

Test Report No:
2550034R-RFUSV01S-B

TEST REPORT

FCC Rules&Regulations

Product Name	Wi-Fi 6 Access Point
Brand Name	ERICSSON
Model No.	S1A527A
FCC ID	UXX-S1A527AB
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	 Jennie She
Approved By	 Allen Lin
Date of Receipt	May 02, 2025
Date of Issue	May 23, 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	May 23, 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	-

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	Description
1	Wall mount (Metal)	-

The EUT has two sources for marketing.

Source	Location: U12			Location: R135
Main source	PHY IC	Brand: ECONET	P/N: EN8801SN	N/A
Second source	PHY IC	Brand: AIROHA	P/N: AN8801SBN	Resistor

Main source was selected as representative model for the test and its data was recorded in this report.

Antenna Information				
Ant.	Brand Name	Model No.	Type	Gain (dBi)
1	ACCTON Technology Corporation	KG568-T4-175G17U7S	Dipole	5.21

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 (TAF: 3024)	ADD: No.372-2, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.	
2 (TAF: 3024)	ADD: No.372, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County 31061, Taiwan, R.O.C. TEL: +886-3-582-8001 FAX: +886-3-582-8958 Test site Designation No. TW3024 with FCC. Conformity Assessment Body Identifier (CABID) TW3024 with ISED.	
Test site number for address 1 includes HC-SR02 and HC-CB10. 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	22~25 / 48~49	2025/05/07~2025/05/12
RF Conducted Emission	HC-SR12	Kevin Teng	25~25.2 / 48.5~49.3	2025/05/07~2025/05/12
Radiated Emission	HC-CB04	Jason Yang Cyril Chen	21~23 / 53~63	2025/05/02~2025/05/14

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	2024/12/02	2025/12/01
EMI Test Receiver	R&S	ESR3	102608	9 kHz - 3.6 GHz	2024/09/11	2025/09/10
Two-Line V-Network	R&S	ENV216	100096	9kHz-30MHz	2024/06/03	2025/06/02
Coaxial Cable(9 m)	Harbour	RG-400	HC-SR02	9 kHz-2500 MHz	2024/08/15	2025/08/14
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	2024/10/29	2025/10/28
Pulse Power Sensor	Anritsu	MA2411B	1531043	0.3-40 GHz	2024/10/29	2025/10/28
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2024/06/20	2025/06/19

HC-CB04

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal and Spectrum Analyzer	R&S	FSVA40	101435	10 Hz-40 GHz	2024/05/17	2025/05/16
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1209	30 MHz-2 GHz	2024/06/11	2025/06/10
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211212A18E N	1G-18GHz	2024/11/26	2025/11/25
Coaxial Cable	Huber+Suhner	SF104	HC-CB04	30 MHz-18 GHz, 11m	2024/08/07	2025/08/06
Pre-Amplifier	EMCI	EMC01820I	980364	30M-8 GHz,20 dB	2024/06/04	2025/06/03
Pre-Amplifier	EMEC	EM01G18GA	060835	1-18 GHz,50 dB	2024/07/16	2025/07/15

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

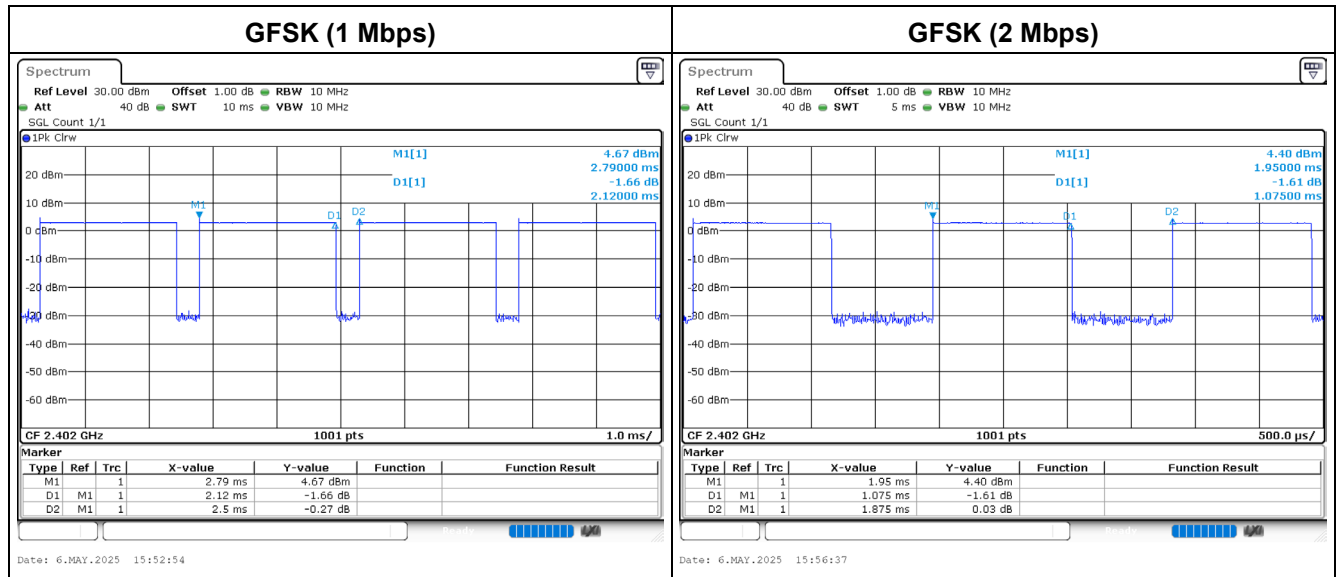
2.2. Test Frequency Mode

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)	2.120	2.500	84.80	0.72	0.472
GFSK (2 Mbps)	1.075	1.875	57.33	2.42	0.930



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

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
1	EUT + Adapter

Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Transmit
1	Bluetooth LE + WiFi 2.4 GHz + WiFi 5 GHz
Refer to Appendix G for Radiated Emission Co-location.	

Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	Transmit
1	Bluetooth LE + WiFi 2.4 GHz + WiFi 5 GHz
Refer to DEKRA Test Report No.: 2550034R-RFUSV17S-A 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

Test Mode: Mode1

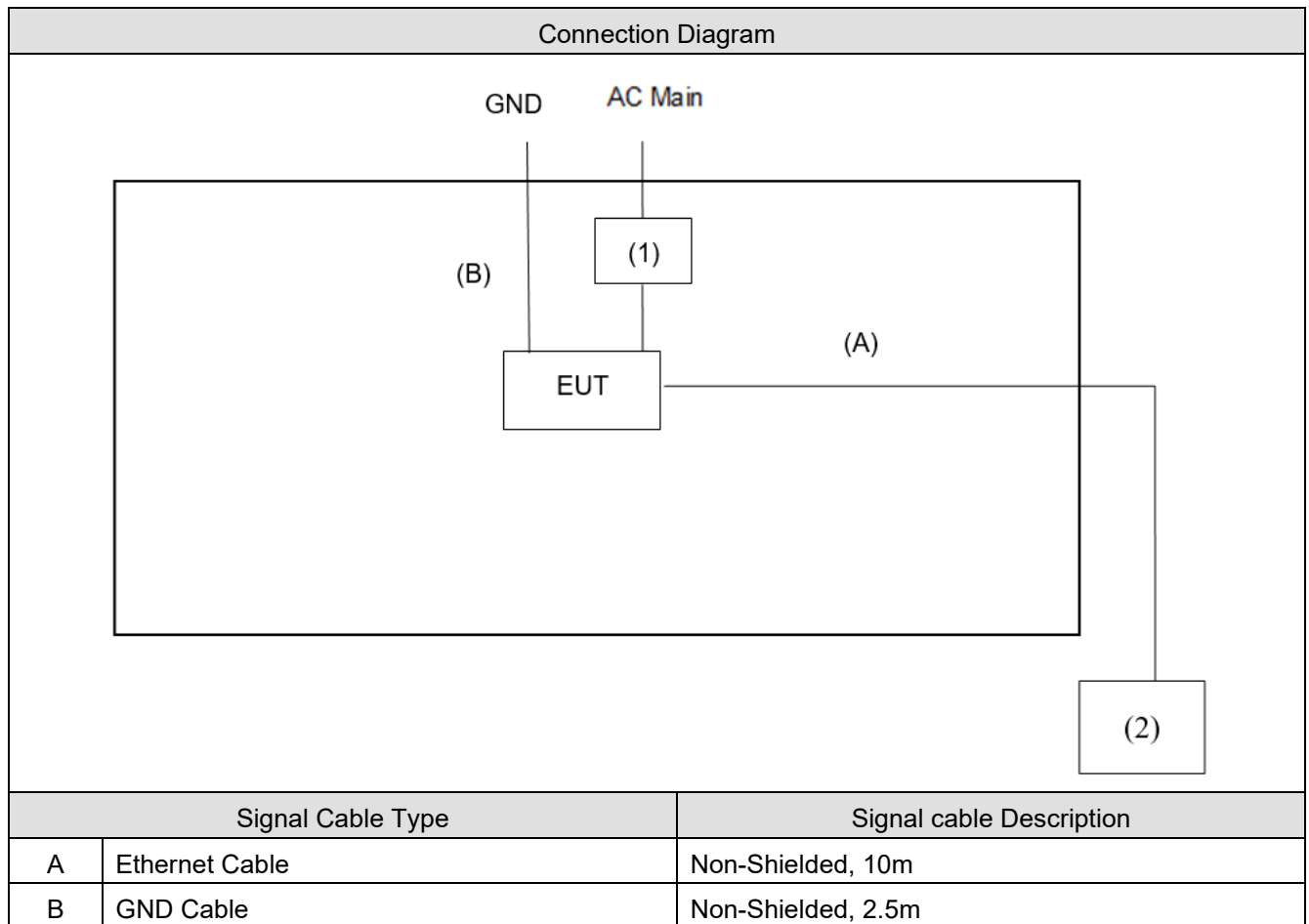
No.	Equipment	Brand Name	Model No.	Serial No.
1	Adapter	PHIHONG	WB-24J12R	N/A
2	Notebook	Lenovo	Lenovo Ideapad 320	PF0SXXY1

Test Mode: Mode2

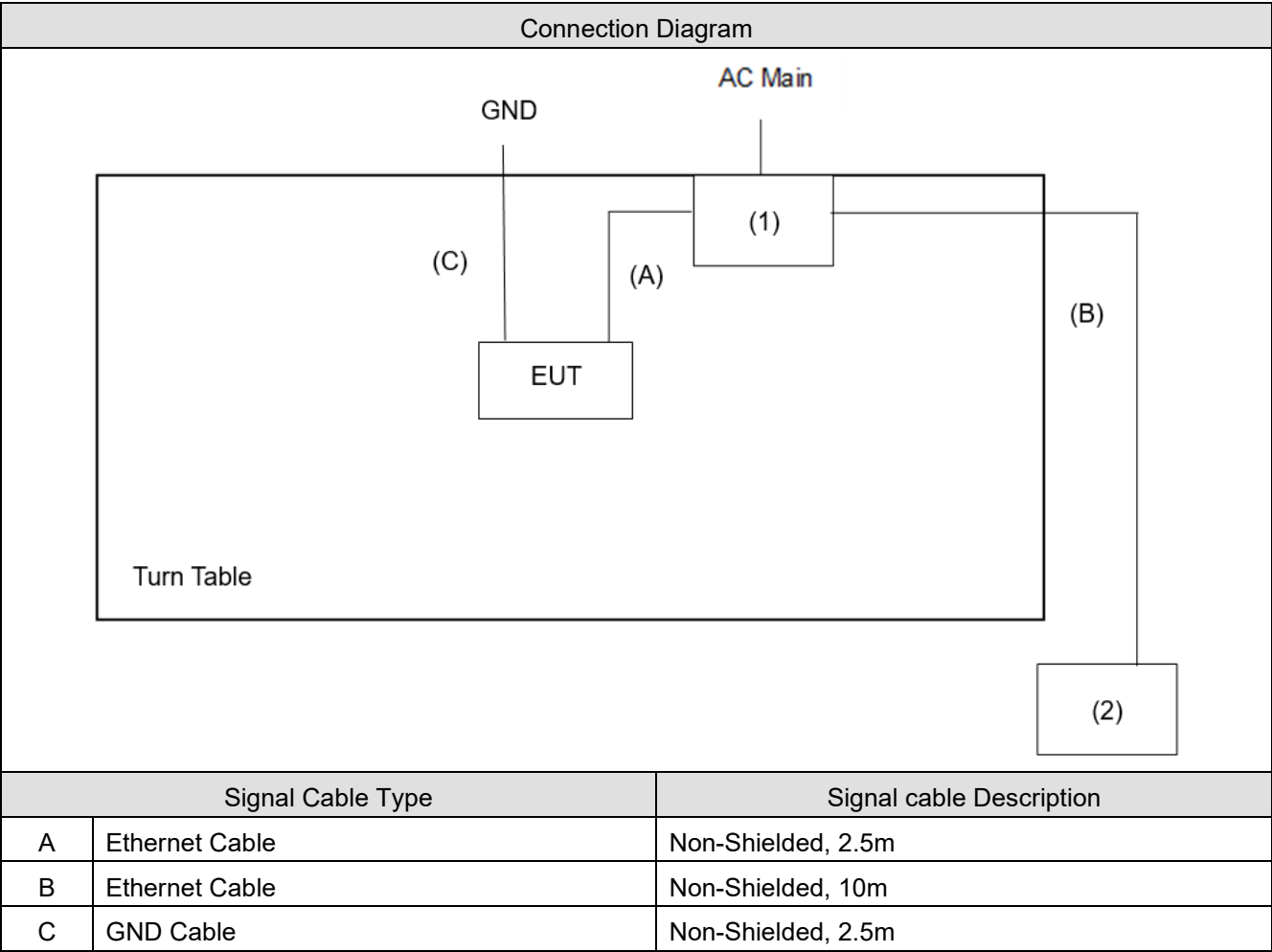
No.	Equipment	Brand Name	Model No.	Serial No.
1	PoE Injector	PHIHONG	POE29U-1AT(PL)	N/A
2	Notebook	Lenovo	Lenovo Ideapad 320	PF0SXXY1

