

Test Report No:
2430776R-RFNAV02S-C

TEST REPORT

FCC Rules&Regulations

Product Name	Handheld Tablet
Brand Name	Toast Inc.
Model No.	TG300
FCC ID	2AMNG-TG300
Applicant's Name / Address	Toast, Incorporated 333 Summer St, Boston, Massachusetts, United States 02210
Manufacturer's Name / Address	Toast, Incorporated 333 Summer St, Boston, Massachusetts, United States 02210
Test Method Requested, Standard	FCC CFR Title 47 Part 15 Subpart C Section 15.247 ANSI C63.10-2013
Verdict Summary	IN COMPLIANCE
Documented By	 Jennie She
Approved By	 Allen Lin
Date of Receipt	Mar. 22, 2024
Date of Issue	Apr. 07, 2025
Report Version	V1.0

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Competences and Guarantees

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

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

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

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

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

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

General Conditions

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

Revision History

Version	Description	Issued Date
V1.0	Initial issue of report	Apr. 07, 2025

Summary of Test Result

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

Comments and Explanations

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

Comments and Remarks

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

1. General Information

1.1. EUT Description

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

Accessories Information					
No.	Equipment Name	Brand Name	Model No.	Rating	Remark
1	Power Adaptor	Toast Inc.	FC015A05-0500 30U	INPUT: 100~240V, 50/60Hz, 0.5A OUTPUT: 5V, 3A, 15W	Type-C Interface
No.	Equipment Name	Description			
2	Cable	Shielded, 0.8m			
3	Li-ion polymer Battery Pack	3.8V, 5200mAh			

Antenna Information				
Ant.	Brand Name	Model No.	Type	Gain (dBi)
1	Advanced Wireless & Antenna INC.	ALL6Y-100007B	PIFA	2.33

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	2025/03/05
RF Conducted Emission	HC-SR12	Kevin Teng	20.8~23.2 / 49.7~52.3	2024/12/21~2025/03/04
Radiated Emission	HC-CB02	Brook Cheng	20 / 58	2024/12/10~2025/03/10

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
Pulse Power Sensor	Anritsu	MA2411B	1531044	0.3-40 GHz	2024/10/29	2025/10/28

HC-CB02

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Cal. Date	Next Cal. Date
Signal Analyzer	R&S	FSVA40	101455	10 Hz-40 GHz	2024/10/04	2025/10/03
Double Ridged Horn Antenna	RF SPIN	DRH18-E	211211A18E N	1G-18GHz	2024/11/08	2025/11/07
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2024/02/02	2025/02/01
Horn Antenna	Schwarzbeck	BBHA 9170	203	18G-40GHz	2025/01/14	2026/01/13
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	2024/10/15	2025/10/14
Wideband Radio Communication Tester	R&S	CMW500	106071	LTE 4G	2024/01/25	2025/01/24
Wideband Radio Communication Tester	R&S	CMW500	106071	LTE 4G	2025/01/16	2026/01/15
Coaxial Cable	Huber+Suhner ,Rosnol	SF102_UP0264	HC-CB02-1	18-40 GHz, 3 m	2024/08/13	2025/08/12

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

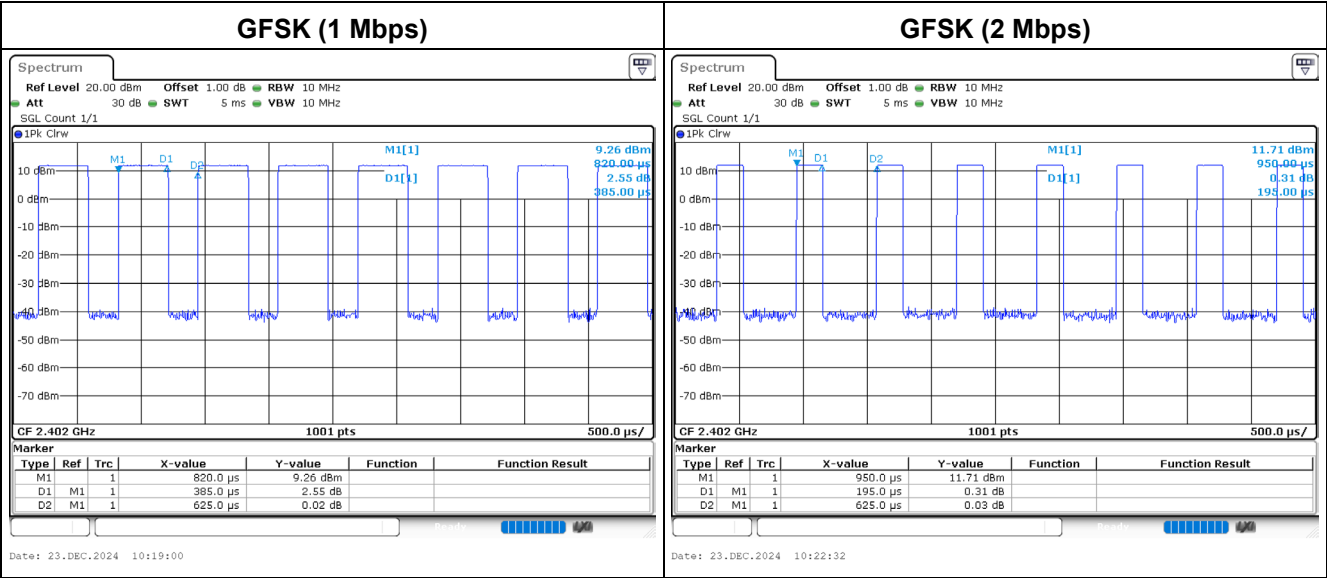
2.2. Test Frequency Mode

Test Software Version	Qualcomm® Radio Control Toolkit v4.1
-----------------------	--------------------------------------

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

2.3. Duty Cycle

Mode	On Time (ms)	On+Off Time (ms)	Duty Cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
GFSK (1 Mbps)	0.385	0.625	61.60	2.10	2.597
GFSK (2 Mbps)	0.195	0.625	31.20	5.06	5.128



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 with Pogo pins cable (Worst case)
2	Adapter with USB Type-C cable
3	Notebook with USB Type-C cable

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 with Pogo pins cable (Worst case)
2	Adapter with USB Type-C cable
3	Notebook with USB Type-C cable
Operating Mode > 1GHz	Transmit
The EUT was performed at X axis, Y axis and Z axis position for radiated spurious emission test. The worst case was found at X axis, so the measurement will follow this same test configuration.	

Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Transmit
1	Bluetooth + WiFi 2.4 GHz
2	Bluetooth + WiFi 5 GHz
3	Bluetooth + WiFi 6 GHz
Refer to Appendix A for Radiated Emission Co-location.	

Note:

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

2.5. Tested System Details

Test Mode: Mode1

N/A

Test Mode: Mode2

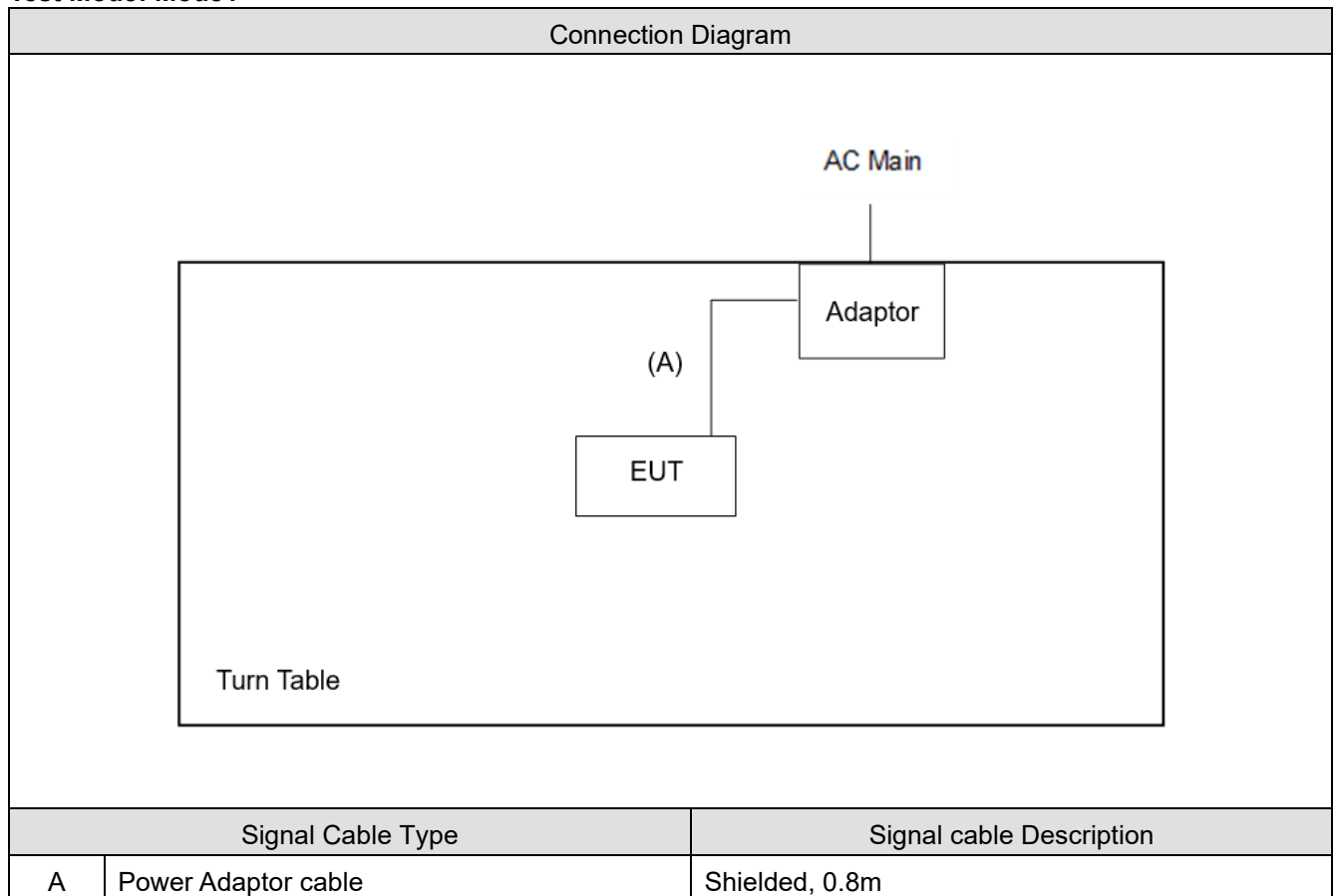
N/A

Test Mode: Mode3

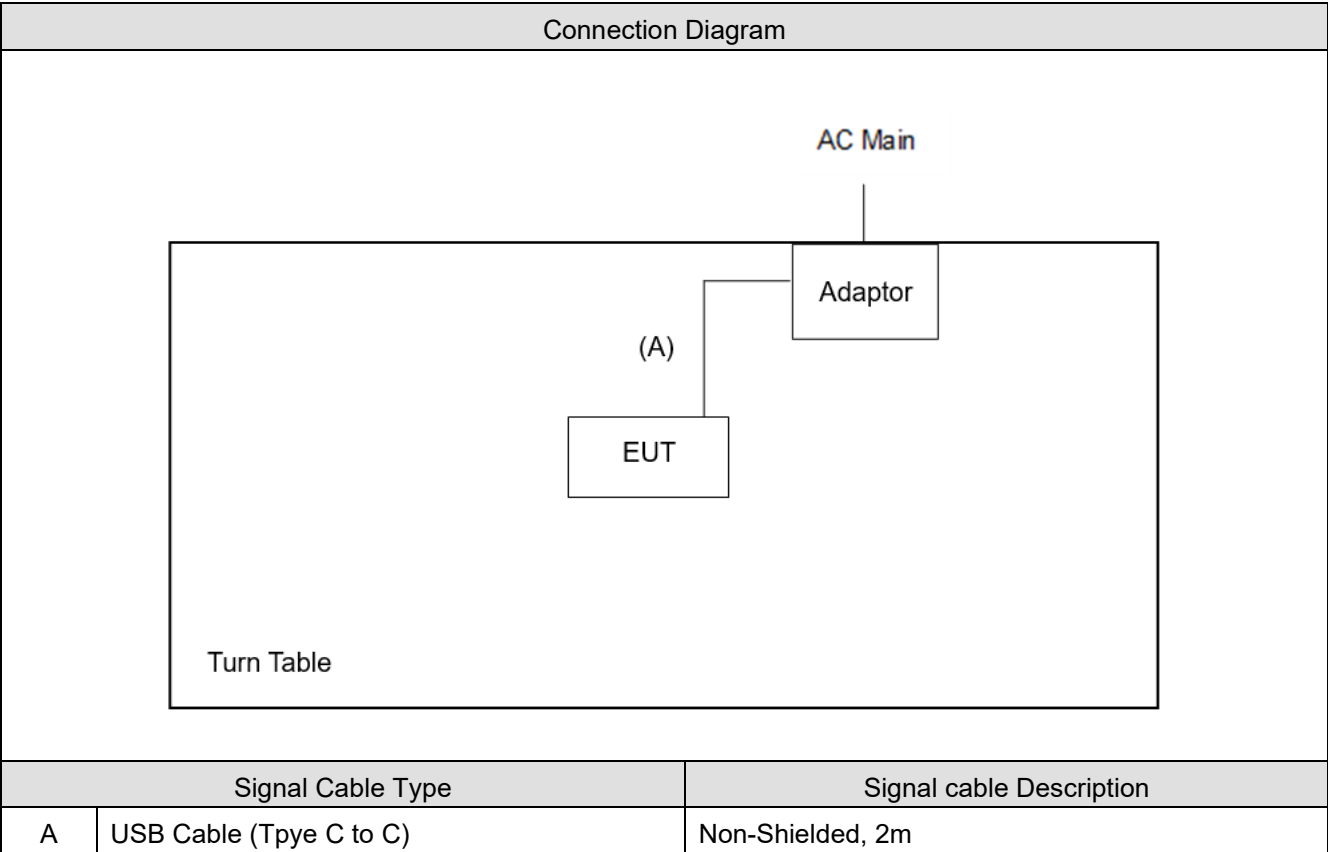
No.	Equipment	Brand Name	Model No.	Serial No.
1	Notebook	ASUS	E402S	GBN0CV14W224476

