

EMC TEST REPORT

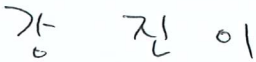
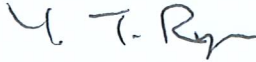
Project No.	LBE20250198	Issue No.	0
Applicant	Name of organization	Samsung Electronics Co., Ltd.	
	Address	(Maetan-dong) 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea	
	Date of receipt	May 27, 2025	
EUT	Type of device	☐ All other receivers subject to Part 15 ☒ Class B personal computers and peripherals ☒ Other Class B digital devices and peripherals ☐ FM Broadcast Receiver	
	Equipment authorization	☒ Certification ☐ Supplier's Declaration of Conformity	
	FCC ID	A3LSMX730	
	Kind of product	Portable Device	
	Model No.	SM-X730	
	Variant Model No.	Refer to clause 4.6	
	Manufacturer	Samsung Electronics Vietnam Thai Nguyen Co., Ltd. Yen Binh Industrial Zone Pho Ten Dist., Thai Nguyen Province, Vietnam	
Applied Standards	FCC 47 CFR Part 15, Subpart B, Class B / ANSI C63.4-2014		
Test Period	June 12, 2025 ~ June 16, 2025		
Issue date	June 24, 2025		
Test result : Complied The equipment under test has found to be compliant with the applied standards. (Refer to the attached test result for more detail.)			
Tested by : Jin-Yi Kang 		Reviewed by : Young-Ju Ryu 	
The test results in this report only apply to the tested sample. This report must not be reproduced, except in full, without written permission from Global CS center. * Not KOLAS report			
Samsung Electronics Co., Ltd., Global CS Center (Maetan dong) 129, Samsung-ro, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do 16677, Korea			

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1. Report Information

1.1 Revision history

No.	Date of Issue	Revised detailed information
Issue 0	June 24, 2025	There are no revisions and this version is basic test report.

※ Remark

Only compliance with Part 15B (Section 15.107 Conducted limits) requirements for the receiver part of the licensed transmitter (equipment code CXX) is covered by this report.

2. Summary of test results

2.1 Emission

The EUT has been tested according to the following specifications:

Applied	Test type	Applied standard	Result
■	Conducted Emission (Mains port)	FCC 47 CFR Part 15 Subpart B / ANSI C63.4-2014 (Class B)	Complied
■	Radiated Emission		Complied

3. General Information

3.1 Test facility

The Global CS Center is located on Samsung Electronics Co., Ltd. at (Maetan-dong) 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea.

All testing are performed in Semi-anechoic chambers conforming to the site attenuation characteristics defined by ANSI C63.4, CISPR 32, CISPR 16-1-4 and Shielded rooms.

And all antennas are properly calibrated using ANSI C63.5:2017.

The Global CS Center is an ISO/IEC 17025 accredited testing laboratory by the National Radio Research Agency with designation No. KR0004. for EMC testing.

4. Test Setup configuration

4.1 Test Peripherals

The cables used for these peripherals are either permanently attached by the peripheral manufacturer or coupled with an assigned cable as defined below.

The following is a listing of the EUT and peripherals utilized during the performance of EMC test:

Description	Model No.	Serial No.	Manufacturer / Trademark	FCC ID
Portable Device	SM-X730	-	SAMSUNG	A3LSMX730
Headset	EO-IC100	-	CRESYN	-
Data Cable	EP-DW767	-	RF TECH	-
Laptop Computer	Latitude5580	1WYRYM2	Dell	SDoC
Laptop Computer	Latitude5580	D3HRYM2	Dell	SDoC
Laptop AC Adapter	LA65NM130	5DEA	Dell	SDoC
Laptop AC Adapter	LA65NM130	5B3C	Dell	SDoC
Mouse	AA-SM7PCPB	CN57BA5903634ADV 8JJCD4371	SAMSUNG	SDoC
Mouse	SMH-210UB	TAKGA05788 Z	SAMSUNG	SDoC
Router	DIR-806A	RF0F1D8018454	D-Link	SDoC
Router	DIR-806A	RF0F1D8011504	D-Link	SDoC
Travel Adapter	EP-TA800B	R37Y4XX11Q8SC3	SALCOM	-
Micro SD Card	256GB	-	SAMSUNG	-
Monitor	27DU88	711NTQD8H004	LG	SDoC
Monitor AC Adapter	LCAP31	EH8NN629490055062	LG	SDoC
DP Cable	CDP01	-	KBEST	-
Docking Keyboard	EF-DX730	-	SAMSUNG	-
S-Pen	EJ-PX730	-	WACOM	-

This tablet device does not contain the minimum number of ports required for personal computer testing per ANSI C63.4, but the EUT is attached to a computer through its only available port, which represents worst case emissions. All other aspects of C63.4 testing requirements were maintained.

4.2 EUT operating mode

To achieve compliance applied standard specification including JAB and JBP requirement, the following mode(s) were made during compliance testing:

4.2.1 Conducted Emission

No.	Operating mode
1	Camera (Rear) + Charging (w/TA) + Book cover keyboard (Pogo pin)
2	Camera (Front) + Charging (w/TA) + Book cover keyboard (Pogo pin)
3	Video + Audio playback from internal memory + Charging (w/TA) + Book cover keyboard (Pogo pin)
4	USB data communication with PC (from external memory) + Book cover keyboard (Pogo pin)

4.2.2 Radiated Emission

No.	Operating mode
1	Camera (Rear) + Charging (w/TA) + Book cover keyboard (Pogo pin)
2	Camera (Front) (w/Headset) + Book cover keyboard (Pogo pin)
3	Video + Audio playback from internal memory (w/Headset) + Book cover keyboard (Pogo pin)
4	Video + Audio playback from internal memory + Display out (w/USB to Direct DP cable) + Book cover keyboard (Pogo pin)
5	USB data communication with PC (from external memory) + Book cover keyboard (Pogo pin)

4.3 Details of Sampling

Customer selected, single unit.

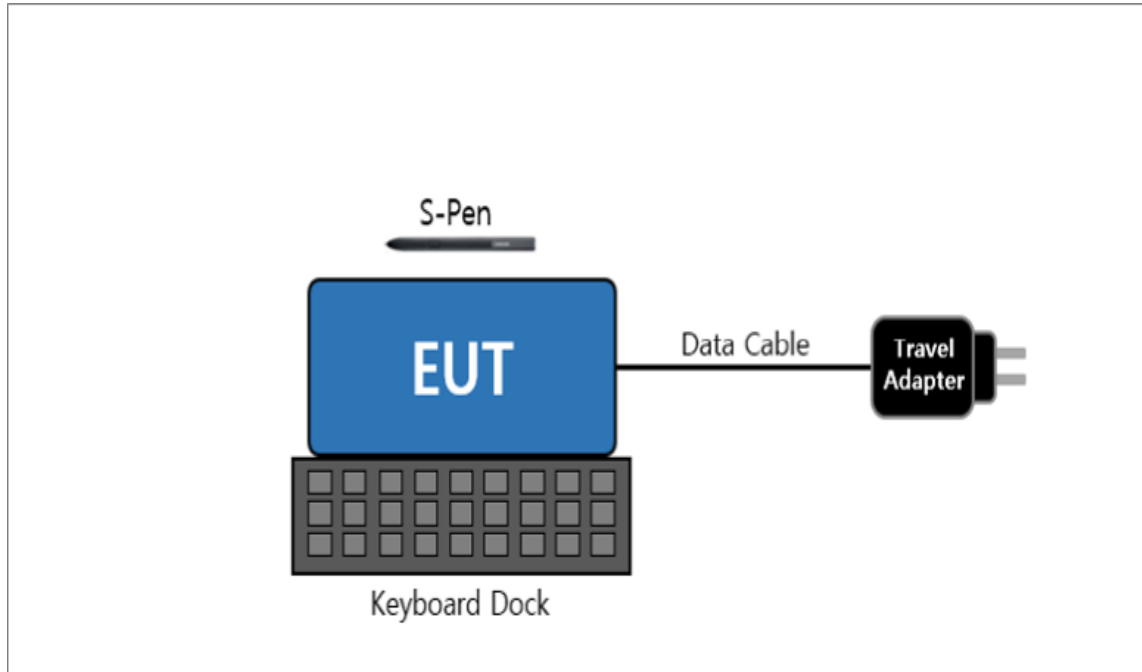
4.4 Used cable description

The EUT is configured, installed, arranged and operated in a manner consistent with typical applications. Interface cables/loads/devices are connected to at least one of each type of interface port of the EUT, and where practical, each cable shall be terminated in a device typical of actual usage. The type(s) of interconnecting cables to be used and the interface port (of the EUT) to which these were connected:

