

Test Report No:
2520994R-RFNAOTHV02-N

TEST REPORT

FCC Rules&Regulations

Product Name	Wi-Fi 6 Access Point
Brand Name	ERICSSON
Model No.	S1A527A
FCC ID	UXX-S1A527A
Applicant's Name / Address	Ericsson Enterprise Wireless Solutions, Inc. 1100 West Idaho Street, Boise, Idaho, 83702, United States
Manufacturer's Name / Address (1)	Accton Technology Corporation Zhubei Factory No. 1, Zhihui 1st Rd., Zhubei City , Hsinchu County 302 Taiwan, R.O.C.
Manufacturer's Name / Address (2)	Accton Technology Corporation No. 1, Creation Rd. III, Science-based Industrial Park, Hsinchu 300, Taiwan, R.O.C.
Manufacturer's Name / Address (3)	VIETNAM ACCTON TECHNOLOGY COMPANY LIMITED Lot F1-2-3 Thang Long Industrial Park (Vinh Phuc), Tam Hop Commune Binh Xuyen District,Vinh Phuc Province, Vietnam
Test Method Requested, Standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10-2013
Verdict Summary	IN COMPLIANCE
Documented By	 Amelia Wu
Approved By	 Allen Lin
Date of Receipt	Nov. 14, 2023
Date of Issue	Apr. 01, 2025
Report Version	V1.0

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Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

IMPORTANT: No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

General Conditions

1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	Apr. 01, 2025

Summary of Test Result

Report Clause	Test Items	Result (PASS/FAIL)	Remark
3	AC Power Line Conducted Emission	PASS	-
4	Occupied Bandwidth & DTS Bandwidth	PASS	-
5	Maximum Conducted Output Power	PASS	-
6	Maximum Power Spectral Density	PASS	-
7	Antenna Port Conducted Emission	PASS	-
8	Transmitter Radiated Spurious Emission	PASS	-

Note: Reference to DEKRA Project No.: 23B0423R.

(Authorized by original applicant to use the report test data, therefore test results refer to the original report.)

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.

Comments and Remarks

The product specification and testing instructions for the EUT declared in the report are provided by the manufacturer who will take all responsibilities for the accuracy.

1. General Information

1.1. EUT Description

Frequency Range	2400 ~ 2483.5 MHz
Operating Frequency	1 Mbps: 2402 ~ 2480 MHz 2 Mbps: 2402 ~ 2480 MHz
Channel Number	1 Mbps: 40 Channels 2 Mbps: 40 Channels
Mode	Bluetooth LE
Type of Modulation	GFSK

Accessories Information					
No.	Equipment Name	Brand Name	Model No.	Rating	Remark
1	Adapter (Removable plug)	APD	WB-24J12R	INPUT: 100-240V, 50-60Hz, 0.7A Max OUTPUT: 12V, 2.0A, 24.0W	With power cable : Non-Shielded, 1.5m
2	PoE Injector	PHIHONG	POE29U-560	INPUT: 100-240V, 50-60Hz, 0.8A OUTPUT: 56V, 0.536A	--
No.	Equipment Name	Description			
3	Plug Power Cord	Non-Shielded, 1m (For PoE Injector use)			
4	Plug*3	US, EU, UK			
5	Wall Mount (Metal)	--			
6	Wall Mount (Plastic)	--			
7	Pole-mount kit	--			

Antenna Information							
Ant.	Manufacturer	Model No.	Type	Gain (dBi)		Function	Remark
				2.4GHz	5GHz		
1	ACCTON Technology Corporation	KG568-T4-175B17U7S	Dipole	4.90	5.53	WiFi 2.4GHz / WiFi 5GHz	Internal Antenna
2	ACCTON Technology Corporation	KG568-T4-105W17U7S	Dipole	4.81	5.53	WiFi 2.4GHz / WiFi 5GHz	Internal Antenna
3	ACCTON Technology Corporation	KG568-T4-175G17U7S	Dipole	5.21	5.82	Bluetooth LE / WiFi 5GHz	Internal Antenna

<WiFi 2.4GHz Function>

For IEEE 802.11b/g/n/ac/ax Mode: (2TX, 2RX)

Both Ant. 1~Ant. 2 can be used as transmitting/receiving antennas, and they can transmit/receive signal simultaneously.

<WiFi 5GHz Function>

For IEEE 802.11a/n/ac/ax Mode: (3TX, 3RX)

Both Ant. 1~Ant. 3 can be used as transmitting/receiving antennas, and they can transmit/receive signal simultaneously.

<Bluetooth LE Function>

Only Ant. 3 can be use as transmit and receive antenna.

1.2. EUT Information

EUT Power Type	From Adapter / PoE Injector			
EUT Function	☒	Point-to-multipoint	☐	Point-to-point

1.3. 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

1.4. Testing Location Information

Testing Location Information		
Test Laboratory : DEKRA Testing and Certification Co., Ltd.		
1	ADD: No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.	
(TAF: 3024)	TEL: +886-3-582-8001	FAX: +886-3-582-8958
2	ADD: No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C.	
(TAF: 3024)	TEL: +886-3-582-8001	FAX: +886-3-582-8958
Test site number for address 1 includes HC-SR02. Test site number for address 2 includes HC-CB02, HC-CB03, HC-CB04, HC-SR10 and HC-SR12.		

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
AC Conduction Emission	HC-SR02	Igor Tseng	20.6 / 57	2024/01/05
RF Conducted Emission	HC-SR12	Scott Chang	22.3~23.8 / 56.5~61.5	2023/12/8~2023/12/15
Radiated Emission	HC-CB02	Gary Lioa Nelson Teng	20.9~23.5 / 56.3~60.7	2023/11/29~2024/1/25

1.5. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document 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 item	Uncertainty
AC Power Line Conducted Emission	± 2.34 dB
Occupied Bandwidth & DTS Bandwidth	± 282.55 Hz
Maximum Conducted Output Power	± 1.16 dB
Maximum Power Spectral Density	± 2.47 dB
Antenna Port Conducted Emission	± 2.47 dB
Transmitter Radiated Spurious Emission	± 3.52 dB below 1 GHz ± 3.56 dB above 1 GHz

1.6. List of Test Equipment

HC-SR02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	9kHz-30MHz, 4line/100A	2023/12/15	2024/12/14
EMI Test Receiver	R&S	ESR3	102608	9 kHz - 3.6 GHz	2023/09/19	2024/09/18
Two-Line V-Network	R&S	ENV216	100096	9kHz-30MHz	2023/06/02	2024/06/01
Coaxial Cable(9 m)	Harbour	RG-400	HC-SR02	9 kHz–2500 MHz	2023/08/04	2024/08/03
EMI Testing System	AUDIX	e3 210616 dekra V9	HC-SR02	N/A	N/A	N/A

HC-SR12

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
High Speed Peak Power Meter Dual Input	Anritsu	ML2496A	1602004	0.3-40 GHz	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531043	0.3-40 GHz	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531044	0.3-40 GHz	2023/10/25	2024/10/24
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2023/07/03	2024/07/02

HC-CB02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal and Spectrum Analyzer	R&S	FSVA40	101435	10 Hz-40 GHz	2023/05/29	2024/05/28
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1272	30 MHz-2 GHz	2023/04/13	2024/04/12
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211211A18EN	1G-18GHz	2023/11/09	2024/11/08
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2023/02/13	2024/02/12
Pre-Amplifier	EMCI	EMC01820I	980365	30M-8 GHz,20 dB	2023/04/07	2024/04/06
Pre-Amplifier	EMEC	EM01G18GA	060741	1G-18 GHz,50 dB	2023/05/05	2024/05/04
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2023/10/03	2024/10/02
EMI Test Receiver	R&S	ESR7	102260	10 Hz-7 GHz	2023/11/27	2024/11/26
Magnetic Loop Antenna	Teseq	HLA 6121	44287	0.01-30 MHz	2023/10/13	2024/10/12
Coaxial Cable(13m)	Suhner	SF104	HC-CB02	30M-18 GHz	2023/08/14	2024/08/13
Coaxial Cable(3m)	Suhner,Rosnol	SF102_UP0264	HC-CB02-1	18G-40 GHz 3 m	2023/08/14	2024/08/13
Radiated Software	AUDIX	e3 V9	HC-CB02_1	N/A	N/A	N/A

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2. Test Configuration of EUT

2.1. Test Condition

EUT Operational Condition	
Testing Voltage	AC 120V/60Hz

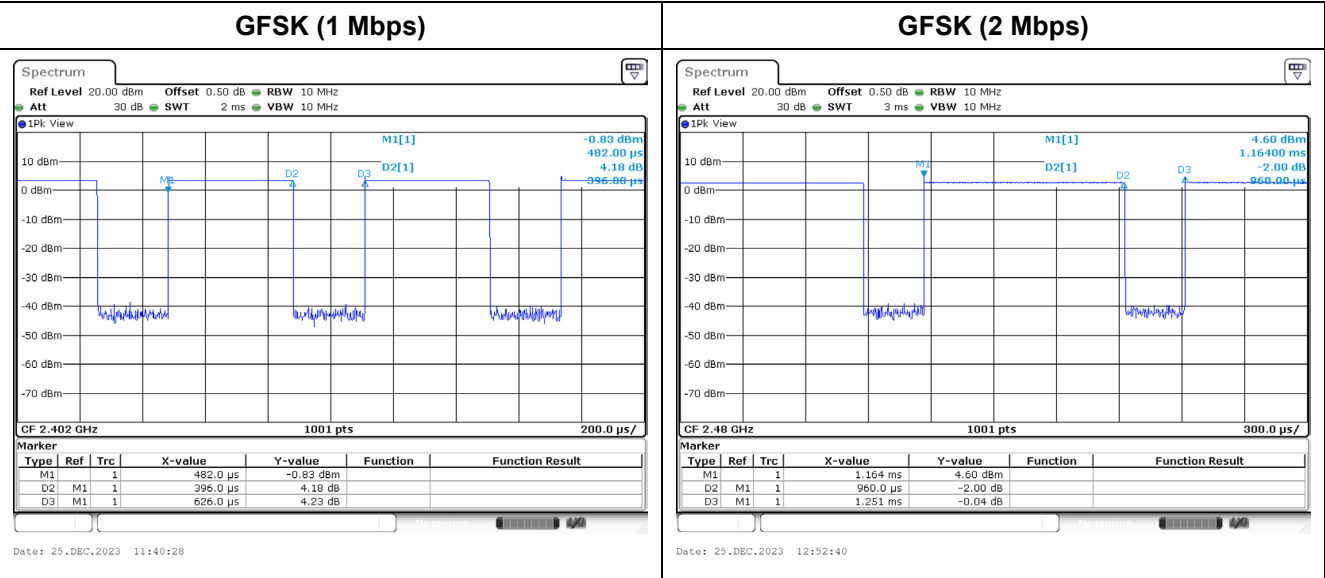
2.2. Test Frequency Mode

Test Software Version	BTool v1.42.18
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Modulation	Frequency (MHz)	Power Setting
GFSK (1 Mbps)	2402	Default
	2440	Default
	2480	Default
GFSK (2 Mbps)	2402	Default
	2440	Default
	2480	Default

2.3. Duty Cycle

Mode	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
GFSK (1 Mbps)	0.396	0.626	63.26	1.99	2.525
GFSK (2 Mbps)	0.960	1.251	76.74	1.15	1.042



2.4. The Worst Case Measurement Configuration

Tests Item	AC Power Line Conducted Emission
Test Condition	AC power line conducted measurement for line and neutral
Operating Mode	Transmit
1	EUT + Adapter
2	EUT + PoE

Tests Item	Occupied Bandwidth & DTS Bandwidth Maximum Conducted Output Power Maximum Power Spectral Density Antenna Port Conducted Emission
Test Condition	Conducted measurement at transmit chains
Operating Mode	Transmit

Tests Item	Transmitter Radiated Spurious Emission
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	Transmit
1	EUT + Adapter
2	EUT + PoE
Operating Mode > 1GHz	Transmit
The EUT was performed at X axis, Y axis and Z axis position for radiated spurious emission test. The worst case was found at Y axis, so the measurement will follow this same test configuration.	

Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode < 1GHz	Transmit
1	EUT + Adapter: WiFi 2.4 GHz + WiFi 5 GHz + Bluetooth LE function
2	EUT + PoE: WiFi 2.4 GHz + WiFi 5 GHz + Bluetooth LE function
Operating Mode > 1GHz	Transmit
1	WiFi 2.4 GHz + WiFi 5 GHz + Bluetooth LE function
Refer to Appendix G for Radiated Emission Co-location.	

Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	Transmit
1	WiFi 2.4 GHz + WiFi 5 GHz + Bluetooth LE function
Refer to DEKRA Test Report No.: 2520994R-RFNAOTHV02-I for Co-location RF Exposure Evaluation.	

