

Test Report No:
2480707R-RFUSV01S-B

TEST REPORT

FCC Rules&Regulations

Product Name	Withings BPM Pro 2
Brand Name	Withings
Model No.	WPM07
FCC ID	XNAWPM07
Applicant's Name / Address	Withings 2, rue Maurice Hartmann, 92130 Issy-les-Moulineaux, France
Manufacturer's Name / Address	GUANGDONG TRANSTEK MEDICAL ELETRONICS CO., LTD. Zone A, No.105, Dongli Road, Torch Development District, 528437 Zhongshan, Guangdong, China
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	Aug. 23, 2024
Date of Issue	Dec. 03, 2024
Report Version	V2.0

INDEX

	page
Competences and Guarantees.....	4
General Conditions	4
Revision History	5
Summary of Test Result.....	6
Comments and Remarks	6
1. General Information.....	7
1.1. EUT Description	7
1.2. EUT Information	7
1.3. Testing Applied Standards	8
1.4. Testing Location Information	8
1.5. Measurement Uncertainty	9
1.6. List of Test Equipment	10
2. Test Configuration of EUT	11
2.1. Test Condition.....	11
2.2. Test Frequency Mode	11
2.3. Duty Cycle	12
2.4. The Worst Case Measurement Configuration.....	13
2.5. Tested System Details.....	14
2.6. Configuration of Tested System	14
3. AC Power Line Conducted Emission	16
3.1. Test Setup	16
3.2. Test Limit	16
3.3. Test Procedure	16
3.4. Test Result of AC Power Line Conducted Emission	16
4. Occupied Bandwidth & DTS Bandwidth	17
4.1. Test Setup	17
4.2. Test Limit	17
4.3. Test Procedures	17
4.4. Test Result of Occupied Bandwidth & DTS Bandwidth	17
5. Maximum Conducted Output Power	18
5.1. Test Setup	18
5.2. Test Limit	18
5.3. Test Procedures	18
5.4. Test Result of Maximum Conducted Output Power	18
6. Maximum Power Spectral Density	19
6.1. Test Setup	19

6.2.	Test Limit	19
6.3.	Test Procedures	19
6.4.	Test Result of Maximum Power Spectral Density	19
7.	Antenna Port Conducted Emission	20
7.1.	Test Setup	20
7.2.	Test Limit	20
7.3.	Test Procedure	20
7.4.	Test Result of Antenna Port Conducted Emission	20
8.	Transmitter Radiated Spurious Emission	21
8.1.	Test Setup	21
8.2.	Test Limit	22
8.3.	Test Procedure	22
8.4.	Test Result of Transmitter Radiated Spurious Emission	22

Appendix A. Test Result of AC Power Line Conducted Emission

Appendix B. Test Result of Occupied Bandwidth & DTS Bandwidth

Appendix C. Test Result of Maximum Conducted Output Power

Appendix D. Test Result of Maximum Power Spectral Density

Appendix E. Test Result of Antenna Port Conducted Emission

Appendix F. Test Result of Transmitter Radiated Spurious Emission

Appendix G. Test Setup Photograph

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	Nov. 11, 2024
V2.0	Add MAC ID of EUT in section 1.1.	Dec. 03, 2024

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
MAC ID	Conducted sample: A4:7E:FA:32:30:7C Radiated sample: A4:7E:FA:32:30:42

Accessories Information				
No.	Equipment Name	Brand Name	Model No.	Description
1	USB-C to USB-A cable	Xieyu Electronic Technology (Zhongshan) Co., Ltd.	30100004457	Shielded, 0.8m

Antenna Information				
Ant.	Brand Name	Part No.	Type	Antenna Gain (dBi)
1	ethertronics	1001312	Ceramic Antenna	1.88

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. 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	Gary Liao	22.5 / 69	2024/09/12
RF Conducted Emission	HC-SR12	Clemens Fang	22.4 / 52.2	2024/09/18
Radiated Emission	HC-CB02	Scott Chang	22.4~24.5 / 52.2~61.1	2024/09/09~2024/09/20

1.5. Measurement Uncertainty

Uncertainties have been calculated according to the DEKRA internal document with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Test item	Uncertainty
AC Power Line Conducted Emission	± 2.34 dB
Occupied Bandwidth & DTS Bandwidth	± 282.55 Hz
Maximum Conducted Output Power	± 1.16 dB
Maximum Power Spectral Density	± 2.47 dB
Antenna Port Conducted Emission	± 2.47 dB
Transmitter Radiated Spurious Emission	± 3.52 dB below 1 GHz ± 3.56 dB above 1 GHz

1.6. List of Test Equipment

HC-SR02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Artificial Mains Network	R&S	ENV4200	848411/010	9kHz-30MHz, 4line/100A	2023/12/15	2024/12/14
EMI Test Receiver	R&S	ESR3	102608	9 kHz - 3.6 GHz	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	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531043	0.3-40 GHz	2023/10/25	2024/10/24
Pulse Power Sensor	Anritsu	MA2411B	1531044	0.3-40 GHz	2023/10/25	2024/10/24
Signal & Spectrum Analyzer	R&S	FSV40	101869	10Hz-40GHz	2024/06/20	2025/06/19

HC-CB02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal and Spectrum Analyzer	R&S	FSVA40	101435	10 Hz-40 GHz	2024/05/17	2025/05/16
Trilog Broadband Antenna	Schwarzbeck	VULB 9168	1272	30 MHz-2 GHz	2024/04/29	2025/04/28
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211211A18EN	1G-18GHz	2023/11/09	2024/11/08
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2024/02/02	2025/02/01
Pre-Amplifier	EMCI	EMC01820I	980365	30M-8 GHz,20 dB	2024/04/02	2025/04/01
Pre-Amplifier	EMEC	EM01G18GA	060741	1G-18 GHz,50 dB	2024/04/23	2025/04/22
Pre-Amplifier	DEKRA	AP-400C	201801231	18G-40 GHz,48 dB	2023/10/03	2024/10/02
EMI Test Receiver	R&S	ESR7	102260	10 Hz-7 GHz	2023/11/27	2024/11/26
Magnetic Loop Antenna	Teseq	HLA 6121	44287	0.01-30 MHz	2023/10/13	2024/10/12
Coaxial Cable	Huber+Suhner	SF104	HC-CB02	30 MHz-18 GHz, 13m	2024/08/13	2025/08/12
Coaxial Cable	Huber+Suhner ,Rosnol	SF102_UP0264	HC-CB02-1	18-40 GHz, 3 m	2024/08/13	2025/08/12
DEKRA Testing System	DEKRA	Version 2.0	HC-CB02	N/A	N/A	N/A
Radiated Software	Audix	e3 V9	HC-CB02_1	N/A	N/A	N/A

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

2. Test Configuration of EUT

2.1. Test Condition

EUT Operational Condition	
Testing Voltage	AC 120V/60Hz

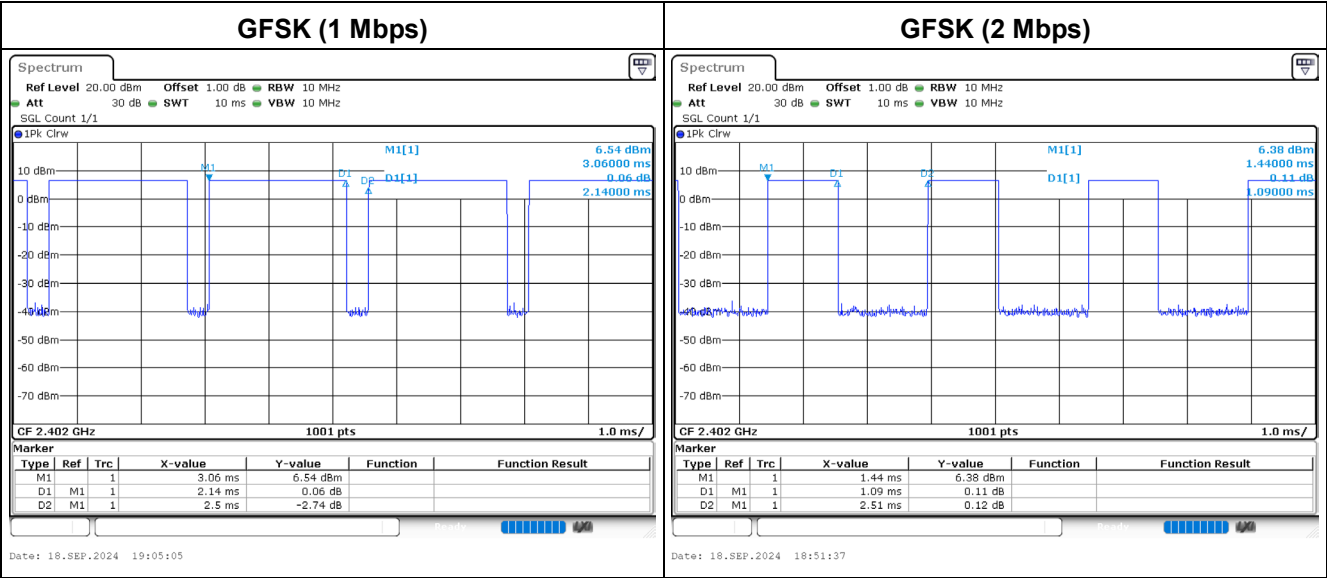
2.2. Test Frequency Mode

Test Software Version	TeraTerm Version4.75
-----------------------	----------------------

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)	2.140	2.500	85.60%	0.68	0.467
GFSK (2 Mbps)	1.090	2.510	43.43%	3.62	0.917



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	Adapter mode
2	Charging mode (from Notebook)

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	Adapter mode
2	Charging mode (from Notebook)
Operating Mode > 1GHz	Transmit

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

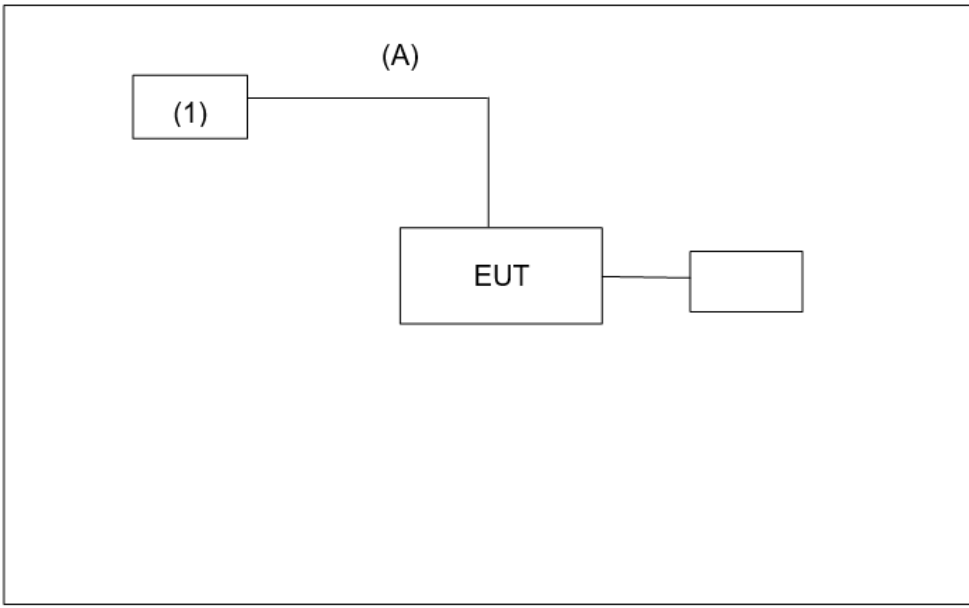
No.	Equipment	Brand Name	Model No.	Serial No.
1	Medical Adapter	Shenzhen Longxc Power Supply CO., LTD	LXCP12X-050100DG	N/A