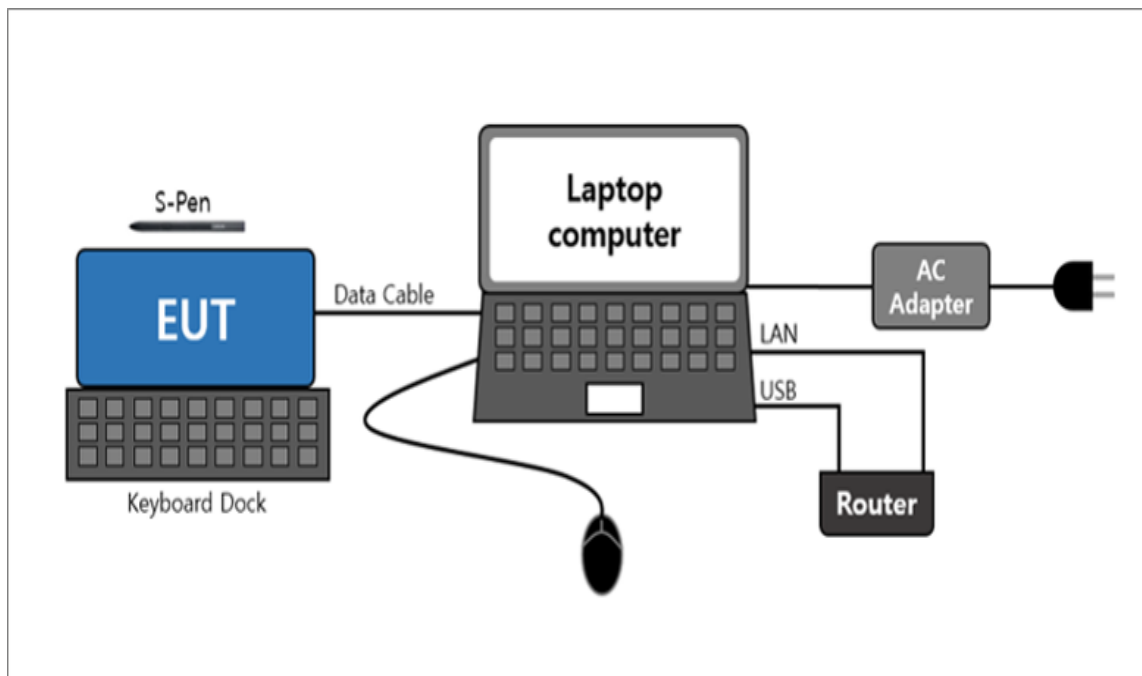
Connected cable	Length [m]	Shielded [Y/N]	Note
Data Cable	1.8	Y	From EUT to Laptop Computer or Travel Adapter
Headset	1.2	N	For EUT
Power(DC)	1.8	N	From Laptop Computer to AC Adapter
Power(AC)	1.5	N	For Laptop AC Adapter
LAN	1.5	N	From Laptop Computer to Router
USB	0.8	Y	From Laptop Computer to Router for DC Power
USB	1.8	Y	From Laptop Computer to Mouse
DP Cable	2.0	Y	From EUT to Monitor
Power(DC)	1.2	N	From Monitor to AC Adapter
Power(AC)	2.2	N	For Monitor AC Adapter

4.5 Test arrangement

4.5.1 Conducted Emission

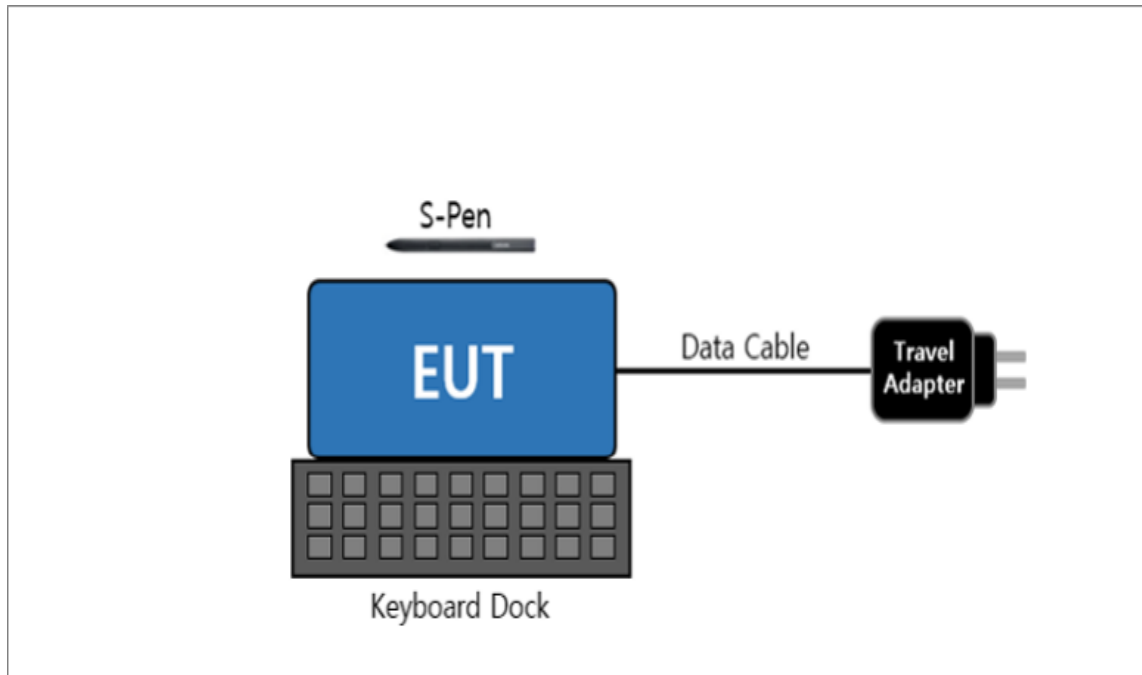


[Mode 1 – 3]

