

Test Report No:
2550032R-RFUSV01S-C

TEST REPORT

FCC Rules&Regulations

Product Name	System-On-Module
Brand Name	AMobile
Model No.	SoM-SD700, SoM-SD510
FCC ID	2AQ5W-SOM510-700
Applicant's Name / Address	AMobile Solutions Corp. 8F.-1, No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan
Manufacturer's Name / Address	AMobile Solutions Corp. 8F.-1, No.700, Zhongzheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan
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	<i>Vera Hsu</i> Vera Hsu
Approved By	<i>Allen Lin</i> Allen Lin
Date of Receipt	May 05, 2025
Date of Issue	Jul. 15, 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	Jul. 15, 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

The difference for each model is shown as below:

EUT	Model No.	Platform	Description
1	SoM-SD700	MT8390	The differences are platform and CPU/GPU. All under same layout.
2	SoM-SD510	MT8370	

From the above models, model: SoM-SD700 was selected as representative model for the test and its data was recorded in this report.

Antenna Information				
Ant.	Brand Name	Part No.	Type	Gain (dBi)
1	Cortec	AN0750-74S05BSM	Dipole	2.85

1.2. EUT Information

EUT Power Type	From Adapter / Host system		
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	Cyril Chen	25 / 65	2025/05/29
RF Conducted Emission	HC-SR12	Scott Chang	24.5~25.4 / 46.4~50.4	2025/05/23~2025/05/27
Radiated Emission	HC-CB04	Jason Yang Cyril Chen	21.3~23.5 / 53~63	2025/05/22~2025/05/28

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
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2024/06/20	2025/06/19
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

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	2025/05/20	2026/05/19
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	211212A18EN	1G-18GHz	2024/11/26	2025/11/25
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2025/01/14	2026/01/13
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2024/10/15	2025/10/14
Coaxial Cable	Huber+Suhner	SF104	HC-CB04	30 MHz-18 GHz, 11m	2024/08/07	2025/08/06
Coaxial Cable	Huber+Suhner, Rosnol	SF102_UP0264	HC-CB04-1	18-40 GHz, 3m	2024/08/13	2025/08/12
Radiated Software	Audix	e3 V9	HC-CB04_1	N/A	N/A	N/A
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
DEKRA Testing System	DEKRA	Version 2.0	HC-CB04	N/A	N/A	N/A
Radiated Software	Audix	e3 V9	HC-CB04_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

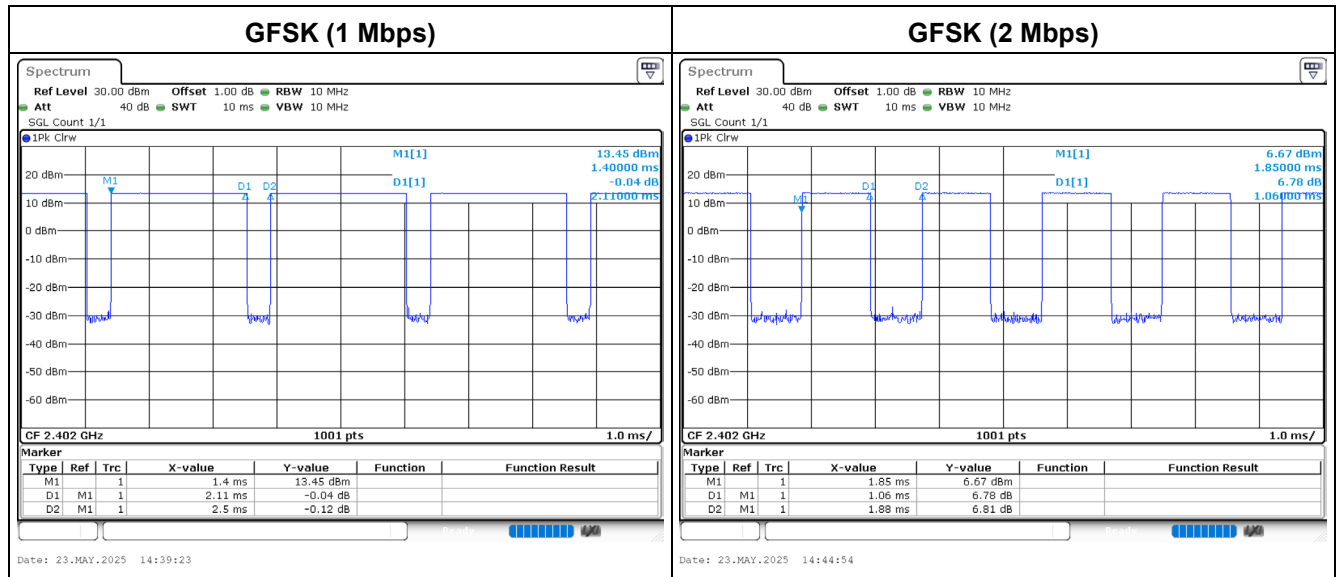
2.2. Test Frequency Mode

Test Software	cmd
---------------	-----

Modulation	Frequency (MHz)	Power Setting
GFSK (1 Mbps)	2402	7
	2440	7
	2480	7
GFSK (2 Mbps)	2402	7
	2440	7
	2480	7

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)	2.110	2.500	84.40%	0.74	0.474
GFSK (2 Mbps)	1.060	1.880	56.38%	2.49	0.943



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 1 + Adapter
2	EUT 1 + Notebook (Host System)

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 1 + Adapter
2	EUT 1 + Notebook (Host System)
3	EUT 2 + Notebook (Host System)
Operating Mode > 1GHz	Transmit

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

Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	Transmit
1	Bluetooth + WiFi 2.4GHz
2	Bluetooth + WiFi 5GHz
Refer to DEKRA Test Report No.: 2550032R-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: Mode 1

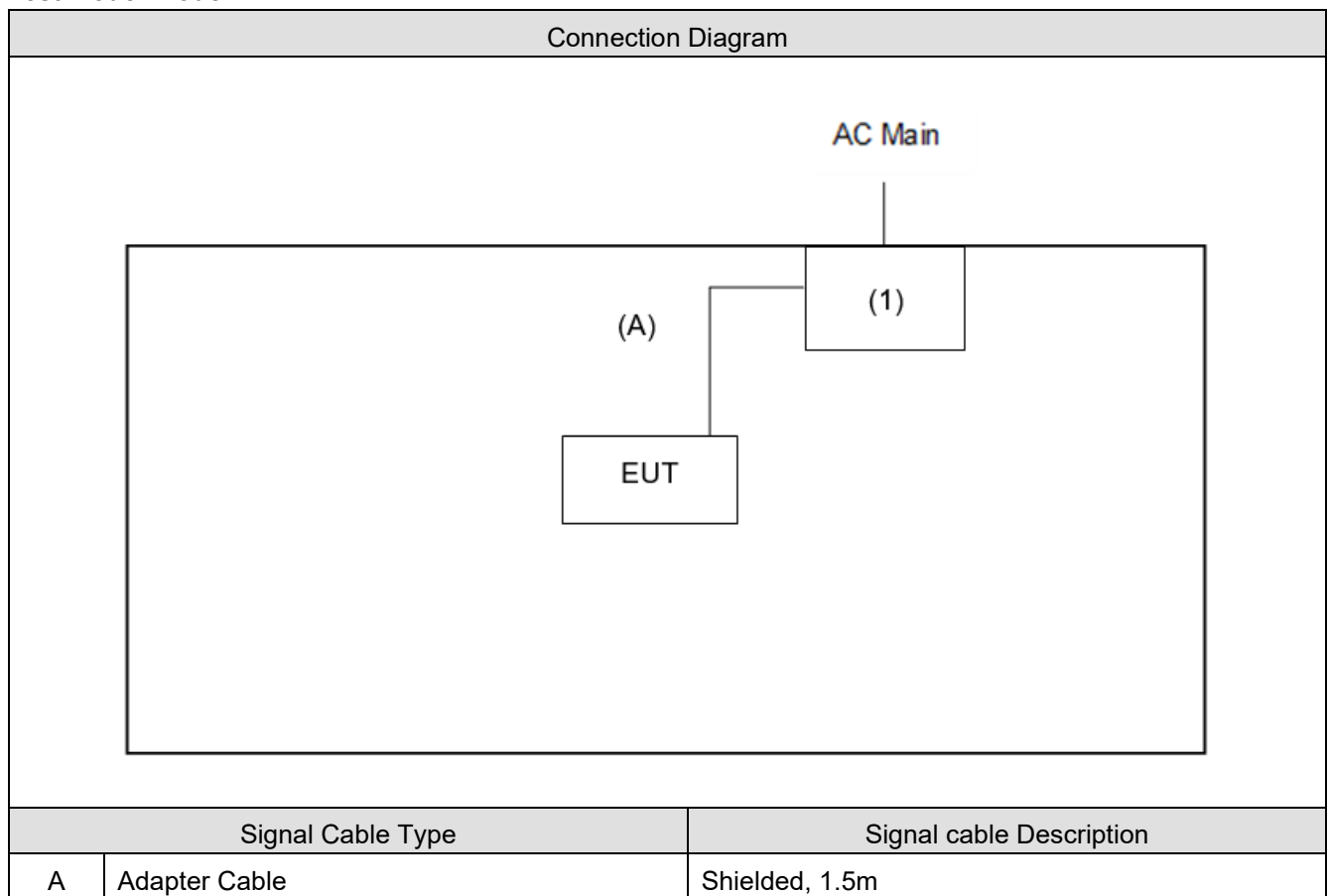
No.	Equipment	Brand Name	Model No.	Serial No.
1	Adaptor	Channel Well Technology Co., Ltd	N/A	-

Test Mode: Mode 2 / Mode 3

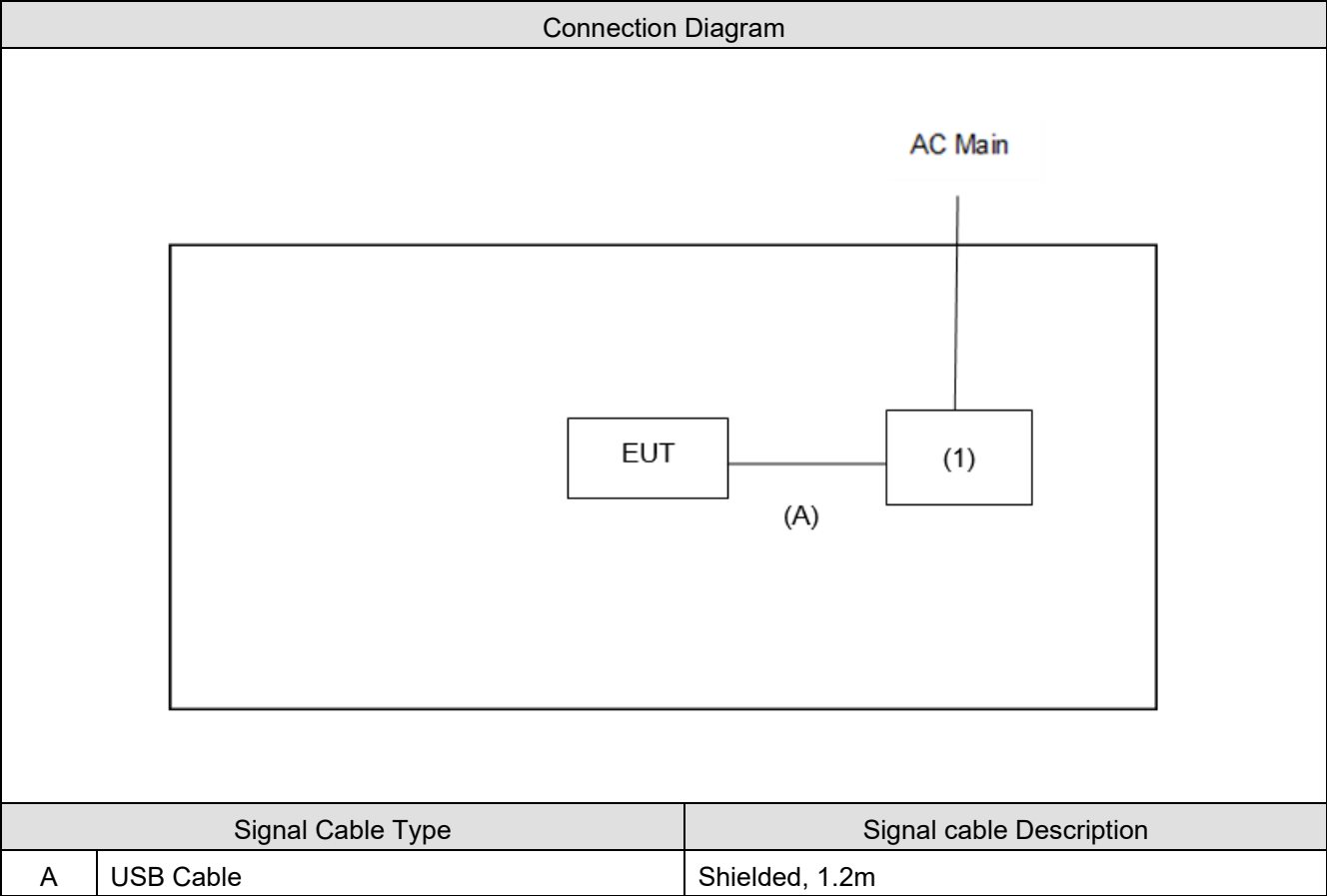
No.	Equipment	Brand Name	Model No.	Serial No.
1	Notebook	Lenovo	Lenovo Ideapad 320	PF0SXXY1

