RF MEASUREMENT REPORT

FCC ID:	2BLXQ-001
Applicant:	Xiamen AXENT Corporation Limited.
Product:	Intelligent Toilet
Model No.:	R60-P
Serial Model No.:	R60-S, R60-E
FCC Classification:	Part 15 Low Power Communication Device Transmitter (DXX)
FCC Rule Part(s):	Part 15.249
Result:	Complies
Received Date:	2024-11-08
Test Date:	2025-02-08 ~ 2025-02-25

Reviewed By: Denise Zhou

Approved By: Robin Wu

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.10-2013. Test results reported herein relate only to the item(s) tested.

Revision History

Report No.	Version	Description	Issue Date	Note
2411RSU014-U3	V01	Initial Report	2025-03-06	Valid

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1. General Information

1.1. Applicant

Xiamen AXENT Corporation Limited.

No. 2 East Xiafei Road, Xinyang Street, Haicang District, Xiamen Fujian, 361028 P.R. China

1.2. Manufacturer

Xiamen AXENT Corporation Limited.

No. 2 East Xiafei Road, Xinyang Street, Haicang District, Xiamen Fujian, 361028 P.R. China

1.3. Testing Facility

☒	**Test Site – MRT Suzhou Laboratory**				
	Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China **Laboratory Location (Suzhou - SIP)** 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China **Laboratory Location (Suzhou - Wujiang)** Building 1, No.1 Xingdong Road, Wujiang, Suzhou, Jiangsu, People's Republic of China				
	A2LA: 3628.01		CNAS: L10551		
	FCC: CN1166		ISED: CN0001		
	VCCI:	☐R-20025	☐G-20034	☐C-20020	☐T-20020
		☐R-20141	☐G-20134	☐C-20103	☐T-20104
☐	**Test Site – MRT Shenzhen Laboratory**				
	Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China				
	Laboratory Accreditations				
	A2LA: 3628.02		CNAS: L10551		
	FCC: CN1284		ISED: CN0105		
☐	**Test Site – MRT Taiwan Laboratory**				
	Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)				
	Laboratory Accreditations				
	TAF: 3261				
	FCC: 291082, TW3261		ISED: TW3261		

1.4. Product Information

Product	Intelligent Toilet
Model No.	R60-P
Serial Model No.	R60-S, R60-E
EUT Identification No.	20241108Sample#05
Bluetooth Specification	V5.0, BLE Only (BLE 1M)
Radar Specification	FMCW Modulation (24.00 ~ 24.25GHz) FSK Modulation (24.09 ~ 24.22GHz)
Antenna Information	Refer to section 1.5
Operating Temperature	4~40°C
Power Type	AC 120V, 60Hz
Notes: 1. The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer. 2. Compared to the R60-P, the R60-S lacks the Deodorizing and Temperature Display functions. The R60-E, in addition to missing these functions, also lacks the Auto Opening and Closing Seat and Lid function. The R60-P was selected for testing.	

1.5. Radio Specification

FMCW Modulation	
Working Frequency Range	24.00 ~ 24.25GHz
Antenna Type	Integrated Antenna
Antenna Gain	12.0dBi
FSK Modulation	
Working Frequency Range	24.09 ~ 24.22GHz
Antenna Type	Integrated Antenna
Antenna Gain	12.0dBi

2. Test Configuration

2.1. Test Mode

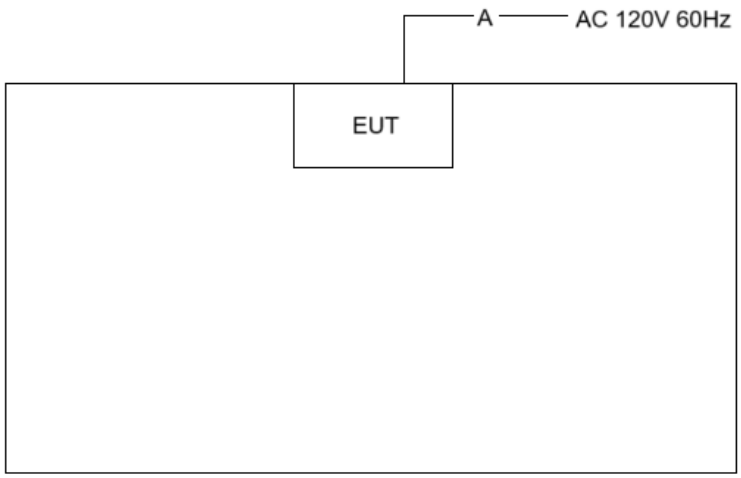
Mode 1: Transmitter (Tx) and Receiver (Rx) Work Simultaneously at 24GHz (FMCW Modulation)
Mode 2: Transmitter (Tx) and Receiver (Rx) Work Simultaneously at 24GHz (FSK Modulation)

Note: The test sample was provided by the manufacturer, which was configured into Collocated T_X/R_X mode after power on.

2.2. Test System Connection Diagram

The device was tested per the guidance ANSI C63.10: 2013 was used to reference the appropriate EUT setup for radiated emissions testing and AC line conducted testing.

Connection Diagram – Radiated Emission testing and AC Conducted testing



Cable Type		Cable Description	Length
A	Power Cable	Non-shielded	1.2m

2.3. Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15.249
- ANSI C63.10-2013

2.4. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20 ~ 75%RH

3. Antenna Requirements

Excerpt from §15.203 of the FCC Rules/Regulations:

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.”

- The antenna of the device is **permanently attached.**
- There are no provisions for connection to an external antenna.

Conclusion:

This unit complies with the requirement of §15.203.

4. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06598	1 year	2025-11-03	SIP-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06602	1 year	2025-10-08	SIP-AC2/ SIP-AC3
Signal Analyzer	Keysight	N9010B	MRTSUE06603	1 year	2025-09-05	SIP-AC2
Thermohygrometer	testo	608-H1	MRTSUE06622	1 year	2025-10-29	SIP-AC2
Anechoic Chamber	RIKEN	SIP-AC2	MRTSUE06781	1 year	2025-12-19	SIP-AC2
EMI Test Receiver	R&S	ESR3	MRTSUE06185	1 year	2025-12-05	SIP-AC3
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06599	1 year	2025-09-08	SIP-AC3
Horn Antenna	R&S	HF907	MRTSUE06611	1 year	2025-07-07	SIP-AC3
Thermohygrometer	testo	608-H1	MRTSUE06619	1 year	2025-10-16	SIP-AC3
Preamplifier	EMCI	EMC012645SE	MRTSUE06642	1 year	2026-01-05	SIP-AC3
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06646	1 year	2025-07-29	SIP-AC3
Anechoic Chamber	RIKEN	SIP-AC3	MRTSUE06782	1 year	2025-12-19	SIP-AC3
Active Loop Antenna	Schwarzbeck	FMZB 1519-60 D	MRTSUE07075	1 year	2025-11-19	SIP-AC3
Waveguide Harmonic Mixer	Keysight	M1970V	MRTSUE06271	3 years	2025-09-22	SIP-AC3
Waveguide Harmonic Mixer	Keysight	M1970W	MRTSUE06272	3 years	2025-09-29	SIP-AC3
mmWave Antenna	MI-WWAVE	261U-25/383	MRTSUE06273	N/A	N/A	SIP-AC3
mmWave Antenna	A-INFO	LB-15-25-A	MRTSUE06409	N/A	N/A	SIP-AC3
mmWave Antenna	A-INFO	LB-10-25-A	MRTSUE06410	N/A	N/A	SIP-AC3
Signal Analyzer	Keysight	N9030B	MRTSUE06395	1 year	2025-06-21	SIP-AC3
Two-Line V-Network	R&S	ENV216	MRTSUE06003	1 year	2025-05-08	SIP-SR2
EMI Test Receiver	R&S	ESR3	MRTSUE06612	1 year	2025-05-08	SIP-SR2
Thermohygrometer	testo	608-H1	MRTSUE06621	1 year	2025-10-29	SIP-SR2
Shielding Room	MIX-BEP	SIP-SR2	MRTSUE06949	5 years	2029-10-13	SIP-SR2

Note 1: Standard gain horns need not be periodically calibrated. Antenna appearance and connector were checked and no damage.

Software	Version	Function
e3	230711	EMI Test Software
Controller_MF 7802BS	1.02	RE Antenna & turntable

5. Decision Rules and Measurement Uncertainty

5.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

AC Conducted Emission Measurement
The maximum measurement uncertainty is evaluated as: 9kHz~150kHz: 3.58dB 150kHz~30MHz: 3.20dB
Radiated Emission Measurement
Measurement Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): Coaxial: 9kHz~30MHz: 2.61dB Coplanar: 9kHz~30MHz: 2.62dB Horizontal: 30MHz~200MHz: 3.79dB 200MHz~1GHz: 3.91dB 1GHz~40GHz: 4.99dB 40GHz~50GHz: 3.96dB 50GHz~75GHz: 4.01dB 75GHz~110GHz: 3.99dB Vertical: 30MHz~200MHz: 4.06dB 200MHz~1GHz: 5.21dB 1GHz~40GHz: 4.90dB 40GHz~50GHz: 3.86dB 50GHz~75GHz: 3.89dB 75GHz~110GHz: 3.87dB

6. Test Result

6.1. Summary

FCC Part Section(s)	Test Description	Test Condition	Verdict
15.207	AC Conducted Emissions 150kHz - 30MHz	Line Conducted	Pass
15.209 15.249	General Field Strength Limits (Restricted Bands and Radiated Emission Limits)	Radiated	Pass
15.215(c)	20dB Spectrum Bandwidth	Radiated	Pass

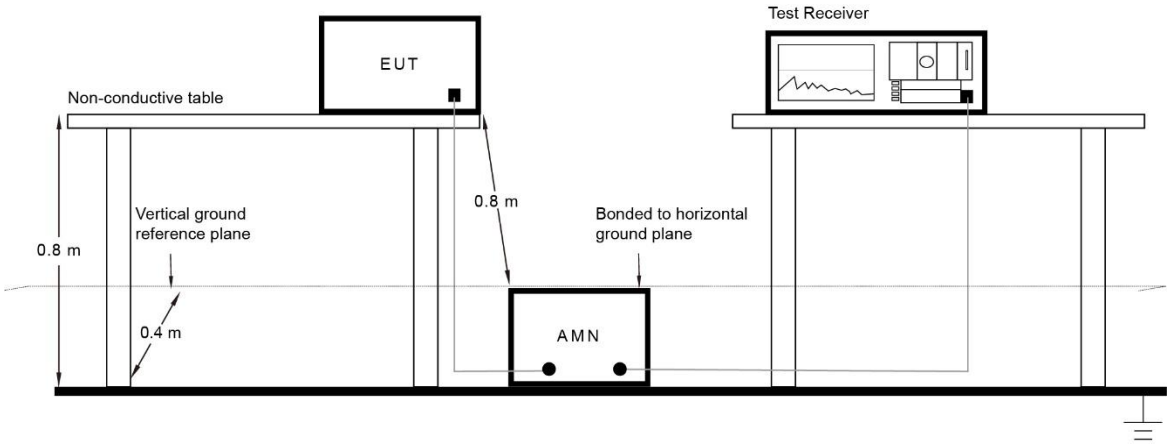
Note: The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.

6.2. AC Conducted Emissions Measurement

6.2.1.Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dBμV)	Average (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

6.2.2.Test Setup



6.2.3.Test Result

Refer to Appendix A.1.

6.3. Radiated Emission

6.3.1.Test Limit

FCC Part 15 Subpart C Paragraph 15.249		
Fundamental Frequency (MHz)	Field Strength of Fundamental (mV/m)	Field Strength of Harmonics (μV/m)
902 ~ 928	50	500
2400 ~ 2483.5	50	500
5725 ~ 5875	50	500
24000 ~ 24250	250	2500
Note: FCC Part 15.249 (d), Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.		

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3
Note 1: The lower limit shall apply at the transition frequency. Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system. Note 3: E field strength (dBμV/m) = 20 log E field strength (μV/m).		

6.3.2.Test Procedure

ANSI C63.10-2013 Section 6.3

ANSI C63.10-2013 Section 6.4

ANSI C63.10-2013 Section 6.5

ANSI C63.10-2013 Section 6.6

ANSI C63.10-2013 Section 9.12

Note: Far-field boundary calculation as below.

According to ANSI C63.10-2013, Clause 9, All measurements shall be made in the far-field of the measurement antenna. The far-field boundary for mm-wave antennas is $2D^2/\lambda$.

- For spurious and harmonic emissions testing, D is the largest antenna dimension of the measurement antenna in m;

  For fundamental or out-of-band emissions, D is the largest antenna dimension of the EUT antenna or measurement antenna, whichever is largest.
- λ is the wavelength in m.

Far-field boundary calculation			
Frequency Range (GHz)	λ (m)	D (m)	$R_{(Far\ Field)}$ (m)
24.00 ~ 24.25	0.012	0.096	1.536
40.00 ~ 50.00	0.006	0.046	0.705
50.00 ~ 75.00	0.004	0.036	0.648
75.00 ~ 100.00	0.0027	0.026	0.501

For 24.00 ~ 24.25GHz, The measurement is performed at a minimum distance of 3.0m > $R_{(Far\ Field)}$.

For 40.00 ~ 50.00GHz, The measurement is performed at a minimum distance of 1.0m > $R_{(Far\ Field)}$.

For 50.00 ~ 100.00GHz, The measurement is performed at a minimum distance of 0.7m > $R_{(Far\ Field)}$.

6.3.3.Test Setting

Measurement of harmonic and spurious emissions above 40 GHz

1. Connect the test antenna covering the appropriate frequency range to a spectrum analyzer via an external mixer.

2. Set spectrum analyzer RBW = 1MHz, VBW = 3MHz, peak & average detector.

3. Maximize all observed emissions. Note the maximum power indicated on the spectrum analyzer. Adjust this reading, if necessary, by the conversion loss of the external mixer used at the frequency under investigation and the external mixer IF cable loss.

4. Calculate the maximum field strength of the emission at the measurement distance.

5. Calculate the power density at the distance specified by the limit from the field strength at the distance specified by the limit.