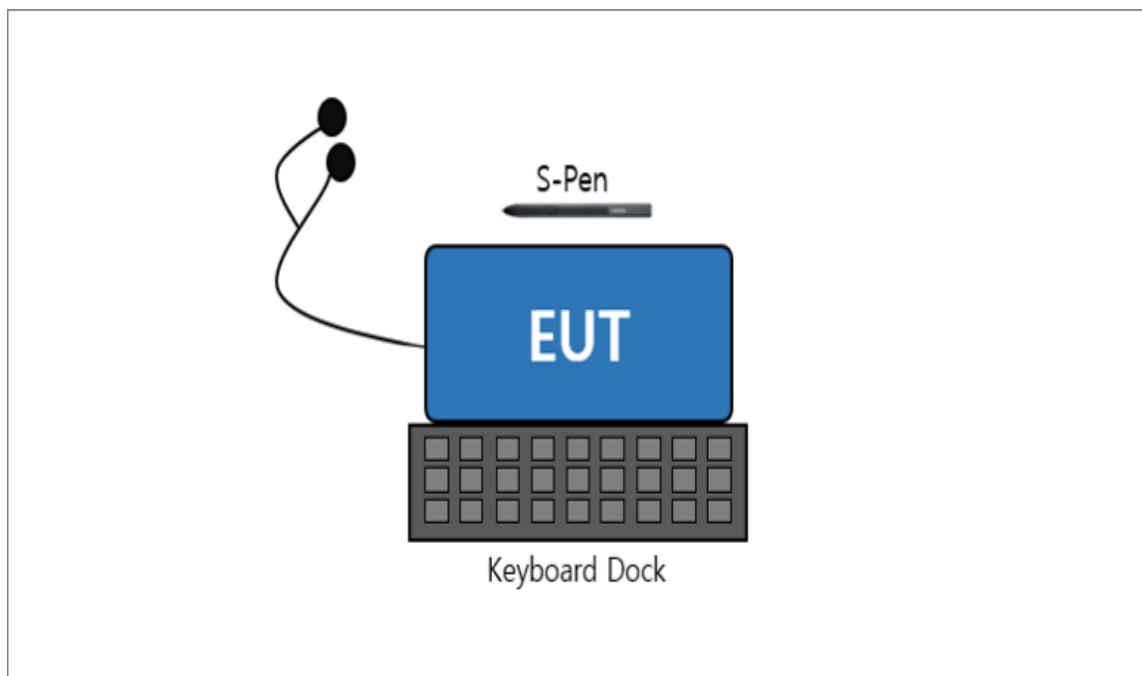


[Mode 4]

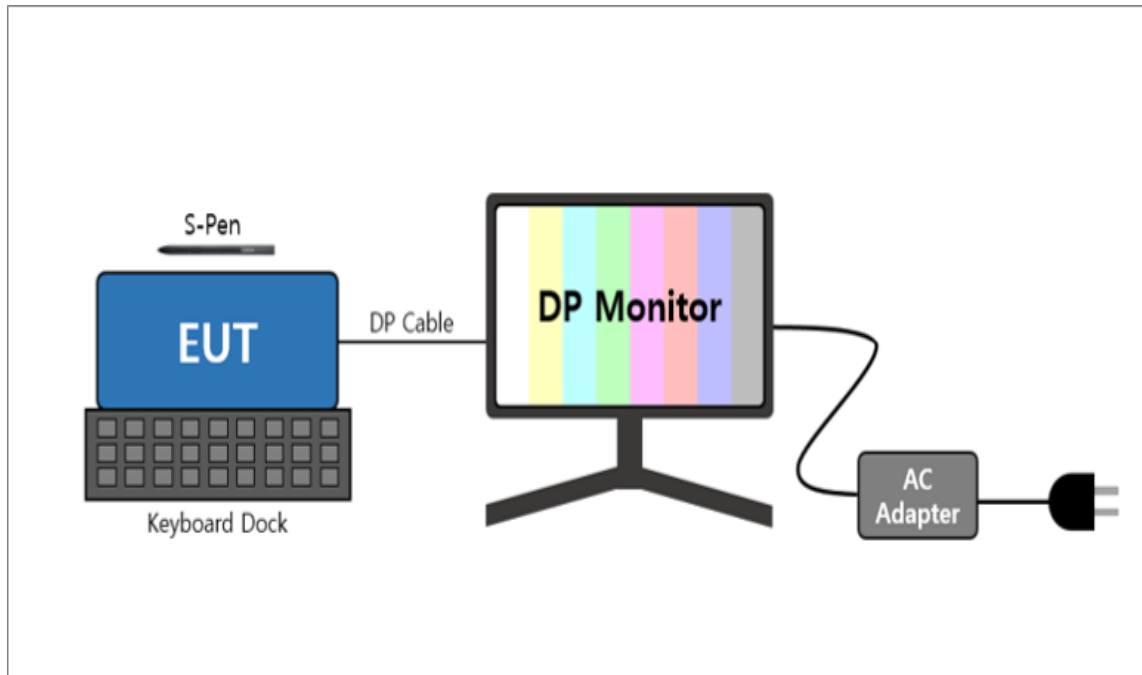
4.5.2 Radiated Emission



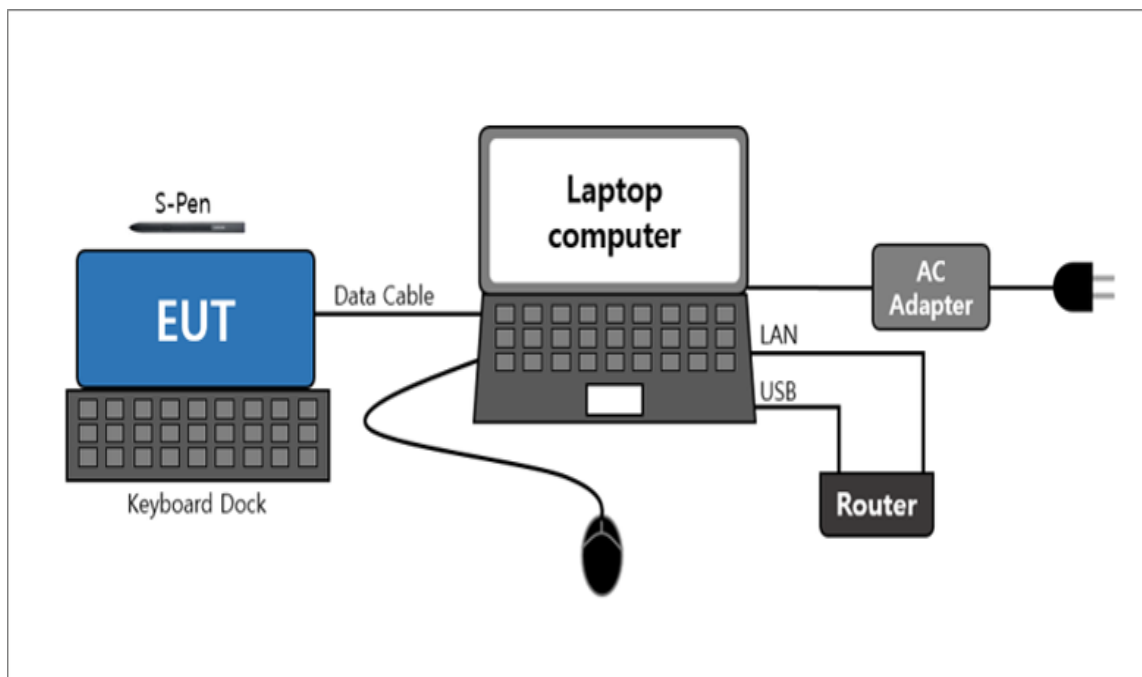
[Mode 1]



[Mode 2 – 3]



[Mode 4]



[Mode 5]

4.6 EUT Description

The EUT is a tablet type portable device which can operate on and incorporates a Bluetooth, Wi-Fi (802.11 b/g/n/a/ac/ax), Camera, Audio, Video, GNSS, DP, microSD Card, Pogo and S-Pen.

4.6.1 The variant models

- None

4.7 EUT Frequencies

The highest frequencies (Generated and used)	Frequency [MHz]
Wi-Fi	7 115

4.8 Test configuration and condition

The system was configured for testing in a typical fashion that a customer would normally use. Cables were attached to each of the available I/O Ports. Where applicable, peripherals were attached to the I/O cables.

All the external I/O ports are exercised, as well as internal and the external microSD card(if available), by writing and reading arbitrary data or charging with TA.

The EUT was investigated in three orientations and the worst case orientation is reported.

The video and audio(1 kHz sound) were repetitively played with the headset connected.

The video and audio(1 kHz sound) were played on monitor through display out function using direct DP cable.

The camera of the EUT was operated continuously.

Power source for the EUT operating was supplied by CVCF.

- Test Voltage : AC 120 V, 60 Hz

4.9 Measurement uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus : (According to CISPR 16-4-2 and UKAS M3003)

Test type		Measurement uncertainty (C.L. approximately 95 %, $k = 2$)
Conducted Emission	AC Mains	2.8 dB
Radiated Emission (Below 1 GHz)	Horizontal	4.6 dB
	Vertical	4.5 dB
Radiated Emission (Above 1 GHz)	Horizontal	5.0 dB
	Vertical	5.0 dB

* Remark

- 1) The values for uncertainty of conducted and radiated emissions are less than the Corresponding values of U_{cispr} given in CISPR 16-4-2. Therefore no adjustment of measurement results is necessary when comparing them with the relevant limits.