2.6. Configuration of Tested System

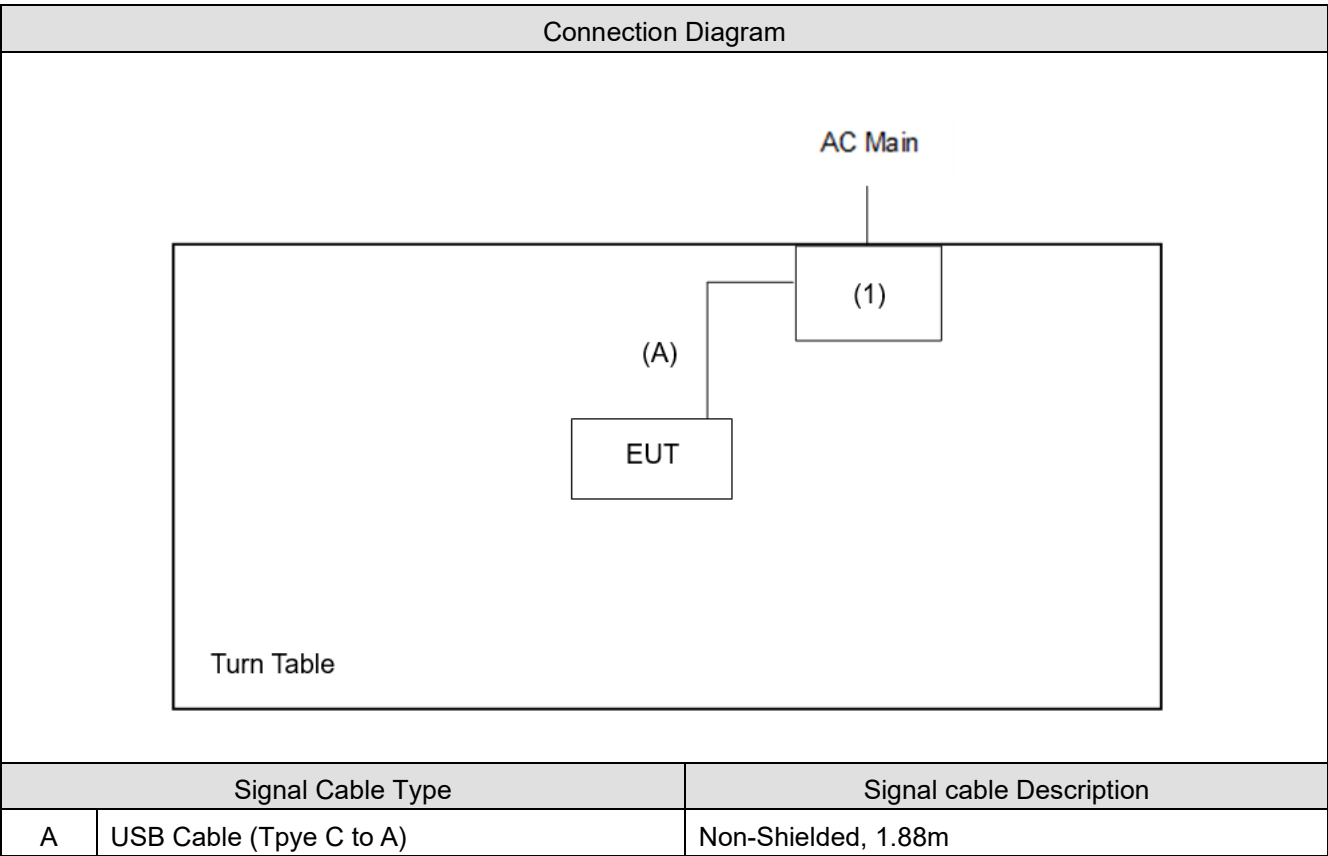
Test Mode: Mode1



Test Mode: Mode2

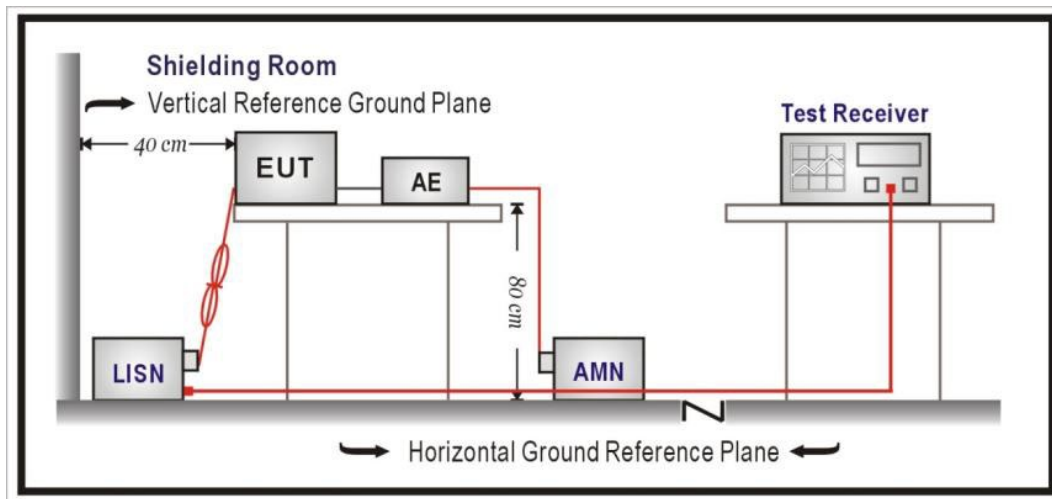


Test Mode: Mode3



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

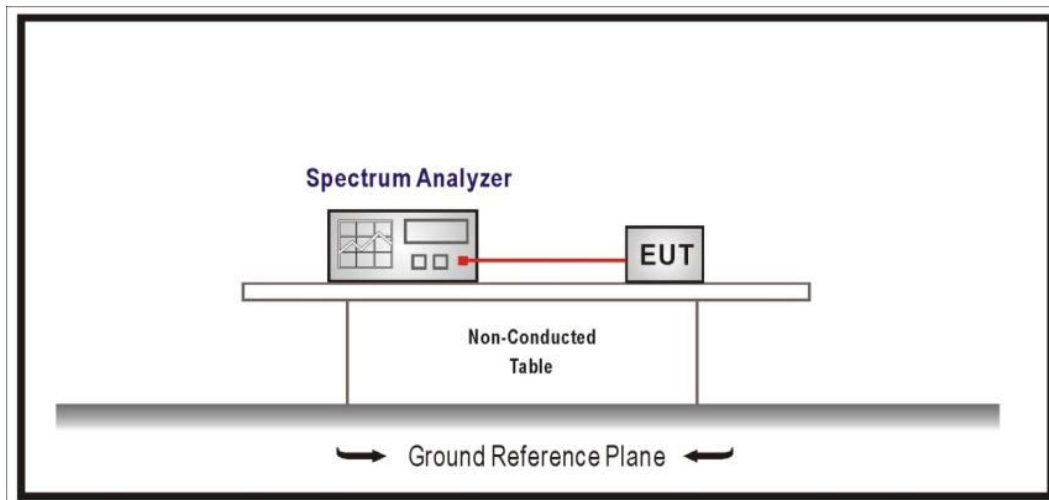
The EUT was setup according to ANSI C63.10: 2013 for AC Power Line Conducted Emissions.

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

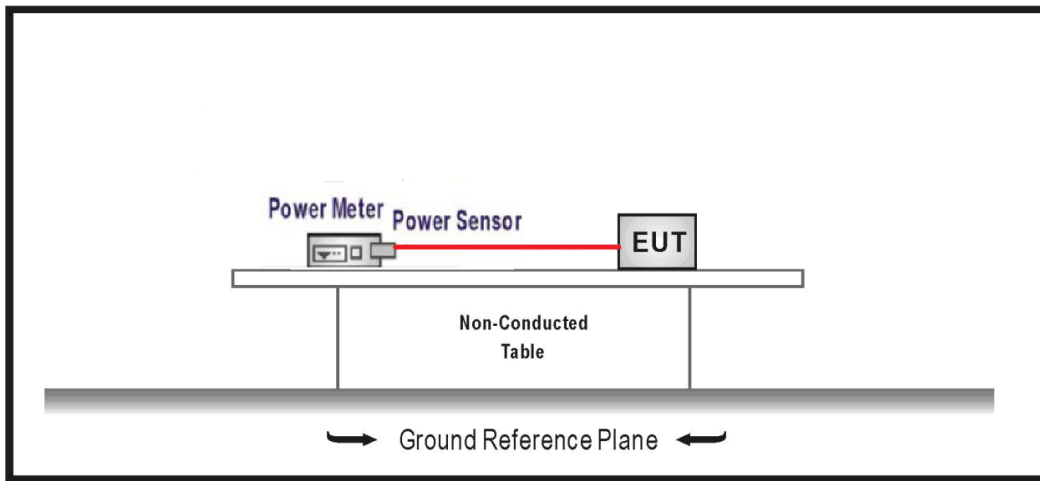
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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

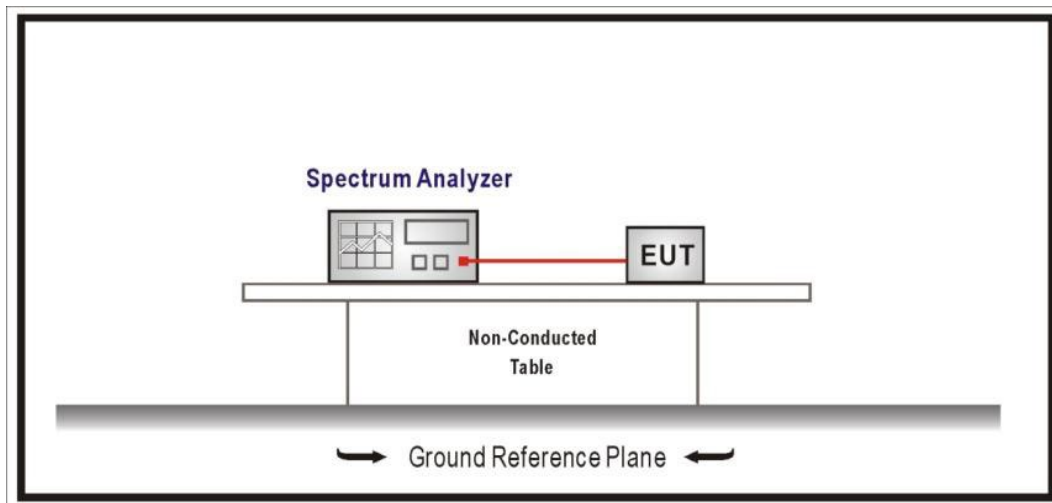
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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

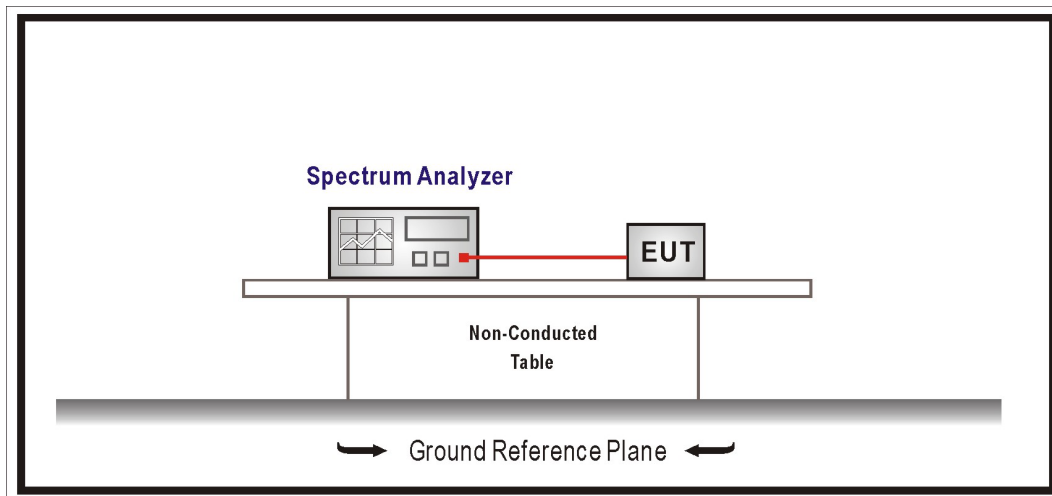
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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.