2.6. Configuration of Tested System

Test Mode: Mode1

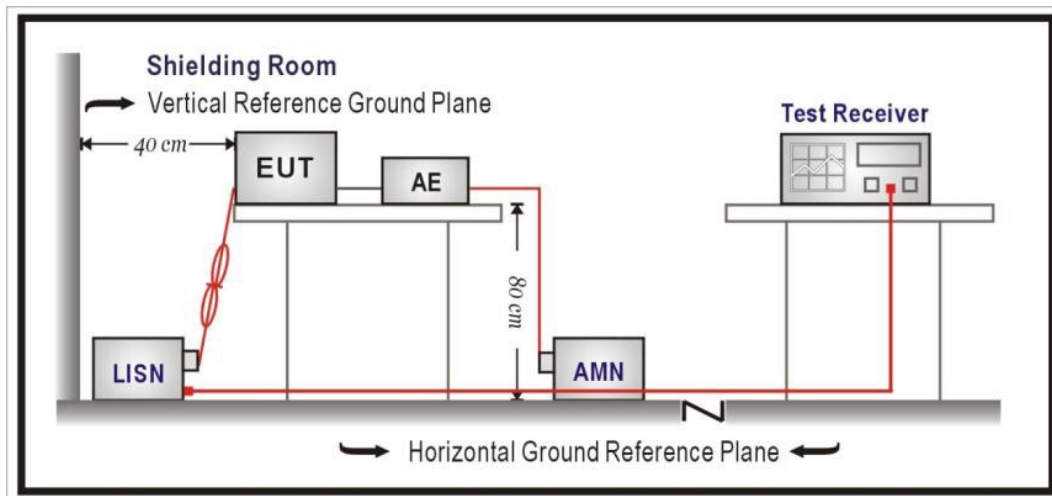


Test Mode: Mode2



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

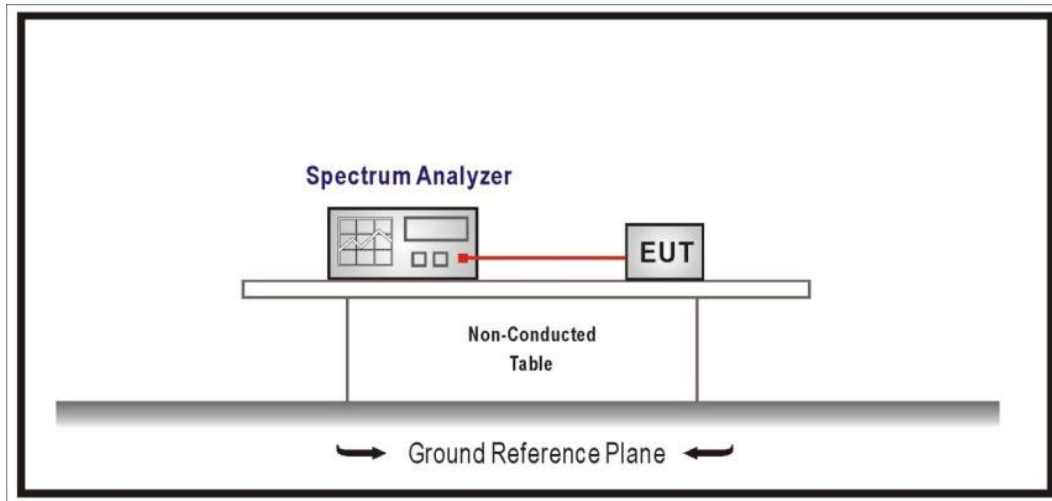
The EUT was setup according to ANSI C63.10: 2013 for AC Power Line Conducted Emissions.

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

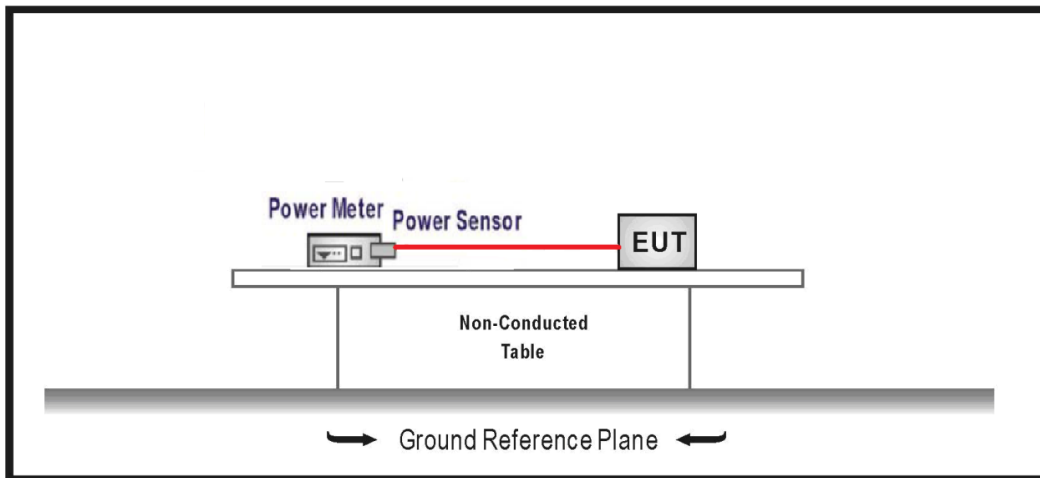
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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

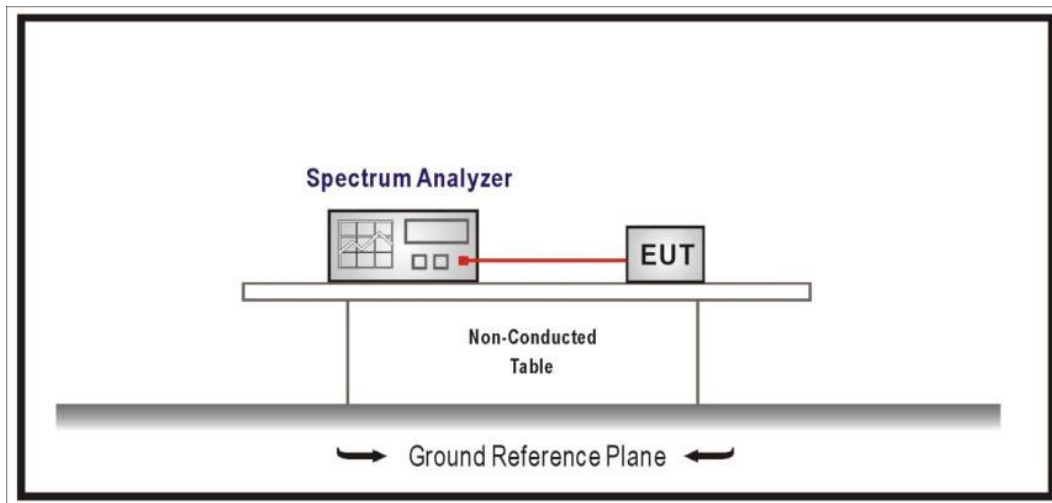
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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

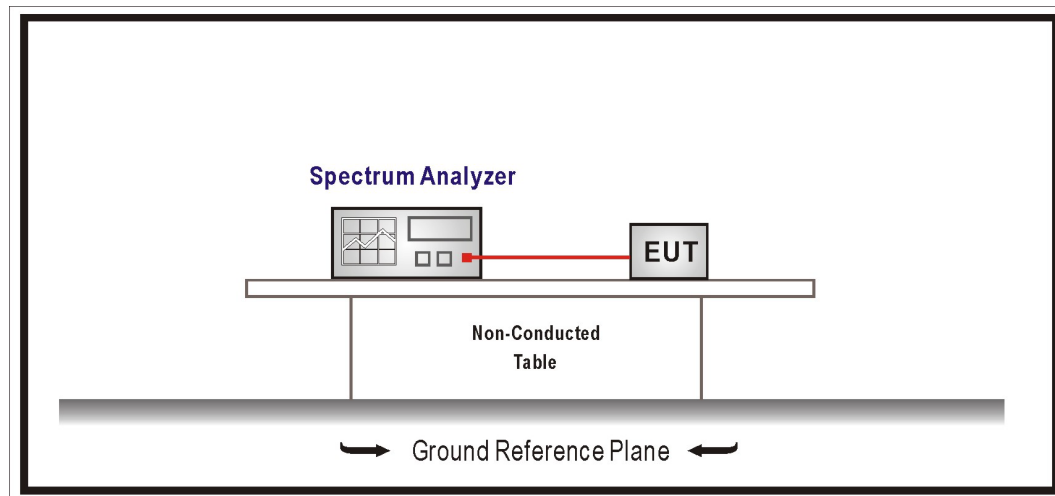
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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.

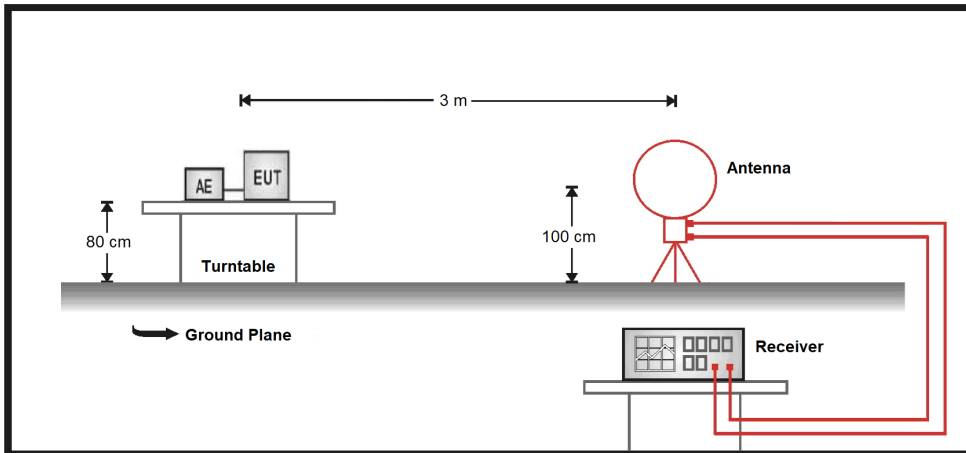
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

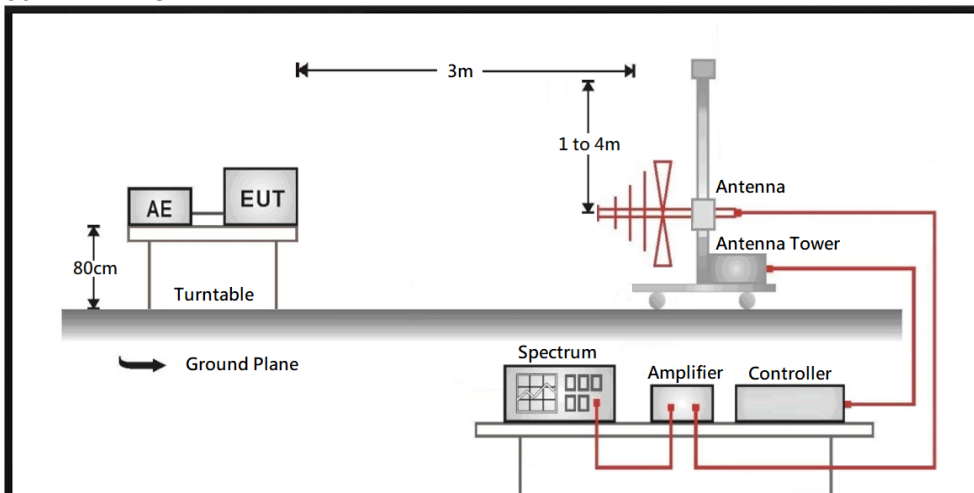
8. Transmitter Radiated Spurious Emission

