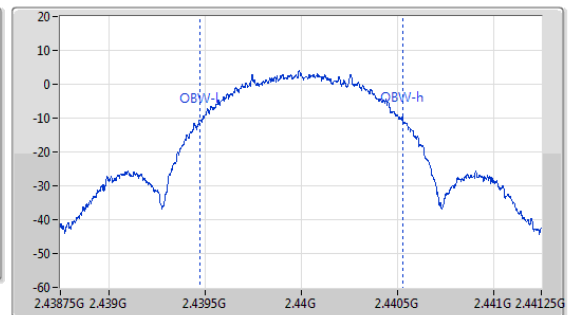
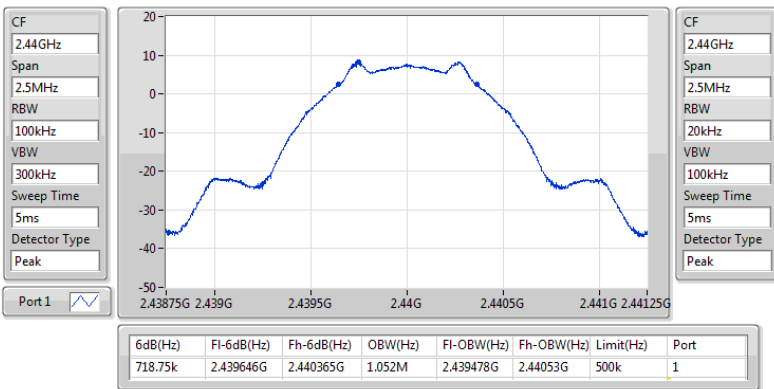
2402MHz



2.4-2.4835GHz\_BT-LE(1Mbps)

EBW-DTS

2440MHz

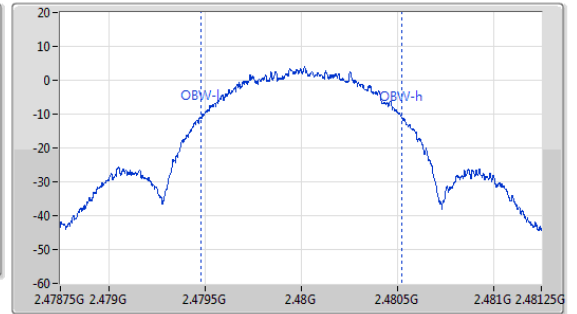
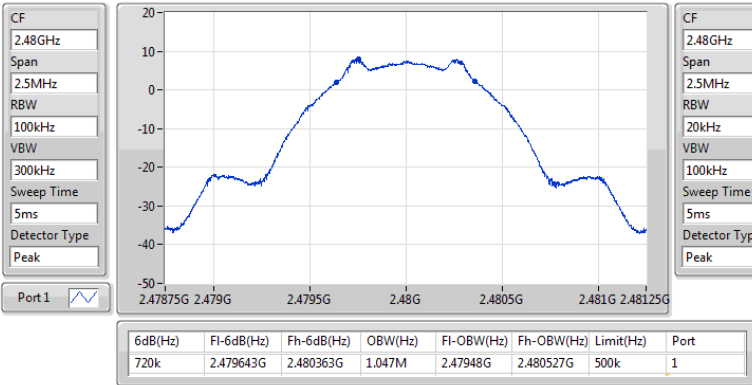




2.4-2.4835GHz\_BT-LE(1Mbps)

EBW-DTS

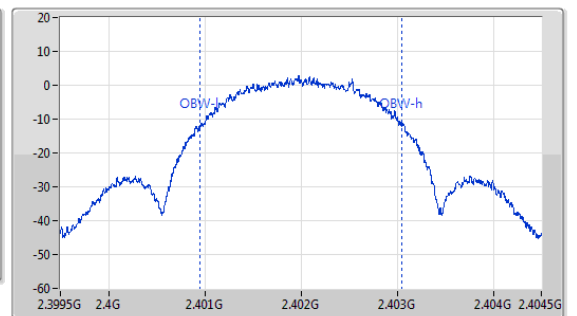
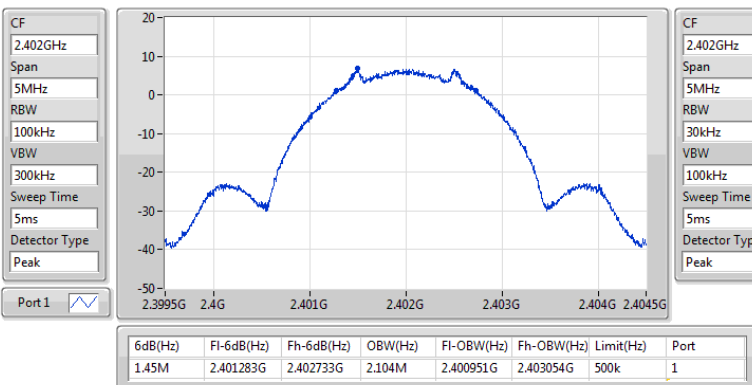
2480MHz



2.4-2.4835GHz\_BT-LE(2Mbps)

EBW-DTS

2402MHz

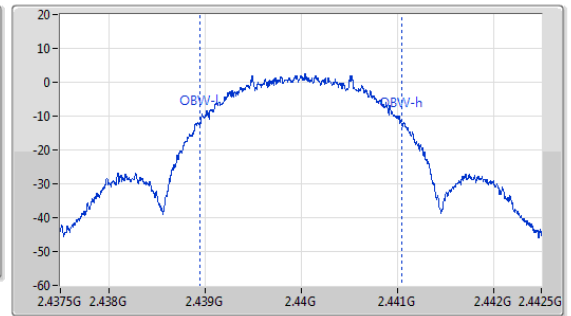
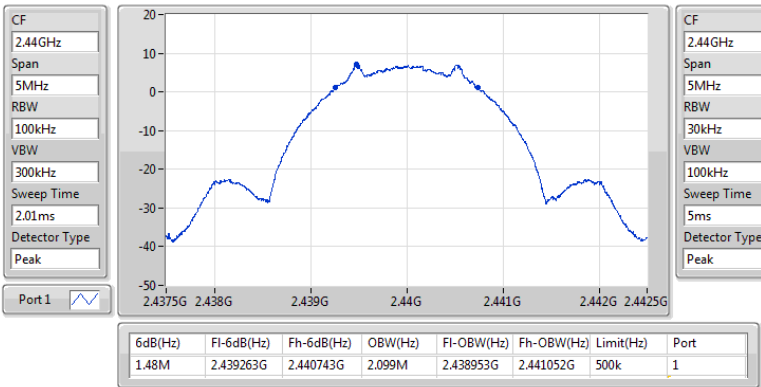




2.4-2.4835GHz\_BT-LE(2Mbps)

EBW-DTS

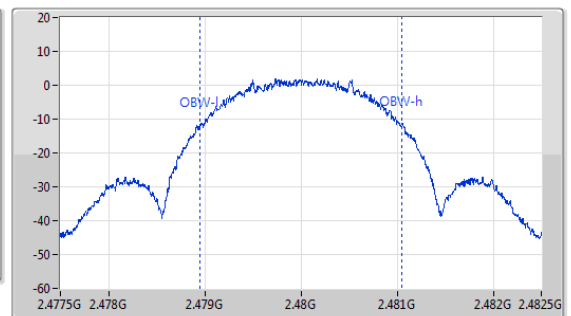
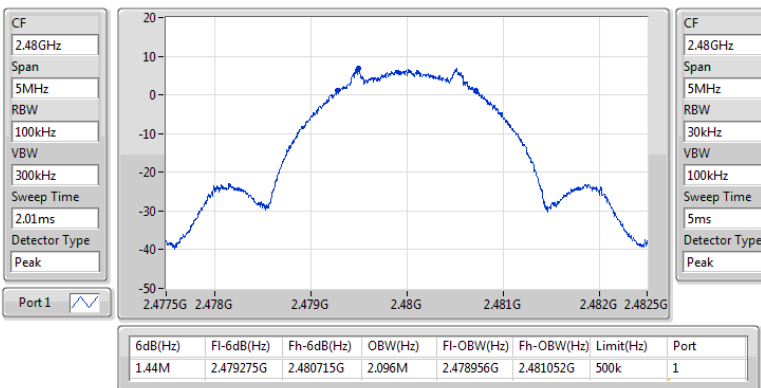
2440MHz



2.4-2.4835GHz\_BT-LE(2Mbps)

EBW-DTS

2480MHz







## Conducted Output Power (Peak)

Appendix B.1

### Summary

Mode	Total Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	8.45	0.00700
BT-LE(2Mbps)	8.44	0.00698

### Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.00	8.45	30.00
2440MHz	Pass	3.00	8.30	30.00
2480MHz	Pass	3.00	8.21	30.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.00	8.44	30.00
2440MHz	Pass	3.00	8.30	30.00
2480MHz	Pass	3.00	8.20	30.00



## Conducted Output Power (Average)

## Appendix B.2

### Summary

Mode	Total Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-LE(1Mbps)	8.36	0.00685
BT-LE(2Mbps)	8.35	0.00684

### Result

Mode	Result	Antenna Gain (dBi)	Total Power (dBm)	Power Limit (dBm)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.00	8.36	-
2440MHz	Pass	3.00	8.21	-
2480MHz	Pass	3.00	8.11	-
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.00	8.35	-
2440MHz	Pass	3.00	8.21	-
2480MHz	Pass	3.00	8.11	-

Note: Average power is for reference only.