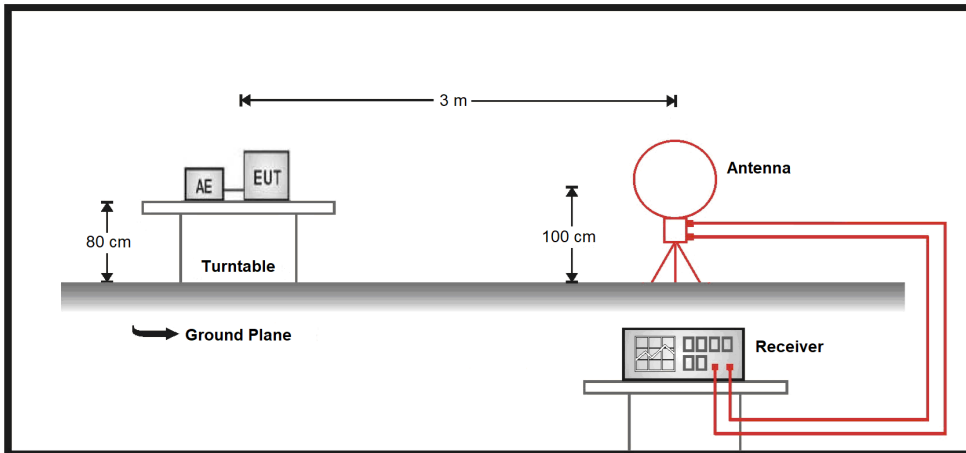
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

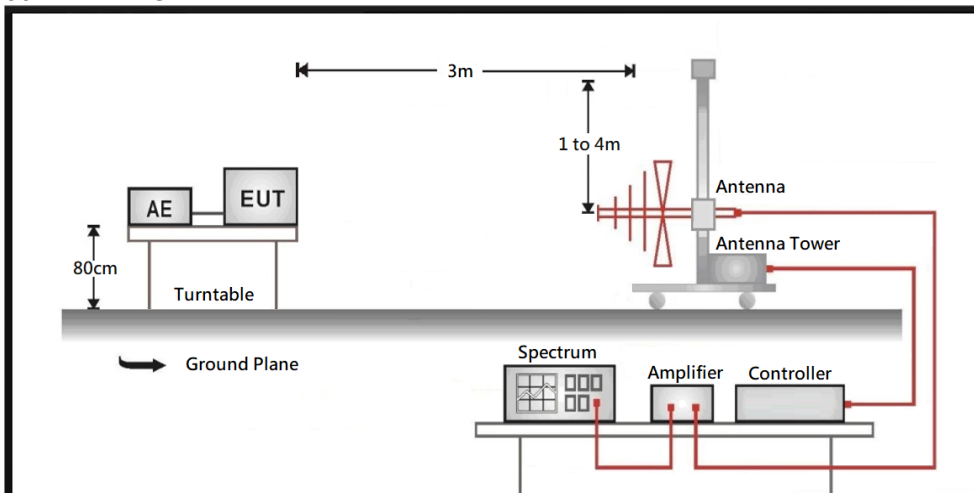
8. Transmitter Radiated Spurious Emission

8.1. Test Setup

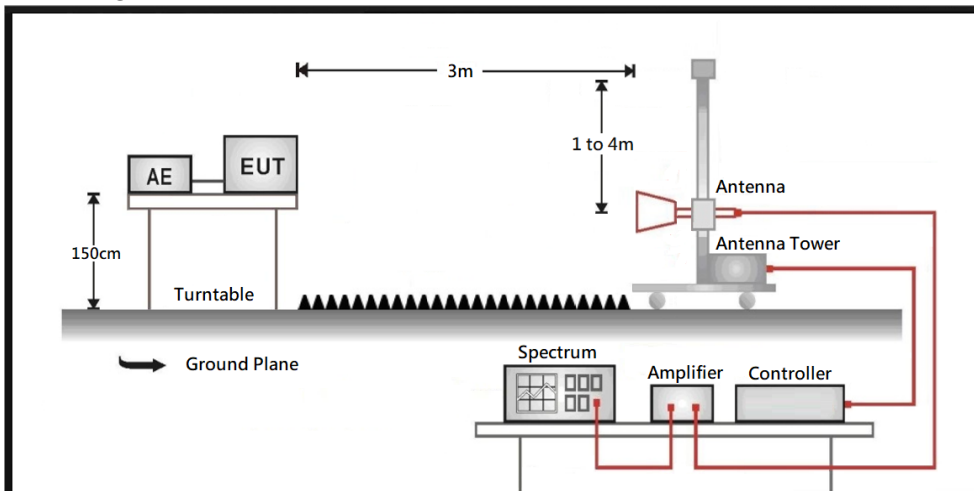
9 kHz ~ 30 MHz



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)

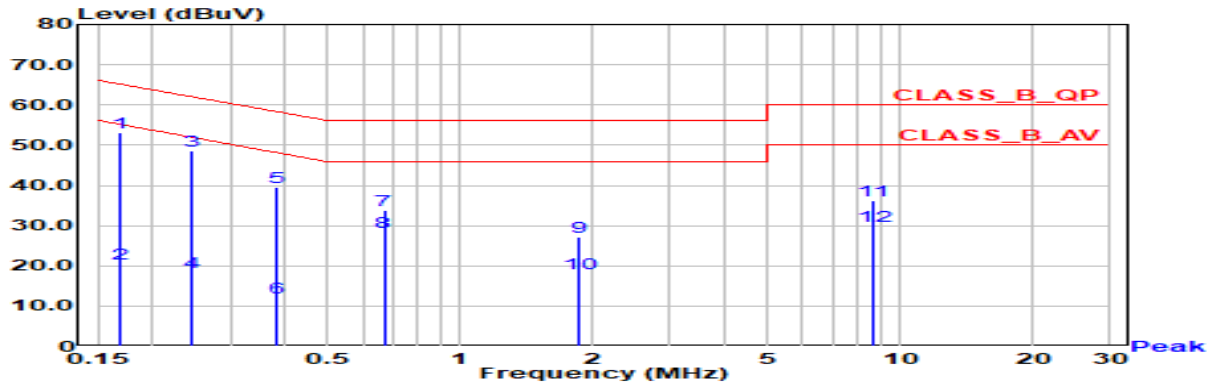
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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	Transmit	Phase	Line
Test Condition	GFSK		

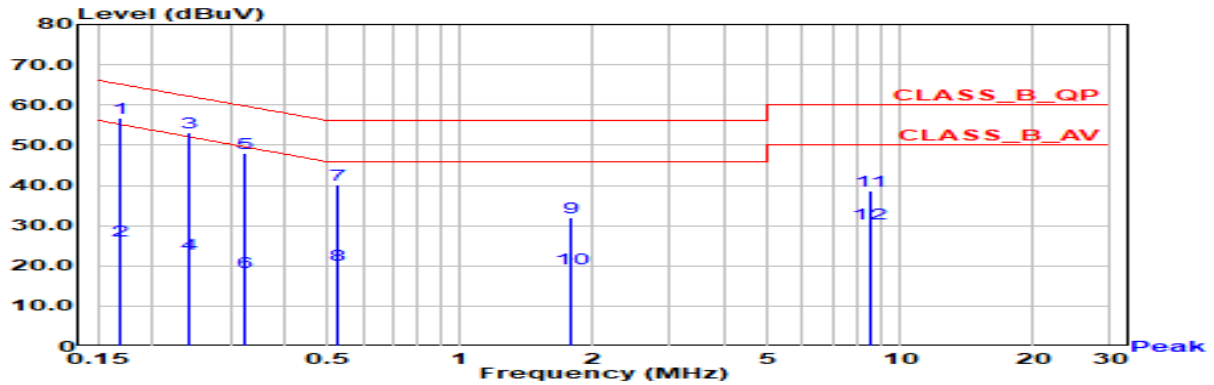


No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
*1	0.168	53.26	65.08	-11.81	43.64	9.62	QP
2	0.168	20.50	55.08	-34.57	10.88	9.62	AV
3	0.246	48.59	61.88	-13.29	38.96	9.63	QP
4	0.246	18.43	51.88	-33.45	8.80	9.63	AV
5	0.383	39.52	58.21	-18.68	29.88	9.64	QP
6	0.383	12.05	48.21	-36.15	2.41	9.64	AV
7	0.671	33.73	56.00	-22.27	24.07	9.67	QP
8	0.671	28.47	46.00	-17.53	18.80	9.67	AV
9	1.868	27.29	56.00	-28.71	17.54	9.75	QP
10	1.868	18.23	46.00	-27.77	8.48	9.75	AV
11	8.642	36.12	60.00	-23.88	26.10	10.02	QP
12	8.642	29.82	50.00	-20.18	19.80	10.02	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	Transmit	Phase	Neutral
Test Condition	GFSK		



No	Frequency (MHz)	Emission Level (dBUV)	Limit (dBUV)	Margin (dB)	Reading Level (dBUV)	Correct Factor (dB)	Detector Type
*1	0.169	56.82	65.03	-8.21	47.20	9.62	QP
2	0.169	26.24	55.03	-28.78	16.62	9.62	AV
3	0.240	53.12	62.09	-8.97	43.49	9.63	QP
4	0.240	22.98	52.09	-29.11	13.36	9.63	AV
5	0.323	48.10	59.63	-11.53	38.46	9.63	QP
6	0.323	18.49	49.63	-31.14	8.85	9.63	AV
7	0.523	40.06	56.00	-15.94	30.41	9.66	QP
8	0.523	20.15	46.00	-25.85	10.49	9.66	AV
9	1.776	32.11	56.00	-23.89	22.35	9.76	QP
10	1.776	19.28	46.00	-26.72	9.52	9.76	AV
11	8.506	38.52	60.00	-21.48	28.46	10.06	QP
12	8.506	30.45	50.00	-19.55	20.39	10.06	AV

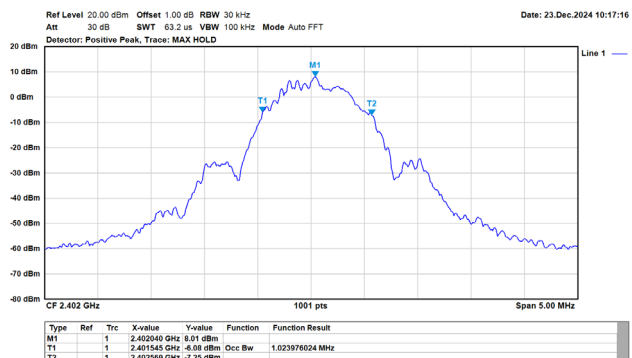
Note:

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.

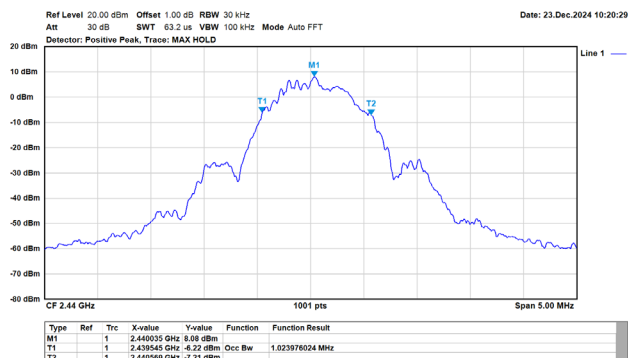
Appendix B.1 Test Result of Occupied Bandwidth

Modulation	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Limit (MHz)
GFSK (1Mbps)	2402	1.02	-
	2440	1.02	-
	2480	1.02	-
GFSK (2Mbps)	2402	1.99	-
	2440	2.00	-
	2480	2.00	-