5. Results of individual test

5.1 Conducted Emission

The EUT is connected to a LISN via travel adapter. If the EUT is connected to the Laptop Computer USB port, the Laptop AC adapter is connected to a LISN.

Both conducted lines are measured in Quasi-Peak and CISPR-Average mode, including the worst-case data points for each tested configuration. The EUT measured in accordance with the methods described in standards.

Limits for Conducted emission at the mains ports of Class B

Frequency range Limits [MHz]	Resolution Bandwidth [kHz]	Limits [dB(μV)]	
		Quasi-peak	Average
0.15 to 0.50	9	66 to 56	56 to 46
0.50 to 5	9	56	46
5 to 30	9	60	50

NOTE 1 The lower limit shall apply at the transition frequency.

NOTE 2 The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

5.1.1 Test instrumentation

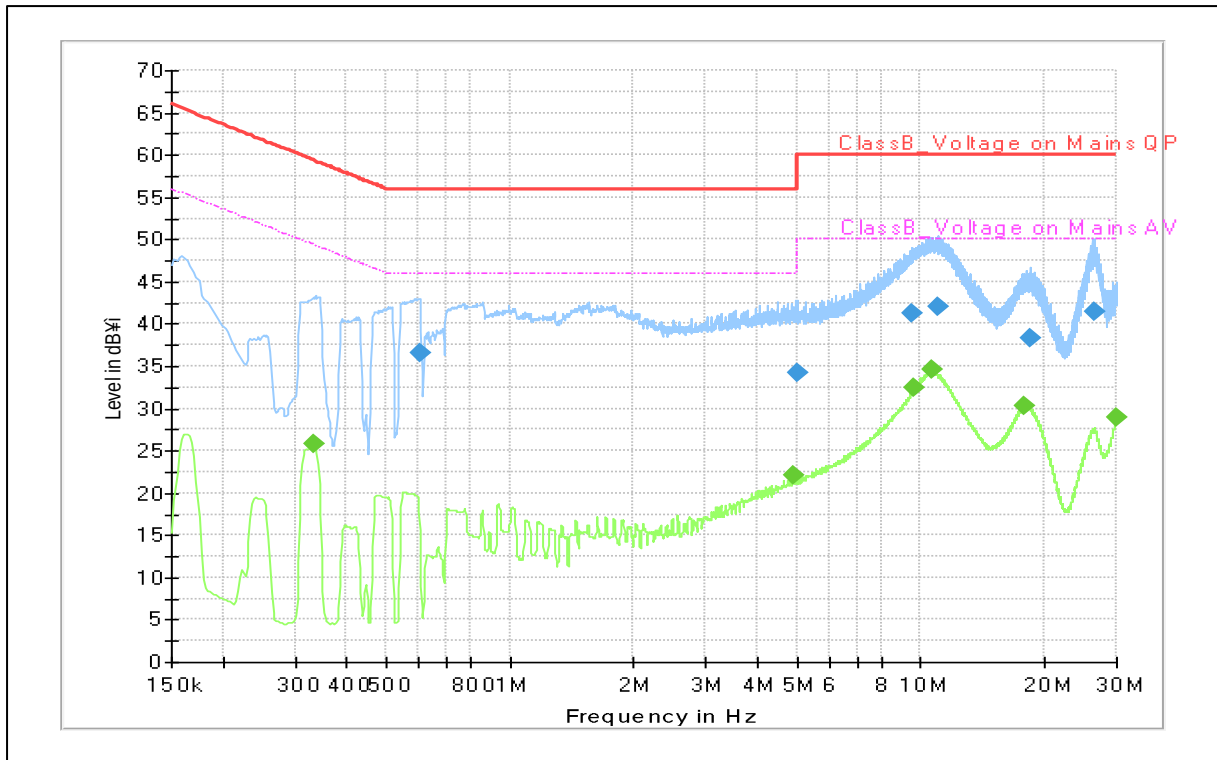
EMC No.	Test Instrument	Model name	Manufacturer	Serial No.	Next Calibration	
					Date	Interval (Month)
E5I-G-003	Two-Line V-Network	ENV216	R&S	102061	2026-02-07	12
E5I-B-007	EMI Test Receiver	ESW8	R&S	103124	2025-07-10	12
-	Test software	EMC32	R&S	Ver 10.60.20	-	-

5.1.2 Temperature and humidity condition

Test date	2025-06-16	Test engineer	Jin-Yi Kang
Climate condition	Ambient temperature	(22.6 ± 0.5) °C	Limit (15.0 to 35.0) °C
	Humidity	(47.5 ± 0.5) % R.H.	Limit (25.0 to 75.0) % R.H.
	Atmospheric pressure	(99.7 ± 0.5) kPa	Limit (86.0 to 106.0) kPa
Test place	Shield Room (SR8)		

5.1.3 Test Results

□ Operating Mode 1: AC Mains



Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP / CAV final measurement results table:

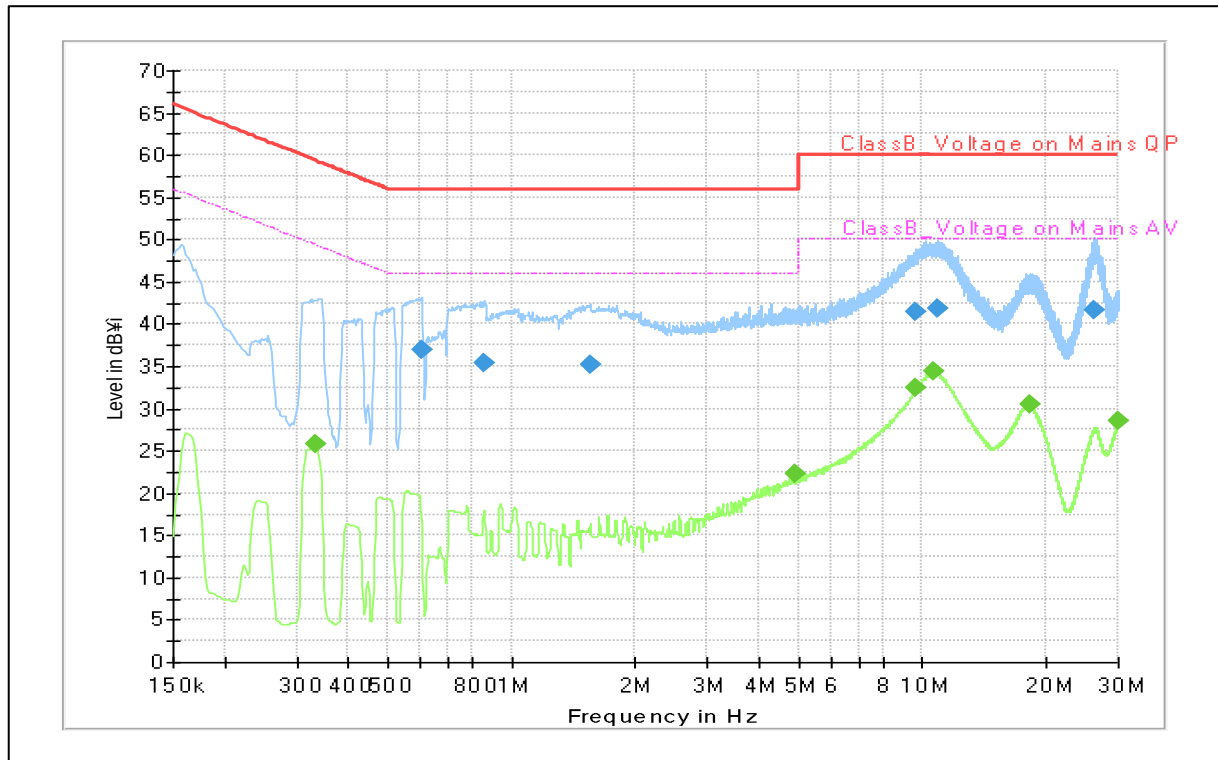
Frequency (MHz)	QP (dBμV)	CAV (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.335	---	25.8	49.3	23.5	L1	10.0
0.602	36.6	---	56.0	19.4	L1	10.1
4.884	---	22.2	46.0	23.8	N	10.1
4.997	34.2	---	56.0	21.8	N	10.1
9.490	41.3	---	60.0	18.7	N	10.2
9.602	---	32.4	50.0	17.6	L1	10.2
10.709	---	34.6	50.0	15.4	L1	10.2
11.069	42.0	---	60.0	18.0	N	10.3
17.909	---	30.4	50.0	19.6	N	10.6
18.546	38.3	---	60.0	21.7	N	10.6
26.556	41.4	---	60.0	18.6	N	10.7
29.933	---	28.9	50.0	21.1	L1	10.7

