

Test Report No:
2410097R-RFUSV01S-B

TEST REPORT

FCC Rules&Regulations

Product Name	GAMING MOUSE
Brand Name	ASUS
Model No.	P714
FCC ID	OO9P714
Applicant's Name / Address	G.Tech Technology Ltd. No.8, Jinyuan 1st Road, Tangjiawan Town High-tech Zone, Zhuhai, 519085, China
Manufacturer's Name	ASUSTeK COMPUTER INC.
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 April Chen	
Tested by Ivan Chuang	
Approved By Steven Tsai	
Date of Receipt	2023/01/03
Date of Issue	2024/03/11
Report Version	V1.0

INDEX

	page
Competences and Guarantees.....	4
General Conditions.....	4
Revision History.....	5
Summary of Test Result.....	6
1. General Information.....	7
1.1. EUT Description	7
1.2. EUT Information	7
1.3. Testing Location Information	8
1.4. Measurement Uncertainty	9
1.5. 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	15
3.1. Test Setup	15
3.2. Test Limit	15
3.3. Test Procedure	15
3.4. Test Result of AC Power Line Conducted Emission	15
4. 6dB Bandwidth	16
4.1. Test Setup	16
4.2. Test Limit	16
4.3. Test Procedures	16
4.4. Test Result of 6dB Bandwidth	16
5. Maximum Conducted Output Power	17
5.1. Test Setup	17
5.2. Test Limit	17
5.3. Test Procedures	17
5.4. Test Result of Maximum Conducted Output Power	17
6. Power Spectral Density	18
6.1. Test Setup	18
6.2. Test Limit	18
6.3. Test Procedures	18

6.4.	Test Result of Maximum Power Spectral Density	18
7.	Antenna Port Conducted Emission	19
7.1.	Test Setup	19
7.2.	Test Limit	19
7.3.	Test Procedure	19
7.4.	Test Result of Antenna Port Conducted Emission	19
8.	Radiated Emission	20
8.1.	Test Setup	20
8.2.	Test Limit	21
8.3.	Test Procedure	21
8.4.	Test Result of Radiated Emission	21
Appendix A. Test Result of AC Power Line Conducted Emission		
Appendix B. Test Result of 6dB Bandwidth		
Appendix C. Test Result of Maximum Conducted Output Power		
Appendix D. Test Result of Power Spectral Density		
Appendix E. Test Result of Antenna Port Conducted Emission		
Appendix F. Test Result of Radiated 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	2024/03/11

Summary of Test Result

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

1. General Information

1.1. EUT Description

Frequency Range	2400 ~ 2483.5 MHz
Operating Frequency	2402 ~ 2480 MHz
Channel Number	79 Channels
Mode	2.4 GHz Wireless
Type of Modulation	GFSK

Accessories Information		
No.	Equipment Name	Description
1	Polling rate booster	--
2	Type C to Type A Cable	Shielded, 2.1 m

Note: The EUT and accessories (1), (2) include black and white colors, as declared by the manufacturer. The main test is white, which does not affect the test results.

Antenna Information				
Item.	Brand Name	Part No.	Type	Gain (dBi)
1	ShenZhen Longteng Circuit Technology Co.,Ltd	MG714F	PCB Antenna	0.62

Note: 1. The antenna gain as by the manufacturer provided.
2. The antenna of EUT is conforming to FCC 15.203.

1.2. EUT Information

EUT Power Type	From DC 3.7V by Battery / DC 5V by USB
----------------	--

1.3. Testing Location Information

USA	FCC Registration Number: TW0033
Canada	CAB Identifier Number: TW3023 / Company Number: 26930

Site Description	Accredited by TAF
	Accredited Number: 3023

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
	Linkou Laboratory
Address	No.5-22, Ruishukeng Linkou District, New Taipei City, 24451, Taiwan, R.O.C.
Performed Location	No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan, R.O.C.
Phone Number	+886-3-275-7255
Fax Number	+886-3-327-8031

Ambient conditions in the laboratory:

Performed Item	Items	Required	Actual	Test Date
AC Power Line Conducted Emission	Temperature (°C)	10~40°C	25.2 °C	2024/02/02
	Humidity (%RH)	10~90 %	63.1 %	
Radiated Emission	Temperature (°C)	10~40 °C	17.4 °C	2024/01/24~2024/02/01
	Humidity (%RH)	10~90 %	64.2 %	
RF Conducted Emission	Temperature (°C)	10~40°C	23.7°C	2024/02/01
	Humidity (%RH)	10~90 %	61.0 %	

1.4. 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	± 3.50 dB
6dB Bandwidth	± 1580.61 Hz
Maximum Conducted Output Power	Spectrum Analyzer: ± 2.14 dB Power Meter: ± 1.05 dB
Maximum Power Spectral Density	± 2.14 dB
Antenna Port Conducted Emission	± 2.14 dB
Radiated Emission	For Radiated: 9 kHz~30 MHz: ± 3.88 dB 30 MHz~1 GHz: ± 4.42 dB 1 GHz~18 GHz: ± 4.28 dB 18 GHz~40 GHz: ± 3.90 dB For Conducted: ± 2.14 dB

1.5. List of Test Equipment

For Conduction Measurements / HY-SR01

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
V	EMI Test Receiver	R&S	ESR7	101601	2023/06/20	2024/06/19
V	Two-Line V-Network	R&S	ENV216	101306	2023/03/16	2024/03/15
V	Two-Line V-Network	R&S	ENV216	101307	2023/08/17	2024/08/16
V	Coaxial Cable	SUHNER	RG400_BNC	RF001	2024/01/10	2025/01/09

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "V" are used to measure the final test results.
3. Test Software Version: e3 230303 dekra V9.

For Conducted Measurements / HY-SR02

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
V	Spectrum Analyzer	R&S	FSV30	103466	2024/01/05	2025/01/04
V	Peak Power Analyzer	KEYSIGHT	8990B	MY51000539	2023/05/15	2024/05/14
V	Power Sensor	KEYSIGHT	N1923A	MY59240002	2023/05/18	2024/05/17
V	Power Sensor	KEYSIGHT	N1923A	MY59240003	2023/05/18	2024/05/17

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with "V" are used to measure the final test results.
3. Test Software Version: RF Conducted Test Tools R3 V3.0.0.14.

For Radiated Measurements /HY-CB03

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
V	Loop Antenna	AMETEK	HLA6121	49611	2023/02/21	2024/02/20
V	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-0675	2023/08/09	2025/08/08
V	Horn Antenna	Com-Power	AH-840	101100	2023/10/02	2025/10/01
V	Horn Antenna	RF SPIN	DRH18-E	210507A18ES	2023/05/11	2024/05/10
V	Pre-Amplifier	SGH	SGH0301-9	20211007-11	2024/01/10	2025/01/09
V	Pre-Amplifier	SGH	PRAMP118	20200701	2024/01/10	2025/01/09
V	Pre-Amplifier	EMCI	EMC05820SE	980310	2024/01/10	2025/01/09
V	Pre-Amplifier	EMCI	EMC184045SE	980369	2024/01/10	2025/01/09
V	Coaxial Cable	EMCI	EMC102-KM-KM-600	1160314	2024/01/10	2025/01/09
V	Coaxial Cable	EMCI	EMC102-KM-KM-7000	170242	2024/01/10	2025/01/09
V	Filter	MICRO TRONICS	BRM50702	G269	2024/01/05	2025/01/04
V	Filter	MICRO TRONICS	BRM50716	G196	2024/01/05	2025/01/04
V	EMI Test Receiver	R&S	ESR3	102793	2023/12/11	2024/12/10
V	Spectrum Analyzer	R&S	FSV3044	101114	2023/02/16	2024/02/15
V	Coaxial Cable	SGH	SGH18	2021005-1	2024/01/10	2025/01/09
V	Coaxial Cable	SGH	SGH18	202108-4	2024/01/10	2025/01/09
V	Coaxial Cable	SGH	HA800	GD20110223-1	2024/01/10	2025/01/09
V	Coaxial Cable	SGH	HA800	GD20110222-3	2024/01/10	2025/01/09

Note:

1. Bi-Log Antenna and Horn Antenna (AH-840) is calibrated every two years, the other equipments are calibrated every one year.
2. The test instruments marked with "V" are used to measure the final test results.
3. Test Software Version: e3 230303 dekra V9.