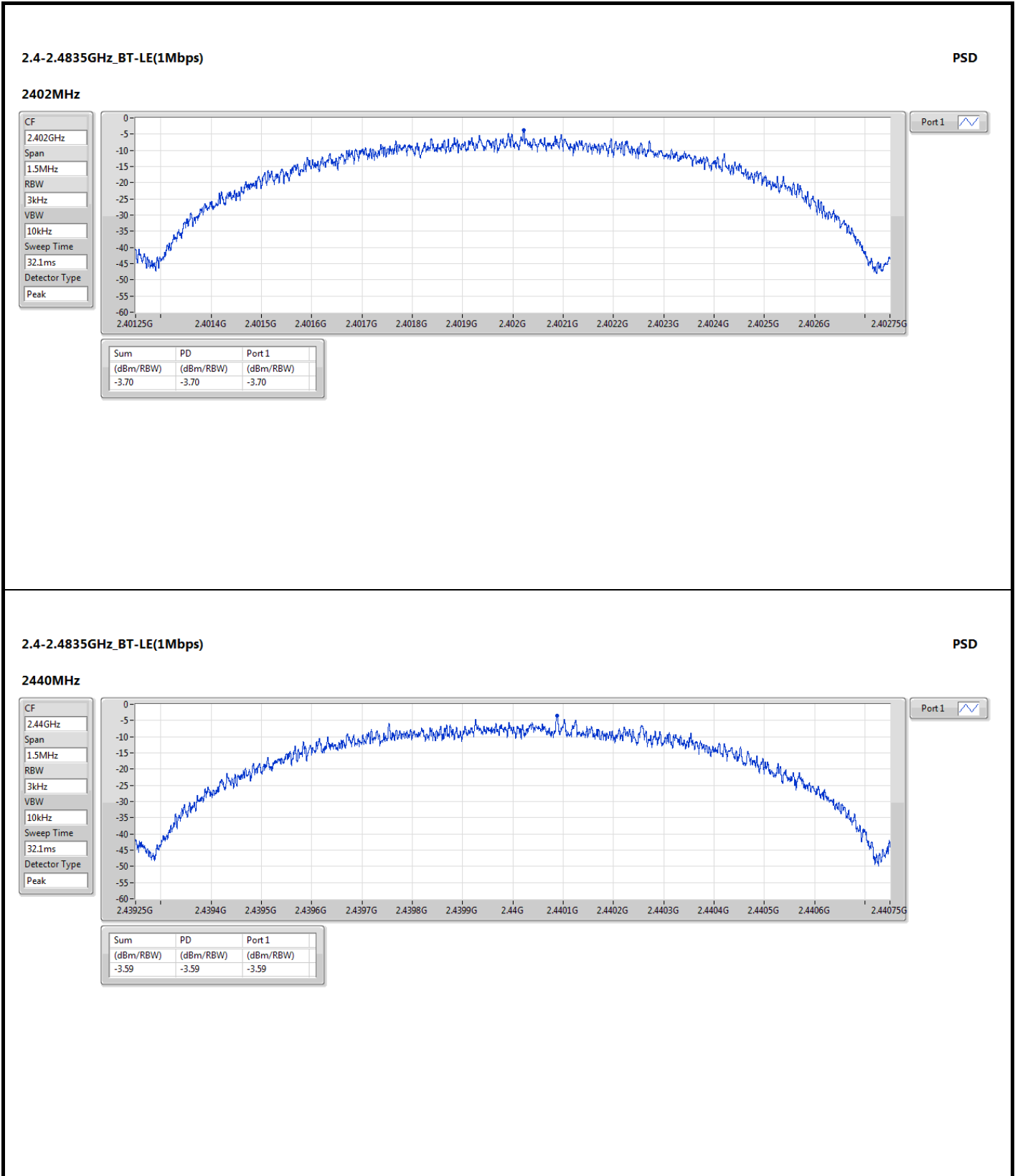


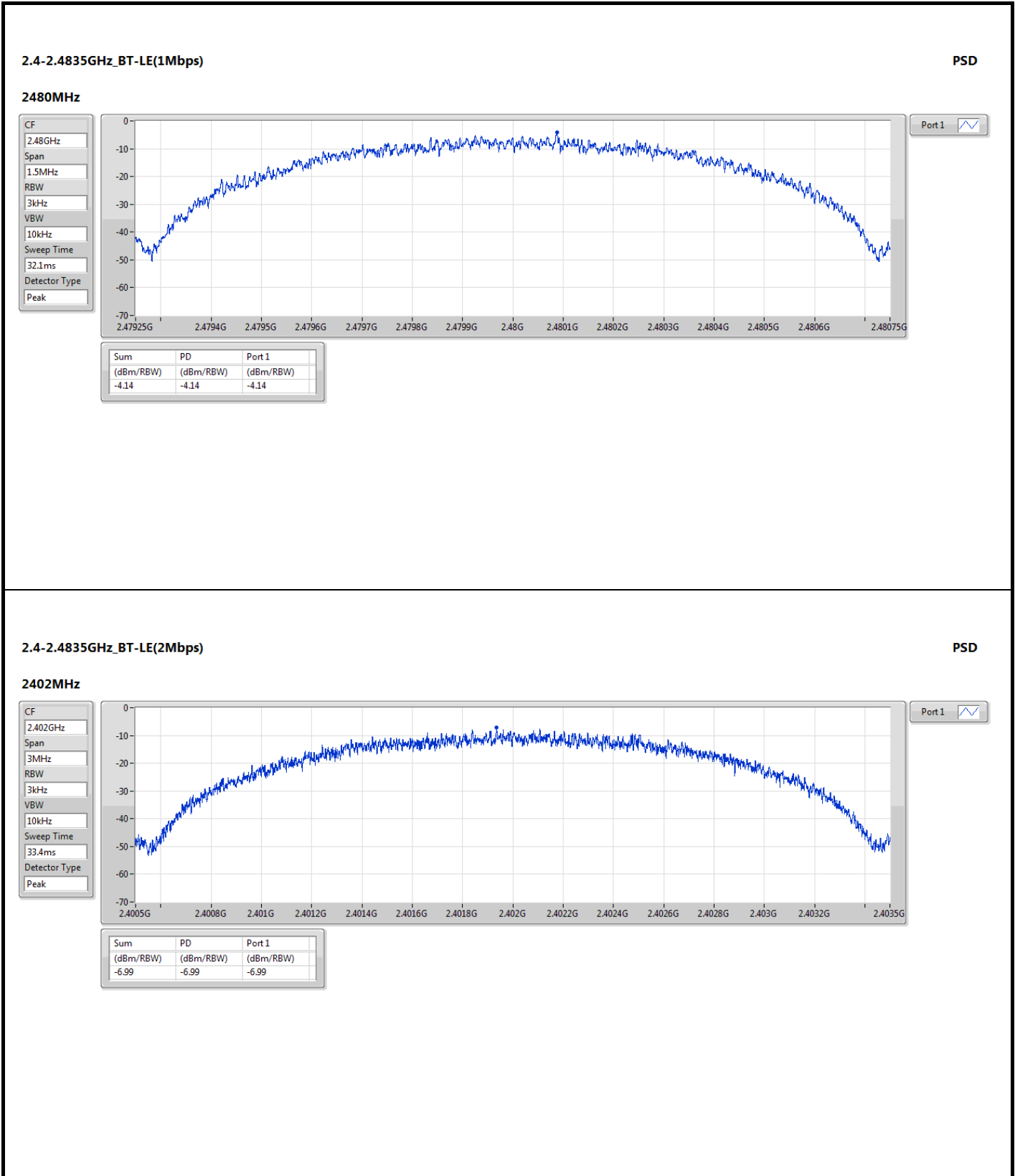
Summary

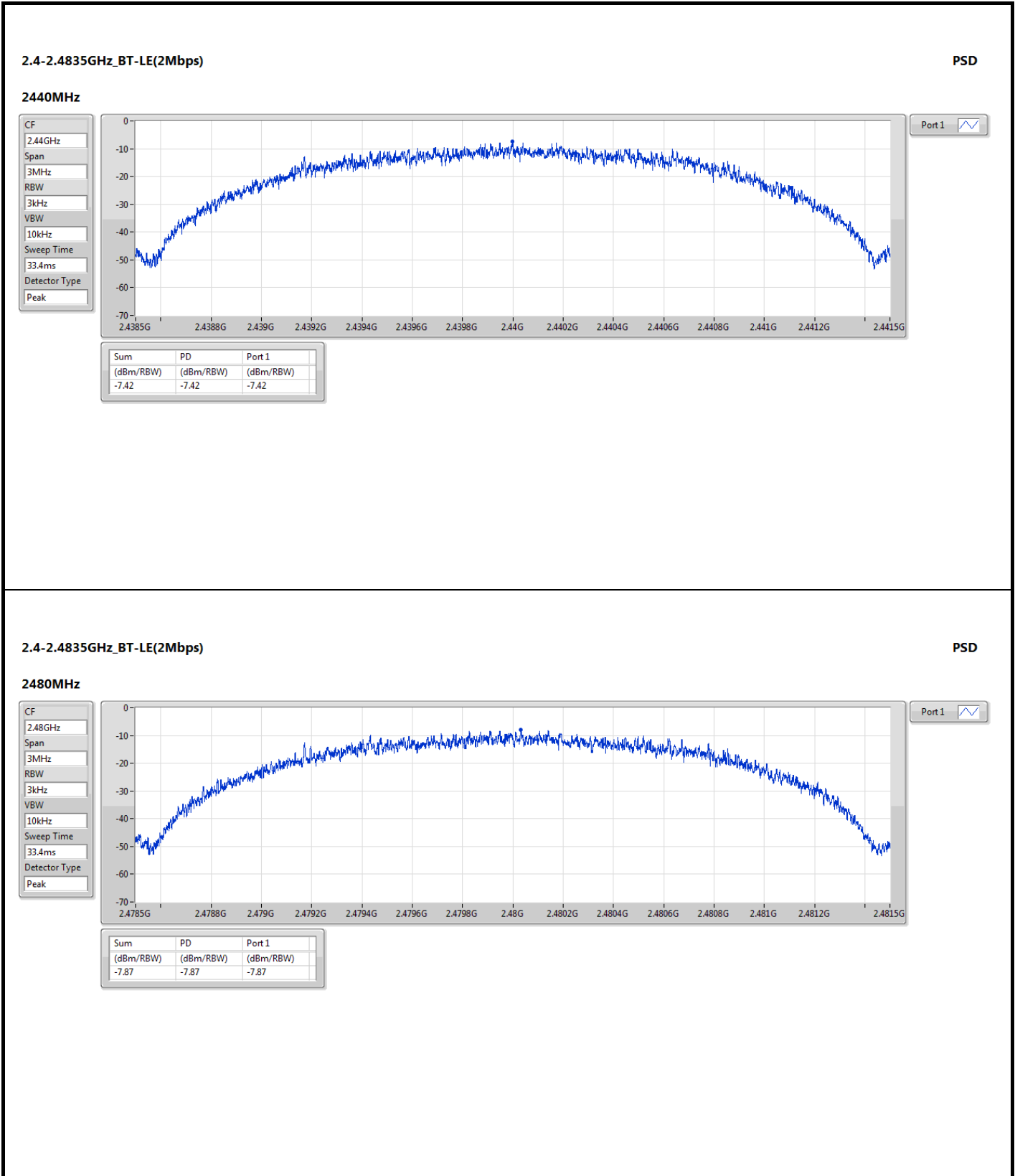
Mode	PD (dBm/3kHz)
2.4-2.4835GHz	-
BT-LE(1Mbps)	-3.59
BT-LE(2Mbps)	-6.99

Result

Mode	Result	Antenna Gain (dBi)	Power Density (dBm/3kHz)	Power Density Limit (dBm/3kHz)
BT-LE(1Mbps)	-	-	-	-
2402MHz	Pass	3.00	-3.70	8.00
2440MHz	Pass	3.00	-3.59	8.00
2480MHz	Pass	3.00	-4.14	8.00
BT-LE(2Mbps)	-	-	-	-
2402MHz	Pass	3.00	-6.99	8.00
2440MHz	Pass	3.00	-7.42	8.00
2480MHz	Pass	3.00	-7.87	8.00









Mode 4

Loop Pol.		open				
Emission Freq. (MHz)	Emission Level (dBuV/m)	FS max Limit (dBuV/m)	Margin (dB)	SA Reading (dBuV)	Factor (dB/m)	Remark
5.41	32.84	58.92	-26.08	11.64	21.2	QP
10.78	34.56	52.93	-18.37	11.02	23.54	QP
14.25	35.99	50.51	-14.52	11.38	24.61	QP

Loop Pol.		close				
Emission Freq. (MHz)	Emission Level (dBuV/m)	FS max Limit (dBuV/m)	Margin (dB)	SA Reading (dBuV)	Factor (dB/m)	Remark
3.49	39.73	62.73	-23	18.83	20.9	QP
11.83	36.25	52.12	-15.87	12.35	23.9	QP
16.23	42.46	49.54	-7.08	18.35	24.11	QP

Note: Emission Level = SA Reading + Factor



Mode 5

Loop Pol.		open				
Emission Freq. (MHz)	Emission Level (dBuV/m)	FS max Limit (dBuV/m)	Margin (dB)	SA Reading (dBuV)	Factor (dB/m)	Remark
3.49	37.54	62.73	-25.19	16.64	20.9	QP
6.85	33.56	56.87	-23.31	11.57	21.99	QP
11.53	35.68	52.35	-16.67	11.88	23.8	QP

Loop Pol.		close				
Emission Freq. (MHz)	Emission Level (dBuV/m)	FS max Limit (dBuV/m)	Margin (dB)	SA Reading (dBuV)	Factor (dB/m)	Remark
3.38	39.38	63	-23.62	18.49	20.89	QP
11.92	37.17	52.06	-14.89	13.24	23.93	QP
16.23	42.6	49.54	-6.94	18.49	24.11	QP

Note: Emission Level = SA Reading + Factor





Mode 6

Loop Pol.		open				
Emission Freq. (MHz)	Emission Level (dBuV/m)	FS max Limit (dBuV/m)	Margin (dB)	SA Reading (dBuV)	Factor (dB/m)	Remark
2.74	34.75	64.83	-30.08	13.8	20.95	QP
6.4	33.08	57.46	-24.38	11.32	21.76	QP
14.58	35.36	50.31	-14.95	10.66	24.7	QP

Loop Pol.		close				
Emission Freq. (MHz)	Emission Level (dBuV/m)	FS max Limit (dBuV/m)	Margin (dB)	SA Reading (dBuV)	Factor (dB/m)	Remark
3.49	39.48	62.73	-23.25	18.58	20.9	QP
12.19	36.77	51.86	-15.09	12.76	24.01	QP
16.23	42.65	49.54	-6.89	18.54	24.11	QP

Note: Emission Level = SA Reading + Factor

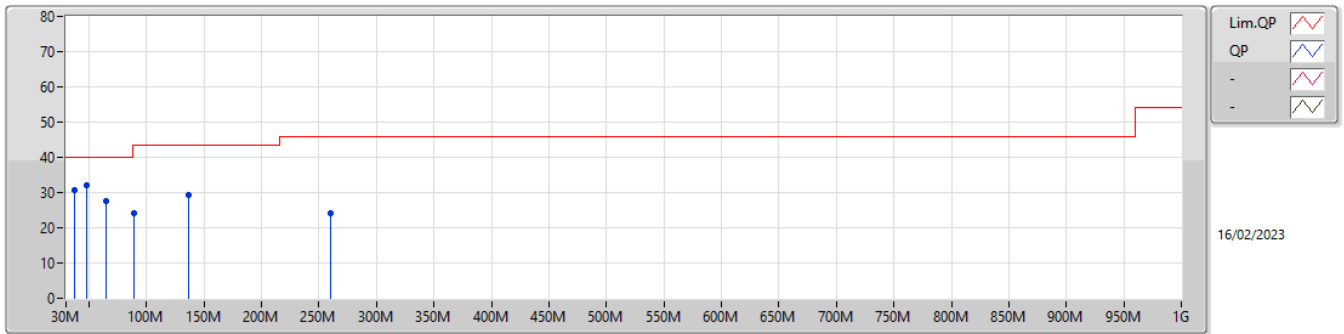


**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	48.28M	32.12	40.00	-7.88	Vertical
Mode 2	Pass	PK	51.09M	31.73	40.00	-8.27	Vertical
Mode 3	Pass	PK	48.28M	33.01	40.00	-6.99	Vertical
<b>Mode 4</b>	<b>Pass</b>	<b>QP</b>	<b>48.28M</b>	<b>39.46</b>	<b>40.00</b>	<b>-0.54</b>	<b>Vertical</b>
Mode 5	Pass	QP	49.68M	39.35	40.00	-0.65	Vertical
Mode 6	Pass	QP	49.19M	39.25	40.00	-0.75	Vertical



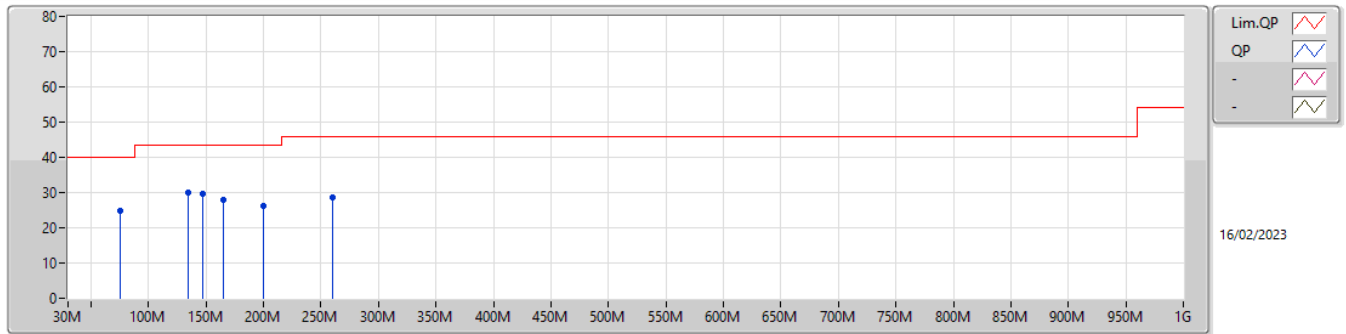
Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	37.03M	30.61	40.00	-9.39	-9.10	3	Vertical	-	-	-	39.71	18.41	0.60	28.11
PK	48.28M	32.12	40.00	-7.88	-8.15	3	Vertical	-	-	-	40.27	19.27	0.70	28.12
PK	65.14M	27.47	40.00	-12.53	-10.10	3	Vertical	-	-	-	37.57	17.33	0.77	28.20
PK	89.04M	24.05	43.50	-19.45	-14.72	3	Vertical	-	-	-	38.77	12.71	0.89	28.32
PK	136.84M	29.21	43.50	-14.29	-9.77	3	Vertical	-	-	-	38.98	17.62	1.03	28.42
PK	260.55M	24.31	46.00	-21.69	-9.48	3	Vertical	-	-	-	33.79	17.54	1.46	28.48



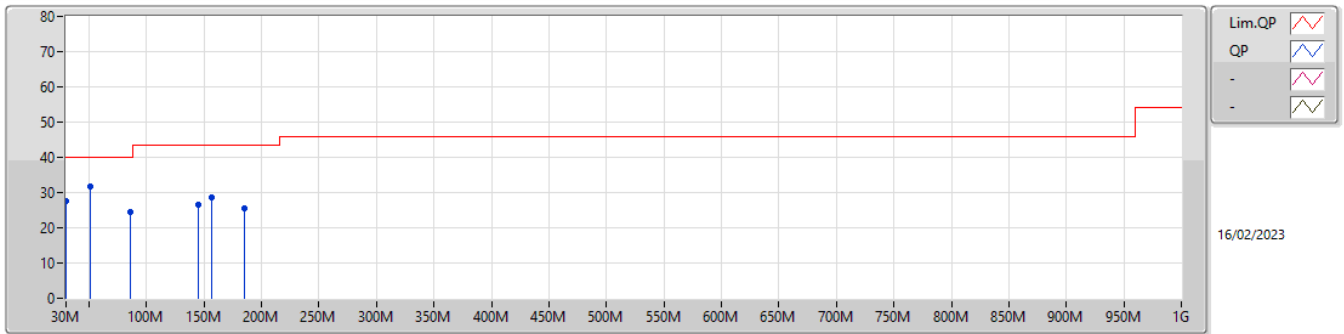
Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	74.99M	24.80	40.00	-15.20	-12.31	3	Horizontal	-	-	-	37.11	15.10	0.84	28.25
PK	134.03M	29.99	43.50	-13.51	-9.89	3	Horizontal	-	-	-	39.88	17.50	1.03	28.42
PK	146.68M	29.71	43.50	-13.79	-8.93	3	Horizontal	-	-	-	38.64	18.44	1.06	28.43
PK	164.96M	27.96	43.50	-15.54	-9.22	3	Horizontal	-	-	-	37.18	18.10	1.13	28.45
PK	200.1M	26.29	43.50	-17.21	-11.86	3	Horizontal	-	-	-	38.15	15.30	1.33	28.49
PK	260.55M	28.57	46.00	-17.43	-9.48	3	Horizontal	-	-	-	38.05	17.54	1.46	28.48



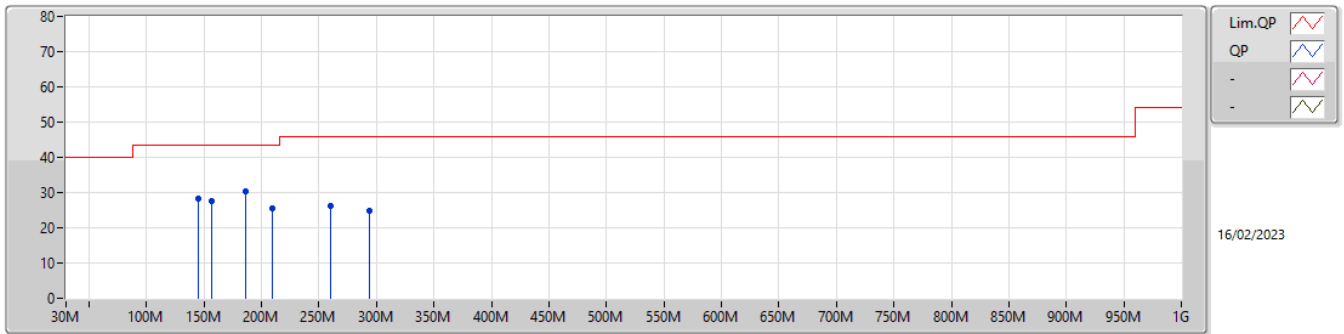
Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	30M	27.68	40.00	-12.32	-10.05	3	Vertical	-	-	-	37.73	17.50	0.56	28.11
PK	51.09M	31.73	40.00	-8.27	-8.14	3	Vertical	-	-	-	39.87	19.27	0.72	28.13
PK	86.23M	24.59	40.00	-15.41	-14.73	3	Vertical	-	-	-	39.32	12.70	0.88	28.31
PK	145.28M	26.45	43.50	-17.05	-9.07	3	Vertical	-	-	-	35.52	18.30	1.06	28.43
PK	156.52M	28.49	43.50	-15.01	-8.99	3	Vertical	-	-	-	37.48	18.35	1.10	28.44
PK	184.64M	25.56	43.50	-17.94	-10.96	3	Vertical	-	-	-	36.52	16.27	1.24	28.47



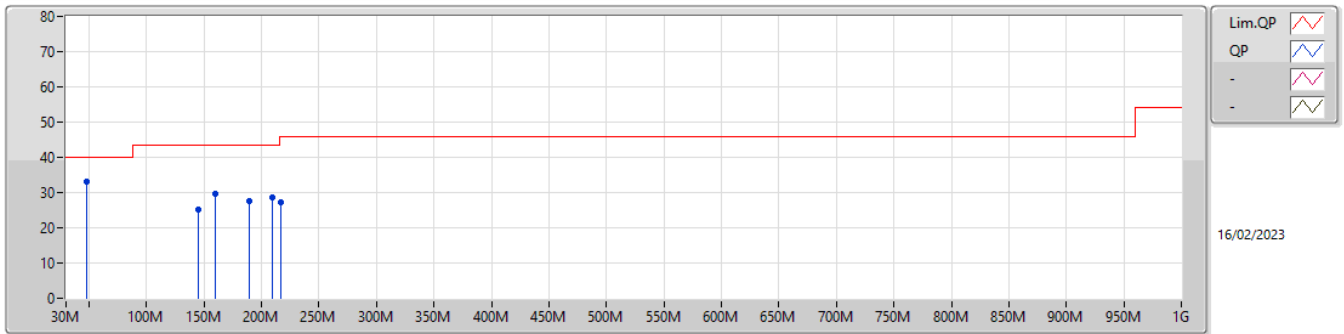
Mode 2



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	145.28M	28.30	43.50	-15.20	-9.07	3	Horizontal	-	-	-	37.37	18.30	1.06	28.43
PK	156.52M	27.53	43.50	-15.97	-8.99	3	Horizontal	-	-	-	36.52	18.35	1.10	28.44
PK	186.04M	30.38	43.50	-13.12	-11.22	3	Horizontal	-	-	-	41.60	16.00	1.25	28.47
PK	209.94M	25.49	43.50	-18.01	-11.94	3	Horizontal	-	-	-	37.43	15.20	1.35	28.49
PK	260.55M	26.22	46.00	-19.78	-9.48	3	Horizontal	-	-	-	35.70	17.54	1.46	28.48
PK	294.29M	24.77	46.00	-21.23	-8.32	3	Horizontal	-	-	-	33.09	18.59	1.57	28.48