6. Repeat the preceding sequence for every emission observed in the frequency band under investigation.

Measurement of harmonic and spurious emissions below 40 GHz

Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = as specified in Table 1
3. VBW = 3 x RBW
4. Detector = Peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Table 1 - RBW as a function of frequency

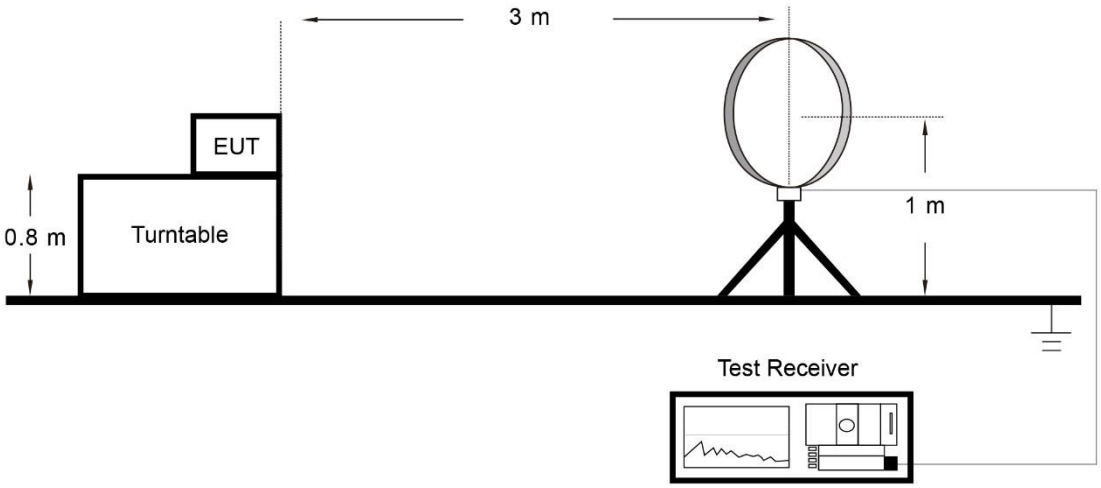
Frequency	RBW
9 ~ 150 kHz	200 Hz
0.15 ~ 30 MHz	9 kHz
30 ~ 1000 MHz	120 kHz
> 1000 MHz	1 MHz

Average Field Strength Measurements

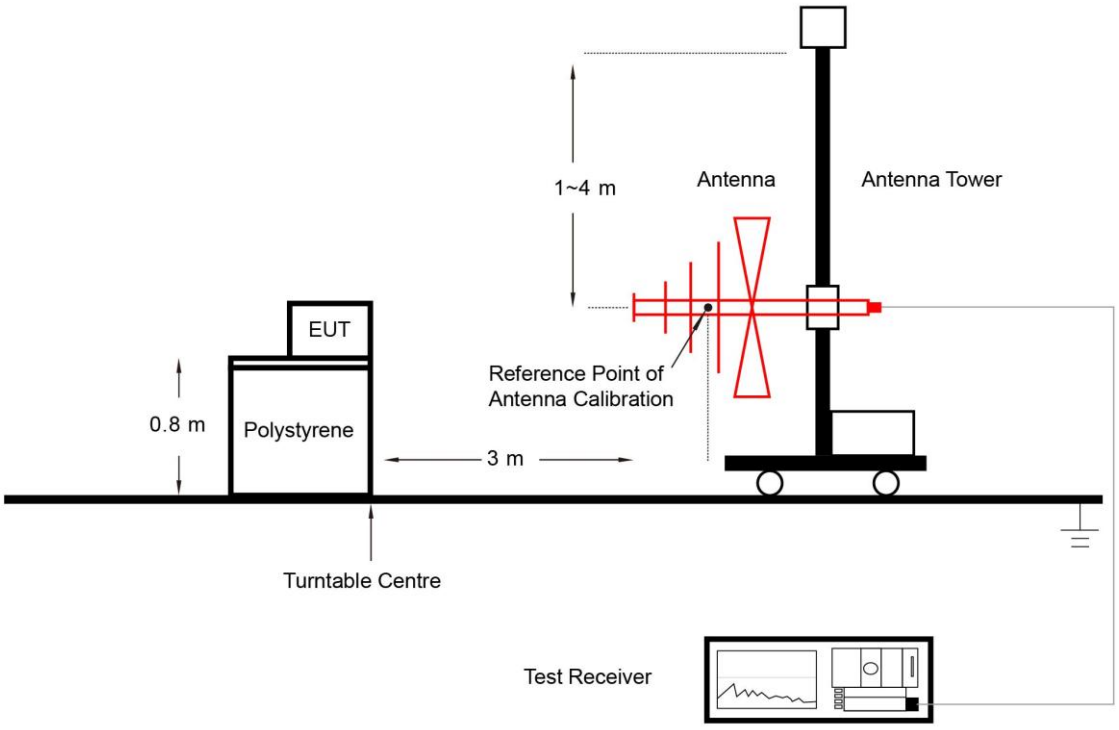
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. Set the VBW ≥ 3 × RBW
4. Detector function = Average
5. Sweep time = auto couple
6. Trace mode = Max Hold
7. Allow max hold to run for suitable traces until the trace tend to stabilize.

6.3.4.Test Setup

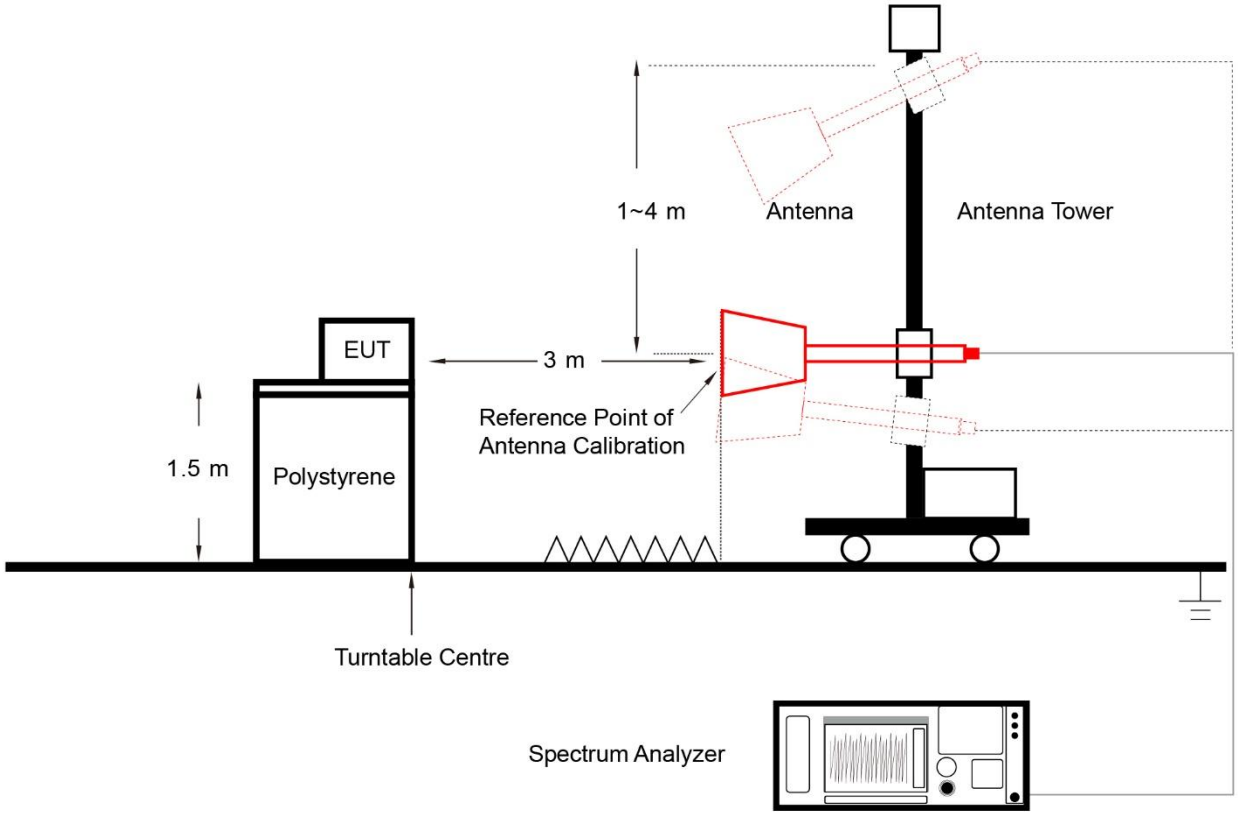
Below 30MHz Test Setup:



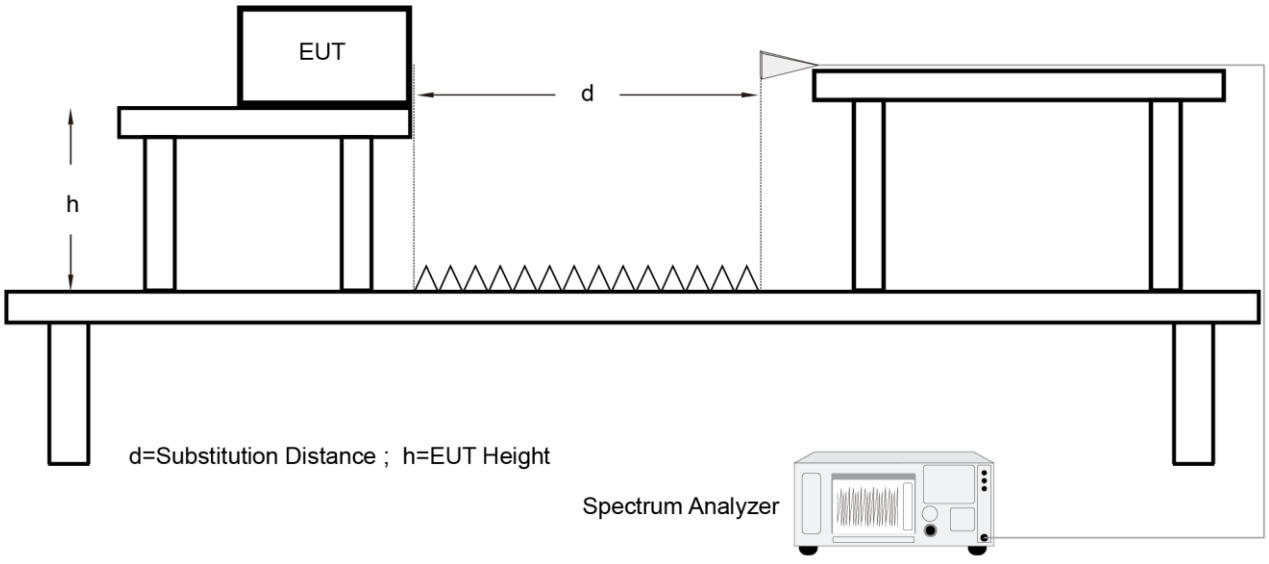
Below 1GHz Test Setup:



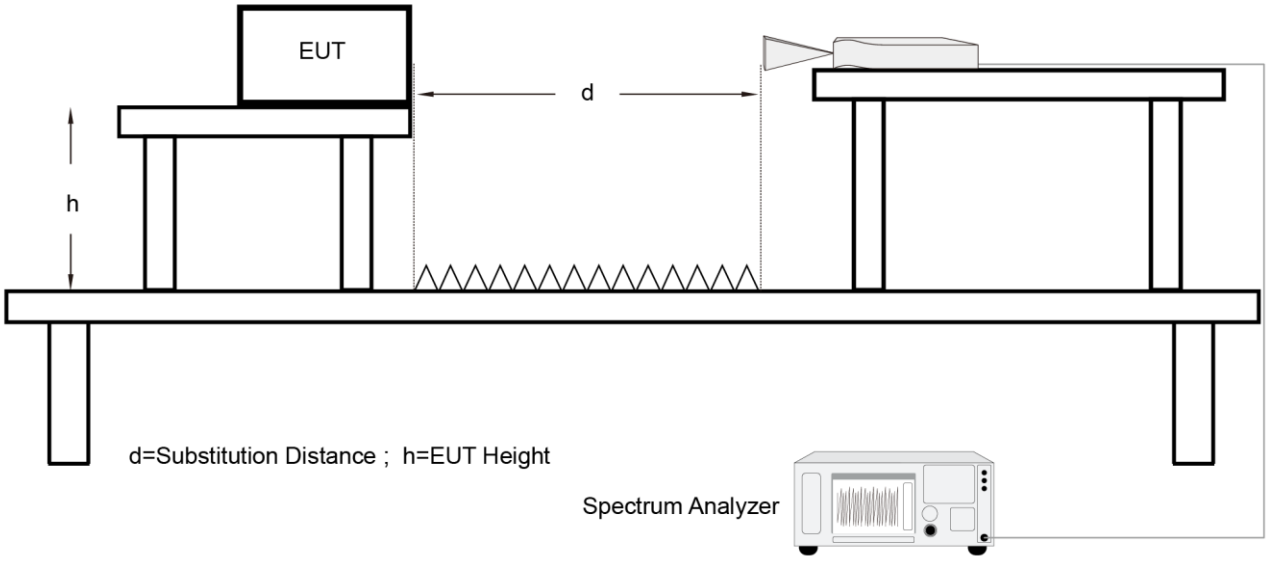
1GHz ~ 40GHz Test Setup:



40GHz ~ 50GHz Test Setup:



Above 50GHz Test Setup:



6.3.5.Test Result

Refer to Appendix A.2.

6.4. Radiated Restricted Band Edge Measurement

6.4.1.Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 – 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

[1] Until February 1, 1999, this restricted band shall be 0.490–0.510 MHz.