2. Test Configuration of EUT

2.1. Test Condition

EUT Operational Condition	
Testing Voltage	DC 5V

2.2. Test Frequency Mode

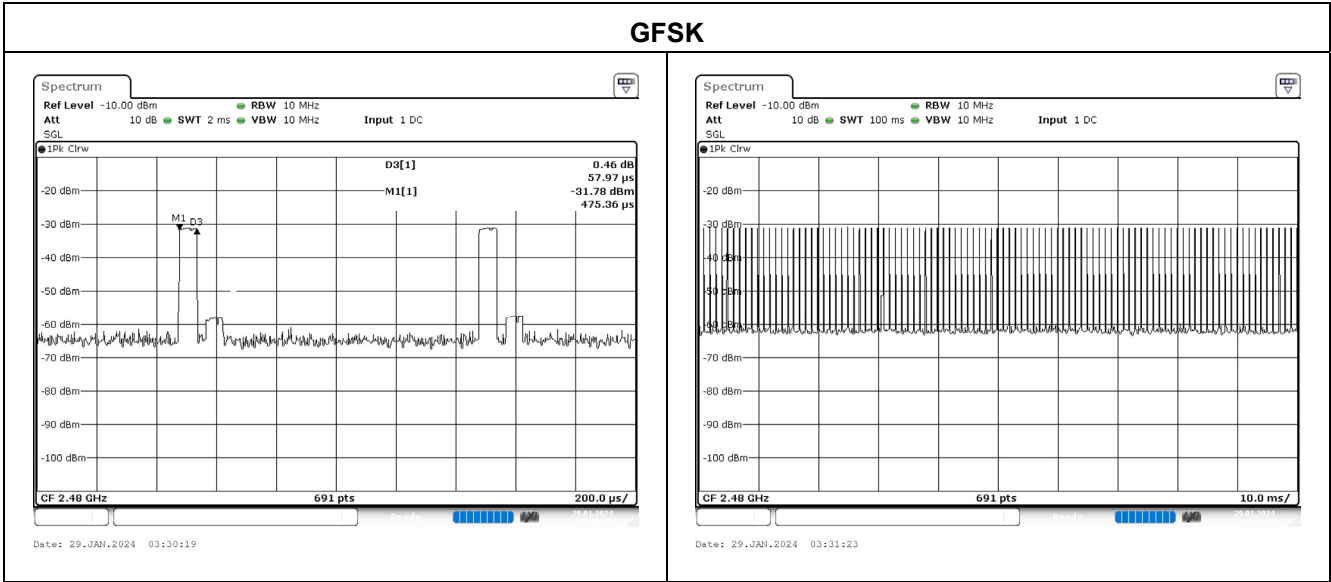
Test Software Version	NRF DTM Version: 2.4.0
-----------------------	------------------------

Modulation	Frequency (MHz)	Power Setting
GFSK	2402	4
	2440	4
	2480	4

2.3. Duty Cycle

Modulation	Time on of 100 ms (ms)	Duty Cycle (Ton/100 ms)	Duty Cycle Correction factor (dB)
GFSK	5.739	0.0573903	-24.823

Note: Duty Cycle correction factor = 20 LOG(Duty Cycle).



2.4. The Worst Case Measurement Configuration

Test Mode	Mode 1	Transmit
-----------	--------	----------

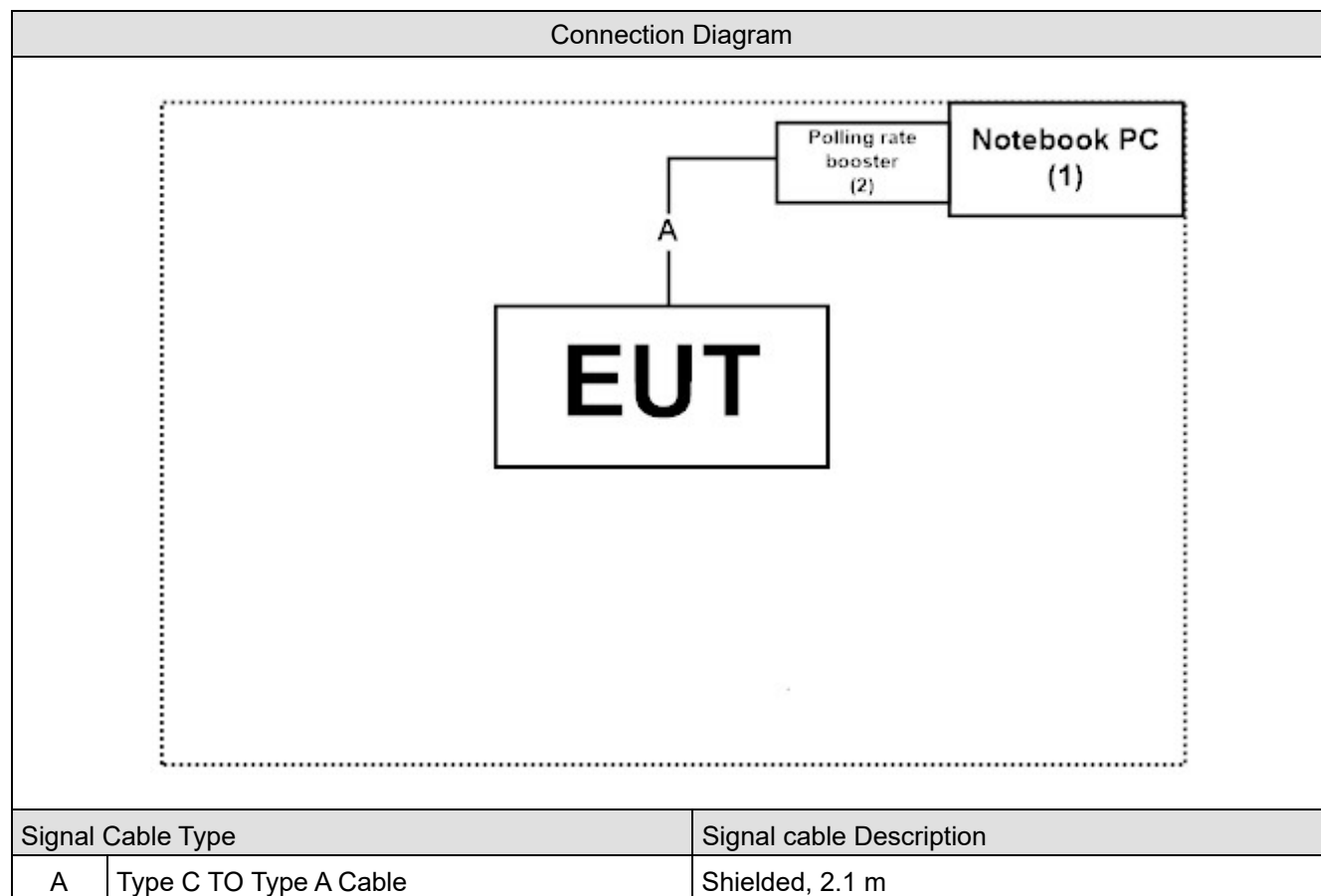
Note:

1. Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. For radiated 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.
3. The EUT was performed at X axis, Y axis and Z axis position for radiated emission and band edge tests. Only the worst case is shown in the report.
4. The spectrum plot against conducted item only shows the worst case.

2.5. Tested System Details

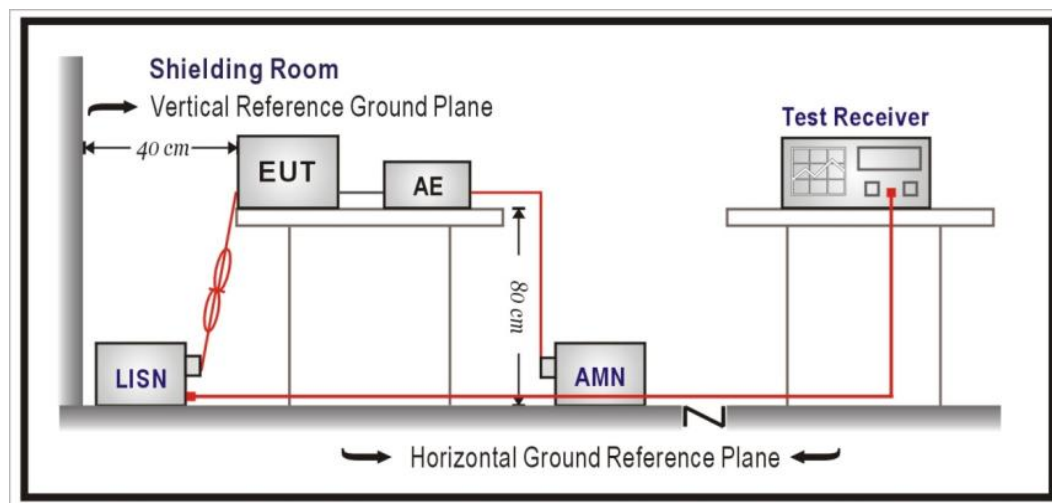
No.	Equipment	Brand Name	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	Latitude 5501	9V4JL13	N/A
2	Polling rate booster	ASUS	AC09	N/A	N/A

2.6. Configuration of Tested System



3. AC Power Line Conducted Emission

3.1. Test Setup



3.2. Test Limit

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

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

3.3. Test Procedure

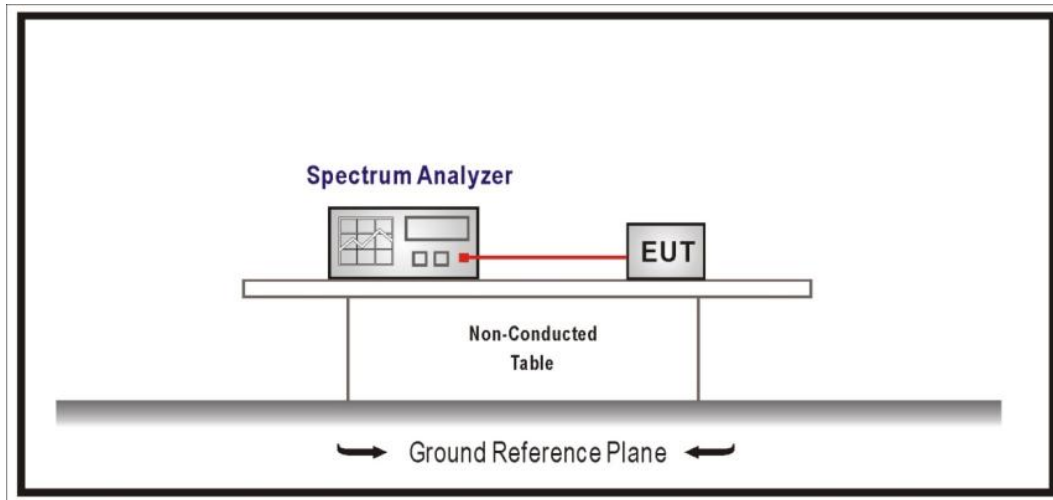
The EUT was setup according to ANSI C63.10: 2013 for AC Power Line Conducted Emissions.