Test Mode: Mode 2

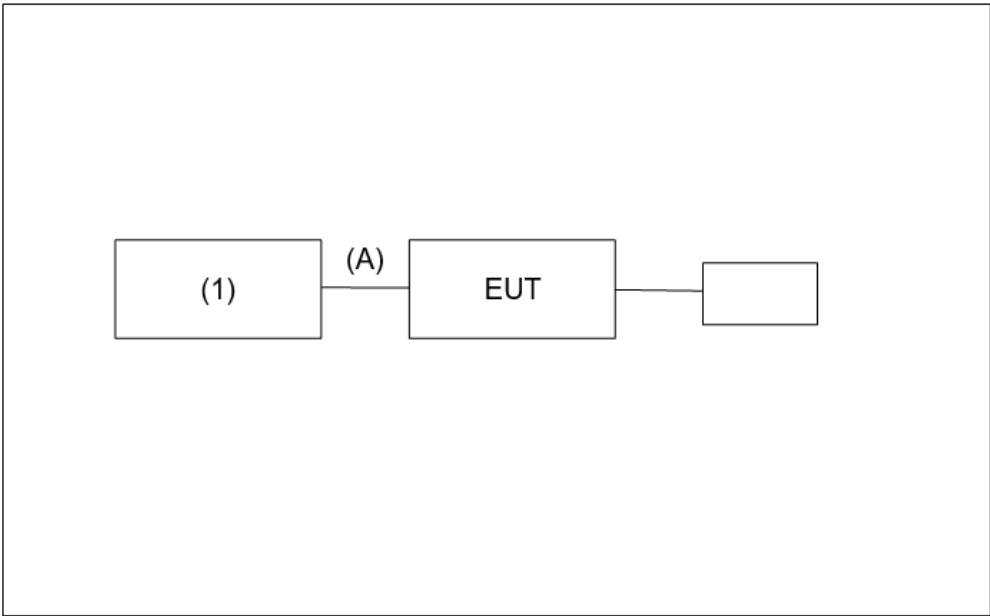
No.	Equipment	Brand Name	Model No.	Serial No.
1	Notebook	DELL	Latitude E6320	5482288508

2.6. Configuration of Tested System

Test Mode: Mode 1

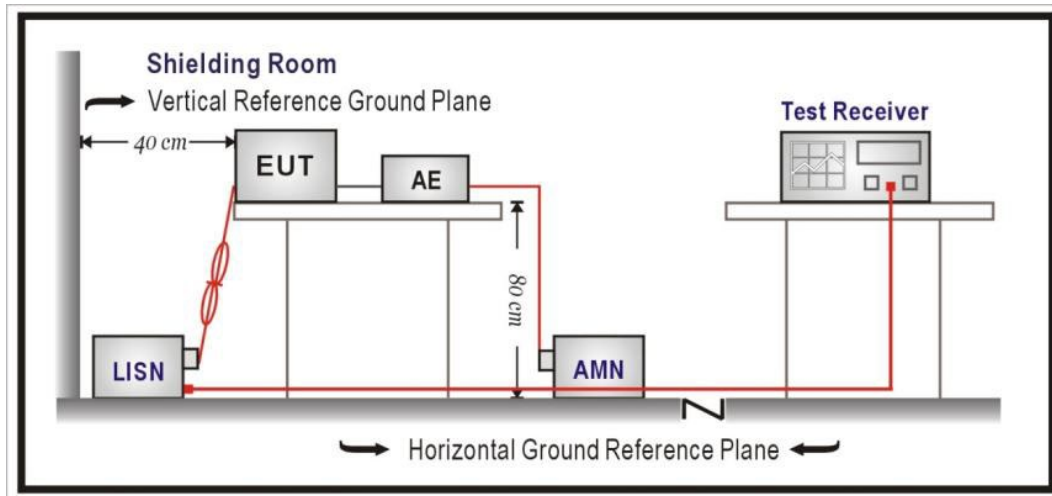
Connection Diagram		
		
Signal Cable Type		Signal cable Description
A	USB-C to USB-A cable	Non-Shielded, 0.8m

Test Mode: Mode 2

Connection Diagram		
		
Signal Cable Type		Signal cable Description
A	USB-C to USB-A cable	Non-Shielded, 0.8m

3. AC Power Line Conducted Emission

3.1. Test Setup



3.2. Test Limit

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

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

3.3. Test Procedure

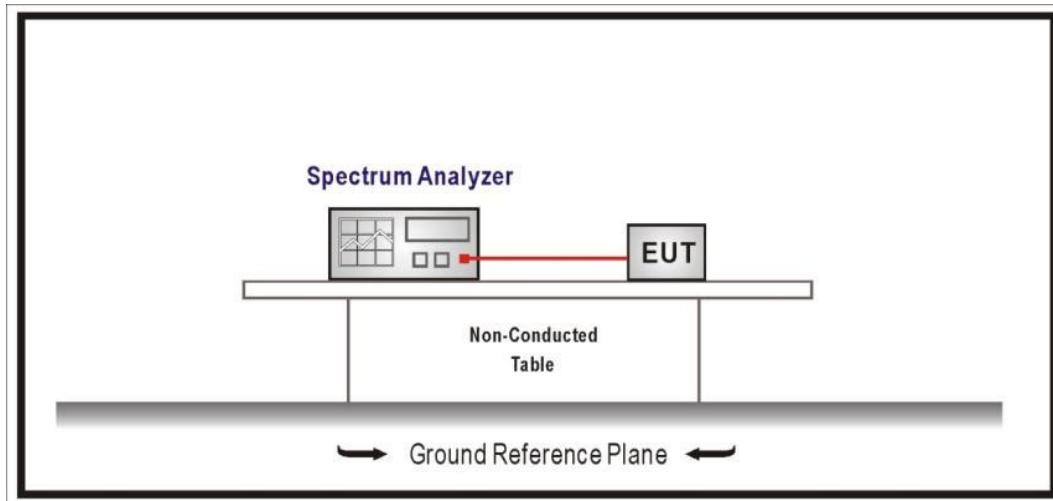
The EUT was setup according to ANSI C63.10: 2013 for AC Power Line Conducted Emissions.

3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A

4. Occupied Bandwidth & DTS Bandwidth

4.1. Test Setup



4.2. Test Limit

The 6 dB bandwidth: ≥ 500 kHz.

Occupied Bandwidth: N/A

4.3. Test Procedures

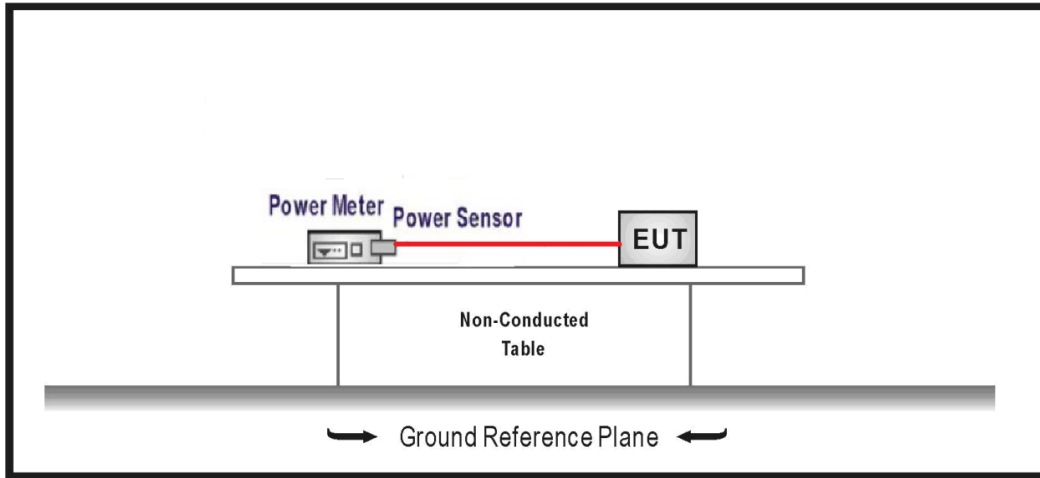
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

4.4. Test Result of Occupied Bandwidth & DTS Bandwidth

Refer as Appendix B

5. Maximum Conducted Output Power

5.1. Test Setup



5.2. Test Limit

The Maximum Conducted Output Power shall be less 1 Watt.

5.3. Test Procedures

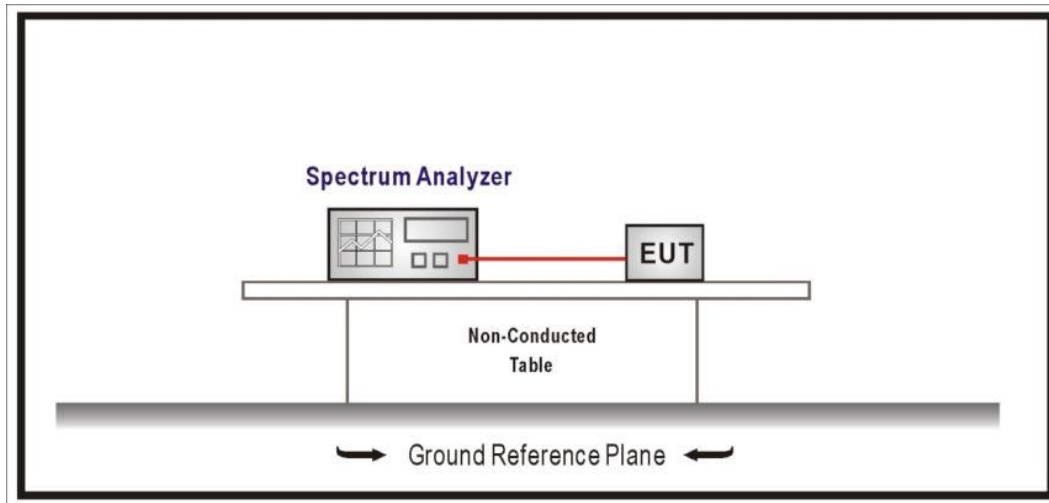
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

5.4. Test Result of Maximum Conducted Output Power

Refer as Appendix C

6. Maximum Power Spectral Density

6.1. Test Setup



6.2. Test Limit

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

6.3. Test Procedures

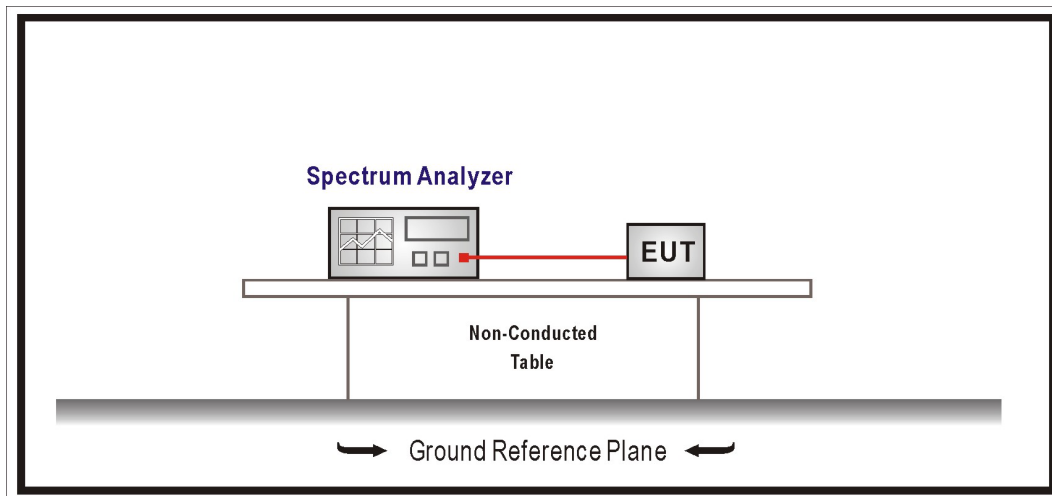
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

6.4. Test Result of Maximum Power Spectral Density

Refer as Appendix D

7. Antenna Port Conducted Emission

7.1. Test Setup



7.2. Test Limit

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

Remarks:

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

7.3. Test Procedure

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

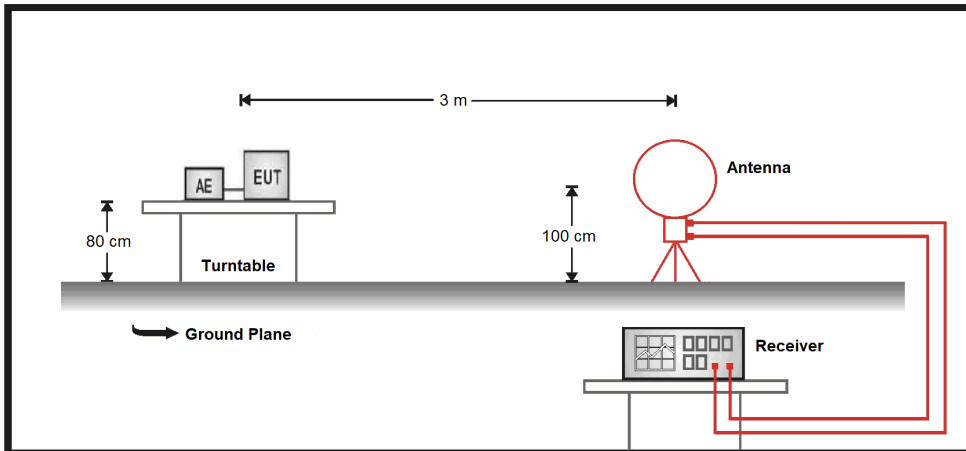
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

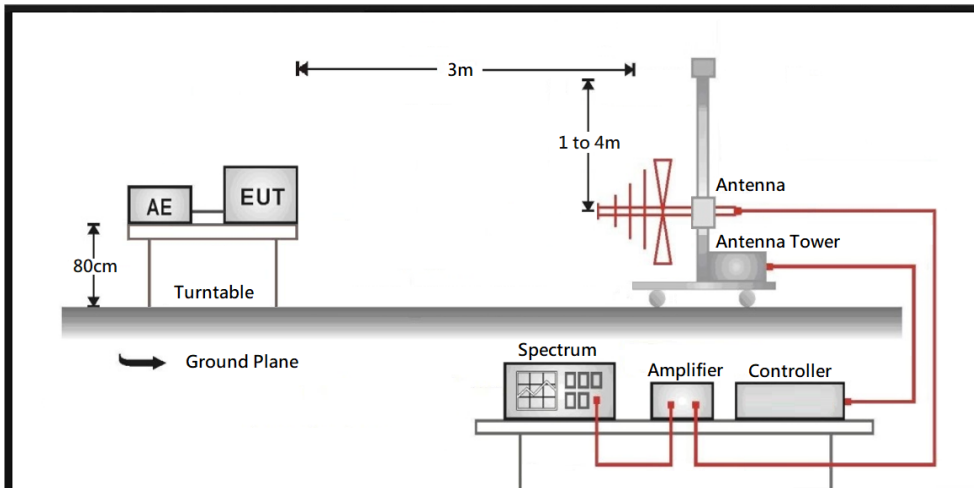
8. Transmitter Radiated Spurious Emission

8.1. Test Setup

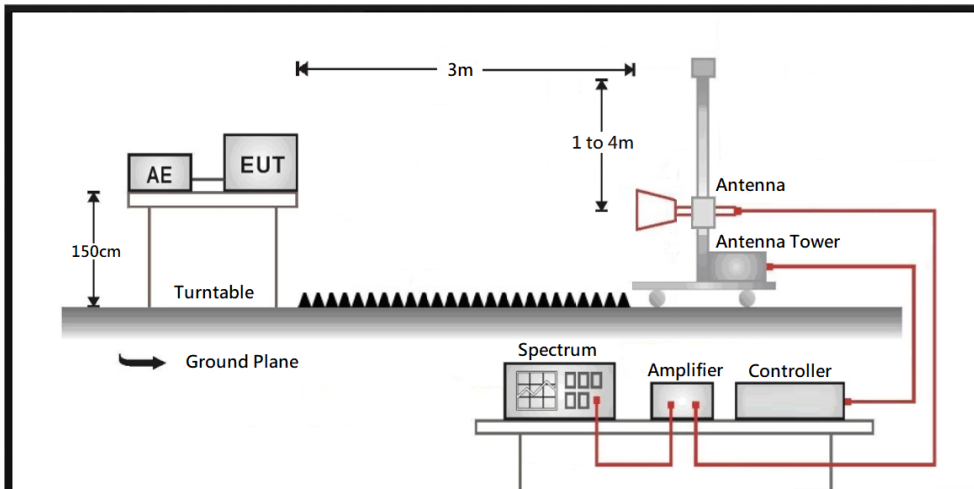
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



8.2. Test Limit

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

Remarks:

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

8.3. Test Procedure

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

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

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

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

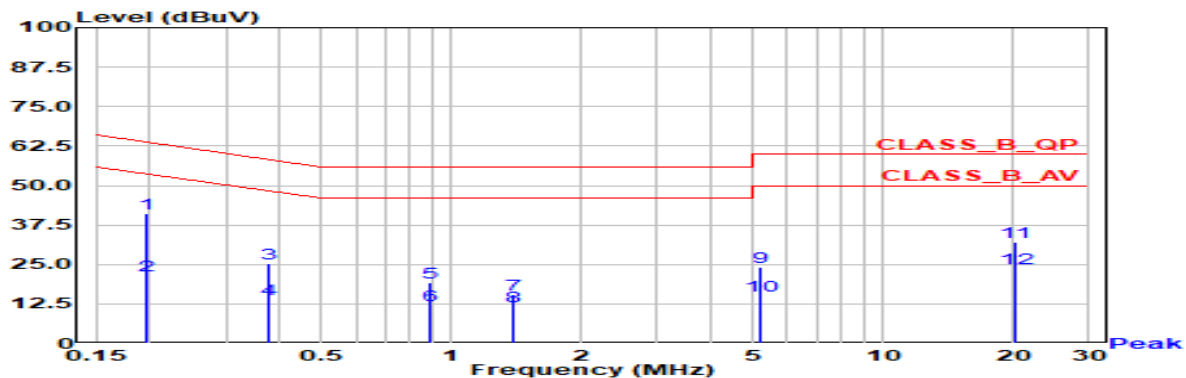
The bandwidth below 1 GHz setting on the field strength meter is 120 kHz and above 1 GHz is 1 MHz.

8.4. Test Result of Transmitter Radiated Spurious Emission

Refer as Appendix F

Appendix A. Test Result of AC Power Line Conducted Emission

Test Mode	Mode 1	Phase	Line
Test Condition	GFSK (2 Mbps) / 2440 MHz		

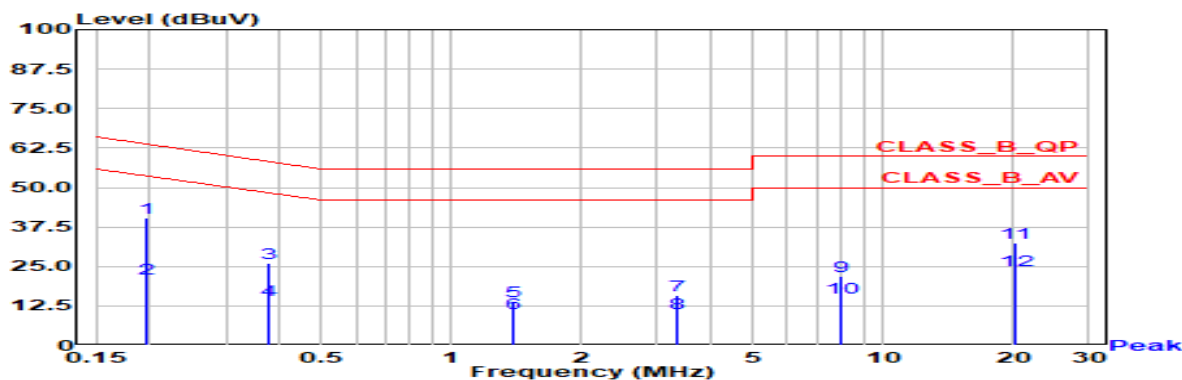


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.198	41.04	63.71	-22.67	31.37	9.67	QP
2	0.198	21.41	53.71	-32.31	11.74	9.67	AV
3	0.379	25.39	58.30	-32.91	15.72	9.67	QP
4	0.379	13.95	48.30	-34.35	4.28	9.67	AV
5	0.894	19.07	56.00	-36.93	9.37	9.69	QP
6	0.894	12.14	46.00	-33.86	2.44	9.69	AV
7	1.388	15.31	56.00	-40.69	5.54	9.77	QP
8	1.388	11.76	46.00	-34.24	1.99	9.77	AV
9	5.193	23.97	60.00	-36.03	14.01	9.96	QP
10	5.193	14.97	50.00	-35.03	5.00	9.96	AV
11	20.268	32.19	60.00	-27.81	21.93	10.25	QP
12	20.268	23.95	50.00	-26.05	13.70	10.25	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	GFSK (2 Mbps) / 2440 MHz		

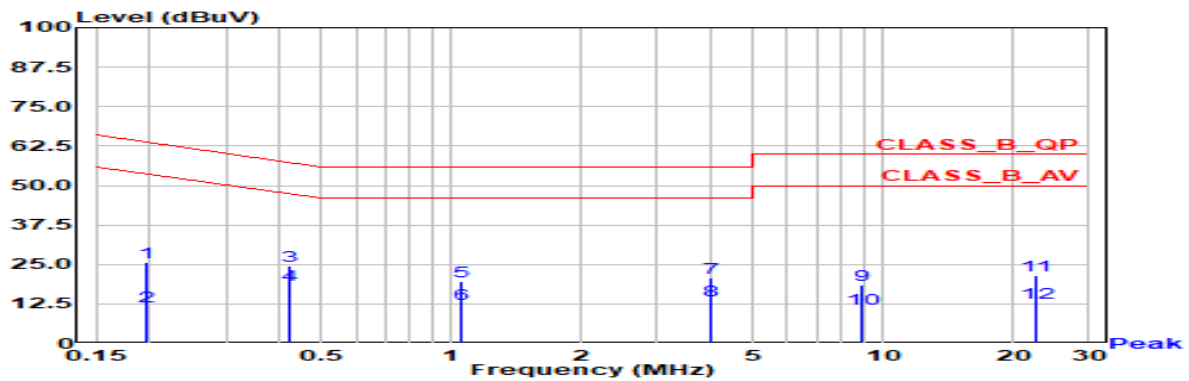


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.198	40.50	63.71	-23.21	30.83	9.67	QP
2	0.198	21.03	53.71	-32.68	11.36	9.67	AV
3	0.379	26.14	58.30	-32.16	16.47	9.67	QP
4	0.379	14.26	48.30	-34.04	4.59	9.67	AV
5	1.389	14.13	56.00	-41.87	4.36	9.77	QP
6	1.389	10.26	46.00	-35.74	0.49	9.77	AV
7	3.311	16.00	56.00	-40.00	6.09	9.91	QP
8	3.311	10.25	46.00	-35.75	0.34	9.91	AV
9	7.978	21.76	60.00	-38.24	11.72	10.04	QP
10	7.978	15.08	50.00	-34.92	5.05	10.04	AV
11	20.270	32.34	60.00	-27.66	22.08	10.25	QP
12	20.270	23.93	50.00	-26.07	13.68	10.25	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	GFSK (2 Mbps) / 2440 MHz		

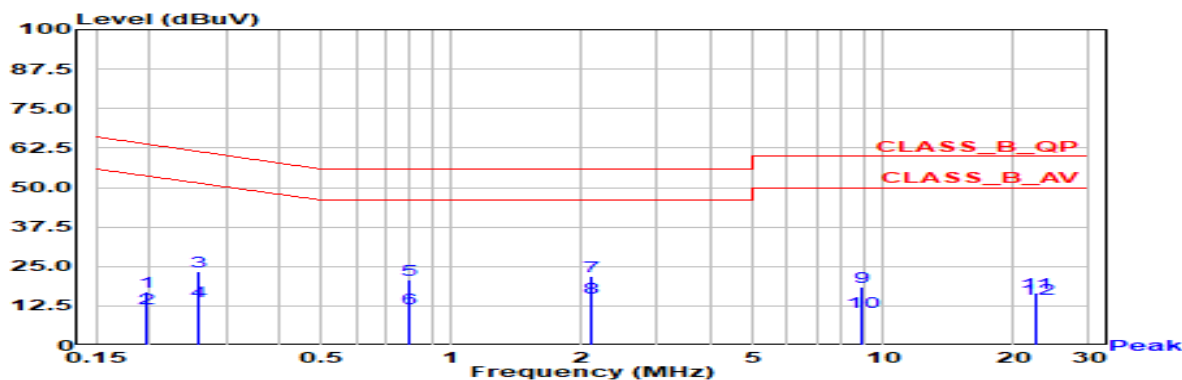


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.197	25.57	63.76	-38.19	15.90	9.67	QP
2	0.197	11.57	53.76	-42.18	1.90	9.67	AV
3	0.419	24.64	57.46	-32.82	14.97	9.67	QP
*4	0.419	18.62	47.46	-28.84	8.95	9.67	AV
5	1.054	19.50	56.00	-36.50	9.78	9.72	QP
6	1.054	12.55	46.00	-33.45	2.83	9.72	AV
7	3.985	20.62	56.00	-35.38	10.68	9.94	QP
8	3.985	13.66	46.00	-32.34	3.72	9.94	AV
9	8.964	18.58	60.00	-41.42	8.47	10.11	QP
10	8.964	10.79	50.00	-39.21	0.68	10.11	AV
11	22.656	21.38	60.00	-38.62	10.86	10.52	QP
12	22.656	12.70	50.00	-37.30	2.19	10.52	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	GFSK (2 Mbps) / 2440 MHz		