[2] Above 38.6

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [μV/m]	Measured Distance [Meter]
0.009 ~ 0.490	2400/F (kHz)	300
0.490 ~ 1.705	24000/F (kHz)	30
1.705 ~ 30	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

6.4.2.Test Procedure

ANSI C63.10-2013 Section 6.3

ANSI C63.10-2013 Section 6.6

ANSI C63.10-2013 Section 6.10

6.4.3.Test Setting

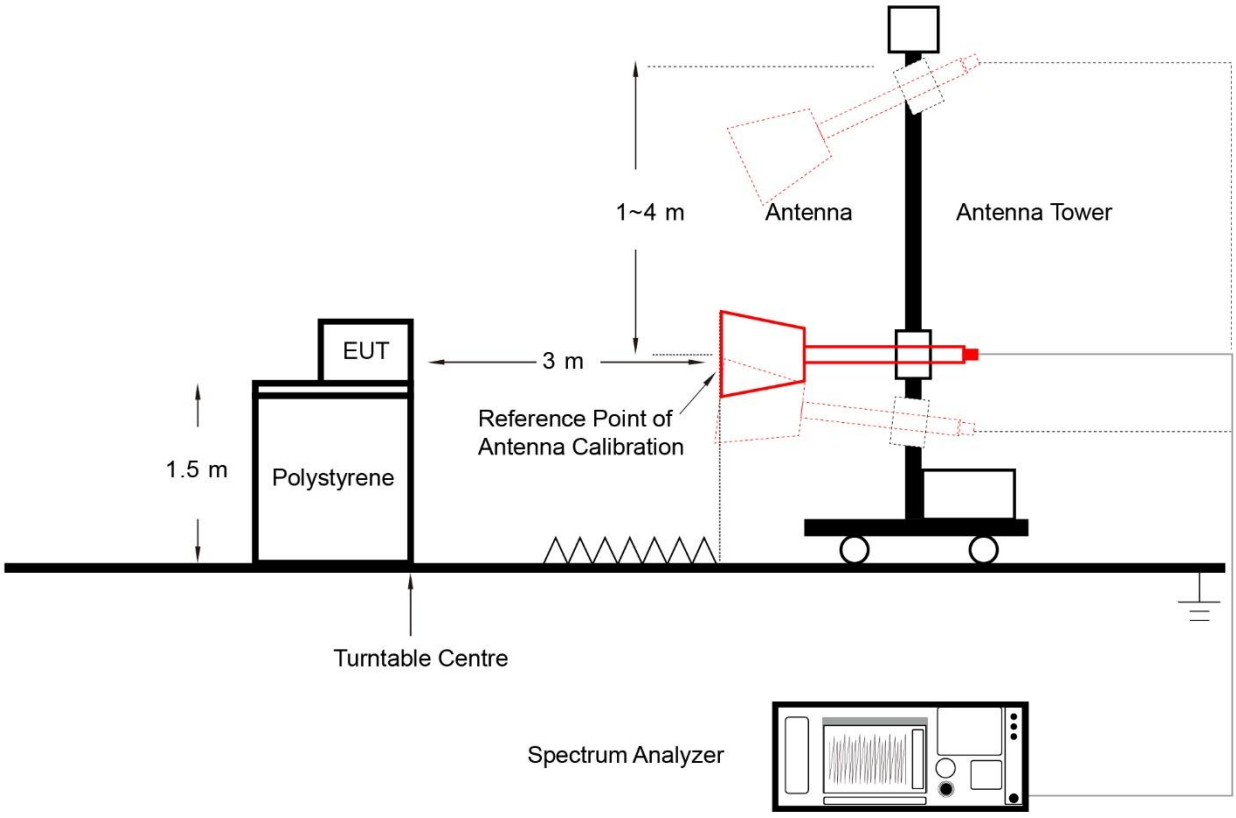
Peak Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. Set the VBW ≥ 3 × RBW
4. Detector function = Average
5. Sweep time ≥ (number of points in sweep) × (transmission symbol period).
6. Trace mode = Average
7. Allow max hold to run for suitable traces until the trace tend to stabilize.

6.4.4.Test Setup



6.4.5.Test Result

Refer to Appendix A.3.

6.5. 20dB Spectrum Bandwidth Measurement

6.5.1.Test Limit

Intentional radiators must be designed to ensure that the 20 dB bandwidth of the emission in the specific band.

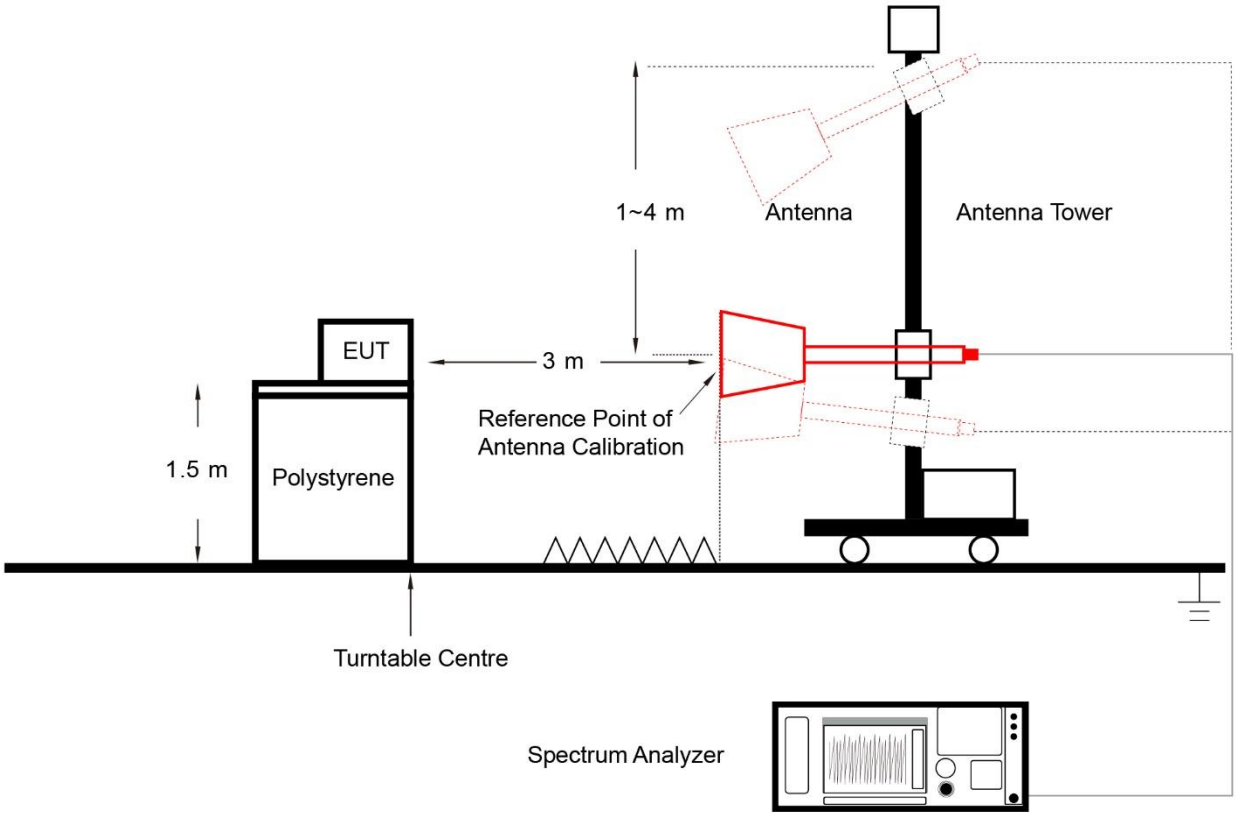
6.5.2.Test Procedure

ANSI C63.10-2013 Clause 6.9.2

6.5.3.Test Setting

1. Set the spectrum span range to overlap the nominal center frequency
2. Set RBW = 1% ~ 5% of the OBW
3. VBW ≥ 3 × RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. Allow the trace to stabilize and marker the highest level
8. Use Occupied BW function to determine two frequencies, one at the lowest frequency and the other at the highest frequency

6.5.4.Test Setup



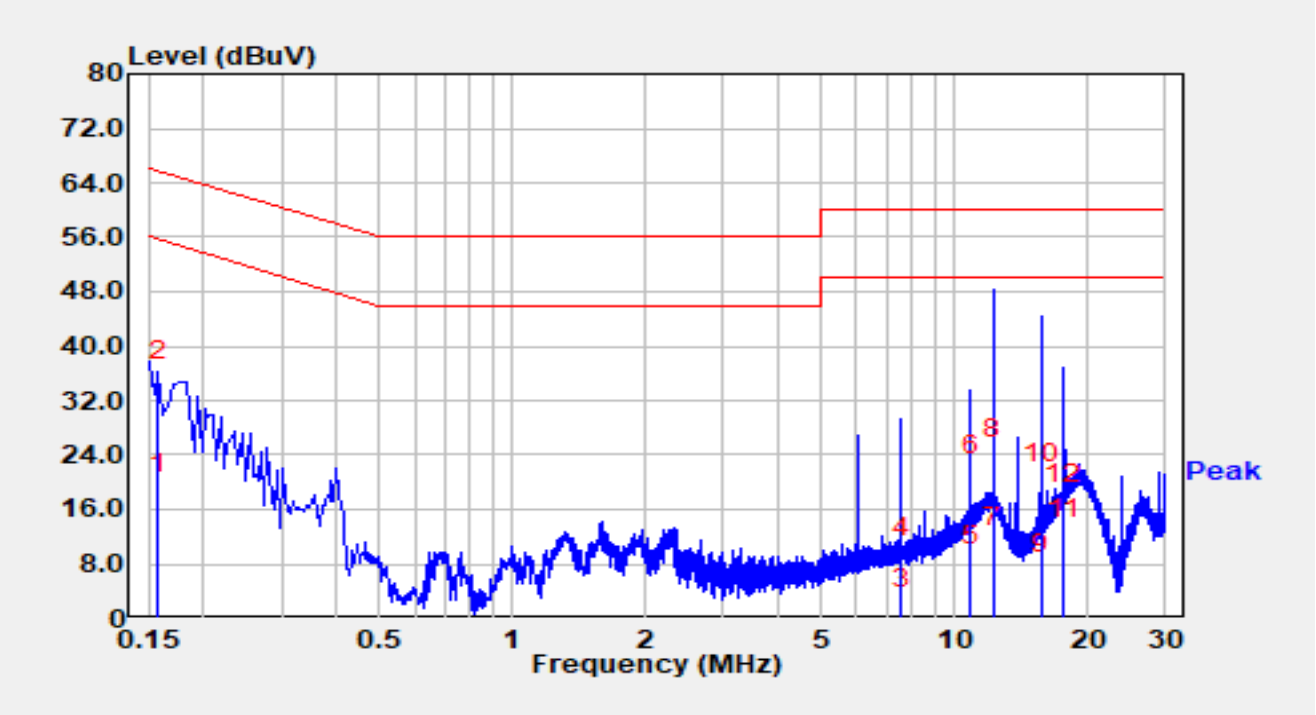
6.5.5.Test Result

Refer to Appendix A.4.

Appendix A - Test Result

A.1 AC Conducted Emissions Test Result

Site	SIP-SR2	Test Date	2025-02-14
Temperature	21.2 °C	Humidity	34.3 %
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Henry Wang
Factor	ENV216_101684_C	Polarity	Line
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 1		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV)	Margin (dB)	Limit (dBµV)	Detector
1		0.158	8.54	9.65	18.19	-37.38	55.57	Average
2	*	0.158	25.10	9.65	34.75	-30.82	65.57	QP
3		7.586	-8.48	9.95	1.46	-48.54	50.00	Average
4		7.586	-0.92	9.95	9.03	-50.97	60.00	QP
5		10.853	-2.49	10.07	7.58	-42.42	50.00	Average
6		10.853	10.98	10.07	21.04	-38.96	60.00	QP
7		12.270	0.47	10.10	10.56	-39.44	50.00	Average
8		12.270	13.15	10.10	23.25	-36.75	60.00	QP
9		15.693	-3.82	10.17	6.35	-43.65	50.00	Average
10		15.693	9.47	10.17	19.64	-40.36	60.00	QP
11		17.685	1.29	10.19	11.49	-38.51	50.00	Average

12		17.685	6.44	10.19	16.63	-43.37	60.00	QP

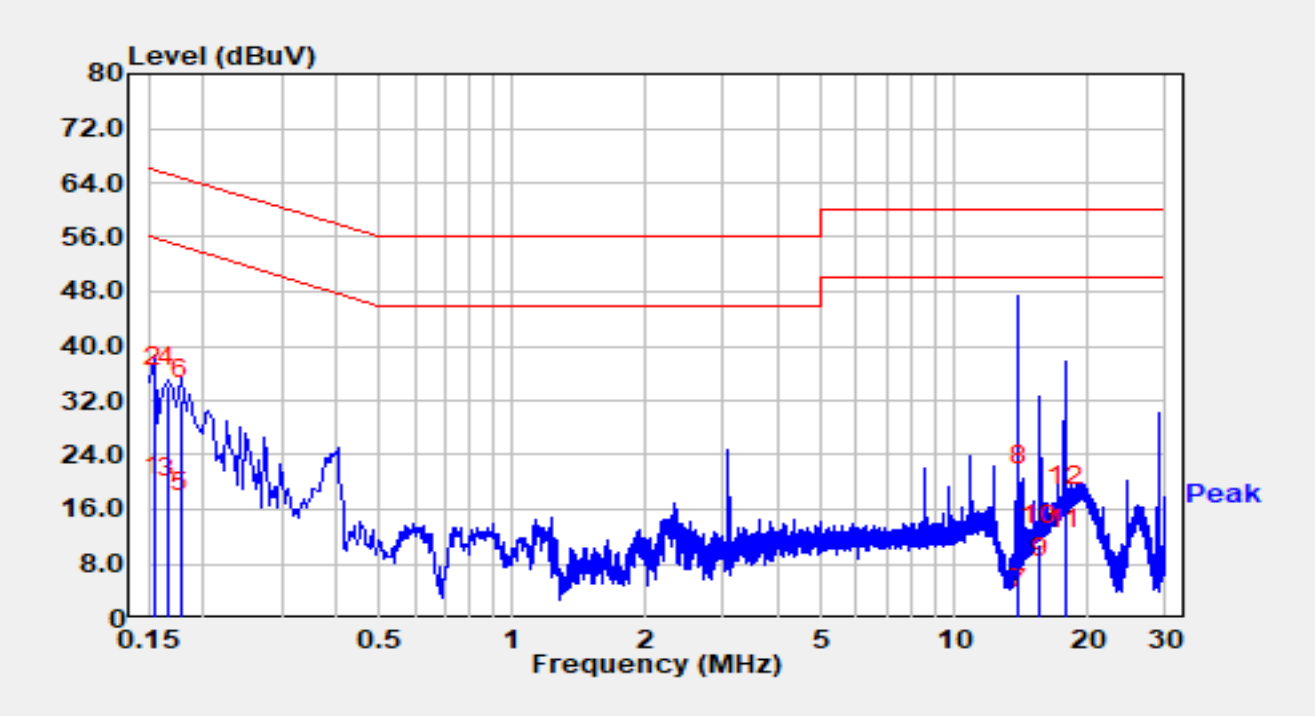
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).