3.4. Test Result of AC Power Line Conducted Emission

Refer as Appendix A

4. 6dB Bandwidth

4.1. Test Setup



4.2. Test Limit

The 6 dB bandwidth: ≥ 500 kHz.

4.3. Test Procedures

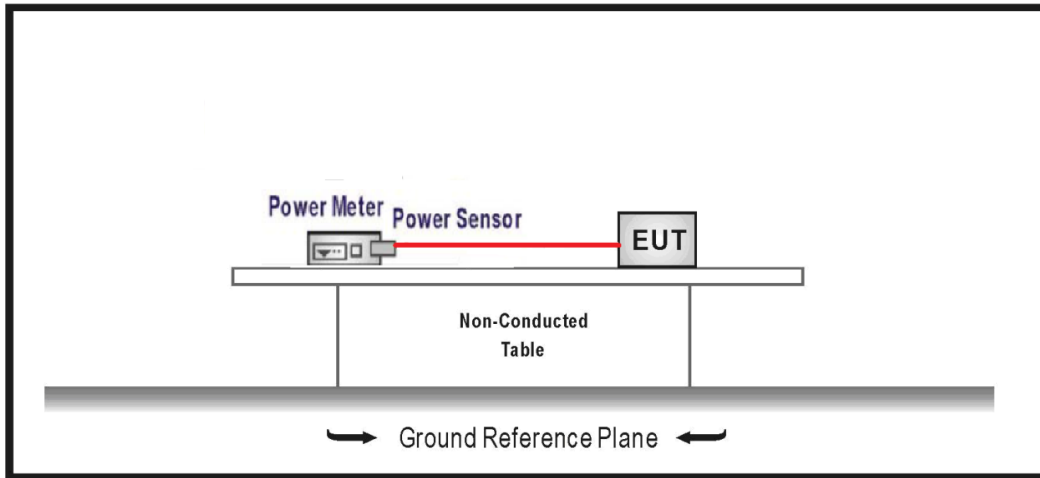
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

4.4. Test Result of 6dB 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

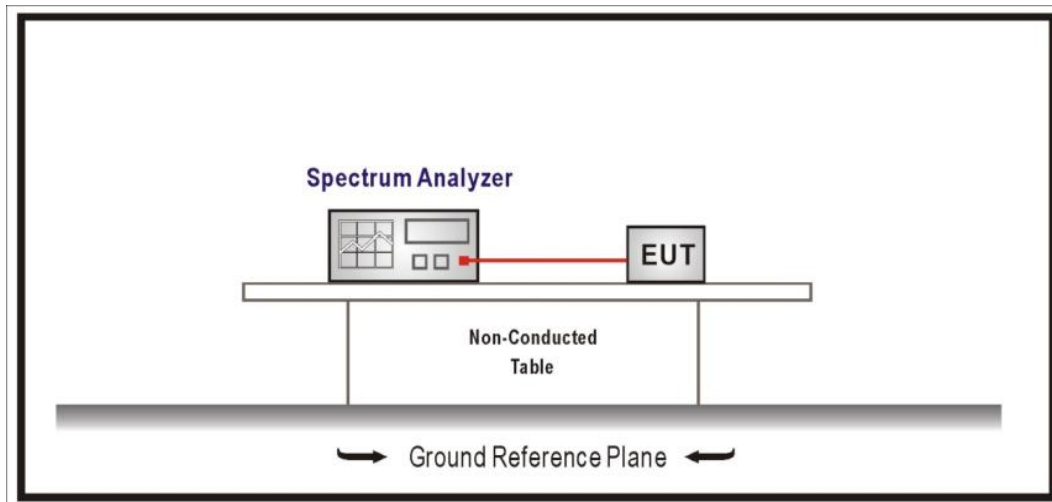
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

5.4. Test Result of Maximum Conducted Output Power

Refer as Appendix C

6. Power Spectral Density

6.1. Test Setup



6.2. Test Limit

The 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

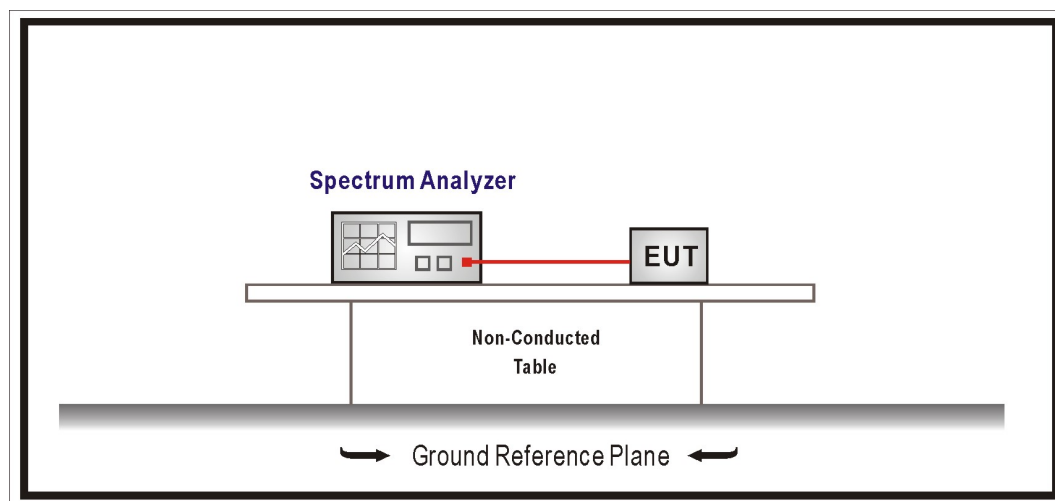
The EUT was setup according to ANSI C63.10: 2013; tested according to DTS test procedure of KDB 558074.

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.

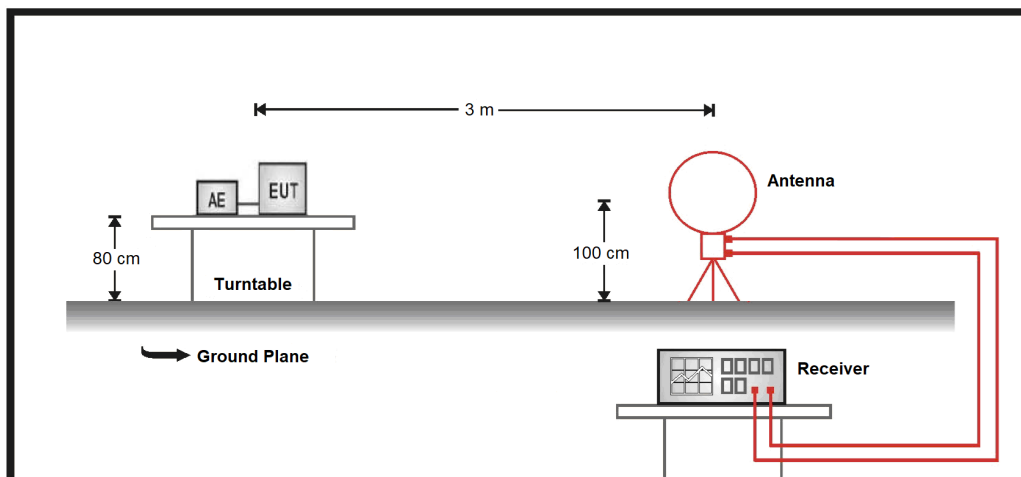
7.4. Test Result of Antenna Port Conducted Emission