8.1. Test Setup

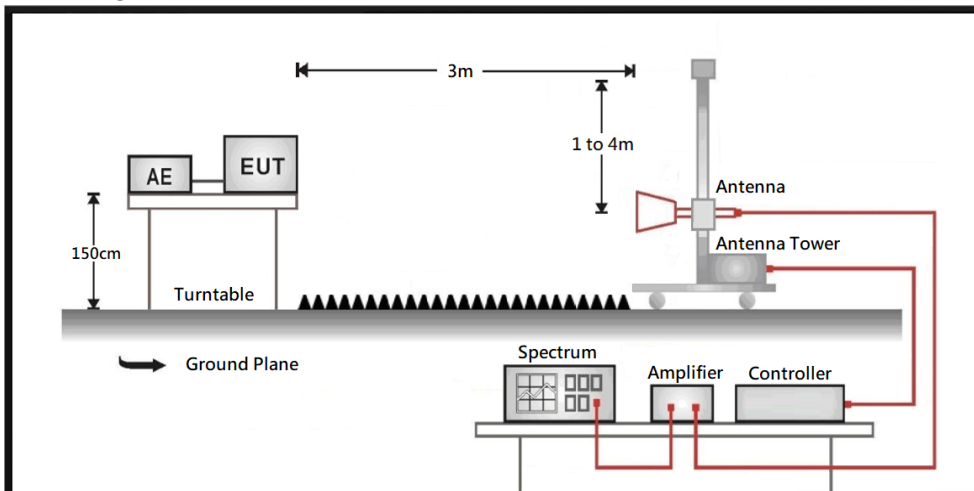
9 kHz ~ 30 MHz



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 (Below 30 MHz)

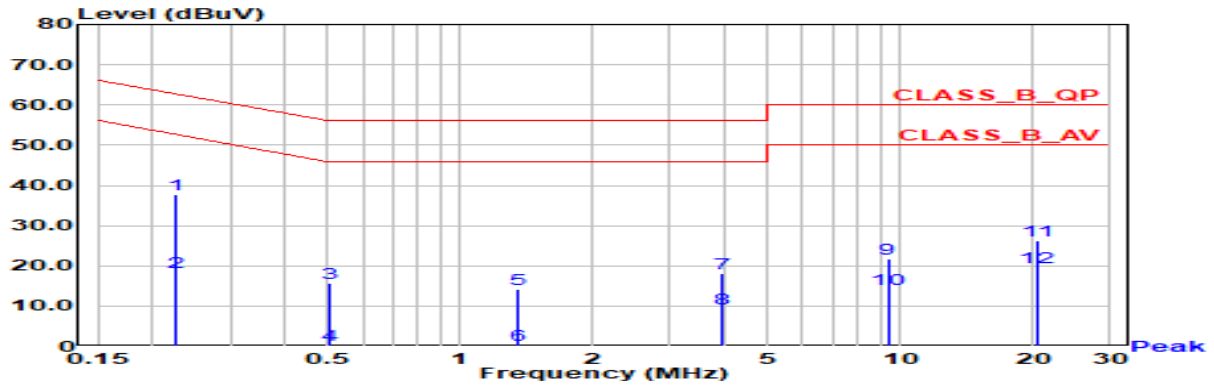
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

8.5. 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	Phase	Line
Test Condition	BLE_TX		

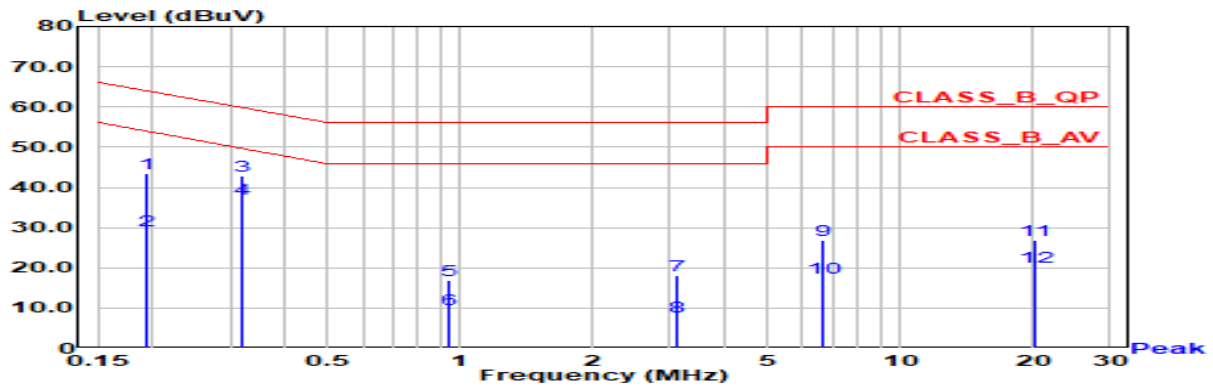


No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
*1	0.224	37.77	62.65	-24.89	28.14	9.63	QP
2	0.224	18.54	52.65	-34.11	8.91	9.63	AV
3	0.504	15.71	56.00	-40.29	6.06	9.65	QP
4	0.504	0.35	46.00	-45.65	-9.30	9.65	AV
5	1.359	14.32	56.00	-41.68	4.60	9.72	QP
6	1.359	0.19	46.00	-45.81	-9.53	9.72	AV
7	3.938	18.23	56.00	-37.77	8.38	9.85	QP
8	3.938	9.27	46.00	-36.73	-0.58	9.85	AV
9	9.370	21.81	60.00	-38.19	11.76	10.05	QP
10	9.370	14.14	50.00	-35.86	4.09	10.05	AV
11	20.378	26.39	60.00	-33.61	16.11	10.27	QP
12	20.378	19.54	50.00	-30.46	9.26	10.27	AV

Note:

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	Phase	Neutral
Test Condition	BLE_TX		

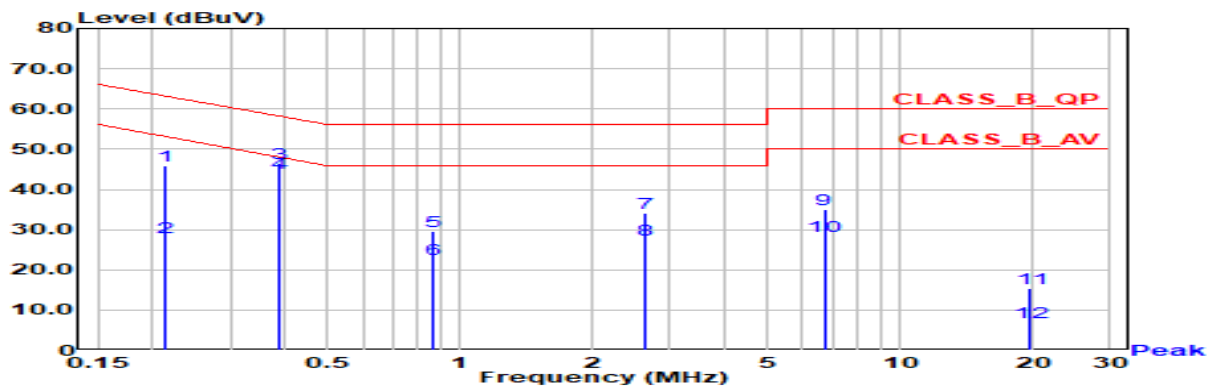


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.193	43.40	63.89	-20.49	33.77	9.62	QP
2	0.193	29.24	53.89	-24.65	19.62	9.62	AV
3	0.317	42.75	59.78	-17.03	33.12	9.63	QP
*4	0.317	37.09	49.78	-12.69	27.46	9.63	AV
5	0.936	16.97	56.00	-39.03	7.27	9.70	QP
6	0.936	9.63	46.00	-36.37	-0.07	9.70	AV
7	3.088	18.02	56.00	-37.98	8.20	9.82	QP
8	3.088	7.81	46.00	-38.19	-2.01	9.82	AV
9	6.666	26.97	60.00	-33.03	16.99	9.98	QP
10	6.666	17.63	50.00	-32.37	7.65	9.98	AV
11	20.270	26.78	60.00	-33.22	16.31	10.47	QP
12	20.270	20.10	50.00	-29.90	9.63	10.47	AV

Note:

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	Phase	Line
Test Condition	BLE_TX		

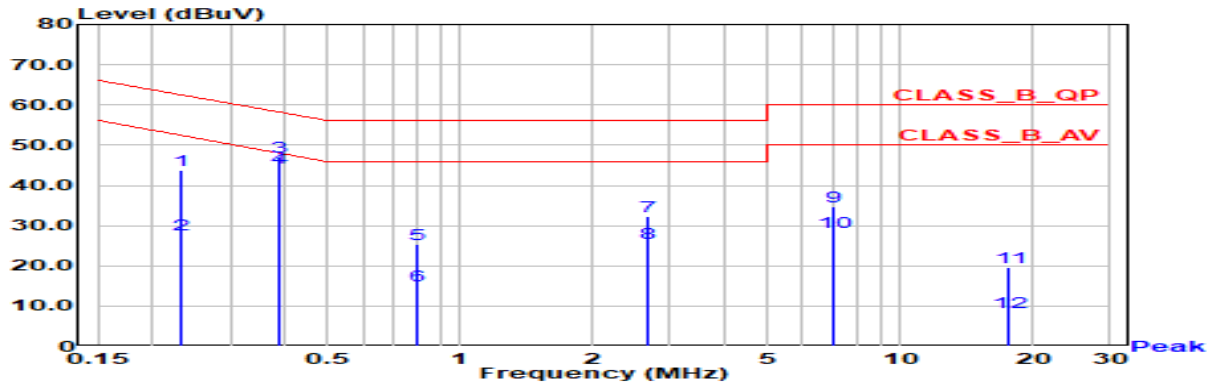


No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
1	0.212	46.01	63.11	-17.11	36.38	9.63	QP
2	0.212	28.05	53.11	-25.06	18.43	9.63	AV
3	0.388	46.46	58.10	-11.64	36.82	9.64	QP
*4	0.388	44.13	48.10	-3.97	34.49	9.64	AV
5	0.861	29.47	56.00	-26.53	19.78	9.69	QP
6	0.861	22.56	46.00	-23.44	12.87	9.69	AV
7	2.624	34.07	56.00	-21.93	24.28	9.79	QP
8	2.624	27.60	46.00	-18.40	17.81	9.79	AV
9	6.716	34.98	60.00	-25.02	25.02	9.96	QP
10	6.716	28.25	50.00	-21.75	18.29	9.96	AV
11	19.764	15.50	60.00	-44.50	5.24	10.27	QP
12	19.764	6.88	50.00	-43.12	-3.39	10.27	AV

Note:

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	Phase	Neutral
Test Condition	BLE_TX		