No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.197	17.11	63.76	-46.64	7.44	9.67	QP
2	0.197	11.57	53.76	-42.19	1.90	9.67	AV
3	0.260	23.21	61.42	-38.21	13.54	9.67	QP
4	0.260	14.00	51.42	-37.42	4.33	9.67	AV
5	0.800	20.83	56.00	-35.17	11.14	9.70	QP
6	0.800	11.85	46.00	-34.15	2.15	9.70	AV
7	2.110	21.97	56.00	-34.03	12.08	9.88	QP
*8	2.110	15.03	46.00	-30.97	5.15	9.88	AV
9	8.916	18.55	60.00	-41.45	8.45	10.10	QP
10	8.916	10.72	50.00	-39.28	0.62	10.10	AV
11	22.535	16.54	60.00	-43.46	6.03	10.51	QP
12	22.535	14.79	50.00	-35.21	4.28	10.51	AV

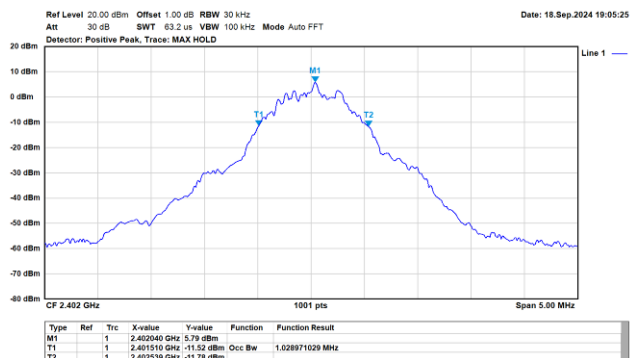
Note:

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.

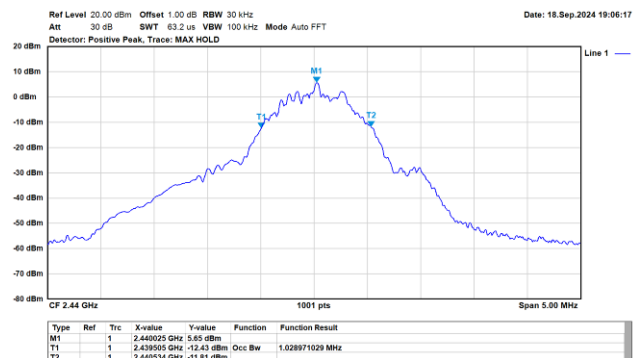
Appendix B.1 Test Result of Occupied Bandwidth

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)
GFSK (1 Mbps)	2402	1.03	-
	2440	1.03	-
	2480	1.04	-
GFSK (2 Mbps)	2402	2.04	-
	2440	2.03	-
	2480	2.04	-

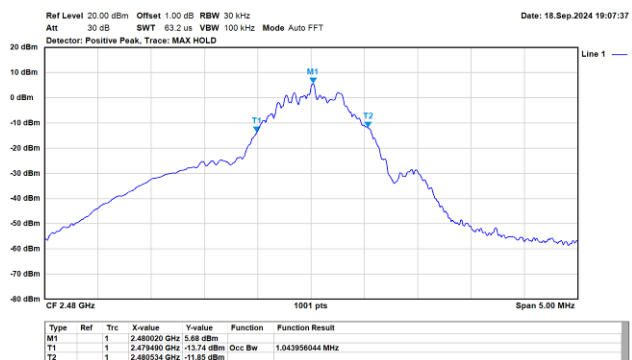
GFSK/1MHz/1M/2402MHz/Ch0



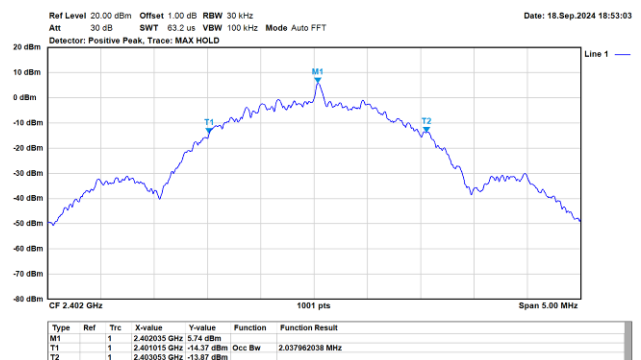
GFSK/1MHz/1M/2440MHz/Ch19



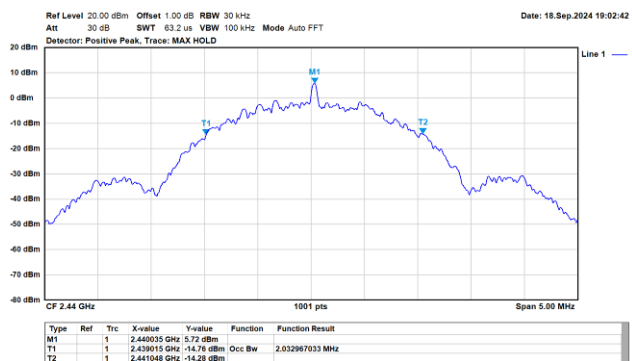
GFSK/1MHz/1M/2480MHz/Ch39



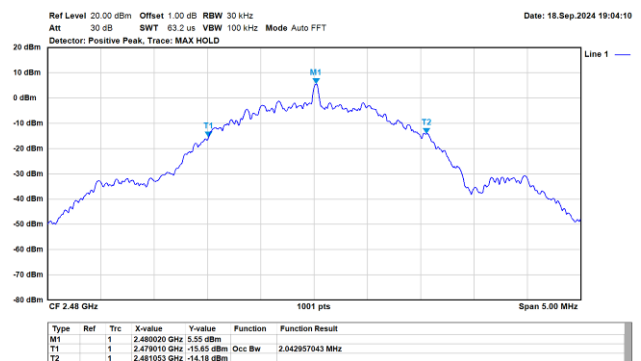
GFSK/2MHz/2M/2402MHz/Ch0



GFSK/2MHz/2M/2440MHz/Ch19



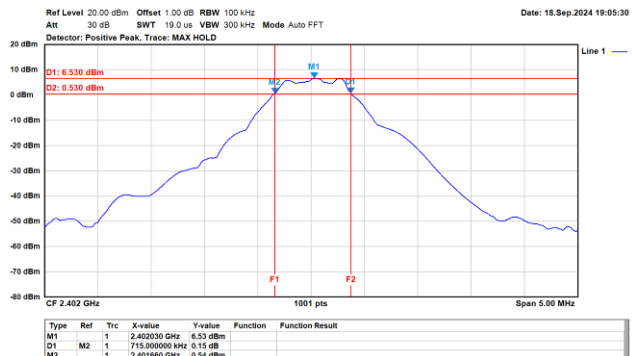
GFSK/2MHz/2M/2480MHz/Ch39



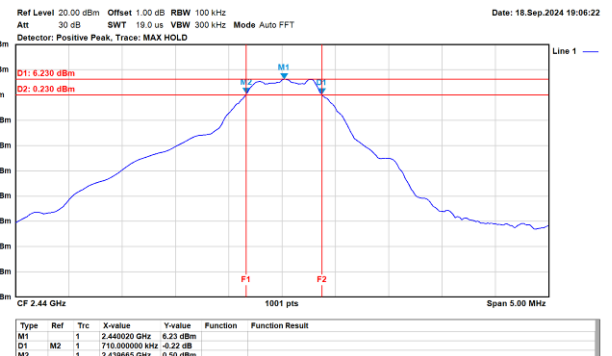
Appendix B.2 Test Result of DTS Bandwidth

Modulation	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
GFSK (1 Mbps)	2402	0.72	0.50	Pass
	2440	0.71	0.50	Pass
	2480	0.71	0.50	Pass
GFSK (2 Mbps)	2402	1.24	0.50	Pass
	2440	1.16	0.50	Pass
	2480	1.14	0.50	Pass

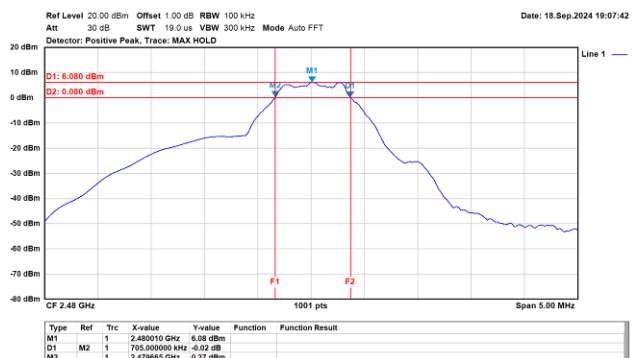
GFSK/1MHz/1M/2402MHz/Ch0



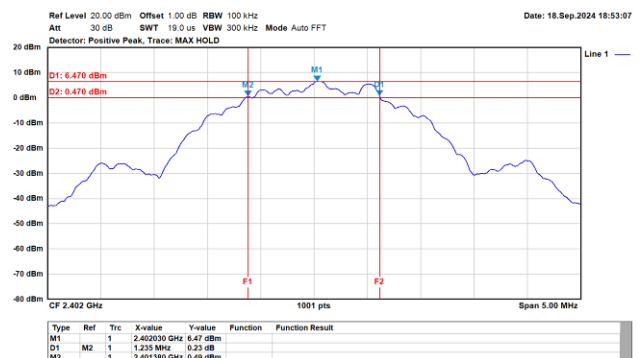
GFSK/1MHz/1M/2440MHz/Ch19



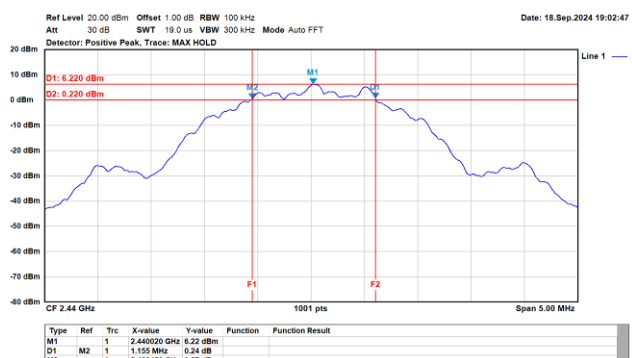
GFSK/1MHz/1M/2480MHz/Ch39



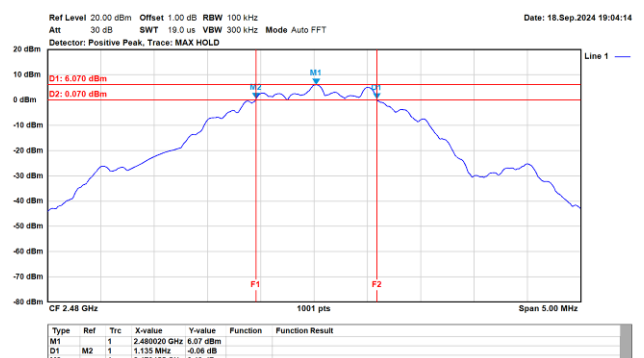
GFSK/2MHz/2M/2402MHz/Ch0



GFSK/2MHz/2M/2440MHz/Ch19



GFSK/2MHz/2M/2480MHz/Ch39



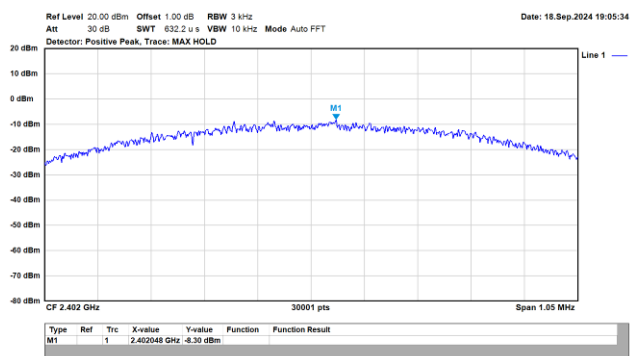
Appendix C. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK (1 Mbps)	2402	5.78	30.00	Pass
	2440	5.53	30.00	Pass
	2480	5.29	30.00	Pass
GFSK (2 Mbps)	2402	5.79	30.00	Pass
	2440	5.54	30.00	Pass
	2480	5.30	30.00	Pass