Refer as Appendix E

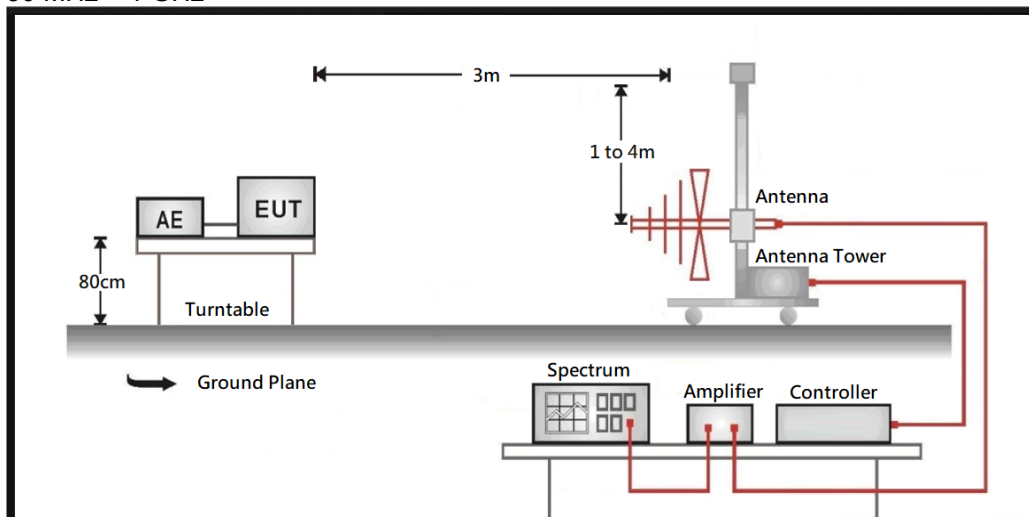
8. Radiated Emission

8.1. Test Setup

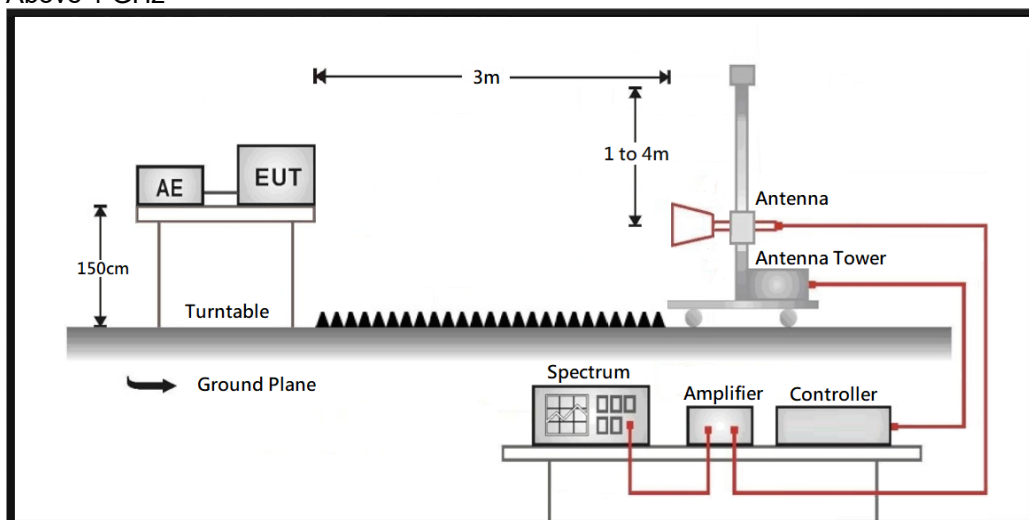
9 kHz ~ 30 MHz



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.

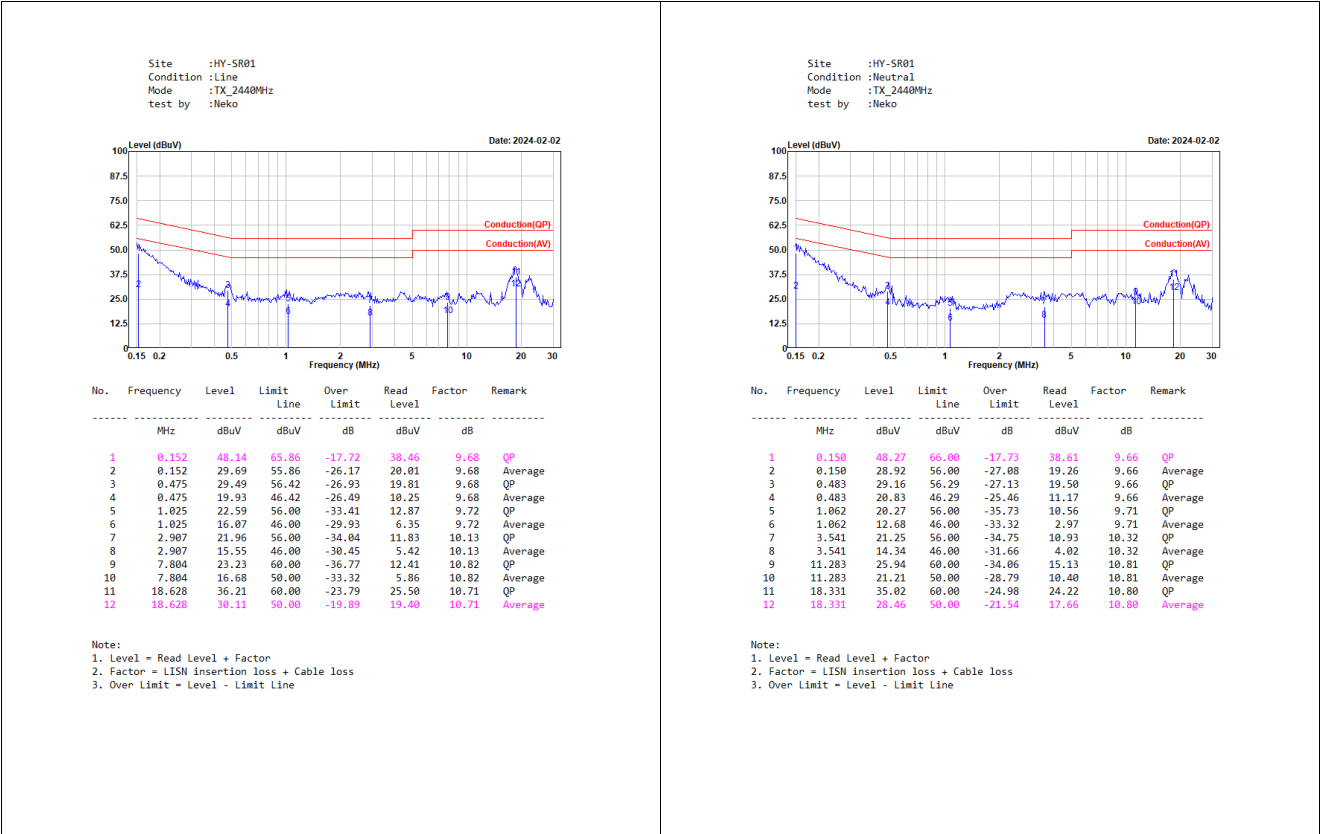
On any frequency or frequencies from 9 kHz(include The the lowest oscillator frequency generated within the device up to the 10th harmonic) to 1000 MHz, the limit shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated 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 Radiated Emission