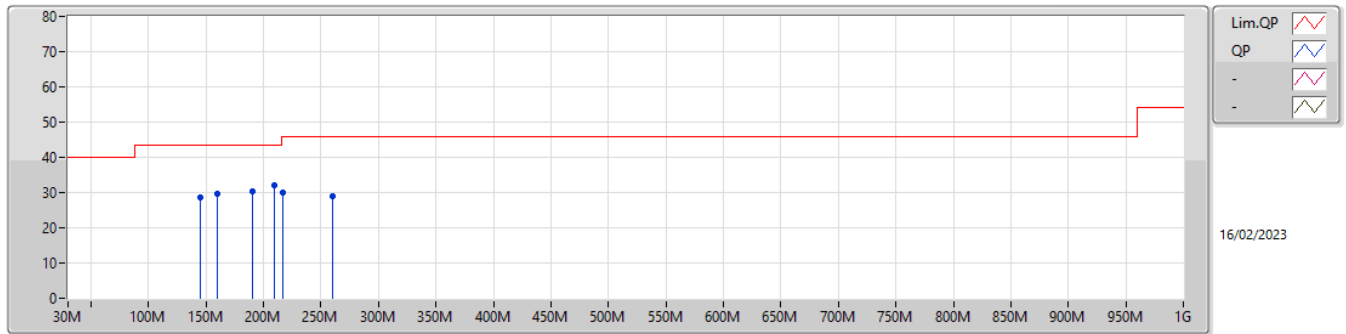
Mode 3



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	48.28M	33.01	40.00	-6.99	-8.15	3	Vertical	-	-	-	41.16	19.27	0.70	28.12
PK	145.28M	25.19	43.50	-18.31	-9.07	3	Vertical	-	-	-	34.26	18.30	1.06	28.43
PK	159.33M	29.70	43.50	-13.80	-9.04	3	Vertical	-	-	-	38.74	18.30	1.11	28.45
PK	188.86M	27.42	43.50	-16.08	-11.49	3	Vertical	-	-	-	38.91	15.73	1.26	28.48
PK	209.94M	28.57	43.50	-14.93	-11.94	3	Vertical	-	-	-	40.51	15.20	1.35	28.49
PK	216.97M	27.20	46.00	-18.80	-11.93	3	Vertical	-	-	-	39.13	15.20	1.36	28.49



Mode 3

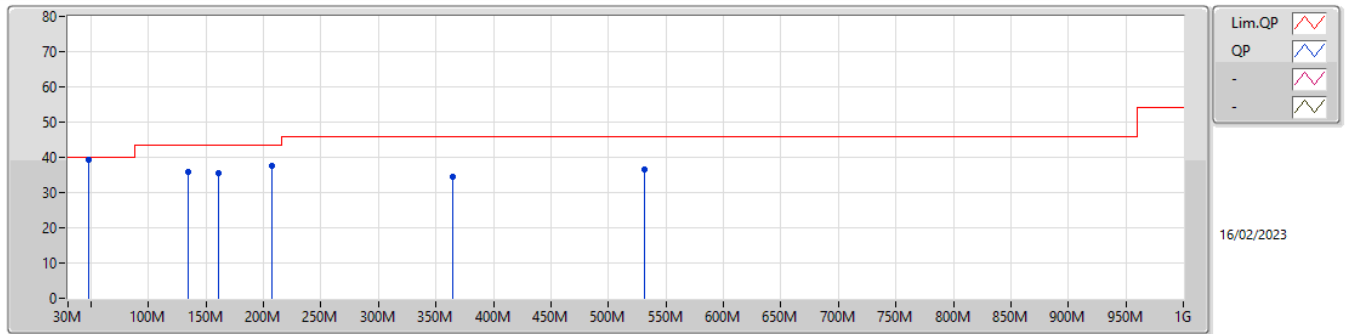


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	145.28M	28.65	43.50	-14.85	-9.07	3	Horizontal	-	-	-	37.72	18.30	1.06	28.43
PK	159.33M	29.61	43.50	-13.89	-9.04	3	Horizontal	-	-	-	38.65	18.30	1.11	28.45
PK	190.26M	30.51	43.50	-12.99	-11.54	3	Horizontal	-	-	-	42.05	15.67	1.27	28.48
PK	209.94M	32.20	43.50	-11.30	-11.94	3	Horizontal	-	-	-	44.14	15.20	1.35	28.49
PK	216.97M	30.07	46.00	-15.93	-11.93	3	Horizontal	-	-	-	42.00	15.20	1.36	28.49
PK	260.55M	29.06	46.00	-16.94	-9.48	3	Horizontal	-	-	-	38.54	17.54	1.46	28.48





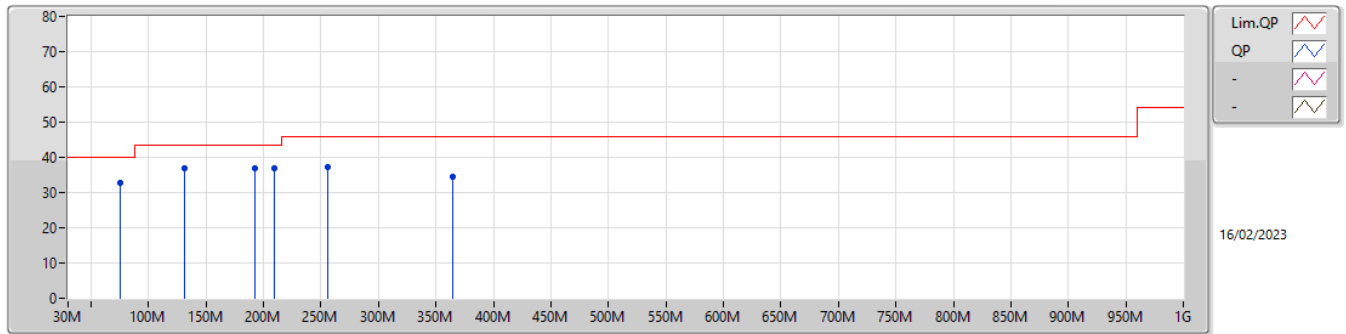
Mode 4



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	48.28M	39.46	40.00	-0.54	-8.15	3	Vertical	1	1.00	-	47.61	19.27	0.70	28.12
PK	134.03M	35.72	43.50	-7.78	-9.89	3	Vertical	-	-	-	45.61	17.50	1.03	28.42
PK	160.74M	35.59	43.50	-7.91	-9.04	3	Vertical	-	-	-	44.63	18.30	1.11	28.45
QP	207.13M	37.65	43.50	-5.85	-11.95	3	Vertical	15	1.00	-	49.60	15.20	1.34	28.49
PK	364.58M	34.52	46.00	-11.48	-6.70	3	Vertical	-	-	-	41.22	19.98	1.72	28.40
PK	531.87M	36.61	46.00	-9.39	-2.73	3	Vertical	-	-	-	39.34	23.40	2.11	28.24



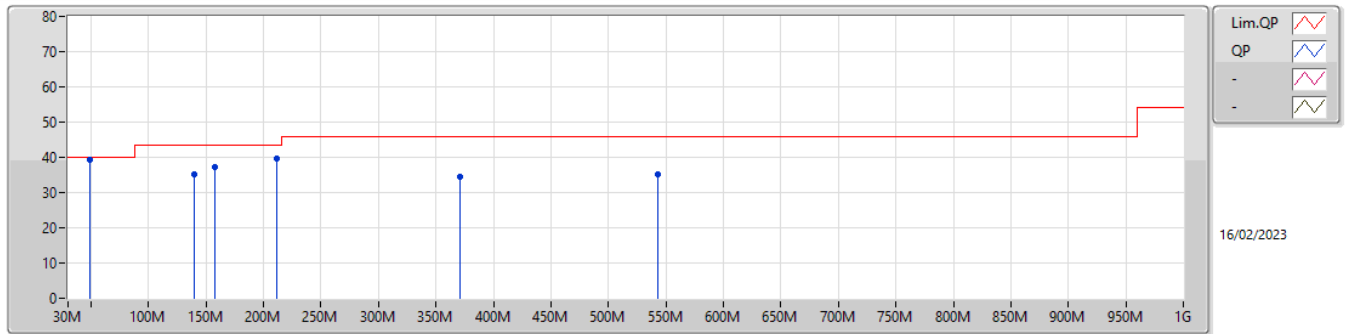
Mode 4



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	74.99M	32.85	40.00	-7.15	-12.31	3	Horizontal	-	-	-	45.16	15.10	0.84	28.25
PK	131.22M	36.95	43.50	-6.55	-10.13	3	Horizontal	-	-	-	47.08	17.26	1.02	28.41
QP	193.07M	36.96	43.50	-6.54	-11.60	3	Horizontal	129	1.51	-	48.56	15.59	1.29	28.48
QP	209.94M	36.86	43.50	-6.64	-11.94	3	Horizontal	119	1.74	-	48.80	15.20	1.35	28.49
PK	256.33M	37.18	46.00	-8.82	-9.76	3	Horizontal	-	-	-	46.94	17.28	1.44	28.48
PK	364.58M	34.54	46.00	-11.46	-6.70	3	Horizontal	-	-	-	41.24	19.98	1.72	28.40



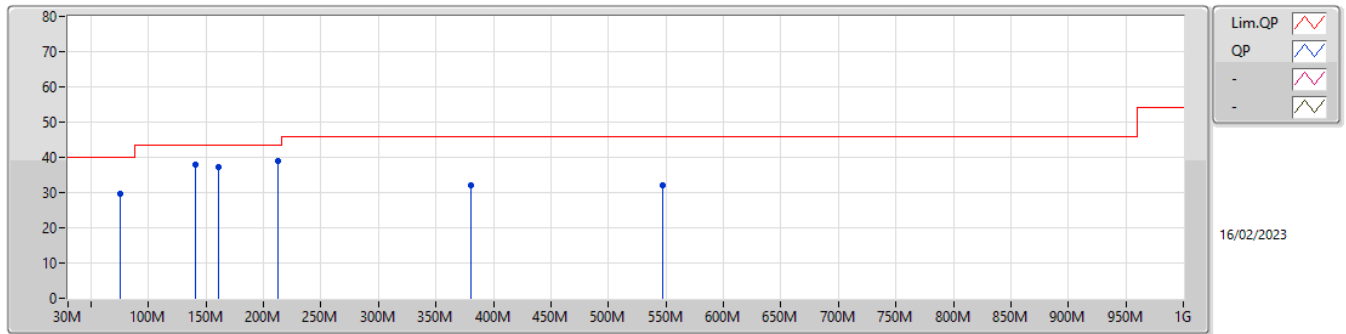
Mode 5



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	48.9M	39.27	40.00	-0.73	-8.21	3	Vertical	2	1.00	-	47.48	19.21	0.70	28.12
PK	139.61M	35.28	43.50	-8.22	-9.44	3	Vertical	-	-	-	44.72	17.94	1.04	28.42
PK	158.04M	37.18	43.50	-6.32	-8.94	3	Vertical	-	-	-	46.12	18.40	1.10	28.44
PK	211.39M	39.55	43.50	-3.95	-11.94	3	Vertical	-	-	-	51.49	15.20	1.35	28.49
PK	371.44M	34.47	46.00	-11.53	-6.39	3	Vertical	-	-	-	40.86	20.26	1.74	28.39
PK	543.13M	35.33	46.00	-10.67	-2.48	3	Vertical	-	-	-	37.81	23.63	2.13	28.24



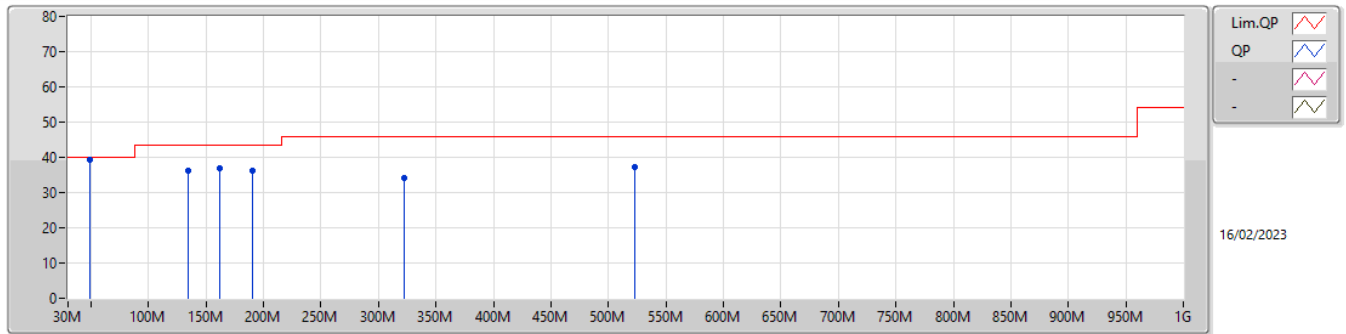
Mode 5



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	74.99M	29.53	40.00	-10.47	-12.31	3	Horizontal	-	-	-	41.84	15.10	0.84	28.25
PK	141.06M	37.85	43.50	-5.65	-9.28	3	Horizontal	-	-	-	47.13	18.11	1.04	28.43
PK	160.74M	37.37	43.50	-6.13	-9.04	3	Horizontal	-	-	-	46.41	18.30	1.11	28.45
PK	212.75M	38.96	43.50	-4.54	-11.94	3	Horizontal	-	-	-	50.90	15.20	1.35	28.49
PK	380.04M	32.19	46.00	-13.81	-6.02	3	Horizontal	-	-	-	38.21	20.60	1.76	28.38
PK	547.33M	32.16	46.00	-13.84	-2.35	3	Horizontal	-	-	-	34.51	23.75	2.14	28.24



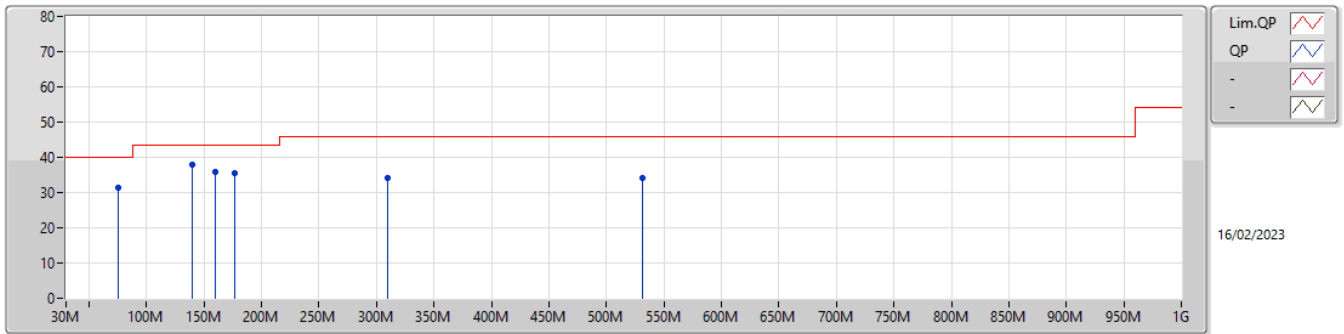
Mode 6



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	49.19M	39.25	40.00	-0.75	-8.25	3	Vertical	52	1.00	-	47.50	19.16	0.71	28.12
PK	134.03M	36.26	43.50	-7.24	-9.89	3	Vertical	-	-	-	46.15	17.50	1.03	28.42
PK	162.14M	36.87	43.50	-6.63	-9.22	3	Vertical	-	-	-	46.09	18.11	1.12	28.45
PK	190.26M	36.12	43.50	-7.38	-11.54	3	Vertical	-	-	-	47.66	15.67	1.27	28.48
PK	322.41M	34.09	46.00	-11.91	-7.52	3	Vertical	-	-	-	41.61	19.30	1.63	28.45
PK	523.43M	37.07	46.00	-8.93	-2.82	3	Vertical	-	-	-	39.89	23.33	2.09	28.24



Mode 6



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	74.99M	31.54	40.00	-8.46	-12.31	3	Horizontal	-	-	-	43.85	15.10	0.84	28.25
QP	139.65M	37.95	43.50	-5.55	-9.45	3	Horizontal	112	1.88	-	47.40	17.93	1.04	28.42
QP	159.33M	35.96	43.50	-7.54	-9.04	3	Horizontal	265	1.84	-	45.00	18.30	1.11	28.45
QP	176.2M	35.61	43.50	-7.89	-9.99	3	Horizontal	137	1.33	-	45.60	17.28	1.19	28.46
PK	309.75M	34.31	46.00	-11.69	-7.87	3	Horizontal	-	-	-	42.18	18.99	1.61	28.47
PK	531.87M	34.08	46.00	-11.92	-2.73	3	Horizontal	-	-	-	36.81	23.40	2.11	28.24