2.6. Configuration of Tested System

Test Mode: Mode 1

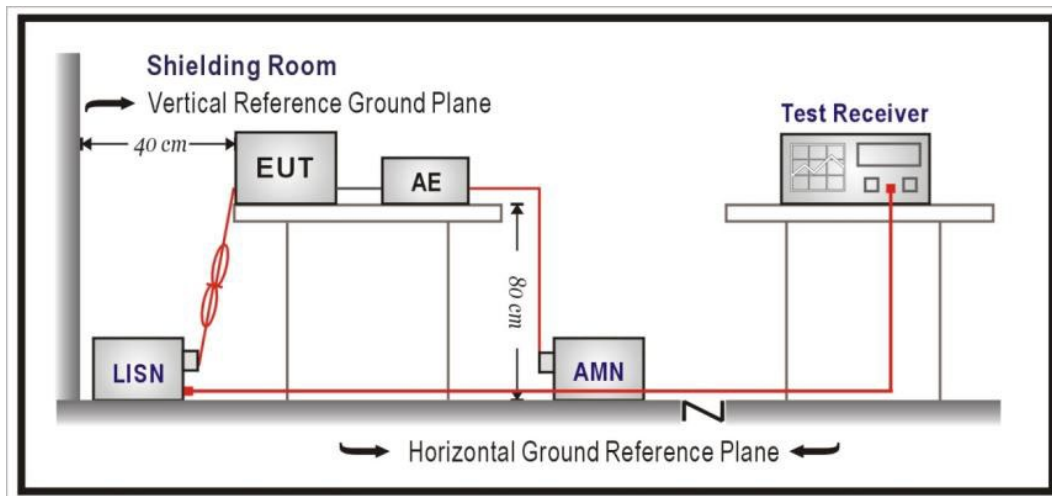


Test Mode: Mode 2 / Mode 3



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

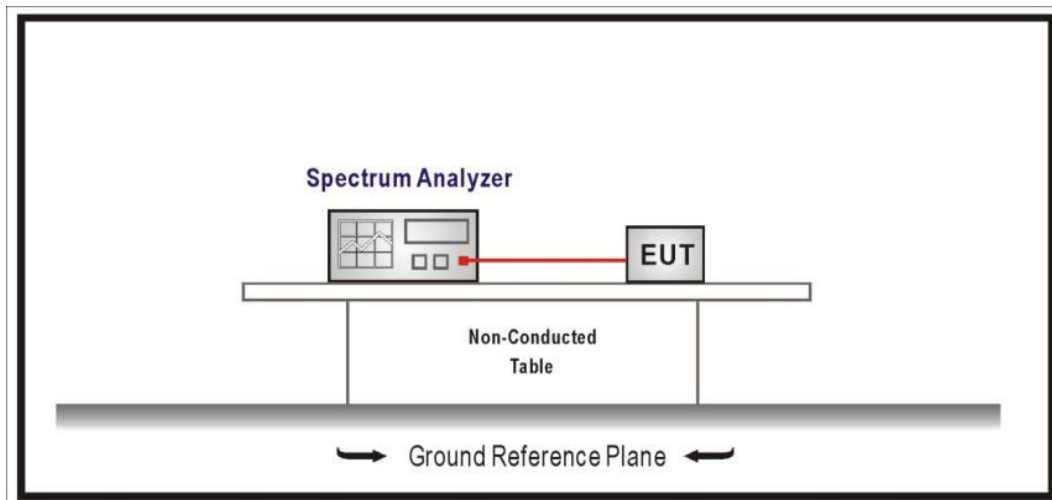
The EUT was setup according to ANSI C63.10: 2013 for AC Power Line Conducted Emissions.

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

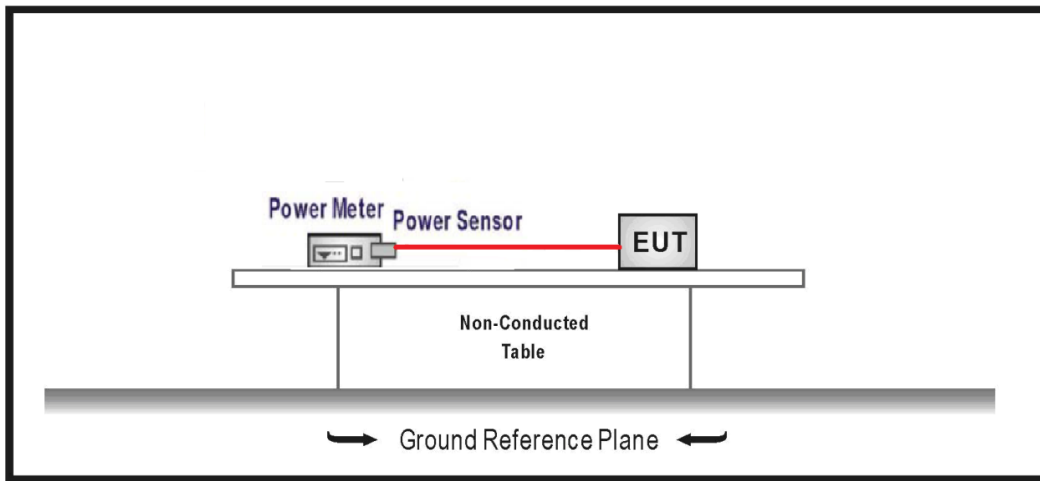
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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

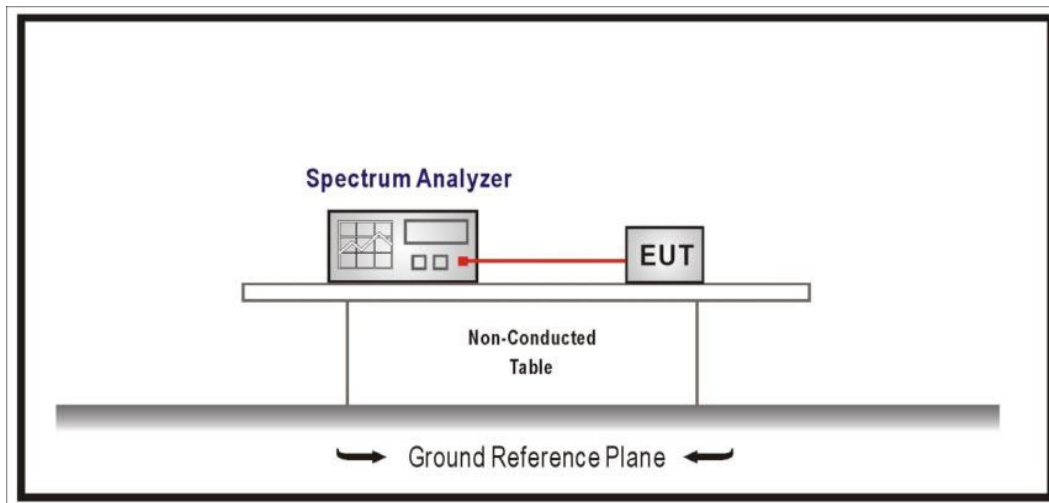
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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

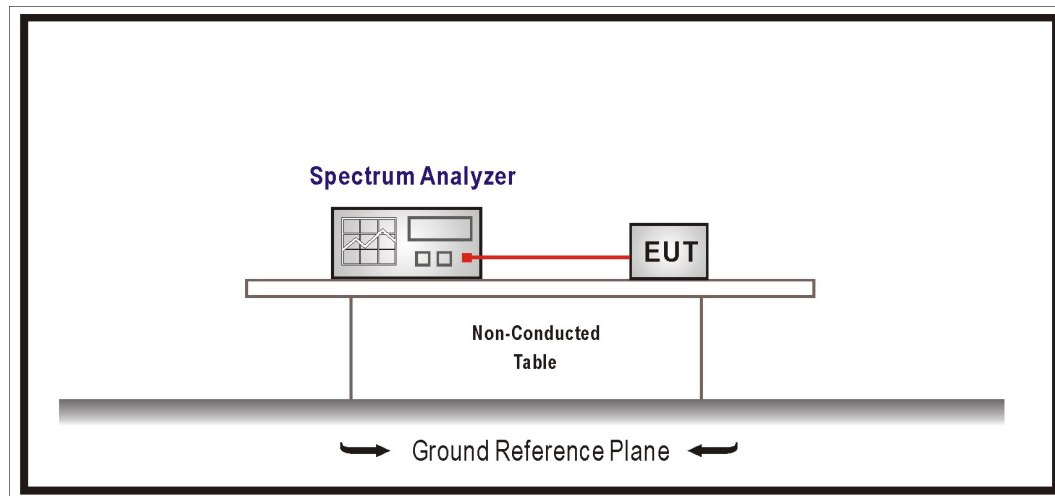
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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.

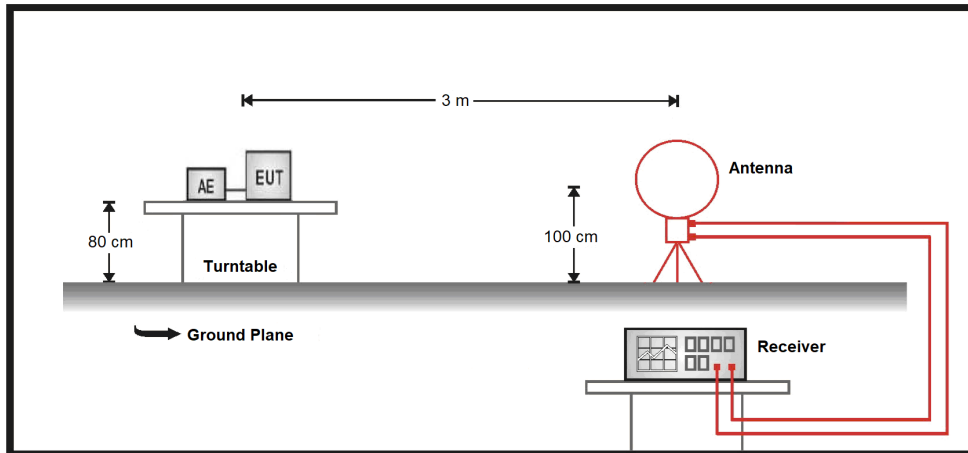
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

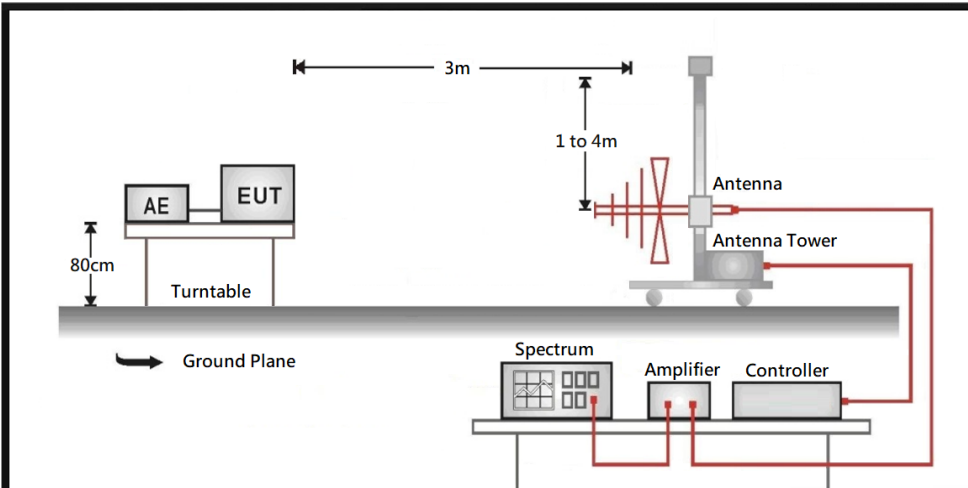
8. Transmitter Radiated Spurious Emission

8.1. Test Setup

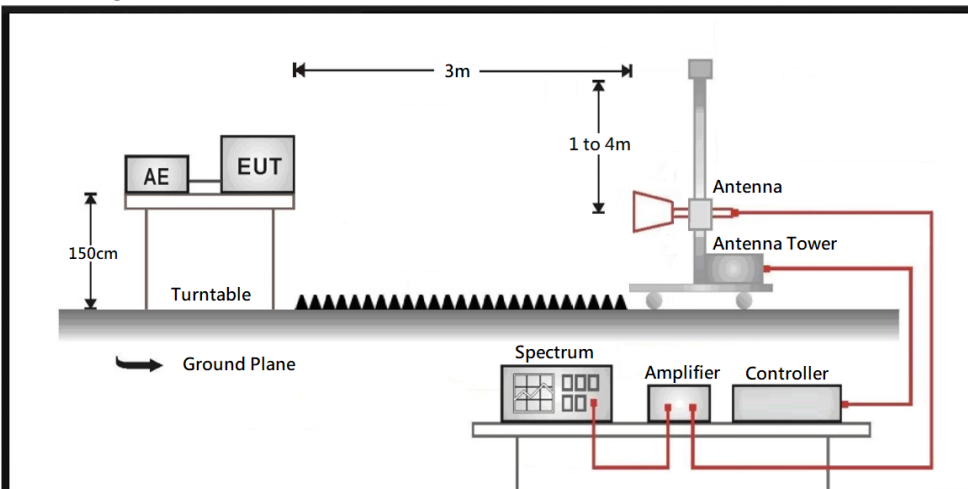
9 kHz ~ 30 MHz



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)