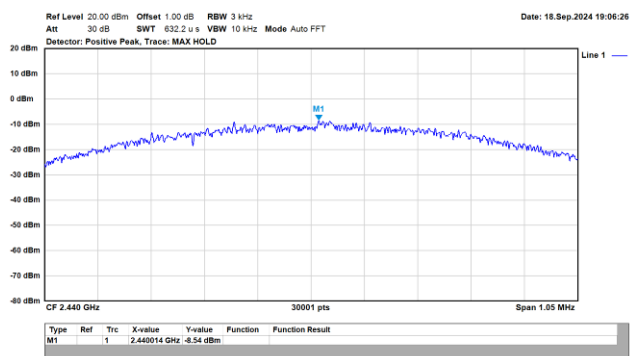
Appendix D. Test Result of Maximum Power Spectral Density

Modulation	Frequency (MHz)	Measure Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK (1 Mbps)	2402	-8.30	8.00	Pass
	2440	-8.54	8.00	Pass
	2480	-8.04	8.00	Pass
GFSK (2 Mbps)	2402	-8.27	8.00	Pass
	2440	-8.49	8.00	Pass
	2480	-8.52	8.00	Pass

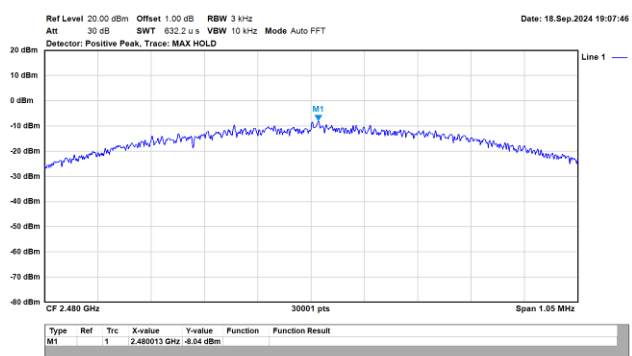
GFSK/1MHz/1M/2402MHz/Ch0



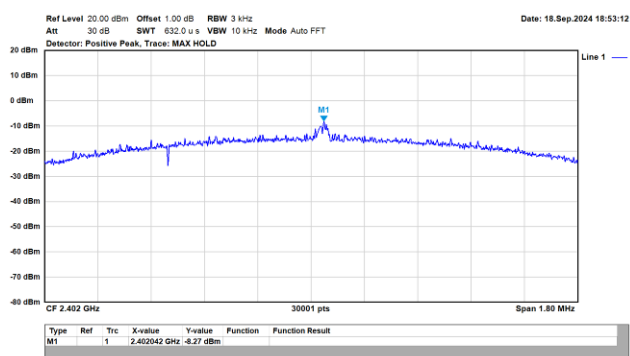
GFSK/1MHz/1M/2440MHz/Ch19



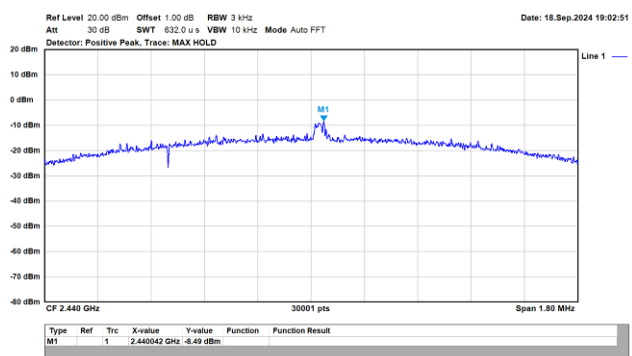
GFSK/1MHz/1M/2480MHz/Ch39



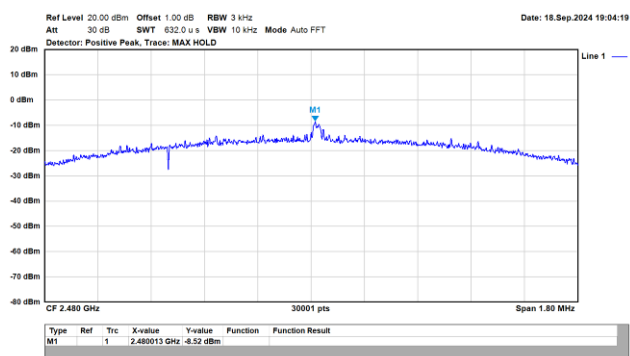
GFSK/2MHz/2M/2402MHz/Ch0



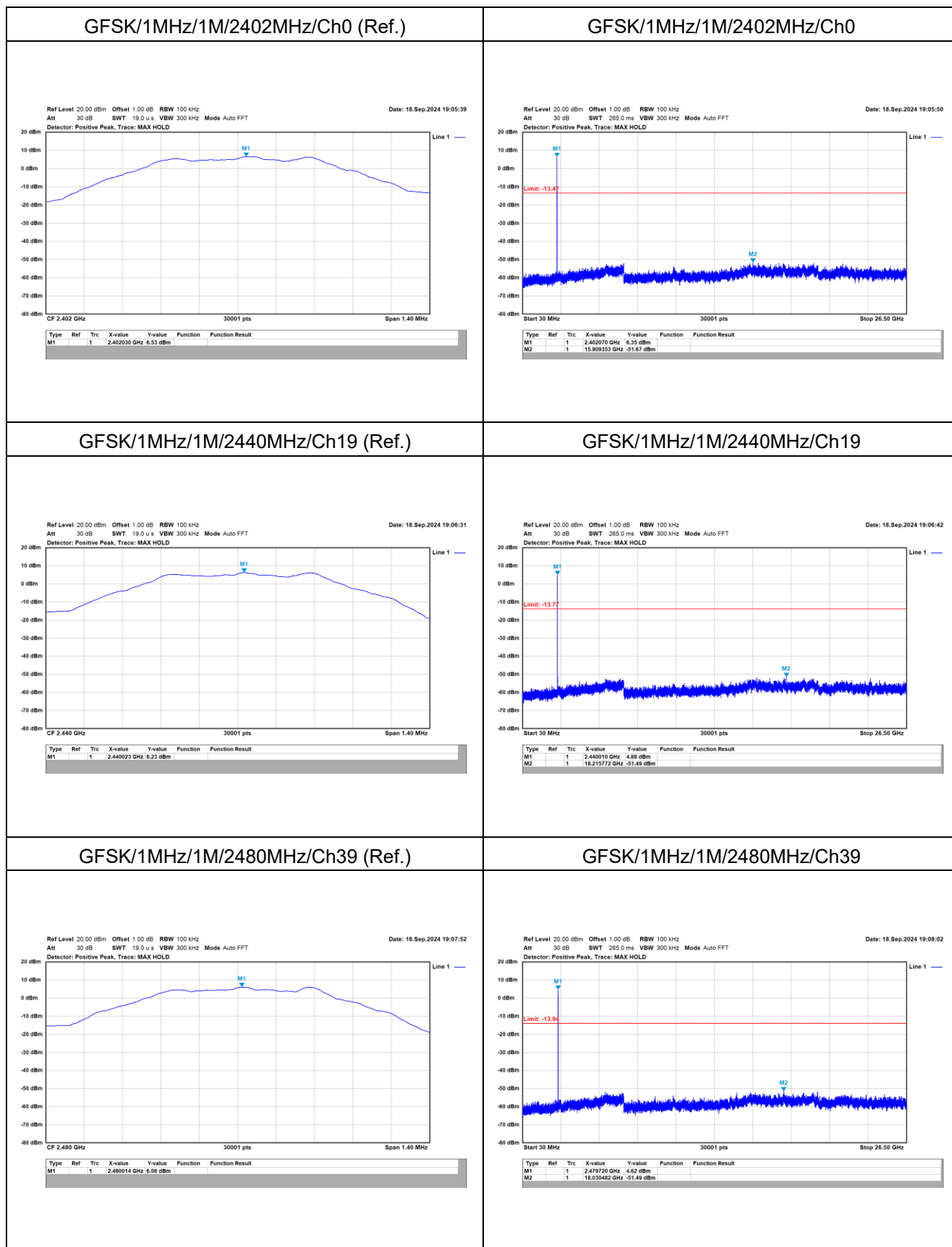
GFSK/2MHz/2M/2440MHz/Ch19



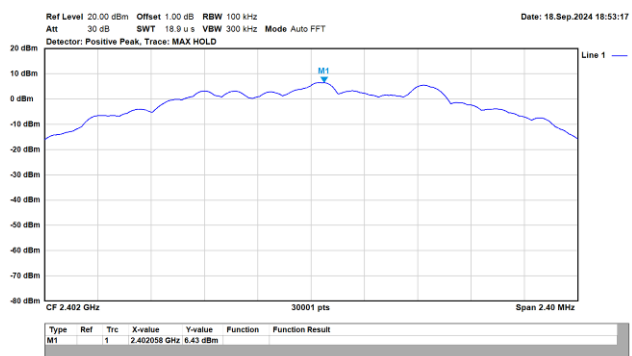
GFSK/2MHz/2M/2480MHz/Ch39



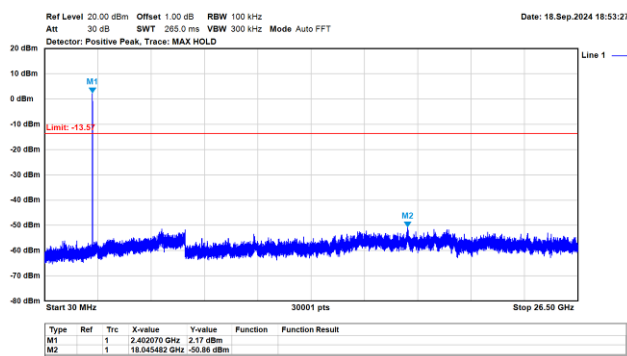
Appendix E. Test Result of Antenna Port Conducted Emission



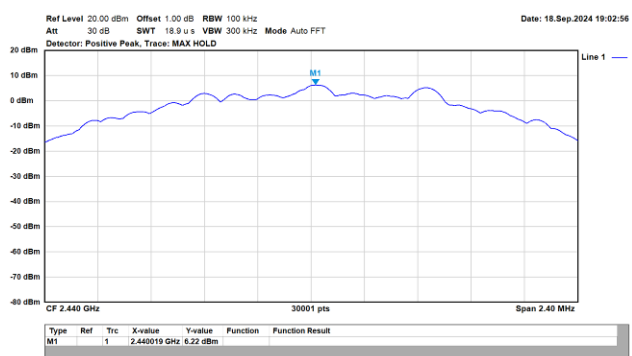
GFSK/2MHz/2M/2402MHz/Ch0 (Ref.)