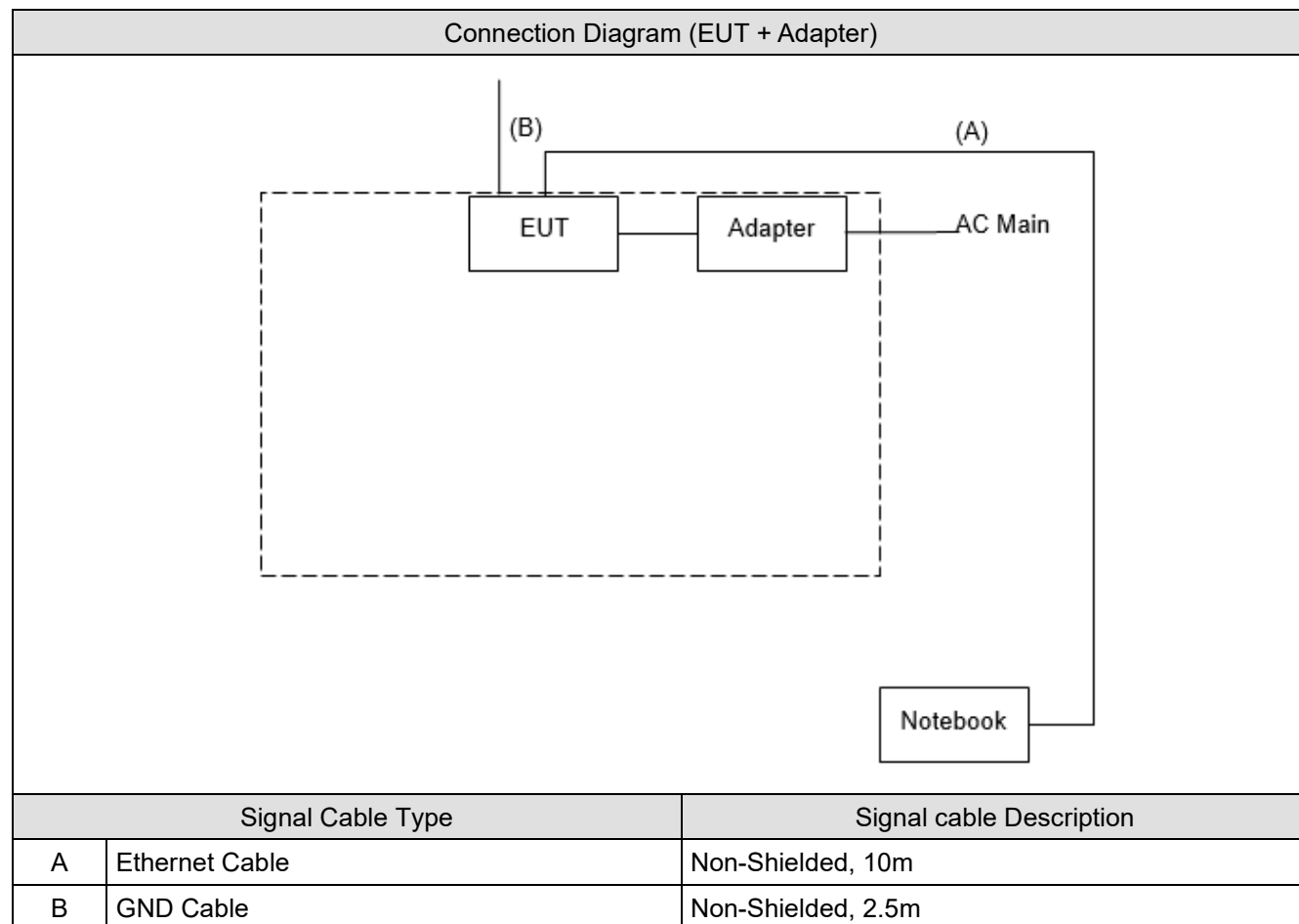
Note:

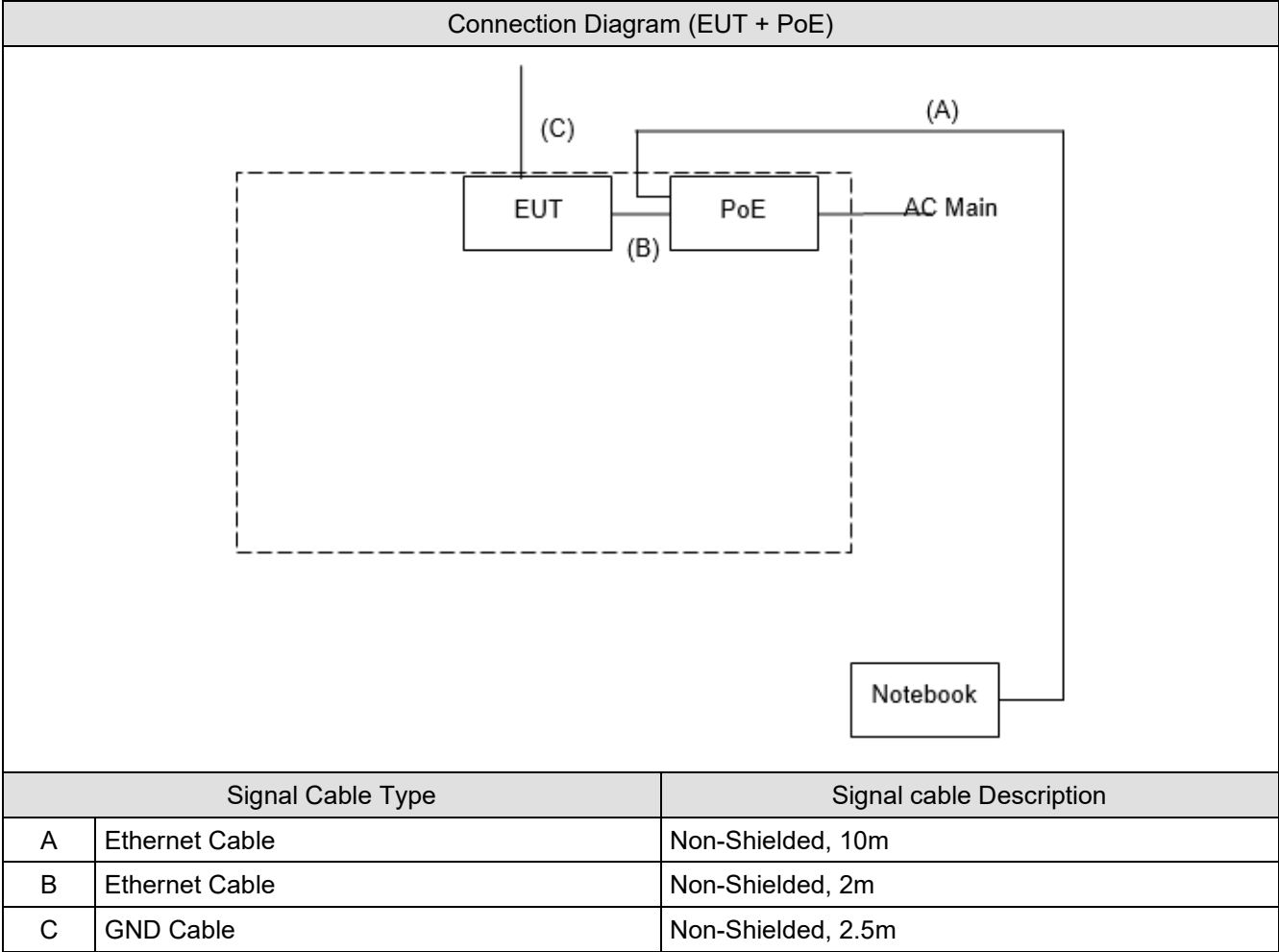
1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. For radiated spurious emission below 1 GHz and AC power line conducted emission have performed all modes of operation were investigated and the worst-case emissions are reported.

2.5. Tested System Details

No.	Equipment	Brand Name	Model No.	Serial No.
1	Notebook	Lenovo	Lenovo Ideapad 320	PF0SXXY1

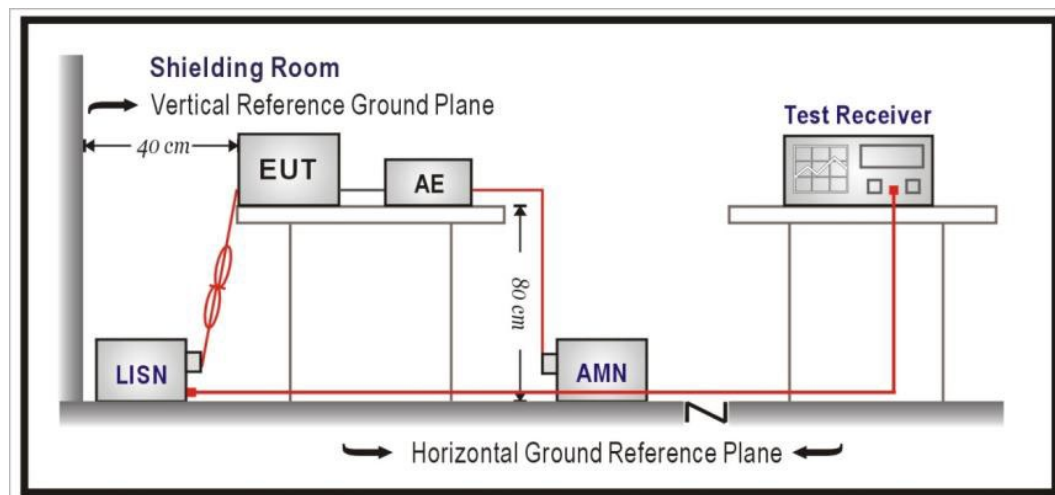
2.6. Configuration of Tested System





3. AC Power Line Conducted Emission

3.1. Test Setup



3.2. Test Limit

Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remarks: In the above table, the tighter limit applies at the band edges.

3.3. Test Procedure

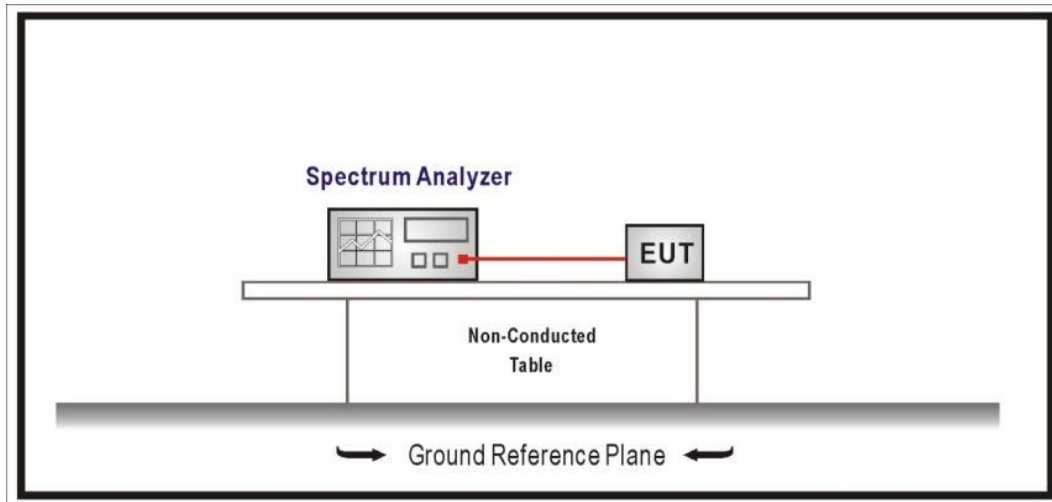
The EUT was setup according to ANSI C63.10: 2013 for AC Power Line Conducted Emissions.

3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A

4. Occupied Bandwidth & DTS Bandwidth

4.1. Test Setup



4.2. Test Limit

The 6 dB bandwidth: ≥ 500 kHz.

Occupied Bandwidth: N/A

4.3. Test Procedures

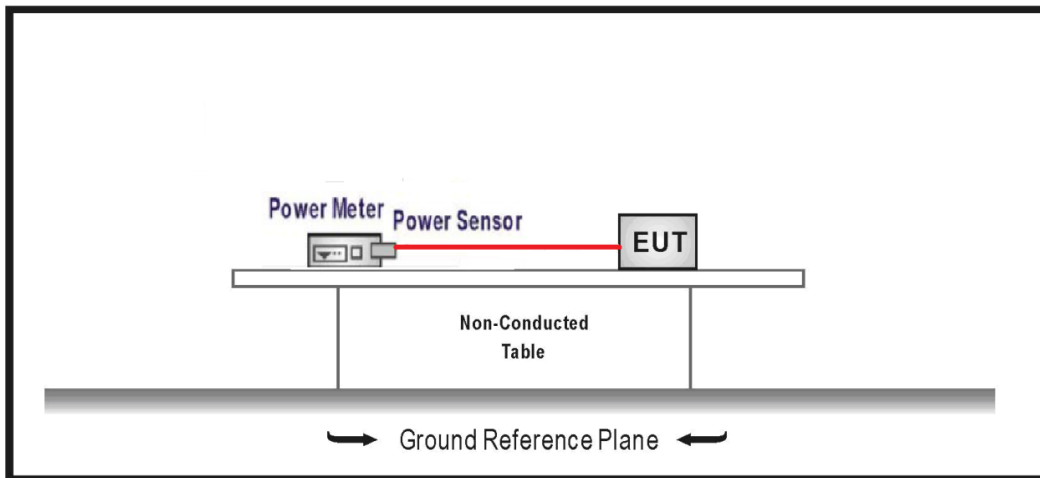
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

4.4. Test Result of Occupied Bandwidth & DTS Bandwidth

Refer as Appendix B

5. Maximum Conducted Output Power

5.1. Test Setup



5.2. Test Limit

The Maximum Conducted Output Power shall be less 1 Watt.

5.3. Test Procedures

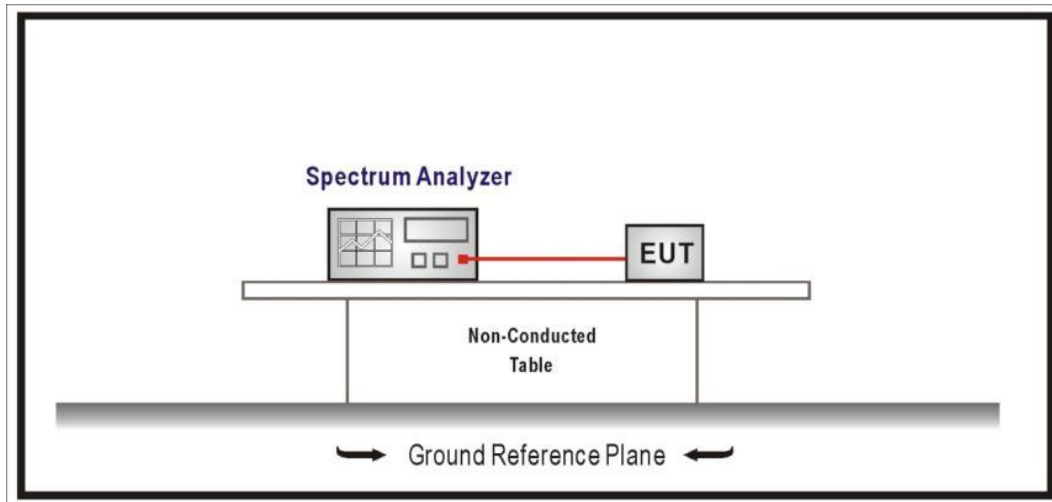
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

5.4. Test Result of Maximum Conducted Output Power

Refer as Appendix C

6. Maximum Power Spectral Density

6.1. Test Setup



6.2. Test Limit

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8 dBm in any 3 kHz band during any time interval of continuous transmission.