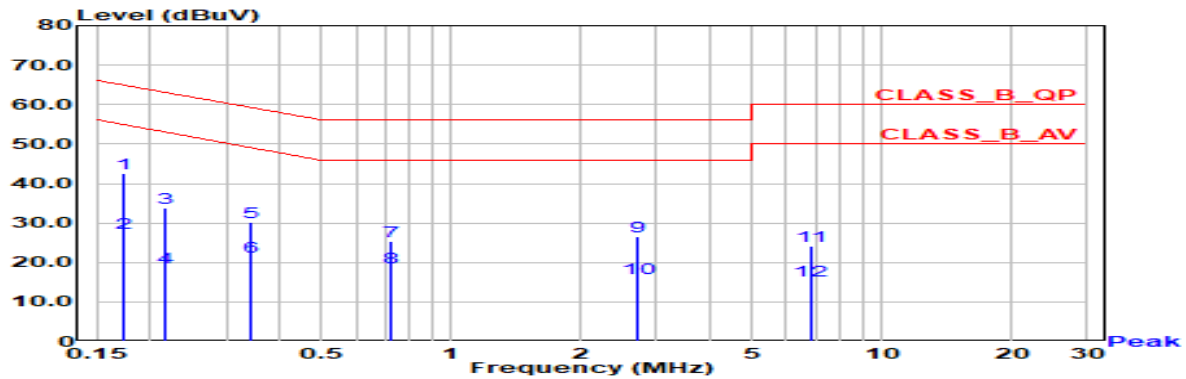
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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	Bluetooth		

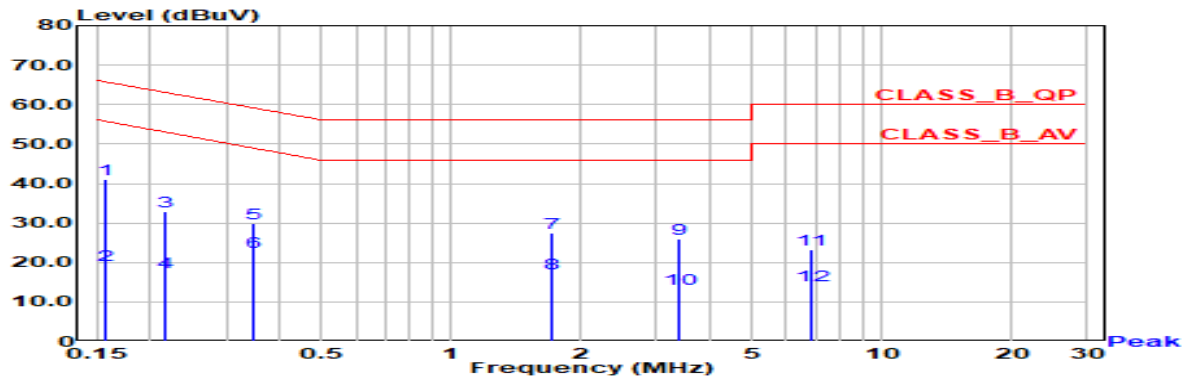


No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
*1	0.174	42.49	64.76	-22.27	32.87	9.62	QP
2	0.174	27.47	54.76	-27.28	17.85	9.62	AV
3	0.215	33.66	62.99	-29.33	24.04	9.63	QP
4	0.215	18.72	52.99	-34.27	9.10	9.63	AV
5	0.343	30.15	59.12	-28.97	20.52	9.64	QP
6	0.343	21.58	49.12	-27.54	11.94	9.64	AV
7	0.727	25.35	56.00	-30.65	15.68	9.67	QP
8	0.727	18.85	46.00	-27.15	9.18	9.67	AV
9	2.707	26.55	56.00	-29.45	16.76	9.79	QP
10	2.707	15.87	46.00	-30.13	6.07	9.79	AV
11	6.815	24.08	60.00	-35.92	14.12	9.96	QP
12	6.815	15.49	50.00	-34.51	5.53	9.96	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	Bluetooth		

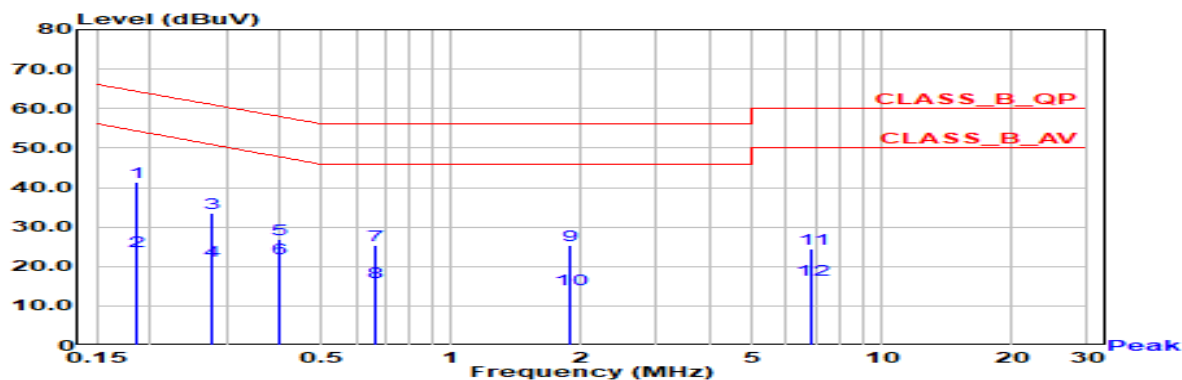


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.158	41.12	65.55	-24.44	31.50	9.62	QP
2	0.158	19.34	55.55	-36.22	9.72	9.62	AV
3	0.216	33.02	62.97	-29.95	23.40	9.63	QP
4	0.216	17.59	52.97	-35.38	7.96	9.63	AV
5	0.349	30.01	58.99	-28.98	20.37	9.64	QP
6	0.349	22.61	48.99	-26.38	12.97	9.64	AV
7	1.708	27.52	56.00	-28.48	17.76	9.75	QP
8	1.708	17.27	46.00	-28.73	7.52	9.75	AV
9	3.372	26.10	56.00	-29.90	16.27	9.83	QP
10	3.372	13.25	46.00	-32.75	3.41	9.83	AV
11	6.832	23.11	60.00	-36.89	13.12	9.99	QP
12	6.832	14.07	50.00	-35.93	4.08	9.99	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	Bluetooth		

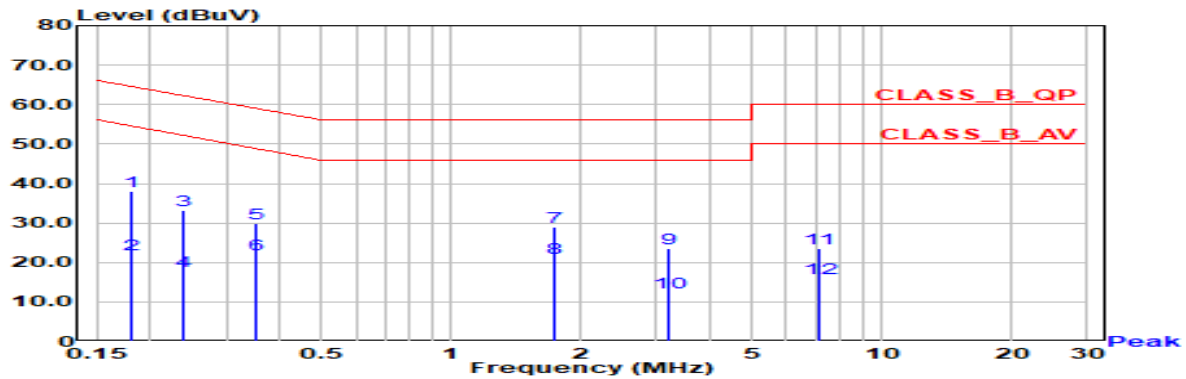


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.186	41.22	64.20	-22.98	31.60	9.62	QP
2	0.186	23.80	54.20	-30.41	14.17	9.62	AV
3	0.276	33.39	60.93	-27.54	23.76	9.63	QP
4	0.276	21.50	50.93	-29.43	11.87	9.63	AV
5	0.399	26.87	57.87	-31.01	17.22	9.64	QP
6	0.399	22.13	47.87	-25.74	12.49	9.64	AV
7	0.667	25.33	56.00	-30.67	15.66	9.67	QP
8	0.667	16.03	46.00	-29.97	6.36	9.67	AV
9	1.886	25.38	56.00	-30.62	15.61	9.76	QP
10	1.886	14.12	46.00	-31.88	4.35	9.76	AV
11	6.887	24.31	60.00	-35.69	14.32	9.99	QP
12	6.887	16.55	50.00	-33.45	6.56	9.99	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	Bluetooth		



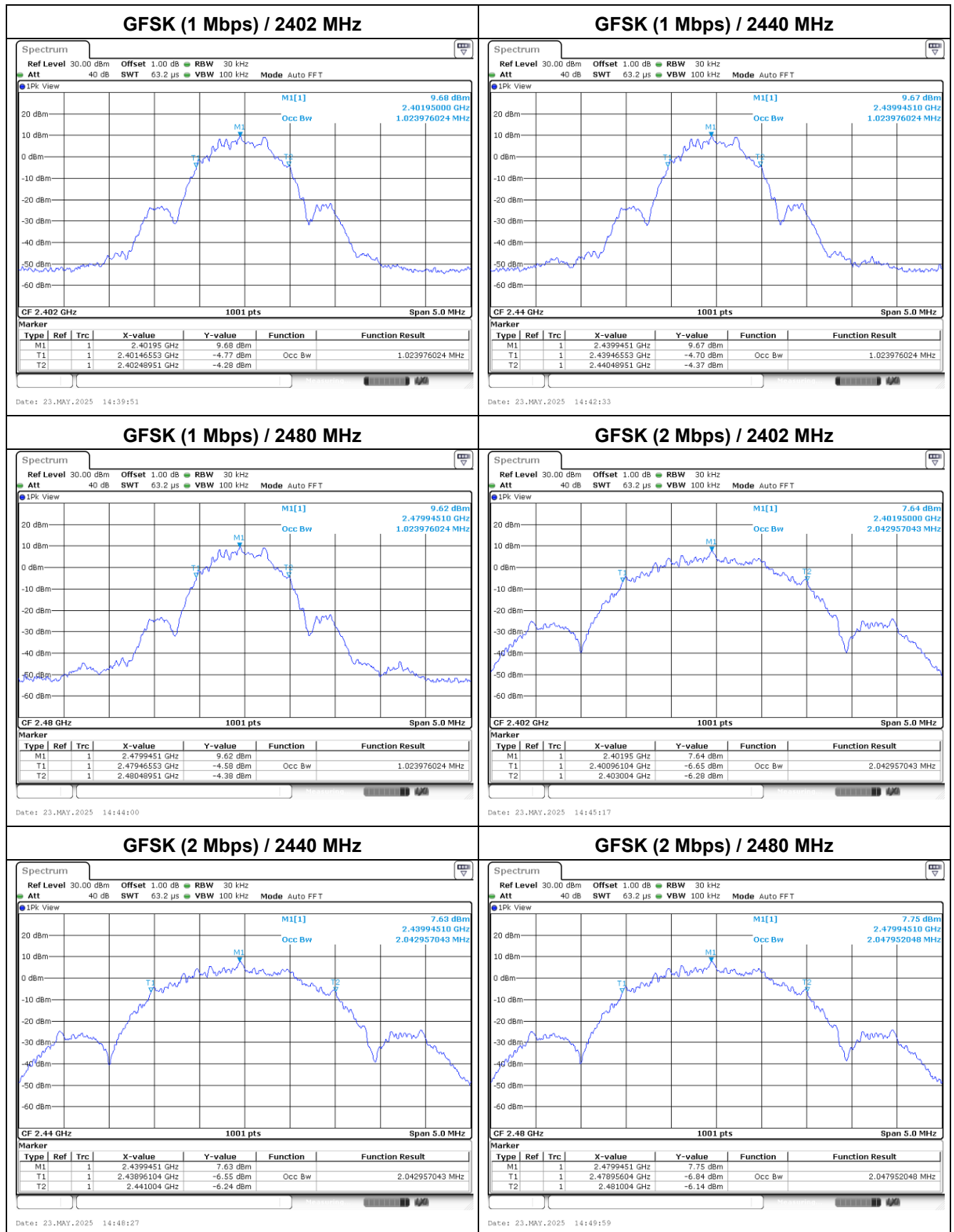
No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.180	38.16	64.50	-26.34	28.54	9.62	QP
2	0.180	22.19	54.50	-32.32	12.56	9.62	AV
3	0.238	33.23	62.15	-28.92	23.61	9.63	QP
4	0.238	17.91	52.15	-34.24	8.28	9.63	AV
5	0.353	29.85	58.90	-29.06	20.21	9.64	QP
6	0.353	22.13	48.90	-26.78	12.49	9.64	AV
7	1.726	28.86	56.00	-27.14	19.11	9.75	QP
*8	1.726	21.18	46.00	-24.82	11.43	9.75	AV
9	3.207	23.59	56.00	-32.41	13.76	9.83	QP
10	3.207	12.41	46.00	-33.59	2.58	9.83	AV
11	7.132	23.56	60.00	-36.44	13.55	10.00	QP
12	7.132	16.14	50.00	-33.86	6.14	10.00	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