Note 2) Level (QP and/or CAV) = Meter Reading (QP and/or CAV) + Corr. (LISN Insertion Loss + Cable Loss)

Margin (QP and/or CAV) = Limit – Level (QP and/or CAV)

QP = Quasi-Peak, CAV = CISPR-Average, Corr. = Correction Factor

□ Operating Mode 2: AC Mains



Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP / CAV final measurement results table:

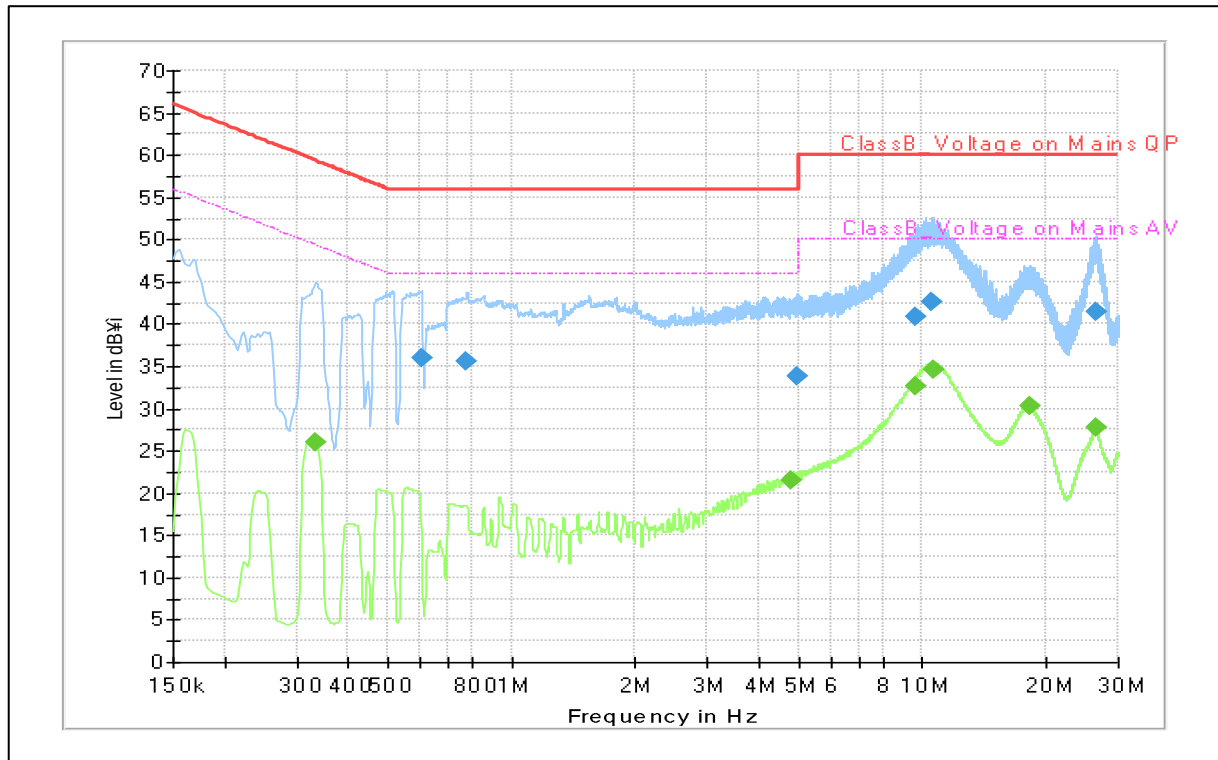
Frequency (MHz)	QP (dBμV)	CAV (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.335	---	25.8	49.3	23.5	L1	10.0
0.602	36.9	---	56.0	19.1	L1	10.1
0.861	35.4	---	56.0	20.6	L1	10.0
1.550	35.2	---	56.0	20.8	L1	9.9
4.893	---	22.3	46.0	23.7	N	10.1
9.616	41.5	---	60.0	18.5	N	10.3
9.638	---	32.5	50.0	17.5	L1	10.2
10.714	---	34.5	50.0	15.5	L1	10.2
10.874	41.9	---	60.0	18.1	N	10.3
18.213	---	30.5	50.0	19.5	N	10.6
26.277	41.6	---	60.0	18.4	N	10.7
29.992	---	28.6	50.0	21.4	L1	10.7

Note 2) Level (QP and/or CAV) = Meter Reading (QP and/or CAV) + Corr. (LISN Insertion Loss + Cable Loss)

Margin (QP and/or CAV) = Limit – Level (QP and/or CAV)

QP = Quasi-Peak, CAV = CISPR-Average, Corr. = Correction Factor

□ Operating Mode 3: AC Mains



Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP / CAV final measurement results table:

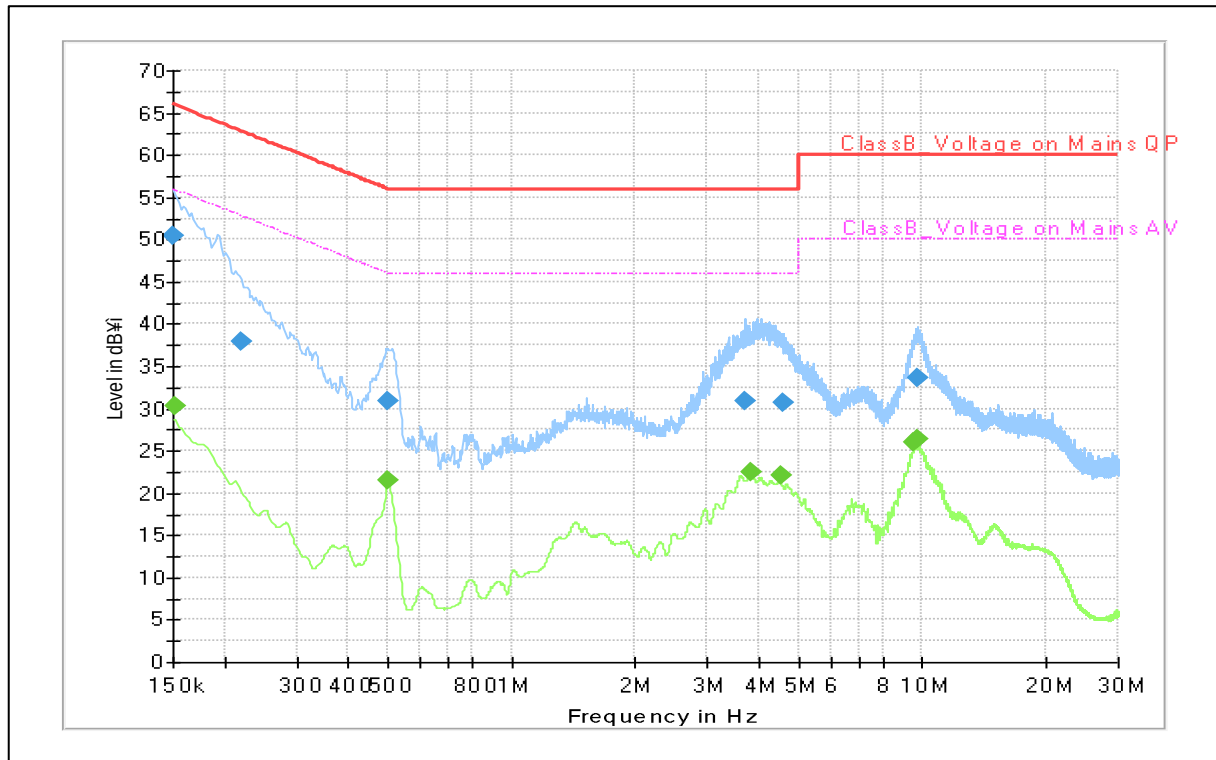
Frequency (MHz)	QP (dBμV)	CAV (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.335	---	26.1	49.3	23.2	L1	10.0
0.602	36.0	---	56.0	20.0	L1	10.1
0.778	35.6	---	56.0	20.4	L1	10.1
4.805	---	21.6	46.0	24.5	L1	10.0
4.947	33.9	---	56.0	22.1	L1	10.0
9.611	---	32.6	50.0	17.4	L1	10.2
9.632	40.8	---	60.0	19.2	L1	10.2
10.489	42.6	---	60.0	17.4	L1	10.2
10.660	---	34.6	50.0	15.4	L1	10.2
18.242	---	30.4	50.0	19.6	N	10.6
26.513	---	27.8	50.0	22.2	N	10.7
26.547	41.4	---	60.0	18.6	N	10.7