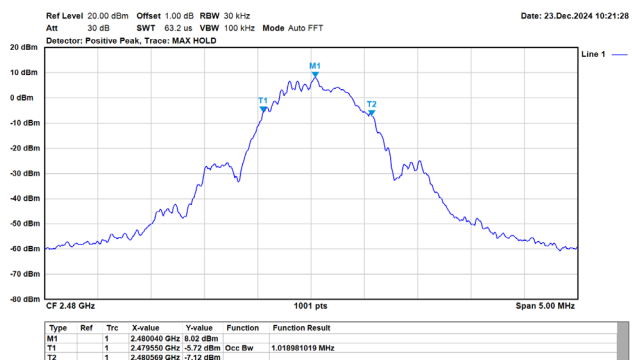
GFSK/1MHz/2402MHz/Ch0



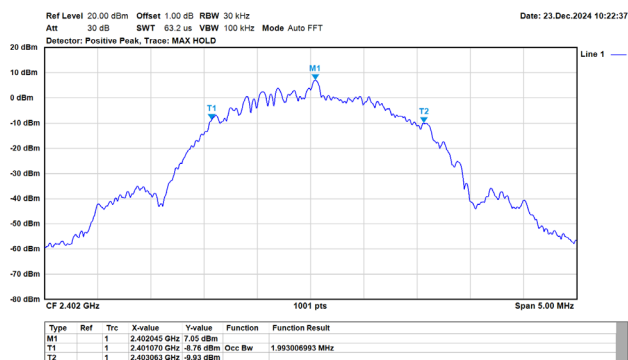
GFSK/1MHz/2440MHz/Ch19



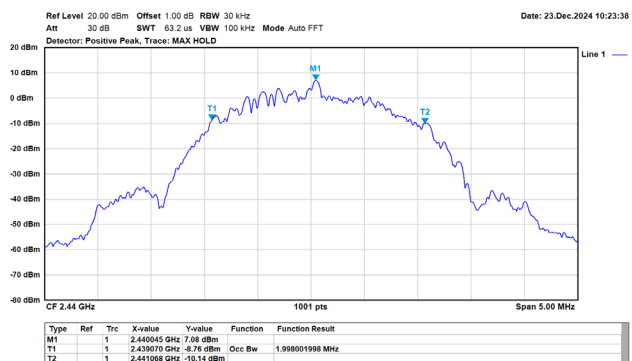
GFSK/1MHz/2480MHz/Ch39



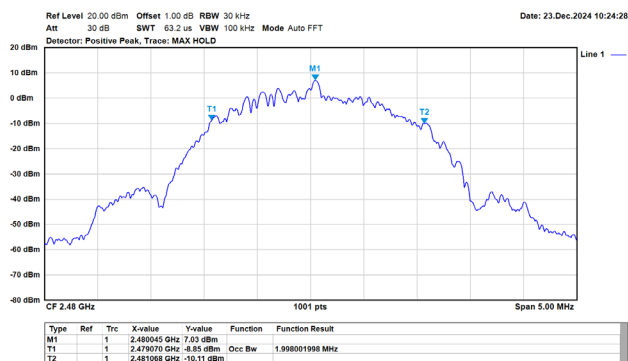
GFSK/2MHz/2402MHz/Ch0



GFSK/2MHz/2440MHz/Ch19



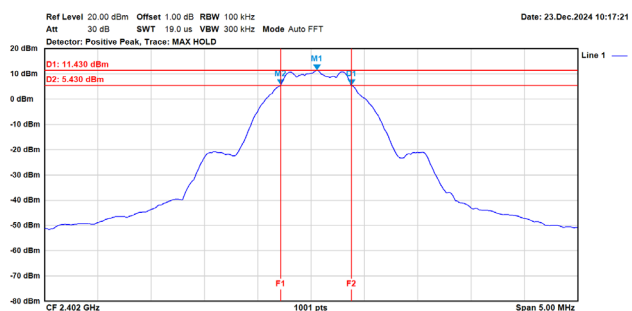
GFSK/2MHz/2480MHz/Ch39



Appendix B.2 Test Result of DTS Bandwidth

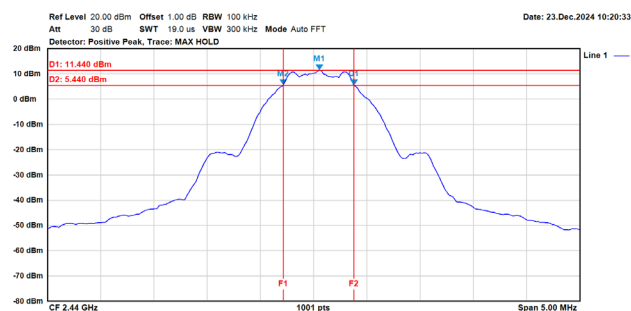
Modulation	Frequency (MHz)	DTS Bandwidth (MHz)	Limit (MHz)	Result
GFSK (1Mbps)	2402	0.67	0.50	Pass
	2440	0.67	0.50	Pass
	2480	0.67	0.50	Pass
GFSK (2Mbps)	2402	1.13	0.50	Pass
	2440	1.13	0.50	Pass
	2480	1.13	0.50	Pass

GFSK/1MHz/2402MHz/Ch0



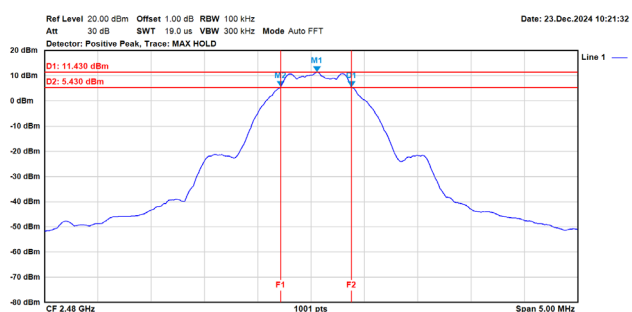
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			2.402054 GHz	11.43 dBm		
D1	M2		665.000000 kHz	-0.11 dB		
M2			2.401715 GHz	5.55 dBm		

GFSK/1MHz/2440MHz/Ch19



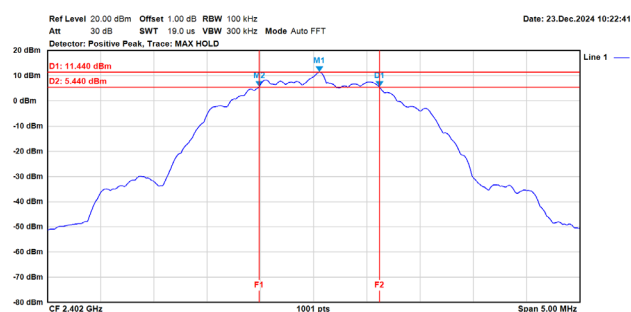
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			2.440054 GHz	11.44 dBm		
D1	M2		665.000000 kHz	-0.13 dB		
M2			2.439715 GHz	5.59 dBm		

GFSK/1MHz/2480MHz/Ch39



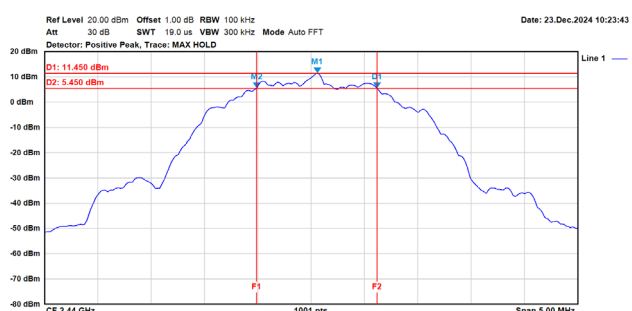
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			2.480054 GHz	11.43 dBm		
D1	M2		665.000000 kHz	-0.09 dB		
M2			2.479715 GHz	5.55 dBm		

GFSK/2MHz/2402MHz/Ch0



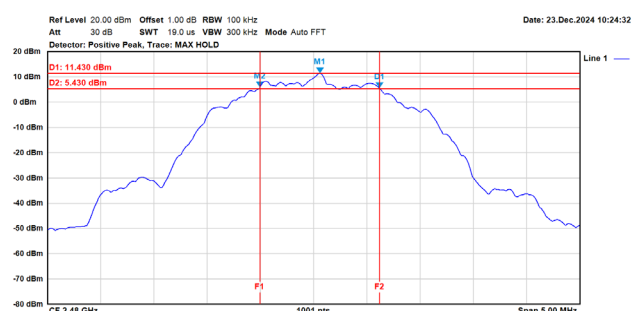
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			2.402054 GHz	11.44 dBm		
D1	M2		1.130 MHz	-0.08 dB		
M2			2.401490 GHz	5.54 dBm		

GFSK/2MHz/2440MHz/Ch19



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			2.440059 GHz	11.45 dBm		
D1	M2		1.130 MHz	-0.03 dB		
M2			2.439490 GHz	5.53 dBm		

GFSK/2MHz/2480MHz/Ch39



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			2.480059 GHz	11.43 dBm		
D1	M2		1.125 MHz	-0.36 dB		
M2			2.479490 GHz	5.56 dBm		

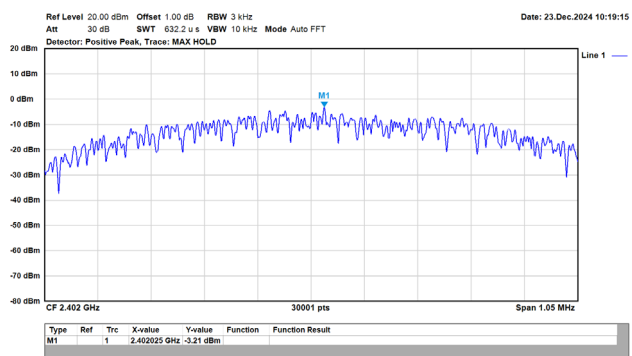
Appendix C. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK (1 Mbps)	2402	6.790	30.00	Pass
	2440	6.980	30.00	Pass
	2480	6.930	30.00	Pass
GFSK (2 Mbps)	2402	6.770	30.00	Pass
	2440	6.990	30.00	Pass
	2480	6.920	30.00	Pass

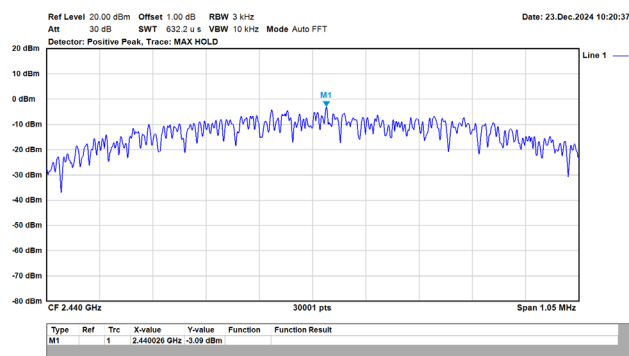
Appendix D. Test Result of Maximum Power Spectral Density

Modulation	Frequency (MHz)	Power Spectral Density (dBm / 3kHz)	Limit (dBm / 3kHz)	Result
GFSK (1Mbps)	2402	-3.21	8.00	Pass
	2440	-3.09	8.00	Pass
	2480	-3.20	8.00	Pass
GFSK (2Mbps)	2402	-5.88	8.00	Pass
	2440	-5.80	8.00	Pass
	2480	-5.88	8.00	Pass