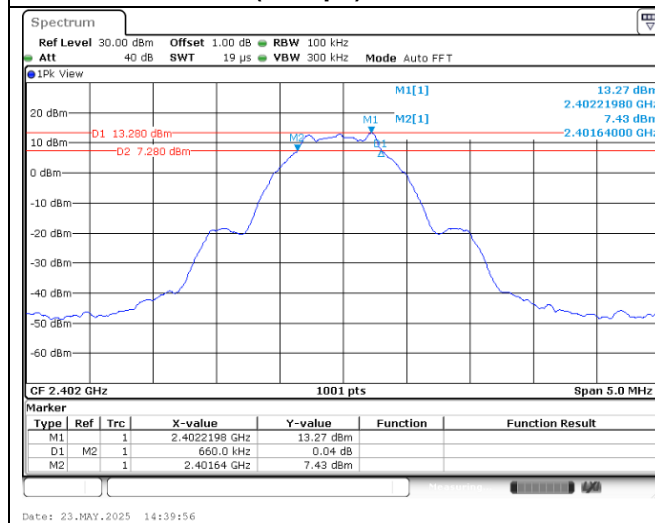
Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
GFSK (1 Mbps)	2402	1.02	-
	2440	1.02	-
	2480	1.02	-
GFSK (2 Mbps)	2402	2.04	-
	2440	2.04	-
	2480	2.05	-



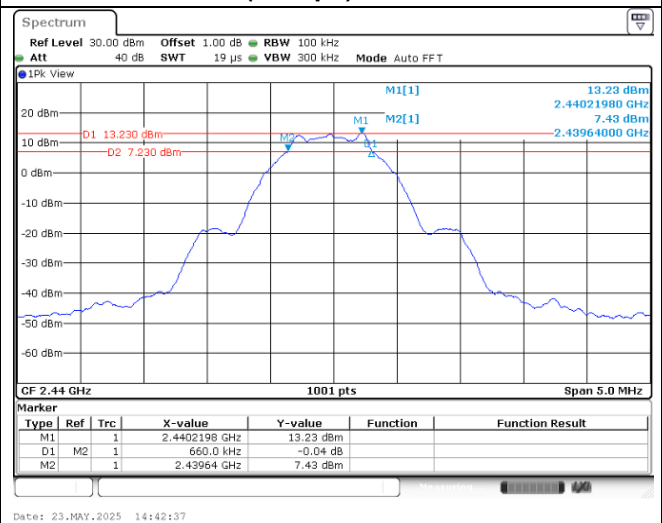
Appendix B.2 Test Result of DTS Bandwidth

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
GFSK (1 Mbps)	2402	0.66	0.50	Pass
	2440	0.66	0.50	Pass
	2480	0.66	0.50	Pass
GFSK (2 Mbps)	2402	1.16	0.50	Pass
	2440	1.16	0.50	Pass
	2480	1.16	0.50	Pass