Note 2) Level (QP and/or CAV) = Meter Reading (QP and/or CAV) + Corr. (LISN Insertion Loss + Cable Loss)

Margin (QP and/or CAV) = Limit – Level (QP and/or CAV)

QP = Quasi-Peak, CAV = CISPR-Average, Corr. = Correction Factor

□ Operating Mode 4: AC Mains



Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP / CAV final measurement results table:

Frequency (MHz)	QP (dBμV)	CAV (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.150	50.4	---	66.0	15.6	N	9.8
0.152	---	30.2	55.9	25.7	L1	9.8
0.220	37.9	---	62.8	25.0	N	9.9
0.499	31.0	---	56.0	25.1	L1	10.1
0.501	---	21.6	46.0	24.4	L1	10.1
3.716	30.8	---	56.0	25.2	N	9.8
3.820	---	22.5	46.0	23.5	N	9.8
4.524	---	22.1	46.0	23.9	L1	9.8
4.576	30.8	---	56.0	25.2	N	9.8
9.526	---	26.1	50.0	23.9	L1	9.9
9.706	---	26.5	50.0	23.5	L1	9.9
9.724	33.6	---	60.0	26.4	L1	9.9

Note 2) Level (QP and/or CAV) = Meter Reading (QP and/or CAV) + Corr. (LISN Insertion Loss + Cable Loss)

Margin (QP and/or CAV) = Limit – Level (QP and/or CAV)

QP = Quasi-Peak, CAV = CISPR-Average, Corr. = Correction Factor

5.2 Radiated Emission

The following data lists the significant emission frequencies, measured levels, correction factors (for antenna and cables), orientation of table, polarization and height of antenna, the corrected reading, the limit, and the amount of margin.

Peak measurements were made over the changeable frequency range 30 MHz to 1 GHz at a measurement distance of 10 m for the following antenna and turntable arrangements:

Antenna Height [cm]	Antenna Polarization	Resolution Bandwidth [kHz]	Video Bandwidth [kHz]	Turntable position [degrees]
100 ~ 400	Horizontal, Vertical	120	300	Continuous

Measurements within 6 dB of the limit were then maximized by adjusting turntable position.

Final measurements were made using quasi-peak detector.

Peak/CISPR-Average measurements were made over the changeable frequency range 1 GHz to 40 GHz or 5th harmonics of the highest frequency generated or used in the device or on which the device operates or tunes at a measurement distance of 3 m for the following antenna and turntable arrangements. The measurements above 1 GHz were performed with the bore-sighting antenna aimed at the EUT.

Antenna Height [cm]	Antenna Polarization	Resolution Bandwidth [MHz]	Video Bandwidth [MHz]	Turntable position [degrees]
100 ~ 400	Horizontal, Vertical	1	3	Continuous

Measurements within 6 dB of the limit were then maximized by adjusting turntable position.

Final measurements were made using peak and CISPR-average detectors.

Limits for Radiated emission of Class B at a measuring distance of 3 m and 10 m

Frequency range Limits [MHz]	Field Strength		
	3 m [$\mu\text{V/m}$]	3 m [$\text{dB}(\mu\text{V/m})$]	10 m [$\text{dB}(\mu\text{V/m})$]
30 to 88	100	40.0	29.5
88 to 216	150	43.5	33.0
216 to 960	200	46.0	35.5
Above 960	500	54.0	43.5

Note) Distance correction formula from D1(3m) to D2(10m)

: Limit at D2 = Limit at D1 + $20\text{Log}(D1/D2)$

Results checked manually; and points close to the limit line were re-measured.

5.2.1 Test instrumentation

EMC No.	Test Instrument	Model name	Manufacturer	Serial No.	Next Calibration	
					Date	Interval (Month)
E5I-B-005	EMI Test Receiver	ESU40	R&S	100375	2025-10-16	12
E5I-B-003	EMI Test Receiver	ESU8	R&S	100483	2026-02-05	12
E5I-B-008	EMI Test Receiver	ESW44	R&S	103129	2025-07-10	12
E5I-A-002	BiLog Antenna	CBL6112D	TESEQ	35383	2025-07-21	24
E5I-A-006	BiLog Antenna	CBL6112D	TESEQ	36999	2025-07-21	24
E5I-E-005	Preamplifier	310N	SONOMA	273122	2026-01-22	12
E5I-E-006	Preamplifier	310N	SONOMA	282363	2026-01-22	12
E5I-A-007	Horn Antenna	HF907	R&S	102525	2026-03-28	24
E5I-E-008	Signal Conditioning Unit	SCU-18	R&S	10210	2026-03-31	12
E5I-A-013	WideBand Horn Antenna	QMS-00880	STEATITE	25187	2025-12-05	12
E5I-E-010	Signal Conditioning Unit	SCU-40A	R&S	10003	2026-01-22	12
-	Test software	EP7RE	TOYO	Ver 8.0.20	-	-
-	Test software	EMC32	R&S	Ver 10.60.20	-	-