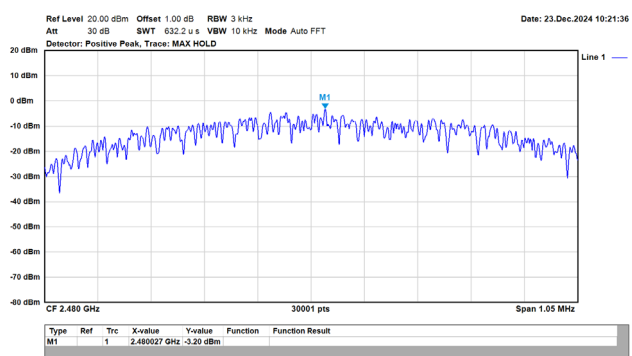
GFSK/1MHz/2402MHz/Ch0



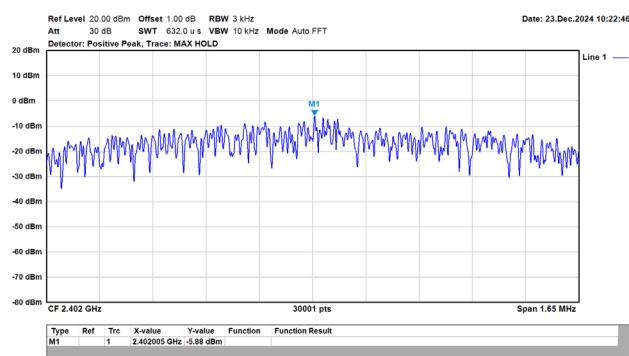
GFSK/1MHz/2440MHz/Ch19



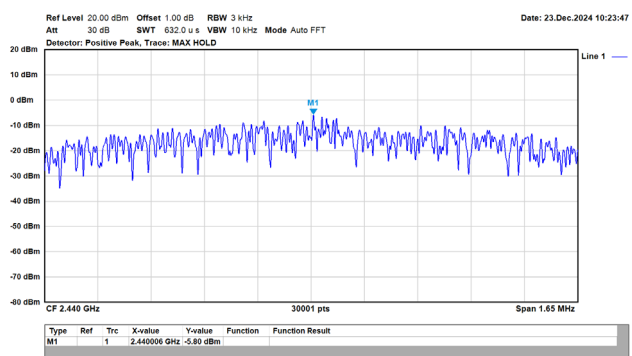
GFSK/1MHz/2480MHz/Ch39



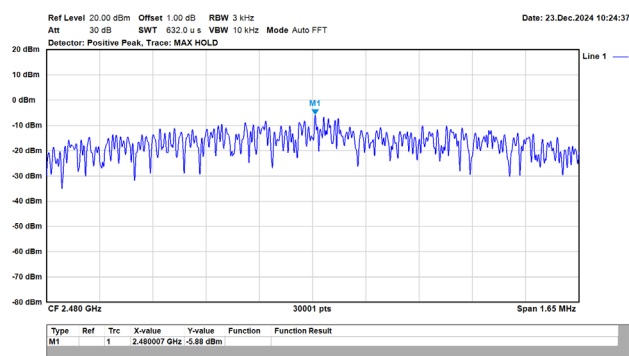
GFSK/2MHz/2402MHz/Ch0



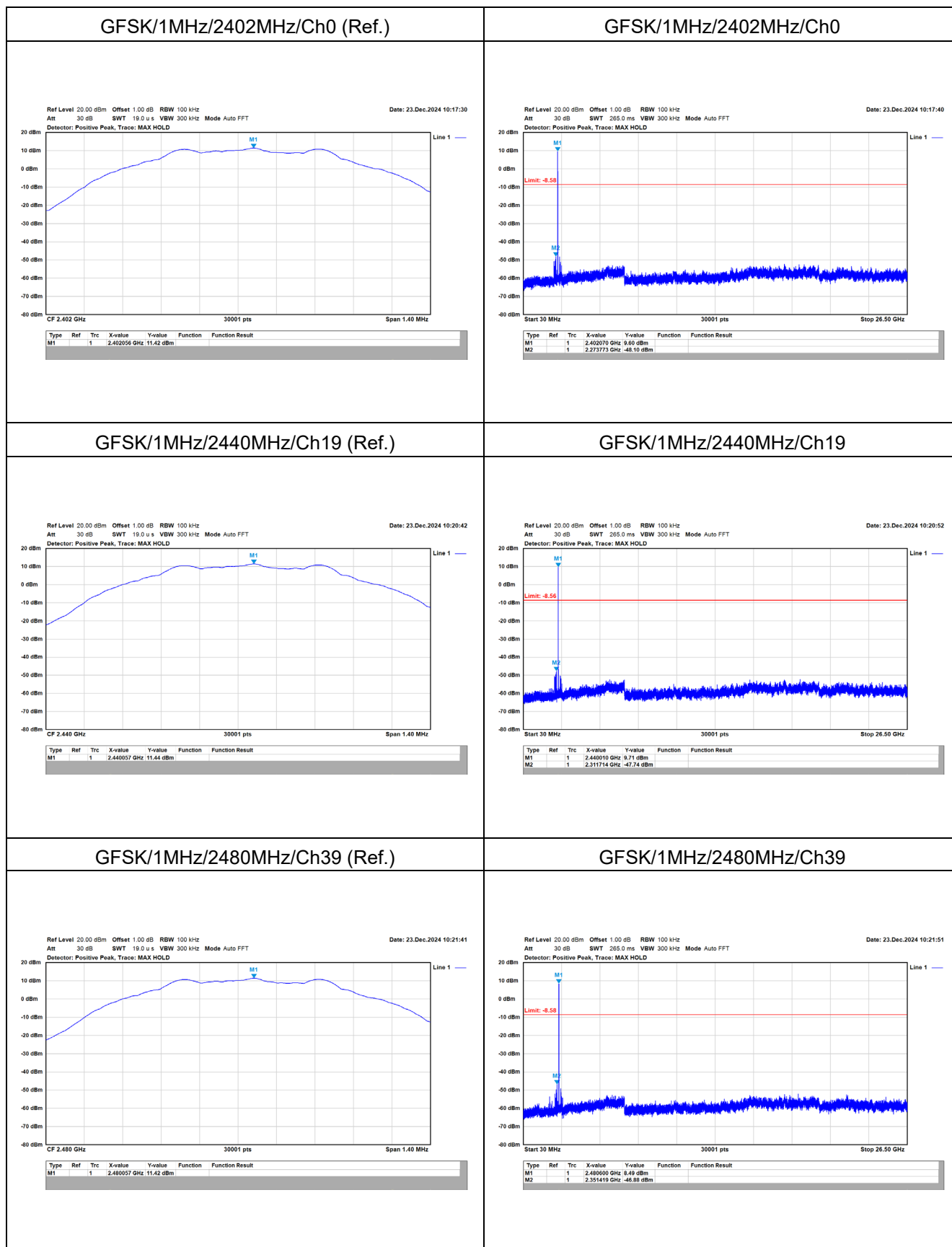
GFSK/2MHz/2440MHz/Ch19



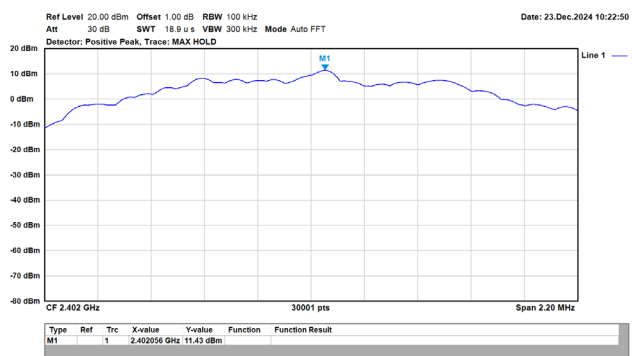
GFSK/2MHz/2480MHz/Ch39



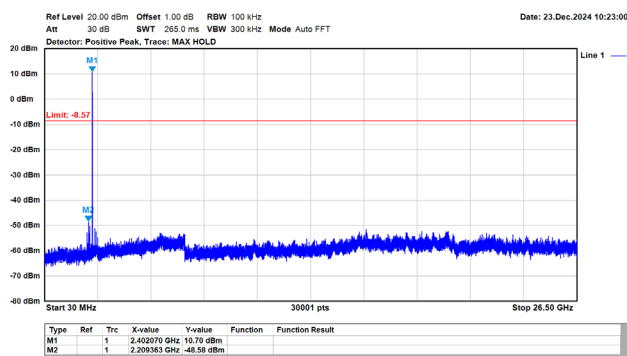
Appendix E. Test Result of Antenna Port Conducted Emission



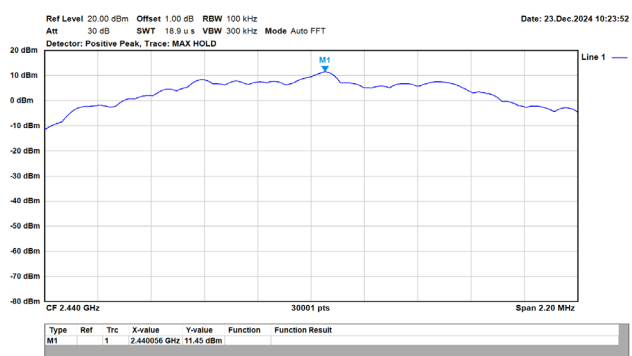
GFSK/2MHz/2402MHz/Ch0 (Ref.)



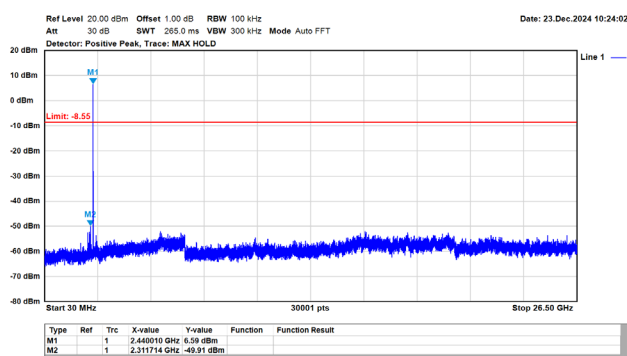
GFSK/2MHz/2402MHz/Ch0



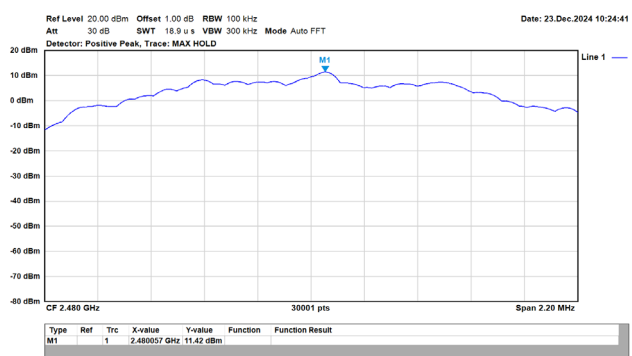
GFSK/2MHz/2440MHz/Ch19 (Ref.)



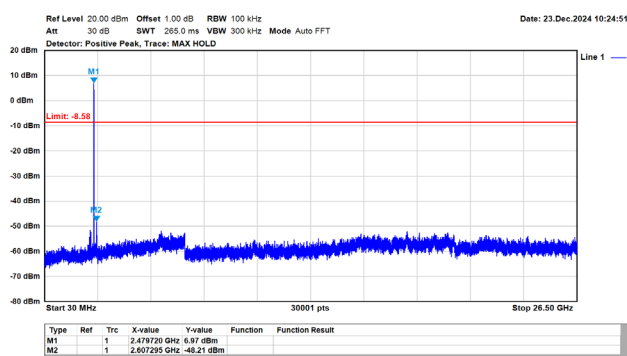
GFSK/2MHz/2440MHz/Ch19



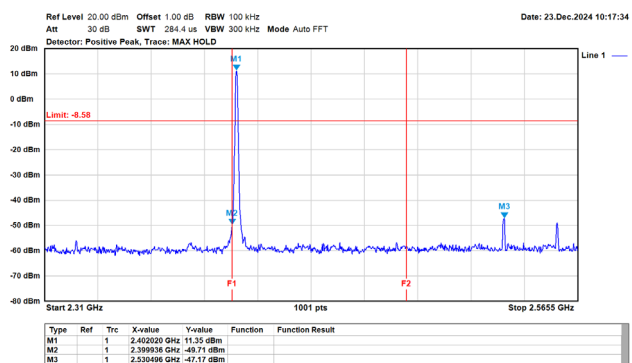
GFSK/2MHz/2480MHz/Ch39 (Ref.)



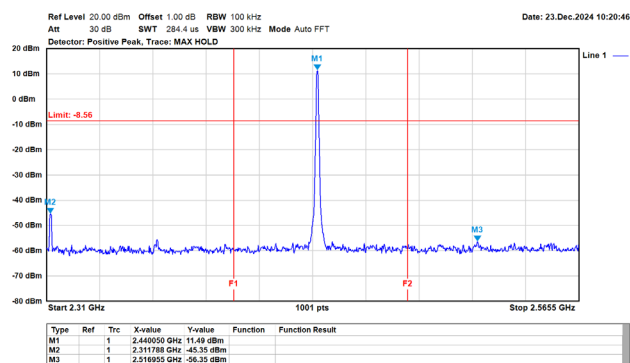
GFSK/2MHz/2480MHz/Ch39



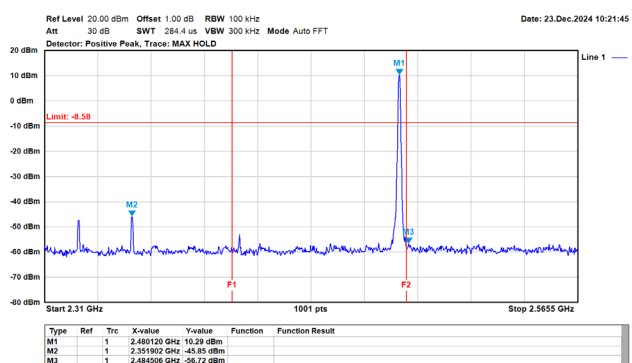
GFSK/1MHz/2402MHz/Ch0 (Band Edge)



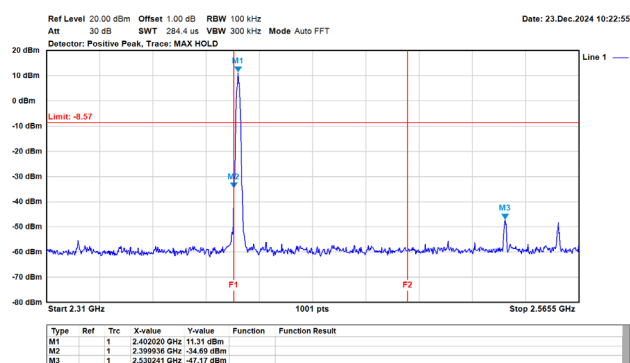
GFSK/1MHz/2440MHz/Ch19 (Band Edge)



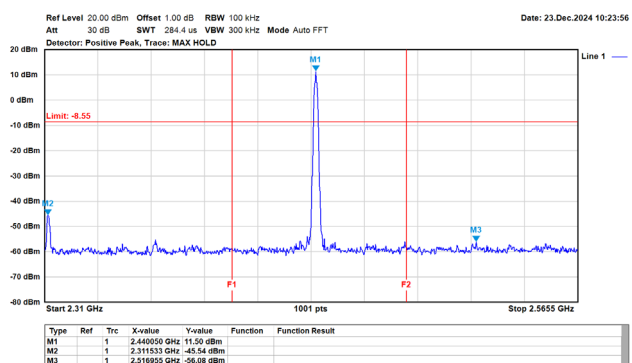
GFSK/1MHz/2480MHz/Ch39 (Band Edge)



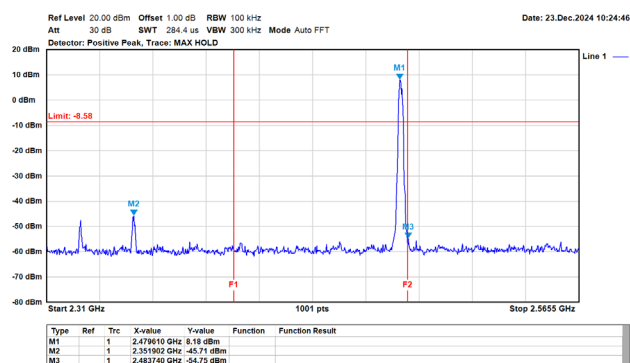
GFSK/2MHz/2402MHz/Ch0 (Band Edge)