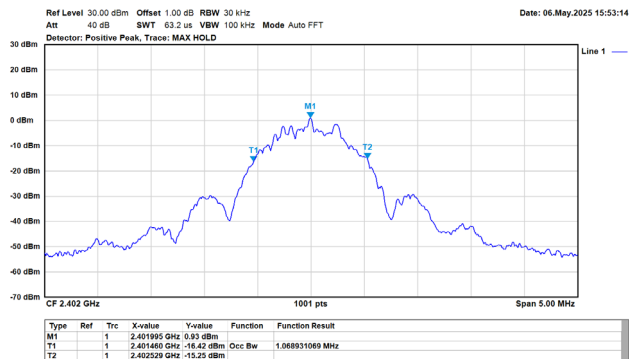
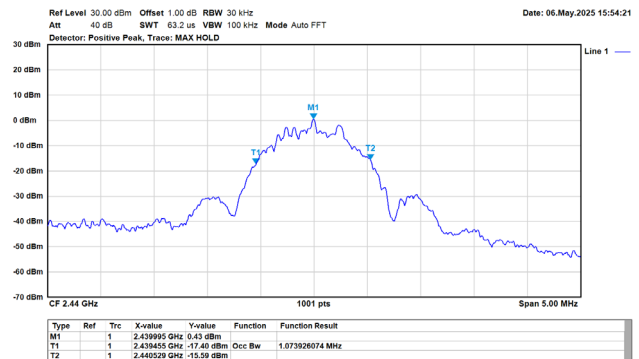
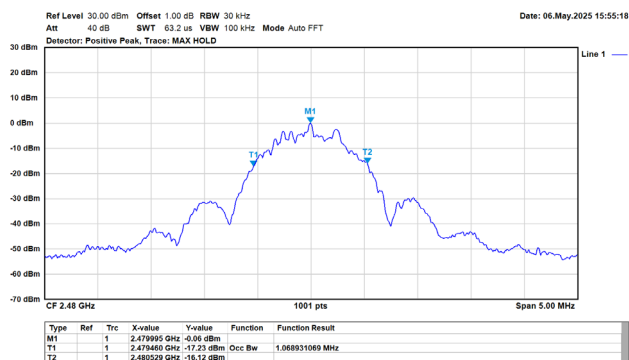
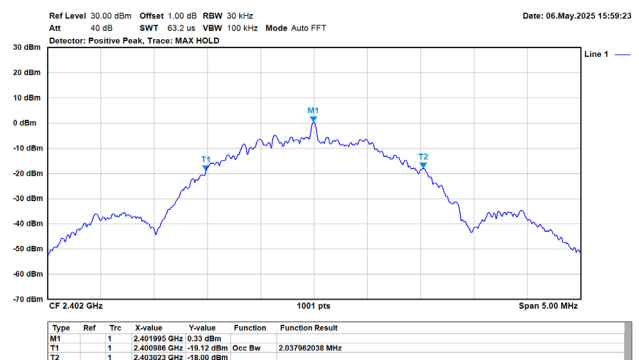
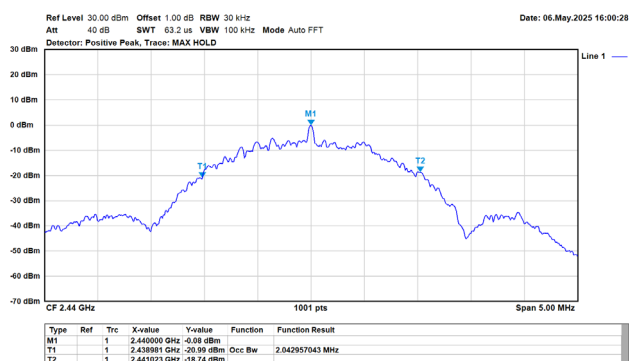
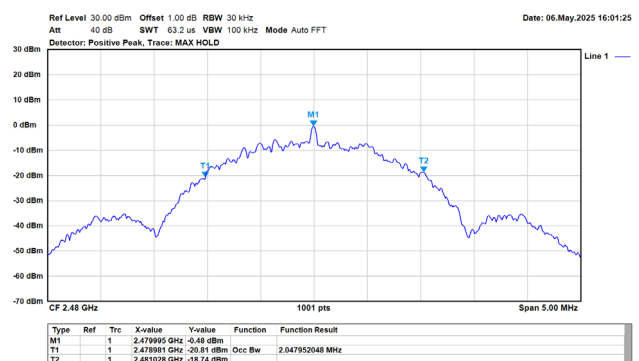
No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.231	43.82	62.40	-18.57	34.20	9.63	QP
2	0.231	27.70	52.40	-24.69	18.08	9.63	AV
3	0.388	47.05	58.11	-11.06	37.41	9.64	QP
*4	0.388	44.36	48.11	-3.75	34.72	9.64	AV
5	0.801	25.35	56.00	-30.65	15.66	9.69	QP
6	0.801	14.95	46.00	-31.05	5.26	9.69	AV
7	2.682	32.26	56.00	-23.74	22.46	9.80	QP
8	2.682	25.74	46.00	-20.26	15.94	9.80	AV
9	7.080	34.77	60.00	-25.23	24.77	10.00	QP
10	7.080	28.49	50.00	-21.51	18.49	10.00	AV
11	17.660	19.58	60.00	-40.42	9.20	10.38	QP
12	17.660	8.31	50.00	-41.69	-2.07	10.38	AV

Note:

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

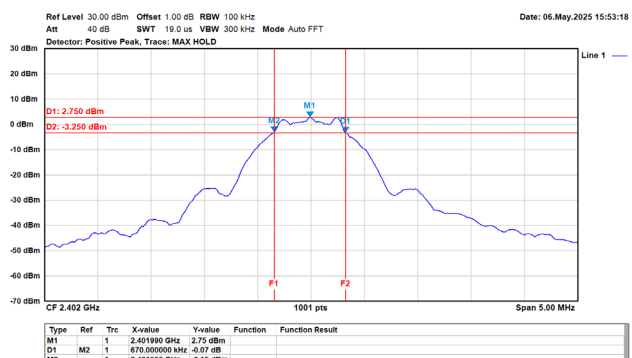
Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
GFSK (1 Mbps)	2402	1.07	-
	2440	1.07	-
	2480	1.07	-
GFSK (2 Mbps)	2402	2.04	-
	2440	2.04	-
	2480	2.05	-

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**

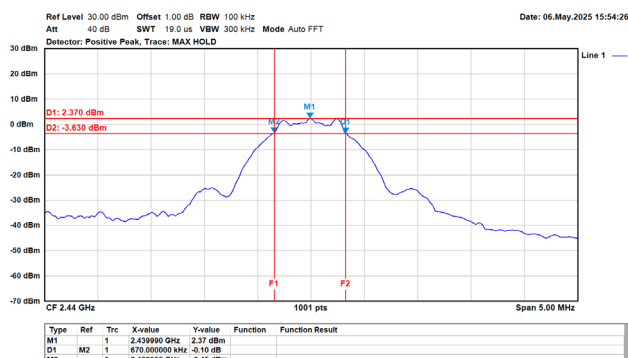
Appendix B.2 Test Result of DTS Bandwidth

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
GFSK (1 Mbps)	2402	0.67	0.50	Pass
	2440	0.67	0.50	Pass
	2480	0.68	0.50	Pass
GFSK (2 Mbps)	2402	1.13	0.50	Pass
	2440	1.14	0.50	Pass
	2480	1.13	0.50	Pass

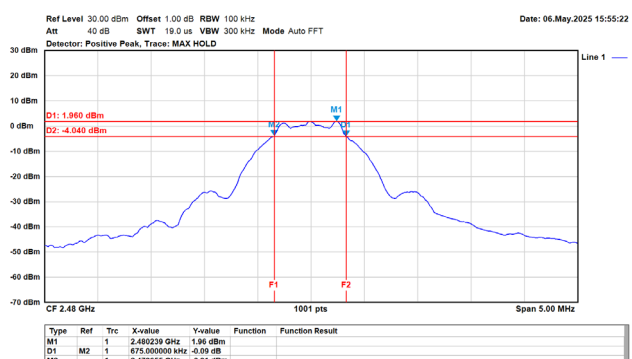
GFSK (1 Mbps) / 2402 MHz



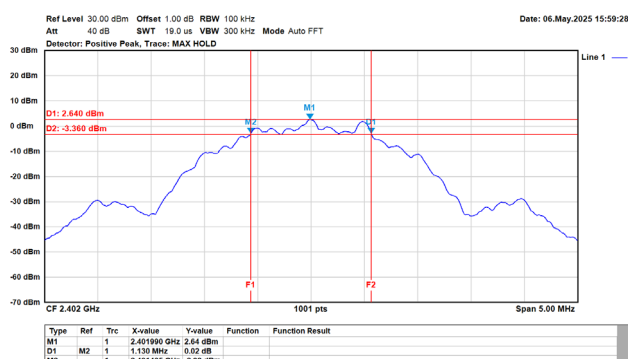
GFSK (1 Mbps) / 2440 MHz



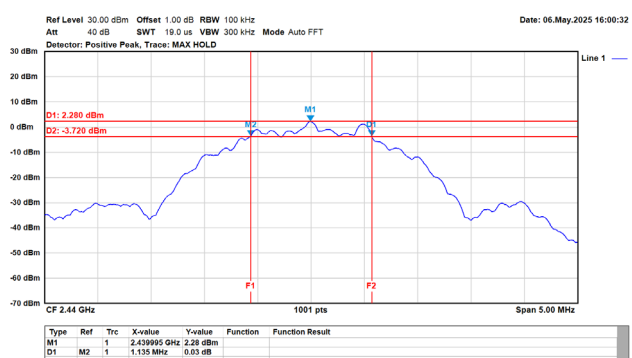
GFSK (1 Mbps) / 2480 MHz



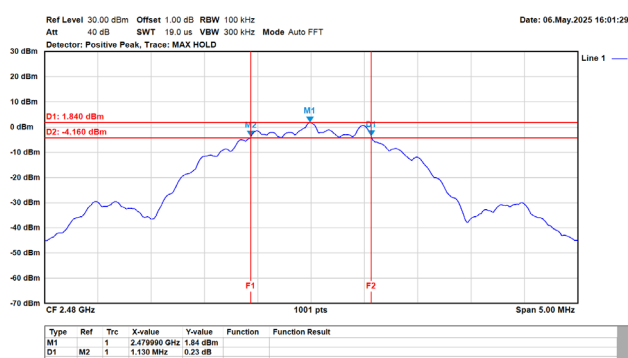
GFSK (2 Mbps) / 2402 MHz



GFSK (2 Mbps) / 2440 MHz



GFSK (2 Mbps) / 2480 MHz

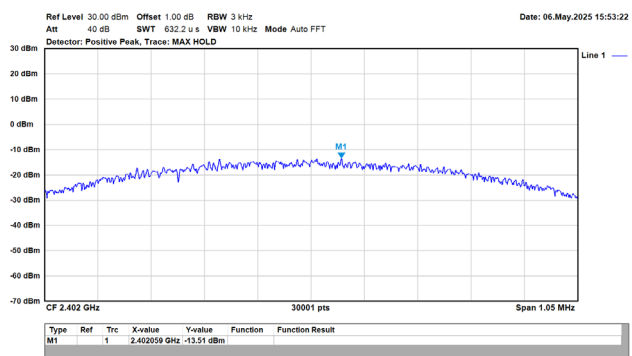
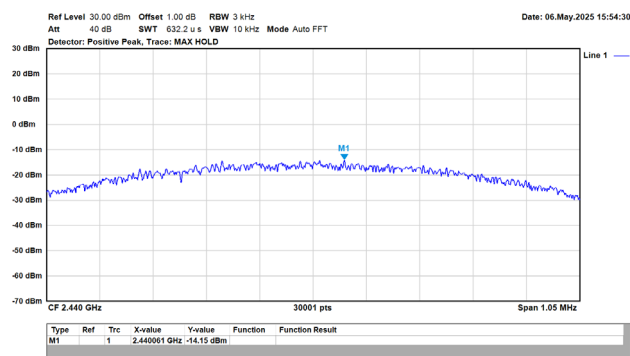
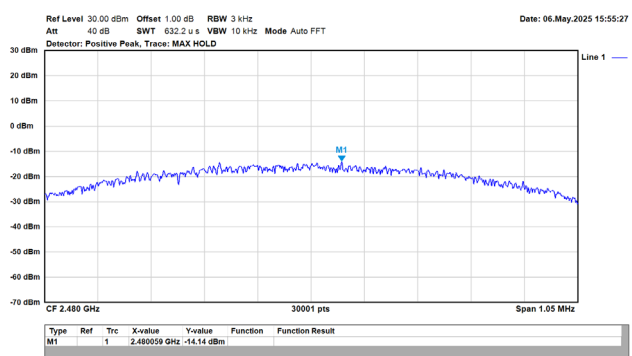
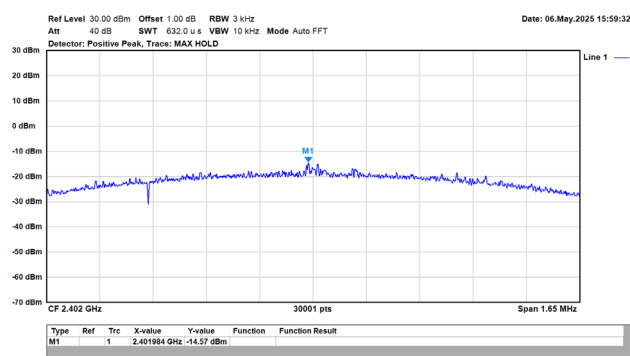
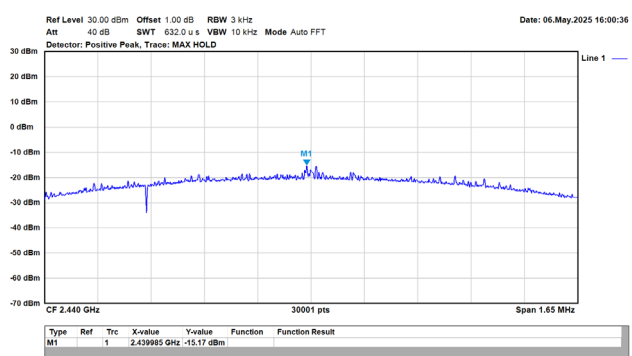
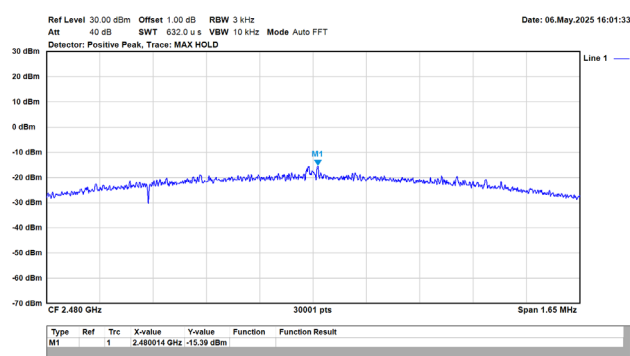