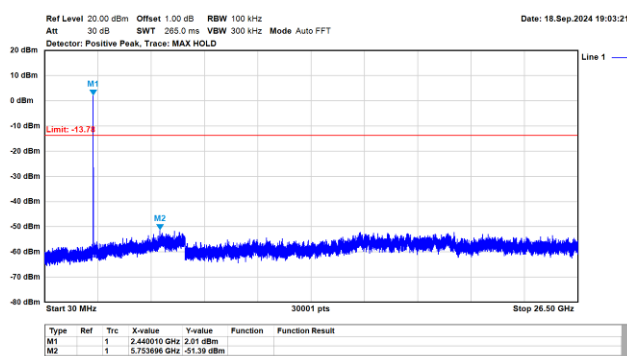
GFSK/2MHz/2M/2402MHz/Ch0



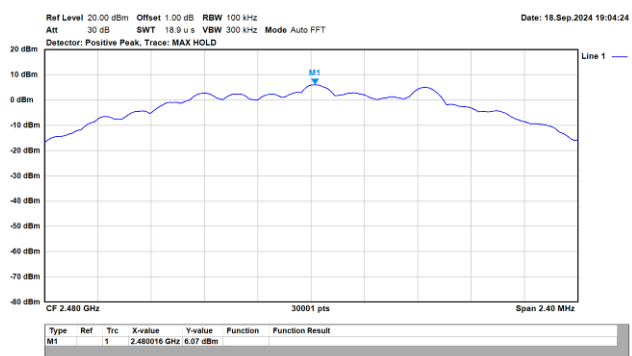
GFSK/2MHz/2M/2440MHz/Ch19 (Ref.)



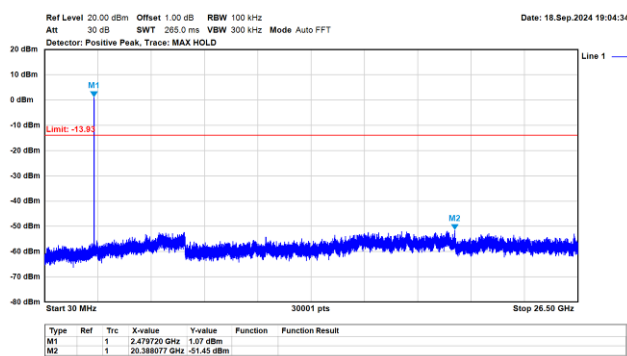
GFSK/2MHz/2M/2440MHz/Ch19



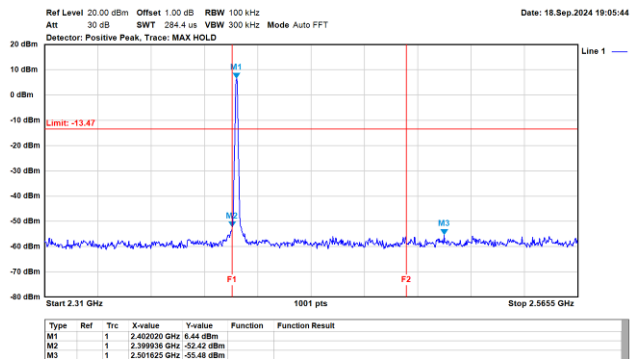
GFSK/2MHz/2M/2480MHz/Ch39 (Ref.)



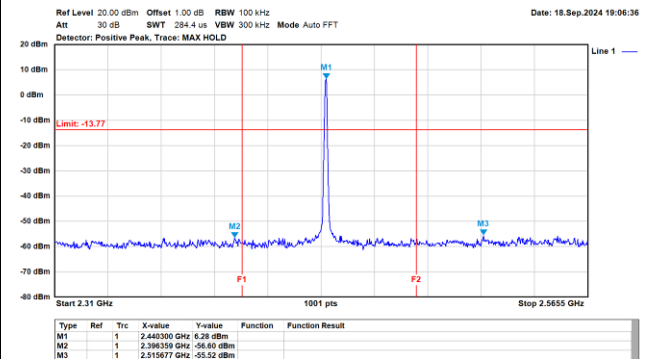
GFSK/2MHz/2M/2480MHz/Ch39



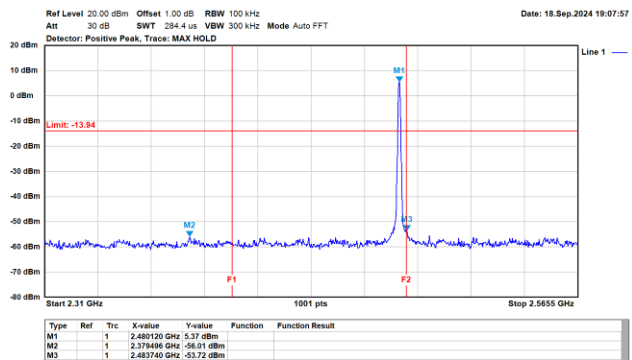
GFSK/1MHz/1M/2402MHz/Ch0 (Band Edge)



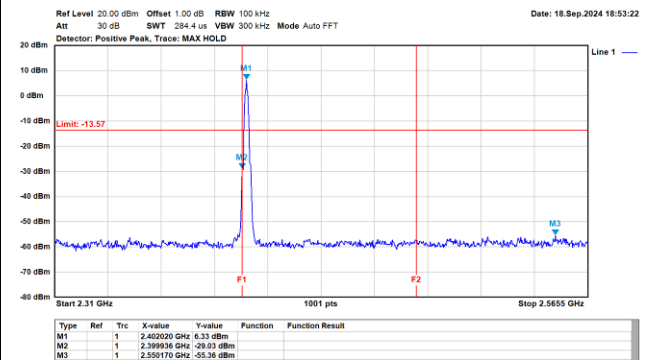
GFSK/1MHz/1M/2440MHz/Ch19 (Band Edge)



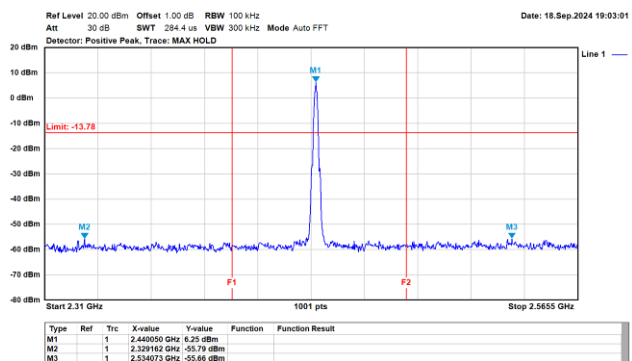
GFSK/1MHz/1M/2480MHz/Ch39 (Band Edge)



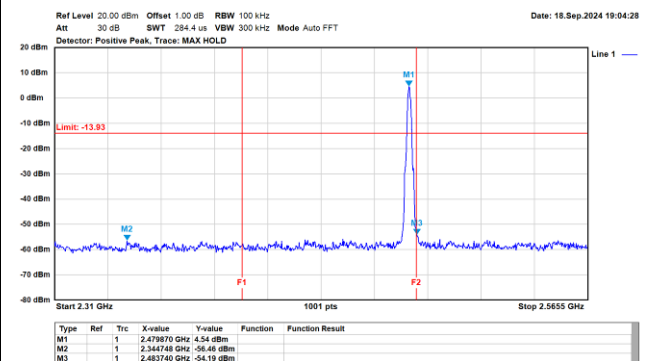
GFSK/2MHz/2M/2402MHz/Ch0 (Band Edge)



GFSK/2MHz/2M/2440MHz/Ch19 (Band Edge)



GFSK/2MHz/2M/2480MHz/Ch39 (Band Edge)

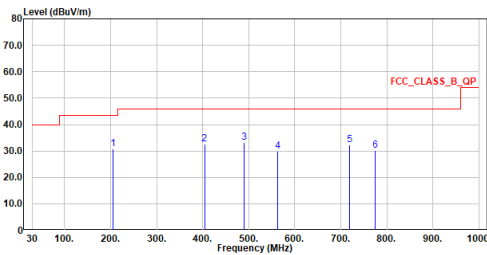


Appendix F. Test Result of Transmitter Radiated Spurious Emission

30 MHz ~ 1 GHz

Test Mode: Mode 1

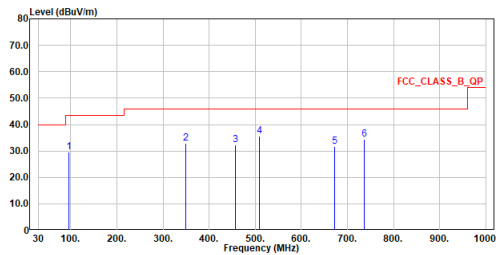
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_BLE_2M_TX_2440MHz
Test by :Scott Chang



Note:

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

Site :HC-CB02
Condition :3m Vertical
Mode :LF_BLE_2M_TX_2440MHz
Test by :Scott Chang

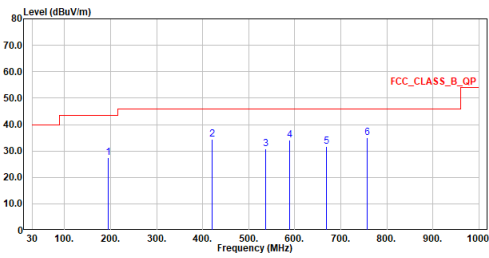


Note:

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-CB02
 Condition :3m Horizontal
 Mode :LF_BLE_2M_TX_2440MHz
 Test by :Scott Chang

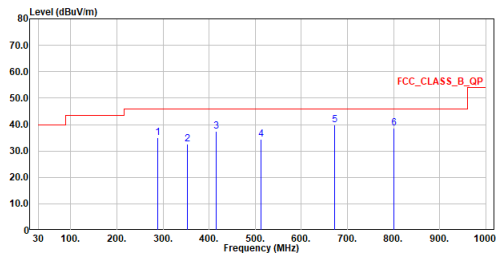


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	194.318	27.51	43.50	-15.99	33.23	-5.72	QP
2	420.037	34.35	46.00	-11.65	33.17	1.18	QP
3	536.243	30.70	46.00	-15.30	27.12	3.58	QP
4	589.302	34.26	46.00	-11.74	29.27	4.99	QP
5	668.842	31.77	46.00	-14.23	25.30	6.47	QP
6	757.791	34.89	46.00	-11.11	26.76	8.13	QP

Note:

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

Site :HC-CB02
 Condition :3m Vertical
 Mode :LF_BLE_2M_TX_2440MHz
 Test by :Scott Chang



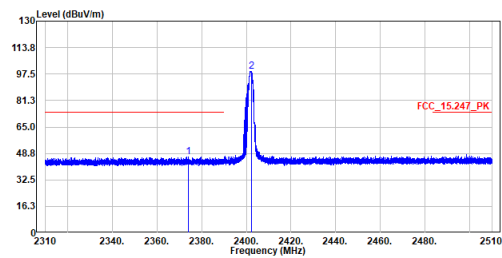
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	288.020	34.93	46.00	-11.07	37.17	-2.24	QP
2	352.040	32.67	46.00	-13.33	33.54	-0.87	QP
3	415.963	37.37	46.00	-8.63	36.36	1.01	QP
4	511.993	34.40	46.00	-11.60	31.17	3.23	QP
5	672.043	39.84	46.00	-6.16	33.40	6.44	QP
6	800.083	38.50	46.00	-7.50	29.98	8.52	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-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2402MHz
Test by :Scott Chang

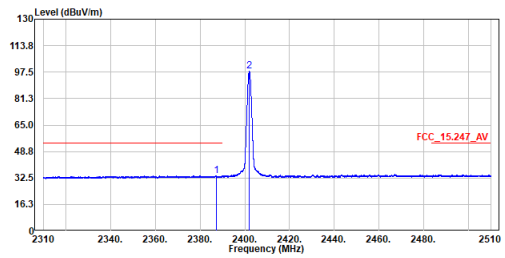


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	2374.150	46.69	74.00	-27.31	34.84	11.85	Peak
2	2402.260	99.04	-----	-----	87.05	11.99	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2402MHz
Test by :Scott Chang

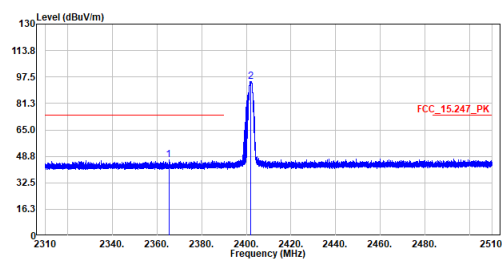


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	2387.170	34.00	54.00	-20.00	22.09	11.91	Average
2	2402.010	98.19	-----	-----	86.20	11.99	Average

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2402MHz
Test by :Scott Chang