6.3. Test Procedures

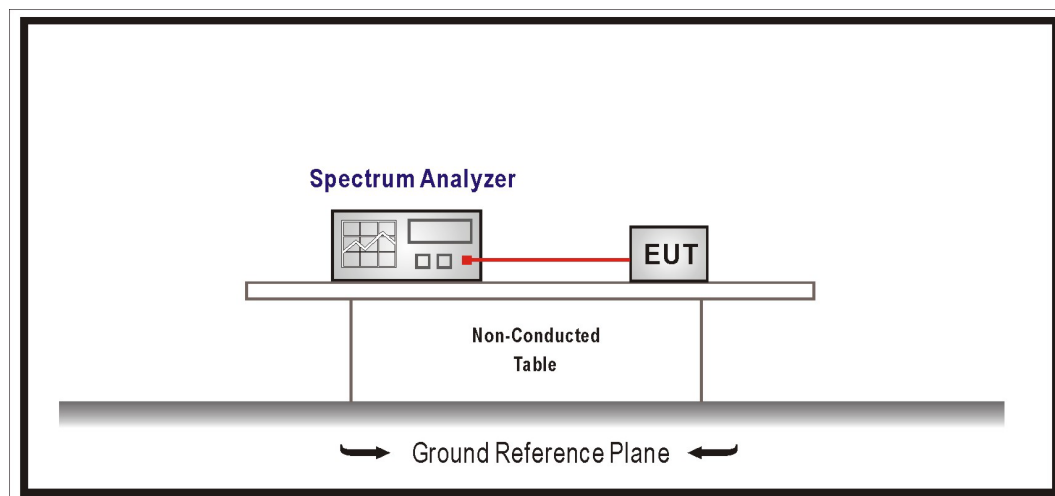
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

6.4. Test Result of Maximum Power Spectral Density

Refer as Appendix D

7. Antenna Port Conducted Emission

7.1. Test Setup



7.2. Test Limit

RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30

Remarks:

1. In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limit.
2. If the transmitter complies with the conducted power limit based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

7.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074.

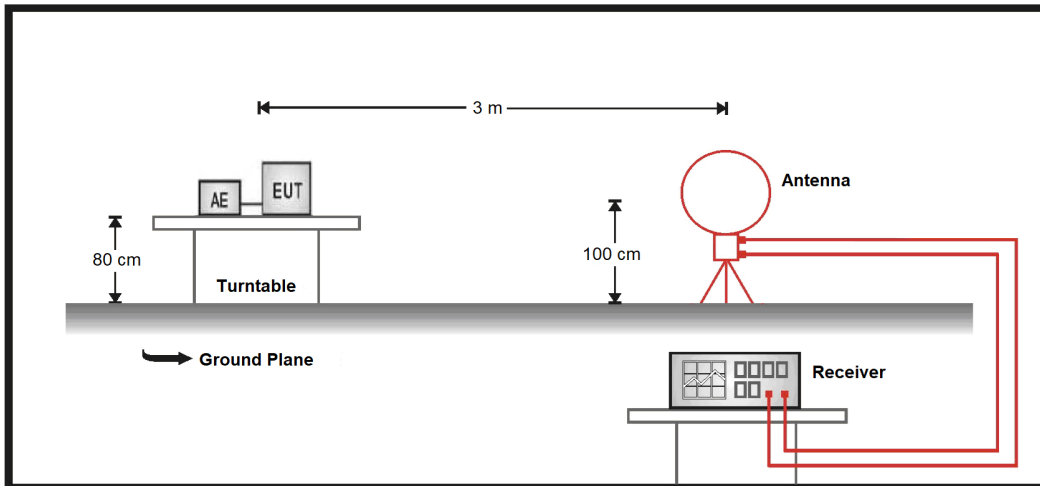
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

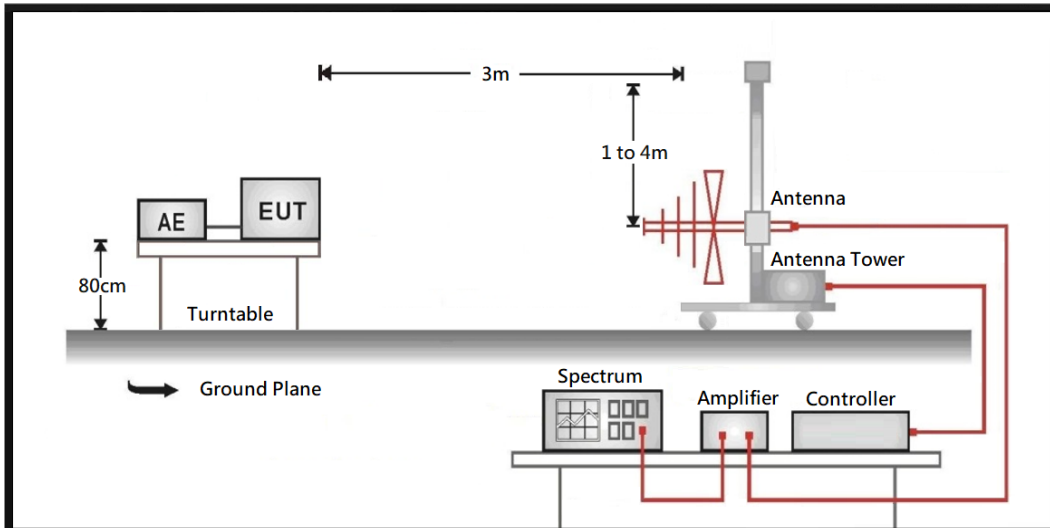
8. Transmitter Radiated Spurious Emission

8.1. Test Setup

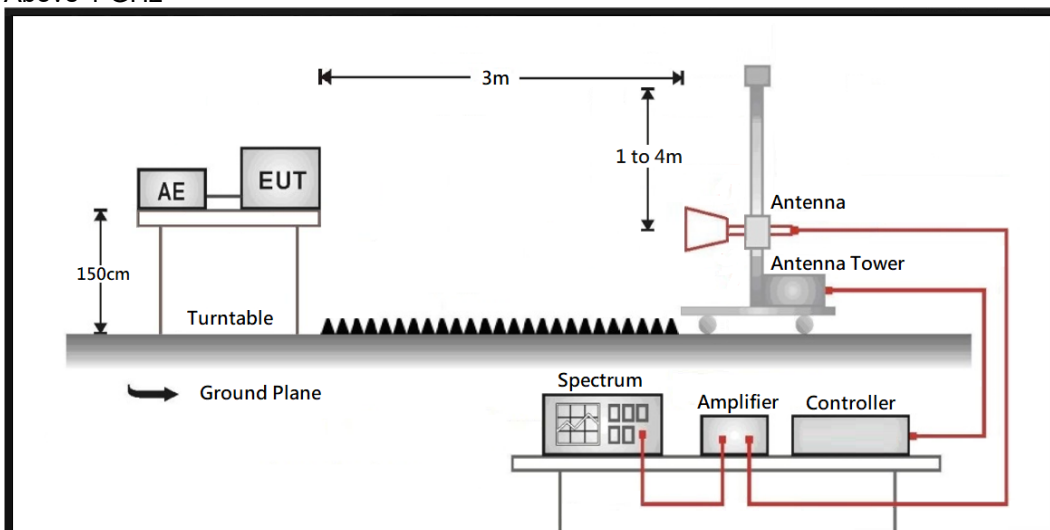
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



8.2. Test Limit

Frequency (MHz)	Field strength (uV/m)	Field strength (dBuV/m)	Measurement distance (m)
0.009 – 0.490	2400/F(kHz)	20 log (2400/F(kHz))	300
0.490 – 1.705	24000/F(kHz)	20 log (24000/F(kHz))	30
1.705 - 30	30	29.5	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

Remarks:

1. Field strength (dBuV/m) = 20 log Field strength (uV/m)
2. In the Above Table, the tighter limit applies at the band edges.
3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

8.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to DTS test procedure of KDB 558074.

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

On any frequency or frequencies from 9 kHz(include The the lowest oscillator frequency generated within the device up to the 10th harmonic) to 1000 MHz, the limit shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limit shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

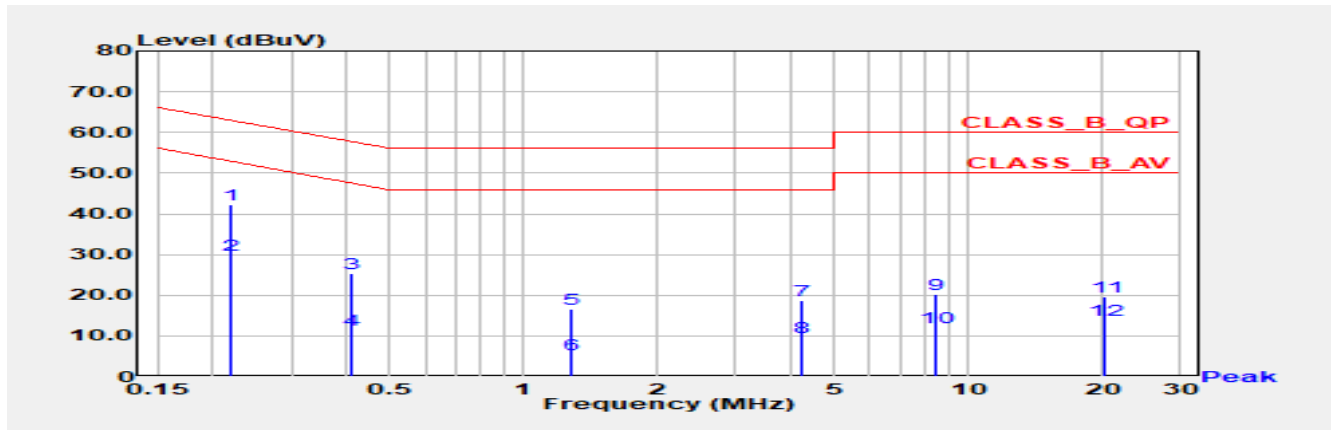
The bandwidth below 1 GHz setting on the field strength meter is 120 kHz and above 1 GHz is 1 MHz.

8.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix F

Appendix A. Test Result of AC Power Line Conducted Emission

Test Mode	Mode 1: EUT + Adapter	Phase	Line
Test Condition	GFSK (1 Mbps) / 2480 MHz		

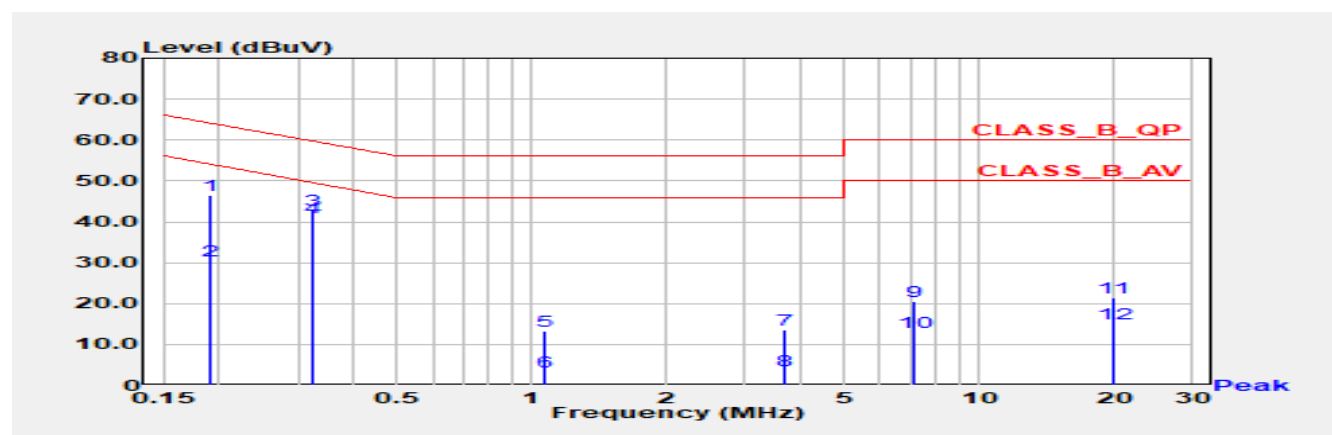


No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
*1	0.220	42.21	62.83	-20.62	32.34	9.87	QP
2	0.220	30.02	52.83	-22.81	20.14	9.87	AV
3	0.411	25.42	57.63	-32.21	15.54	9.88	QP
4	0.411	11.59	47.63	-36.03	1.71	9.88	AV
5	1.273	16.57	56.00	-39.43	6.63	9.94	QP
6	1.273	5.32	46.00	-40.68	-4.62	9.94	AV
7	4.191	18.86	56.00	-37.14	8.78	10.08	QP
8	4.191	9.74	46.00	-36.26	-0.34	10.08	AV
9	8.466	20.23	60.00	-39.77	10.02	10.22	QP
10	8.466	12.08	50.00	-37.92	1.86	10.22	AV
11	20.300	19.76	60.00	-40.24	9.33	10.43	QP
12	20.300	13.87	50.00	-36.13	3.44	10.43	AV

Remark:

1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

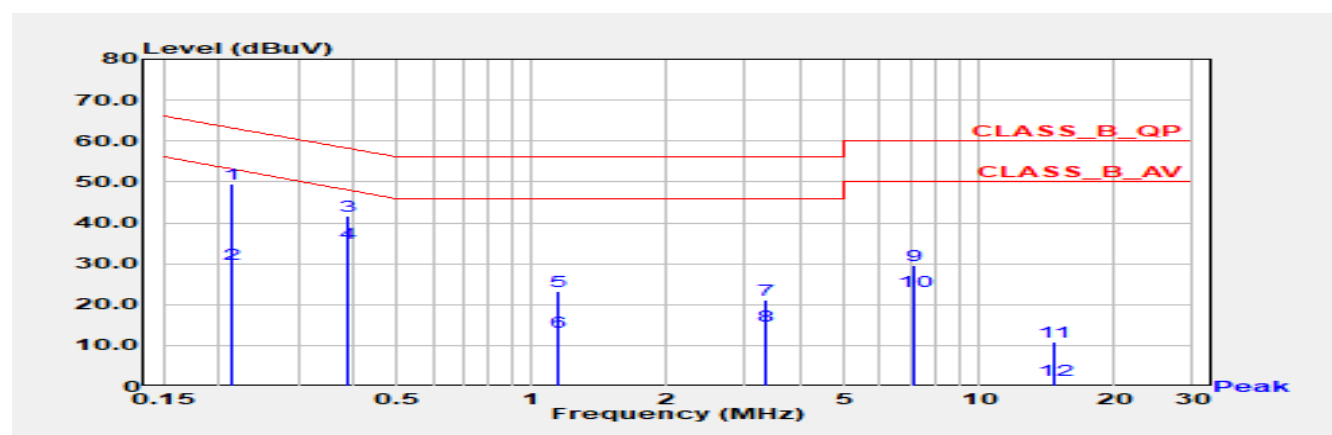
Test Mode	Mode 1: EUT + Adapter	Phase	Neutral
Test Condition	GFSK (1 Mbps) / 2480 MHz		



Remark:

1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

Test Mode	Mode 2: EUT + PoE	Phase	Line
Test Condition	GFSK (1 Mbps) / 2480 MHz		

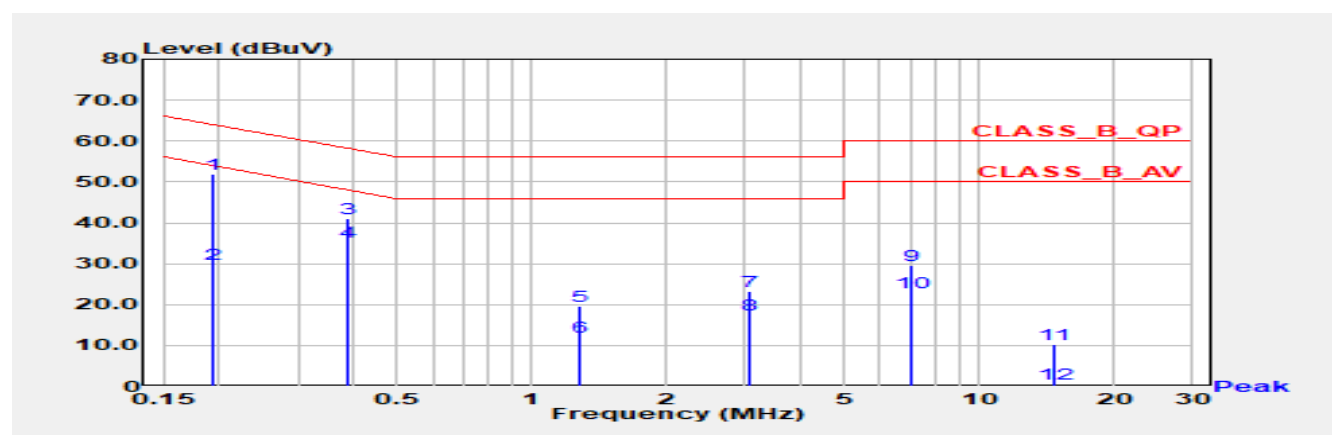


No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
1	0.213	49.50	63.09	-13.58	39.63	9.87	QP
2	0.213	29.82	53.09	-23.27	19.95	9.87	AV
3	0.388	41.58	58.10	-16.52	31.70	9.88	QP
*4	0.388	35.05	48.10	-13.04	25.17	9.88	AV
5	1.147	23.20	56.00	-32.80	13.26	9.94	QP
6	1.147	13.26	46.00	-32.74	3.32	9.94	AV
7	3.311	21.22	56.00	-34.78	11.18	10.04	QP
8	3.311	14.83	46.00	-31.17	4.79	10.04	AV
9	7.125	29.46	60.00	-30.54	19.28	10.18	QP
10	7.125	23.24	50.00	-26.76	13.06	10.18	AV
11	14.649	10.78	60.00	-49.22	0.44	10.34	QP
12	14.649	1.42	50.00	-48.58	-8.93	10.34	AV

Remark:

1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

Test Mode	Mode 2: EUT + PoE	Phase	Neutral
Test Condition	GFSK (1 Mbps) / 2480 MHz		



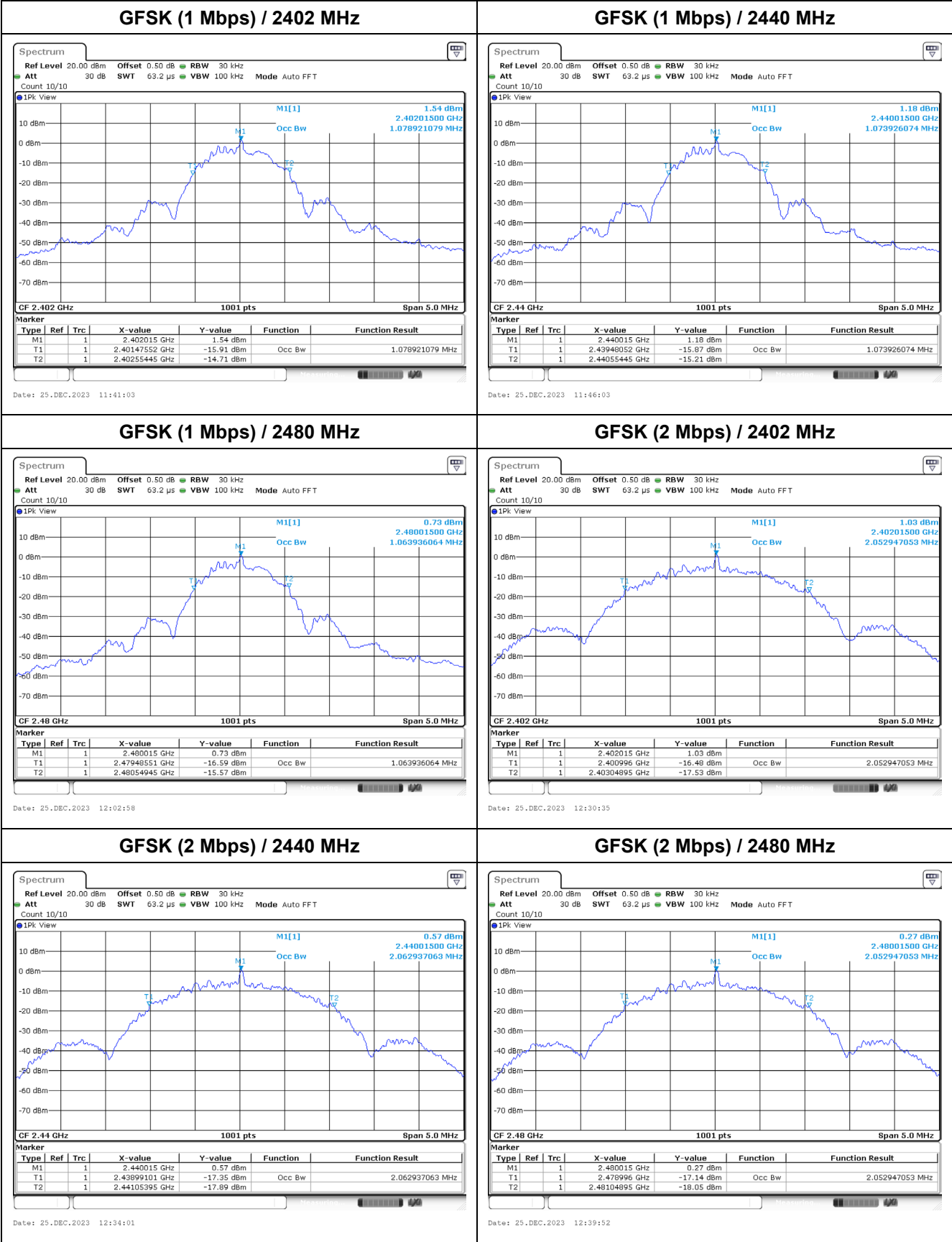
No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
*1	0.193	52.02	63.92	-11.90	42.17	9.85	QP
2	0.193	29.76	53.92	-24.15	19.92	9.85	AV
3	0.386	41.10	58.14	-17.05	31.23	9.87	QP
4	0.386	35.30	48.14	-12.84	25.43	9.87	AV
5	1.270	19.58	56.00	-36.42	9.64	9.93	QP
6	1.270	12.21	46.00	-33.79	2.28	9.93	AV
7	3.066	23.37	56.00	-32.63	13.36	10.01	QP
8	3.066	17.61	46.00	-28.39	7.60	10.01	AV
9	7.017	29.59	60.00	-30.41	19.46	10.13	QP
10	7.017	22.99	50.00	-27.01	12.86	10.13	AV
11	14.667	10.18	60.00	-49.82	-0.07	10.26	QP
12	14.667	0.71	50.00	-49.29	-9.54	10.26	AV

Remark:

1. "*" means this data is the worst emission level.
2. Emission Level = Reading Level + Correct Factor (Correct Factor = LISN Insertion Loss + Cable Loss).
3. Margin = Emission Level - Limit.

Appendix B.1 Test Result of Occupied Bandwidth

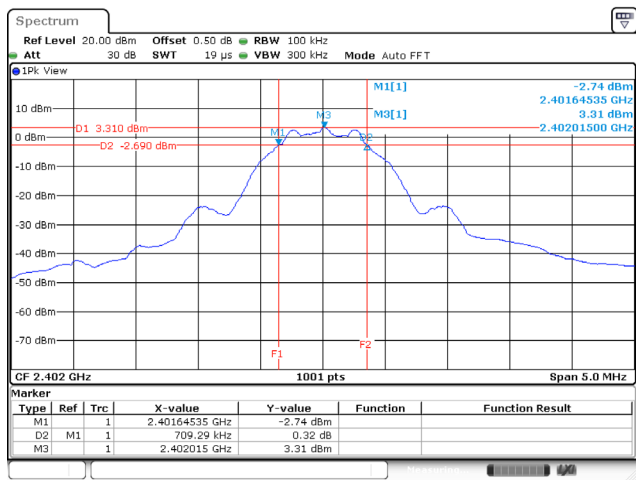
Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
GFSK (1 Mbps)	2402	1.078	-
	2440	1.073	-
	2480	1.063	-
GFSK (2 Mbps)	2402	2.052	-
	2440	2.062	-
	2480	2.052	-



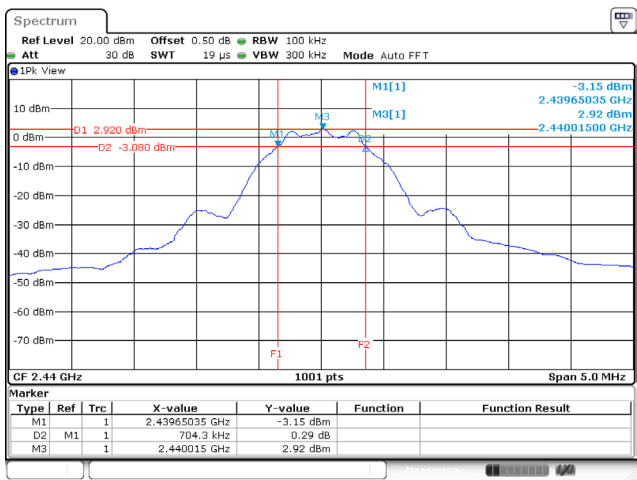
Appendix B.2 Test Result of DTS Bandwidth

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
GFSK (1 Mbps)	2402	0.709	0.50	Pass
	2440	0.704	0.50	Pass
	2480	0.674	0.50	Pass
GFSK (2 Mbps)	2402	1.133	0.50	Pass
	2440	1.198	0.50	Pass
	2480	1.138	0.50	Pass