3. Measurement (dBμV) = Reading (dBμV) + C.F (dB).

Site	SIP-SR2	Test Date	2025-02-14
Temperature	21.2 °C	Humidity	34.3 %
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Henry Wang
Factor	ENV216_101684_C	Polarity	Neutral
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 1		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV)	Margin (dB)	Limit (dBµV)	Detector
1		0.154	8.25	9.68	17.93	-37.85	55.78	Average
2		0.154	24.36	9.68	34.04	-31.75	65.78	QP
3		0.166	8.03	9.68	17.71	-37.44	55.16	Average
4	*	0.166	24.37	9.68	34.05	-31.11	65.16	QP
5		0.178	5.93	9.68	15.61	-38.96	54.58	Average
6		0.178	22.35	9.68	32.03	-32.54	64.58	QP
7		13.940	-8.94	10.16	1.22	-48.78	50.00	Average
8		13.940	9.17	10.16	19.33	-40.67	60.00	QP
9		15.633	-4.31	10.20	5.89	-44.11	50.00	Average
10		15.633	0.67	10.20	10.87	-49.13	60.00	QP
11		17.757	-0.19	10.22	10.04	-39.96	50.00	Average
12		17.757	6.21	10.22	16.44	-43.56	60.00	QP

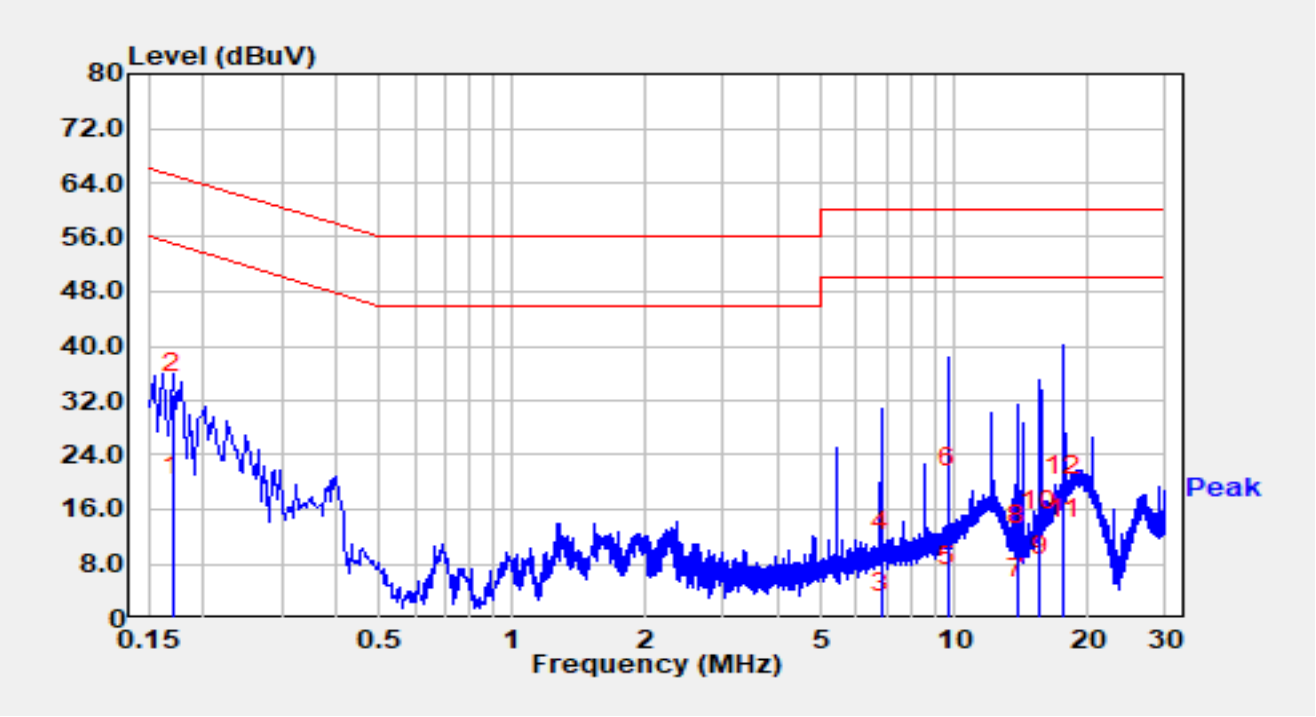
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).

3. Measurement (dBμV) = Reading (dBμV) + C.F (dB).

Site	SIP-SR2	Test Date	2025-02-14
Temperature	21.2 °C	Humidity	34.3 %
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Henry Wang
Factor	ENV216_101684_C	Polarity	Line
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV)	Margin (dB)	Limit (dBµV)	Detector
1		0.170	8.24	9.66	17.89	-37.07	54.96	Average
2	*	0.170	23.39	9.66	33.05	-31.91	64.96	QP
3		6.810	-9.21	9.93	0.71	-49.29	50.00	Average
4		6.810	-0.01	9.93	9.92	-50.08	60.00	QP
5		9.641	-5.40	10.04	4.64	-45.36	50.00	Average
6		9.641	9.26	10.04	19.30	-40.70	60.00	QP
7		13.889	-7.28	10.14	2.86	-47.14	50.00	Average
8		13.889	0.51	10.14	10.65	-49.35	60.00	QP
9		15.589	-3.90	10.17	6.27	-43.73	50.00	Average
10		15.589	2.74	10.17	12.91	-47.09	60.00	QP
11		17.713	1.57	10.19	11.76	-38.24	50.00	Average
12		17.713	7.80	10.19	18.00	-42.00	60.00	QP

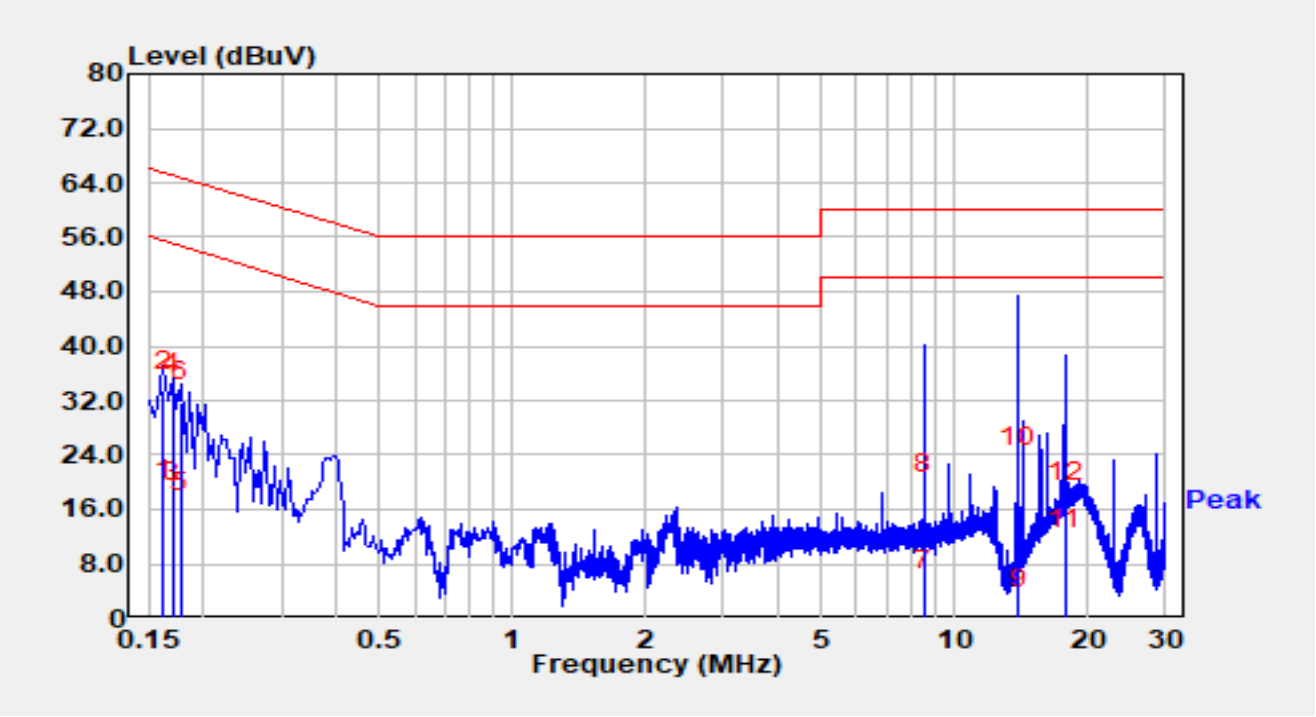
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).

3. Measurement (dBμV) = Reading (dBμV) + C.F (dB).

Site	SIP-SR2	Test Date	2025-02-14
Temperature	21.2 °C	Humidity	34.3 %
Limit	FCC Part 15.207_CE_Mains	Test Engineer	Henry Wang
Factor	ENV216_101684_C	Polarity	Neutral
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV)	Margin (dB)	Limit (dBµV)	Detector
1		0.162	7.69	9.68	17.37	-37.99	55.36	Average
2		0.162	23.78	9.68	33.46	-31.90	65.36	QP
3		0.170	7.40	9.68	17.08	-37.89	54.96	Average
4	*	0.170	23.39	9.68	33.07	-31.89	64.96	QP
5		0.178	5.74	9.68	15.42	-39.16	54.58	Average
6		0.178	22.05	9.68	31.73	-32.85	64.58	QP
7		8.541	-6.02	10.02	4.00	-46.00	50.00	Average
8		8.541	8.19	10.02	18.21	-41.79	60.00	QP
9		13.925	-8.70	10.16	1.46	-48.54	50.00	Average
10		13.925	12.00	10.16	22.17	-37.83	60.00	QP
11		17.745	-0.01	10.22	10.22	-39.78	50.00	Average
12		17.745	6.90	10.22	17.13	-42.87	60.00	QP

Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).

3. Measurement (dBμV) = Reading (dBμV) + C.F (dB).

A.2 Fundamental & Radiated Emission Test Result

Test Site	SIP-AC3	Test Date	2025-02-08
Test Engineer	Mero Zhou	Test Mode	Mode 1

Test Mode	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level@3m (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Result
Fundamental Radiated Emission (Horizontal)								
Mode 1	24145.200	112.76	-8.43	104.33	127.96	-23.63	Peak	Pass
	24027.000	106.28	-8.84	97.44	107.96	-10.52	Average	Pass
Fundamental Radiated Emission (Vertical)								
Mode 1	24159.000	102.80	-8.39	94.41	127.96	-33.55	Peak	Pass
	24028.200	91.76	-8.84	82.92	107.96	-25.04	Average	Pass

Note:

Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	SIP-AC2	Test Date	2025-02-24
Test Engineer	Mero Zhou	Test Mode	Mode 2 (Low Channel)

Test Mode	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level@3m (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Result
Fundamental Radiated Emission (Horizontal)								
Mode 2	24113.96	109.23	-8.52	100.71	127.96	-27.25	Peak	Pass
	24123.12	93.91	-8.51	85.41	107.96	-22.55	Average	Pass
Fundamental Radiated Emission (Vertical)								
Mode 2	24109.52	102.15	-8.49	93.66	127.96	-34.30	Peak	Pass
	24108.32	94.28	-8.48	85.80	107.96	-22.16	Average	Pass

Note:

Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	SIP-AC2	Test Date	2025-02-24
Test Engineer	Mero Zhou	Test Mode	Mode 2 (High Channel)

Test Mode	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level@3m (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Result
Fundamental Radiated Emission (Horizontal)								
Mode 2	24211.72	108.71	-8.63	100.08	127.96	-27.88	Peak	Pass
	24210.64	102.28	-8.64	93.63	107.96	-14.33	Average	Pass
Fundamental Radiated Emission (Vertical)								
Mode 2	24193.28	101.4	-8.76	92.65	127.96	-35.31	Peak	Pass
	24206.20	94.07	-8.71	85.36	107.96	-22.60	Average	Pass

Note:

Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	SIP-AC3	Test Engineer	Mero Zhou
Test Date	2025-02-08	Test Frequency Range	Below 1GHz

Test Mode	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Mode 1	197.269	20.500	15.160	35.660	43.500	-7.840	Quasi-Peak	Horizontal
	200.126	19.900	15.110	35.010	43.500	-8.490	Quasi-Peak	Horizontal
	204.453	20.900	15.090	35.990	43.500	-7.510	Quasi-Peak	Horizontal
	211.304	18.600	15.090	33.690	43.500	-9.810	Quasi-Peak	Horizontal
	258.145	18.900	17.190	36.090	46.000	-9.910	Quasi-Peak	Horizontal
	275.930	17.600	18.090	35.690	46.000	-10.310	Quasi-Peak	Horizontal
	65.183	10.300	17.250	27.550	40.000	-12.450	Quasi-Peak	Vertical
	79.465	8.200	14.330	22.530	40.000	-17.470	Quasi-Peak	Vertical
	140.490	9.600	17.890	27.490	43.500	-16.010	Quasi-Peak	Vertical
	202.810	12.100	15.090	27.190	43.500	-16.310	Quasi-Peak	Vertical
	210.269	8.660	15.100	23.760	43.500	-19.740	Quasi-Peak	Vertical
	242.781	8.200	16.800	25.000	46.000	-21.000	Quasi-Peak	Vertical

Notes:

1. Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

   Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

2. The amplitude of radiated emissions (frequency range from 9KHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC3	Test Engineer	Mero Zhou
Test Date	2025-02-08	Test Frequency Range	1 ~ 40 GHz