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



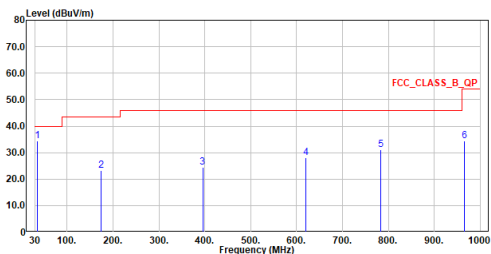
GFSK/2MHz/2480MHz/Ch39 (Band Edge)



Appendix F. Test Result of Transmitter Radiated Spurious Emission

30 MHz ~ 1 GHz

Site :HC-CB02
Condition :3m Horizontal
Mode :LF_BLE_1M_TX_2440MHz
Test by :Scott Chnag

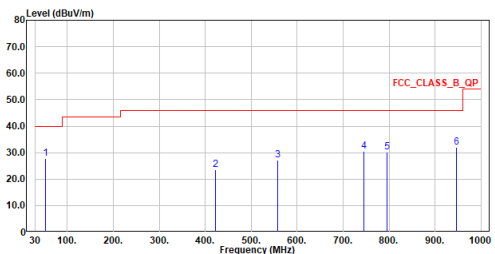


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	34.850	34.35	40.00	-5.65	36.99	-2.64	QP
2	173.075	23.15	43.50	-20.35	26.50	-3.35	QP
3	395.205	24.36	46.00	-21.64	23.77	0.59	QP
4	620.730	28.03	46.00	-17.97	22.22	5.81	QP
5	782.720	30.97	46.00	-15.03	22.51	8.46	QP
6	966.050	34.27	54.00	-19.73	23.57	10.70	QP

Note:

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

Site :HC-CB02
Condition :3m Vertical
Mode :LF_BLE_1M_TX_2440MHz
Test by :Scott Chnag



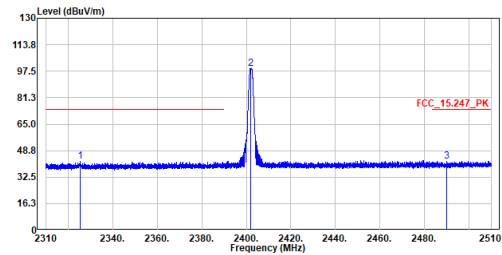
No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	52.795	27.82	40.00	-12.18	29.59	-1.77	QP
2	421.395	23.40	46.00	-22.60	22.15	1.25	QP
3	557.195	27.26	46.00	-18.74	23.24	4.02	QP
4	745.860	30.41	46.00	-15.59	22.48	7.93	QP
5	795.330	30.29	46.00	-15.71	21.79	8.50	QP
6	946.650	32.08	46.00	-13.92	21.42	10.66	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_2402MHz
Test by :Brook Cheng

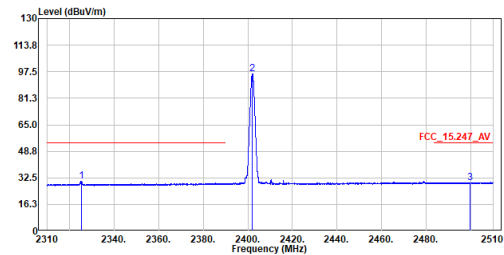


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2325.420	42.23	74.00	-31.77	30.63	11.60	Peak
2	2402.060	99.15	-----	-----	87.16	11.99	Peak
3	2489.900	42.09	74.00	-31.91	29.66	12.43	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 3
Mode :BLE_1M_2402MHz
Test by :Brook Cheng

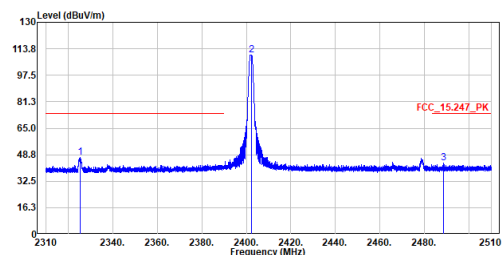


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2325.300	30.45	54.00	-23.55	18.85	11.60	Average
2	2402.040	96.29	-----	-----	84.30	11.99	Average
3	2499.820	29.67	54.00	-24.33	17.19	12.48	Average

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_2402MHz
Test by :Brook Cheng

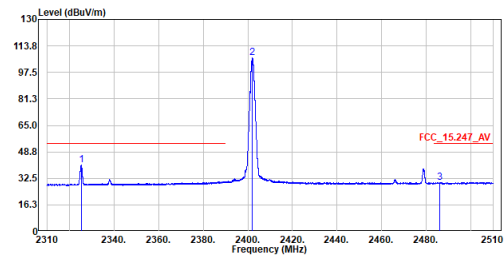


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2325.440	46.86	74.00	-27.14	35.26	11.60	Peak
2	2402.320	110.07	-----	-----	98.08	11.99	Peak
3	2488.760	43.57	74.00	-30.43	31.14	12.43	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
RB/VB(kHz):1000 / 3
Mode :BLE_1M_2402MHz
Test by :Brook Cheng

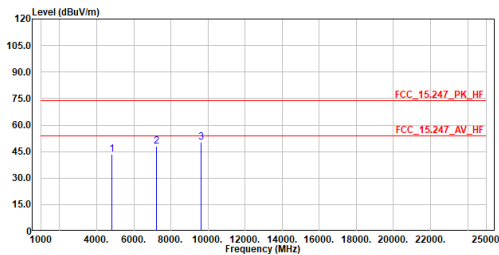


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2325.260	40.75	54.00	-13.25	29.15	11.60	Average
2	2402.040	106.47	-----	-----	94.48	11.99	Average
3	2486.000	30.01	54.00	-23.99	17.61	12.40	Average

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_2402MHz
Test by :Brook Cheng

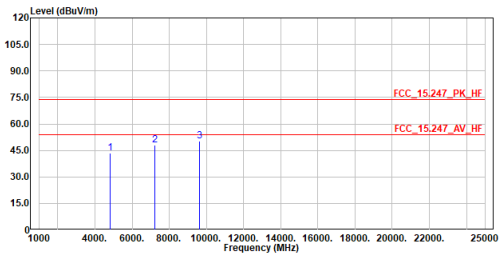


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	43.40	74.00	-30.60	58.15	-14.75	Peak
2	7206.000	48.19	74.00	-25.81	56.18	-7.99	Peak
3	9608.000	50.18	74.00	-23.82	54.74	-4.56	Peak

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_2402MHz
Test by :Brook Cheng

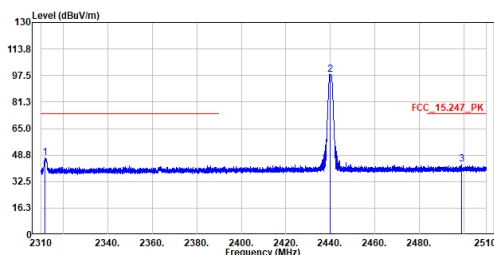


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	43.59	74.00	-30.41	58.34	-14.75	Peak
2	7206.000	47.84	74.00	-26.16	55.83	-7.99	Peak
3	9608.000	50.20	74.00	-23.80	54.76	-4.56	Peak

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_2440MHz
Test by :Brook Cheng

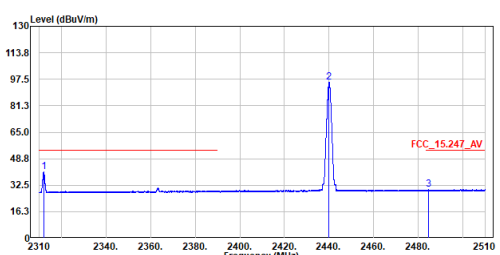


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2311.820	47.27	74.00	-26.73	35.73	11.54	Peak
2	2439.820	98.23	-----	-----	86.05	12.18	Peak
3	2498.860	43.30	74.00	-30.70	30.82	12.48	Peak

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 ,Horizontal
RB/VB(kHz):1000 / 3
Mode :BLE_1M_2440MHz
Test by :Brook Cheng

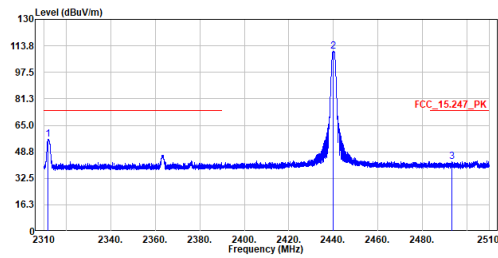


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2312.000	40.63	54.00	-13.37	29.09	11.54	Average
2	2439.980	95.63	-----	-----	83.45	12.18	Average
3	2484.780	29.74	54.00	-24.26	17.34	12.40	Average

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_2440MHz
Test by :Brook Cheng

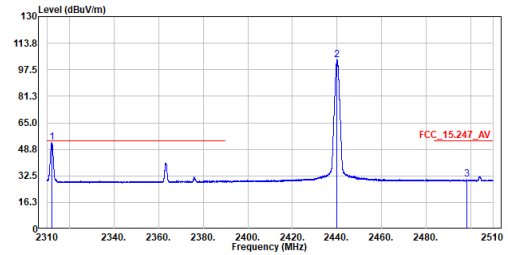


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2311.800	56.45	74.00	-17.55	44.91	11.54	Peak
2	2439.820	110.32	-----	-----	98.14	12.18	Peak
3	2493.280	42.50	74.00	-31.50	30.05	12.45	Peak

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 / 3
Mode :BLE_1M_2440MHz
Test by :Brook Cheng

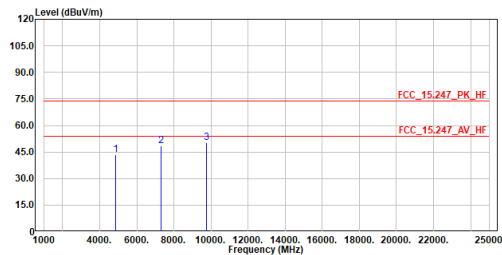


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2311.980	52.83	54.00	-1.17	41.29	11.54	Average
2	2440.020	103.71	-----	-----	91.53	12.18	Average
3	2498.200	30.31	54.00	-23.69	17.83	12.48	Average

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_2440MHz
Test by :Brook Cheng

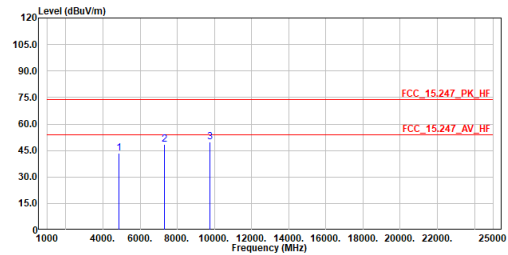


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	43.53	74.00	-30.47	57.99	-14.46	Peak
2	7320.000	48.52	74.00	-25.48	56.38	-7.86	Peak
3	9760.000	50.30	74.00	-23.70	54.55	-4.25	Peak

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_2440MHz
Test by :Brook Cheng

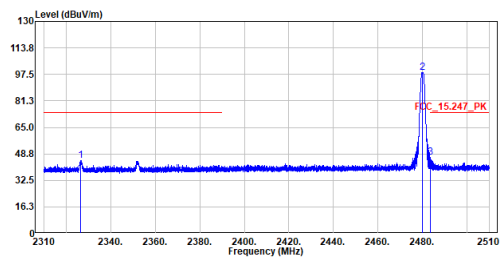


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	43.40	74.00	-30.60	57.86	-14.46	Peak
2	7320.000	48.56	74.00	-25.44	56.42	-7.86	Peak
3	9760.000	49.90	74.00	-24.10	54.15	-4.25	Peak

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_2480MHz
Test by :Brook Cheng

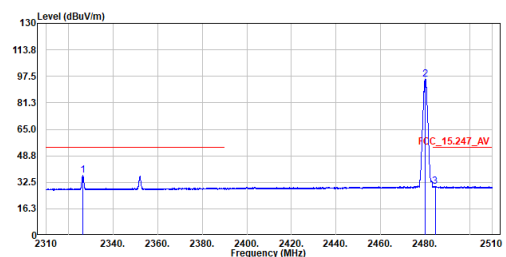


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2326.580	44.75	74.00	-29.25	33.14	11.61	Peak
2	2480.060	98.85	-----	-----	86.47	12.38	Peak
3	2483.620	46.39	74.00	-27.61	33.99	12.40	Peak

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 / 3
Mode :BLE_1M_2480MHz
Test by :Brook Cheng