Appendix C. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)		Limit (dBm)	Result
		Peak	Average		
GFSK (1 Mbps)	2402	3.190	2.970	30.00	Pass
	2440	2.820	2.640	30.00	Pass
	2480	2.350	2.210	30.00	Pass
GFSK (2 Mbps)	2402	2.990	2.860	30.00	Pass
	2440	2.740	2.540	30.00	Pass
	2480	2.370	2.170	30.00	Pass

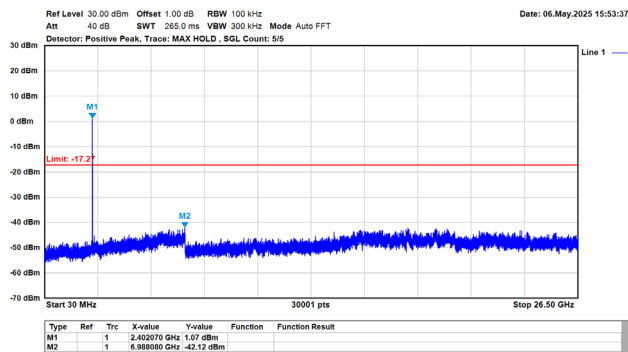
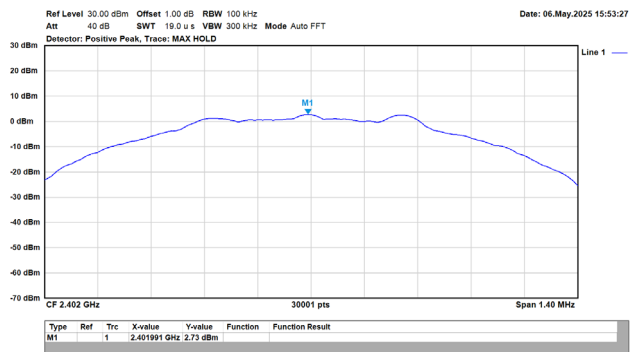
Appendix D. Test Result of Maximum Power Spectral Density

Modulation	Frequency (MHz)	Measure Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK (1 Mbps)	2402	-13.51	8.00	Pass
	2440	-14.15	8.00	Pass
	2480	-14.14	8.00	Pass
GFSK (2 Mbps)	2402	-14.57	8.00	Pass
	2440	-15.17	8.00	Pass
	2480	-15.39	8.00	Pass

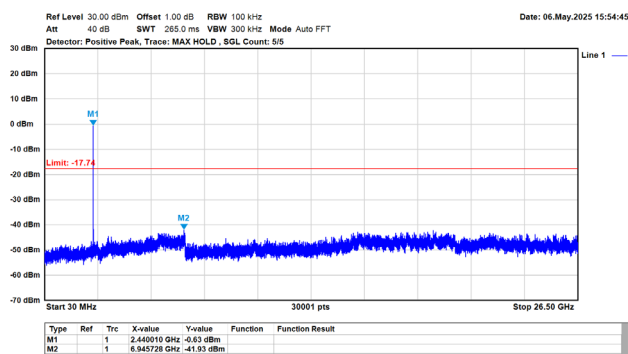
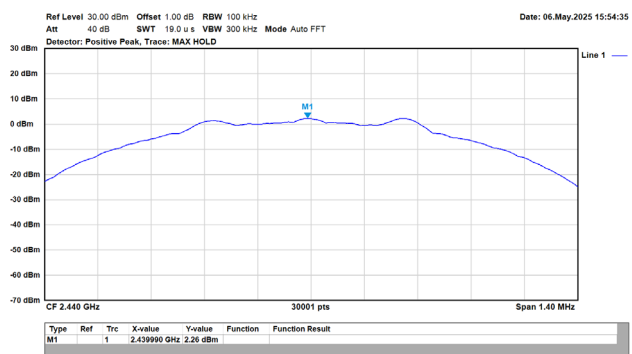
GFSK (1 Mbps) / 2402 MHz**GFSK (1 Mbps) / 2440 MHz****GFSK (1 Mbps) / 2480 MHz****GFSK (2 Mbps) / 2402 MHz****GFSK (2 Mbps) / 2440 MHz****GFSK (2 Mbps) / 2480 MHz**

Appendix E. Test Result of Antenna Port Conducted Emission

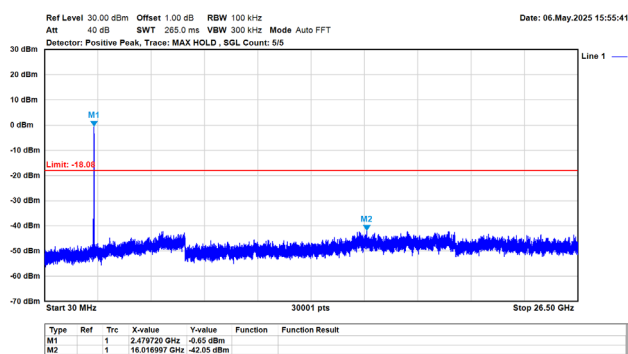
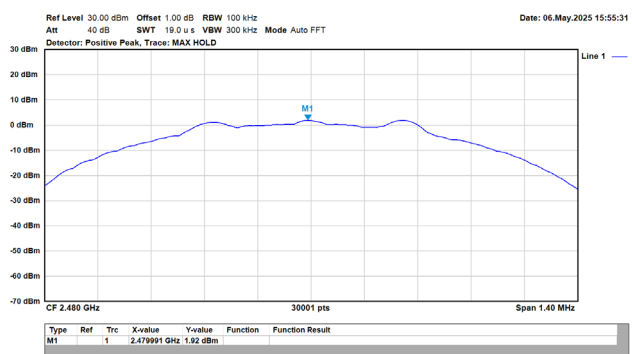
GFSK (1 Mbps) / 2402 MHz

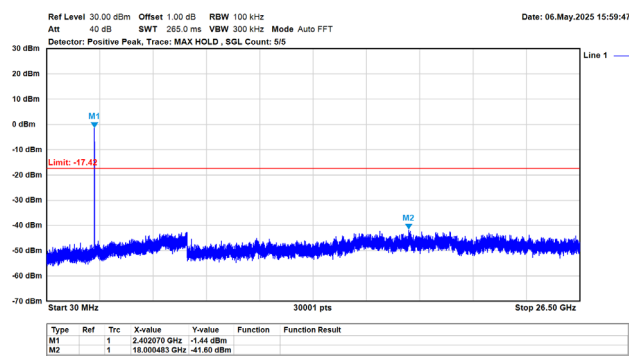
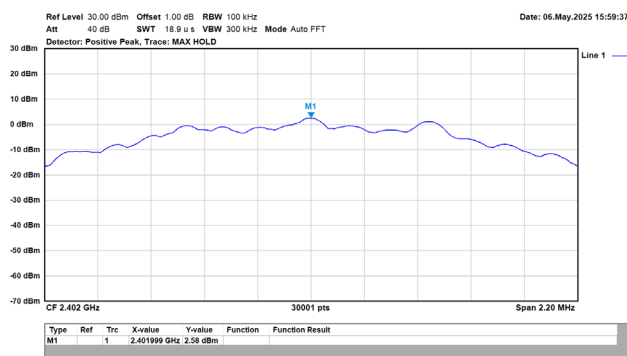
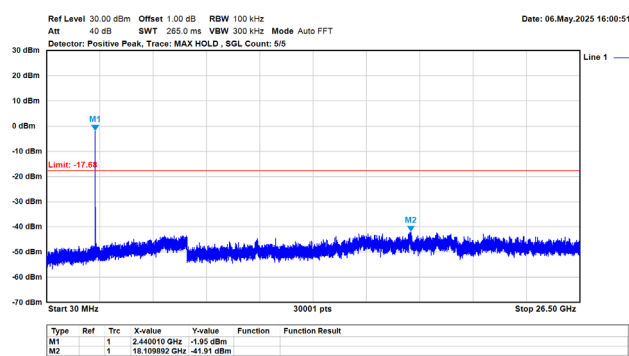
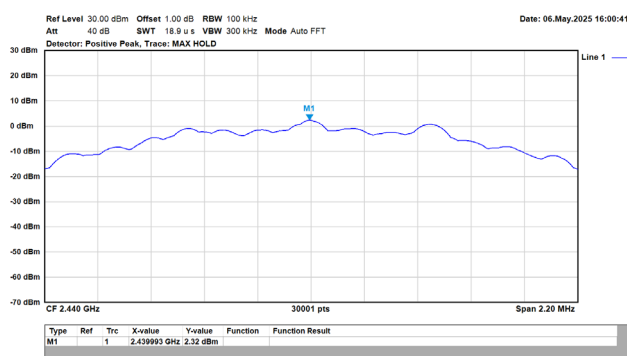
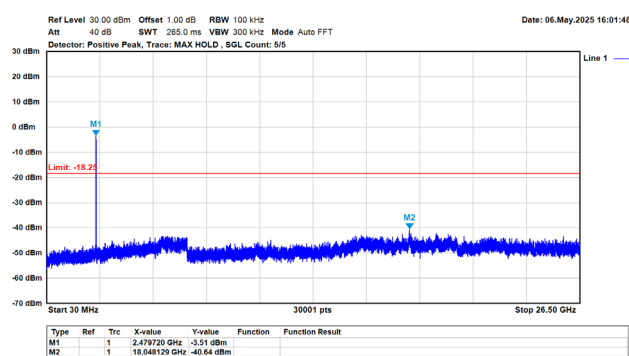
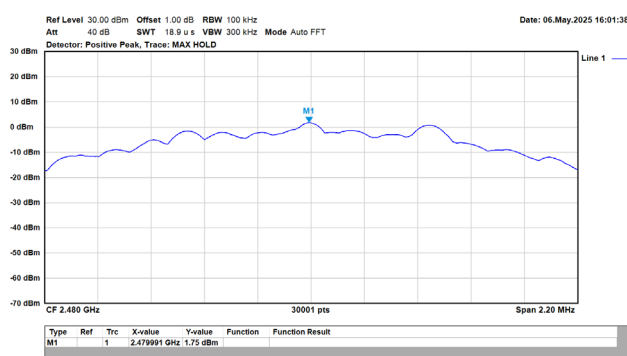