Test Mode	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
Mode 1	14006.700	46.220	4.290	50.510	74.000	-23.490	Peak	Horizontal
	14006.700	33.520	4.290	37.810	54.000	-16.190	Average	Horizontal
	15963.400	44.840	7.340	52.180	74.000	-21.820	Peak	Horizontal
	15963.400	32.580	7.340	39.920	54.000	-14.080	Average	Horizontal
	17981.300	42.900	11.560	54.460	74.000	-19.540	Peak	Horizontal
	17981.300	31.290	11.560	42.850	54.000	-11.150	Average	Horizontal
	10324.500	46.910	2.040	48.950	74.000	-25.050	Peak	Vertical
	10324.500	33.870	2.040	35.910	54.000	-18.090	Average	Vertical
	14023.700	46.000	4.280	50.280	74.000	-23.720	Peak	Vertical
	14023.700	32.800	4.280	37.080	54.000	-16.920	Average	Vertical
	17989.800	42.650	11.300	53.950	74.000	-20.050	Peak	Vertical
	17989.800	31.250	11.300	42.550	54.000	-11.450	Average	Vertical
	30452.000	56.610	-8.050	48.560	74.000	-25.440	Peak	Horizontal
	30452.000	45.740	-8.050	37.690	54.000	-16.310	Average	Horizontal
	35608.800	56.410	-6.150	50.260	74.000	-23.740	Peak	Horizontal
	35608.800	45.330	-6.150	39.180	54.000	-14.820	Average	Horizontal
	38592.000	54.740	-1.640	53.100	74.000	-20.900	Peak	Horizontal
	38592.000	41.110	-1.640	39.470	54.000	-14.530	Average	Horizontal
	30900.800	58.250	-9.160	49.090	74.000	-24.910	Peak	Vertical
	30900.800	45.850	-9.160	36.690	54.000	-17.310	Average	Vertical
	34533.000	58.650	-8.610	50.040	74.000	-23.960	Peak	Vertical
	34533.000	45.630	-8.610	37.020	54.000	-16.980	Average	Vertical
	39293.800	52.240	0.540	52.780	74.000	-21.220	Peak	Vertical
	39293.800	41.170	0.540	41.710	54.000	-12.290	Average	Vertical

Note:

Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Test Site	SIP-AC3	Test Engineer	Mero Zhou
Test Date	2025-02-11	Test Frequency Range	Above 40 GHz

Test Mode	Frequency (GHz)	Reading Level@1m (dBμV)	Factor (dB/m)	Measure Level@1m (dBμV/m)	Measure Level@3m (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Mode 1	48.448	30.940	45.590	76.530	66.988	88.000	-21.012	Peak	Horizontal
	48.056	16.311	46.140	62.451	52.909	68.000	-15.091	Average	Horizontal
	48.294	26.050	46.040	72.090	62.548	88.000	-25.452	Peak	Vertical
	48.057	12.073	46.140	58.213	48.671	68.000	-19.329	Average	Vertical
	72.471	42.870	42.390	85.260	75.718	88.000	-12.282	Peak	Horizontal
	72.300	22.704	42.390	65.094	55.552	68.000	-12.448	Average	Horizontal
	72.321	39.500	42.390	81.890	72.348	88.000	-15.652	Peak	Vertical
	72.300	22.285	42.390	64.675	55.133	68.000	-12.867	Average	Vertical
	96.500	29.610	44.500	74.110	64.568	88.000	-23.432	Peak	Horizontal
	96.500	22.920	44.500	67.420	57.878	68.000	-10.122	Average	Horizontal
	96.500	31.040	44.500	75.540	65.998	88.000	-22.002	Peak	Vertical
	96.500	22.877	44.500	67.377	57.835	68.000	-10.165	Average	Vertical

Notes:

1. For Emission between 40GHz and 100GHz:

   Measure Level @1.0m (dBμV/m) = Reading Level @1.0m (dBμV) + Factor (dB/m)

   Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

2. For Emission between 40GHz and 100GHz:

   Measure Level @3m = Measure Level @1.0m + 20 * log(1m / 3m)

Test Site	SIP-AC3	Test Engineer	Mero Zhou
Test Date	2025-02-12	Test Frequency Range	Below 1GHz

Test Mode	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Mode 2	61.497	9.900	17.870	27.770	40.000	-12.230	Quasi-Peak	Horizontal
	96.369	21.400	13.340	34.740	43.500	-8.760	Quasi-Peak	Horizontal
	140.195	14.200	17.870	32.070	43.500	-11.430	Quasi-Peak	Horizontal
	192.689	21.400	15.380	36.780	43.500	-6.720	Quasi-Peak	Horizontal
	210.048	9.100	15.110	24.210	43.500	-19.290	Quasi-Peak	Horizontal
	289.205	15.800	18.570	34.370	46.000	-11.630	Quasi-Peak	Horizontal
	54.128	9.800	18.540	28.340	40.000	-11.660	Quasi-Peak	Vertical
	62.344	12.800	17.740	30.540	40.000	-9.460	Quasi-Peak	Vertical
	75.632	11.600	15.200	26.800	40.000	-13.200	Quasi-Peak	Vertical
	122.232	9.500	16.320	25.820	43.500	-17.680	Quasi-Peak	Vertical
	138.825	13.300	17.770	31.070	43.500	-12.430	Quasi-Peak	Vertical
	217.926	7.600	14.980	22.580	46.000	-23.420	Quasi-Peak	Vertical

Notes:

1. Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

   Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

2. The amplitude of radiated emissions (frequency range from 9KHz to 30MHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Test Site	SIP-AC3	Test Engineer	Mero Zhou
Test Date	2025-02-12	Test Frequency Range	1 ~ 40 GHz

Test Mode	Frequency (MHz)	Reading Level (dBµV)	Factor (dB/m)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
Mode 2	15693.100	44.550	7.660	52.210	74.000	-21.790	Peak	Horizontal
	15693.100	34.350	7.660	42.010	54.000	-11.990	Average	Horizontal
	17022.500	43.520	9.710	53.230	74.000	-20.770	Peak	Horizontal
	17022.500	32.860	9.710	42.570	54.000	-11.430	Average	Horizontal
	17942.200	42.740	11.490	54.230	74.000	-19.770	Peak	Horizontal
	17942.200	31.510	11.490	43.000	54.000	-11.000	Average	Horizontal
	14710.500	44.120	6.620	50.740	74.000	-23.260	Peak	Vertical
	14710.500	34.610	6.620	41.230	54.000	-12.770	Average	Vertical
	15834.200	43.970	8.030	52.000	74.000	-22.000	Peak	Vertical
	15834.200	32.250	8.030	40.280	54.000	-13.720	Average	Vertical
	17938.800	43.070	11.500	54.570	74.000	-19.430	Peak	Vertical
	17938.800	31.350	11.500	42.850	54.000	-11.150	Average	Vertical
	35564.800	56.580	-6.070	50.510	74.000	-23.490	Peak	Horizontal
	37914.400	54.710	-3.100	51.610	74.000	-22.390	Peak	Horizontal
	37914.400	42.290	-3.100	39.190	54.000	-14.810	Average	Horizontal
	38981.400	53.550	-0.100	53.450	74.000	-20.550	Peak	Horizontal
	38981.400	41.150	-0.100	41.050	54.000	-12.950	Average	Horizontal
	31435.400	58.830	-10.020	48.810	74.000	-25.190	Peak	Vertical
	35586.800	56.120	-5.840	50.280	74.000	-23.720	Peak	Vertical
	39241.000	52.530	0.520	53.050	74.000	-20.950	Peak	Vertical
	39241.000	41.220	0.520	41.740	54.000	-12.260	Average	Vertical

Notes:

1. Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m)

   Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

2. Average measurement was not performed when the peak level lower than average limit

Test Site	SIP-AC3	Test Engineer	Mero Zhou
Test Date	2025-02-11	Test Frequency Range	Above 40 GHz

Test Mode	Frequency (GHz)	Reading Level@1m (dBμV)	Factor (dB/m)	Measure Level@1m (dBμV/m)	Measure Level@3m (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
Mode 2	48.084	25.210	45.590	70.800	61.258	88.000	-26.742	Peak	Horizontal
	48.083	13.917	46.140	60.057	50.515	68.000	-17.485	Average	Horizontal
	48.081	24.350	46.040	70.390	60.848	88.000	-27.152	Peak	Vertical
	48.051	12.649	46.140	58.789	49.247	68.000	-18.753	Average	Vertical
	72.228	29.980	42.390	72.370	62.828	88.000	-25.172	Peak	Horizontal
	72.277	21.324	42.390	63.714	54.172	68.000	-13.828	Average	Horizontal
	72.274	31.640	42.390	74.030	64.488	88.000	-23.512	Peak	Vertical
	72.272	21.716	42.390	64.106	54.564	68.000	-13.436	Average	Vertical
	96.500	31.350	44.500	75.850	66.308	88.000	-21.692	Peak	Horizontal
	96.500	22.551	44.500	67.051	57.509	68.000	-10.491	Average	Horizontal
	96.500	30.790	44.500	75.290	65.748	88.000	-22.252	Peak	Vertical
	96.500	22.649	44.500	67.149	57.607	68.000	-10.393	Average	Vertical

Notes:

1. For Emission between 40GHz and 100GHz:

   Measure Level @1.0m (dBμV/m) = Reading Level @1.0m (dBμV) + Factor (dB/m)

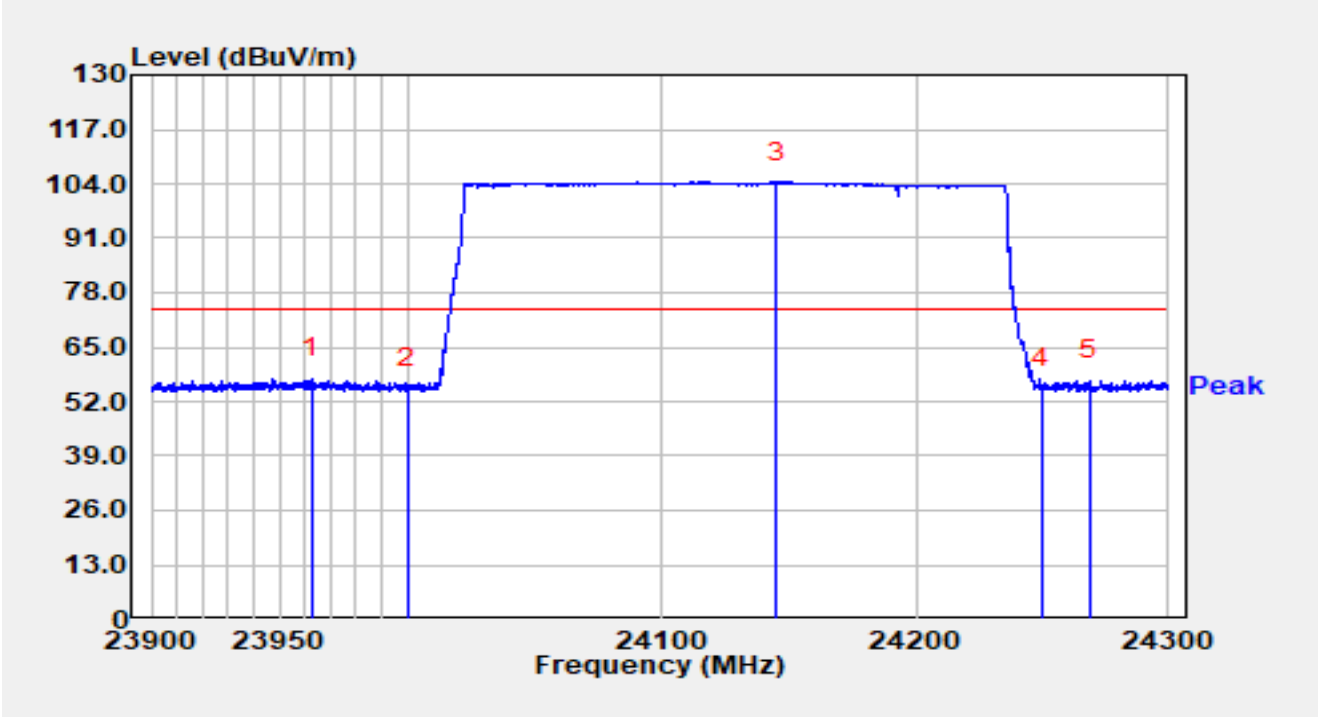
   Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m)

2. For Emission between 40GHz and 100GHz:

   Measure Level @3m = Measure Level @1.0m + 20 * log(1m / 3m)

A.3 Radiated Restricted Band Edge Test Result

Site	SIP-AC3	Test Date	2025-02-08
Temperature	17.1 °C	Humidity	50.2 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_PK	Test Engineer	Fusco Pan
Factor	BBHA 9170_00934	Polarity	Horizontal
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 1		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	23962.400	65.87	-8.31	57.56	-16.44	74.00	Peak
2		24000.000	64.09	-8.69	55.41	-18.59	74.00	Peak
3		24145.200	112.76	-8.43	104.33	N/A	N/A	Peak
4		24250.000	63.64	-8.40	55.24	-18.76	74.00	Peak
5		24268.600	65.58	-8.55	57.03	-16.97	74.00	Peak