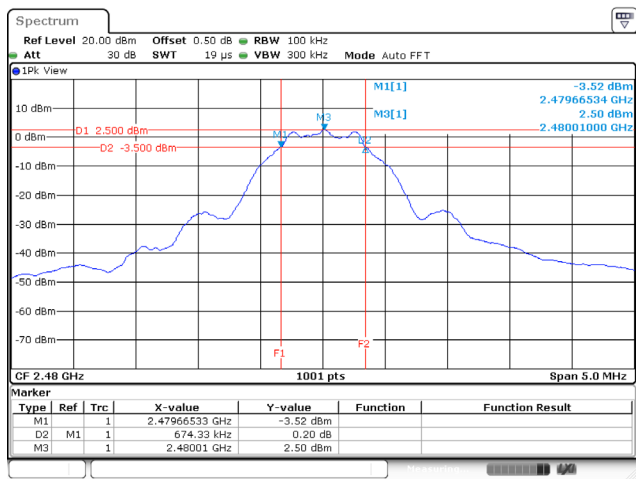
GFSK (1 Mbps) / 2402 MHz



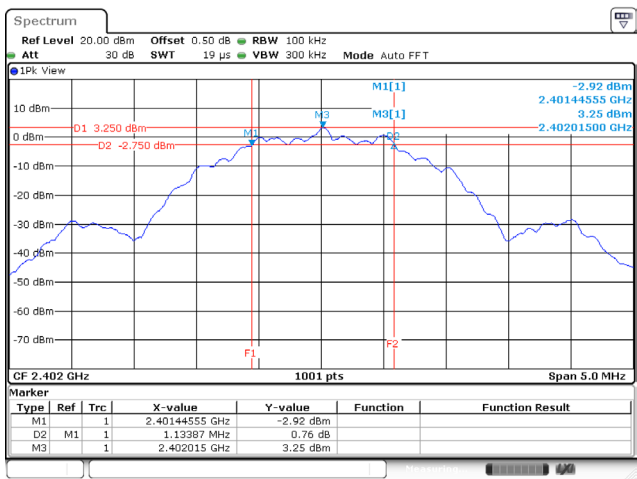
GFSK (1 Mbps) / 2440 MHz



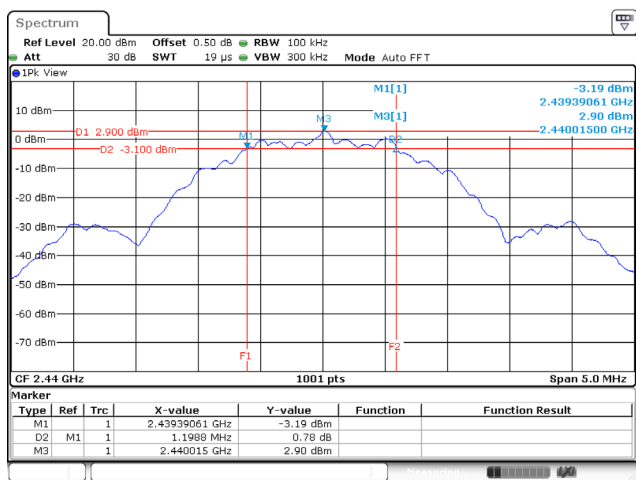
GFSK (1 Mbps) / 2480 MHz



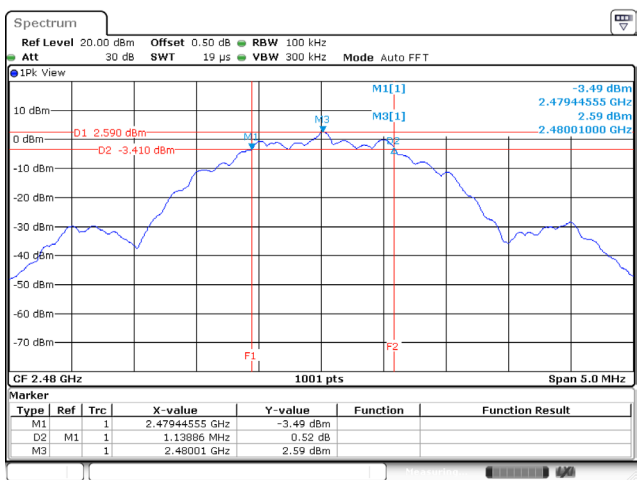
GFSK (2 Mbps) / 2402 MHz



GFSK (2 Mbps) / 2440 MHz



GFSK (2 Mbps) / 2480 MHz

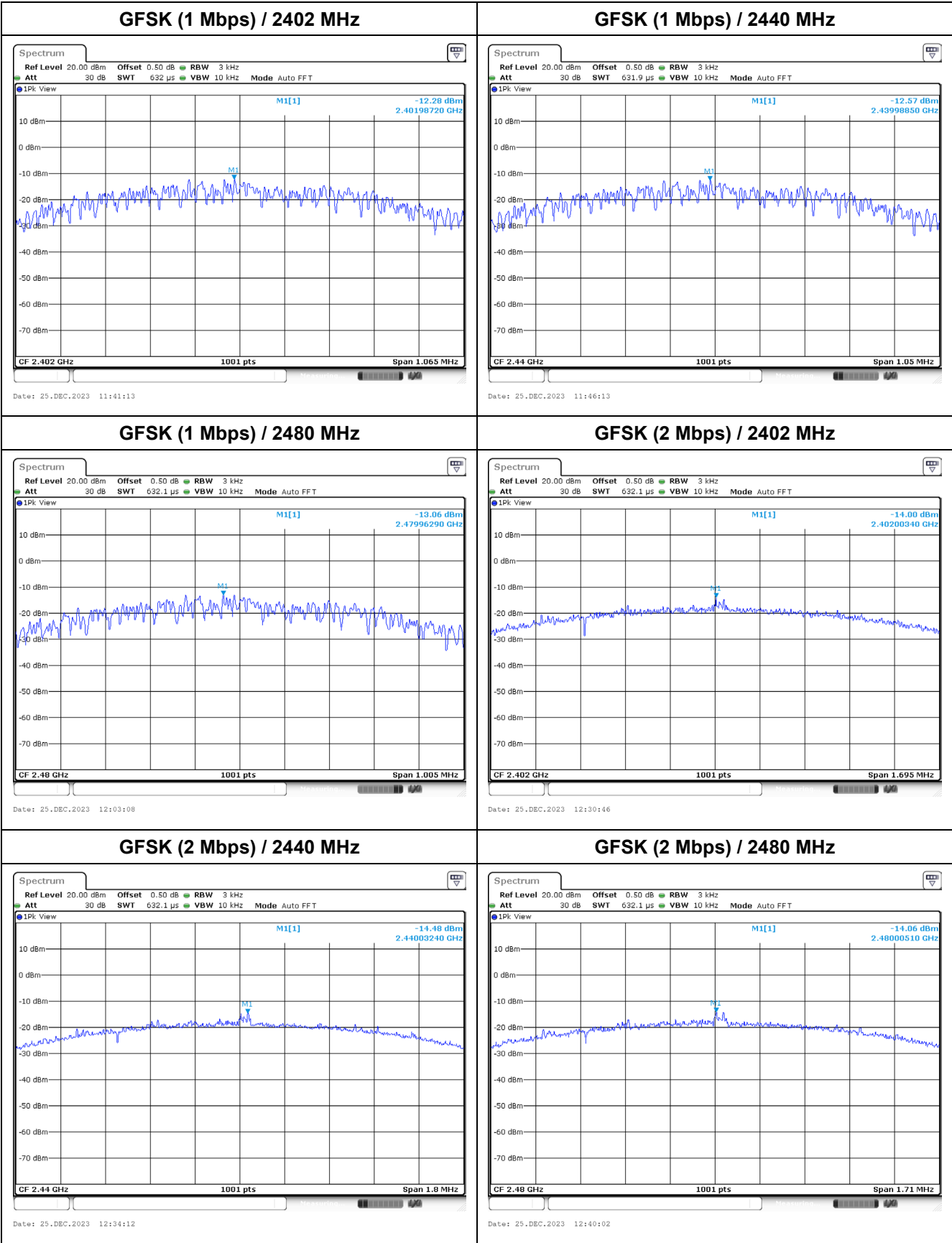


Appendix C. Test Result of Maximum Conducted Output Power

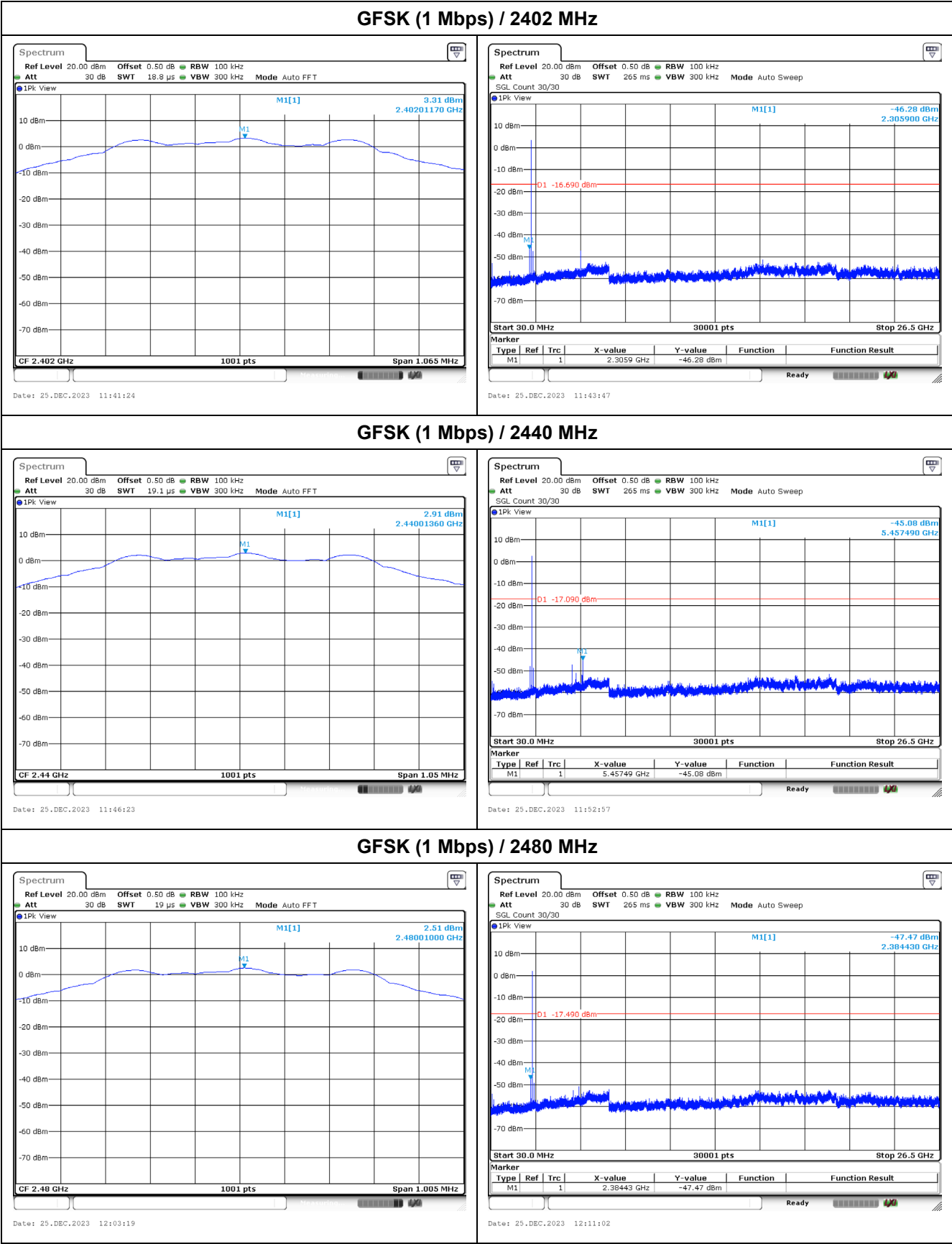
Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK (1 Mbps)	2402	3.28	30.00	Pass
	2440	2.85	30.00	Pass
	2480	2.38	30.00	Pass
GFSK (2 Mbps)	2402	3.28	30.00	Pass
	2440	2.86	30.00	Pass
	2480	2.44	30.00	Pass

Appendix D. Test Result of Maximum Power Spectral Density

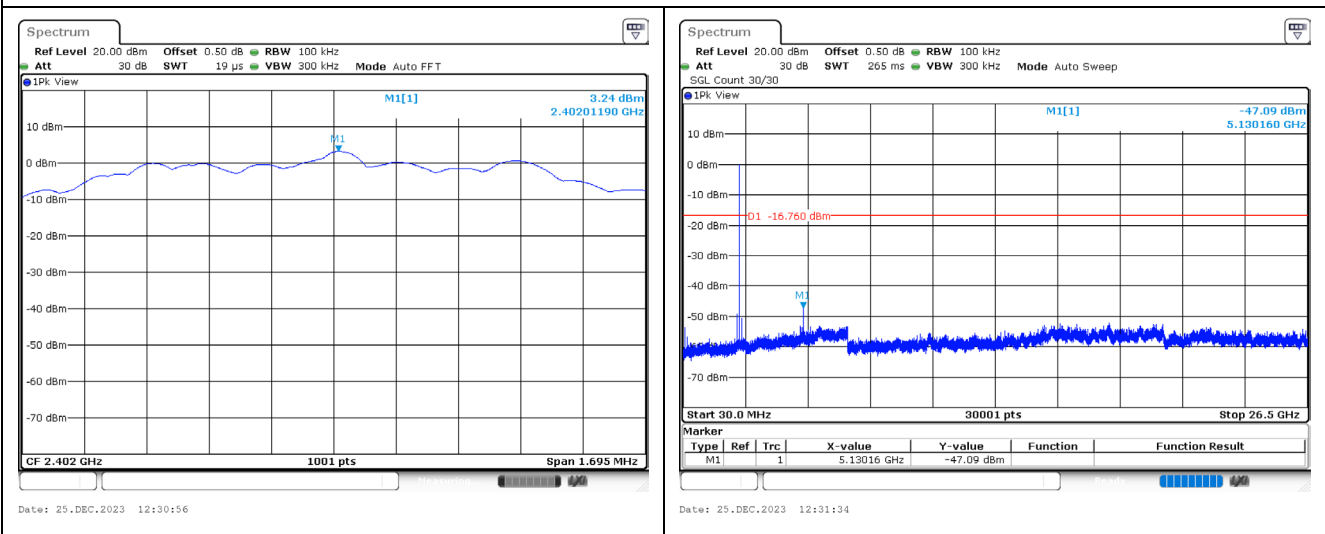
Modulation	Frequency (MHz)	Measure Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK (1 Mbps)	2402	-12.28	8.00	Pass
	2440	-12.57	8.00	Pass
	2480	-13.06	8.00	Pass
GFSK (2 Mbps)	2402	-14.00	8.00	Pass
	2440	-14.48	8.00	Pass
	2480	-14.06	8.00	Pass



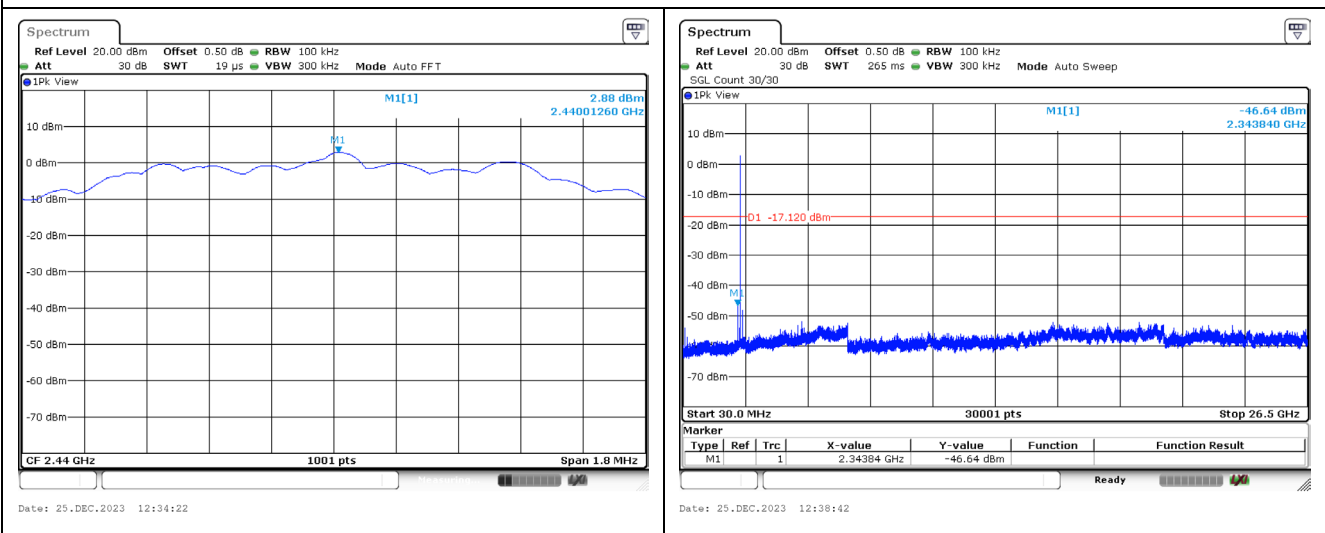
Appendix E. Test Result of Antenna Port Conducted Emission