## Unwanted Emissions into Restricted Frequency Bands Above 1GHz Appendix D.3

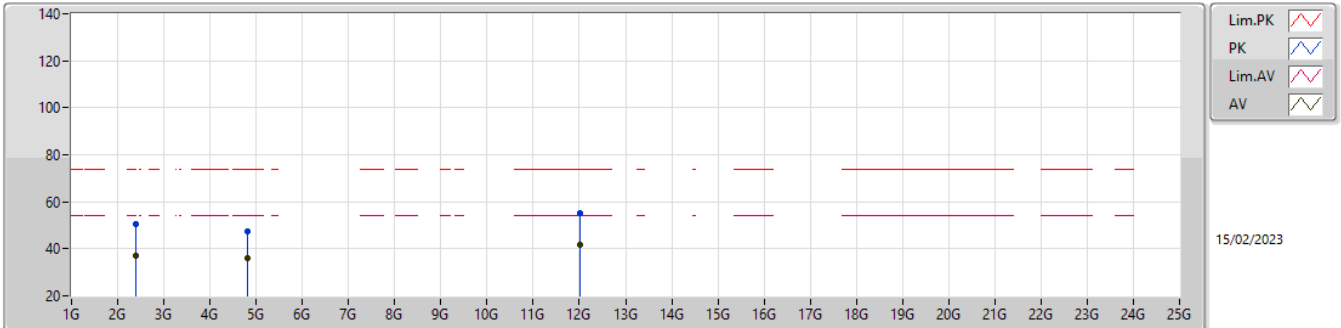
### Summary

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	12.01G	41.71	54.00	-12.29	3	Vertical	264	1.00	-
BT-LE(2Mbps)	Pass	AV	2.4835G	48.64	54.00	-5.36	3	Vertical	121	1.00	-



2.4-2.4835GHz\_BT-LE(1Mbps)

2402MHz\_TX



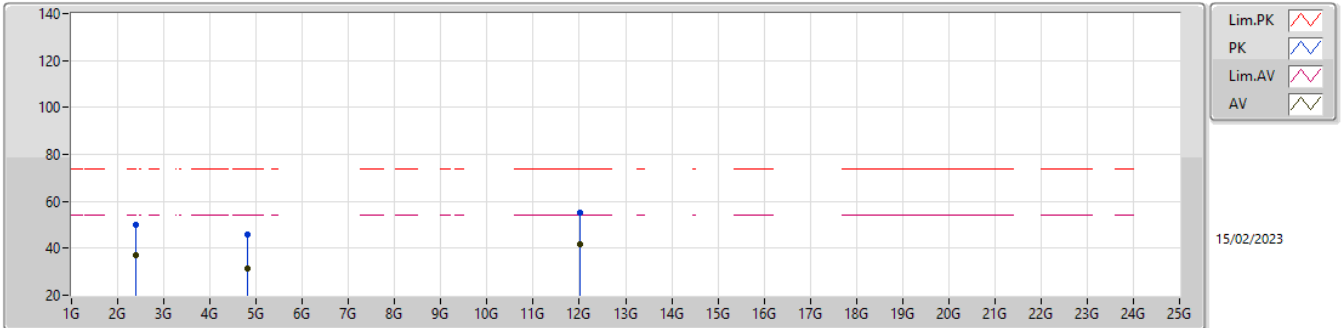
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	50.77	74.00	-23.23	55.42	3	Vertical	207	1.00	-	27.72	4.67	37.04
AV	2.39G	37.14	54.00	-16.86	41.79	3	Vertical	207	1.00	-	27.72	4.67	37.04
PK	4.804G	47.60	74.00	-26.40	48.12	3	Vertical	69	1.78	-	31.40	6.71	38.63
AV	4.804G	35.95	54.00	-18.05	36.47	3	Vertical	69	1.78	-	31.40	6.71	38.63
PK	12.01G	55.21	74.00	-18.79	49.08	3	Vertical	264	1.00	-	39.45	9.71	43.03
AV	12.01G	41.71	54.00	-12.29	35.58	3	Vertical	264	1.00	-	39.45	9.71	43.03





2.4-2.4835GHz\_BT-LE(1Mbps)

2402MHz\_TX

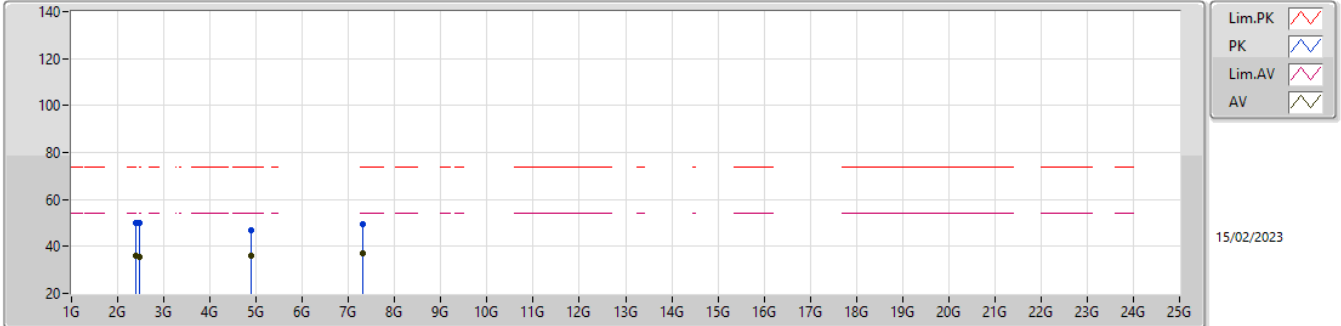


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	50.01	74.00	-23.99	54.66	3	Horizontal	207	1.00	-	27.72	4.67	37.04
AV	2.39G	37.00	54.00	-17.00	41.65	3	Horizontal	207	1.00	-	27.72	4.67	37.04
PK	4.804G	45.70	74.00	-28.30	46.22	3	Horizontal	288	1.00	-	31.40	6.71	38.63
AV	4.804G	31.61	54.00	-22.39	32.13	3	Horizontal	288	1.00	-	31.40	6.71	38.63
PK	12.01G	55.21	74.00	-18.79	49.08	3	Horizontal	158	1.00	-	39.45	9.71	43.03
AV	12.01G	41.59	54.00	-12.41	35.46	3	Horizontal	158	1.00	-	39.45	9.71	43.03



2.4-2.4835GHz\_BT-LE(1Mbps)

2440MHz\_TX

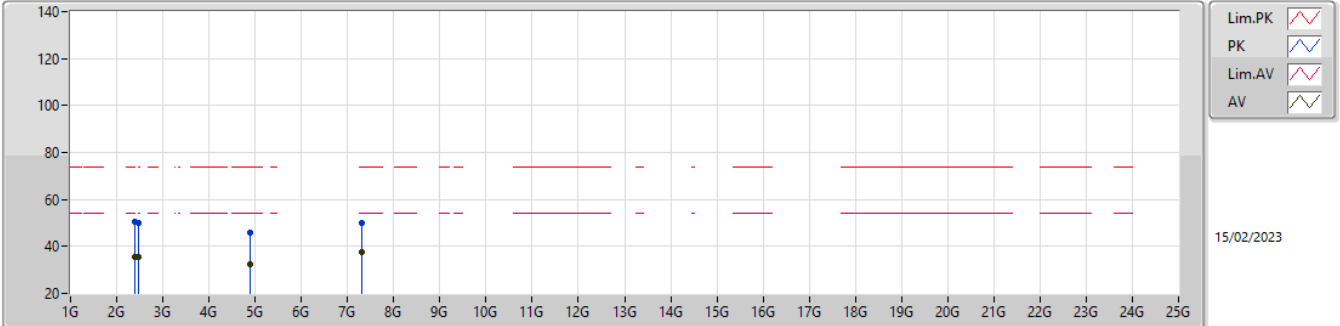


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	49.92	74.00	-24.08	54.57	3	Vertical	120	1.00	-	27.72	4.67	37.04
AV	2.39G	36.00	54.00	-18.00	40.65	3	Vertical	120	1.00	-	27.72	4.67	37.04
PK	2.4835G	49.78	74.00	-24.22	54.67	3	Vertical	120	1.00	-	27.50	4.73	37.12
AV	2.4835G	35.70	54.00	-18.30	40.59	3	Vertical	120	1.00	-	27.50	4.73	37.12
PK	4.88G	46.75	74.00	-27.25	47.29	3	Vertical	73	1.79	-	31.40	6.74	38.68
AV	4.88G	35.85	54.00	-18.15	36.39	3	Vertical	73	1.79	-	31.40	6.74	38.68
PK	7.32G	49.24	74.00	-24.76	44.05	3	Vertical	281	1.00	-	36.46	8.23	39.50
AV	7.32G	37.02	54.00	-16.98	31.83	3	Vertical	281	1.00	-	36.46	8.23	39.50



2.4-2.4835GHz\_BT-LE(1Mbps)

2440MHz\_TX

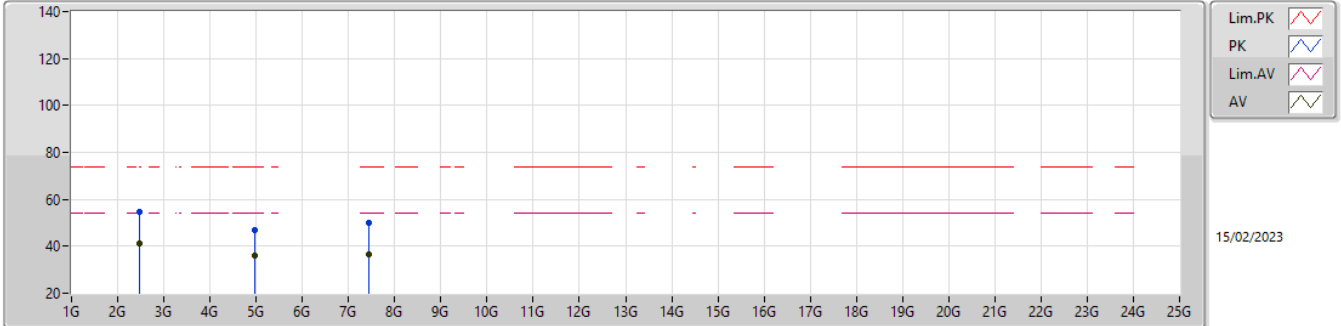


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	50.36	74.00	-23.64	55.01	3	Horizontal	108	1.22	-	27.72	4.67	37.04
AV	2.39G	35.75	54.00	-18.25	40.40	3	Horizontal	108	1.22	-	27.72	4.67	37.04
PK	2.4835G	49.80	74.00	-24.20	54.69	3	Horizontal	108	1.22	-	27.50	4.73	37.12
AV	2.4835G	35.64	54.00	-18.36	40.53	3	Horizontal	108	1.22	-	27.50	4.73	37.12
PK	4.88G	45.61	74.00	-28.39	46.15	3	Horizontal	310	1.00	-	31.40	6.74	38.68
AV	4.88G	32.26	54.00	-21.74	32.80	3	Horizontal	310	1.00	-	31.40	6.74	38.68
PK	7.32G	49.81	74.00	-24.19	44.62	3	Horizontal	88	1.00	-	36.46	8.23	39.50
AV	7.32G	37.74	54.00	-16.26	32.55	3	Horizontal	88	1.00	-	36.46	8.23	39.50



2.4-2.4835GHz\_BT-LE(1Mbps)

2480MHz\_TX

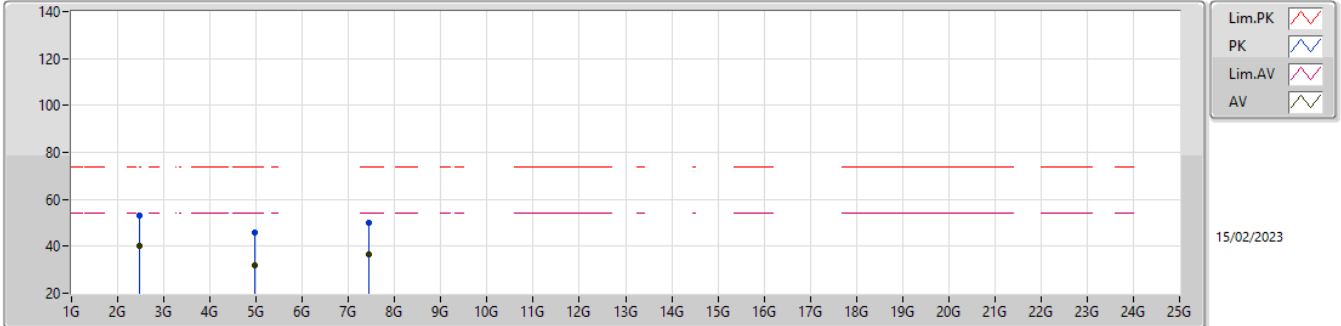


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4835G	54.45	74.00	-19.55	59.34	3	Vertical	121	1.00	-	27.50	4.73	37.12
AV	2.4835G	41.11	54.00	-12.89	46.00	3	Vertical	121	1.00	-	27.50	4.73	37.12
PK	4.96G	47.06	74.00	-26.94	47.50	3	Vertical	71	1.82	-	31.52	6.77	38.73
AV	4.96G	36.13	54.00	-17.87	36.57	3	Vertical	71	1.82	-	31.52	6.77	38.73
PK	7.44G	49.84	74.00	-24.16	44.73	3	Vertical	213	1.00	-	36.48	8.28	39.65
AV	7.44G	36.55	54.00	-17.45	31.44	3	Vertical	213	1.00	-	36.48	8.28	39.65



2.4-2.4835GHz\_BT-LE(1Mbps)

2480MHz\_TX

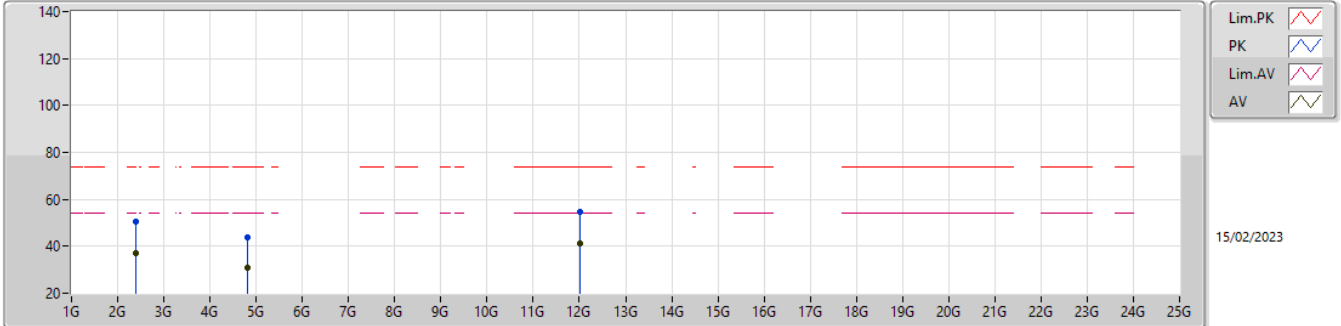


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4835G	53.28	74.00	-20.72	58.17	3	Horizontal	105	1.19	-	27.50	4.73	37.12
AV	2.4835G	40.30	54.00	-13.70	45.19	3	Horizontal	105	1.19	-	27.50	4.73	37.12
PK	4.96G	46.12	74.00	-27.88	46.56	3	Horizontal	228	1.00	-	31.52	6.77	38.73
AV	4.96G	32.02	54.00	-21.98	32.46	3	Horizontal	228	1.00	-	31.52	6.77	38.73
PK	7.44G	49.90	74.00	-24.10	44.79	3	Horizontal	144	1.00	-	36.48	8.28	39.65
AV	7.44G	36.59	54.00	-17.41	31.48	3	Horizontal	144	1.00	-	36.48	8.28	39.65



2.4-2.4835GHz\_BT-LE(2Mbps)

2402MHz\_TX

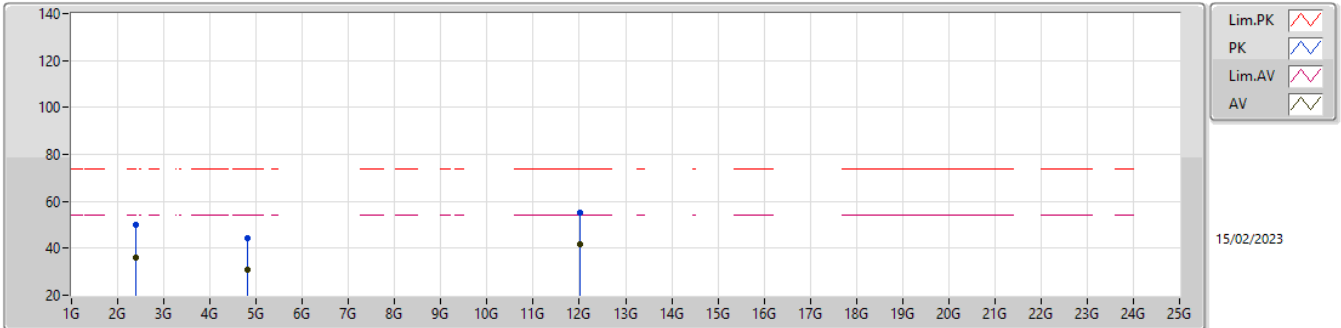


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	50.54	74.00	-23.46	55.19	3	Vertical	78	1.00	-	27.72	4.67	37.04
AV	2.39G	37.20	54.00	-16.80	41.85	3	Vertical	78	1.00	-	27.72	4.67	37.04
PK	4.804G	43.75	74.00	-30.25	44.27	3	Vertical	256	1.00	-	31.40	6.71	38.63
AV	4.804G	30.61	54.00	-23.39	31.13	3	Vertical	256	1.00	-	31.40	6.71	38.63
PK	12.01G	54.89	74.00	-19.11	48.76	3	Vertical	221	1.00	-	39.45	9.71	43.03
AV	12.01G	41.45	54.00	-12.55	35.32	3	Vertical	221	1.00	-	39.45	9.71	43.03