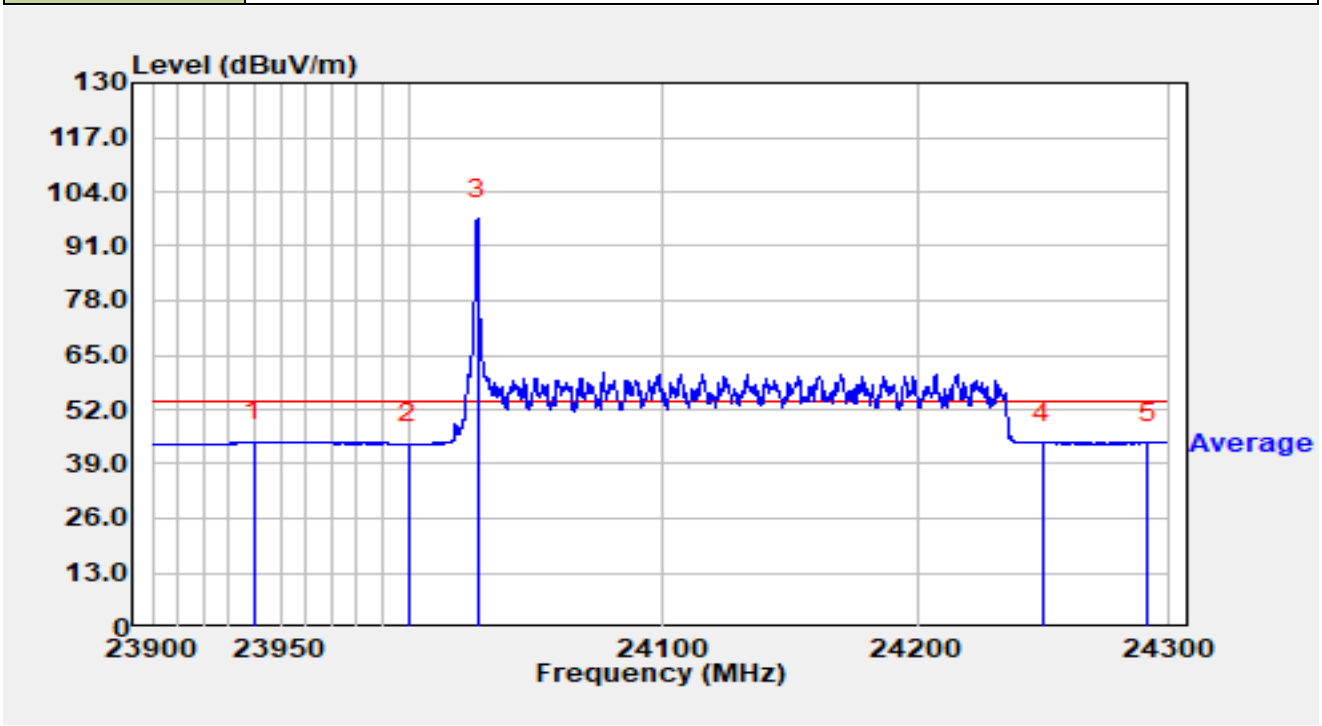
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2025-02-08
Temperature	17.1 °C	Humidity	50.2 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_AV	Test Engineer	Fusco Pan
Factor	BBHA 9170_00934	Polarity	Horizontal
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 1		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	23939.800	52.47	-8.26	44.22	-9.78	54.00	Average
2		24000.000	52.51	-8.69	43.82	-10.18	54.00	Average
3		24027.000	106.28	-8.84	97.45	N/A	N/A	Average
4		24250.000	52.37	-8.40	43.97	-10.03	54.00	Average
5		24291.600	52.34	-8.23	44.11	-9.89	54.00	Average

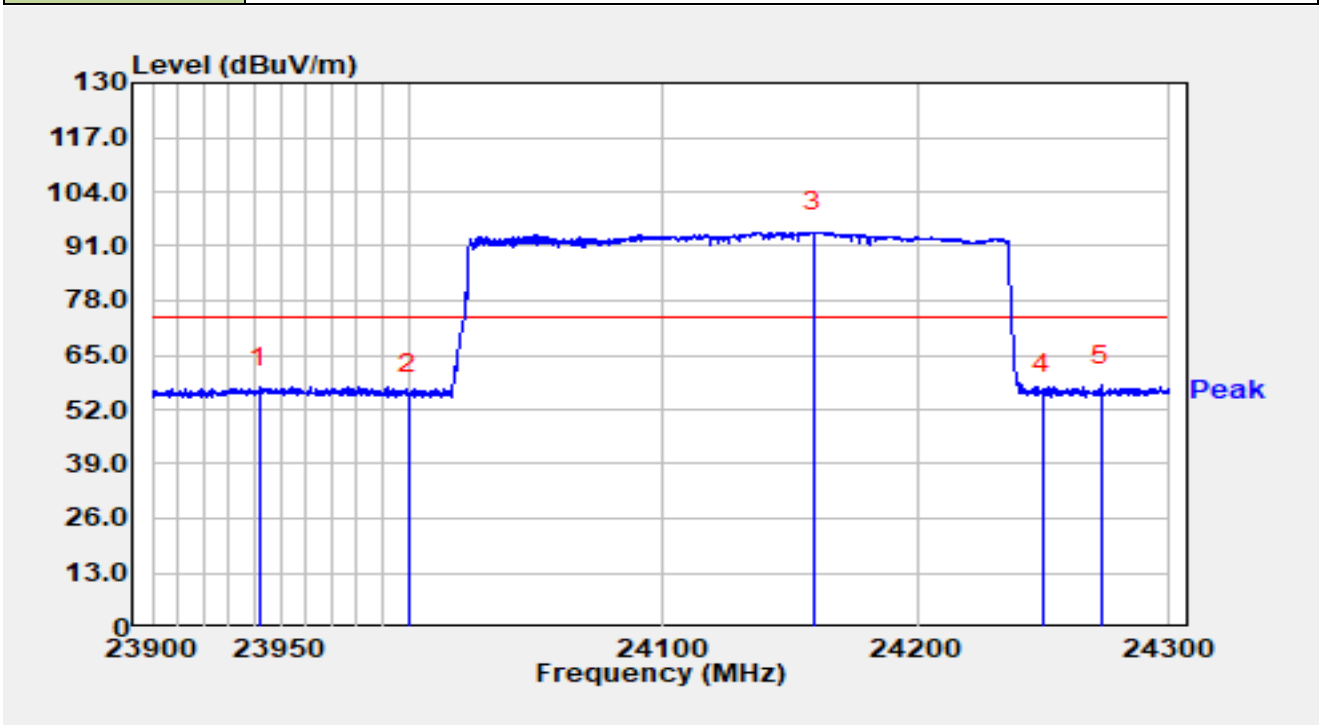
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2025-02-08
Temperature	17.1 °C	Humidity	50.2 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_PK	Test Engineer	Fusco Pan
Factor	BBHA 9170_00934	Polarity	Vertical
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 1		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		23941.800	65.65	-8.26	57.39	-16.61	74.00	Peak
2		24000.000	64.24	-8.69	55.55	-18.45	74.00	Peak
3		24159.000	102.80	-8.39	94.41	N/A	N/A	Peak
4		24250.000	64.00	-8.40	55.59	-18.41	74.00	Peak
5	*	24273.200	66.39	-8.51	57.88	-16.12	74.00	Peak

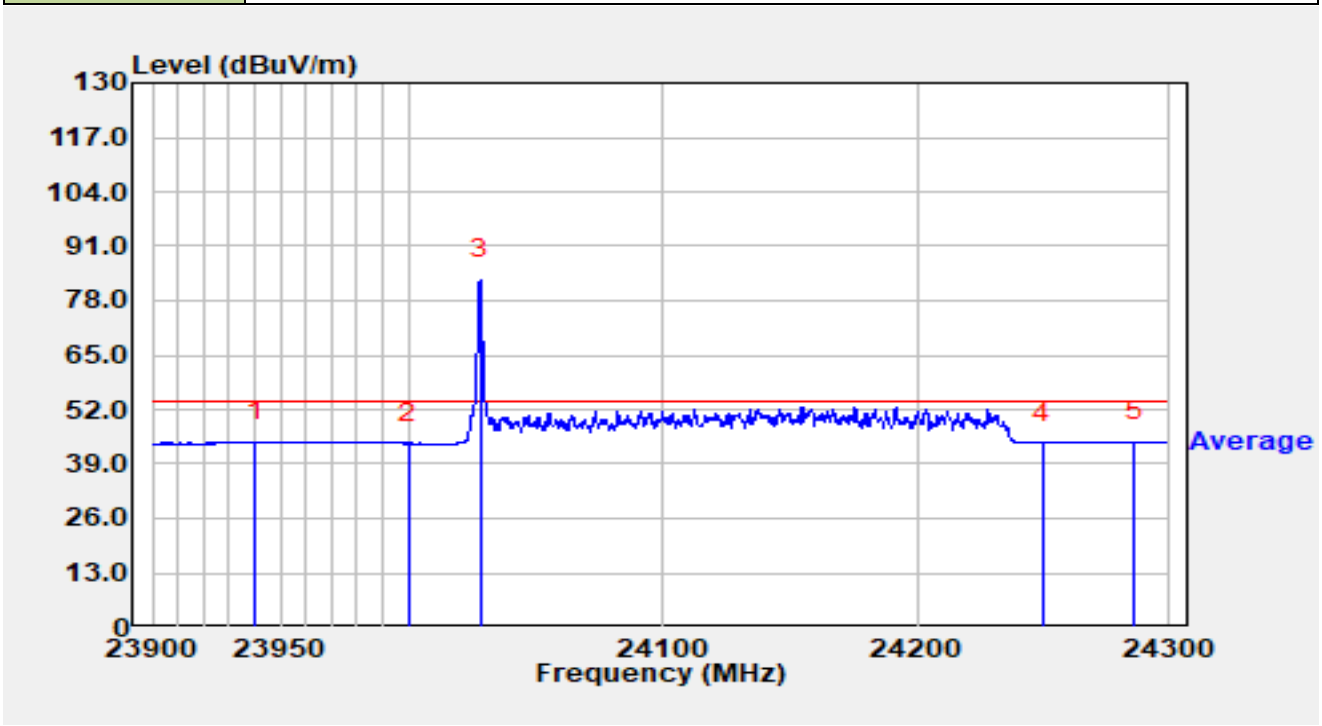
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC3	Test Date	2025-02-08
Temperature	17.1 °C	Humidity	50.2 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_AV	Test Engineer	Fusco Pan
Factor	BBHA 9170_00934	Polarity	Vertical
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 1		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	23940.200	52.65	-8.25	44.39	-9.61	54.00	Average
2		24000.000	52.57	-8.69	43.88	-10.12	54.00	Average
3		24028.200	91.76	-8.84	82.93	N/A	N/A	Average
4		24250.000	52.55	-8.40	44.15	-9.85	54.00	Average
5		24286.200	52.54	-8.31	44.23	-9.77	54.00	Average

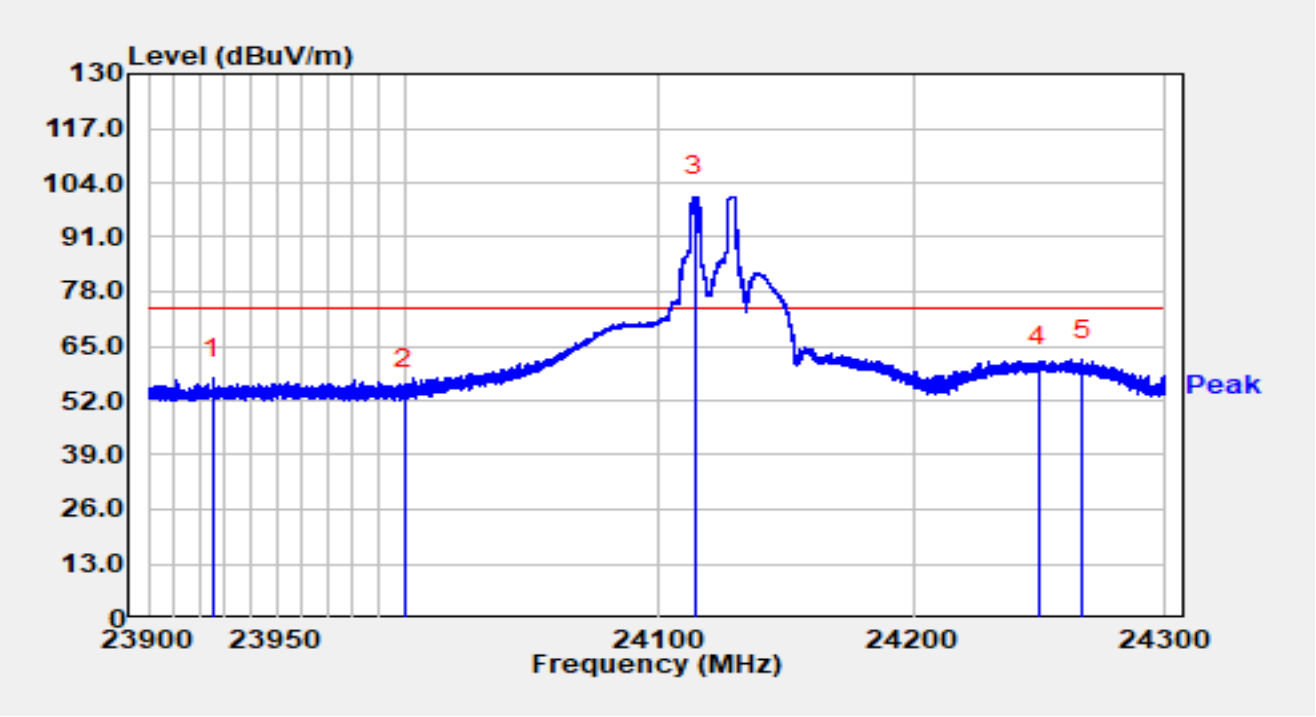
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC2	Test Date	2025-02-24
Temperature	15.2 °C	Humidity	40.3 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_PK	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Horizontal
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2 (Low channel)		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		23925.040	65.75	-8.56	57.19	-16.81	74.00	Peak
2		24000.000	63.62	-8.69	54.93	-19.07	74.00	Peak
3		24113.960	109.23	-8.52	100.71	N/A	N/A	Peak
4		24250.000	68.66	-8.40	60.26	-13.74	74.00	Peak
5	*	24267.080	70.31	-8.54	61.77	-12.23	74.00	Peak