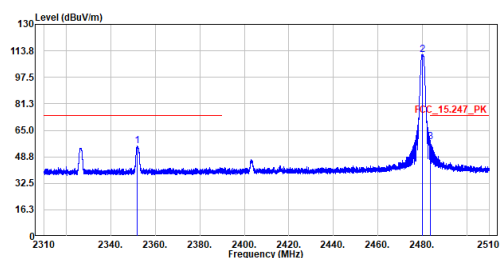


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2326.420	36.89	54.00	-17.11	25.28	11.61	Average
2	2480.040	95.89	-----	-----	83.51	12.38	Average
3	2484.480	30.01	54.00	-23.99	17.61	12.40	Average

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_2480MHz
Test by :Brook Cheng

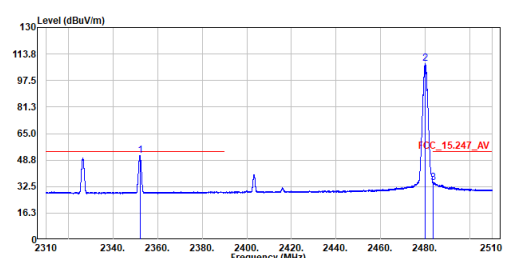


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2351.920	55.35	74.00	-18.65	43.62	11.73	Peak
2	2480.060	111.39	-----	-----	99.01	12.38	Peak
3	2483.600	57.73	74.00	-16.27	45.33	12.40	Peak

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 / 3
Mode :BLE_1M_2480MHz
Test by :Brook Cheng

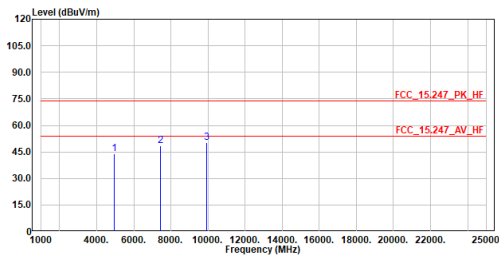


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2352.040	51.53	54.00	-2.47	39.80	11.73	Average
2	2480.040	107.75	-----	-----	95.37	12.38	Average
3	2483.520	34.98	54.00	-19.02	22.58	12.40	Average

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_2480MHz
Test by :Brook Cheng

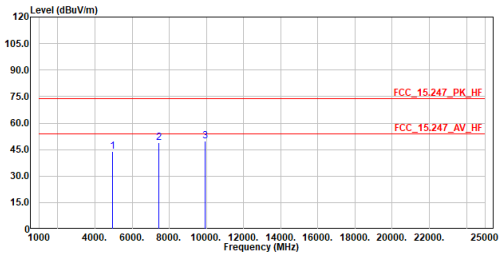


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4960.000	43.87	74.00	-30.13	58.01	-14.14	Peak
2	7440.000	48.41	74.00	-25.59	56.14	-7.73	Peak
3	9920.000	50.06	74.00	-23.94	53.98	-3.92	Peak

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_2480MHz
Test by :Brook Cheng

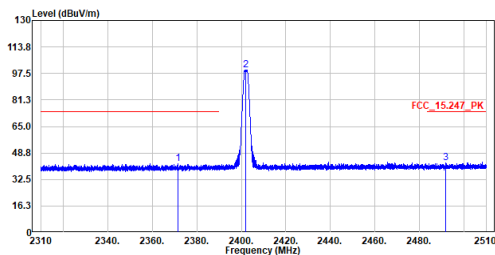


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4960.000	44.09	74.00	-29.91	58.23	-14.14	Peak
2	7440.000	48.77	74.00	-25.23	56.50	-7.73	Peak
3	9920.000	50.01	74.00	-23.99	53.93	-3.92	Peak

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_2402MHz
Test by :Brook Cheng

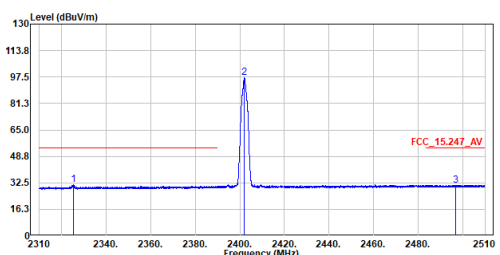


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2371.560	42.41	74.00	-31.59	30.57	11.84	Peak
2	2402.020	99.58	74.00	25.58	87.59	11.99	Peak
3	2491.780	42.50	74.00	-31.50	30.07	12.43	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 5
Mode :BLE_2M_2402MHz
Test by :Brook Cheng

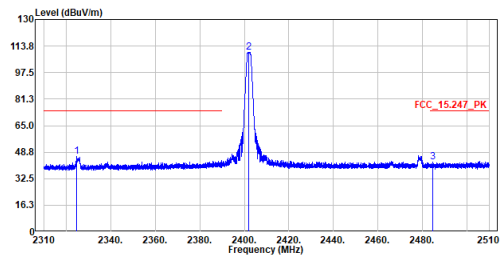


No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	2325.200	31.33	54.00	-22.67	19.73	11.60	Average
2	2402.020	97.11	74.00	23.11	85.12	11.99	Average
3	2496.740	31.13	54.00	-22.87	18.67	12.46	Average

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_2402MHz
Test by :Brook Cheng

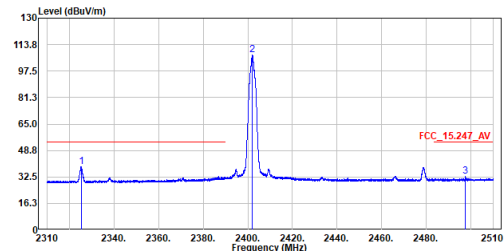


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2324.660	46.04	74.00	-27.96	34.44	11.60	Peak
2	2402.060	110.05	-----	-----	98.06	11.99	Peak
3	2484.800	42.78	74.00	-31.22	30.38	12.40	Peak

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 / 5
Mode :BLE_2M_2402MHz
Test by :Brook Cheng

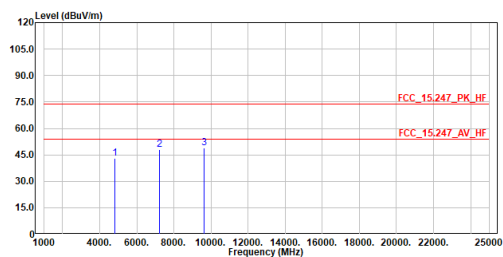


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2325.180	38.68	54.00	-15.32	27.08	11.60	Average
2	2402.060	107.33	-----	-----	95.34	11.99	Average
3	2497.660	33.08	54.00	-20.92	20.60	12.48	Average

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_2402MHz
Test by :Brook Cheng

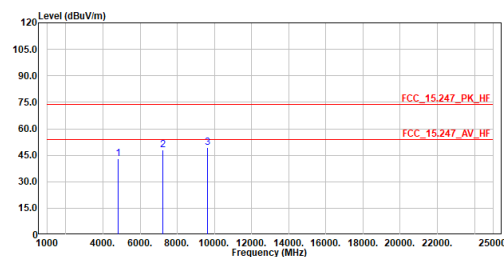


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	43.01	74.00	-30.99	57.76	-14.75	Peak
2	7206.000	47.85	74.00	-26.15	55.84	-7.99	Peak
3	9608.000	49.02	74.00	-24.98	53.58	-4.56	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Vertical
Mode :BLE_2M_2402MHz
Test by :Brook Cheng

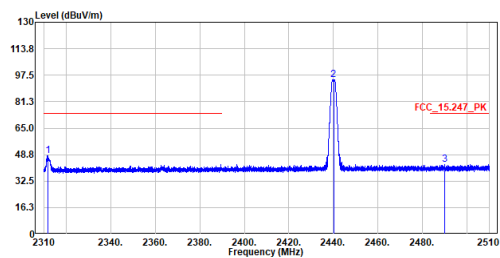


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4804.000	43.02	74.00	-30.98	57.77	-14.75	Peak
2	7206.000	47.79	74.00	-26.21	55.78	-7.99	Peak
3	9608.000	49.30	74.00	-24.70	53.86	-4.56	Peak

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_2440MHz
Test by :Brook Cheng

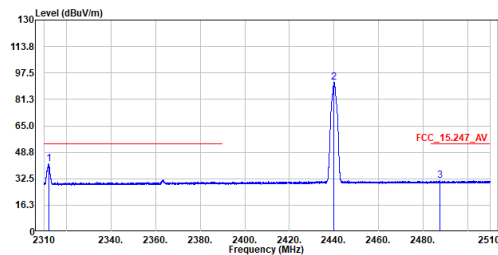


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2311.640	47.95	74.00	-26.05	36.41	11.54	Peak
2	2440.080	94.60	-----	-----	82.42	12.18	Peak
3	2489.900	42.71	74.00	-31.29	30.28	12.43	Peak

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
RB/VB(kHz):1000 / 5
Mode :BLE_2M_2440MHz
Test by :Brook Cheng

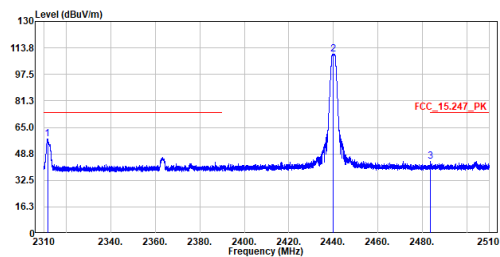


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2311.940	41.49	54.00	-12.51	29.95	11.54	Average
2	2440.060	91.92	-----	-----	79.74	12.18	Average
3	2487.440	31.20	54.00	-22.80	18.78	12.42	Average

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_2440MHz
Test by :Brook Cheng

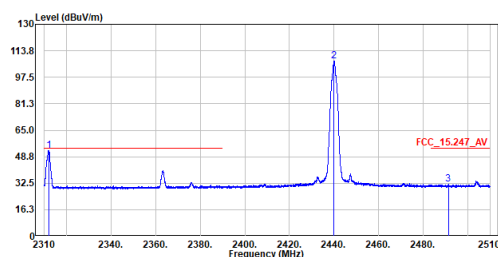


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2311.560	57.92	74.00	-16.08	46.38	11.54	Peak
2	2440.060	110.08	-----	-----	97.90	12.18	Peak
3	2483.660	44.05	74.00	-29.95	31.65	12.40	Peak

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 / 5
Mode :BLE_2M_2440MHz
Test by :Brook Cheng

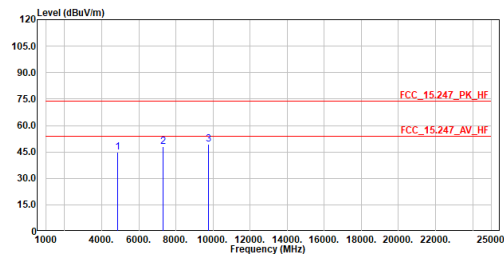


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2312.020	52.64	54.00	-1.36	41.10	11.54	Average
2	2440.040	107.36	-----	-----	95.18	12.18	Average
3	2491.280	31.80	54.00	-22.20	19.37	12.43	Average

Note:

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

Site :HC-CB02
Condition :3m ,Horizontal
Mode :BLE_2M_2440MHz
Test by :Brook Cheng

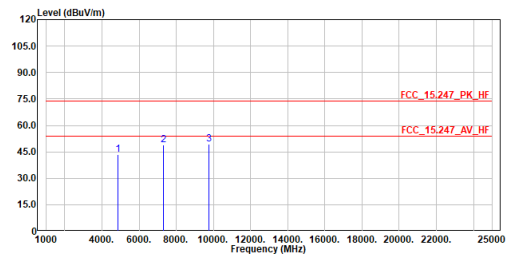


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	44.76	74.00	-29.24	59.22	-14.46	Peak
2	7320.000	48.03	74.00	-25.97	55.89	-7.86	Peak
3	9760.000	49.53	74.00	-24.47	53.78	-4.25	Peak

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_2440MHz
Test by :Brook Cheng

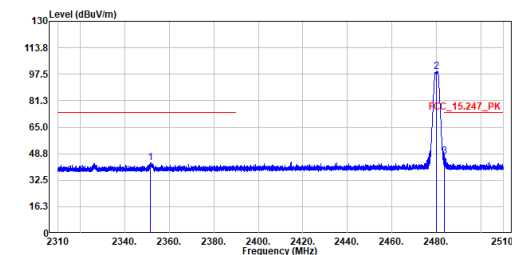


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4880.000	43.34	74.00	-30.66	57.80	-14.46	Peak
2	7320.000	48.76	74.00	-25.24	56.62	-7.86	Peak
3	9760.000	49.32	74.00	-24.68	53.57	-4.25	Peak

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_2480MHz
Test by :Brook Cheng

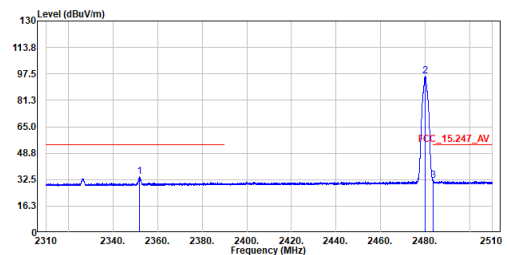


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2351.520	43.21	74.00	-30.79	31.48	11.73	Peak
2	2480.080	99.09	-----	-----	86.71	12.38	Peak
3	2483.640	47.32	74.00	-26.68	34.92	12.40	Peak

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 / 5
Mode :BLE_2M_2480MHz
Test by :Brook Cheng