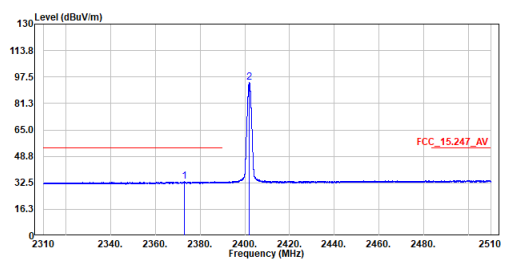


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	2365.260	46.37	74.00	-27.63	34.56	11.81	Peak
2	2402.000	94.86	-----	-----	82.87	11.99	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2402MHz
Test by :Scott Chang

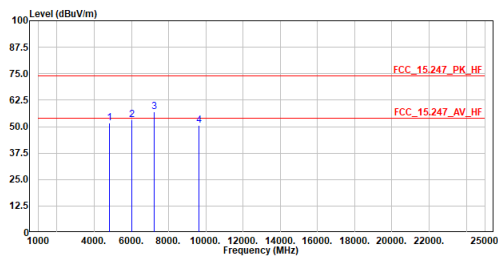


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level	dB	
1	2373.080	33.32	54.00	-20.68	21.47	11.85	Average
2	2402.000	94.01	-----	-----	82.02	11.99	Average

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
Mode :BLE_1M_TX_2402MHz
Test by :Scott Chang

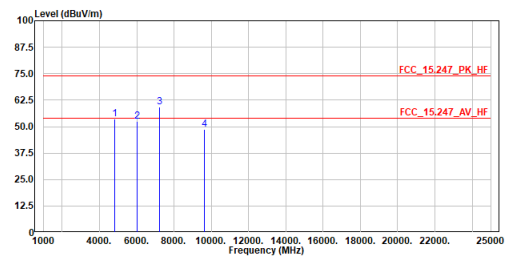


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	51.59	74.00	-22.41	66.34	-14.75	Peak
2	5999.700	53.07	74.00	-20.93	65.37	-12.30	Peak
3	7206.000	56.92	74.00	-17.08	64.91	-7.99	Peak
4	9608.000	50.44	74.00	-23.56	55.00	-4.56	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
Mode :BLE_1M_TX_2402MHz
Test by :Scott Chang

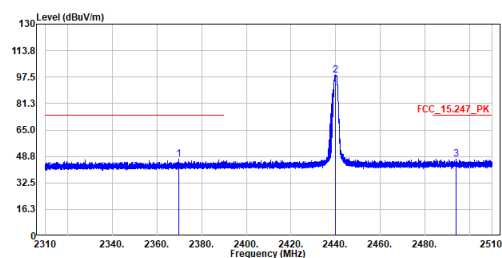


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	53.52	74.00	-20.48	68.27	-14.75	Peak
2	5999.700	52.57	74.00	-21.43	64.87	-12.30	Peak
3	7206.000	59.26	74.00	-14.74	67.25	-7.99	Peak
4	9608.000	48.84	74.00	-25.16	53.40	-4.56	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2440MHz
Test by :Scott Chang

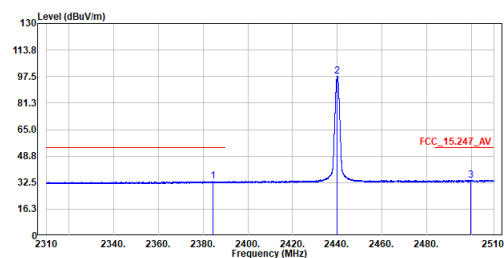


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2369.600	47.29	74.00	-26.71	35.47	11.82	Peak
2	2439.770	98.60	-----	-----	86.42	12.18	Peak
3	2493.830	47.15	74.00	-26.85	34.70	12.45	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2440MHz
Test by :Scott Chang

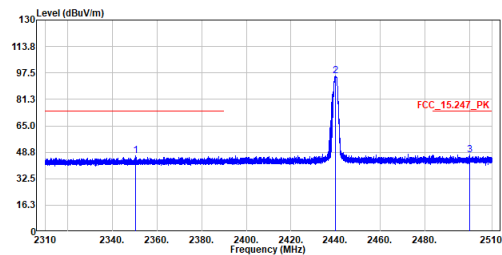


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2384.280	33.20	54.00	-20.80	21.30	11.90	Average
2	2440.020	97.74	-----	-----	85.56	12.18	Average
3	2499.840	33.89	54.00	-20.11	21.41	12.48	Average

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2440MHz
Test by :Scott Chang

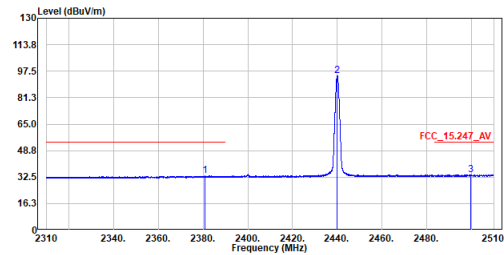


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2350.470	46.64	74.00	-27.36	34.91	11.73	Peak
2	2439.980	95.42	-----	83.24	12.18		Peak
3	2499.950	47.18	74.00	-26.82	34.70	12.48	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2440MHz
Test by :Scott Chang

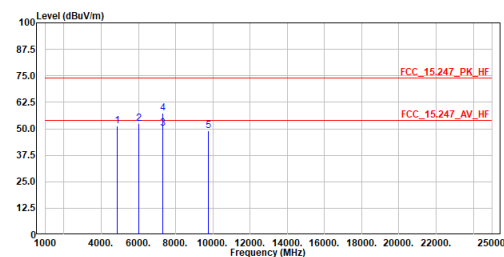


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2380.690	33.18	54.00	-20.82	21.29	11.89	Average
2	2440.020	94.54	-----	82.36	12.18		Average
3	2499.830	34.04	54.00	-19.96	21.56	12.48	Average

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
Mode :BLE_1M_TX_2440MHz
Test by :Scott Chang

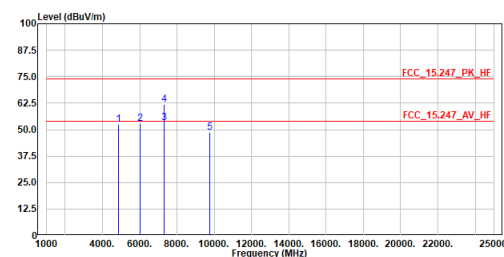


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	51.40	74.00	-22.60	65.86	-14.46	Peak
2	5999.700	52.29	74.00	-21.71	64.59	-12.30	Peak
3	7320.000	50.35	54.00	-3.65	58.21	-7.86	Average
4	7320.000	57.42	74.00	-16.58	65.28	-7.86	Peak
5	9760.000	49.08	74.00	-24.92	53.33	-4.25	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
Mode :BLE_1M_TX_2440MHz
Test by :Scott Chang

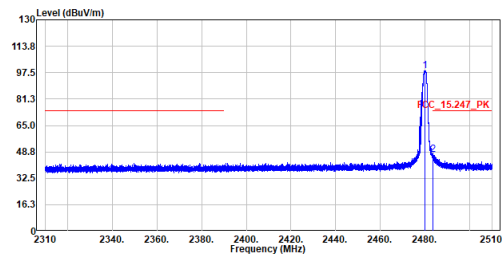


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	52.38	74.00	-21.62	66.84	-14.46	Peak
2	5999.700	52.91	74.00	-21.09	65.21	-12.30	Peak
3	7320.000	53.11	54.00	-0.89	60.97	-7.86	Average
4	7320.000	61.78	74.00	-12.22	69.64	-7.86	Peak
5	9760.000	48.64	74.00	-25.36	52.89	-4.25	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2480MHz
Test by :Scott Chang

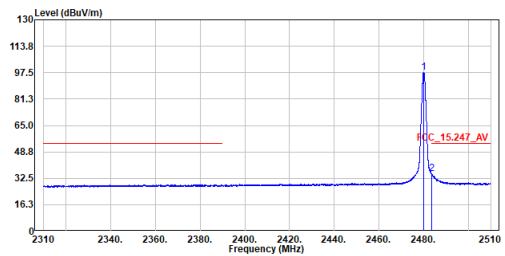


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.010	98.74	-----	-----	86.36	12.38	Peak
2	2483.600	46.90	74.00	-27.10	34.50	12.40	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2480MHz
Test by :Scott Chang

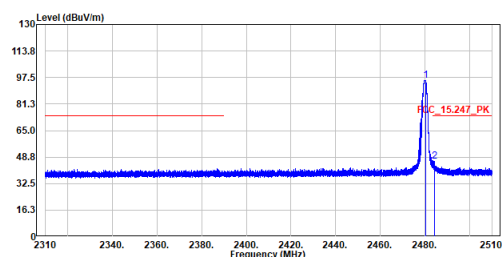


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.040	97.83	-----	-----	85.45	12.38	Average
2	2483.700	35.31	54.00	-18.69	22.91	12.40	Average

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 3000
Mode :BLE_1M_TX_2480MHz
Test by :Scott Chang

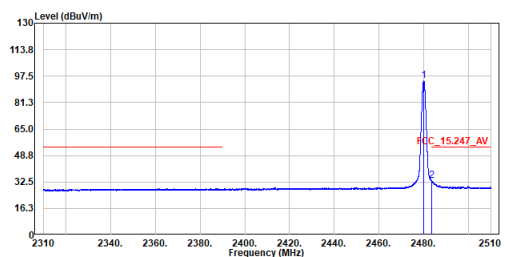


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.270	95.71	-----	-----	83.33	12.38	Peak
2	2484.160	46.17	74.00	-27.83	33.77	12.40	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 1
Mode :BLE_1M_TX_2480MHz
Test by :Scott Chang

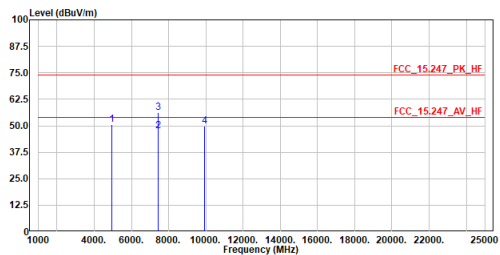


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.010	94.82	-----	-----	82.44	12.38	Average
2	2483.500	33.37	54.00	-20.63	20.97	12.40	Average

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
Mode :BLE_1M_TX_2480MHz
Test by :Scott Chang

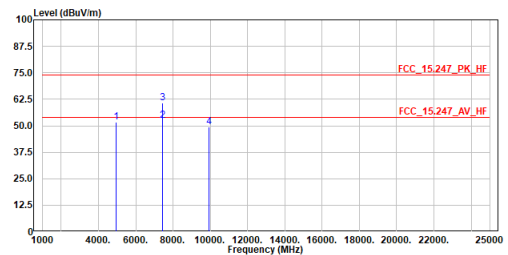


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	50.55	74.00	-23.45	64.69	-14.14	Peak
2	7440.000	47.38	54.00	-6.62	55.11	-7.73	Average
3	7440.000	56.18	74.00	-17.82	63.91	-7.73	Peak
4	9920.000	49.94	74.00	-24.06	53.86	-3.92	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
Mode :BLE_1M_TX_2480MHz
Test by :Scott Chang

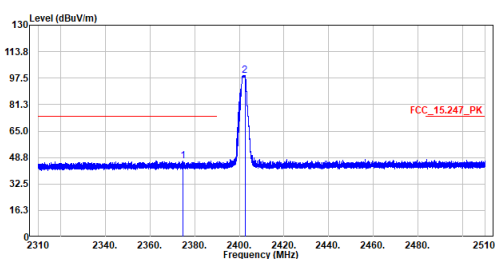


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	51.87	74.00	-22.13	66.01	-14.14	Peak
2	7440.000	52.31	54.00	-1.69	60.04	-7.73	Average
3	7440.000	60.74	74.00	-13.26	68.47	-7.73	Peak
4	9920.000	49.61	74.00	-24.39	53.53	-3.92	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2402MHz
Test by :Scott Chang