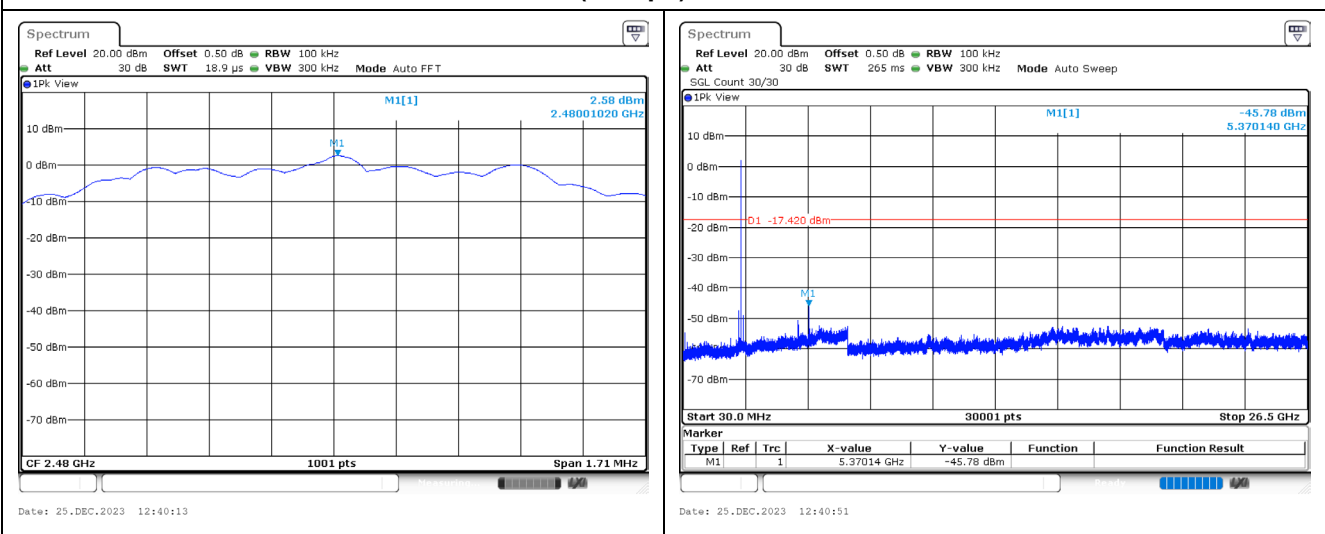
GFSK (2 Mbps) / 2402 MHz

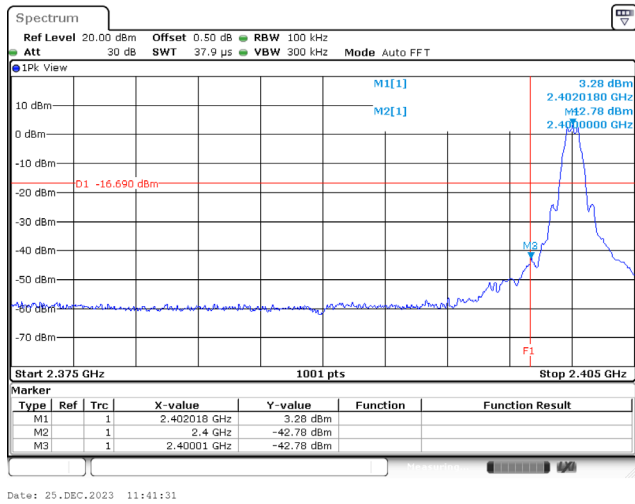
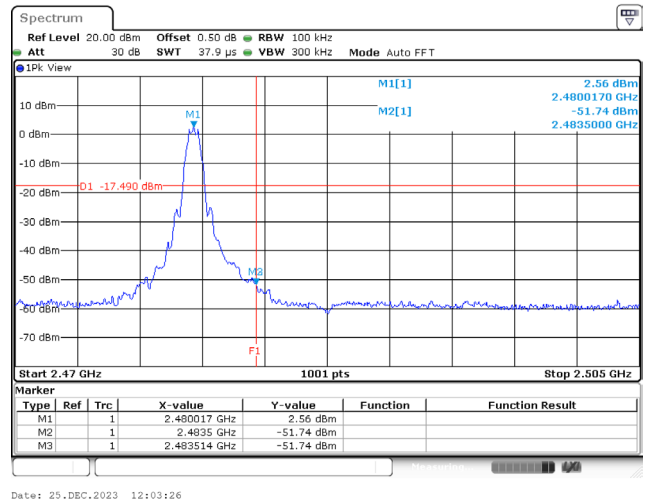
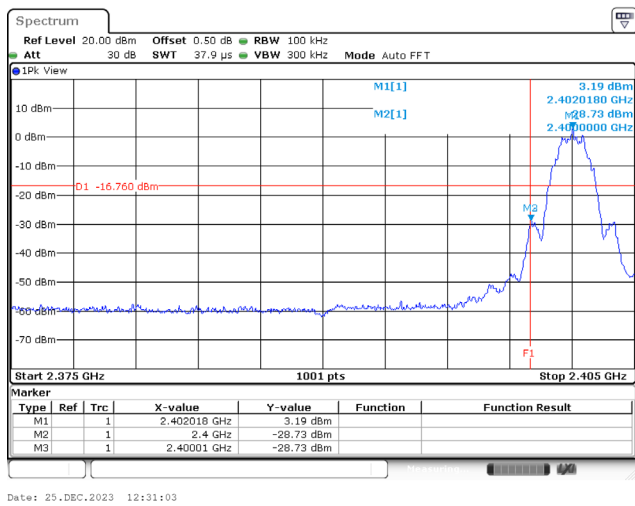
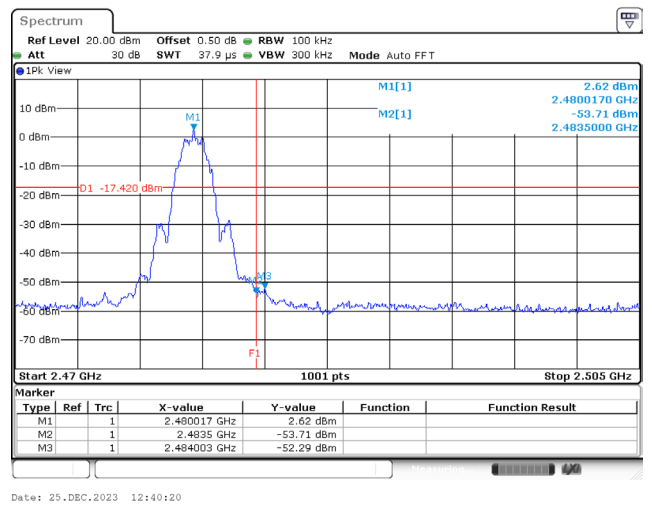


GFSK (2 Mbps) / 2440 MHz



GFSK (2 Mbps) / 2480 MHz



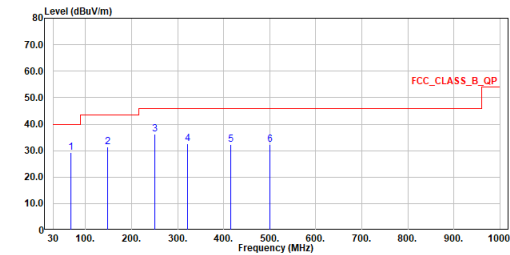
GFSK (1 Mbps) / 2402 MHz (Band Edge)**GFSK (1 Mbps) / 2480 MHz (Band Edge)****GFSK (2 Mbps) / 2402 MHz (Band Edge)****GFSK (2 Mbps) / 2480 MHz (Band Edge)**

Appendix F. Test Result of Transmitter Radiated Spurious Emission

30 MHz ~ 1 GHz

Mode 1: EUT + Adapter

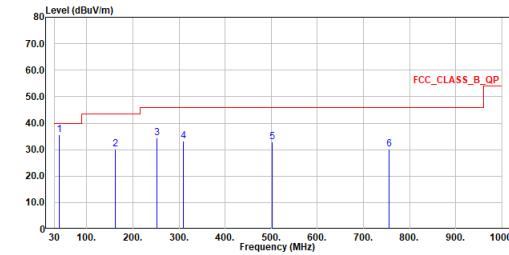
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_BLE_1M_TX_2480MHz
Test By :Nelson



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	68.025	29.32	40.00	-10.68	34.06	-4.74	QP
2	148.544	31.53	43.50	-11.97	35.97	-4.44	QP
3	250.108	36.32	46.00	-9.68	42.20	-5.88	QP
4	322.135	32.52	46.00	-13.48	36.20	-3.68	QP
5	415.628	32.36	46.00	-13.64	33.96	-1.60	QP
6	500.261	32.32	46.00	-13.68	32.05	0.27	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :LF_BLE_1M_TX_2480MHz
Test By :Nelson

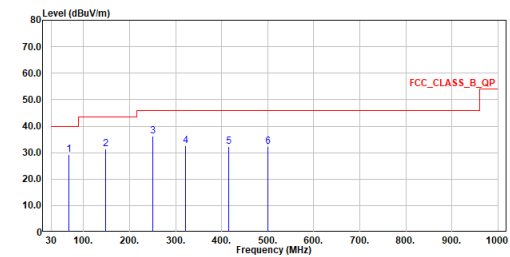


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	39.353	35.65	40.00	-4.35	38.63	-2.98	QP
2	162.502	30.12	43.50	-13.38	34.46	-4.34	QP
3	252.166	34.55	46.00	-11.45	40.43	-5.88	QP
4	309.513	33.13	46.00	-12.87	37.18	-4.05	QP
5	501.255	32.94	46.00	-13.06	32.67	0.27	QP
6	755.835	30.25	46.00	-15.75	25.46	4.79	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Mode 2: EUT + PoE

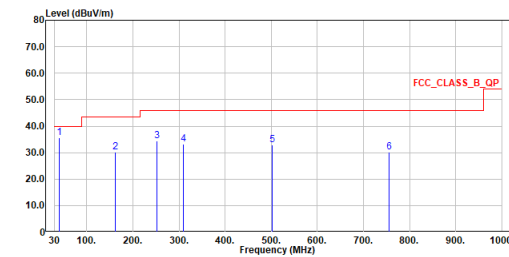
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_BLE_1M_TX_2480MHz
Test By :Nelson



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	68.025	29.32	40.00	-10.68	34.06	-4.74	QP
2	148.544	31.53	43.50	-11.97	35.97	-4.44	QP
3	250.108	36.32	46.00	-9.68	42.20	-5.88	QP
4	322.135	32.52	46.00	-13.48	36.20	-3.68	QP
5	415.628	32.36	46.00	-13.64	33.96	-1.60	QP
6	500.261	32.32	46.00	-13.68	32.05	0.27	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :LF_BLE_1M_TX_2480MHz
Test By :Nelson

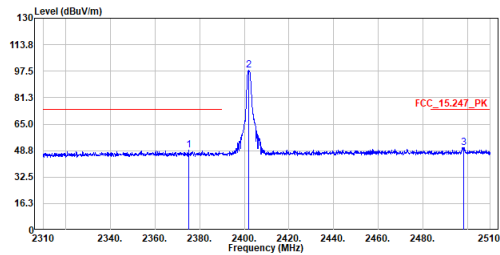


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	39.353	35.65	40.00	-4.35	38.63	-2.98	QP
2	162.502	30.12	43.50	-13.38	34.46	-4.34	QP
3	252.166	34.55	46.00	-11.45	40.43	-5.88	QP
4	309.513	33.13	46.00	-12.87	37.18	-4.05	QP
5	501.255	32.94	46.00	-13.06	32.67	0.27	QP
6	755.835	30.25	46.00	-15.75	25.46	4.79	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Above 1 GHz

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_1M_TX_2402MHz
Test By :Nelson

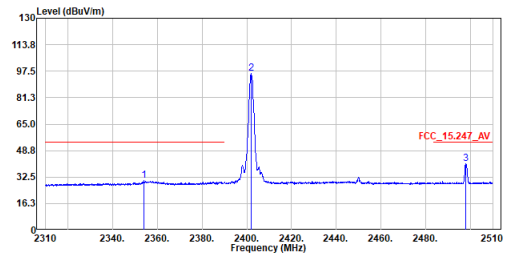


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2375.100	49.01	74.00	-24.99	37.18	11.83	Peak
2	2402.000	97.90	-----	-----	85.93	11.97	Peak
3	2498.300	50.69	74.00	-23.31	38.20	12.49	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_1M_TX_2402MHz
Test By :Nelson

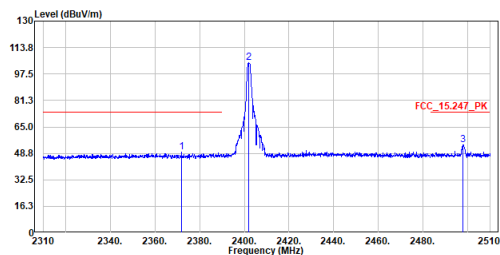


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2354.000	30.42	54.00	-23.58	18.69	11.73	Average
2	2402.000	96.16	-----	-----	84.19	11.97	Average
3	2497.900	40.87	54.00	-13.13	28.38	12.49	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_1M_TX_2402MHz
Test By :Nelson

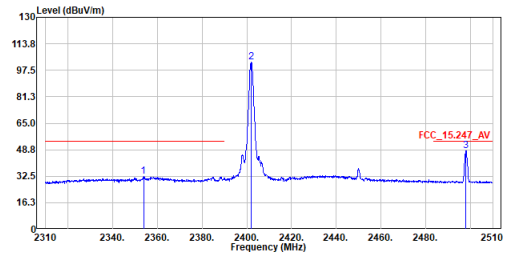


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2371.900	49.58	74.00	-24.42	37.76	11.82	Peak
2	2402.000	104.56	-----	-----	92.59	11.97	Peak
3	2497.900	53.80	74.00	-20.20	41.31	12.49	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_1M_TX_2402MHz
Test By :Nelson

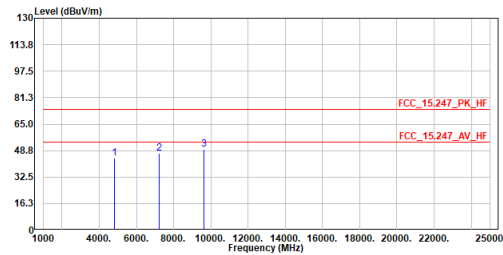


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2353.800	32.22	54.00	-21.78	20.49	11.73	Average
2	2402.000	102.72	-----	-----	90.75	11.97	Average
3	2498.000	48.19	54.00	-5.81	35.70	12.49	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_1M_TX_2402MHz
Test By :Nelson

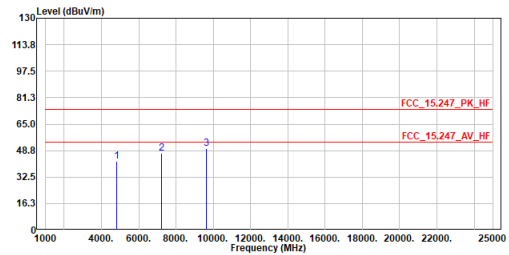


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4894.000	43.99	74.00	-30.01	58.74	-14.75	Peak
2	7296.000	47.09	74.00	-26.91	55.08	-7.99	Peak
3	9608.000	49.47	74.00	-24.53	54.03	-4.56	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_1M_TX_2402MHz
Test By :Nelson