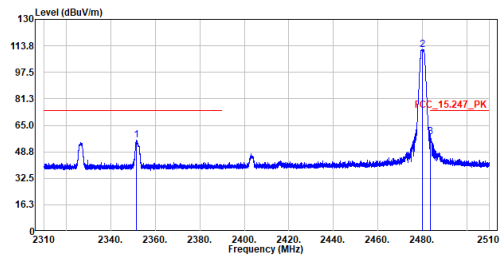


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2351.960	34.18	54.00	-19.82	22.45	11.73	Average
2	2480.040	96.35	-----	-----	83.97	12.38	Average
3	2483.540	31.70	54.00	-22.30	19.30	12.40	Average

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_2480MHz
Test by :Brook Cheng

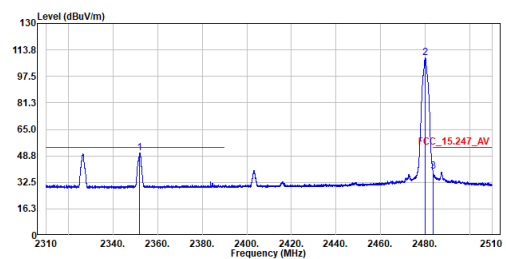


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2351.460	55.89	74.00	-18.11	44.16	11.73	Peak
2	2480.080	111.41	-----	-----	99.03	12.38	Peak
3	2483.680	57.96	74.00	-16.04	45.56	12.40	Peak

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 / 5
Mode :BLE_2M_2480MHz
Test by :Brook Cheng

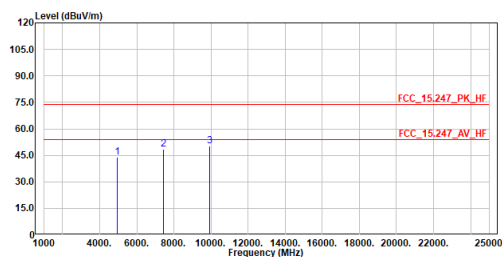


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	2352.000	50.47	54.00	-3.53	38.74	11.73	Average
2	2480.020	108.67	-----	-----	96.29	12.38	Average
3	2483.540	39.17	54.00	-14.83	26.77	12.40	Average

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_2480MHz
Test by :Brook Cheng

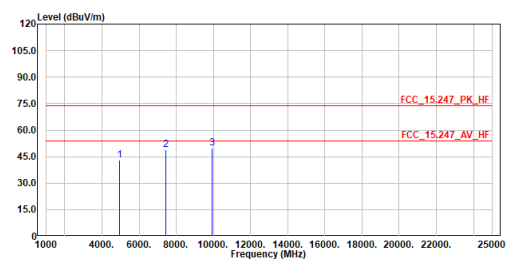


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	44.06	74.00	-29.94	58.20	-14.14	Peak
2	7440.000	48.49	74.00	-25.51	56.22	-7.73	Peak
3	9920.000	50.14	74.00	-23.86	54.06	-3.92	Peak

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_2480MHz
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	4960.000	43.24	74.00	-30.76	57.38	-14.14	Peak
2	7440.000	48.74	74.00	-25.26	56.47	-7.73	Peak
3	9920.000	49.72	74.00	-24.28	53.64	-3.92	Peak

Note:

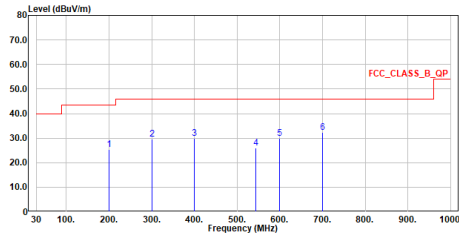
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Appendix G. Test Result of Radiated Emissions Co-location

30 MHz ~ 1 GHz

Test Mode: Mode1

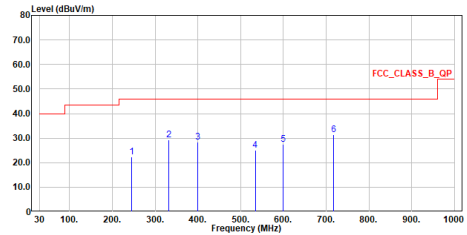
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_WiFi2.4G+BT
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	199.944	25.27	43.50	-18.23	31.28	-6.01	QP
2	301.018	29.66	46.00	-16.34	31.70	-2.04	QP
3	399.958	29.81	46.00	-16.19	29.20	0.61	QP
4	544.488	26.08	46.00	-19.92	22.21	3.87	QP
5	599.972	30.01	46.00	-15.99	24.66	5.35	QP
6	699.979	32.19	46.00	-13.81	25.22	6.97	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_WiFi2.4G+BT
Test by :Brook Cheng

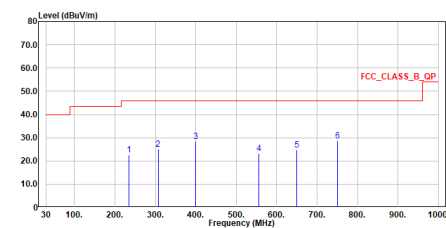


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	244.378	22.32	46.00	-23.68	27.57	-5.25	QP
2	332.543	29.14	46.00	-16.86	31.88	-2.74	QP
3	399.958	28.34	46.00	-17.66	29.60	-1.26	QP
4	534.109	25.03	46.00	-20.97	23.64	1.39	QP
5	600.069	27.44	46.00	-18.56	24.39	3.05	QP
6	717.439	31.52	46.00	-14.48	26.75	4.77	QP

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

Test Mode: Mode2

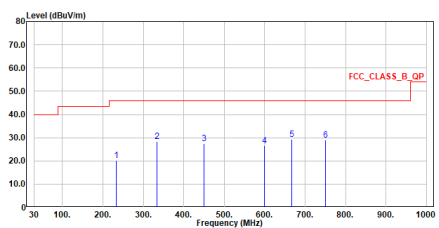
Site :HC-CB02
Condition :3m Horizontal
Mode :LF_WiFi5G+BT
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	234.088	22.63	46.00	-23.37	28.67	-6.04	QP
2	306.644	25.04	46.00	-20.96	28.54	-3.50	QP
3	399.958	28.45	46.00	-17.55	29.71	-1.26	QP
4	555.643	23.31	46.00	-22.69	21.50	1.81	QP
5	650.315	24.67	46.00	-21.33	20.84	3.83	QP
6	749.934	28.58	46.00	-17.42	23.21	5.37	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_WiFi5G+BT
Test by :Brook Cheng

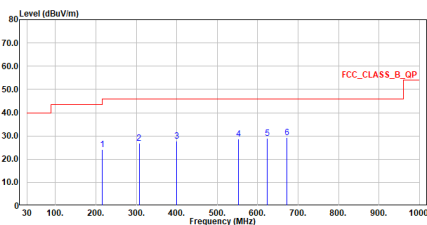


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	
1	232.730	20.16	46.00	-25.84	26.39	-6.23	QP
2	333.319	28.42	46.00	-17.58	31.16	-2.74	QP
3	449.234	27.36	46.00	-18.64	27.18	0.18	QP
4	600.069	26.71	46.00	-19.29	23.66	3.05	QP
5	667.484	29.39	46.00	-16.61	25.35	4.04	QP
6	749.934	28.87	46.00	-17.13	23.50	5.37	QP

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

Test Mode: Mode3

Site :HC-CB02
Condition :3m Horizontal
Mode :LF_WiFi6G+BT
Test by :Brook Cheng

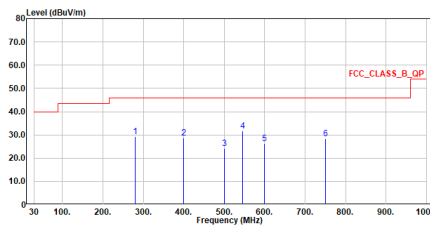


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	215.949	24.07	43.50	-19.43	31.39	-7.32	QP
2	306.644	26.81	46.00	-19.19	30.31	-3.50	QP
3	399.958	27.74	46.00	-18.26	29.00	-1.26	QP
4	551.957	28.66	46.00	-17.34	26.91	1.75	QP
5	624.028	28.85	46.00	-17.15	25.45	3.40	QP
6	672.043	29.36	46.00	-16.64	25.35	4.01	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_WiFi6G+BT
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB	
1	279.484	29.15	46.00	-16.85	33.25	-4.10	QP
2	399.958	28.57	46.00	-17.43	29.83	-1.26	QP
3	499.965	24.19	46.00	-21.81	23.33	0.86	QP
4	545.070	31.67	46.00	-14.33	29.97	1.70	QP
5	599.972	26.38	46.00	-19.62	23.33	3.05	QP
6	749.934	28.48	46.00	-17.52	23.11	5.37	QP

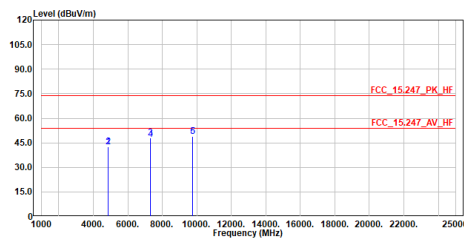
Note:

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

Test Mode: Mode1

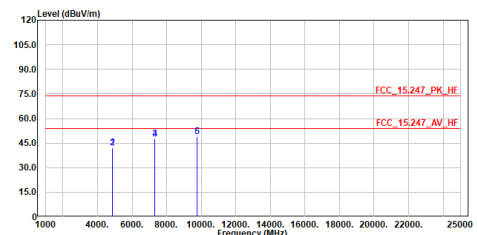
Site :HC-CB02
Condition :3m ,Horizontal
Mode :WiFi12.4G+BT
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4874.000	42.61	74.00	-31.39	57.09	-14.48	Peak
2	4880.000	42.61	74.00	-31.39	57.07	-14.46	Peak
3	7311.000	48.07	74.00	-25.93	55.95	-7.88	Peak
4	7320.000	47.21	74.00	-26.79	55.07	-7.86	Peak
5	9748.000	48.71	74.00	-25.29	52.99	-4.28	Peak
6	9760.000	48.77	74.00	-25.23	53.02	-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 :WiFi12.4G+BT
Test by :Brook Cheng

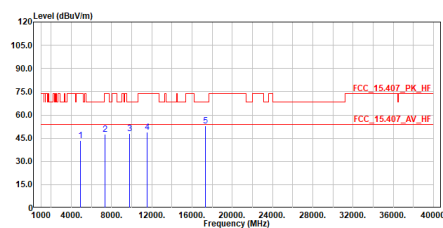


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4874.000	42.29	74.00	-31.71	56.77	-14.48	Peak
2	4880.000	42.29	74.00	-31.71	56.75	-14.46	Peak
3	7311.000	47.42	74.00	-26.58	55.30	-7.86	Peak
4	7320.000	47.42	74.00	-26.58	55.28	-7.86	Peak
5	9748.000	48.72	74.00	-25.28	53.00	-4.28	Peak
6	9760.000	48.72	74.00	-25.28	52.97	-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.

Test Mode: Mode2

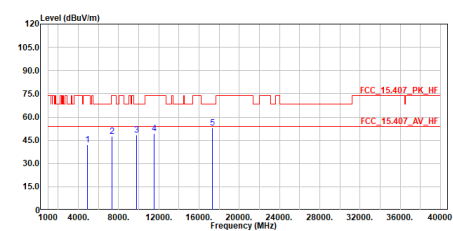
Site :HC-CB02
Condition :3m ,Horizontal
Mode :WiFi15G+BT
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4880.000	43.45	74.00	-30.55	57.91	-14.46	Peak
2	7320.000	47.77	74.00	-26.23	55.63	-7.86	Peak
3	9760.000	48.12	68.20	-20.08	52.37	-4.25	Peak
4	11550.000	48.98	74.00	-25.02	50.69	-1.71	Peak
5	17325.000	53.13	68.20	-15.07	51.53	1.60	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 :WiFi15G+BT
Test by :Brook Cheng



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
1	4880.000	42.09	74.00	-31.91	56.55	-14.46	Peak
2	7320.000	47.61	74.00	-26.39	55.47	-7.86	Peak
3	9760.000	48.39	68.20	-19.81	52.64	-4.25	Peak
4	11550.000	49.46	74.00	-24.54	51.17	-1.71	Peak
5	17325.000	53.17	68.20	-15.03	51.57	1.60	Peak

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

Site :HC-CB02
 Condition :3m ,Horizontal
 Mode :Wifi6G+BT
 Test by :Brook Cheng

No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	43.20	74.00	-30.80	57.66	-14.46	Peak
2	7320.000	45.33	74.00	-28.67	53.19	-7.86	Peak
3	9760.000	48.14	88.22	-40.08	52.39	-4.25	Peak
4	13330.000	51.86	74.00	-22.14	50.93	0.93	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 :Wifi6G+BT
 Test by :Brook Cheng

No.	Frequency MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Factor dB	Remark
1	4880.000	43.41	74.00	-30.59	57.87	-14.46	Peak
2	7320.000	44.20	74.00	-29.80	52.06	-7.86	Peak
3	9760.000	48.08	88.22	-40.14	52.33	-4.25	Peak
4	13330.000	51.21	74.00	-22.79	50.28	0.93	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.