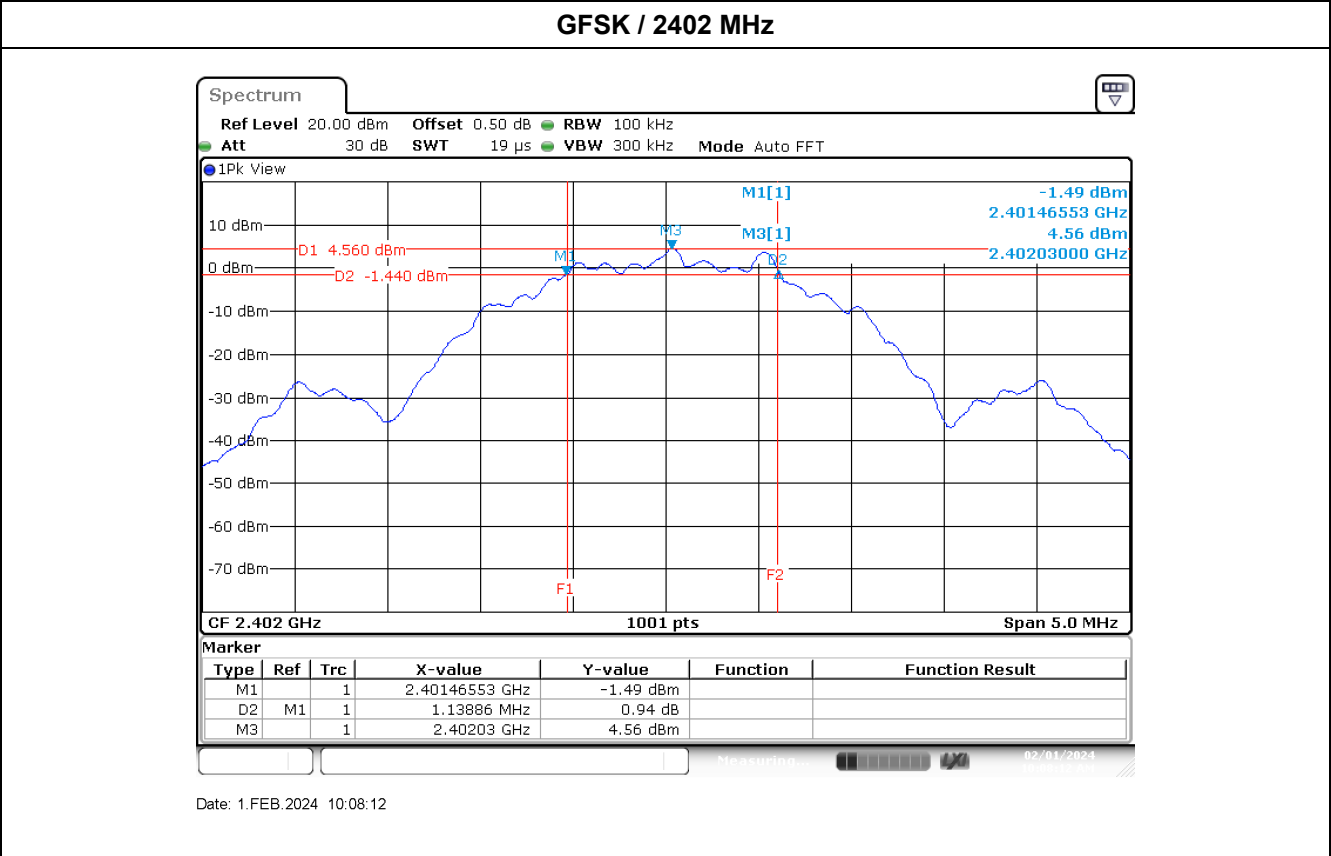
Refer as Appendix F

Appendix A. Test Result of AC Power Line Conducted Emission



Appendix B. Test Result of 6dB Bandwidth

ModulationV	Frequency (MHz)	Measured Value (kHz)	Limit (kHz)	Result
GFSK	2402	1139	>500	Pass
	2440	1139	>500	Pass
	2480	1139	>500	Pass



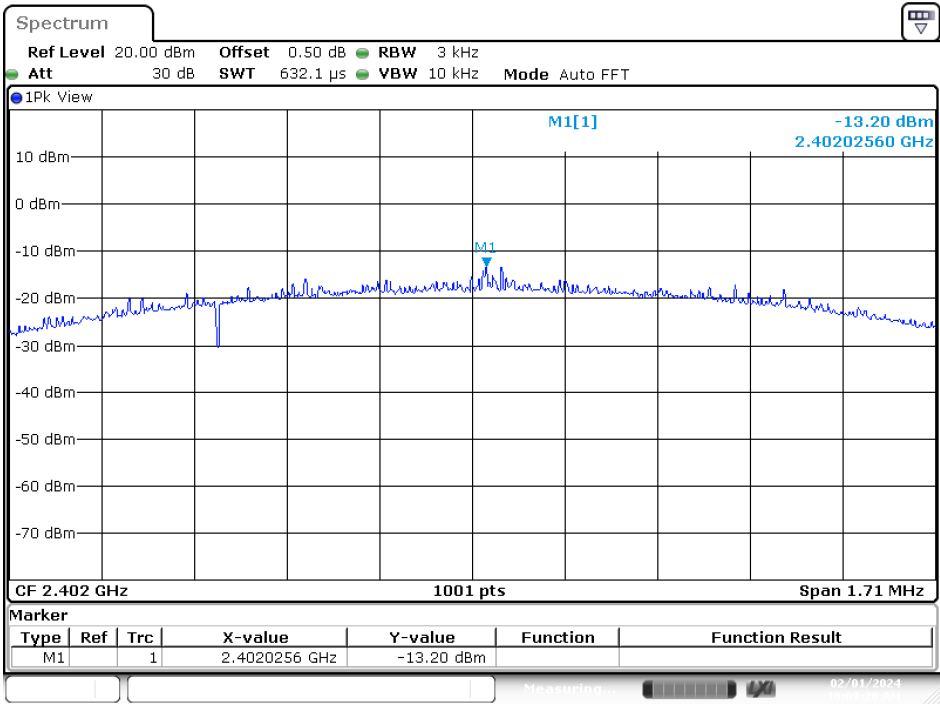
Appendix C. Test Result of Maximum Conducted Output Power

Modulation	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)	Limit (dBm)	Result
GFSK	2402	5.32	30.00	Pass
	2440	4.71	30.00	Pass
	2480	3.93	30.00	Pass

Appendix D. Test Result of Power Spectral Density

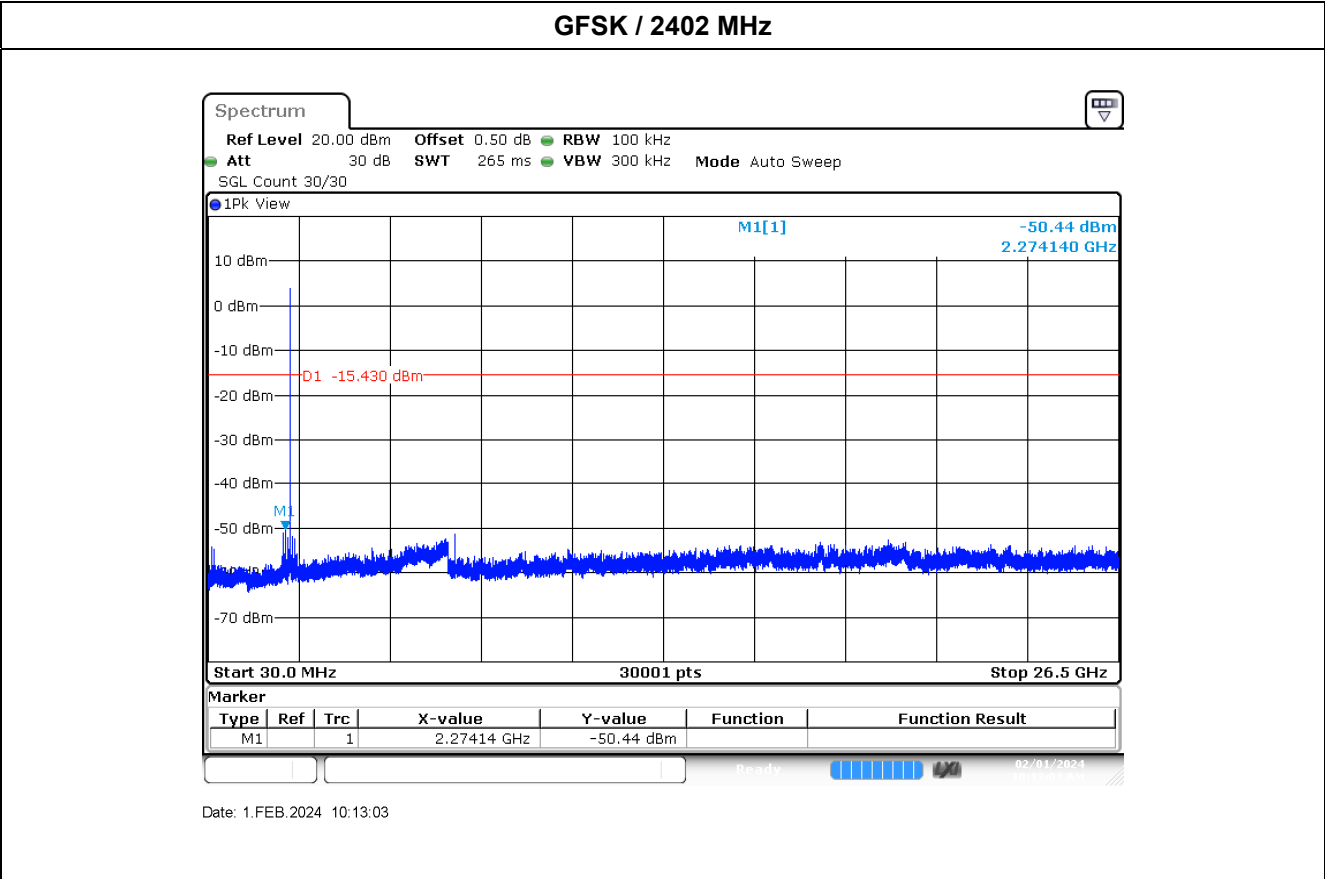
Modulation	Frequency (MHz)	Measured Value (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK	2402	-13.20	8.00	Pass
	2440	-13.71	8.00	Pass
	2480	-14.37	8.00	Pass