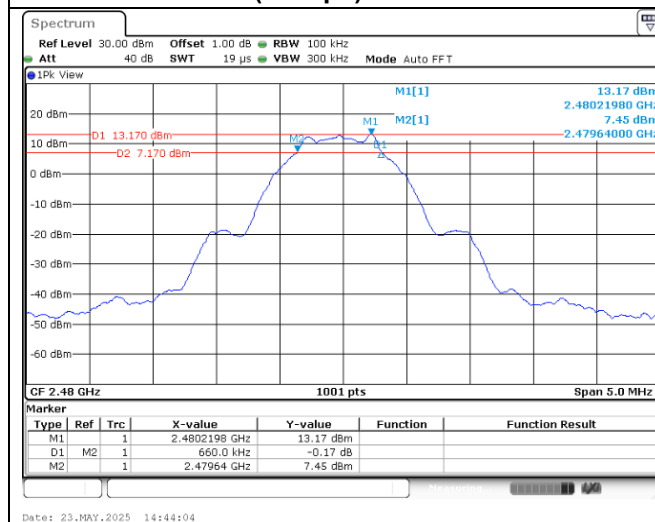
GFSK (1 Mbps) / 2402 MHz



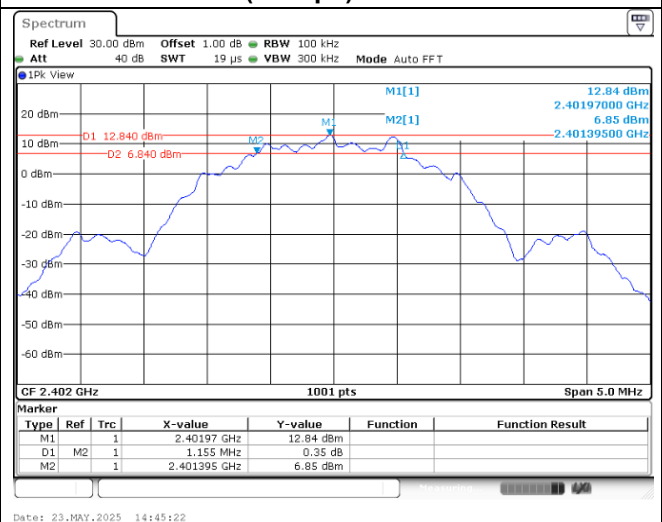
GFSK (1 Mbps) / 2440 MHz



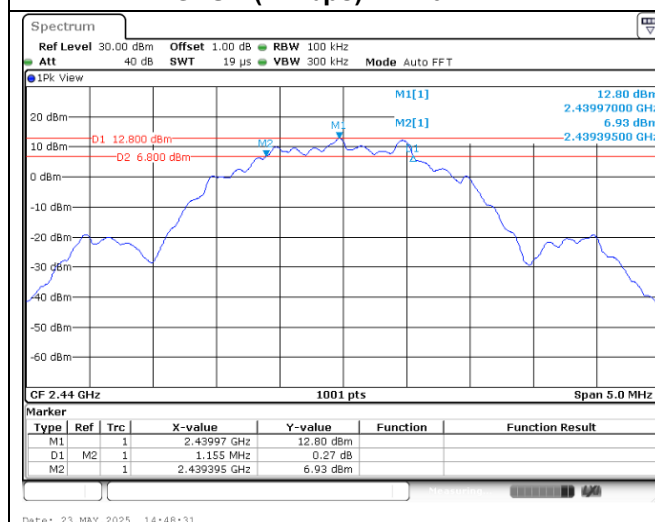
GFSK (1 Mbps) / 2480 MHz



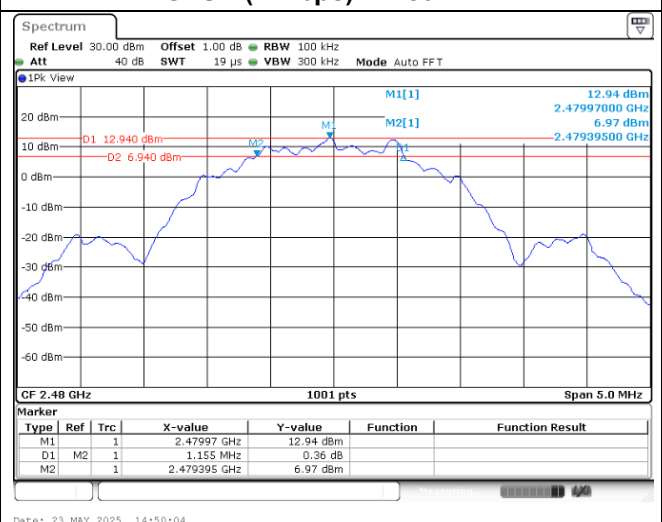
GFSK (2 Mbps) / 2402 MHz



GFSK (2 Mbps) / 2440 MHz



GFSK (2 Mbps) / 2480 MHz

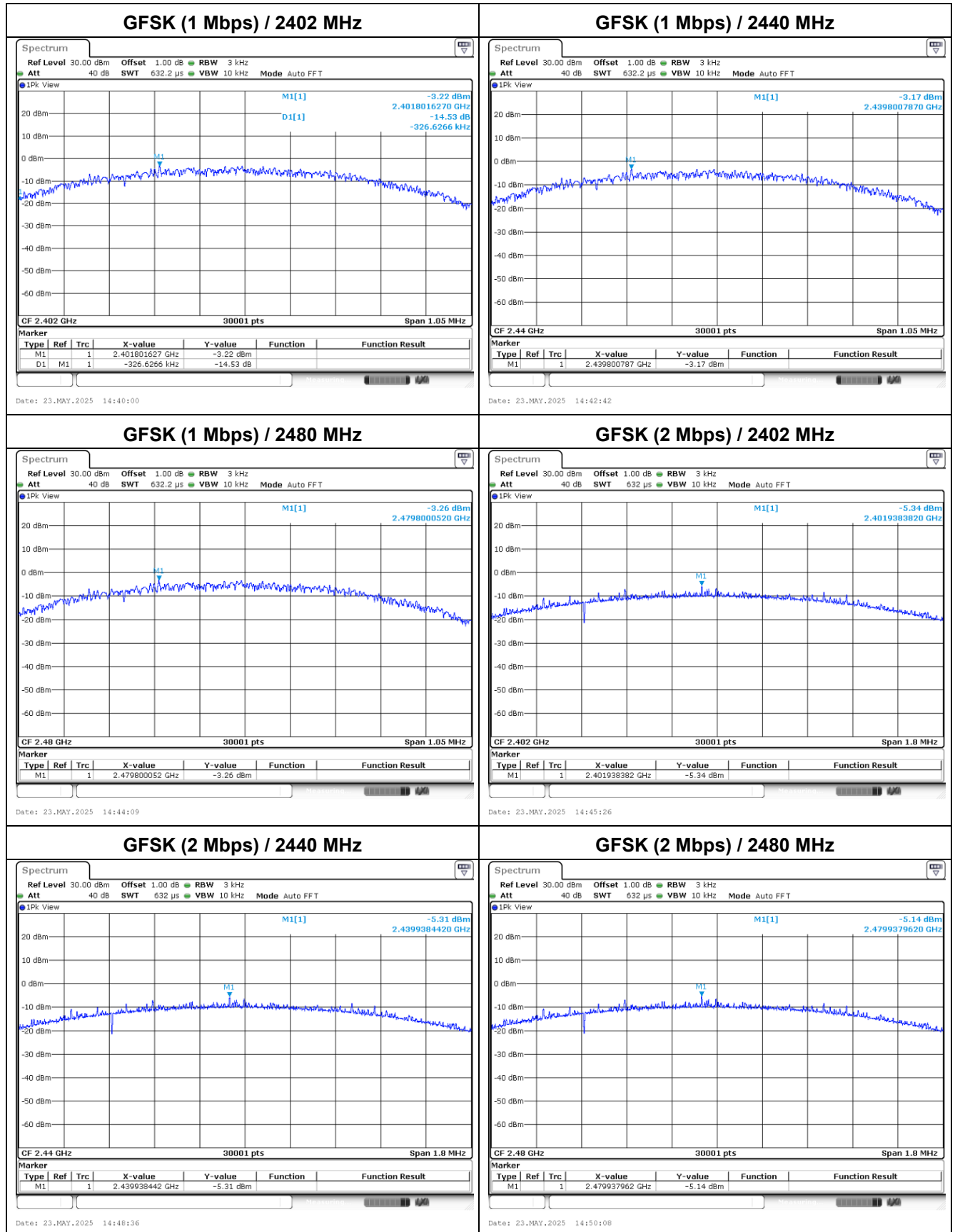


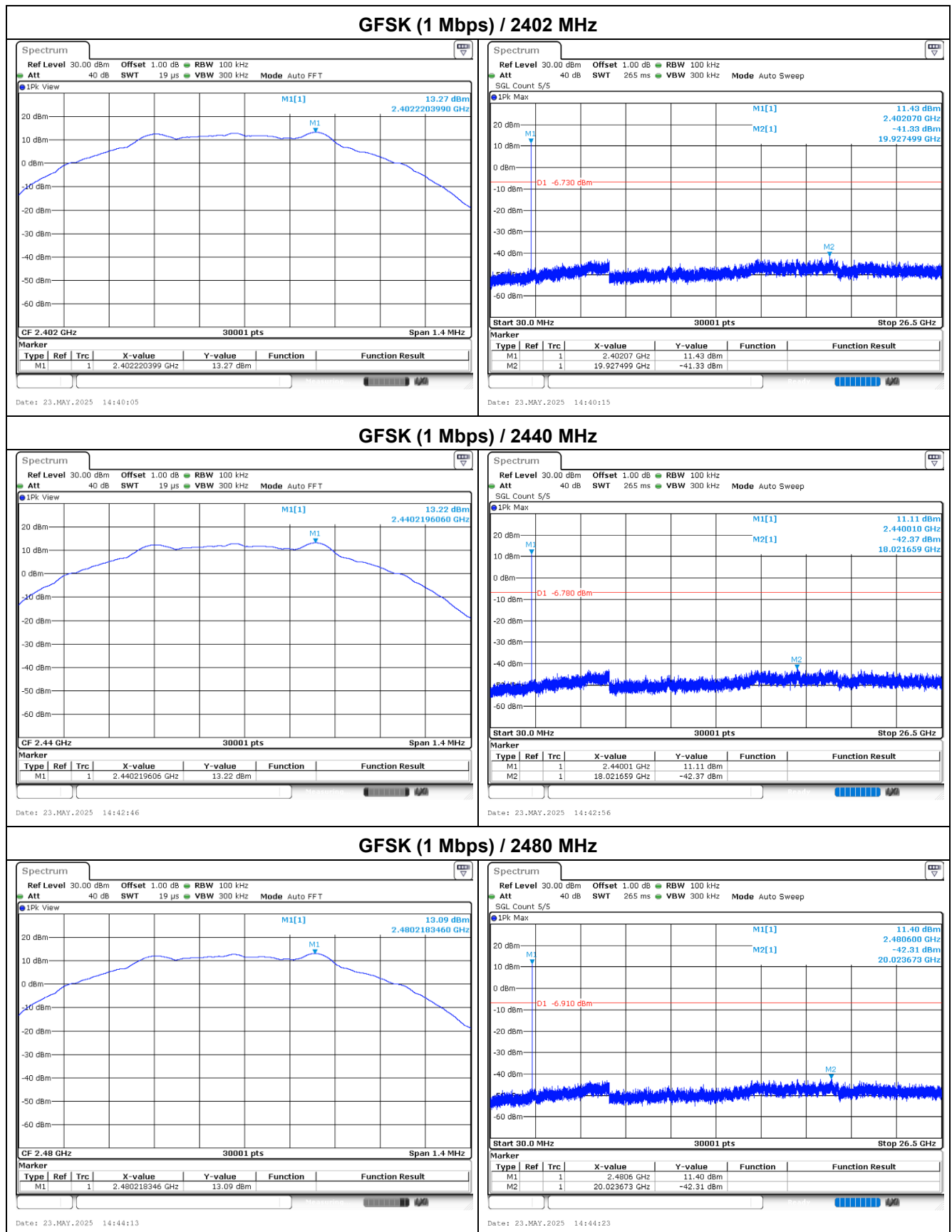
Appendix C. Test Result of Maximum Conducted Output Power

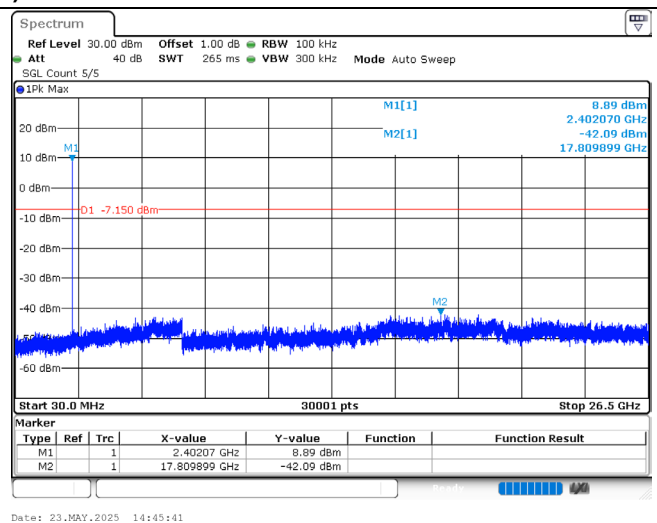
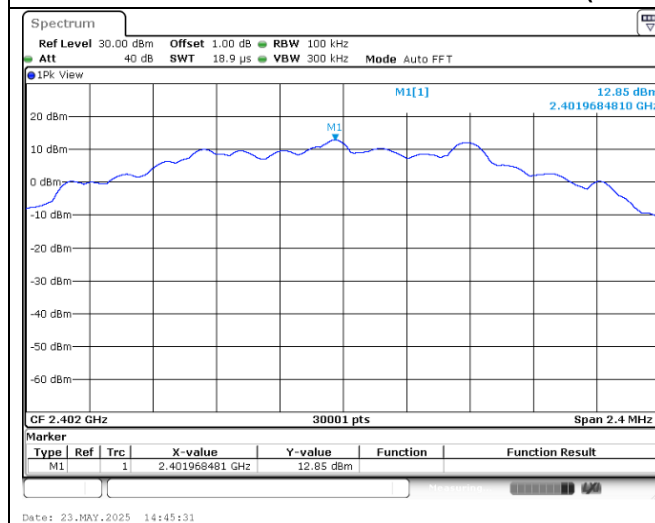
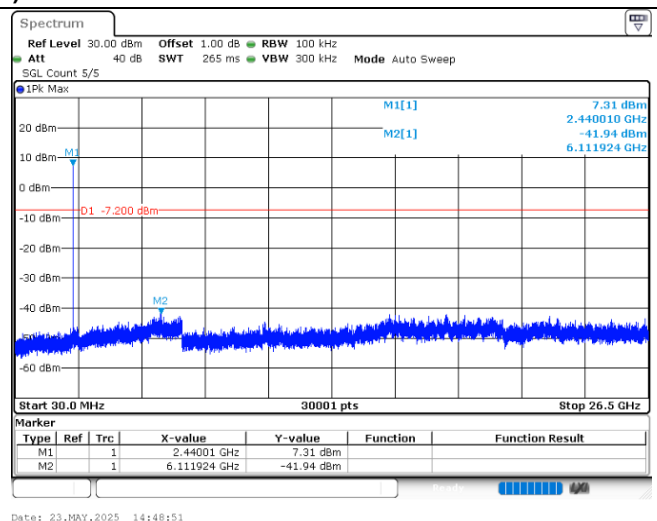
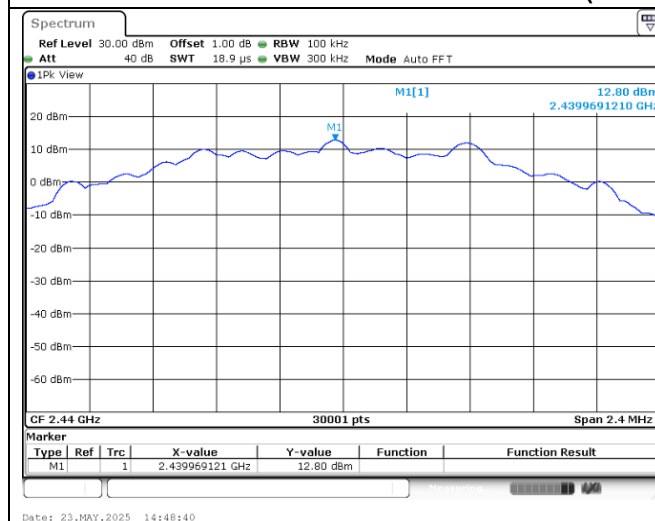
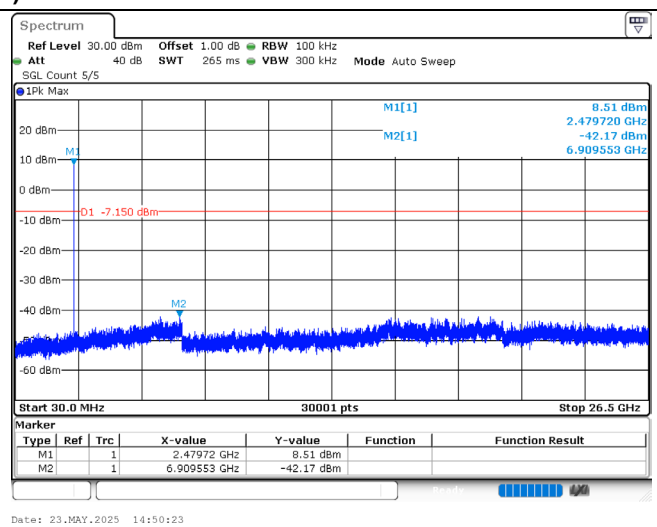
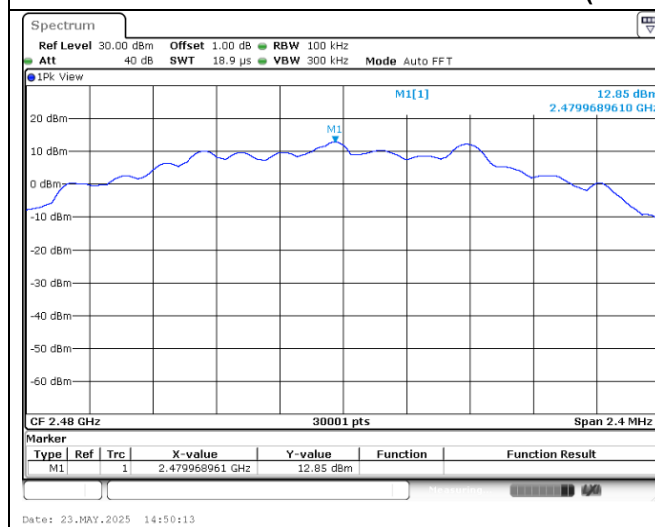
Modulation	Frequency (MHz)	Maximum Conducted Output Power (dBm)		Limit (dBm)	Result
		Average	Peak		
GFSK (1 Mbps)	2402	13.19	13.33	30.00	Pass
	2440	13.17	13.32	30.00	Pass
	2480	13.03	13.19	30.00	Pass
GFSK (2 Mbps)	2402	13.23	13.37	30.00	Pass
	2440	13.23	13.37	30.00	Pass
	2480	13.31	13.46	30.00	Pass

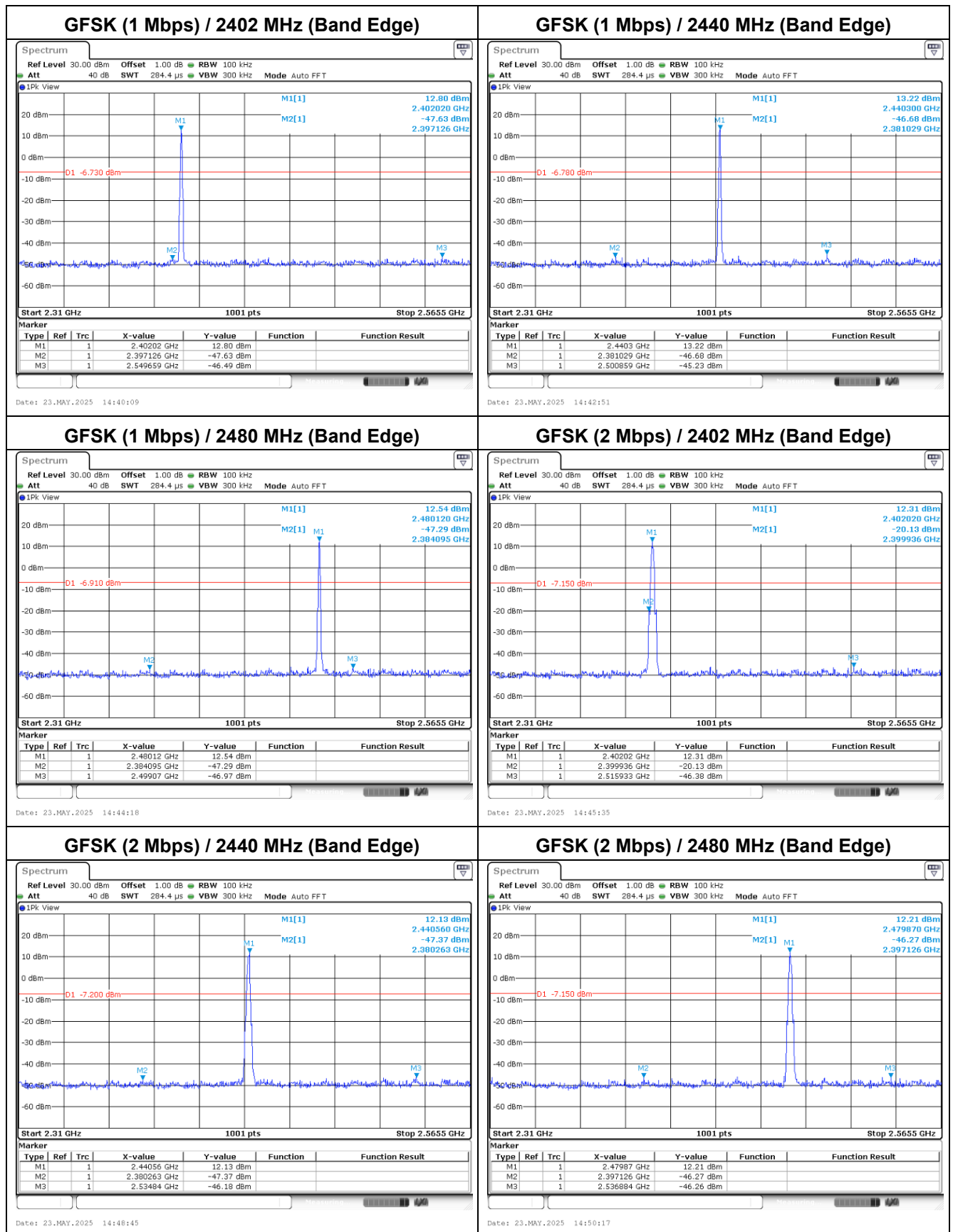
Appendix D. Test Result of Maximum Power Spectral Density