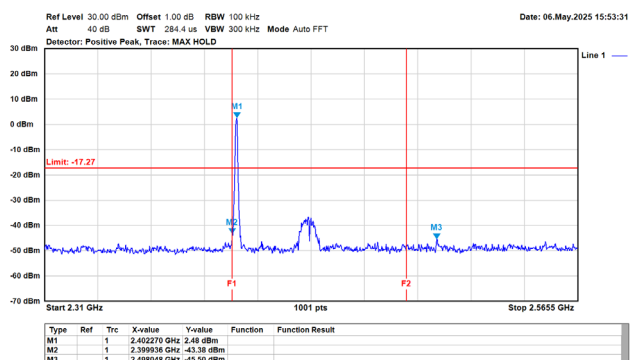
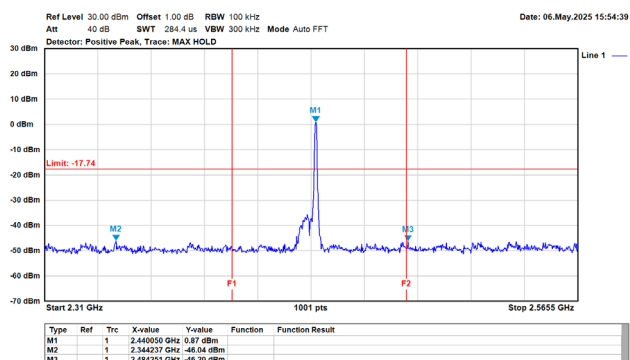
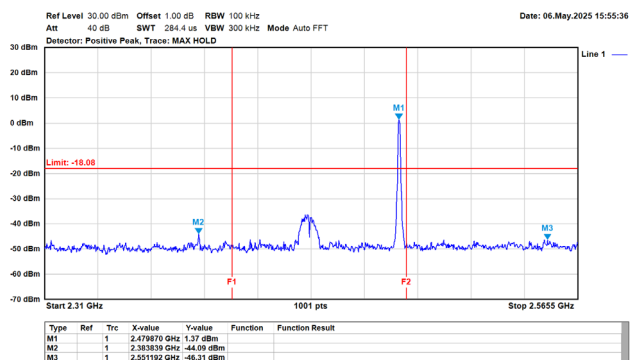
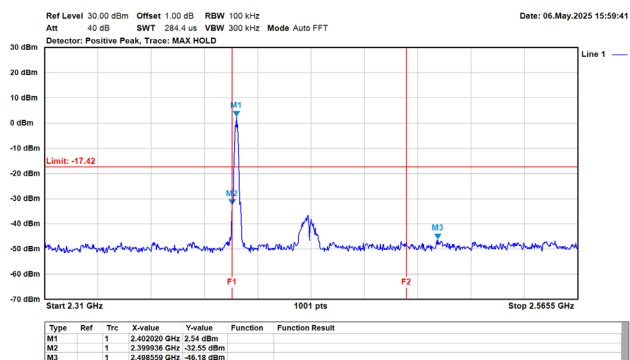
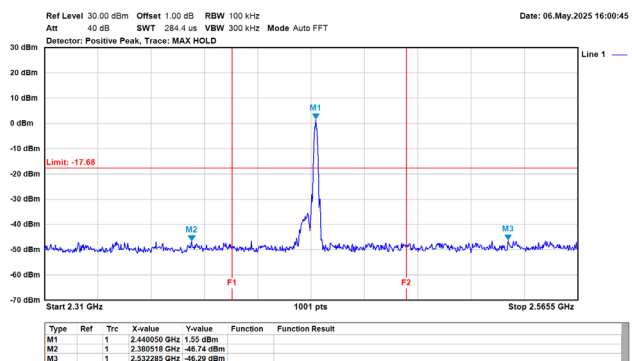
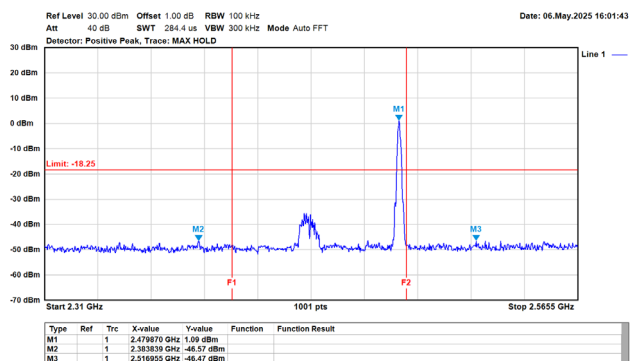
GFSK (1 Mbps) / 2440 MHz



GFSK (1 Mbps) / 2480 MHz



GFSK (2 Mbps) / 2402 MHz**GFSK (2 Mbps) / 2440 MHz****GFSK (2 Mbps) / 2480 MHz**

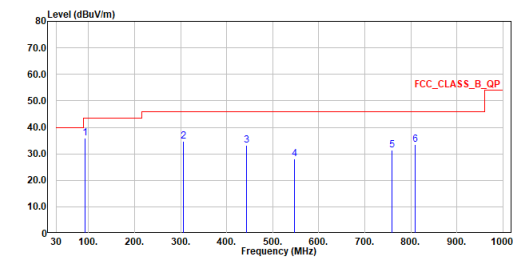
GFSK (1 Mbps) / 2402 MHz (Band Edge)**GFSK (1 Mbps) / 2440 MHz (Band Edge)****GFSK (1 Mbps) / 2480 MHz (Band Edge)****GFSK (2 Mbps) / 2402 MHz (Band Edge)****GFSK (2 Mbps) / 2402 MHz (Band Edge)****GFSK (2 Mbps) / 2480 MHz (Band Edge)**

Appendix F. Test Result of Transmitter Radiated Spurious Emission

30 MHz ~ 1 GHz

Test Mode: Mode 1

Site :HC-CB04
Condition :3m Horizontal
Mode :BLE_TX_LF
Test By :Jason Young

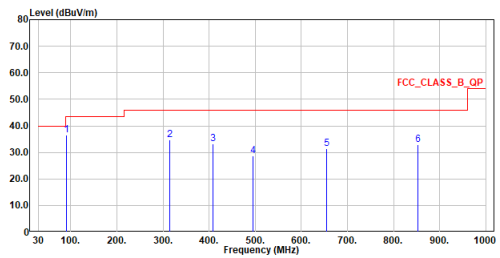


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	92.662	36.05	43.50	-7.45	44.61	-8.56	QP
2	306.256	34.60	46.00	-11.40	37.12	-2.52	QP
3	442.444	33.35	46.00	-12.65	32.17	1.18	QP
4	547.883	27.98	46.00	-18.02	25.02	2.96	QP
5	759.537	31.41	46.00	-14.59	23.96	7.45	QP
6	808.619	33.56	46.00	-12.44	25.69	7.87	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-CB04
Condition :3m Vertical
Mode :BLE_TX_LF
Test By :Jason Young



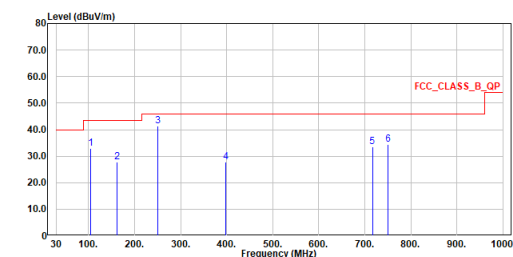
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	89.849	36.48	43.50	-7.02	45.35	-8.87	QP
2	314.598	34.79	46.00	-11.21	37.03	-2.24	QP
3	407.524	33.22	46.00	-12.78	33.24	-0.02	QP
4	495.309	28.66	46.00	-17.34	26.62	2.04	QP
5	654.680	31.31	46.00	-14.69	25.86	5.45	QP
6	851.978	32.93	46.00	-13.07	24.53	8.40	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.

Test Mode: Mode2

Site :HC-CB04
Condition :3m Horizontal
Mode :BLE_TX_LF
Test By :Jason Young

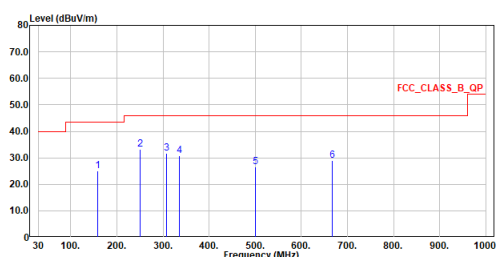


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	104.496	32.81	43.50	-10.69	39.66	-6.85	QP
2	161.144	27.88	43.50	-15.62	30.97	-3.09	QP
3	249.996	41.39	46.00	-4.61	45.89	-4.50	QP
4	398.600	27.67	46.00	-18.33	27.81	-0.14	QP
5	716.469	33.61	46.00	-12.39	27.31	6.30	QP
6	750.031	34.56	46.00	-11.44	27.32	7.24	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-CB04
Condition :3m Vertical
Mode :BLE_TX_LF
Test By :Jason Young



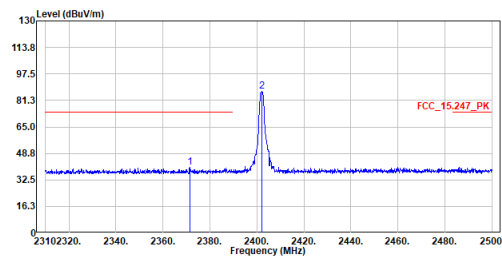
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	158.913	25.02	43.50	-18.48	28.00	-2.98	QP
2	249.996	33.22	46.00	-12.78	37.72	-4.50	QP
3	308.293	31.75	46.00	-14.25	34.22	-2.47	QP
4	334.580	30.72	46.00	-15.28	32.38	-1.66	QP
5	499.965	26.42	46.00	-19.58	24.28	2.14	QP
6	667.581	28.96	46.00	-17.04	23.36	5.60	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

Site :HC-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_1M_TX_2402MHz
Test By :Jason Young

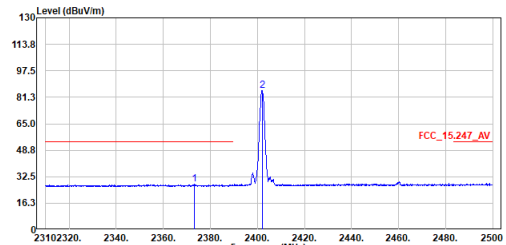


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2371.655	40.43	74.00	-33.57	30.07	10.36	Peak
2	2402.055	86.67	-----	-----	76.23	10.44	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_1M_TX_2402MHz
Test By :Jason Young

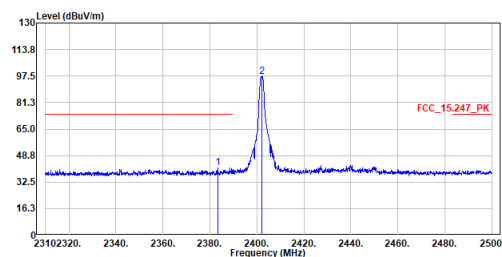


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2373.175	27.73	54.00	-26.27	17.37	10.36	Average
2	2402.055	85.27	-----	-----	74.83	10.44	Average

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_1M_TX_2402MHz
Test By :Jason Young

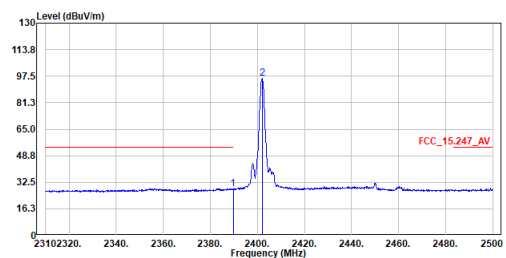


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2383.340	41.38	74.00	-32.62	30.99	10.39	Peak
2	2401.960	97.21	-----	-----	86.77	10.44	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_1M_TX_2402MHz
Test By :Jason Young

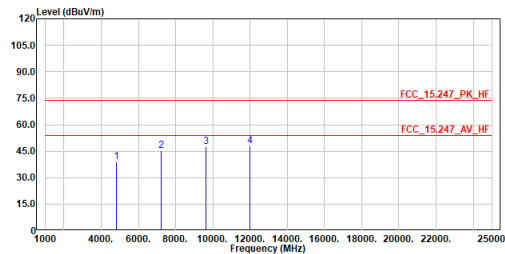


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2389.705	28.67	54.00	-25.33	18.26	10.41	Average
2	2401.960	95.92	-----	-----	85.48	10.44	Average

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_1M_TX_2402MHz
Test By :Jason Young

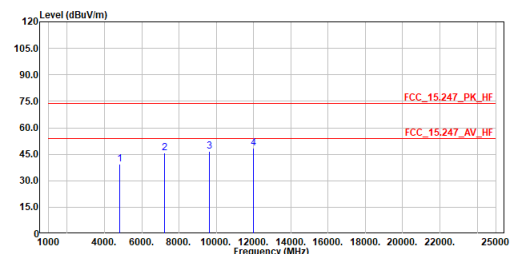


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4804.000	39.00	74.00	-35.00	56.82	-17.82	Peak
2	7206.000	45.28	74.00	-28.80	58.03	-12.83	Peak
3	9608.000	47.34	74.00	-26.66	56.49	-9.15	Peak
4	12010.000	47.81	74.00	-26.19	53.65	-5.84	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_1M_TX_2402MHz
Test By :Jason Young

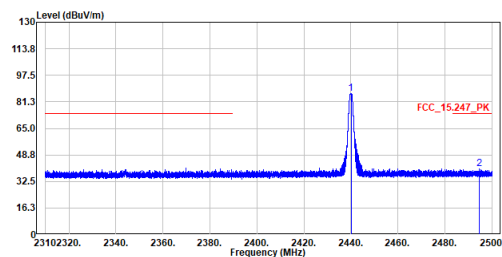


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4804.000	39.47	74.00	-34.53	57.29	-17.82	Peak
2	7206.000	45.56	74.00	-28.44	58.39	-12.83	Peak
3	9608.000	46.55	74.00	-27.45	55.70	-9.15	Peak
4	12010.000	48.49	74.00	-25.51	54.33	-5.84	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_1M_TX_2440MHz
Test By :Jason Young