GFSK / 2402 MHz



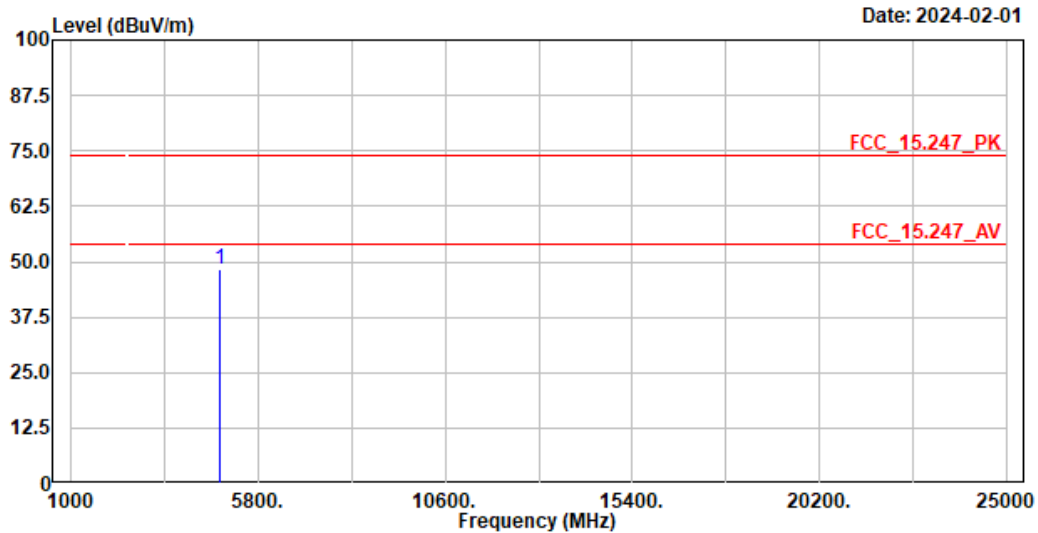
Date: 1.FEB.2024 10:09:20

Appendix E. Test Result of Antenna Port Conducted Emission



Appendix F. Test Result of Radiated Emission

Site :HY-CB03
 Condition :3m HORIZONTAL
 Mode :TX_2402MHz
 Test BY :Ashton

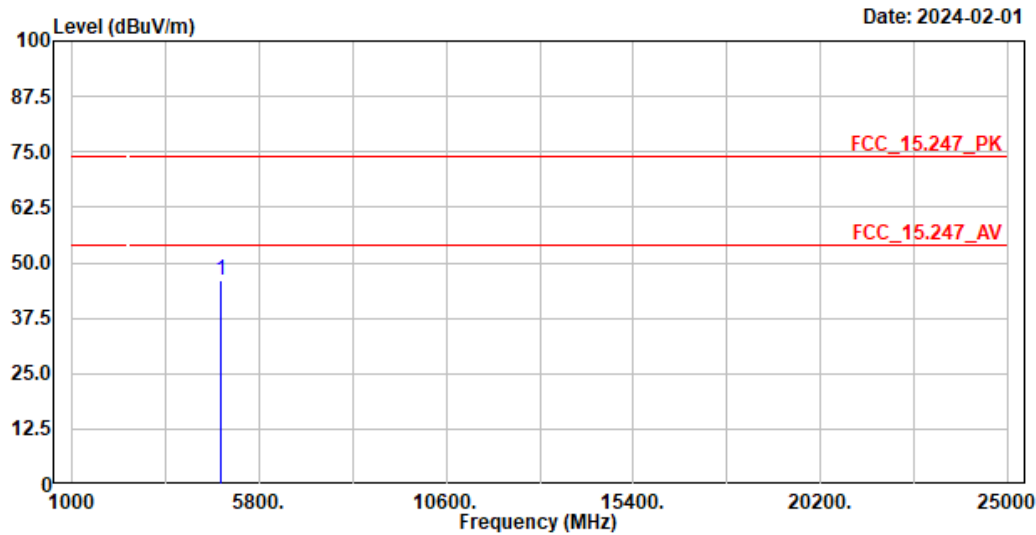


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	48.26	74.00	-25.74	62.38	-14.12	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m VERTICAL
Mode :TX_2402MHz
Test BY :Ashton

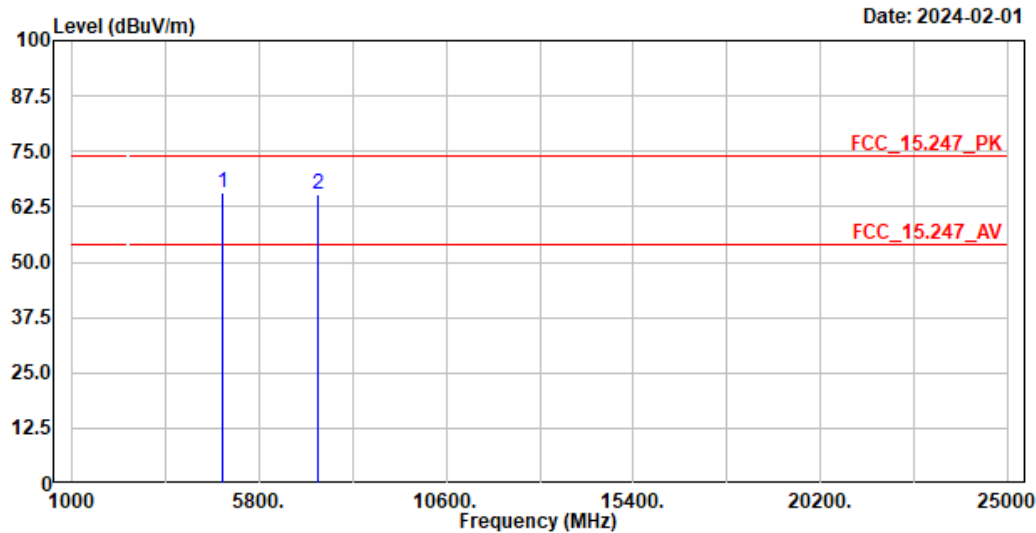


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4804.000	46.09	74.00	-27.91	60.21	-14.12	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Site :HY-CB03
Condition :3m HORIZONTAL
Mode :TX_2440MHz
Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4880.000	65.75	74.00	-8.25	79.41	-13.66	Peak
2	7320.000	65.31	74.00	-8.69	71.72	-6.41	Peak

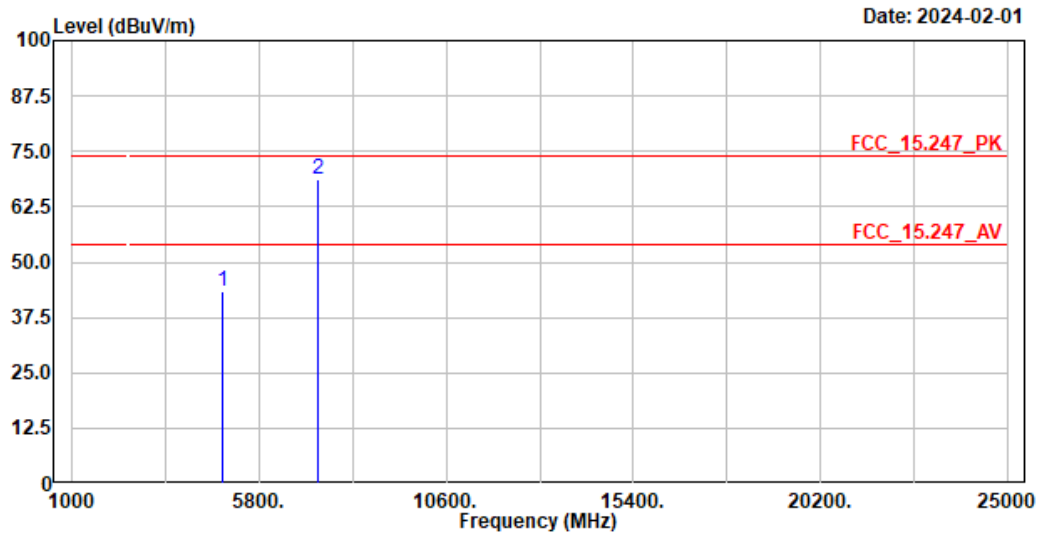
Note:

- 1. Level = Read Level + Factor
- 2. Factor = Antenna Factor + Cable Loss - Preamp Factor
- 3. Over Limit = Level - Limit Line
- 4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
4880	65.75	-24.823	40.927	-13.073	54.000
7320	65.31	-24.823	40.487	-13.513	54.000

Site :HY-CB03
 Condition :3m VERTICAL
 Mode :TX_2440MHz
 Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4880.000	43.50	74.00	-30.50	57.16	-13.66	Peak
2	7320.000	68.74	74.00	-5.26	75.15	-6.41	Peak