2.4-2.4835GHz\_BT-LE(2Mbps)

2402MHz\_TX

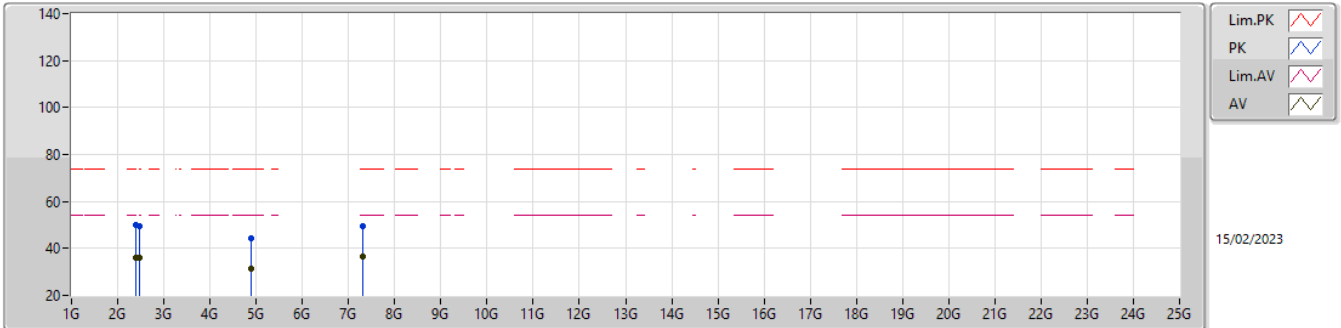


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	50.22	74.00	-23.78	54.87	3	Horizontal	217	1.00	-	27.72	4.67	37.04
AV	2.39G	36.14	54.00	-17.86	40.79	3	Horizontal	217	1.00	-	27.72	4.67	37.04
PK	4.804G	44.15	74.00	-29.85	44.67	3	Horizontal	113	1.00	-	31.40	6.71	38.63
AV	4.804G	30.83	54.00	-23.17	31.35	3	Horizontal	113	1.00	-	31.40	6.71	38.63
PK	12.01G	54.96	74.00	-19.04	48.83	3	Horizontal	220	1.00	-	39.45	9.71	43.03
AV	12.01G	41.55	54.00	-12.45	35.42	3	Horizontal	220	1.00	-	39.45	9.71	43.03



2.4-2.4835GHz\_BT-LE(2Mbps)

2440MHz\_TX



Legend for the spectrum plot:

- Lim.PK (Red dashed line)
- PK (Blue solid line)
- Lim.AV (Pink dashed line)
- AV (Pink solid line)

15/02/2023

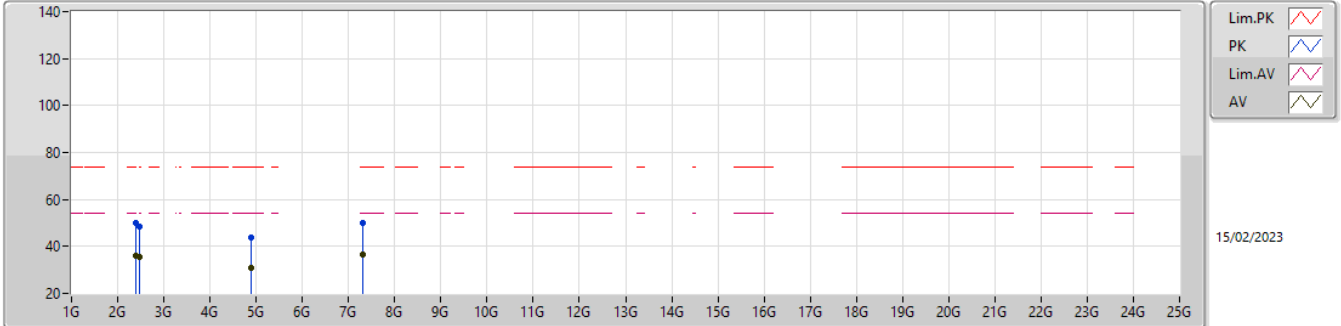
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	50.20	74.00	-23.80	54.85	3	Vertical	120	1.00	-	27.72	4.67	37.04
AV	2.39G	36.11	54.00	-17.89	40.76	3	Vertical	120	1.00	-	27.72	4.67	37.04
PK	2.4835G	49.27	74.00	-24.73	54.16	3	Vertical	120	1.00	-	27.50	4.73	37.12
AV	2.4835G	35.80	54.00	-18.20	40.69	3	Vertical	120	1.00	-	27.50	4.73	37.12
PK	4.88G	44.28	74.00	-29.72	44.82	3	Vertical	173	1.00	-	31.40	6.74	38.68
AV	4.88G	31.13	54.00	-22.87	31.67	3	Vertical	173	1.00	-	31.40	6.74	38.68
PK	7.32G	49.32	74.00	-24.68	44.13	3	Vertical	76	1.00	-	36.46	8.23	39.50
AV	7.32G	36.80	54.00	-17.20	31.61	3	Vertical	76	1.00	-	36.46	8.23	39.50





2.4-2.4835GHz\_BT-LE(2Mbps)

2440MHz\_TX

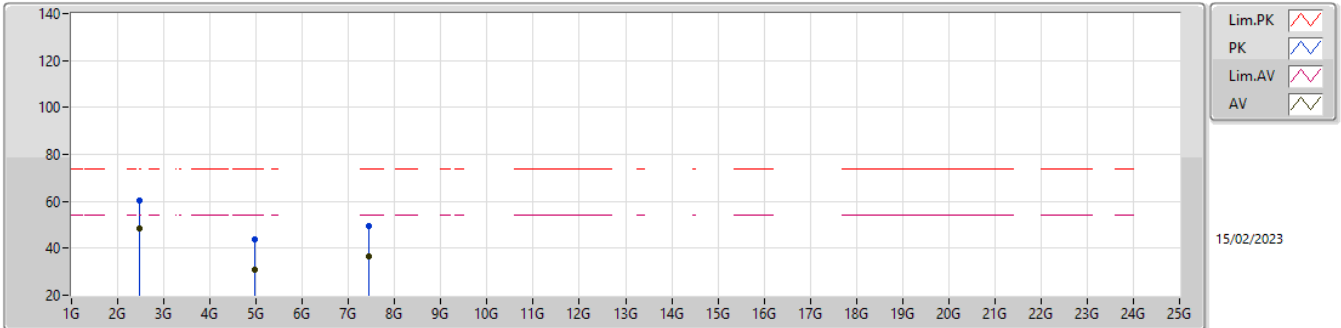


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.39G	50.04	74.00	-23.96	54.69	3	Horizontal	108	1.21	-	27.72	4.67	37.04
AV	2.39G	35.84	54.00	-18.16	40.49	3	Horizontal	108	1.21	-	27.72	4.67	37.04
PK	2.4835G	48.53	74.00	-25.47	53.42	3	Horizontal	108	1.21	-	27.50	4.73	37.12
AV	2.4835G	35.60	54.00	-18.40	40.49	3	Horizontal	108	1.21	-	27.50	4.73	37.12
PK	4.88G	43.73	74.00	-30.27	44.27	3	Horizontal	244	1.00	-	31.40	6.74	38.68
AV	4.88G	30.62	54.00	-23.38	31.16	3	Horizontal	244	1.00	-	31.40	6.74	38.68
PK	7.32G	49.75	74.00	-24.25	44.56	3	Horizontal	283	1.00	-	36.46	8.23	39.50
AV	7.32G	36.63	54.00	-17.37	31.44	3	Horizontal	283	1.00	-	36.46	8.23	39.50



2.4-2.4835GHz\_BT-LE(2Mbps)

2480MHz\_TX

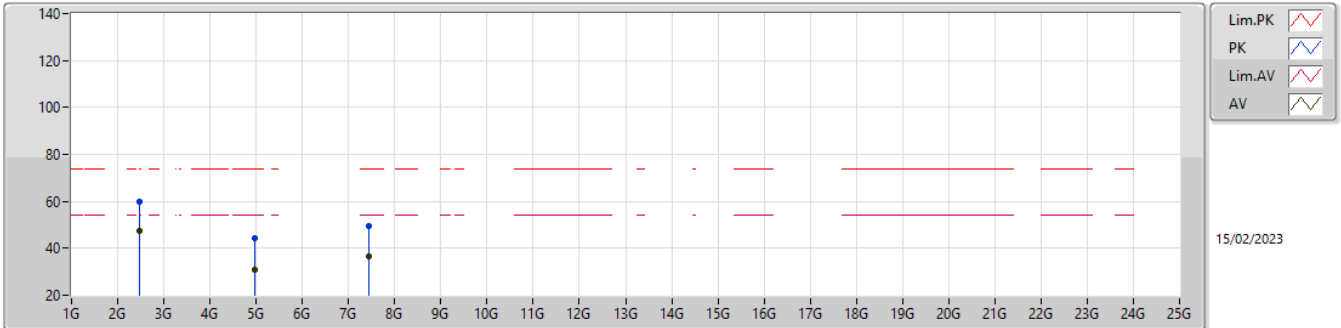


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4835G	60.45	74.00	-13.55	65.34	3	Vertical	121	1.00	-	27.50	4.73	37.12
AV	2.4835G	48.64	54.00	-5.36	53.53	3	Vertical	121	1.00	-	27.50	4.73	37.12
PK	4.96G	43.95	74.00	-30.05	44.39	3	Vertical	135	1.00	-	31.52	6.77	38.73
AV	4.96G	30.83	54.00	-23.17	31.27	3	Vertical	135	1.00	-	31.52	6.77	38.73
PK	7.44G	49.63	74.00	-24.37	44.52	3	Vertical	288	1.00	-	36.48	8.28	39.65
AV	7.44G	36.48	54.00	-17.52	31.37	3	Vertical	288	1.00	-	36.48	8.28	39.65

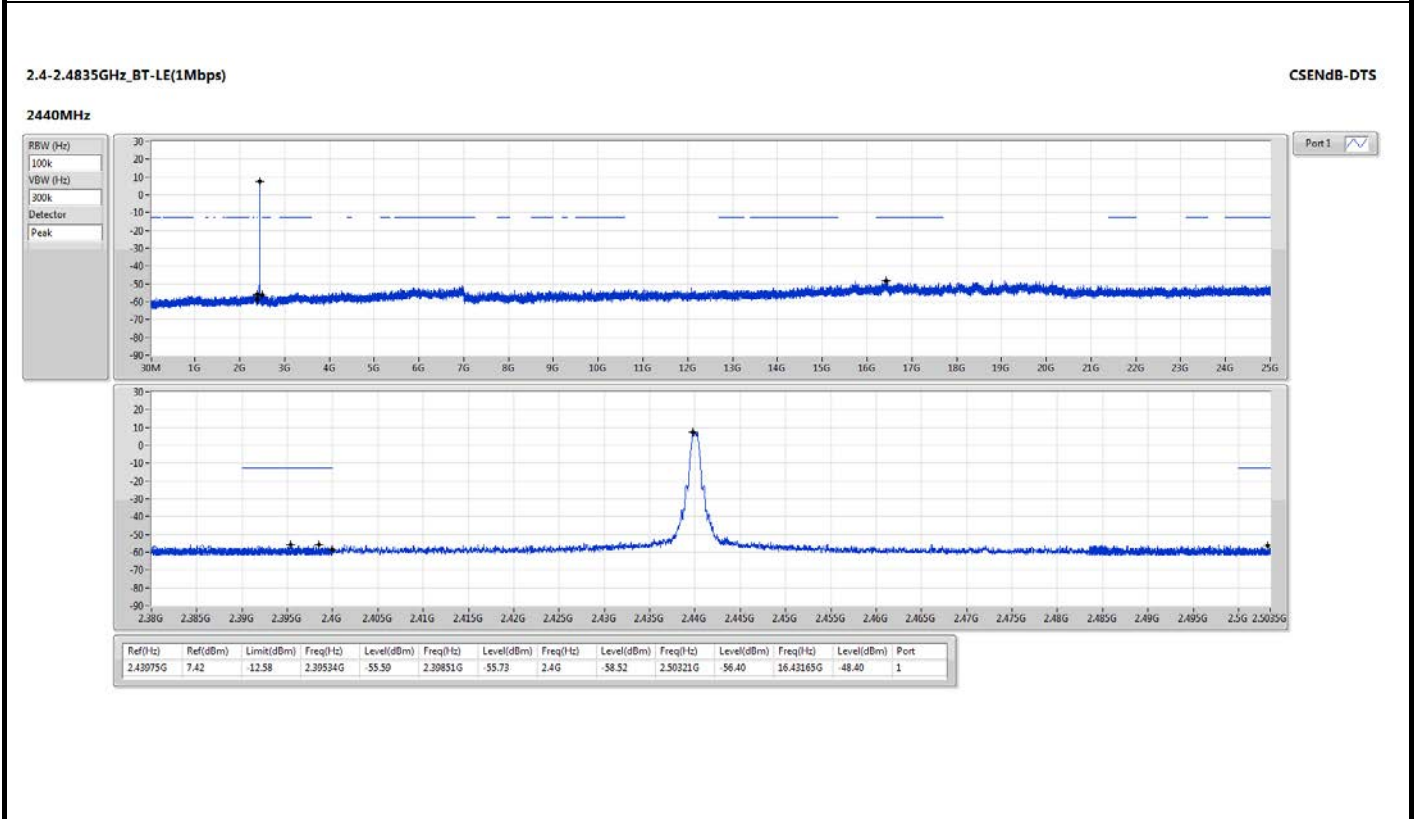
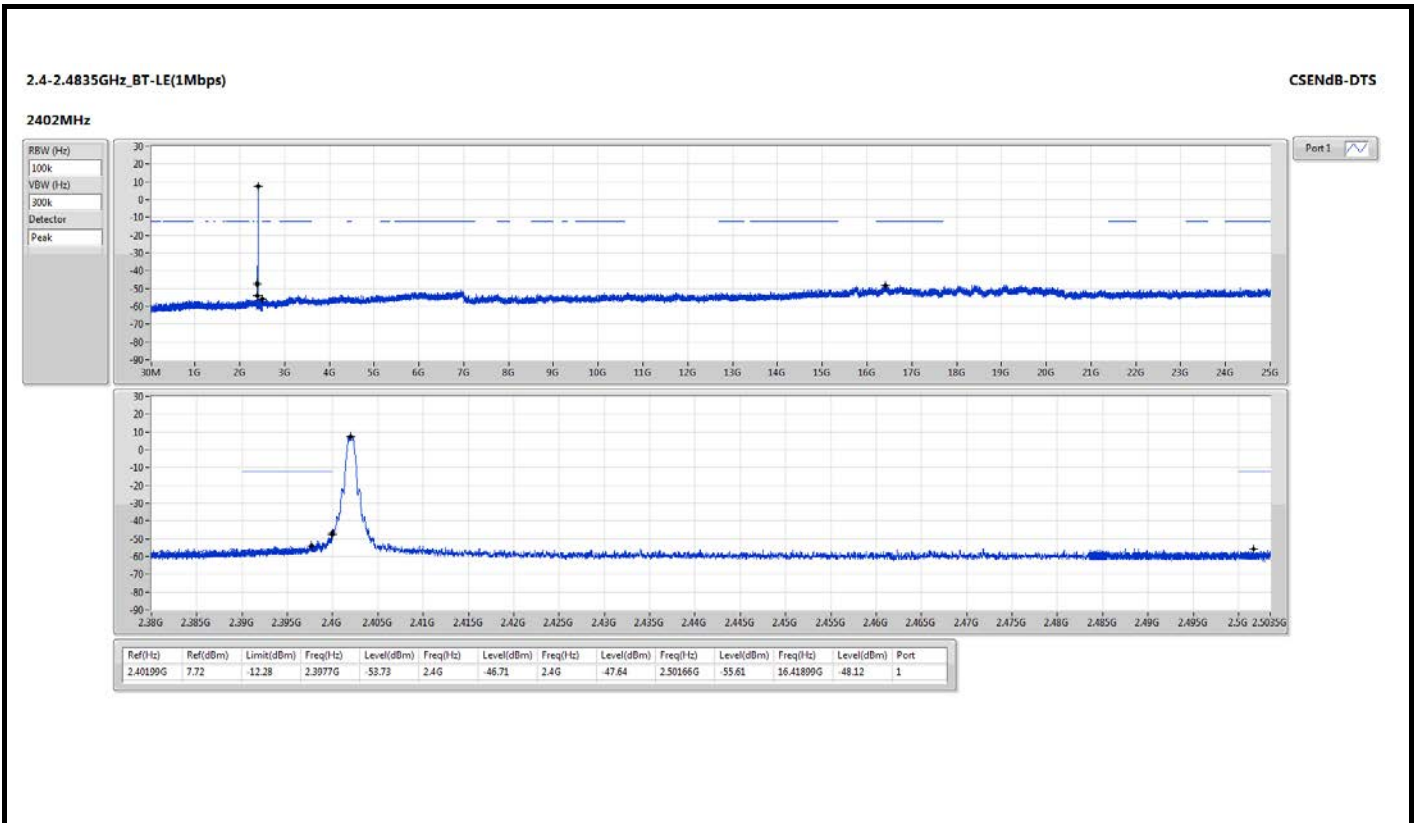