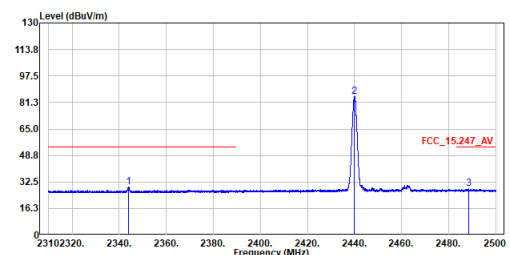


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2440.036	86.38	-----	-----	75.85	10.53	Peak
2	2494.538	40.26	74.00	-33.74	29.60	10.66	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_1M_TX_2440MHz
Test By :Jason Young

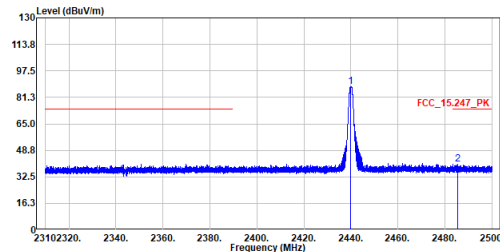


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2343.915	29.60	54.00	-24.40	19.30	10.30	Average
2	2440.008	84.82	-----	-----	74.29	10.53	Average
3	2488.419	28.35	54.00	-25.65	17.70	10.65	Average

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_1M_TX_2440MHz
Test By :Jason Young

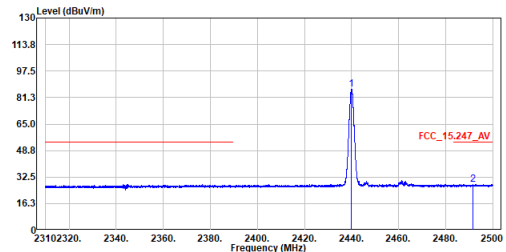


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2439.998	88.02	-----	-----	77.49	10.53	Peak
2	2485.570	40.09	74.00	-33.91	29.44	10.65	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_1M_TX_2440MHz
Test By :Jason Young

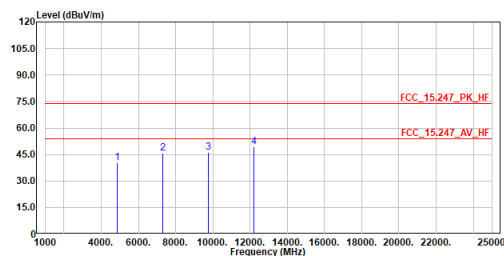


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2440.008	86.51	-----	-----	75.98	10.53	Average
2	2491.412	28.08	54.00	-25.92	17.42	10.66	Average

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_1M_TX_2440MHz
Test By :Jason Young

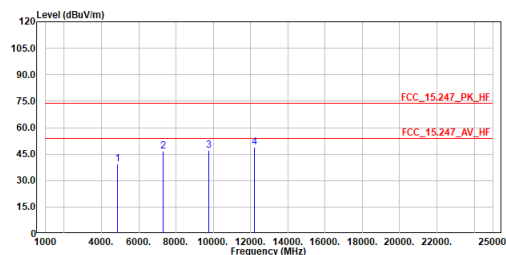


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	40.36	74.00	-33.64	57.97	-17.61	Peak
2	7320.000	45.96	74.00	-28.04	58.60	-12.64	Peak
3	9760.000	46.10	74.00	-27.90	55.05	-8.95	Peak
4	12200.000	49.28	74.00	-24.72	54.92	-5.64	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_1M_TX_2440MHz
Test By :Jason Young

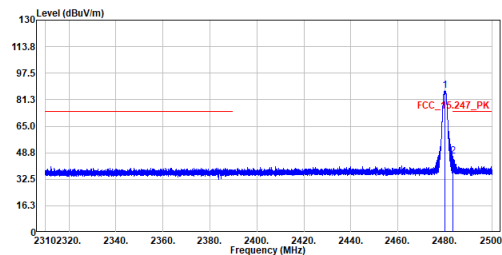


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	39.30	74.00	-34.70	56.91	-17.61	Peak
2	7320.000	46.47	74.00	-27.53	59.11	-12.64	Peak
3	9760.000	47.09	74.00	-26.91	56.04	-8.95	Peak
4	12200.000	48.85	74.00	-25.15	54.49	-5.64	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_1M_TX_2480MHz
Test By :Jason Young

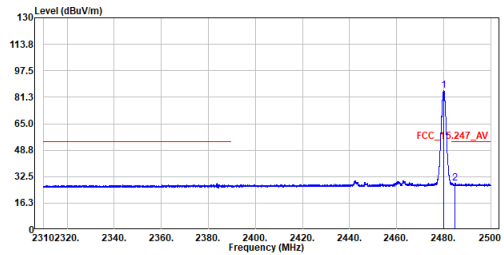


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2479.983	86.68	-----	-----	76.05	10.63	Peak
2	2483.546	46.69	74.00	-27.31	36.05	10.64	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_1M_TX_2480MHz
Test By :Jason Young

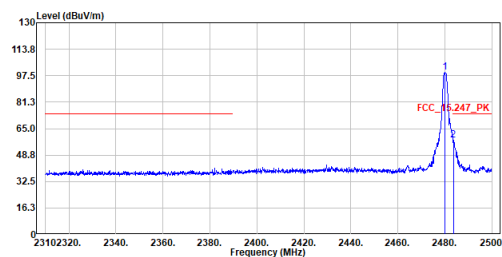


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.002	85.15	-----	-----	74.52	10.63	Average
2	2484.771	28.28	54.00	-25.72	17.63	10.65	Average

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_1M_TX_2480MHz
Test By :Jason Young

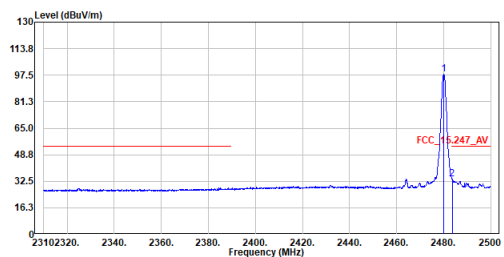


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.145	99.63	-----	-----	89.00	10.63	Peak
2	2483.565	58.06	74.00	-15.94	47.42	10.64	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_1M_TX_2480MHz
Test By :Jason Young

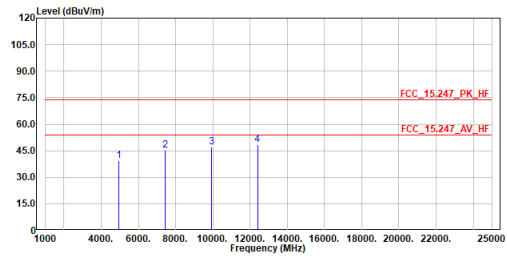


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.050	98.13	-----	-----	87.50	10.63	Average
2	2483.565	33.80	54.00	-20.20	23.16	10.64	Average

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_1M_TX_2480MHz
Test By :Jason Young

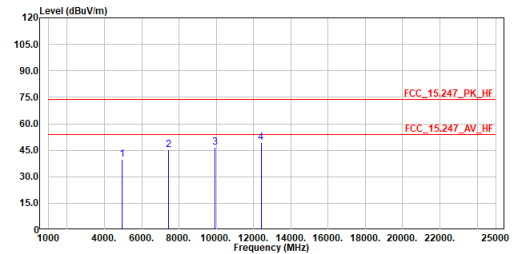


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4960.000	39.61	74.00	-34.39	57.01	-17.40	Peak
2	7440.000	45.41	74.00	-28.59	57.85	-12.44	Peak
3	9920.000	47.13	74.00	-26.87	55.90	-8.77	Peak
4	12400.000	48.47	74.00	-25.53	53.90	-5.43	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_1M_TX_2480MHz
Test By :Jason Young

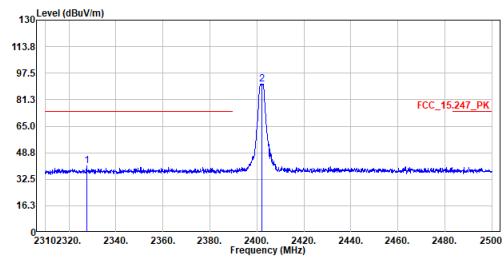


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	4960.000	39.81	74.00	-34.19	57.21	-17.40	Peak
2	7440.000	45.43	74.00	-28.57	57.87	-12.44	Peak
3	9920.000	46.62	74.00	-27.38	55.39	-8.77	Peak
4	12400.000	49.23	74.00	-24.77	54.66	-5.43	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_2M_TX_2402MHz
Test By :Jason Young

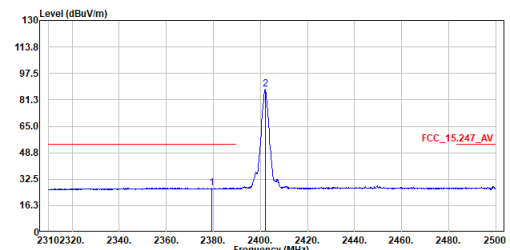


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	2327.575	40.64	74.00	-33.36	30.38	10.26	Peak
2	2401.960	90.96	-----	-----	80.52	10.44	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_2M_TX_2402MHz
Test By :Jason Young

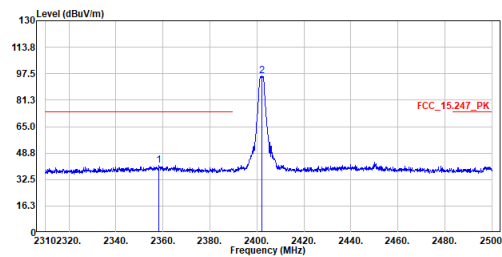


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	2379.255	27.12	54.00	-26.88	16.74	10.38	Average
2	2401.960	87.76	-----	-----	77.32	10.44	Average

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_2M_TX_2402MHz
Test By :Jason Young

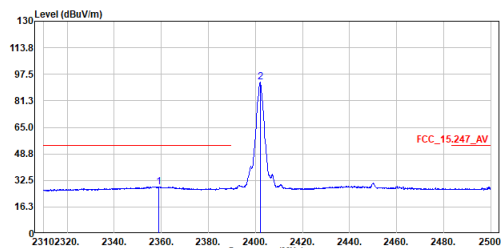


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2358.355	41.42	74.00	-32.58	31.09	10.33	Peak
2	2402.055	96.02	-----	-----	85.58	10.44	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_2M_TX_2402MHz
Test By :Jason Young

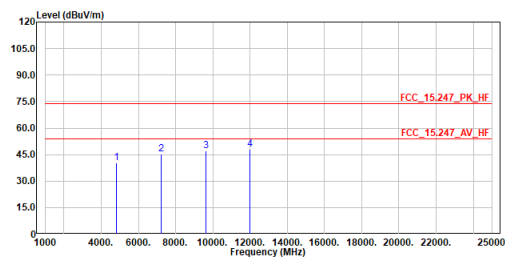


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2358.925	28.64	54.00	-25.36	18.31	10.33	Average
2	2401.960	92.59	-----	-----	82.15	10.44	Average

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_2M_TX_2402MHz
Test By :Jason Young

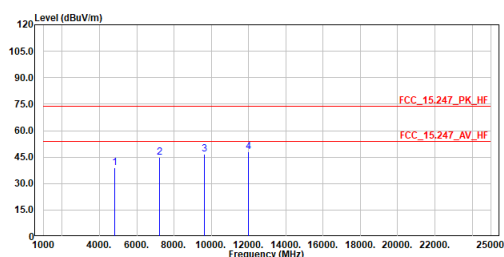


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4884.000	40.08	74.00	-33.92	57.90	-17.82	Peak
2	7206.000	45.17	74.00	-28.83	58.00	-12.83	Peak
3	9608.000	47.03	74.00	-26.97	56.18	-9.15	Peak
4	12010.000	48.08	74.00	-25.92	53.92	-5.84	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_2M_TX_2402MHz
Test By :Jason Young

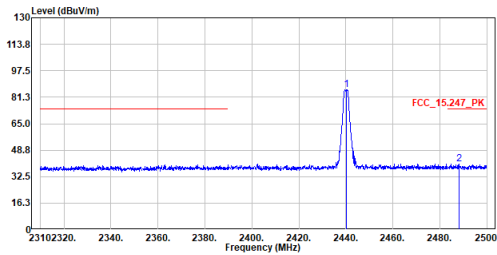


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4884.000	38.85	74.00	-35.15	56.67	-17.82	Peak
2	7206.000	44.65	74.00	-29.35	57.48	-12.83	Peak
3	9608.000	46.80	74.00	-27.20	55.95	-9.15	Peak
4	12010.000	48.08	74.00	-25.92	53.92	-5.84	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_2M_TX_2440MHz
Test By :Jason Young