Modulation	Frequency (MHz)	Measure Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK (1 Mbps)	2402	-3.22	8.00	Pass
	2440	-3.17	8.00	Pass
	2480	-3.26	8.00	Pass
GFSK (2 Mbps)	2402	-5.34	8.00	Pass
	2440	-5.31	8.00	Pass
	2480	-5.14	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**

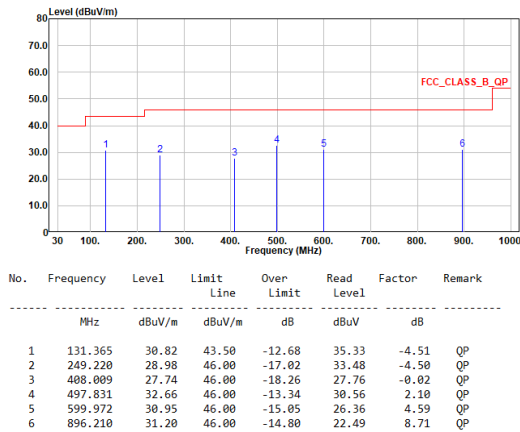


Appendix F. Test Result of Transmitter Radiated Spurious Emission

30 MHz ~ 1 GHz

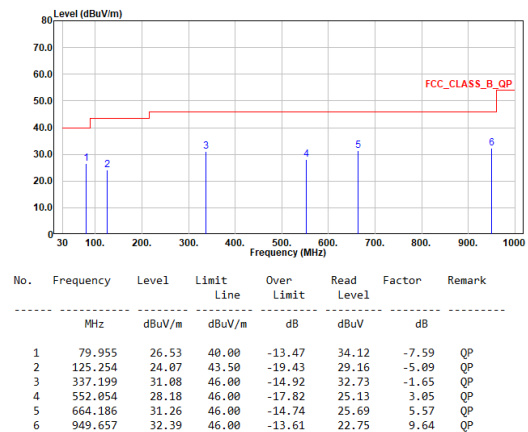
Test Mode: Mode 1

Site :HC-CB04
Condition :3m Horizontal
Mode :BLE_TX_LF
Test By :Ling Chen



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.

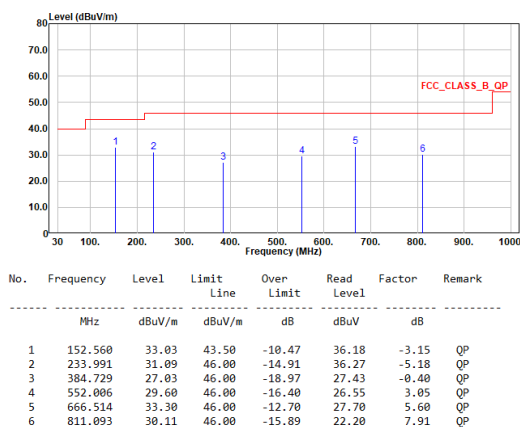
Site :HC-CB04
Condition :3m Vertical
Mode :BLE_TX_LF
Test By :Ling Chen



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.

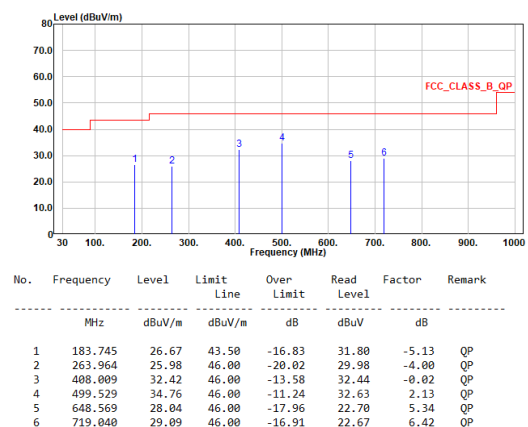
Test Mode: Mode 2

Site :HC-CB04
Condition :3m Horizontal
Mode :BLE_TX_LF
Test By :Ling Chen



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.

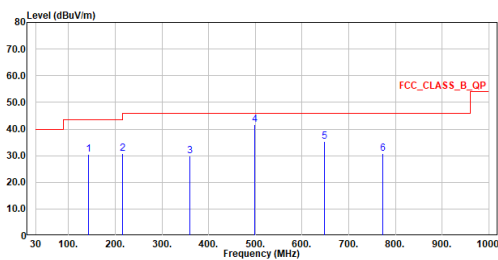
Site :HC-CB04
Condition :3m Vertical
Mode :BLE_TX_LF
Test By :Ling Chen



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: Mode 3

Site :HC-CB04
 Condition :3m Horizontal
 Mode :BLE_TX_LF
 Test By :Ling Chen

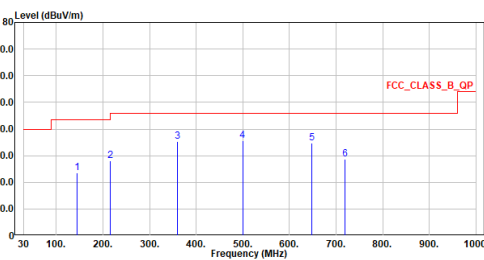


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	143.199	30.43	43.50	-13.07	33.81	-3.38	QP
2	215.949	30.67	43.50	-12.83	37.25	-6.58	QP
3	359.994	29.90	46.00	-16.10	31.37	-1.47	QP
4	497.831	41.66	46.00	-4.34	39.56	2.10	QP
5	647.987	35.18	46.00	-10.82	29.84	5.34	QP
6	773.311	30.74	46.00	-15.26	23.24	7.50	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 :Ling Chen



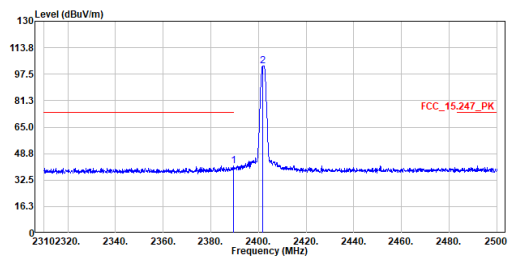
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	144.072	23.59	43.50	-19.91	26.90	-3.31	QP
2	215.949	28.15	43.50	-15.35	34.73	-6.58	QP
3	359.994	35.41	46.00	-10.59	36.88	-1.47	QP
4	499.383	35.70	46.00	-10.30	33.57	2.13	QP
5	647.987	34.60	46.00	-11.40	29.26	5.34	QP
6	719.864	28.73	46.00	-17.27	22.28	6.45	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
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2402MHz
Test By :Ling Chen

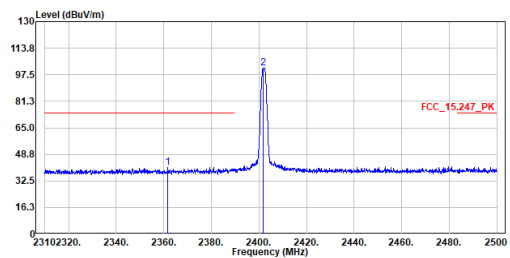


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.515	41.30	74.00	-32.70	30.89	10.41	Peak
2	2401.770	102.65	74.00	28.65	92.21	10.44	Peak

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
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2402MHz
Test By :Ling Chen

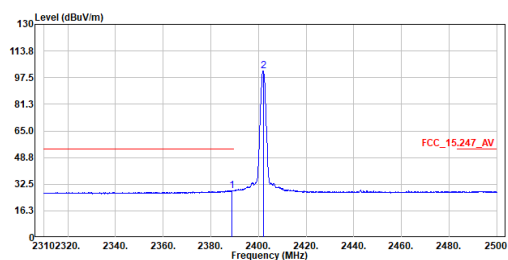


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2361.585	40.62	74.00	-33.38	30.28	10.34	Peak
2	2401.770	101.44	74.00	27.44	91.00	10.44	Peak

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
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2402MHz
Test By :Ling Chen

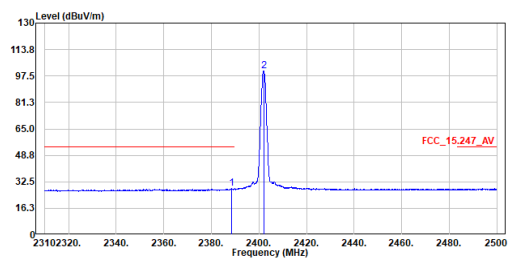


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.755	28.69	54.00	-25.31	18.29	10.40	Average
2	2401.960	101.74	54.00	47.74	91.30	10.44	Average

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
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2402MHz
Test By :Ling Chen

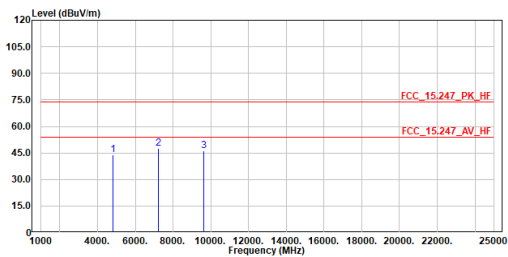


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.565	28.26	54.00	-25.74	17.86	10.40	Average
2	2401.960	100.55	54.00	46.55	90.11	10.44	Average

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 :BLE_1M_TX_2402MHz
Test By :Ling Chen

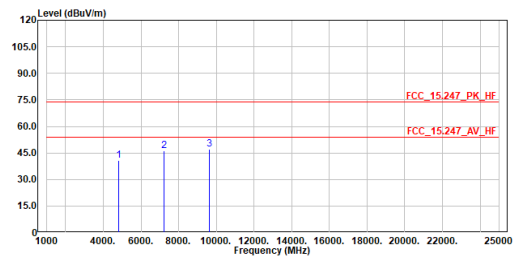


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	44.12	74.00	-29.88	61.94	-17.82	Peak
2	7206.000	47.50	74.00	-26.50	60.33	-12.83	Peak
3	9608.000	46.36	74.00	-27.64	55.51	-9.15	Peak

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 :BLE_1M_TX_2402MHz
Test By :Ling Chen

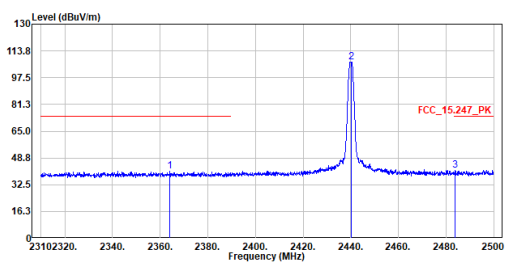


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	40.88	74.00	-33.12	58.70	-17.82	Peak
2	7206.000	46.24	74.00	-27.76	59.07	-12.83	Peak
3	9608.000	46.93	74.00	-27.07	56.08	-9.15	Peak

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
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2440MHz
Test By :Ling Chen

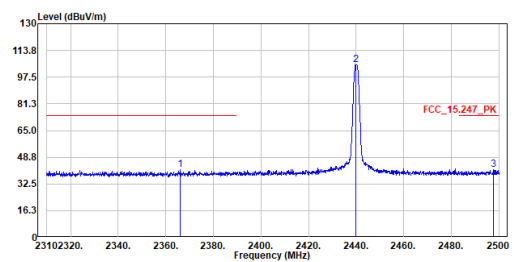


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2364.150	40.61	74.00	-33.39	30.26	10.35	Peak
2	2440.340	107.10	-----	-----	96.56	10.54	Peak
3	2483.850	41.12	74.00	-32.88	30.47	10.65	Peak

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
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2440MHz
Test By :Ling Chen

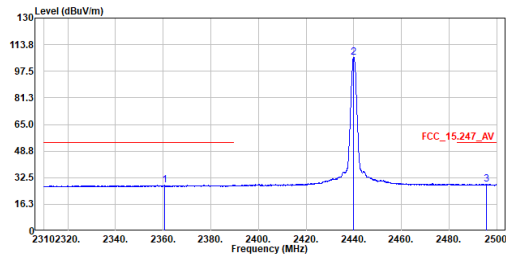


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2366.145	41.13	74.00	-32.87	30.78	10.35	Peak
2	2439.770	104.90	-----	-----	94.37	10.53	Peak
3	2497.815	41.04	74.00	-32.96	30.36	10.68	Peak

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.

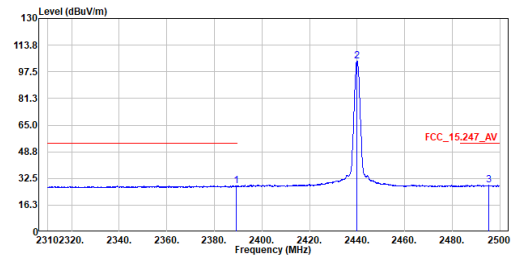
Site :HC-CB04
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2440MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2360.540	27.88	54.00	-26.12	17.55	10.33	Average
2	2439.960	106.20	-----	-----	95.67	10.53	Average
3	2495.630	28.48	54.00	-25.52	17.81	10.67	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.