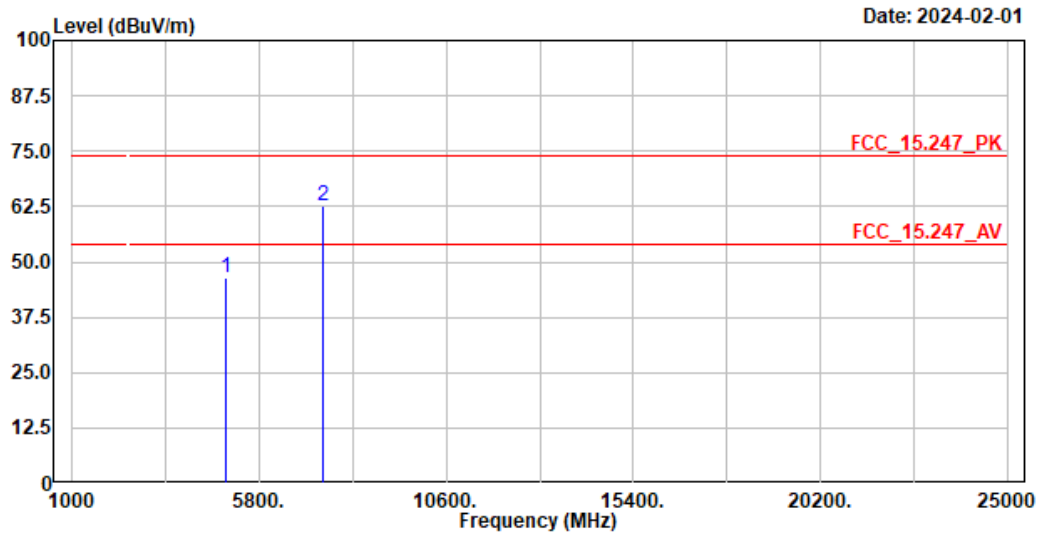
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
7320	68.74	-24.823	43.917	-10.083	54.000

Site :HY-CB03
 Condition :3m HORIZONTAL
 Mode :TX_2480MHz
 Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	46.57	74.00	-27.43	59.72	-13.15	Peak
2	7440.000	62.66	74.00	-11.34	69.07	-6.41	Peak

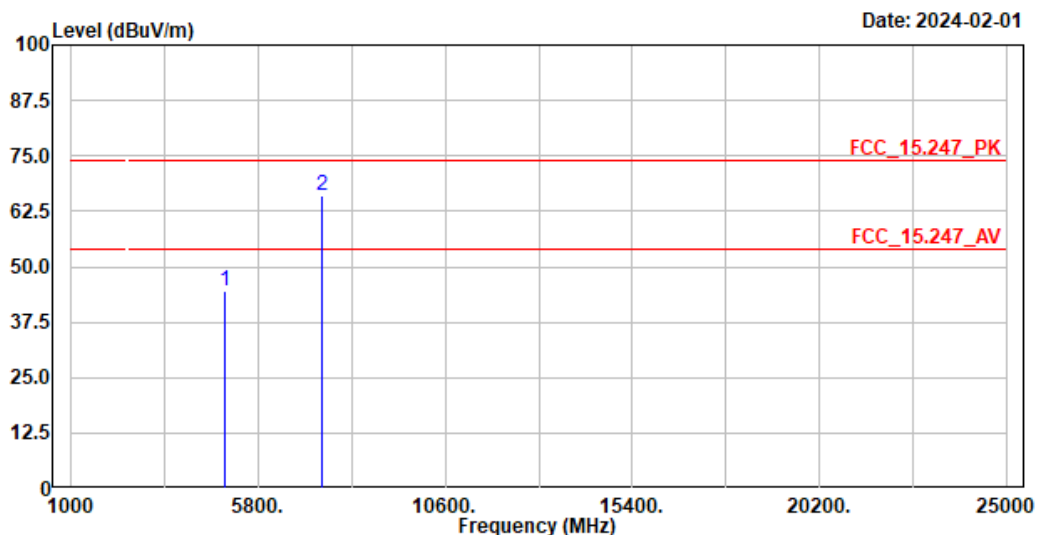
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
7440	62.66	-24.823	37.837	-16.163	54.000

Site :HY-CB03
 Condition :3m VERTICAL
 Mode :TX_2480MHz
 Test BY :Bob



No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	4960.000	44.55	74.00	-29.45	57.70	-13.15	Peak
2	7440.000	66.07	74.00	-7.93	72.48	-6.41	Peak

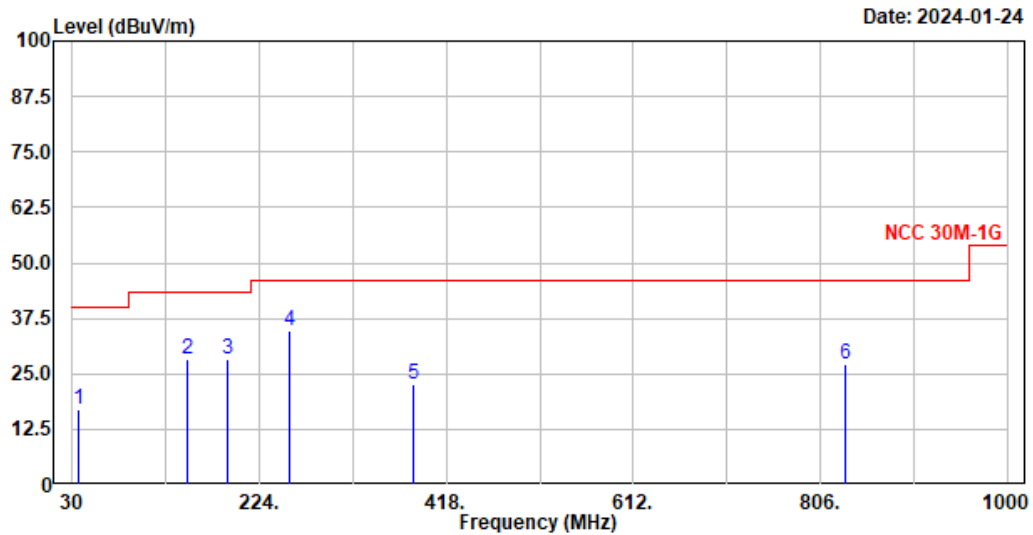
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
7440	66.07	-24.823	41.247	-12.753	54.000

Site :HY-CB03
 Condition :3m ,Horizontal
 Mode :TX_2440MHz
 Test BY :Ashton

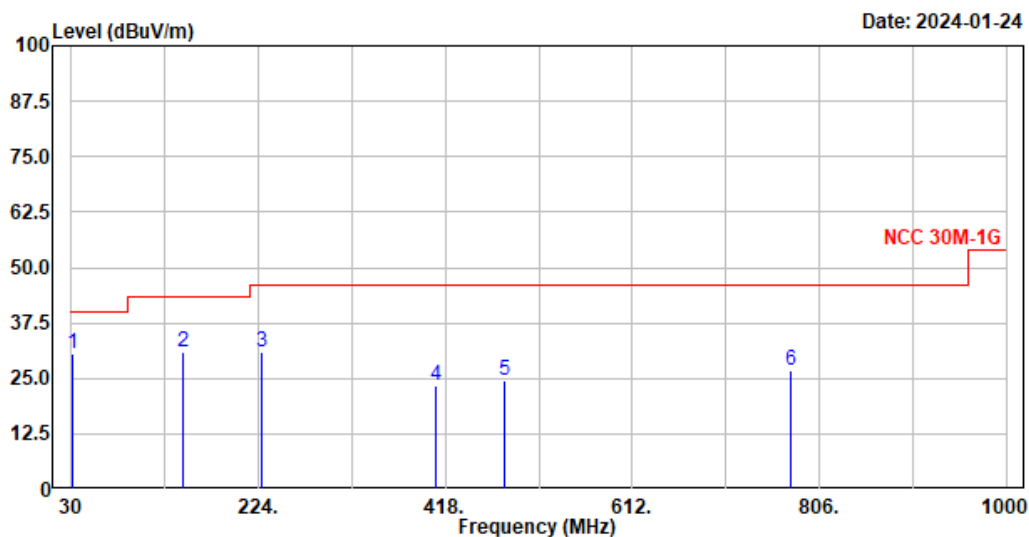


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	36.790	17.11	40.00	-22.89	41.65	-24.54	QP
2	149.310	28.30	43.50	-15.20	52.12	-23.82	QP
3	191.990	28.38	43.50	-15.12	54.78	-26.40	QP
4	256.010	34.53	46.00	-11.47	59.14	-24.61	QP
5	384.050	22.46	46.00	-23.54	42.96	-20.50	QP
6	831.220	27.06	46.00	-18.94	39.26	-12.20	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.