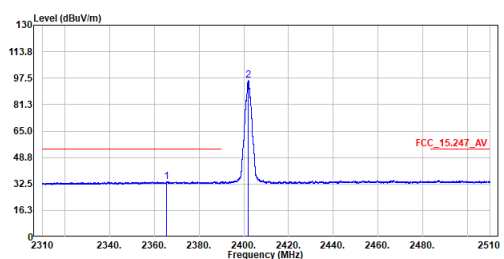


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2374.620	46.85	74.00	-27.15	35.00	11.85	Peak
2	2402.490	98.98	-----	-----	86.99	11.99	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2402MHz
Test by :Scott Chang

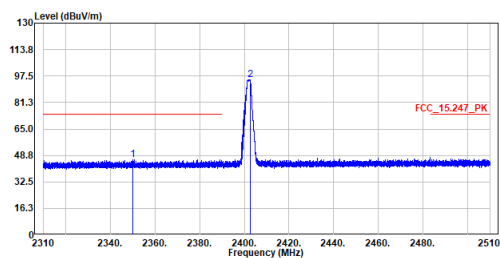


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2365.490	33.96	54.00	-20.04	22.15	11.81	Average
2	2402.010	96.33	-----	-----	84.34	11.99	Average

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2402MHz
Test by :Scott Chang

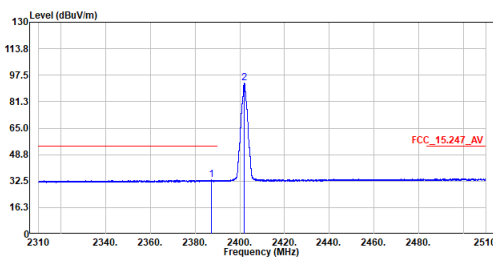


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2350.020	45.89	74.00	-28.11	34.16	11.73	Peak
2	2402.530	95.20	74.00	-28.11	83.20	12.00	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2402MHz
Test by :Scott Chang

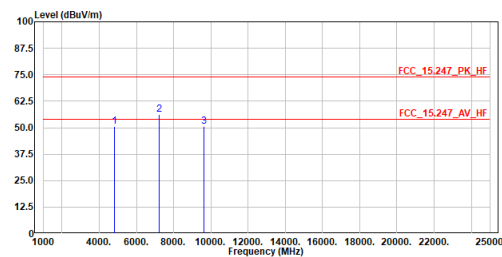


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2387.350	33.13	54.00	-20.87	21.22	11.91	Average
2	2402.040	92.57	74.00	-20.87	80.58	11.99	Average

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
Mode :BLE_2M_TX_2402MHz
Test by :Scott Chang

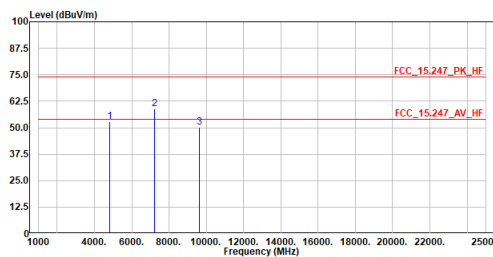


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	50.50	74.00	-23.50	65.25	-14.75	Peak
2	7206.000	56.37	74.00	-17.63	64.36	-7.99	Peak
3	9608.000	50.42	74.00	-23.58	54.98	-4.56	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
Mode :BLE_2M_TX_2402MHz
Test by :Scott Chang

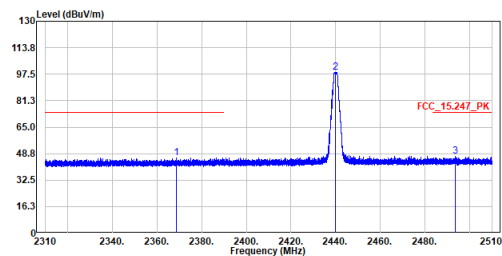


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	52.79	74.00	-21.21	67.54	-14.75	Peak
2	7206.000	59.05	74.00	-14.95	67.04	-7.99	Peak
3	9608.000	50.03	74.00	-23.97	54.59	-4.56	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2440MHz
Test by :Scott Chang

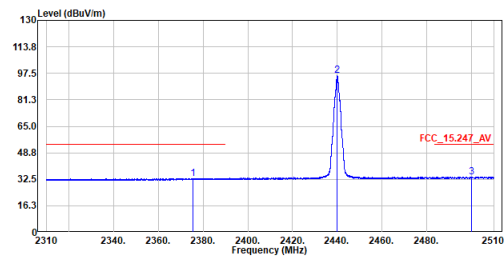


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2368.630	46.29	74.00	-27.71	34.47	11.82	Peak
2	2440.020	98.61	74.00	24.61	86.43	12.18	Peak
3	2493.470	47.23	74.00	-26.77	34.78	12.45	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2440MHz
Test by :Scott Chang

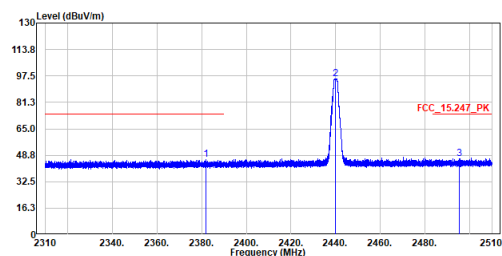


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2375.630	33.01	74.00	-40.99	21.15	11.86	Average
2	2439.990	95.93	74.00	21.93	83.75	12.18	Average
3	2500.000	33.94	74.00	-40.06	21.46	12.48	Average

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2440MHz
Test by :Scott Chang

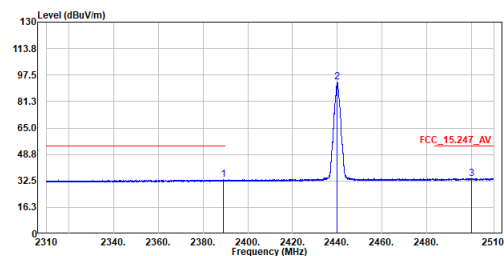


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2382.030	46.22	74.00	-27.78	34.33	11.89	Peak
2	2440.020	95.85	74.00	21.85	83.67	12.18	Peak
3	2495.430	46.77	74.00	-27.23	34.32	12.45	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2440MHz
Test by :Scott Chang

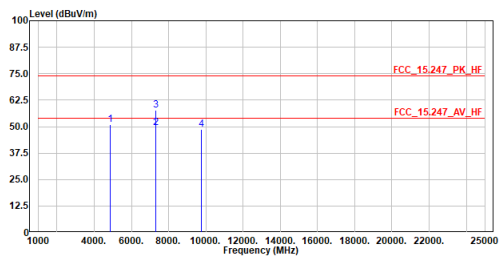


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	2389.180	33.12	74.00	-40.88	21.19	11.93	Average
2	2440.020	93.20	74.00	19.20	81.02	12.18	Average
3	2499.950	34.05	74.00	-39.95	21.57	12.48	Average

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
Mode :BLE_2M_TX_2440MHz
Test by :Scott Chang

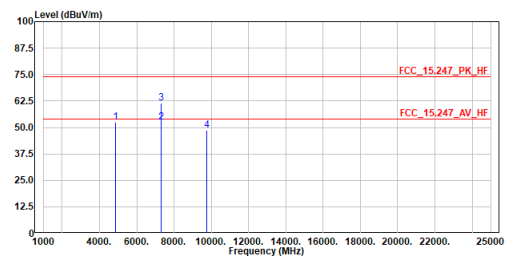


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	50.90	74.00	-23.10	65.36	-14.46	Peak
2	7320.000	49.49	54.00	-4.51	57.35	-7.86	Average
3	7320.000	57.77	74.00	-16.23	65.63	-7.86	Peak
4	9760.000	48.75	74.00	-25.25	53.00	-4.25	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
Mode :BLE_2M_TX_2440MHz
Test by :Scott Chang

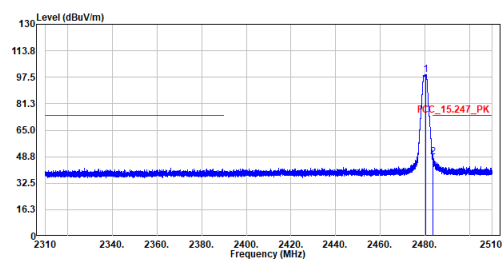


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	52.39	74.00	-21.61	66.85	-14.46	Peak
2	7320.000	52.49	54.00	-1.51	60.35	-7.86	Average
3	7320.000	61.35	74.00	-12.65	69.21	-7.86	Peak
4	9760.000	48.71	74.00	-25.29	52.96	-4.25	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2480MHz
Test by :Scott Chang

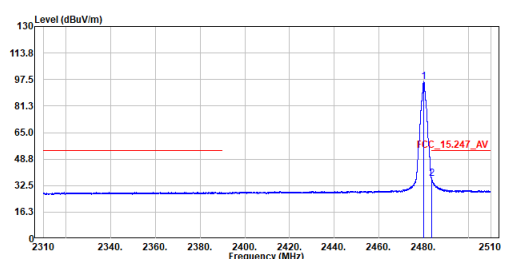


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.510	98.91	-----	-----	86.53	12.38	Peak
2	2483.560	48.56	74.00	-25.44	36.16	12.40	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2480MHz
Test by :Scott Chang

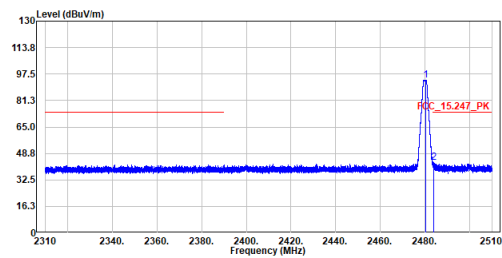


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2480.050	96.15	-----	-----	83.77	12.38	Average
2	2483.500	36.67	54.00	-17.33	24.27	12.40	Average

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 3000
Mode :BLE_2M_TX_2480MHz
Test by :Scott Chang

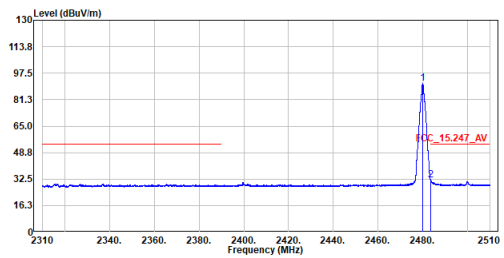


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	2480.520	93.94	-----	-----	81.56	12.38	Peak
2	2483.930	43.34	74.00	-30.66	30.94	12.40	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 1
Mode :BLE_2M_TX_2480MHz
Test by :Scott Chang

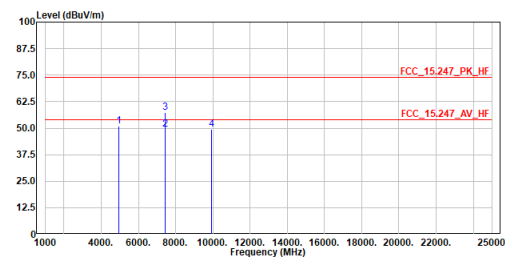


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	2480.000	91.22	-----	-----	78.84	12.38	Average
2	2483.500	31.95	54.00	-22.05	19.55	12.40	Average

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
Mode :BLE_2M_TX_2480MHz
Test by :Scott Chang

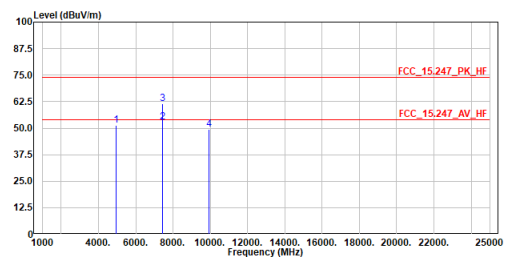


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4960.000	51.04	74.00	-22.96	65.18	-14.14	Peak
2	7440.000	49.38	54.00	-4.62	57.11	-7.73	Average
3	7440.000	57.45	74.00	-16.55	65.18	-7.73	Peak
4	9920.000	49.45	74.00	-24.55	53.37	-3.92	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
Mode :BLE_2M_TX_2480MHz
Test by :Scott Chang



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB	
1	4960.000	51.44	74.00	-22.56	65.58	-14.14	Peak
2	7440.000	52.72	54.00	-1.28	60.45	-7.73	Average
3	7440.000	61.57	74.00	-12.43	69.30	-7.73	Peak
4	9920.000	49.43	74.00	-24.57	53.35	-3.92	Peak

Note:

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