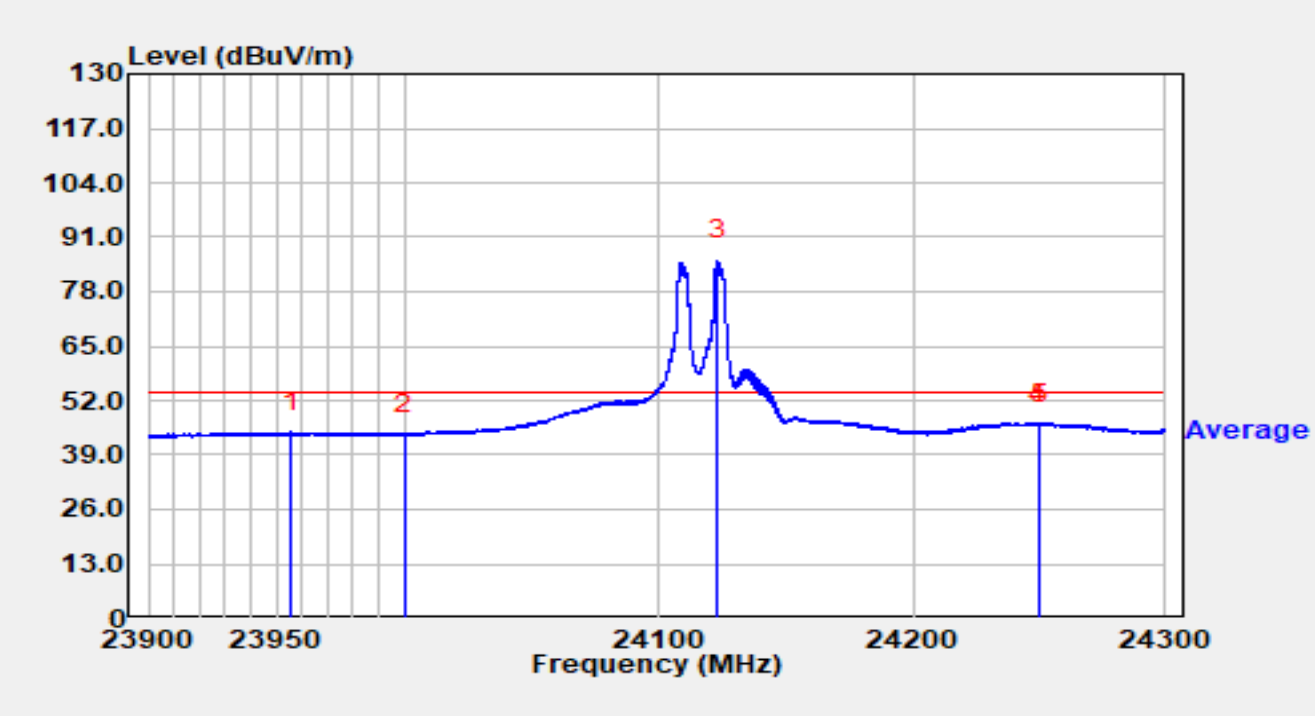
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC2	Test Date	2025-02-24
Temperature	15.2 °C	Humidity	40.3 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_AV	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Horizontal
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2 (Low channel)		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		23955.960	52.76	-8.29	44.47	-9.53	54.00	Average
2		24000.000	52.62	-8.69	43.93	-10.07	54.00	Average
3		24123.120	93.91	-8.51	85.41	N/A	N/A	Average
4		24250.000	54.77	-8.40	46.37	-7.63	54.00	Average
5	*	24250.360	54.93	-8.40	46.53	-7.47	54.00	Average

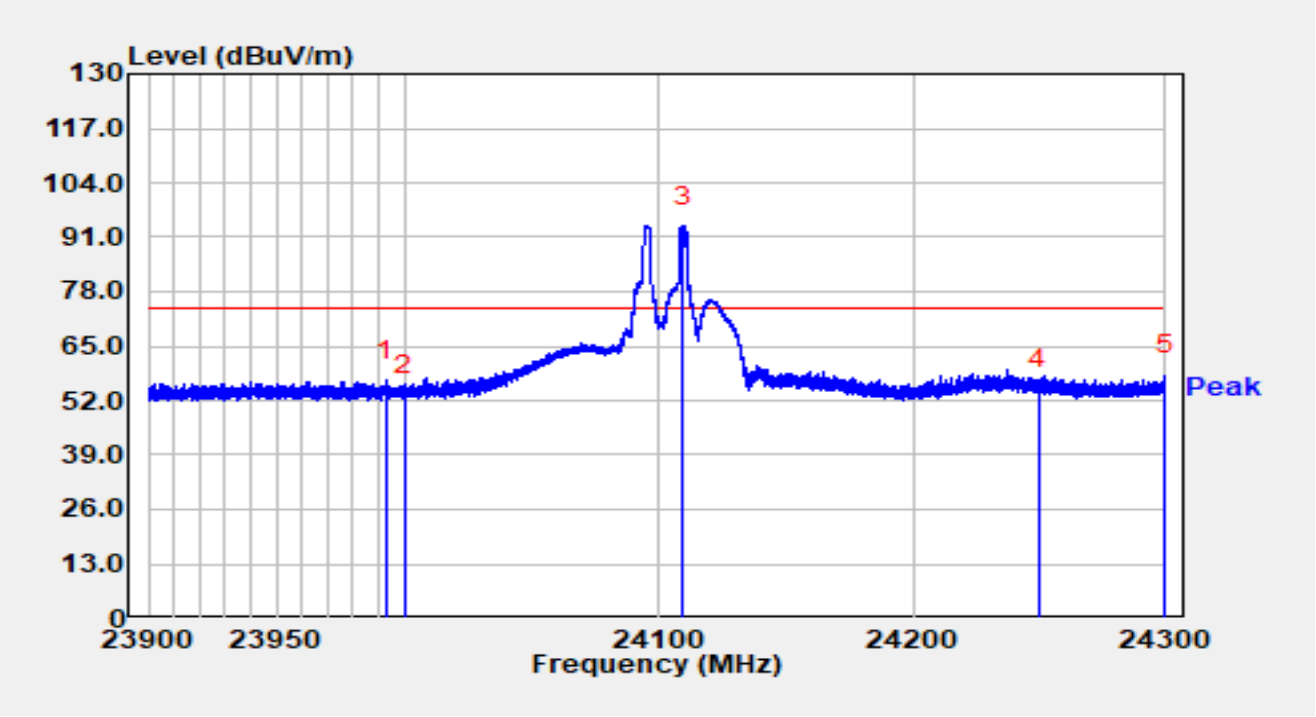
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC2	Test Date	2025-02-24
Temperature	15.2 °C	Humidity	40.3 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_PK	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Vertical
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2 (Low channel)		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		23992.960	65.35	-8.60	56.75	-17.25	74.00	Peak
2		24000.000	61.99	-8.69	53.30	-20.70	74.00	Peak
3		24109.520	102.15	-8.49	93.66	N/A	N/A	Peak
4		24250.000	63.09	-8.40	54.69	-19.31	74.00	Peak
5	*	24299.640	66.29	-8.23	58.05	-15.95	74.00	Peak

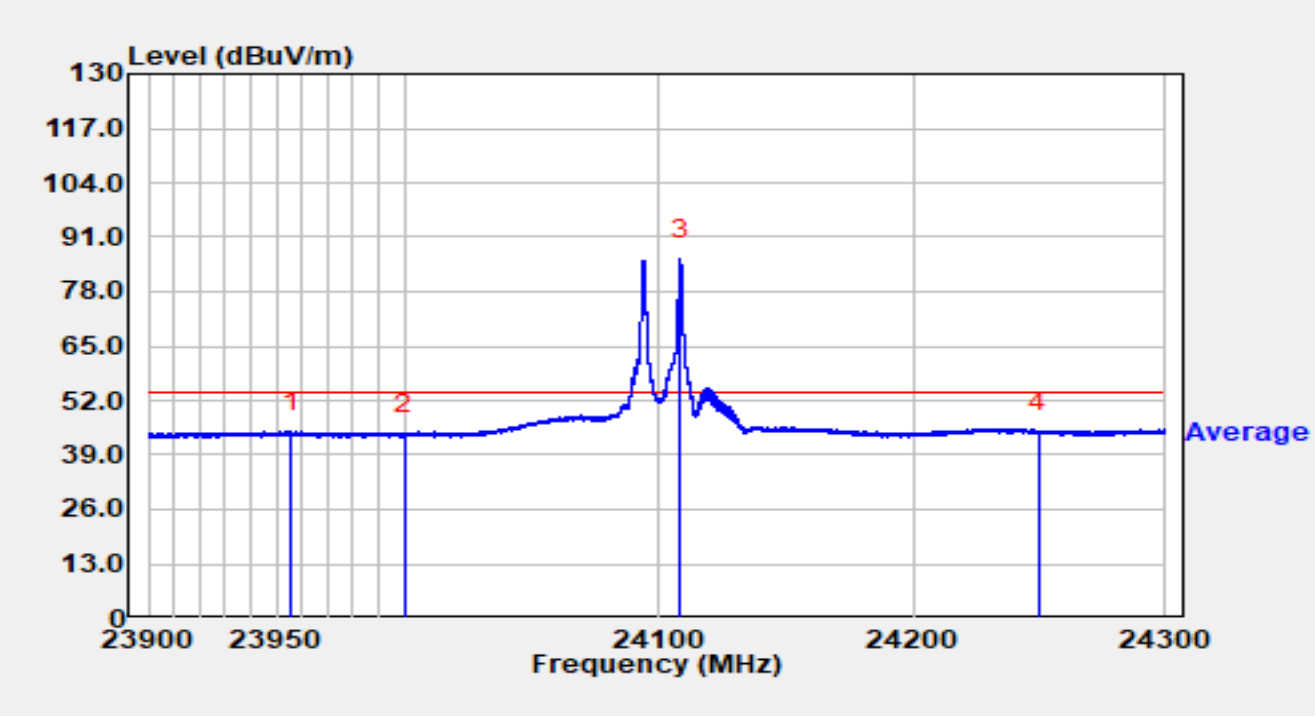
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC2	Test Date	2025-02-24
Temperature	15.2 °C	Humidity	40.3 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_AV	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Vertical
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2 (Low channel)		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1	*	23955.600	52.86	-8.29	44.57	-9.43	54.00	Average
2		24000.000	52.61	-8.69	43.92	-10.08	54.00	Average
3		24108.320	94.28	-8.48	85.80	N/A	N/A	Average
4		24250.000	52.82	-8.40	44.42	-9.58	54.00	Average

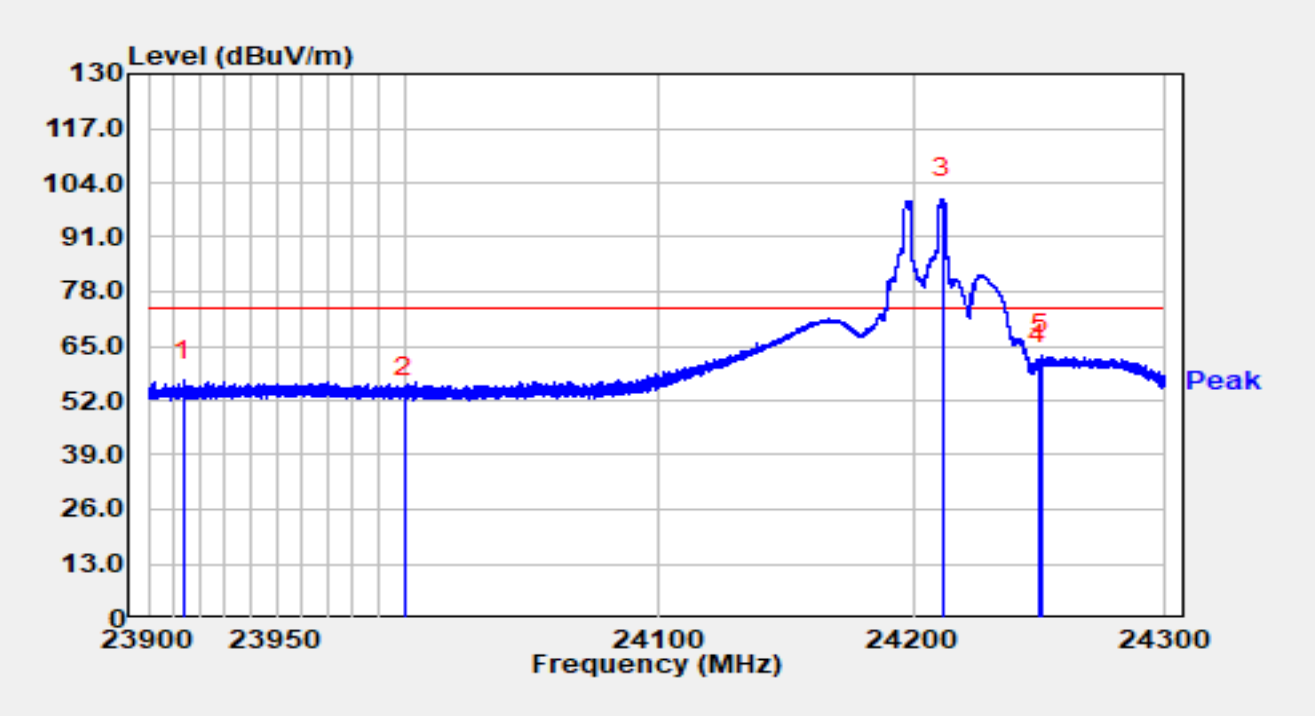
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC2	Test Date	2025-02-24
Temperature	15.2 °C	Humidity	40.3 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_PK	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Horizontal
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2 (High channel)		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		23913.520	65.42	-8.70	56.72	-17.28	74.00	Peak
2		24000.000	61.20	-8.69	52.51	-21.49	74.00	Peak
3		24211.720	108.71	-8.63	100.08	N/A	N/A	Peak
4		24250.000	68.97	-8.40	60.57	-13.43	74.00	Peak
5	*	24250.560	71.24	-8.40	62.83	-11.17	74.00	Peak