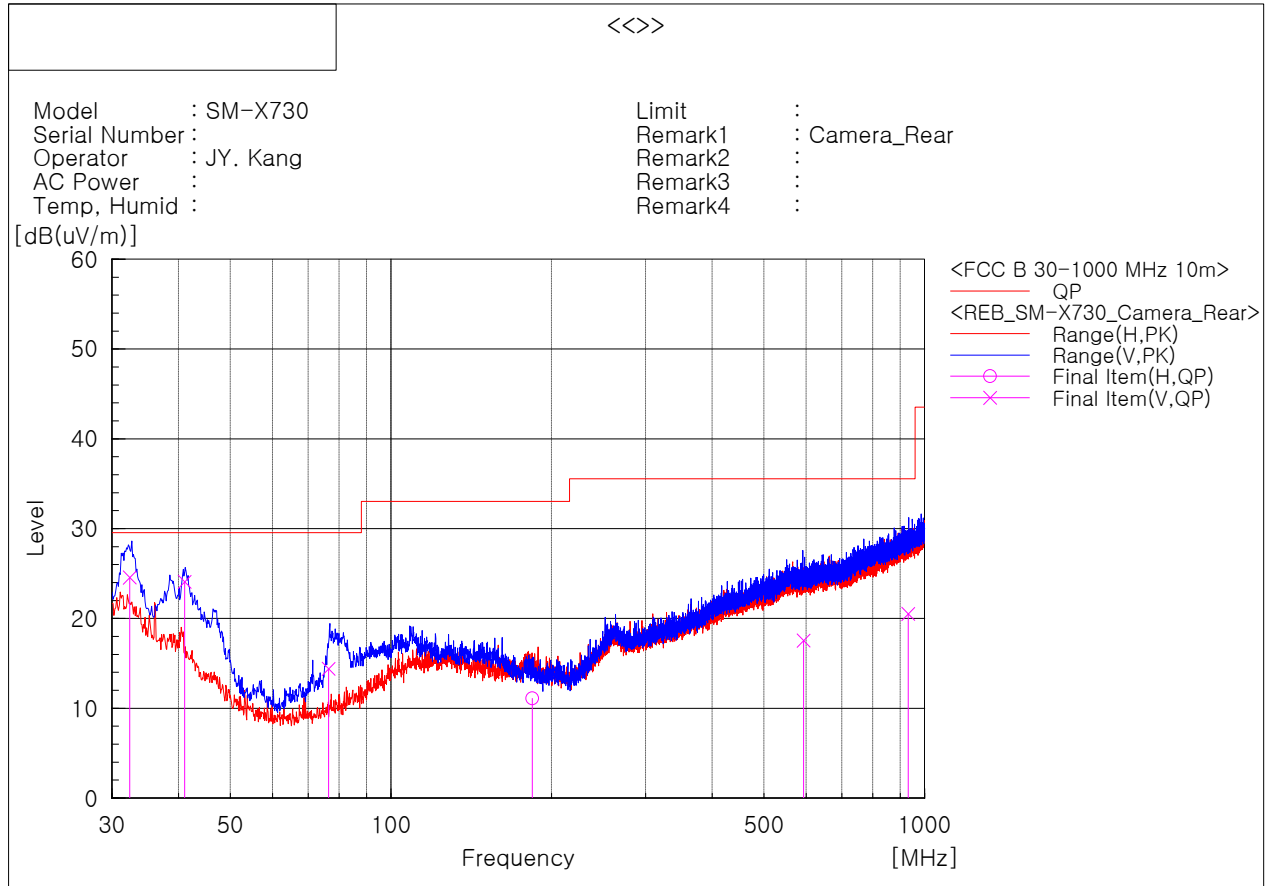
5.2.1 Temperature and humidity condition

Test date	2025-06-12 2025-06-13	Test engineer	Jin-Yi Kang
Climate condition	Ambient temperature	(21.3 ± 0.5) °C (21.4 ± 0.5) °C	Limit (15.0 to 35.0) °C
	Humidity	(47.4 ± 0.5) % R.H. (47.9 ± 0.5) % R.H.	Limit (25.0 to 75.0) % R.H.
	Atmospheric pressure	(101.1 ± 0.5) kPa (100.9 ± 0.5) kPa	Limit (86.0 to 106.0) kPa
Test place	Semi-Anechoic Chamber (SAC5)		

5.2.3 Test Results

□ Operating Mode 1

- Frequencies below 1 GHz



Final Result

No.	Frequency [MHz]	(P)	Reading _{QP} [dB(uV)]	c.f [dB(1/m)]	Result _{QP} [dB(uV/m)]	Limit _{QP} [dB(uV/m)]	Margin _{QP} [dB]	Height [cm]	Angle [deg]	System
1	32.389	V	31.8	-7.2	24.6	29.5	4.9	100	137	2
2	41.045	V	36.0	-11.9	24.1	29.5	5.4	100	0	2
3	76.435	V	31.8	-17.4	14.4	29.5	15.1	181	21	2
4	184.066	H	26.5	-15.4	11.1	33.0	21.9	398	42	1
5	593.046	V	20.2	-2.6	17.6	35.5	17.9	251	308	2
6	932.106	V	19.1	1.4	20.5	35.5	15.0	225	174	2

Note1) Receiving antenna polarization : Horizontal, Vertical

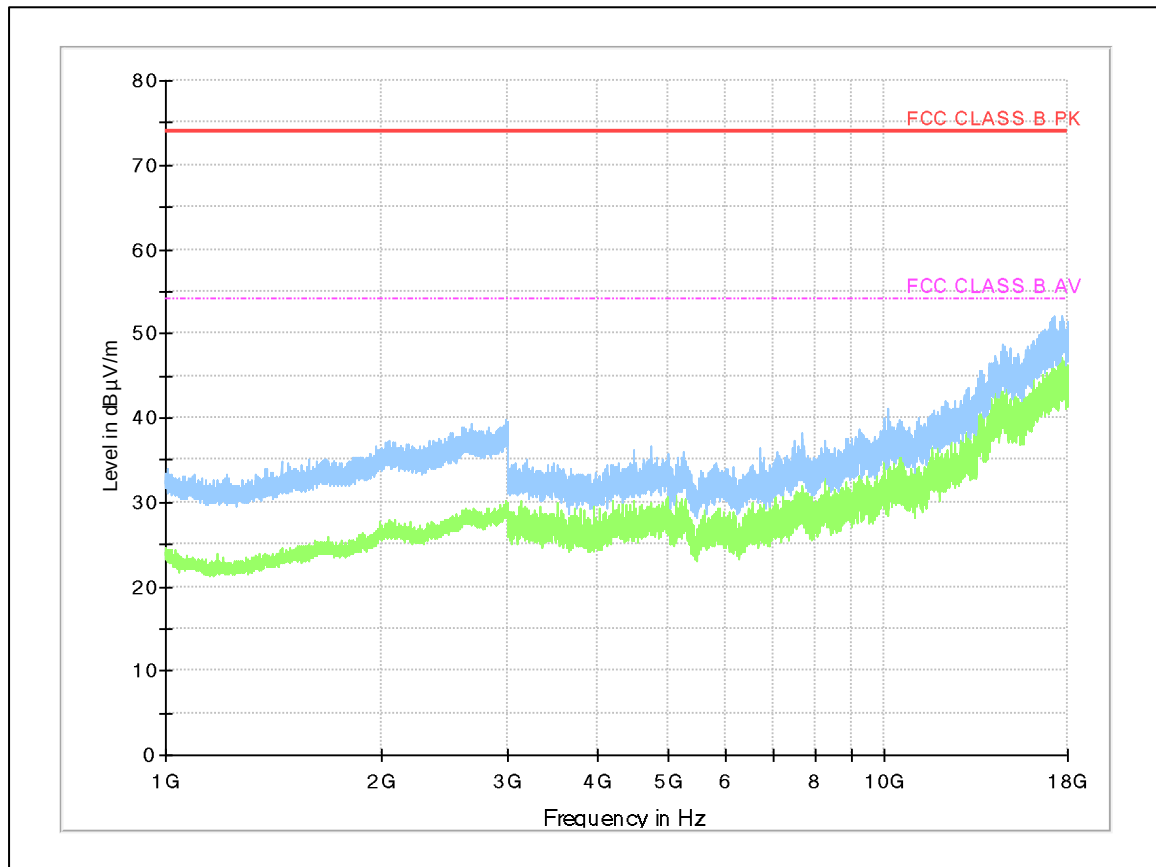
Test Distance : 10 m, Antenna Height : 1 to 4 meters

Result (QP) = Reading (QP) + c.f (Antenna Factor + Cable Loss - Amp. Gain)

Margin (QP) = Limit - Level (QP)

QP = Quasi-Peak, c.f = Correction Factor

- Frequencies above 1 GHz



Note 1) We have also tested from 18 GHz to 40 GHz and found no emissions.