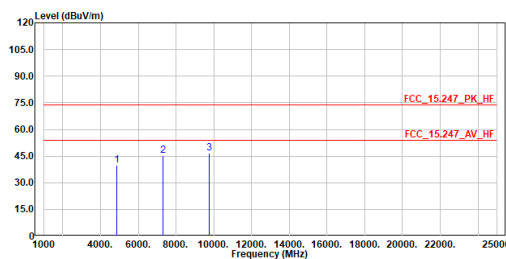
Site :HC-CB04
Condition :3m ,Vertical
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2440MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2389.040	28.20	54.00	-25.80	17.80	10.40	Average
2	2439.960	104.01	-----	-----	93.48	10.53	Average
3	2495.155	28.46	54.00	-25.54	17.79	10.67	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.

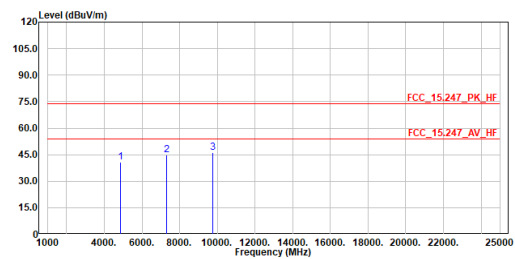
Site :HC-CB04
Condition :3m ,Horizontal
Mode :BLE_1M_TX_2440MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	40.03	74.00	-33.97	57.64	-17.61	Peak
2	7320.000	45.30	74.00	-28.70	57.94	-12.64	Peak
3	9760.000	46.77	74.00	-27.23	55.72	-8.95	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.

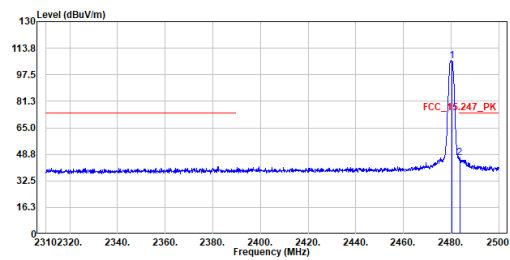
Site :HC-CB04
Condition :3m ,Vertical
Mode :BLE_1M_TX_2440MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	40.61	74.00	-33.39	58.22	-17.61	Peak
2	7320.000	44.80	74.00	-29.20	57.44	-12.64	Peak
3	9760.000	46.23	74.00	-27.77	55.18	-8.95	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
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2480MHz
Test By :Ling Chen

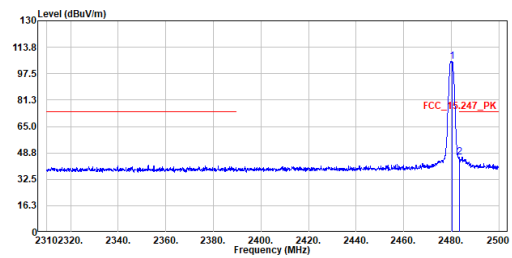


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.335	105.86	-----	-----	95.23	10.63	Peak
2	2483.565	46.70	74.00	-27.30	36.06	10.64	Peak

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
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2480MHz
Test By :Ling Chen

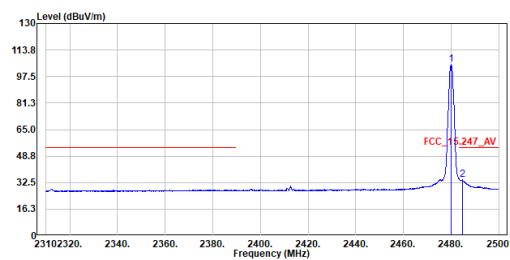


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.335	104.89	-----	-----	94.26	10.63	Peak
2	2483.500	46.34	74.00	-27.66	35.70	10.64	Peak

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
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2480MHz
Test By :Ling Chen

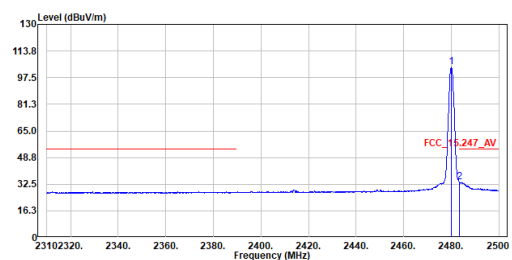


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.050	104.96	-----	-----	94.33	10.63	Average
2	2484.610	34.29	54.00	-19.71	23.64	10.65	Average

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
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2480MHz
Test By :Ling Chen

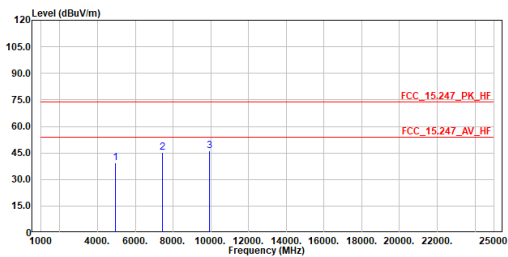


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.050	103.94	-----	-----	93.31	10.63	Average
2	2483.500	33.76	54.00	-20.24	23.12	10.64	Average

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 :BLE_1M_TX_2480MHz
Test By :Ling Chen

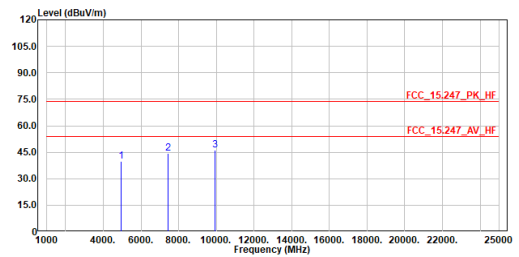


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	39.60	74.00	-34.40	57.00	-17.40	Peak
2	7440.000	45.46	74.00	-28.54	57.90	-12.44	Peak
3	9920.000	46.23	74.00	-27.77	55.00	-8.77	Peak

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 :BLE_1M_TX_2480MHz
Test By :Ling Chen

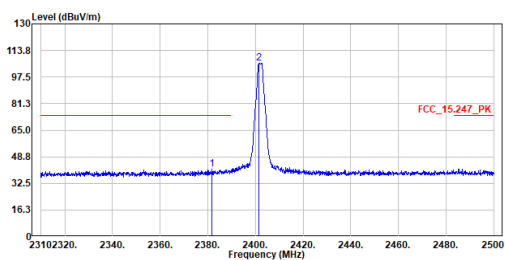


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	39.87	74.00	-34.13	57.27	-17.40	Peak
2	7440.000	44.52	74.00	-29.48	56.96	-12.44	Peak
3	9920.000	46.24	74.00	-27.76	55.01	-8.77	Peak

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
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2402MHz
Test By :Ling Chen

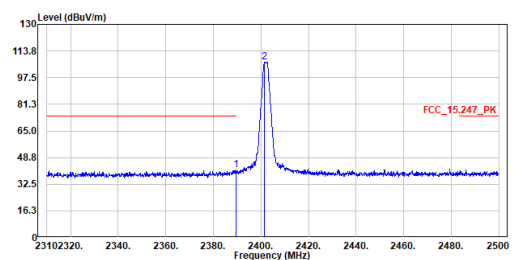


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2381.725	41.11	74.00	-32.89	30.73	10.38	Peak
2	2401.485	106.13	-----	-----	95.69	10.44	Peak

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
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2402MHz
Test By :Ling Chen

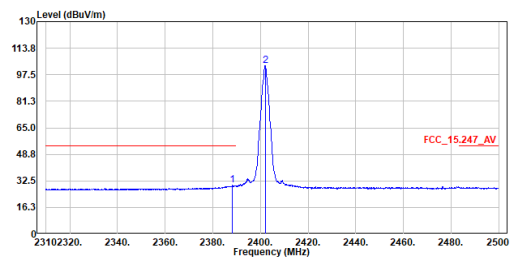


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2389.420	41.18	74.00	-32.82	30.77	10.41	Peak
2	2401.485	107.05	-----	-----	96.61	10.44	Peak

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
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2402MHz
Test By :Ling Chen

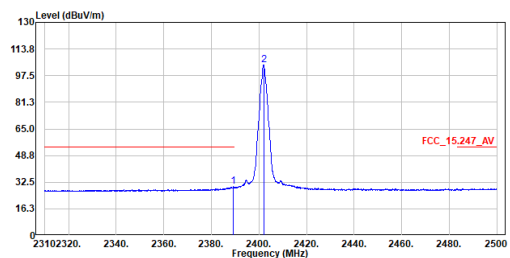


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2388.280	29.70	54.00	-24.30	19.30	10.40	Average
2	2401.960	103.22	-----	-----	92.78	10.44	Average

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
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2402MHz
Test By :Ling Chen

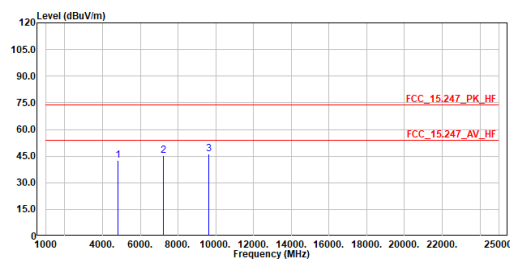


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2389.135	29.79	54.00	-24.21	19.39	10.40	Average
2	2402.055	104.12	-----	-----	93.68	10.44	Average

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 :BLE_2M_TX_2402MHz
Test By :Ling Chen

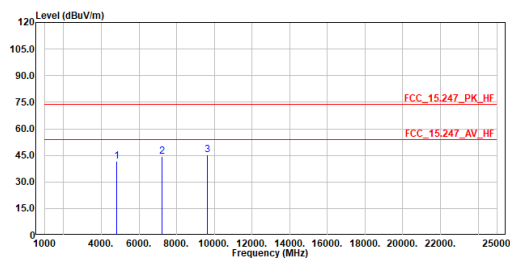


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4804.000	42.40	74.00	-31.60	60.22	-17.82	Peak
2	7206.000	45.18	74.00	-28.82	58.01	-12.83	Peak
3	9608.000	46.05	74.00	-27.95	55.20	-9.15	Peak

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 :BLE_2M_TX_2402MHz
Test By :Ling Chen

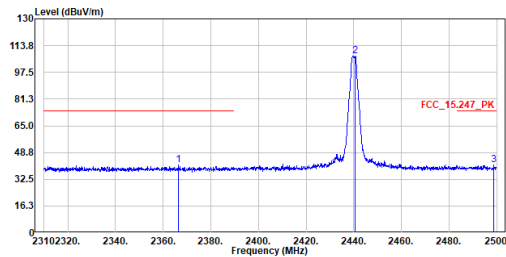


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4804.000	41.65	74.00	-32.35	59.47	-17.82	Peak
2	7206.000	44.27	74.00	-29.73	57.10	-12.83	Peak
3	9608.000	45.46	74.00	-28.54	54.61	-9.15	Peak

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.

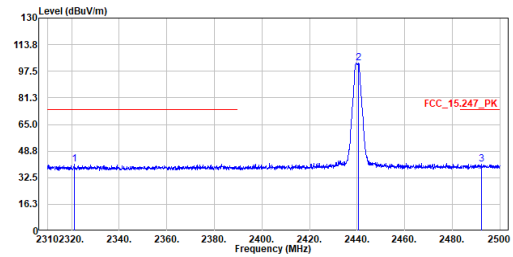
Site :HC-CB04
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2440MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2366.335	41.22	74.00	-32.78	30.87	10.35	Peak
2	2440.530	107.32	-----	-----	96.78	10.54	Peak
3	2498.765	41.14	74.00	-32.86	30.46	10.68	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.

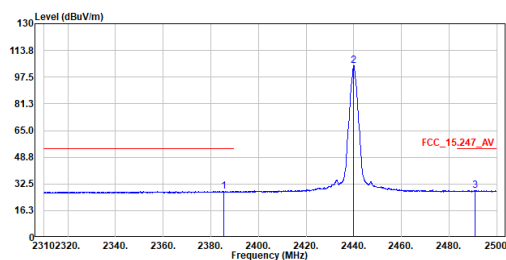
Site :HC-CB04
Condition :3m ,Vertical
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2440MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2321.210	40.76	74.00	-33.24	30.52	10.24	Peak
2	2440.530	102.41	-----	-----	91.87	10.54	Peak
3	2492.210	40.68	74.00	-33.32	30.02	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.

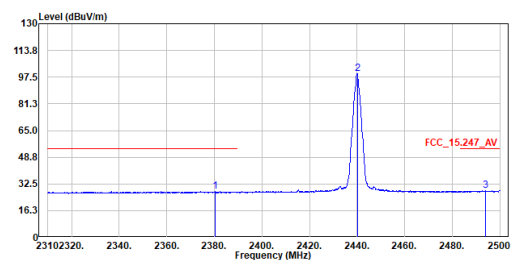
Site :HC-CB04
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2440MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2385.525	28.03	54.00	-25.97	17.64	10.39	Average
2	2439.960	104.51	-----	-----	93.98	10.53	Average
3	2498.975	28.50	54.00	-25.50	17.84	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.

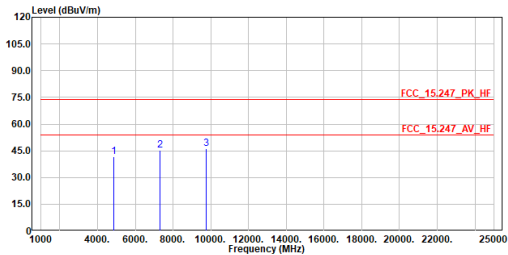
Site :HC-CB04
Condition :3m ,Vertical
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2440MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2380.395	28.03	54.00	-25.97	17.65	10.38	Average
2	2440.055	99.60	-----	-----	89.07	10.53	Average
3	2493.920	28.39	54.00	-25.61	17.73	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.