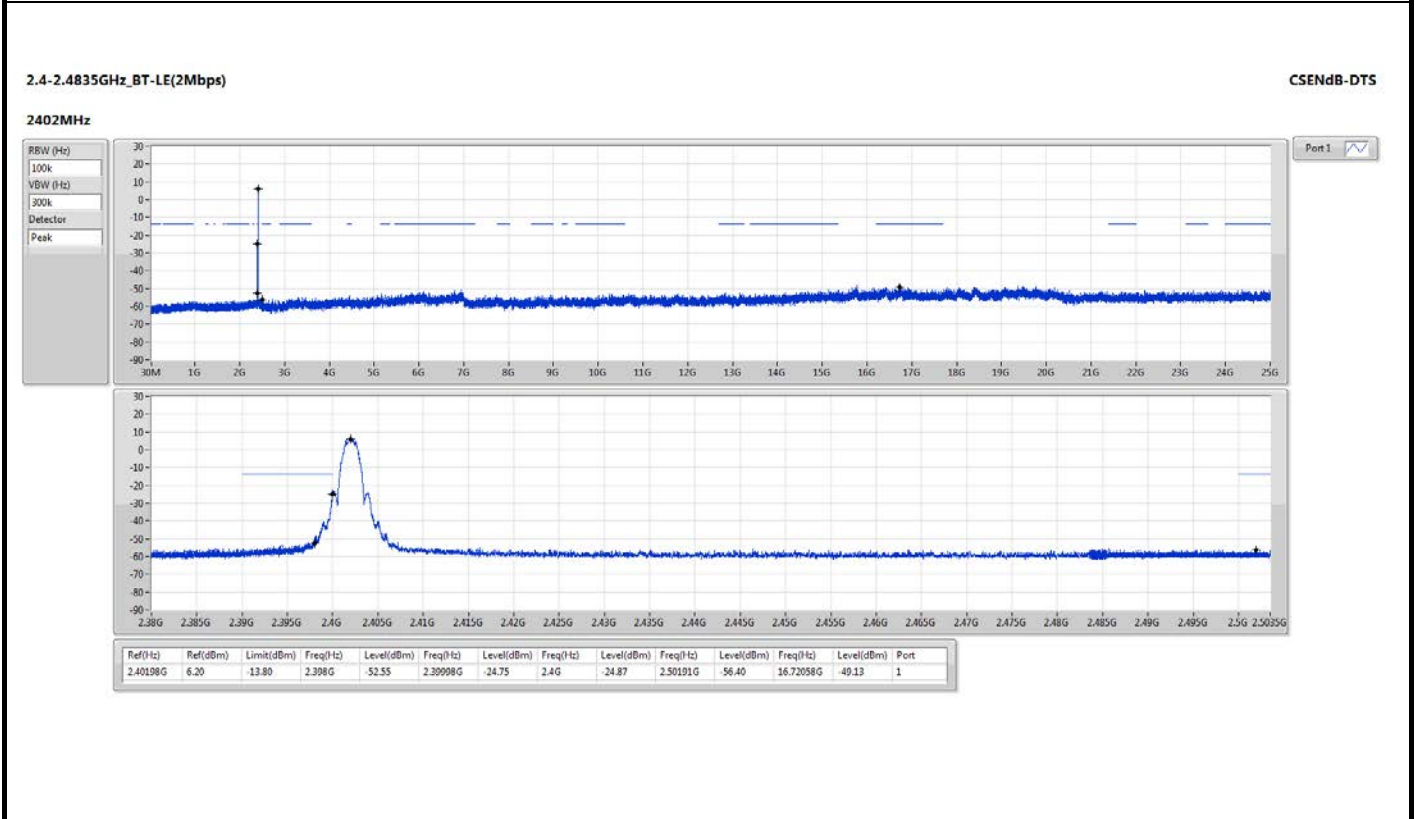
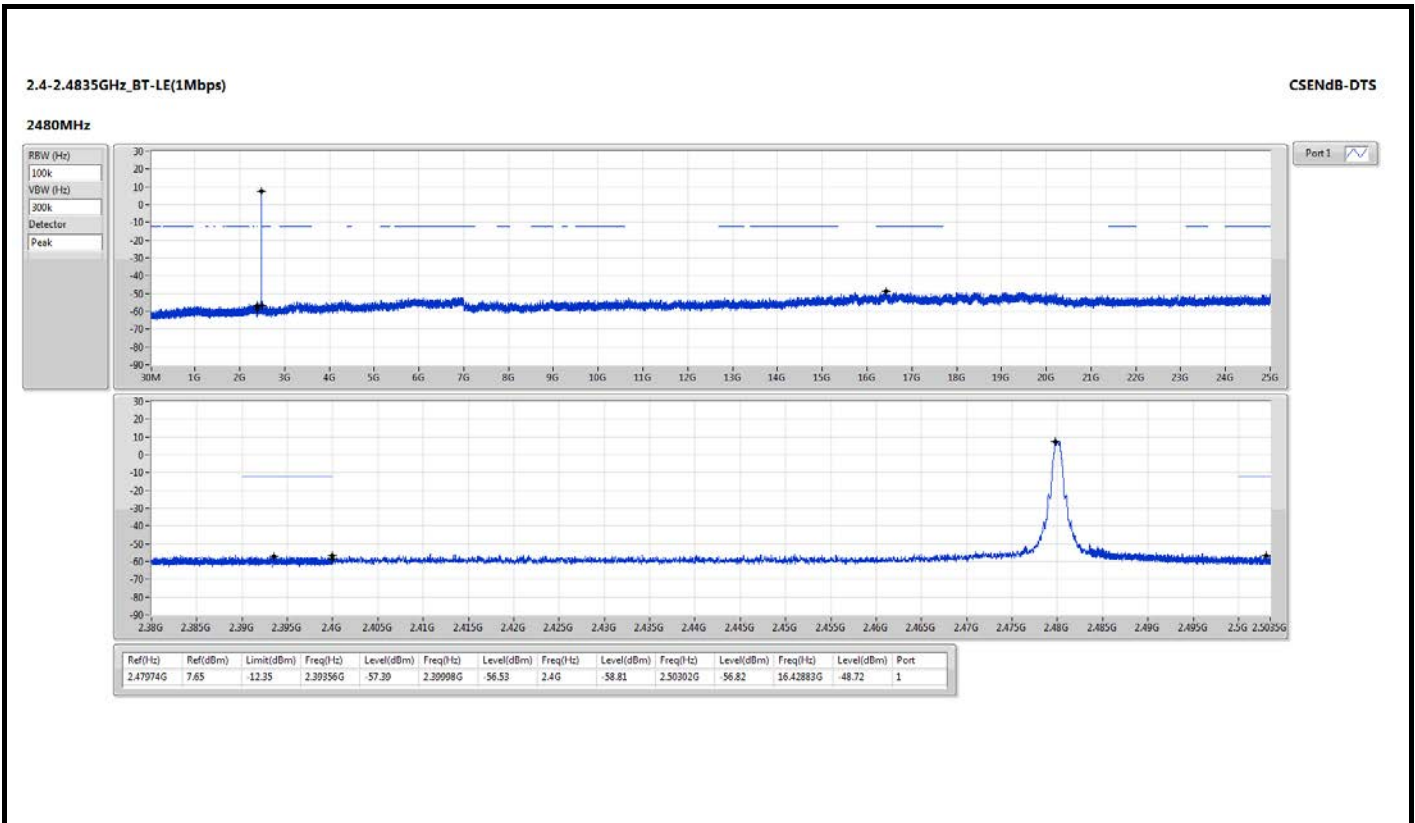
2.4-2.4835GHz\_BT-LE(2Mbps)

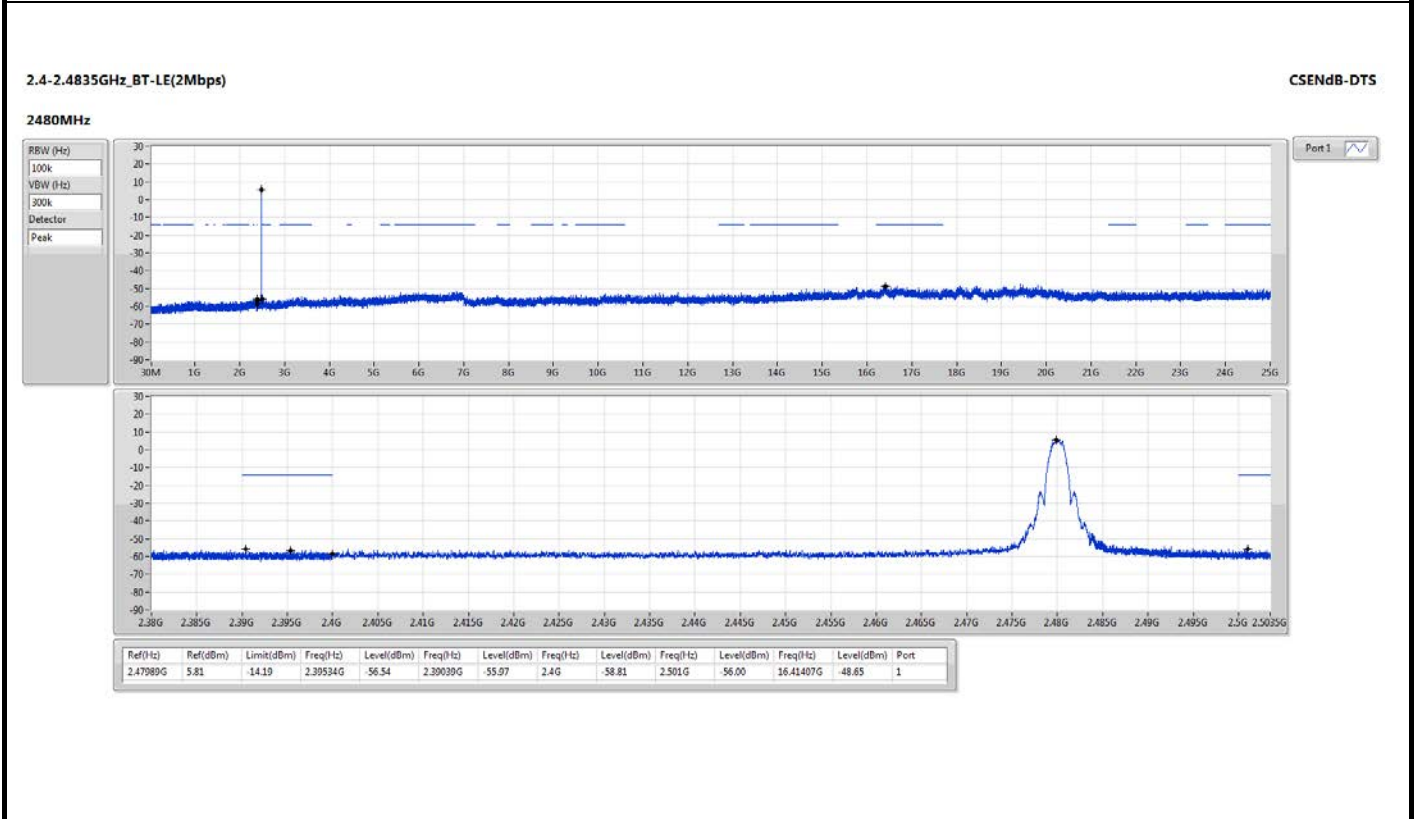
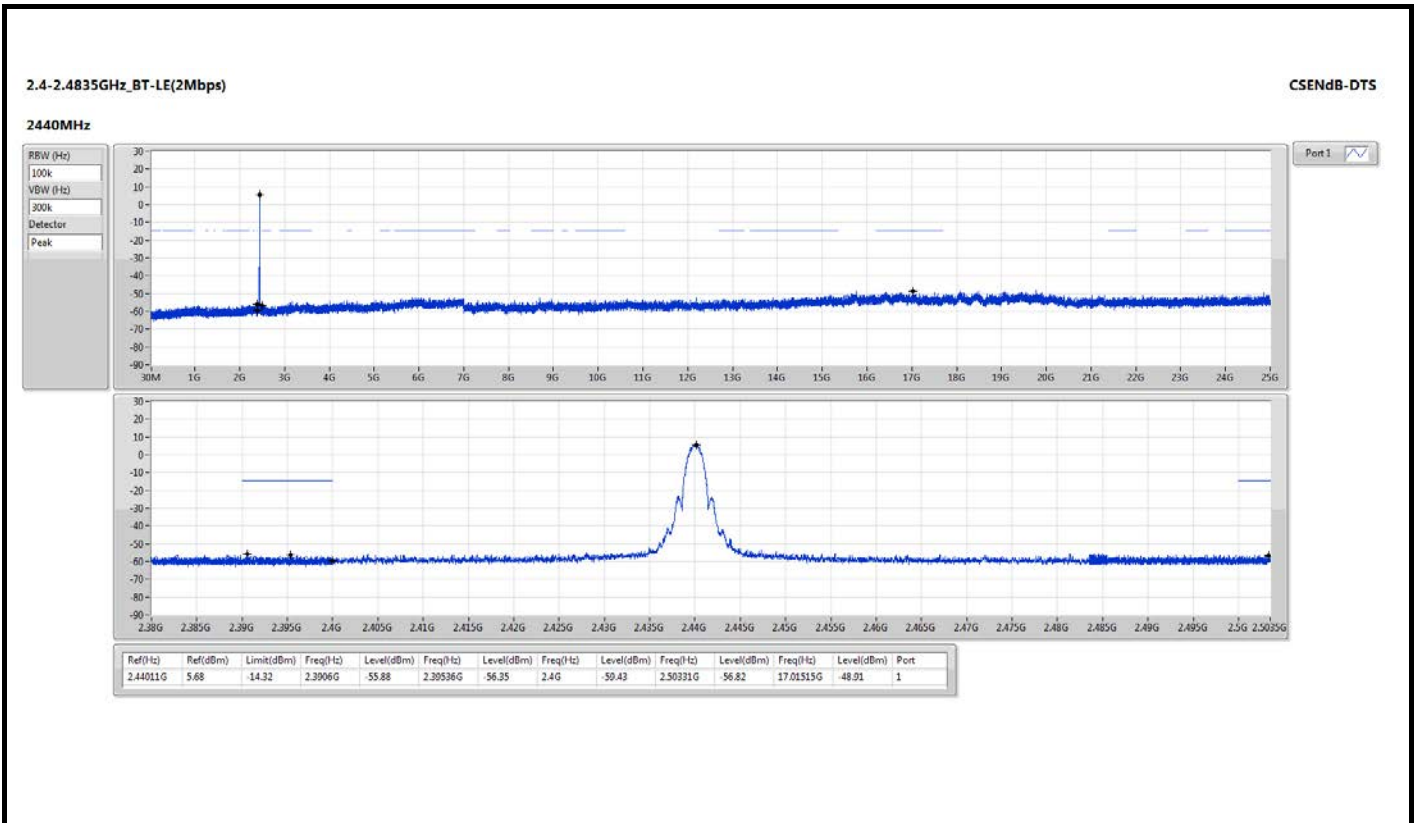
2480MHz\_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	2.4835G	59.65	74.00	-14.35	64.54	3	Horizontal	107	1.18	-	27.50	4.73	37.12
AV	2.4835G	47.57	54.00	-6.43	52.46	3	Horizontal	107	1.18	-	27.50	4.73	37.12
PK	4.96G	44.26	74.00	-29.74	44.70	3	Horizontal	144	1.00	-	31.52	6.77	38.73
AV	4.96G	30.78	54.00	-23.22	31.22	3	Horizontal	144	1.00	-	31.52	6.77	38.73
PK	7.44G	49.64	74.00	-24.36	44.53	3	Horizontal	279	1.00	-	36.48	8.28	39.65
AV	7.44G	36.37	54.00	-17.63	31.26	3	Horizontal	279	1.00	-	36.48	8.28	39.65