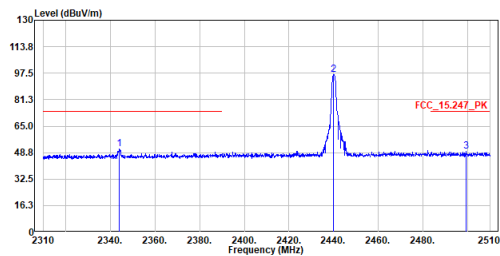


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4894.000	42.29	74.00	-31.71	57.04	-14.75	Peak
2	7296.000	46.96	74.00	-27.04	54.95	-7.99	Peak
3	9608.000	49.83	74.00	-24.17	54.39	-4.56	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_1M_TX_2440MHz
Test By :Nelson

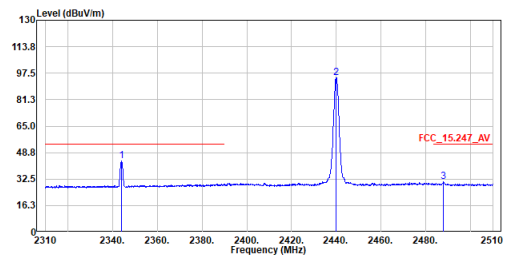


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2343.900	50.82	74.00	-23.18	39.14	11.68	Peak
2	2440.000	96.86	-----	-----	84.69	12.17	Peak
3	2499.300	49.51	74.00	-24.49	37.02	12.49	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

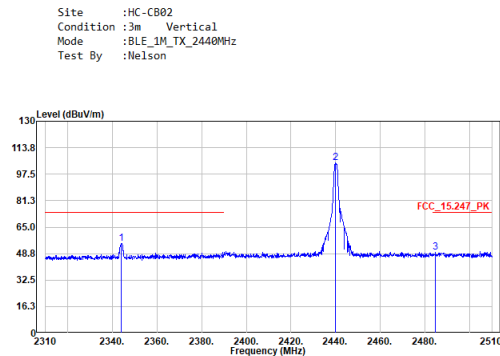
Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_1M_TX_2440MHz
Test By :Nelson



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2344.000	43.44	54.00	-10.56	31.76	11.68	Average
2	2440.000	94.81	-----	-----	82.64	12.17	Average
3	2488.000	30.86	54.00	-23.14	18.43	12.43	Average

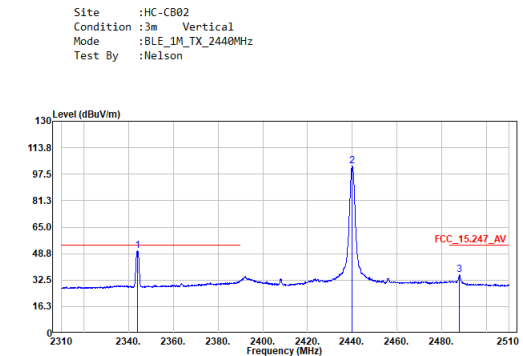
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.



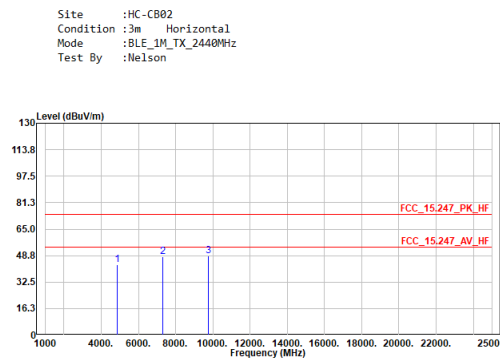
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2343.900	54.92	74.00	-19.08	43.24	11.68	Peak
2	2440.000	104.45	-----	-----	92.28	12.17	Peak
3	2484.800	49.64	74.00	-24.36	37.23	12.41	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.



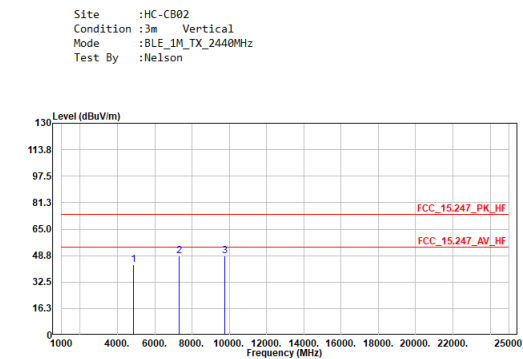
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2344.000	50.76	54.00	-3.24	39.08	11.68	Average
2	2440.000	102.33	-----	-----	90.16	12.17	Average
3	2488.000	35.82	54.00	-18.18	23.39	12.43	Average

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.



No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	43.38	74.00	-30.62	57.84	-14.46	Peak
2	7320.000	47.90	74.00	-26.10	55.76	-7.86	Peak
3	9760.000	48.52	74.00	-25.48	52.77	-4.25	Peak

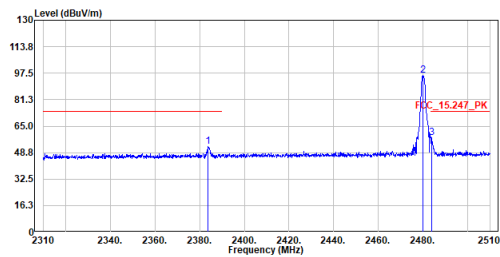
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.



No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	43.04	74.00	-30.96	57.50	-14.46	Peak
2	7320.000	48.56	74.00	-25.44	56.42	-7.86	Peak
3	9760.000	48.46	74.00	-25.54	52.71	-4.25	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_1M_TX_2480MHz
Test By :Nelson

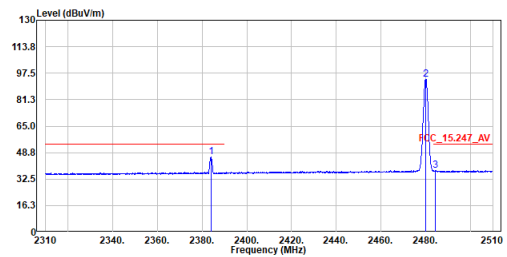


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2383.800	52.58	74.00	-21.42	40.70	11.88	Peak
2	2479.900	96.08	-----	-----	83.69	12.39	Peak
3	2483.800	57.84	74.00	-16.16	45.43	12.41	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_1M_TX_2480MHz
Test By :Nelson

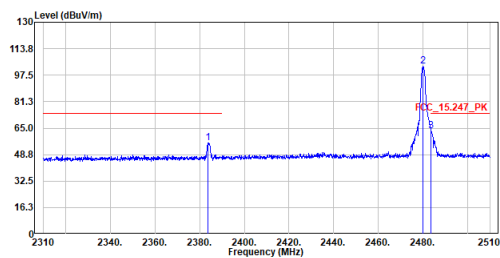


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2384.000	46.22	54.00	-7.78	34.34	11.88	Average
2	2480.000	93.91	-----	-----	81.52	12.39	Average
3	2484.200	37.70	54.00	-16.30	25.29	12.41	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_1M_TX_2480MHz
Test By :Nelson

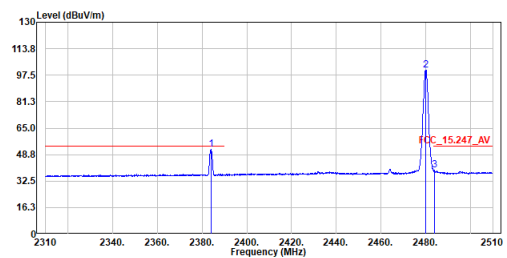


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2383.800	55.81	74.00	-18.19	43.93	11.88	Peak
2	2480.100	102.95	-----	-----	90.56	12.39	Peak
3	2483.700	63.26	74.00	-10.74	50.85	12.41	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

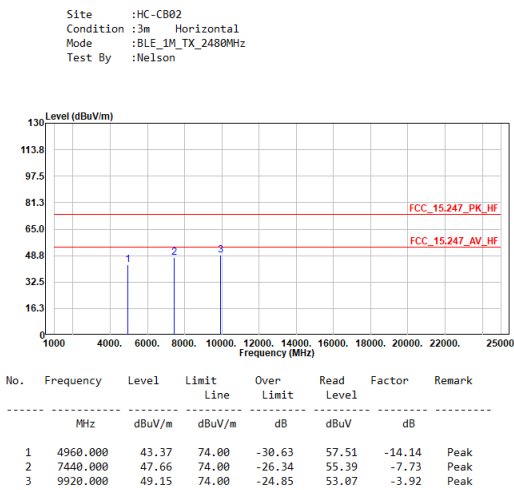
Site :HC-CB02
Condition :3m Vertical
Mode :BLE_1M_TX_2480MHz
Test By :Nelson



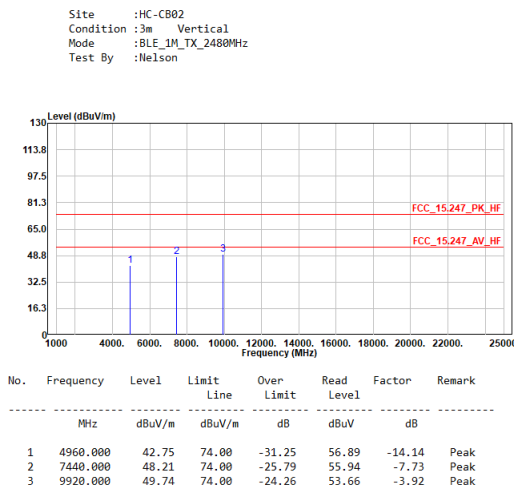
No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2383.900	52.15	54.00	-1.85	40.27	11.88	Average
2	2480.000	100.69	-----	-----	88.30	12.39	Average
3	2484.100	39.02	54.00	-14.98	26.61	12.41	Average

Note:

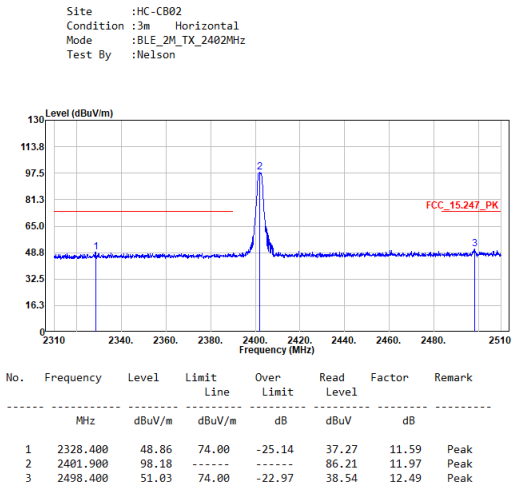
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.



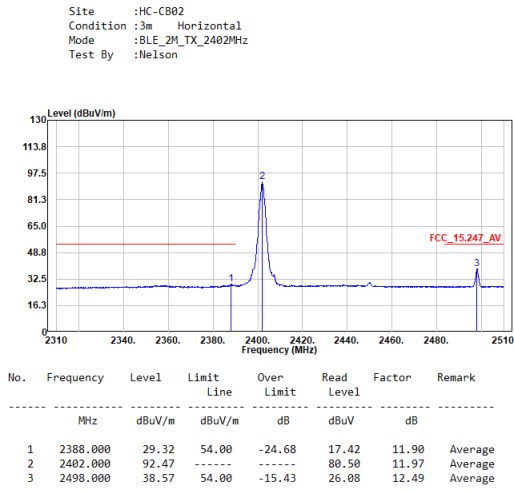
Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.



Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

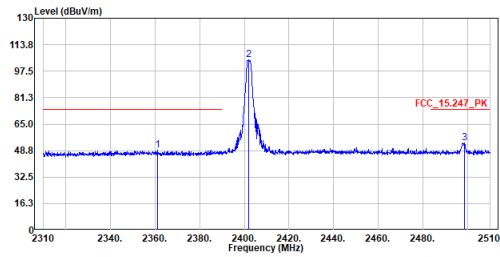


Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.



Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_2M_TX_2402MHz
Test By :Nelson

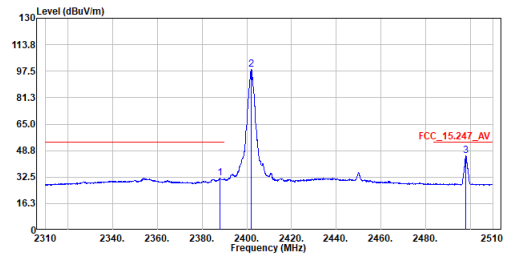


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2361.100	49.10	74.00	-24.90	37.35	11.75	Peak
2	2402.000	104.64	-----	-----	92.67	11.97	Peak
3	2498.700	53.61	74.00	-20.39	41.12	12.49	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_2M_TX_2402MHz
Test By :Nelson

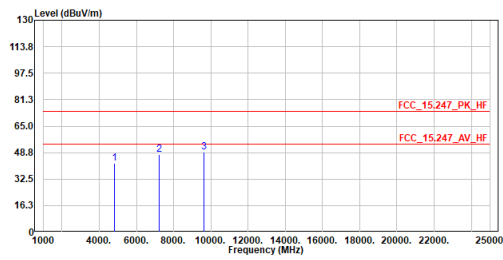


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.100	31.91	54.00	-22.09	20.01	11.90	Average
2	2402.000	98.72	-----	-----	86.75	11.97	Average
3	2498.000	45.43	54.00	-8.57	32.94	12.49	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_2M_TX_2402MHz
Test By :Nelson

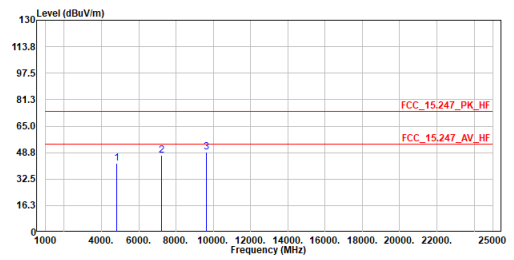


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4804.000	42.08	74.00	-31.92	56.83	-14.75	Peak
2	7206.000	47.51	74.00	-26.49	55.50	-7.99	Peak
3	9608.000	48.89	74.00	-25.11	53.45	-4.56	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_2M_TX_2402MHz
Test By :Nelson

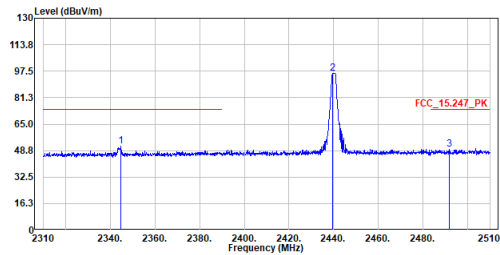


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4804.000	42.11	74.00	-31.89	56.86	-14.75	Peak
2	7206.000	47.23	74.00	-26.77	55.22	-7.99	Peak
3	9608.000	49.02	74.00	-24.98	53.58	-4.56	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_2M_TX_2440MHz
Test By :Nelson