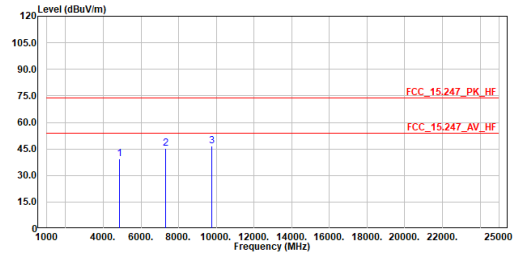
Site :HC-CB04
Condition :3m ,Horizontal
Mode :BLE_2M_TX_2440MHz
Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	41.56	74.00	-32.44	59.17	-17.61	Peak
2	7320.000	45.51	74.00	-28.49	58.15	-12.64	Peak
3	9760.000	46.11	74.00	-27.89	55.06	-8.95	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.

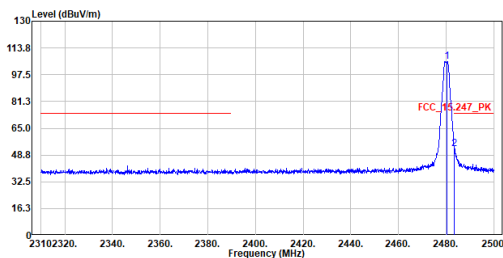
Site :HC-CB04
Condition :3m ,Vertical
Mode :BLE_2M_TX_2440MHz
Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	39.48	74.00	-34.52	57.09	-17.61	Peak
2	7320.000	45.48	74.00	-28.52	58.12	-12.64	Peak
3	9760.000	46.53	74.00	-27.47	55.48	-8.95	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.

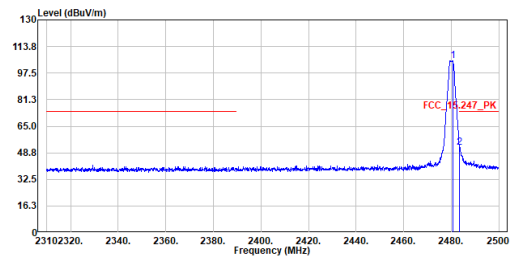
Site :HC-CB04
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2480MHz
Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2480.500	105.53	74.00	31.53	94.90	10.63	Peak
2	2483.500	52.40	74.00	-21.60	41.76	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.

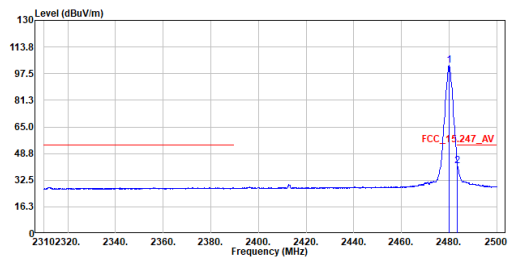
Site :HC-CB04
Condition :3m ,Vertical
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2480MHz
Test By :Ling Chen



No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2480.525	105.13	74.00	31.13	94.50	10.63	Peak
2	2483.500	52.21	74.00	-21.79	41.57	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
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2480MHz
Test By :Ling Chen

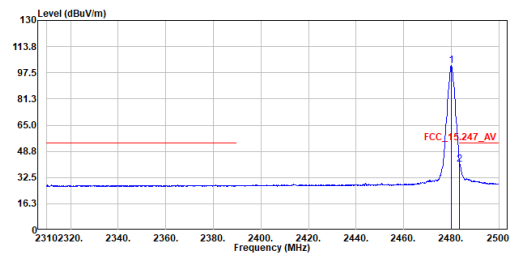


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2480.050	102.70	48.80	-12.79	92.07	10.63	Average
2	2483.500	41.21	54.00	-12.79	30.57	10.64	Average

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
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2480MHz
Test By :Ling Chen

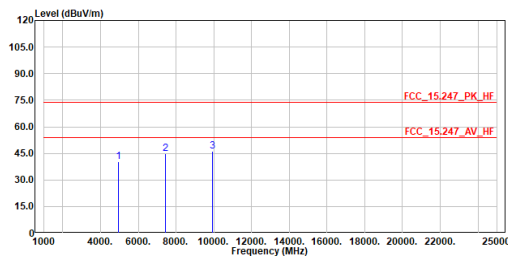


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	2480.050	102.27	48.80	-13.11	91.64	10.63	Average
2	2483.500	40.89	54.00	-13.11	30.25	10.64	Average

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 :BLE_2M_TX_2480MHz
Test By :Ling Chen

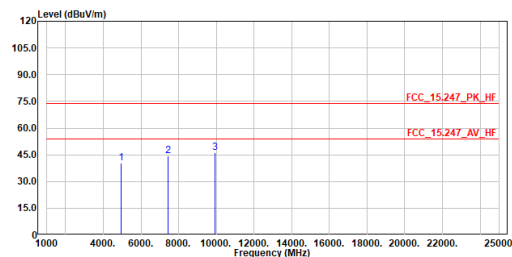


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4960.000	40.45	74.00	-33.55	57.85	-17.40	Peak
2	7440.000	45.03	74.00	-28.97	57.47	-12.44	Peak
3	9920.000	46.01	74.00	-27.99	54.78	-8.77	Peak

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 :BLE_2M_TX_2480MHz
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4960.000	40.33	74.00	-33.67	57.73	-17.40	Peak
2	7440.000	44.47	74.00	-29.53	56.91	-12.44	Peak
3	9920.000	46.25	74.00	-27.75	55.02	-8.77	Peak

Note:

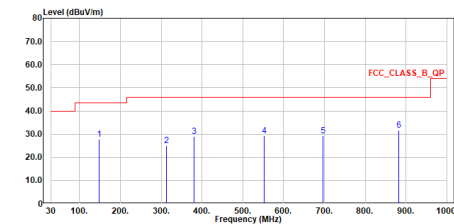
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Appendix G. Test Result of Radiated Emissions Co-location

Bluetooth + WiFi 2.4GHz

30 MHz ~ 1 GHz:

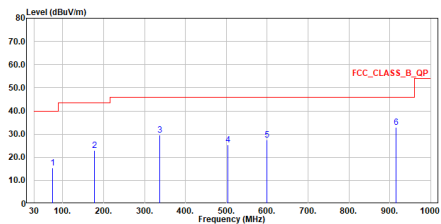
Site :HC-CB04
Condition :3m Horizontal
Mode :Colocation_WIFI 2.4G+BLE_LF
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	148.049	27.91	43.50	-15.59	31.11	-3.20	QP
2	311.979	25.05	46.00	-20.95	27.40	-2.35	QP
3	381.237	28.92	46.00	-17.08	29.47	-0.55	QP
4	552.086	29.39	46.00	-16.61	26.34	3.05	QP
5	695.002	29.19	46.00	-16.81	23.11	6.08	QP
6	883.018	31.75	46.00	-14.25	23.25	8.50	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 :Colocation_WIFI 2.4G+BLE_LF
Test By :Ling Chen

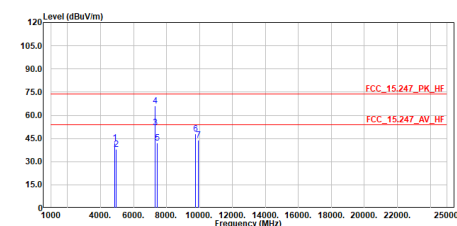


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	75.105	15.25	40.00	-24.75	21.34	-6.09	QP
2	177.537	22.79	43.50	-20.71	27.27	-4.48	QP
3	336.811	29.56	46.00	-16.44	31.21	-1.65	QP
4	583.991	25.26	46.00	-20.74	23.03	2.23	QP
5	680.021	27.59	46.00	-18.41	23.00	4.59	QP
6	914.980	32.96	46.00	-13.04	23.90	9.06	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:

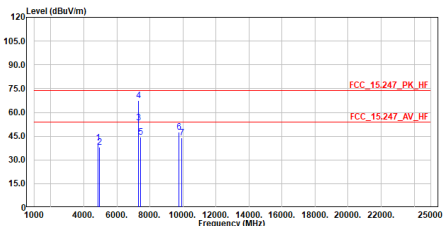
Site :HC-CB04
Condition :3m Horizontal
Mode :Colocation_WIFI 2.4G+BLE
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4874.000	42.09	74.00	-31.91	59.71	-17.62	Peak
2	4960.150	37.91	74.00	-36.09	55.31	-17.40	Peak
3	7311.000	51.06	54.00	-2.14	64.52	-12.66	Average
4	7311.000	66.07	74.00	-7.93	78.73	-12.66	Peak
5	7439.600	42.02	74.00	-31.98	54.46	-12.44	Peak
6	9748.000	47.88	74.00	-26.12	56.86	-8.98	Peak
7	9919.900	43.97	74.00	-30.03	52.74	-8.77	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 :Colocation_WIFI 2.4G+BLE
Test By :Ling Chen

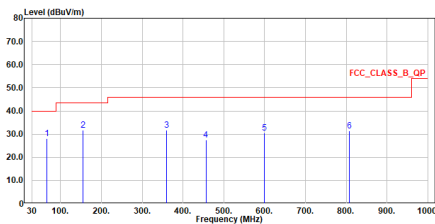


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4874.000	40.73	74.00	-33.27	58.35	-17.62	Peak
2	4960.150	38.00	74.00	-36.00	55.40	-17.40	Peak
3	7311.000	53.48	54.00	-0.52	66.14	-12.66	Average
4	7311.000	67.62	74.00	-6.38	80.28	-12.66	Peak
5	7439.600	44.42	74.00	-29.58	56.86	-12.44	Peak
6	9748.000	47.54	74.00	-26.46	56.52	-8.98	Peak
7	9919.900	43.77	74.00	-30.23	52.54	-8.77	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.

Bluetooth + WiFi 5GHz**30 MHz ~ 1 GHz:**

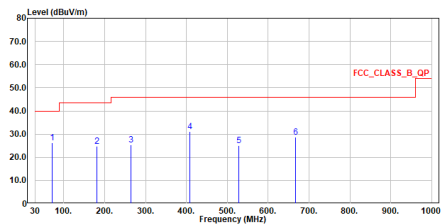
Site :HC-CB04
Condition :3m Horizontal
Mode :Colocation_WIFI 5G+BLE_LF
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	66.230	28.07	40.00	-11.93	32.43	-4.36	QP
2	154.888	31.59	43.50	-11.91	34.49	-2.90	QP
3	359.994	31.72	46.00	-14.28	33.19	-1.47	QP
4	455.976	27.38	46.00	-18.62	25.86	1.52	QP
5	608.023	30.39	46.00	-15.61	25.80	4.59	QP
6	808.134	31.38	46.00	-14.62	23.52	7.86	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 :Colocation_WIFI 5G+BLE_LF
Test By :Ling Chen

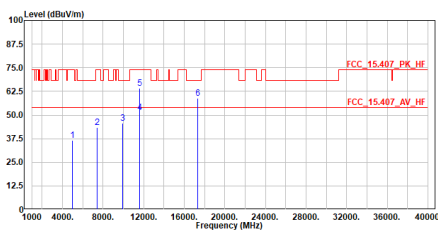


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	71.565	26.21	40.00	-13.79	31.35	-5.14	QP
2	180.981	24.80	43.50	-18.70	29.75	-4.95	QP
3	264.013	25.36	46.00	-20.64	29.36	-4.00	QP
4	400.000	30.96	46.00	-15.04	30.98	-0.02	QP
5	527.610	24.99	46.00	-21.01	22.23	2.76	QP
6	666.514	28.70	46.00	-17.30	23.10	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:

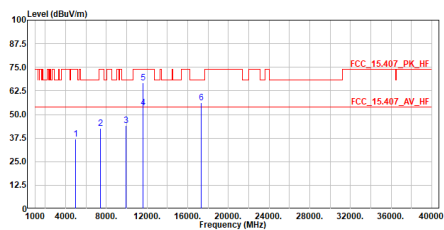
Site :HC-CB04
Condition :3m Horizontal
Mode :Colocation_WIFI 5G+BLE
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4960.150	36.52	74.00	-37.48	53.92	-17.40	Peak
2	7439.600	43.56	74.00	-30.44	56.00	-12.44	Peak
3	9919.900	45.49	68.20	-22.71	54.26	-8.77	Peak
4	11570.000	51.26	54.00	-2.74	57.30	-6.04	Average
5	11570.000	64.24	74.00	-9.76	70.28	-6.04	Peak
6	17355.000	58.85	68.20	-9.35	62.08	-3.23	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 :Colocation_WIFI 5G+BLE
Test By :Ling Chen



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	4960.150	36.99	74.00	-37.01	54.39	-17.40	Peak
2	7439.600	42.62	74.00	-31.38	55.06	-12.44	Peak
3	9919.900	44.27	68.20	-23.93	53.04	-8.77	Peak
4	11570.000	53.55	54.00	-0.45	59.59	-6.04	Average
5	11570.000	66.65	74.00	-7.35	72.69	-6.04	Peak
6	17355.000	56.19	68.20	-12.01	59.42	-3.23	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.