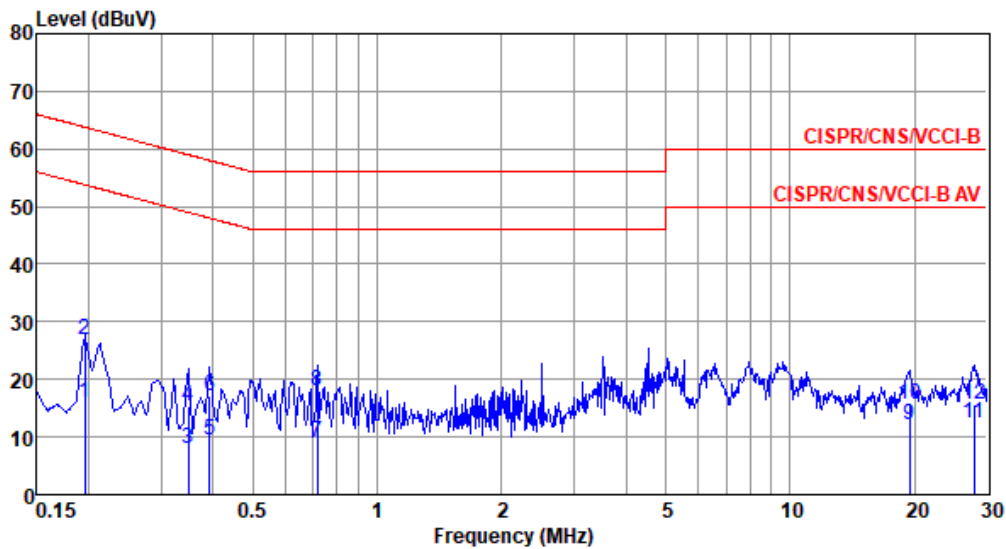




Mode 1

Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402
Power Phase	Line		

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.195	15.85	53.80	-37.95	5.92	9.68	0.06	0.19	Average
2	0.195	26.94	63.80	-36.86	17.01	9.68	0.06	0.19	QP
3	0.348	7.86	49.00	-41.14	-2.15	9.67	0.06	0.28	Average
4	0.348	15.26	59.00	-43.74	5.25	9.67	0.06	0.28	QP
5	0.393	9.40	47.99	-38.59	-0.63	9.67	0.06	0.30	Average
6	0.393	17.09	57.99	-40.90	7.06	9.67	0.06	0.30	QP
7*	0.716	9.19	46.00	-36.81	-0.90	9.68	0.09	0.32	Average
8	0.716	17.98	56.00	-38.02	7.89	9.68	0.09	0.32	QP
9	19.428	12.00	50.00	-38.00	1.25	9.73	0.50	0.52	Average
10	19.428	15.58	60.00	-44.42	4.83	9.73	0.50	0.52	QP
11	27.855	12.36	50.00	-37.64	1.35	9.68	0.59	0.74	Average
12	27.855	15.67	60.00	-44.33	4.66	9.68	0.59	0.74	QP

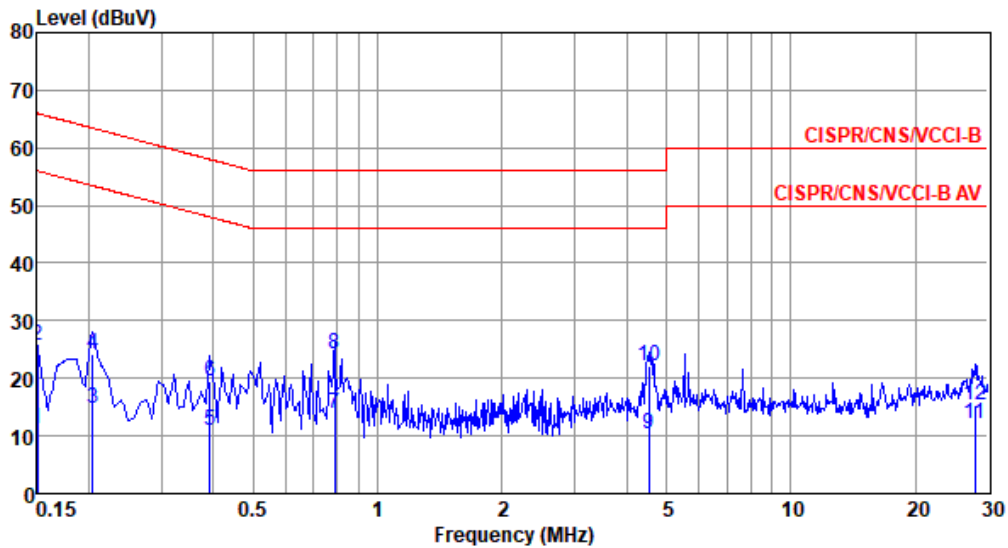
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).





Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	11.13	56.00	-44.87	1.28	9.61	0.06	0.18	Average
2	0.150	25.62	66.00	-40.38	15.77	9.61	0.06	0.18	QP
3	0.204	14.76	53.45	-38.69	4.90	9.61	0.06	0.19	Average
4	0.204	24.15	63.45	-39.30	14.29	9.61	0.06	0.19	QP
5	0.393	10.88	47.99	-37.11	0.91	9.61	0.06	0.30	Average
6	0.393	19.46	57.99	-38.53	9.49	9.61	0.06	0.30	QP
7	0.788	13.79	46.00	-32.21	3.76	9.61	0.10	0.32	Average
8*	0.788	24.09	56.00	-31.91	14.06	9.61	0.10	0.32	QP
9	4.525	10.31	46.00	-35.69	0.04	9.65	0.20	0.42	Average
10	4.525	22.27	56.00	-33.73	12.00	9.65	0.20	0.42	QP
11	27.855	12.12	50.00	-37.88	1.02	9.77	0.59	0.74	Average
12	27.855	15.38	60.00	-44.62	4.28	9.77	0.59	0.74	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).

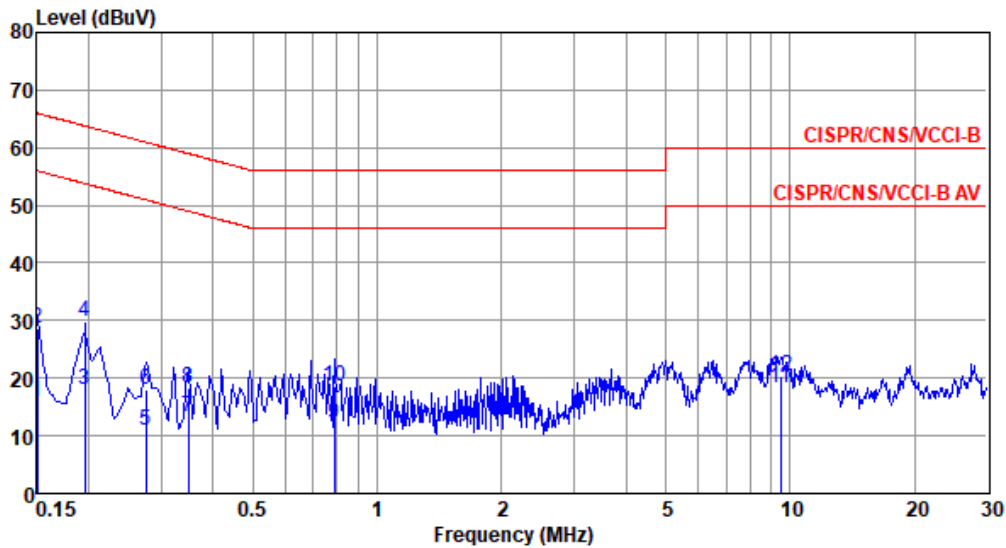




Mode 2

Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402
Power Phase	Line		

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



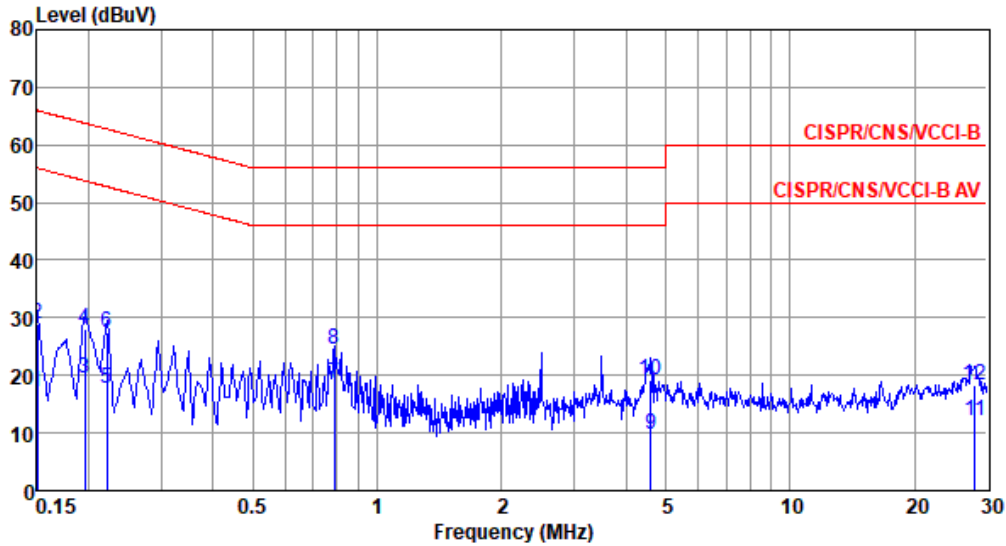
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	15.96	56.00	-40.04	6.04	9.68	0.06	0.18	Average
2	0.150	28.61	66.00	-37.39	18.69	9.68	0.06	0.18	QP
3	0.195	17.87	53.80	-35.93	7.94	9.68	0.06	0.19	Average
4	0.195	29.70	63.80	-34.10	19.77	9.68	0.06	0.19	QP
5	0.276	10.90	50.94	-40.04	0.92	9.68	0.06	0.24	Average
6	0.276	18.12	60.94	-42.82	8.14	9.68	0.06	0.24	QP
7	0.348	13.43	49.00	-35.57	3.42	9.67	0.06	0.28	Average
8	0.348	18.38	59.00	-40.62	8.37	9.67	0.06	0.28	QP
9	0.788	12.05	46.00	-33.95	1.95	9.68	0.10	0.32	Average
10	0.788	18.60	56.00	-37.40	8.50	9.68	0.10	0.32	QP
11*	9.502	18.31	50.00	-31.69	7.78	9.74	0.35	0.44	Average
12	9.502	20.37	60.00	-39.63	9.84	9.74	0.35	0.44	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	16.99	56.00	-39.01	7.14	9.61	0.06	0.18	Average
2	0.150	28.89	66.00	-37.11	19.04	9.61	0.06	0.18	QP
3	0.195	19.41	53.80	-34.39	9.55	9.61	0.06	0.19	Average
4	0.195	27.95	63.80	-35.85	18.09	9.61	0.06	0.19	QP
5	0.222	17.68	52.74	-35.06	7.80	9.61	0.06	0.21	Average
6	0.222	27.31	62.74	-35.43	17.43	9.61	0.06	0.21	QP
7*	0.788	18.53	46.00	-27.47	8.50	9.61	0.10	0.32	Average
8	0.788	24.60	56.00	-31.40	14.57	9.61	0.10	0.32	QP
9	4.598	9.65	46.00	-36.35	-0.63	9.65	0.21	0.42	Average
10	4.598	19.09	56.00	-36.91	8.81	9.65	0.21	0.42	QP
11	28.003	12.20	50.00	-37.80	1.09	9.77	0.59	0.75	Average
12	28.003	18.19	60.00	-41.81	7.08	9.77	0.59	0.75	QP

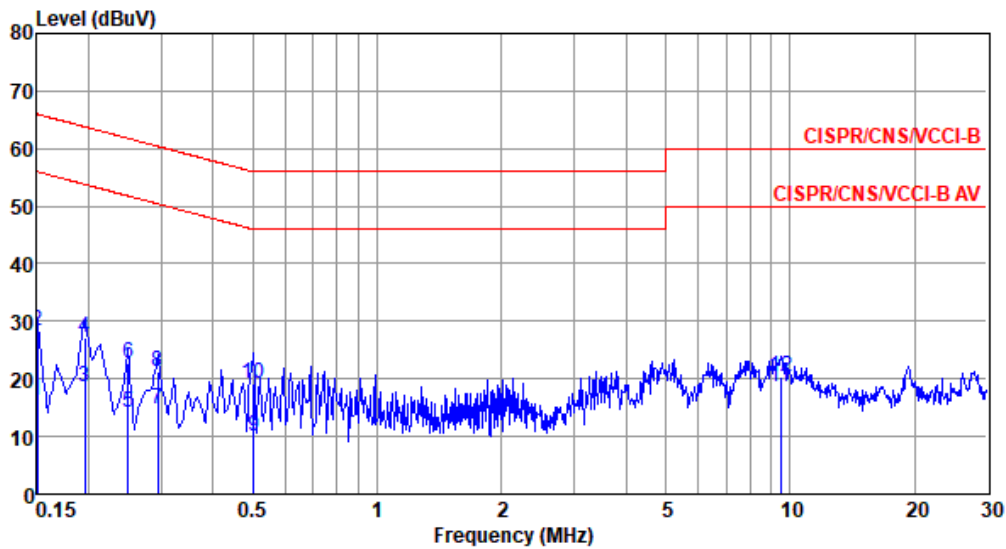
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Mode 3

Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402
Power Phase	Line		

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



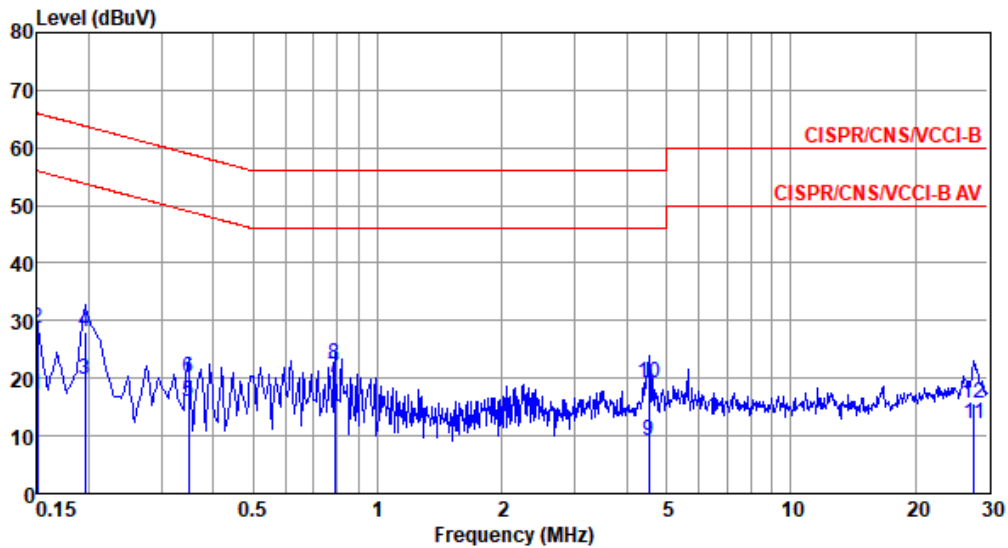
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	16.27	56.00	-39.73	6.35	9.68	0.06	0.18	Average
2	0.150	28.25	66.00	-37.75	18.33	9.68	0.06	0.18	QP
3	0.195	18.64	53.80	-35.16	8.71	9.68	0.06	0.19	Average
4	0.195	27.23	63.80	-36.57	17.30	9.68	0.06	0.19	QP
5	0.249	14.30	51.78	-37.48	4.33	9.68	0.06	0.23	Average
6	0.249	22.71	61.78	-39.07	12.74	9.68	0.06	0.23	QP
7	0.294	14.65	50.41	-35.76	4.67	9.67	0.06	0.25	Average
8	0.294	21.14	60.41	-39.27	11.16	9.67	0.06	0.25	QP
9	0.502	9.95	46.00	-36.05	-0.10	9.67	0.07	0.31	Average
10	0.502	19.21	56.00	-36.79	9.16	9.67	0.07	0.31	QP
11*	9.502	18.61	50.00	-31.39	8.08	9.74	0.35	0.44	Average
12	9.502	20.37	60.00	-39.63	9.84	9.74	0.35	0.44	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



Modulation	BT-LE (1Mbps)	Test Freq. (MHz)	2402
Power Phase	Neutral		

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	17.16	56.00	-38.84	7.31	9.61	0.06	0.18	Average
2	0.150	28.50	66.00	-37.50	18.65	9.61	0.06	0.18	QP
3	0.195	19.69	53.80	-34.11	9.83	9.61	0.06	0.19	Average
4	0.195	28.01	63.80	-35.79	18.15	9.61	0.06	0.19	QP
5	0.348	15.90	49.00	-33.10	5.95	9.61	0.06	0.28	Average
6	0.348	20.13	59.00	-38.87	10.18	9.61	0.06	0.28	QP
7*	0.788	19.95	46.00	-26.05	9.92	9.61	0.10	0.32	Average
8	0.788	22.41	56.00	-33.59	12.38	9.61	0.10	0.32	QP
9	4.525	9.01	46.00	-36.99	-1.26	9.65	0.20	0.42	Average
10	4.525	19.33	56.00	-36.67	9.06	9.65	0.20	0.42	QP
11	27.708	12.14	50.00	-37.86	1.04	9.77	0.59	0.74	Average
12	27.708	15.58	60.00	-44.42	4.48	9.77	0.59	0.74	QP

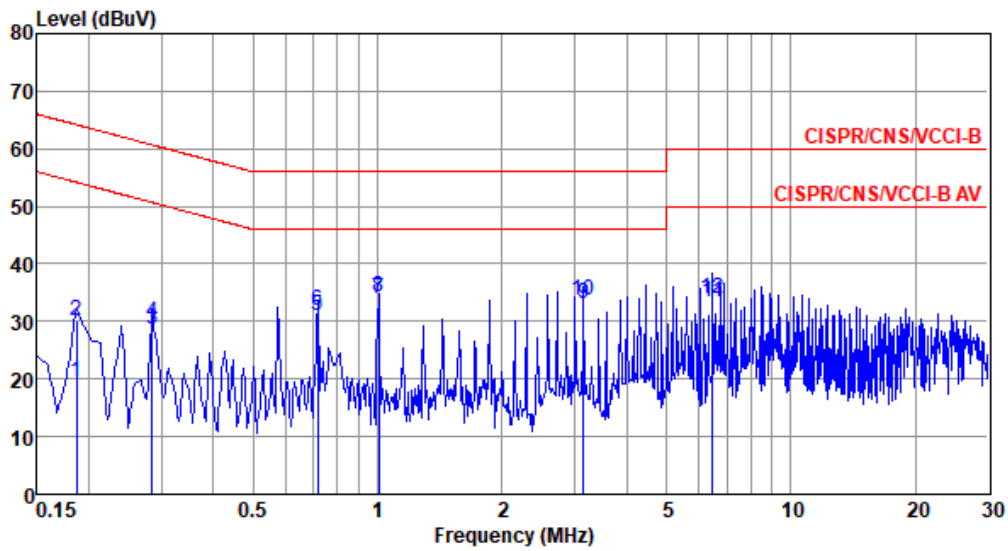
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).