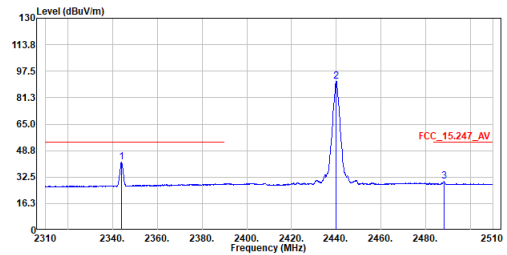


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2344.600	51.40	74.00	-22.60	39.72	11.68	Peak
2	2439.600	96.24	-----	-----	84.07	12.17	Peak
3	2491.900	49.72	74.00	-24.28	37.28	12.44	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_2M_TX_2440MHz
Test By :Nelson

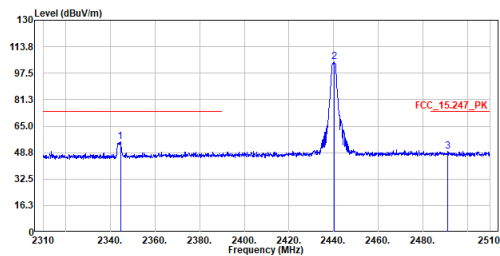


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2344.000	41.84	54.00	-12.16	30.16	11.68	Average
2	2440.000	91.25	-----	-----	79.08	12.17	Average
3	2488.100	29.73	54.00	-24.27	17.30	12.43	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_2M_TX_2440MHz
Test By :Nelson

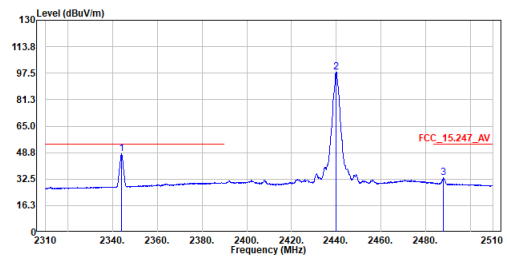


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2344.500	55.21	74.00	-18.79	43.53	11.68	Peak
2	2440.100	104.25	-----	-----	92.08	12.17	Peak
3	2491.100	49.43	74.00	-24.57	36.99	12.44	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_2M_TX_2440MHz
Test By :Nelson

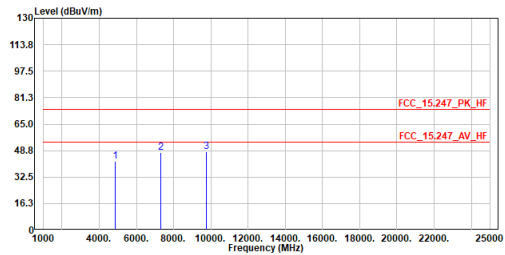


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2344.000	48.10	54.00	-5.90	36.42	11.68	Average
2	2440.000	98.31	-----	-----	86.14	12.17	Average
3	2488.000	33.21	54.00	-20.79	20.78	12.43	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_2M_TX_2440MHz
Test By :Nelson

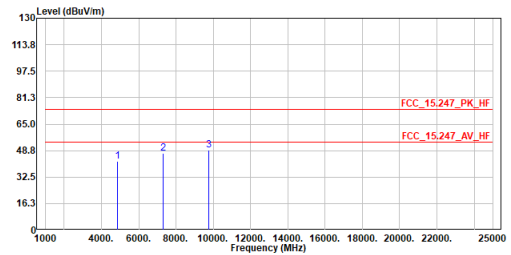


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	42.20	74.00	-31.80	56.66	-14.46	Peak
2	7320.000	47.41	74.00	-26.59	55.27	-7.86	Peak
3	9760.000	48.27	74.00	-25.73	52.52	-4.25	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_2M_TX_2440MHz
Test By :Nelson

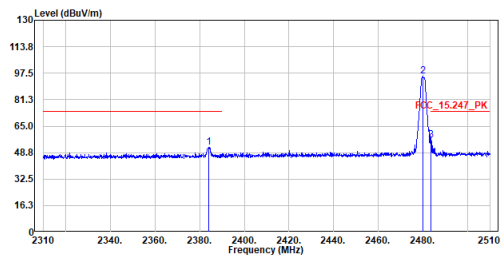


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	42.27	74.00	-31.73	56.73	-14.46	Peak
2	7320.000	47.17	74.00	-26.83	55.03	-7.86	Peak
3	9760.000	48.85	74.00	-25.15	53.10	-4.25	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_2M_TX_2480MHz
Test By :Nelson

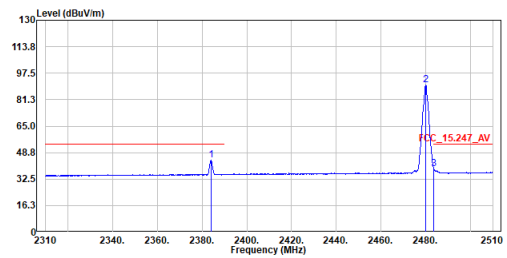


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2384.000	52.05	74.00	-21.95	40.17	11.88	Peak
2	2479.900	95.87	-----	-----	83.48	12.39	Peak
3	2483.600	56.54	74.00	-17.46	44.14	12.40	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_2M_TX_2480MHz
Test By :Nelson

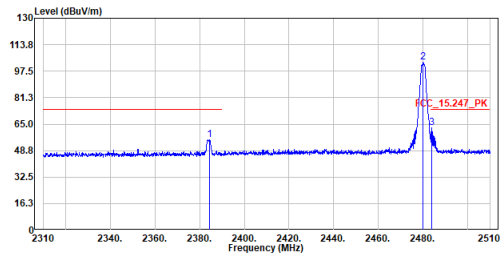


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2383.900	44.01	54.00	-9.99	32.13	11.88	Average
2	2480.100	90.23	-----	-----	77.84	12.39	Average
3	2483.600	38.61	54.00	-15.39	26.21	12.40	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_2M_TX_2480MHz
Test By :Nelson

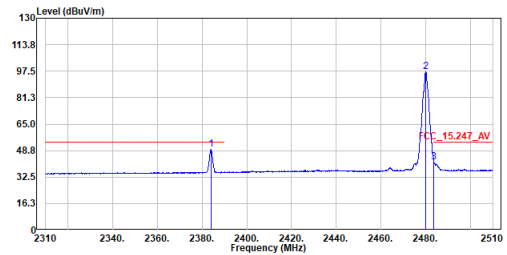


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2384.400	55.57	74.00	-18.43	43.69	11.88	Peak
2	2480.100	102.82	-----	-----	90.43	12.39	Peak
3	2483.800	62.98	74.00	-11.02	50.57	12.41	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_2M_TX_2480MHz
Test By :Nelson

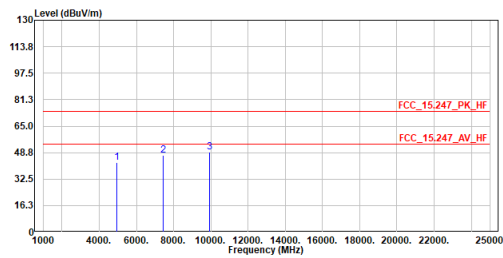


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2384.000	49.62	54.00	-4.38	37.74	11.88	Average
2	2480.000	96.91	-----	-----	84.52	12.39	Average
3	2483.600	41.91	54.00	-12.09	29.51	12.40	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Horizontal
Mode :BLE_2M_TX_2480MHz
Test By :Nelson

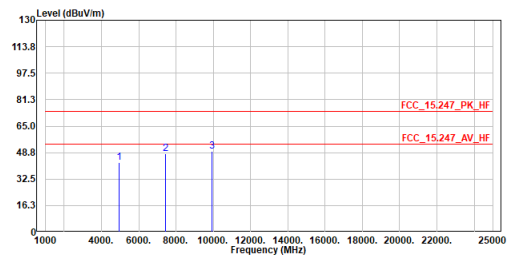


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4960.000	42.53	74.00	-31.47	56.67	-14.14	Peak
2	7440.000	47.25	74.00	-26.75	54.98	-7.73	Peak
3	9920.000	49.13	74.00	-24.87	53.05	-3.92	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :BLE_2M_TX_2480MHz
Test By :Nelson



No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4960.000	42.75	74.00	-31.25	56.89	-14.14	Peak
2	7440.000	47.84	74.00	-26.16	55.57	-7.73	Peak
3	9920.000	49.65	74.00	-24.35	53.57	-3.92	Peak

Note:

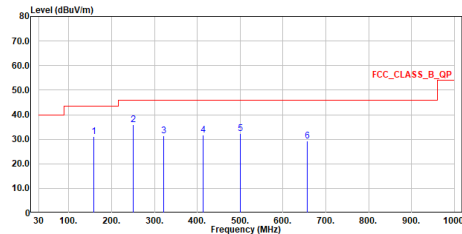
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Appendix G. Test Result of Radiated Emissions Co-location

30 MHz ~ 1 GHz:

Mode 1: EUT + Adapter: WiFi 2.4 GHz + WiFi 5 GHz + Bluetooth LE function

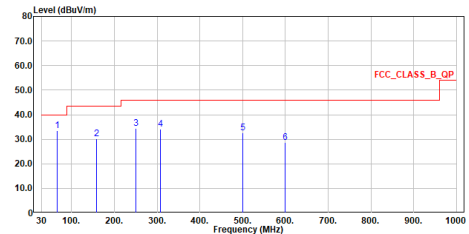
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_Co-location_WIFI 2.4G+5G+BLE
Test By :Nelson



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	157.846	30.99	43.50	-12.51	35.29	-4.30	QP
2	249.996	35.93	46.00	-10.07	41.81	-5.88	QP
3	321.291	31.29	46.00	-14.71	34.95	-3.66	QP
4	413.732	31.57	46.00	-14.43	33.23	-1.66	QP
5	499.965	32.30	46.00	-13.70	32.03	0.27	QP
6	655.747	29.17	46.00	-16.83	25.92	3.25	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :LF_Co-location_WIFI 2.4G+5G+BLE
Test By :Nelson

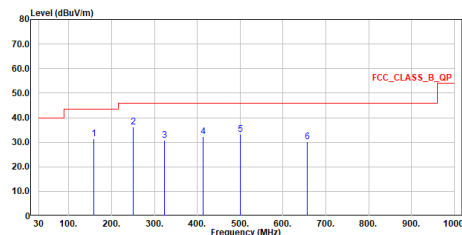


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	66.569	33.42	40.00	-6.58	38.37	-4.95	QP
2	158.040	30.13	43.50	-13.37	34.46	-4.33	QP
3	249.996	34.32	46.00	-11.68	40.20	-5.88	QP
4	308.293	34.18	46.00	-11.82	38.23	-4.05	QP
5	499.965	32.54	46.00	-13.46	32.27	0.27	QP
6	599.972	28.72	46.00	-17.28	26.11	2.61	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Mode 2: EUT + PoE: WiFi 2.4 GHz + WiFi 5 GHz + Bluetooth LE function

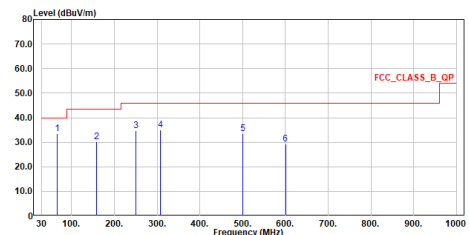
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_Co-location_WIFI 2.4G+5G+BLE
Test By :Nelson



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	158.216	31.29	43.50	-12.21	35.59	-4.30	QP
2	250.151	36.21	46.00	-9.79	42.09	-5.88	QP
3	322.924	30.65	46.00	-15.35	34.31	-3.66	QP
4	414.023	32.16	46.00	-13.84	33.62	-1.66	QP
5	500.132	33.16	46.00	-12.84	32.89	0.27	QP
6	655.895	30.21	46.00	-15.79	26.96	3.25	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :LF_Co-location_WIFI 2.4G+5G+BLE
Test By :Nelson

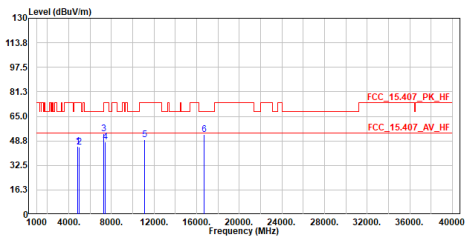


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	66.132	33.55	40.00	-6.45	38.50	-4.95	QP
2	158.486	30.32	43.50	-13.18	34.65	-4.33	QP
3	250.157	34.61	46.00	-11.39	40.49	-5.88	QP
4	308.370	35.12	46.00	-10.88	39.17	-4.05	QP
5	500.123	33.54	46.00	-12.46	33.27	0.27	QP
6	600.125	29.35	46.00	-16.65	26.74	2.61	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.
5. The other emission levels were very low against the limit.

Above 1 GHz:
WiFi 2.4 GHz + WiFi 5 GHz + Bluetooth LE function

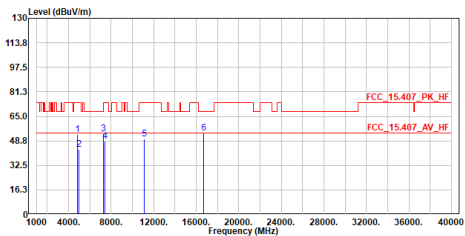
Site :HC-CB02
Condition :3m Horizontal
Mode :Co-location_WIFI_2.4G+WIFI_5G+BLE
Test by :Nelson



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4844.000	44.91	74.00	-29.09	59.51	-14.60	Peak
2	4960.000	44.54	74.00	-29.46	58.68	-14.14	Peak
3	7266.000	53.61	74.00	-20.39	61.54	-7.93	Peak
4	7440.000	48.22	74.00	-25.78	55.95	-7.73	Peak
5	11140.000	49.62	74.00	-24.38	51.96	-2.34	Peak
6	16710.000	52.92	68.20	-15.28	51.16	1.76	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Site :HC-CB02
Condition :3m Vertical
Mode :Co-location_WIFI_2.4G+WIFI_5G+BLE
Test by :Nelson



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4844.000	53.17	74.00	-20.83	67.77	-14.60	Peak
2	4960.000	43.13	74.00	-30.87	57.27	-14.14	Peak
3	7266.000	53.62	74.00	-20.38	61.55	-7.93	Peak
4	7440.000	48.62	74.00	-25.38	56.35	-7.73	Peak
5	11140.000	50.23	74.00	-23.77	52.57	-2.34	Peak
6	16710.000	53.95	68.20	-14.25	52.19	1.76	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.