Site :HY-CB03
 Condition :3m ,Vertical
 Mode :TX_2440MHz
 Test BY :Ashton

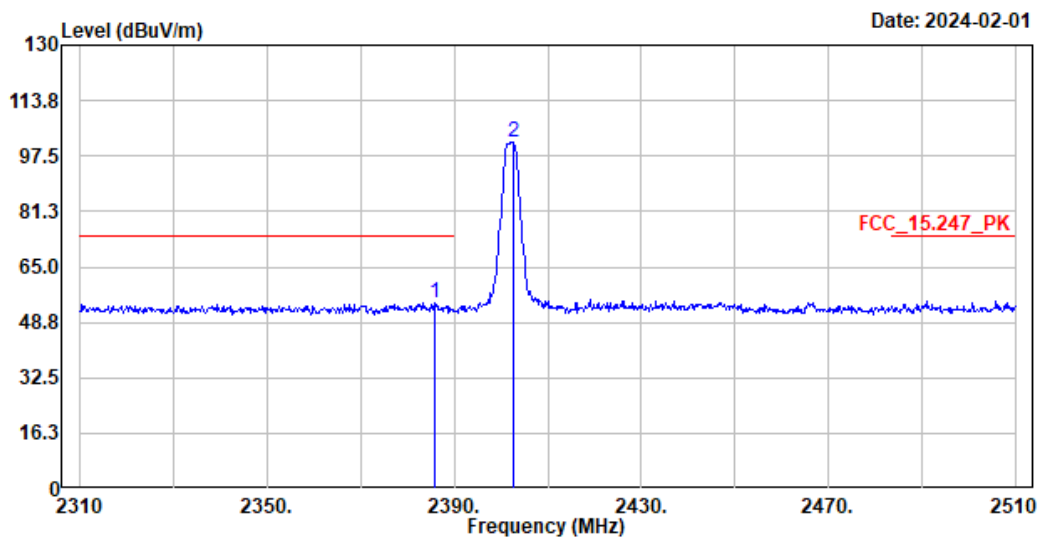


No.	Frequency	Level	Limit Line	Over Limit	Read Level	Factor	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	31.940	30.51	40.00	-9.49	55.39	-24.88	QP
2	146.400	30.99	43.50	-12.51	54.92	-23.93	QP
3	226.910	31.02	46.00	-14.98	56.97	-25.95	QP
4	408.300	23.32	46.00	-22.68	43.24	-19.92	QP
5	479.110	24.40	46.00	-21.60	42.66	-18.26	QP
6	775.930	26.91	46.00	-19.09	39.46	-12.55	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.

Site :HY-CB03
 Condition :3m Horizontal
 Mode :TX_2402MHz
 Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2385.800	54.35	74.00	-19.65	47.39	6.96	Peak
2	2402.600	101.55	-----	-----	94.58	6.97	Peak

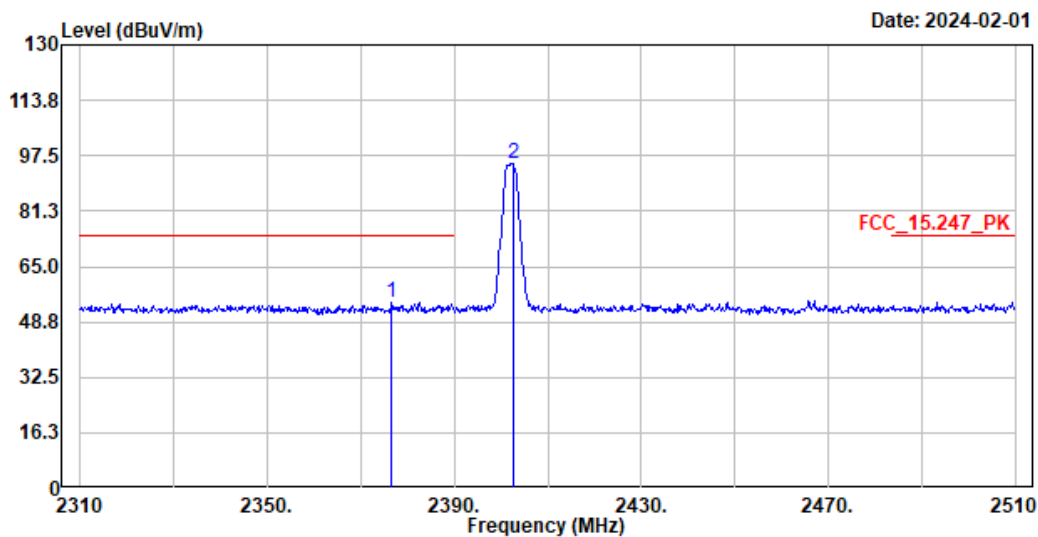
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2385.8	54.35	-24.823	29.527	-24.473	54.000
2402.6	101.55	-24.823	76.727	--	--

Site :HY-CB03
 Condition :3m Vertical
 Mode :TX_2402MHz
 Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2376.600	54.70	74.00	-19.30	47.75	6.95	Peak
2	2402.600	95.11	-----	-----	88.14	6.97	Peak

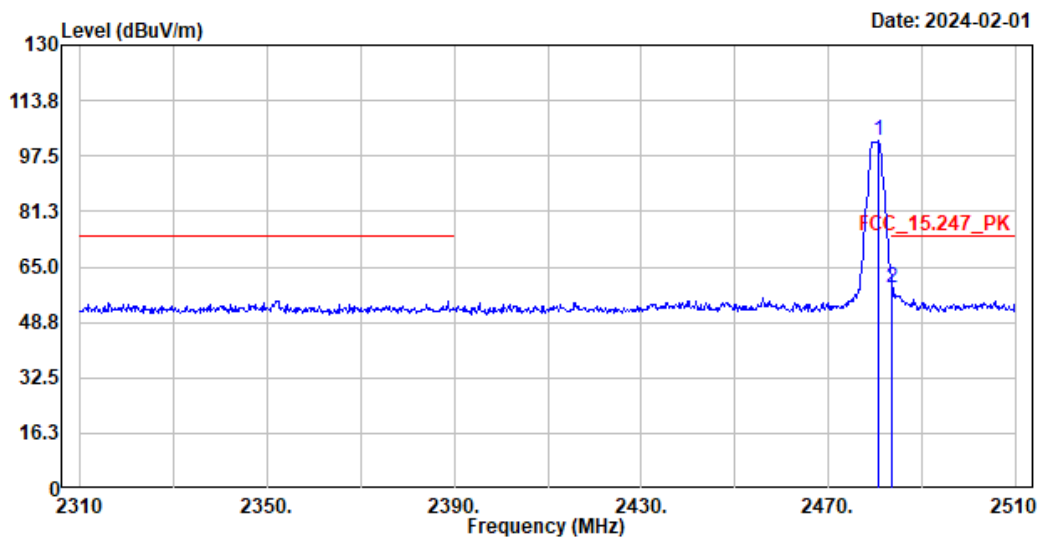
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2376.6	54.70	-24.823	29.877	-24.123	54.000
2402.6	95.11	-24.823	70.287	--	--

Site :HY-CB03
 Condition :3m Horizontal
 Mode :TX_2480MHz
 Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	
1	2480.600	101.84	-----	-----	94.91	6.93	Peak
2	2483.600	59.07	74.00	-14.93	52.14	6.93	Peak

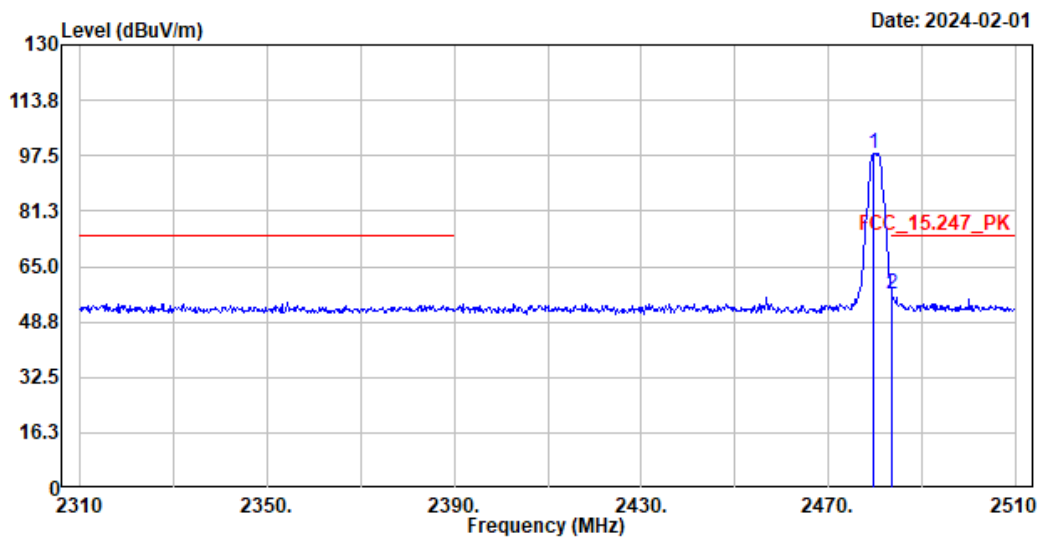
Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Horizontal-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2480.6	101.84	-24.823	77.017	--	--
2483.6	59.07	-24.823	34.247	-19.753	54.000

Site :HY-CB03
 Condition :3m Vertical
 Mode :TX_2480MHz
 Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	Line	Limit	Level		
			dBuV/m	dB	dBuV	dB/m	
1	2479.600	98.04	-----	-----	91.12	6.92	Peak
2	2483.600	56.81	74.00	-17.19	49.88	6.93	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

Vertical-Average Detector:

Frequency (MHz)	Peak Measurement (dBμV/m)	Duty Cycle Factor (dB)	Measurement Level (dBμV/m)	Margin (dB)	Limit (dBμV/m)
2479.6	98.04	-24.823	73.217	--	--
2483.6	56.81	-24.823	31.987	-22.013	54.000

Modulation	Measurement Level Δ (dB)	Result
GFSK	> 20	PASS