Mode 4

Mode	WPC charging mode
Power Phase	Line

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



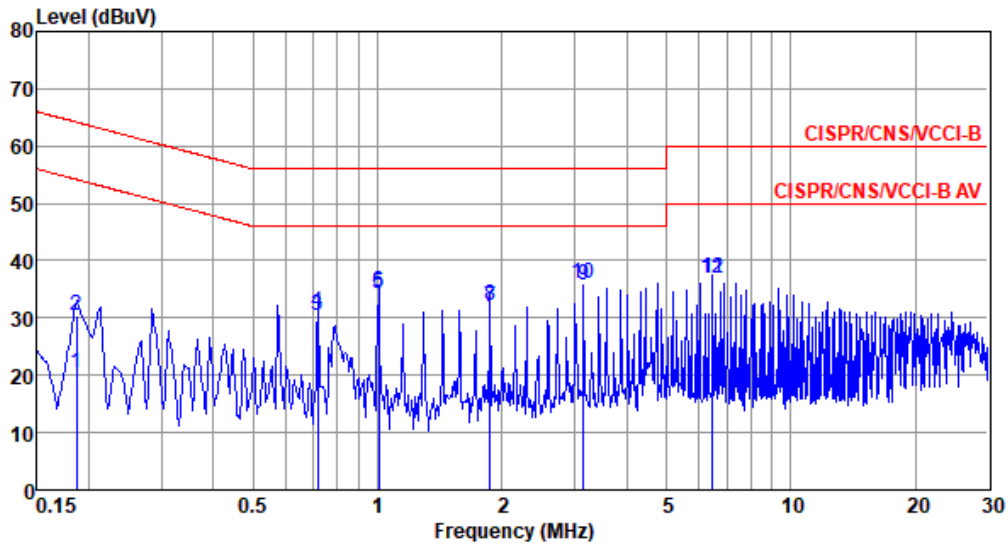
	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.186	19.62	54.20	-34.58	9.69	9.68	0.06	0.19	Average
2	0.186	29.99	64.20	-34.21	20.06	9.68	0.06	0.19	QP
3	0.285	28.56	50.68	-22.12	18.58	9.67	0.06	0.25	Average
4	0.285	29.89	60.68	-30.79	19.91	9.67	0.06	0.25	QP
5	0.716	31.10	46.00	-14.90	21.01	9.68	0.09	0.32	Average
6	0.716	31.78	56.00	-24.22	21.69	9.68	0.09	0.32	QP
7*	1.005	33.80	46.00	-12.20	23.68	9.68	0.11	0.33	Average
8	1.005	34.12	56.00	-21.88	24.00	9.68	0.11	0.33	QP
9	3.156	33.08	46.00	-12.92	22.82	9.70	0.16	0.40	Average
10	3.156	33.61	56.00	-22.39	23.35	9.70	0.16	0.40	QP
11	6.454	33.24	50.00	-16.76	22.82	9.72	0.27	0.43	Average
12	6.454	33.95	60.00	-26.05	23.53	9.72	0.27	0.43	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).



Mode	WPC charging mode
Power Phase	Neutral

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.186	20.33	54.20	-33.87	10.47	9.61	0.06	0.19	Average
2	0.186	30.32	64.20	-33.88	20.46	9.61	0.06	0.19	QP
3	0.716	30.46	46.00	-15.54	20.44	9.61	0.09	0.32	Average
4	0.716	30.97	56.00	-25.03	20.95	9.61	0.09	0.32	QP
5	1.005	34.29	46.00	-11.71	24.24	9.61	0.11	0.33	Average
6	1.005	34.59	56.00	-21.41	24.54	9.61	0.11	0.33	QP
7	1.868	31.87	46.00	-14.13	21.76	9.62	0.13	0.36	Average
8	1.868	32.32	56.00	-23.68	22.21	9.62	0.13	0.36	QP
9*	3.156	35.66	46.00	-10.34	25.47	9.63	0.16	0.40	Average
10	3.156	35.91	56.00	-20.09	25.72	9.63	0.16	0.40	QP
11	6.454	36.82	50.00	-13.18	26.45	9.67	0.27	0.43	Average
12	6.454	36.85	60.00	-23.15	26.48	9.67	0.27	0.43	QP

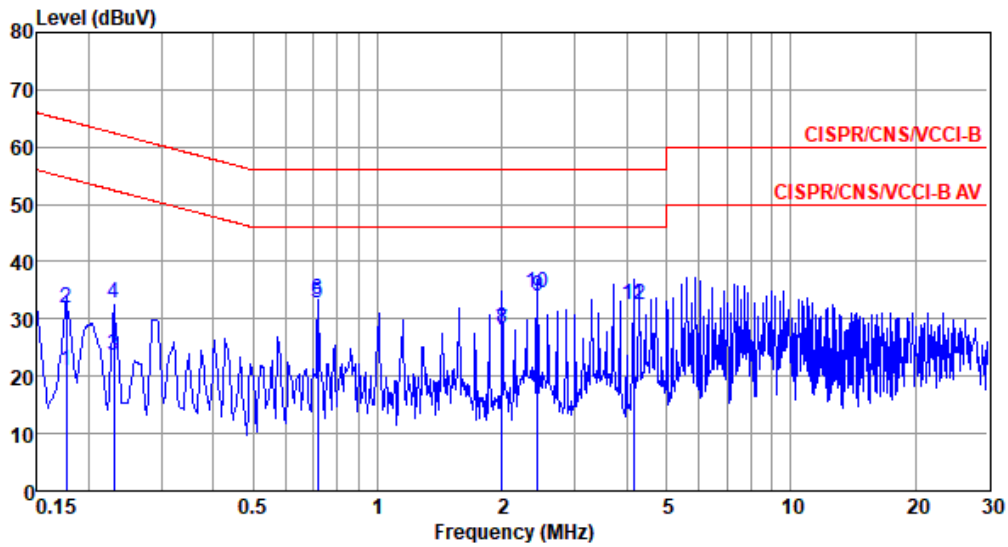
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



Mode 5

Mode	WPC charging mode
Power Phase	Line

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



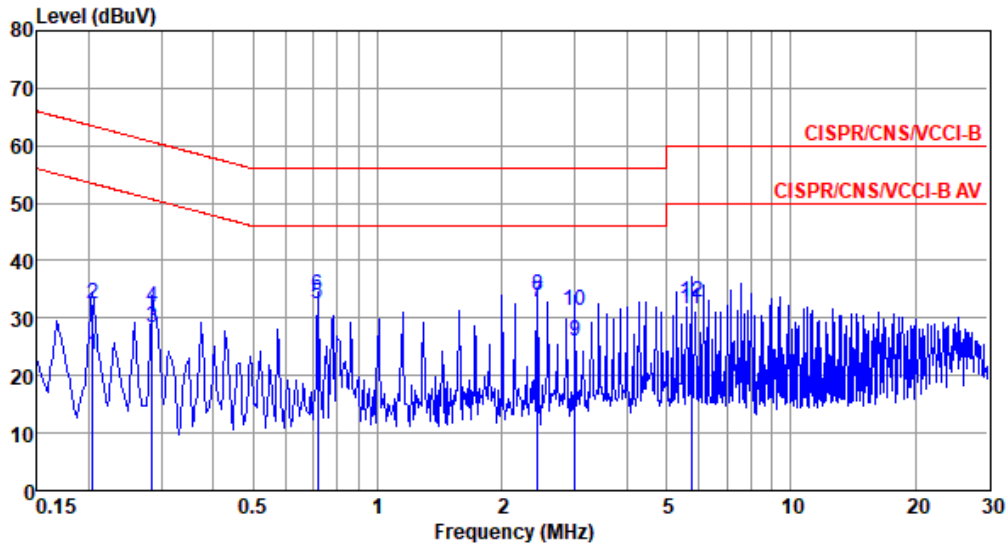
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.177	21.02	54.64	-33.62	11.09	9.68	0.06	0.19	Average
2	0.177	32.03	64.64	-32.61	22.10	9.68	0.06	0.19	QP
3	0.230	23.69	52.44	-28.75	13.74	9.68	0.06	0.21	Average
4	0.230	32.63	62.44	-29.81	22.68	9.68	0.06	0.21	QP
5	0.716	32.81	46.00	-13.19	22.72	9.68	0.09	0.32	Average
6	0.716	33.30	56.00	-22.70	23.21	9.68	0.09	0.32	QP
7	2.001	28.07	46.00	-17.93	17.89	9.69	0.13	0.36	Average
8	2.001	28.25	56.00	-27.75	18.07	9.69	0.13	0.36	QP
9*	2.435	33.90	46.00	-12.10	23.69	9.69	0.14	0.38	Average
10	2.435	34.43	56.00	-21.57	24.22	9.69	0.14	0.38	QP
11	4.158	32.43	46.00	-13.57	22.12	9.70	0.19	0.42	Average
12	4.158	32.59	56.00	-23.41	22.28	9.70	0.19	0.42	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



Mode	WPC charging mode
Power Phase	Neutral

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.204	23.56	53.45	-29.89	13.70	9.61	0.06	0.19	Average
2	0.204	32.36	63.45	-31.09	22.50	9.61	0.06	0.19	QP
3	0.285	28.25	50.68	-22.43	18.33	9.61	0.06	0.25	Average
4	0.285	31.99	60.68	-28.69	22.07	9.61	0.06	0.25	QP
5	0.716	32.34	46.00	-13.66	22.32	9.61	0.09	0.32	Average
6	0.716	33.81	56.00	-22.19	23.79	9.61	0.09	0.32	QP
7*	2.435	32.86	46.00	-13.14	22.71	9.63	0.14	0.38	Average
8	2.435	34.09	56.00	-21.91	23.94	9.63	0.14	0.38	QP
9	3.009	25.92	46.00	-20.08	15.73	9.63	0.16	0.40	Average
10	3.009	31.18	56.00	-24.82	20.99	9.63	0.16	0.40	QP
11	5.744	31.48	50.00	-18.52	21.14	9.66	0.25	0.43	Average
12	5.744	32.70	60.00	-27.30	22.36	9.66	0.25	0.43	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).

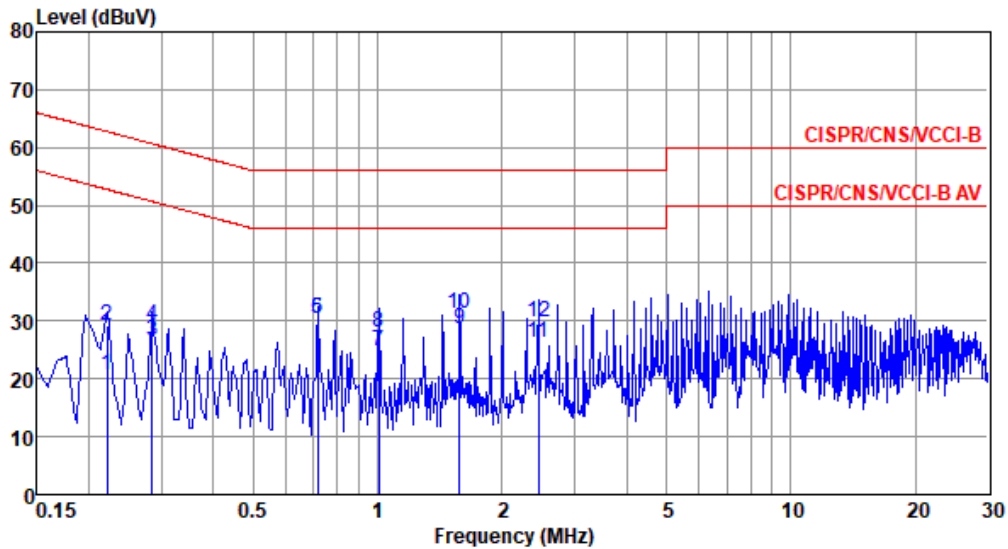




Mode 6

Mode	WPC charging mode
Power Phase	Line

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



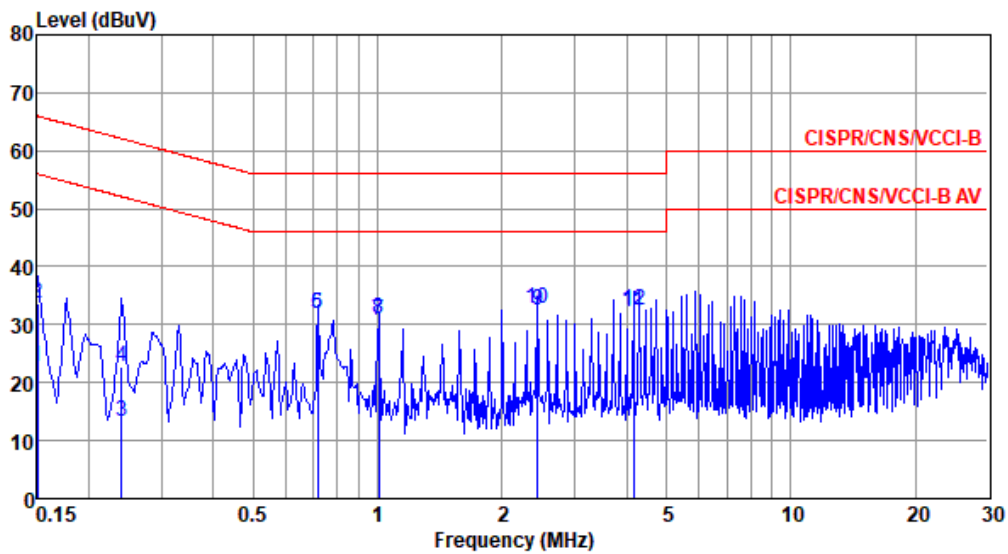
	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.222	20.56	52.74	-32.18	10.61	9.68	0.06	0.21	Average
2	0.222	29.25	62.74	-33.49	19.30	9.68	0.06	0.21	QP
3	0.285	26.68	50.68	-24.00	16.70	9.67	0.06	0.25	Average
4	0.285	29.21	60.68	-31.47	19.23	9.67	0.06	0.25	QP
5*	0.716	30.48	46.00	-15.52	20.39	9.68	0.09	0.32	Average
6	0.716	30.50	56.00	-25.50	20.41	9.68	0.09	0.32	QP
7	1.005	24.77	46.00	-21.23	14.65	9.68	0.11	0.33	Average
8	1.005	27.92	56.00	-28.08	17.80	9.68	0.11	0.33	QP
9	1.577	28.55	46.00	-17.45	18.39	9.69	0.12	0.35	Average
10	1.577	31.32	56.00	-24.68	21.16	9.69	0.12	0.35	QP
11	2.448	26.36	46.00	-19.64	16.15	9.69	0.14	0.38	Average
12	2.448	29.94	56.00	-26.06	19.73	9.69	0.14	0.38	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).



Mode	WPC charging mode
Power Phase	Neutral

Test by : Joe Liao      Temperature: 21°C      Humidity: 61%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	22.78	56.00	-33.22	12.93	9.61	0.06	0.18	Average
2	0.150	33.55	66.00	-32.45	23.70	9.61	0.06	0.18	QP
3	0.240	13.33	52.08	-38.75	3.44	9.61	0.06	0.22	Average
4	0.240	22.84	62.08	-39.24	12.95	9.61	0.06	0.22	QP
5	0.716	31.82	46.00	-14.18	21.80	9.61	0.09	0.32	Average
6	0.716	31.84	56.00	-24.16	21.82	9.61	0.09	0.32	QP
7	1.005	30.61	46.00	-15.39	20.56	9.61	0.11	0.33	Average
8	1.005	30.89	56.00	-25.11	20.84	9.61	0.11	0.33	QP
9*	2.435	32.38	46.00	-13.62	22.23	9.63	0.14	0.38	Average
10	2.435	32.72	56.00	-23.28	22.57	9.63	0.14	0.38	QP
11	4.158	32.14	46.00	-13.86	21.89	9.64	0.19	0.42	Average
12	4.158	32.34	56.00	-23.66	22.09	9.64	0.19	0.42	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).  
 Note 2: Over Limit (dB) = Level (dBuV) - Limit Line (dBuV).