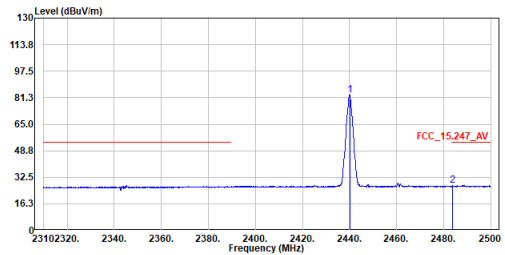


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2440.150	85.80	-----	-----	75.27	10.53	Peak
2	2488.030	40.30	74.00	-33.70	29.65	10.65	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_2M_TX_2440MHz
Test By :Jason Young

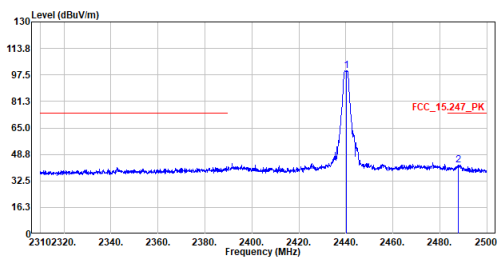


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2440.055	82.74	-----	-----	72.21	10.53	Average
2	2483.755	27.59	54.00	-26.41	16.94	10.65	Average

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_2M_TX_2440MHz
Test By :Jason Young

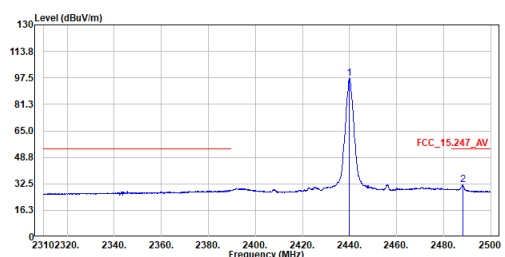


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2440.150	100.15	-----	-----	89.62	10.53	Peak
2	2487.935	42.41	74.00	-31.59	31.76	10.65	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_2M_TX_2440MHz
Test By :Jason Young

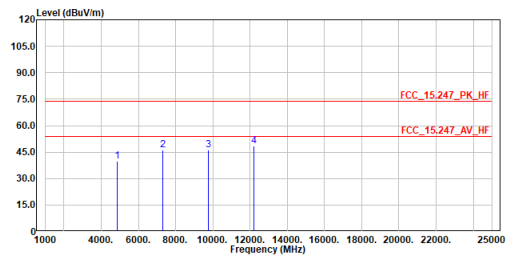


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2439.960	97.00	-----	-----	86.47	10.53	Average
2	2488.125	31.69	54.00	-22.31	21.04	10.65	Average

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_2M_TX_2440MHz
Test By :Jason Young

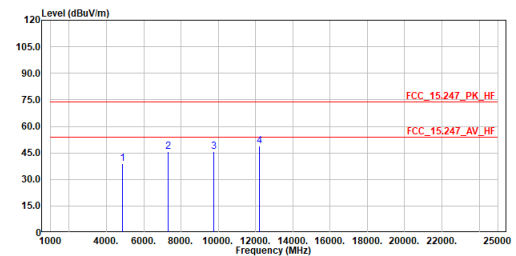


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	40.02	74.00	-33.98	57.63	-17.61	Peak
2	7320.000	46.02	74.00	-27.98	58.66	-12.64	Peak
3	9760.000	46.39	74.00	-27.61	55.34	-8.95	Peak
4	12200.000	48.25	74.00	-25.75	53.89	-5.64	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_2M_TX_2440MHz
Test By :Jason Young

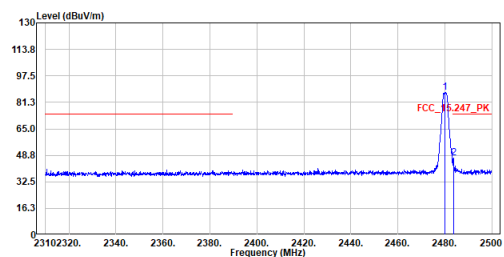


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	39.07	74.00	-34.93	56.68	-17.61	Peak
2	7320.000	45.55	74.00	-28.45	58.19	-12.64	Peak
3	9760.000	45.68	74.00	-28.32	54.63	-8.95	Peak
4	12200.000	48.73	74.00	-25.27	54.37	-5.64	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_2M_TX_2480MHz
Test By :Jason Young

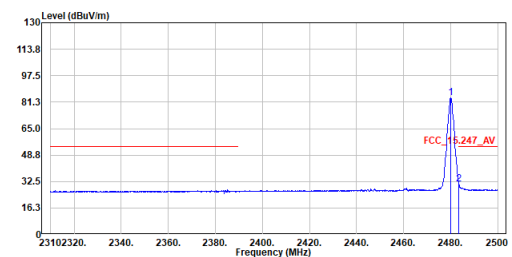


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.145	87.37	-----	-----	76.74	10.63	Peak
2	2483.755	47.34	74.00	-26.66	36.69	10.65	Peak

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_2M_TX_2480MHz
Test By :Jason Young

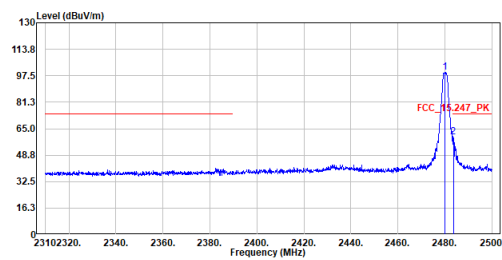


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.050	84.13	-----	-----	73.50	10.63	Average
2	2483.470	30.88	-----	-----	20.24	10.64	Average

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_2M_TX_2480MHz
Test By :Jason Young

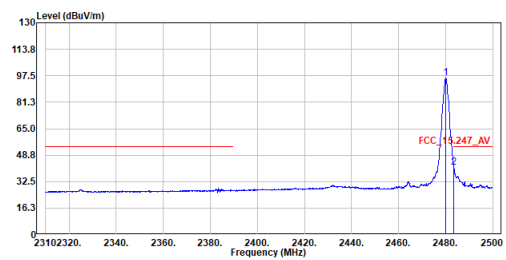


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2479.955	99.53	-----	-----	88.90	10.63	Peak
2	2483.565	59.85	74.00	-14.15	49.21	10.64	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_2M_TX_2480MHz
Test By :Jason Young

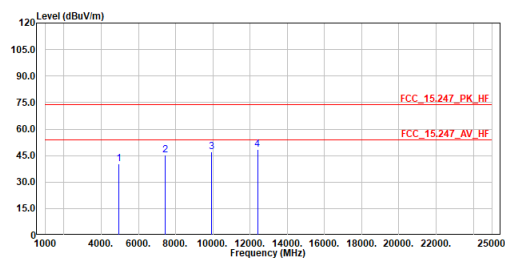


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2480.050	96.27	-----	-----	85.64	10.63	Average
2	2483.500	41.11	74.00	-32.89	30.47	10.64	Average

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-CB04
Condition :3m ,Horizontal
Mode :BLE5.0_2M_TX_2480MHz
Test By :Jason Young

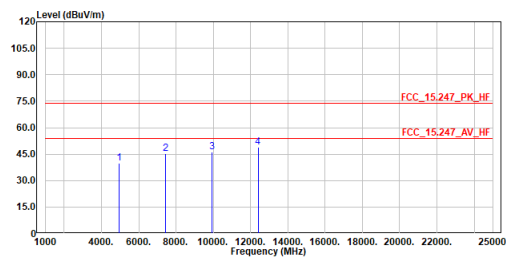


No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4960.000	40.17	74.00	-33.83	57.57	-17.40	Peak
2	7440.000	45.41	74.00	-28.59	57.85	-12.44	Peak
3	9920.000	47.01	74.00	-26.99	55.78	-8.77	Peak
4	12400.000	48.54	74.00	-25.46	53.97	-5.43	Peak

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-CB04
Condition :3m ,Vertical
Mode :BLE5.0_2M_TX_2480MHz
Test By :Jason Young



No.	Frequency MHz	Level dBuV/m	Limit dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4960.000	39.77	74.00	-34.23	57.17	-17.40	Peak
2	7440.000	45.08	74.00	-28.92	57.52	-12.44	Peak
3	9920.000	46.28	74.00	-27.72	55.05	-8.77	Peak
4	12400.000	48.99	74.00	-25.01	54.42	-5.43	Peak

Note:

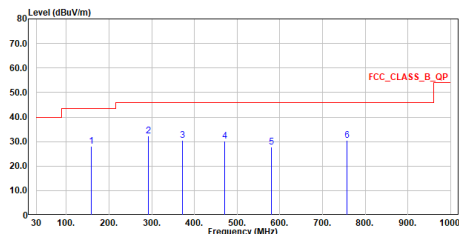
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Appendix G. Test Result of Radiated Emissions Co-location

Bluetooth + WiFi 2.4 GHz + WiFi 5 GHz

30 MHz ~ 1 GHz:

Site :HC-CB04
Condition :3m ,Horizontal
Mode :Co-location BLE+WiFi 2.4G+WiFi 5G_LF
Test By :Jason Young

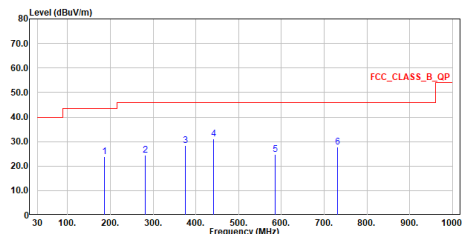


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	158.913	28.00	43.50	-15.50	30.98	-2.98	QP
2	292.094	32.40	46.00	-13.60	35.25	-2.85	QP
3	372.022	30.41	46.00	-15.59	31.32	-0.91	QP
4	471.447	30.23	46.00	-15.77	28.47	1.76	QP
5	580.184	27.72	46.00	-18.28	23.87	3.85	QP
6	757.985	30.49	46.00	-15.51	23.07	7.42	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-CB04
Condition :3m ,Vertical
Mode :Co-location BLE+WiFi 2.4G+WiFi 5G_LF
Test By :Jason Young



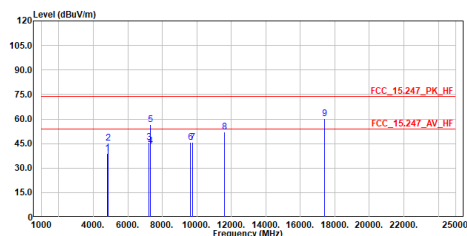
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	185.588	23.78	43.50	-19.72	29.15	-5.37	QP
2	282.103	24.47	46.00	-21.53	27.61	-3.14	QP
3	374.932	28.41	46.00	-17.59	29.14	-0.73	QP
4	441.280	31.18	46.00	-14.82	30.06	1.12	QP
5	585.907	24.65	46.00	-21.35	20.55	4.10	QP
6	730.631	27.65	46.00	-18.35	20.84	6.81	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-CB04
Condition :3m ,Horizontal
Mode :Co-location BLE+WIFI 2.4G+WIFI 5G
Test By :Jason Young

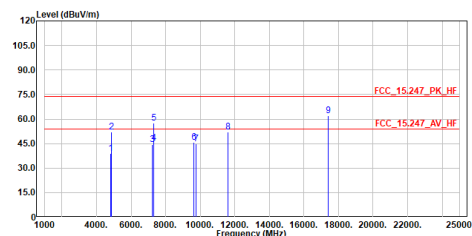


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4804.000	38.96	74.00	-35.04	56.78	-17.82	Peak
2	4874.000	45.44	74.00	-28.56	63.06	-17.62	Peak
3	7206.000	45.58	74.00	-28.42	58.41	-12.83	Peak
4	7311.000	43.62	54.00	-10.38	56.28	-12.66	Average
5	7311.000	56.48	74.00	-17.52	69.14	-12.66	Peak
6	9608.000	45.73	74.00	-28.27	54.88	-9.15	Peak
7	9748.000	45.80	74.00	-28.20	54.78	-8.98	Peak
8	11590.150	52.16	74.00	-21.84	58.19	-6.83	Peak
9	17385.000	60.12	74.00	-13.88	63.31	-3.19	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-CB04
Condition :3m ,Vertical
Mode :Co-location BLE+WIFI 2.4G+WIFI 5G
Test By :Jason Young



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4804.000	38.99	74.00	-35.01	56.81	-17.82	Peak
2	4874.000	52.27	74.00	-21.73	69.89	-17.62	Peak
3	7206.000	44.43	74.00	-29.57	57.26	-12.83	Peak
4	7311.000	45.25	54.00	-8.75	57.91	-12.66	Average
5	7311.000	57.63	74.00	-16.37	70.29	-12.66	Peak
6	9608.000	45.56	74.00	-28.44	54.71	-9.15	Peak
7	9748.000	45.00	74.00	-29.00	53.98	-8.98	Peak
8	11590.000	51.93	74.00	-22.07	57.96	-6.03	Peak
9	17385.000	61.95	74.00	-12.05	65.14	-3.19	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.