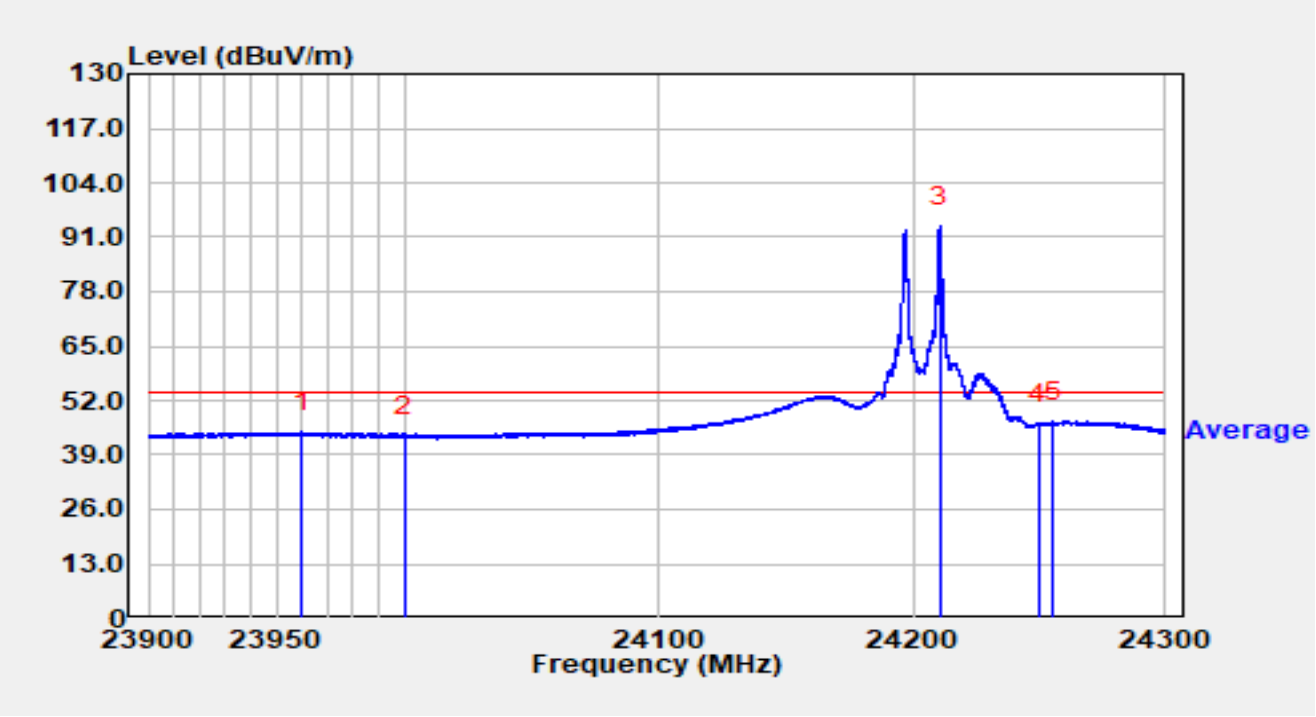
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC2	Test Date	2025-02-24
Temperature	15.2 °C	Humidity	40.3 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_AV	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Horizontal
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2 (High channel)		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		23960.040	52.70	-8.30	44.40	-9.60	54.00	Average
2		24000.000	52.21	-8.69	43.52	-10.48	54.00	Average
3		24210.640	102.28	-8.64	93.63	N/A	N/A	Average
4		24250.000	54.91	-8.40	46.51	-7.49	54.00	Average
5	*	24255.280	55.43	-8.44	46.98	-7.02	54.00	Average

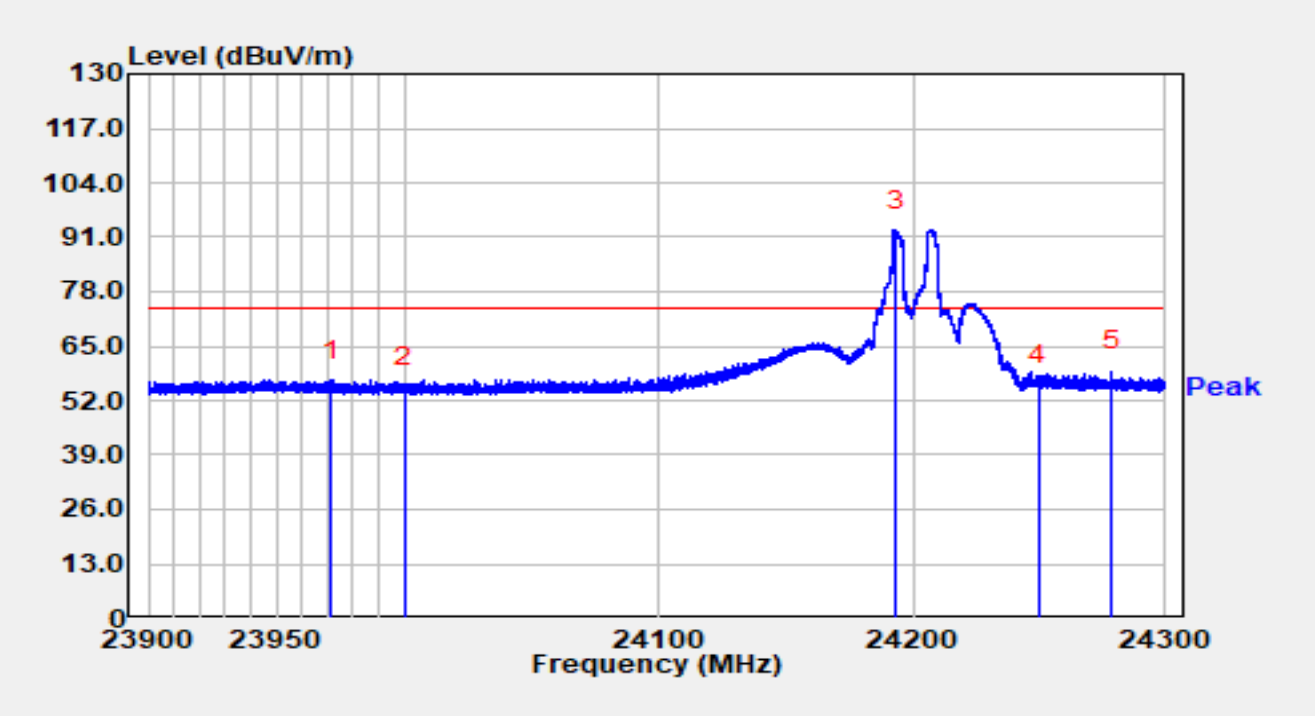
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC2	Test Date	2025-02-24
Temperature	15.2 °C	Humidity	40.3 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_PK	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Vertical
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2 (High channel)		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		23971.640	65.26	-8.39	56.88	-17.12	74.00	Peak
2		24000.000	63.92	-8.69	55.23	-18.77	74.00	Peak
3		24193.280	101.40	-8.76	92.65	N/A	N/A	Peak
4		24250.000	63.94	-8.40	55.54	-18.46	74.00	Peak
5	*	24278.840	67.45	-8.42	59.03	-14.97	74.00	Peak

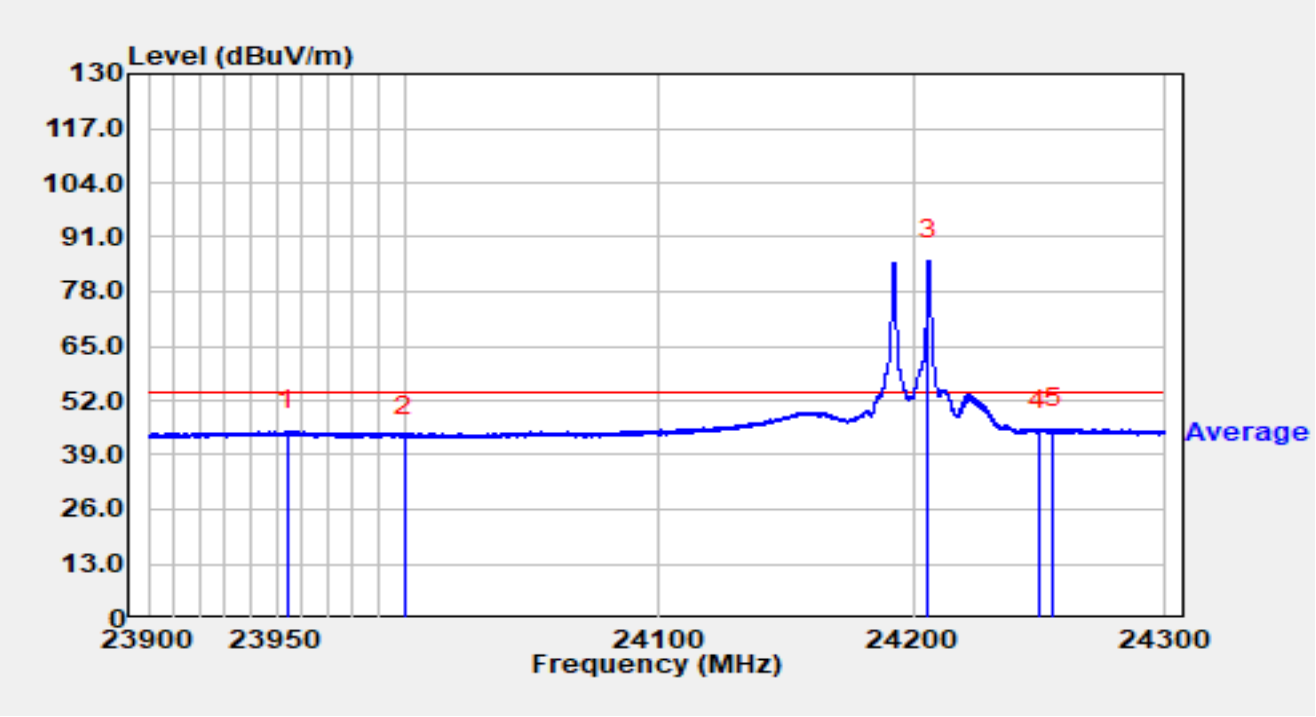
Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

Site	SIP-AC2	Test Date	2025-02-24
Temperature	15.2 °C	Humidity	40.3 %
Limit	FCC_Part 15.209_RE(3m)_ClassB_AV	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Vertical
EUT	Intelligent Toilet	Test Voltage	AC 120V/60Hz
Test Mode	Mode 2 (High channel)		



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB/m)	Measurement (dBµV/m)	Margin (dB)	Limit (dBµV/m)	Detector
1		23954.120	53.01	-8.29	44.73	-9.27	54.00	Average
2		24000.000	52.16	-8.69	43.48	-10.52	54.00	Average
3		24206.200	94.07	-8.71	85.36	N/A	N/A	Average
4		24250.000	53.27	-8.40	44.87	-9.13	54.00	Average
5	*	24255.360	53.69	-8.44	45.25	-8.75	54.00	Average

Notes:

1. " * ", means this data is the worst emission level.

2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) + Attenuation (dB) - AMP (dB).

3. Measurement (dBµV/m) = Reading (dBµV) + C.F (dB/m).

A.4 20dB Bandwidth Test Result

Test Site	SIP-AC3	Test Date	2025-02-08 ~ 2025-02-25
Test Engineer	Mero Zhou		

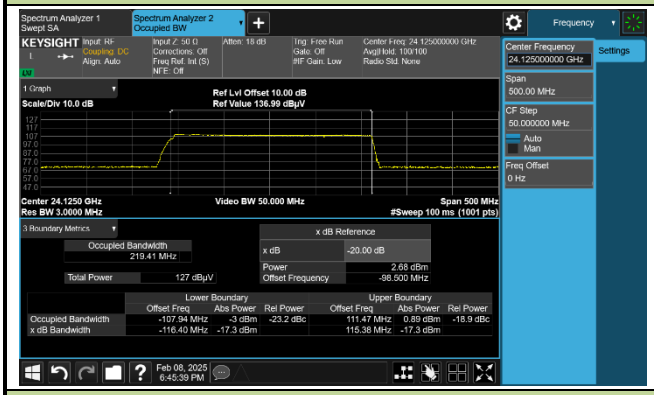
Test Mode	20dB Bandwidth (MHz)	F_L (MHz)	F_L Limit (MHz)	F_H (MHz)	F_H Limit (MHz)	Result
Mode 1	231.7800	24008.6000	≥ 24000	24240.3800	≤ 24250	Pass
Mode 2 (Low Channel)	22.0533	24067.2350	≥ 24000	--	--	Pass
Mode 2 (High Channel)	21.1392	--	--	24203.6062	≤ 24250	Pass

Note: Low Frequency (F_L) = Center Frequency + Lower Boundary;

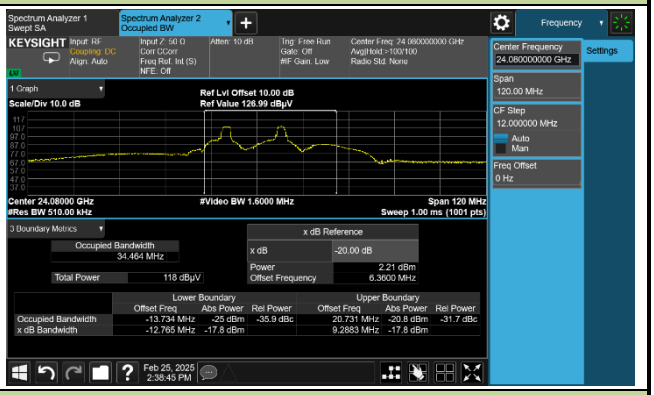
High Frequency (F_H) = Center Frequency + Upper Boundary.

20dB Bandwidth Measurement

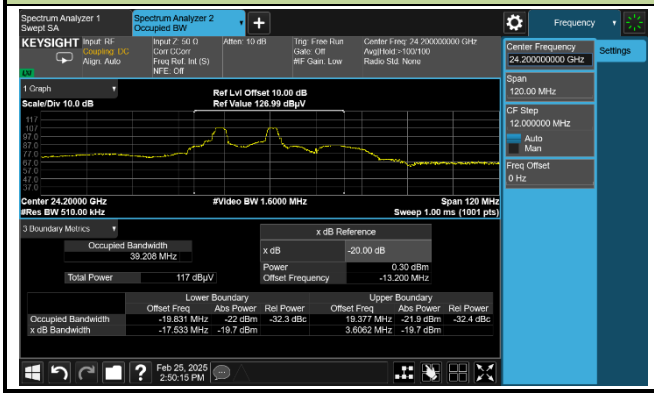
Mode 1



Mode 2



Mode 2



Appendix B - Test Setup Photograph

Refer to “2411RSU014-UT” file.

Appendix C - EUT Photograph

Refer to “2411RSU014-UE” file.