Note 2) Receiving antenna polarization : Horizontal, Vertical

Test Distance : 3 m, Antenna Height : 1 to 4 meters

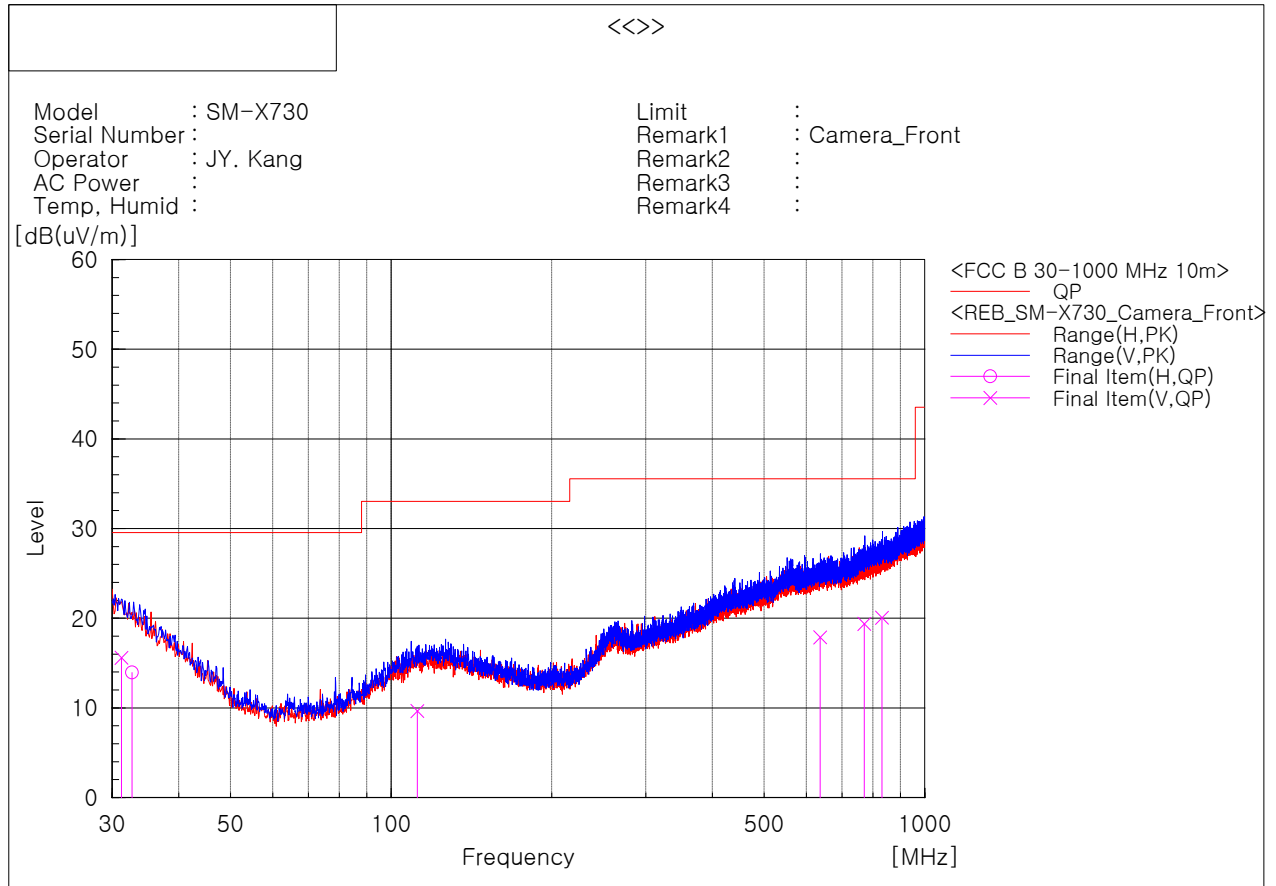
Level (PK and/or CAV) = Reading (PK and/or CAV) + Corr. (Antenna Factor + Cable Loss - Amp. Gain)

Margin (PK and/or CAV) = Limit – Level (PK and/or CAV)

PK = Peak, CAV = CISPR-Average, Corr. = Correction Factor

□ Operating Mode 2

- Frequencies below 1 GHz



Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	System
1	31.228	V	22.2	-6.6	15.6	29.5	13.9	208	86	2
2	32.683	H	22.5	-8.6	13.9	29.5	15.6	107	65	1
3	111.914	V	21.3	-11.7	9.6	33.0	23.4	400	301	2
4	636.865	V	19.9	-2.0	17.9	35.5	17.6	400	158	2
5	770.214	V	20.0	-0.6	19.4	35.5	16.1	289	338	2
6	831.568	V	20.0	0.1	20.1	35.5	15.4	368	5	2

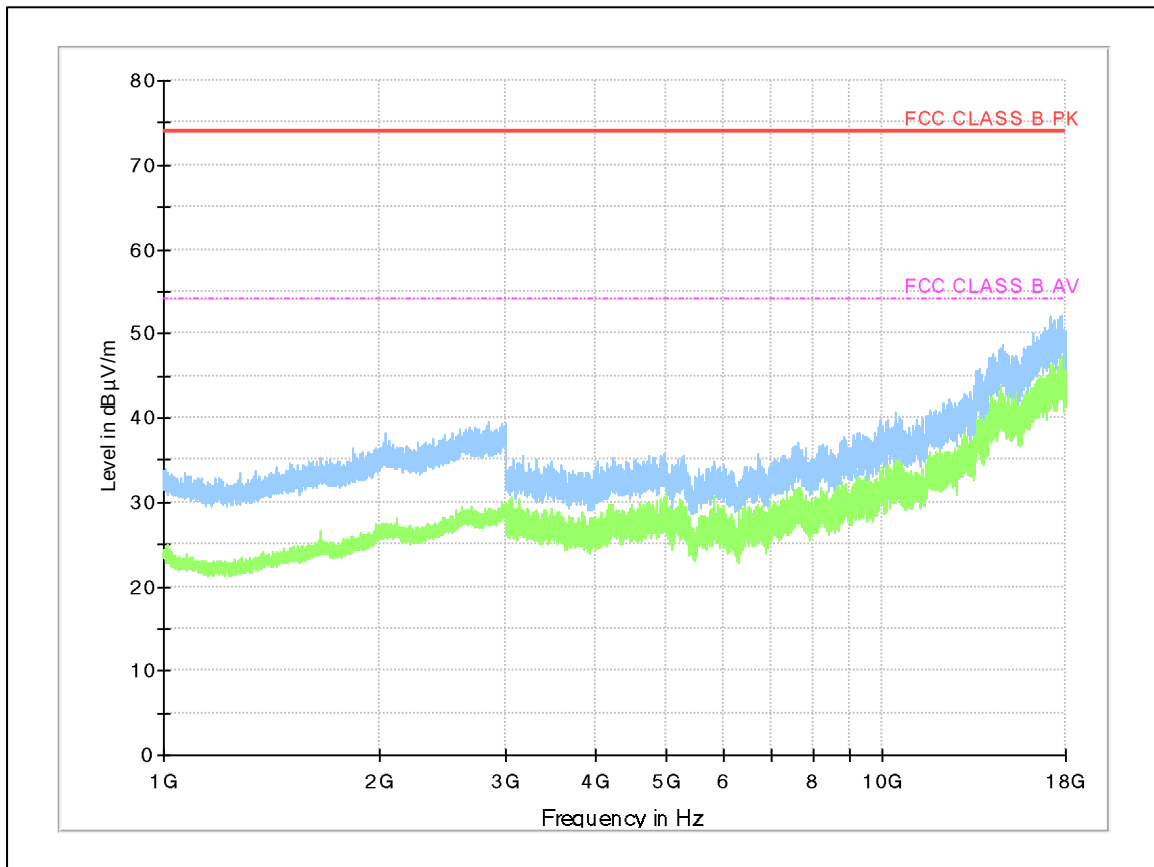
Note1) Receiving antenna polarization : Horizontal, Vertical

Test Distance : 10 m, Antenna Height : 1 to 4 meters

Result (QP) = Reading (QP) + c.f (Antenna Factor + Cable Loss - Amp. Gain)

Margin (QP) = Limit - Level (QP)

QP = Quasi-Peak, c.f = Correction Factor

- Frequencies above 1 GHz

Note 1) We have also tested from 18 GHz to 40 GHz and found no emissions.

Note 2) Receiving antenna polarization : Horizontal, Vertical

Test Distance : 3 m, Antenna Height : 1 to 4 meters

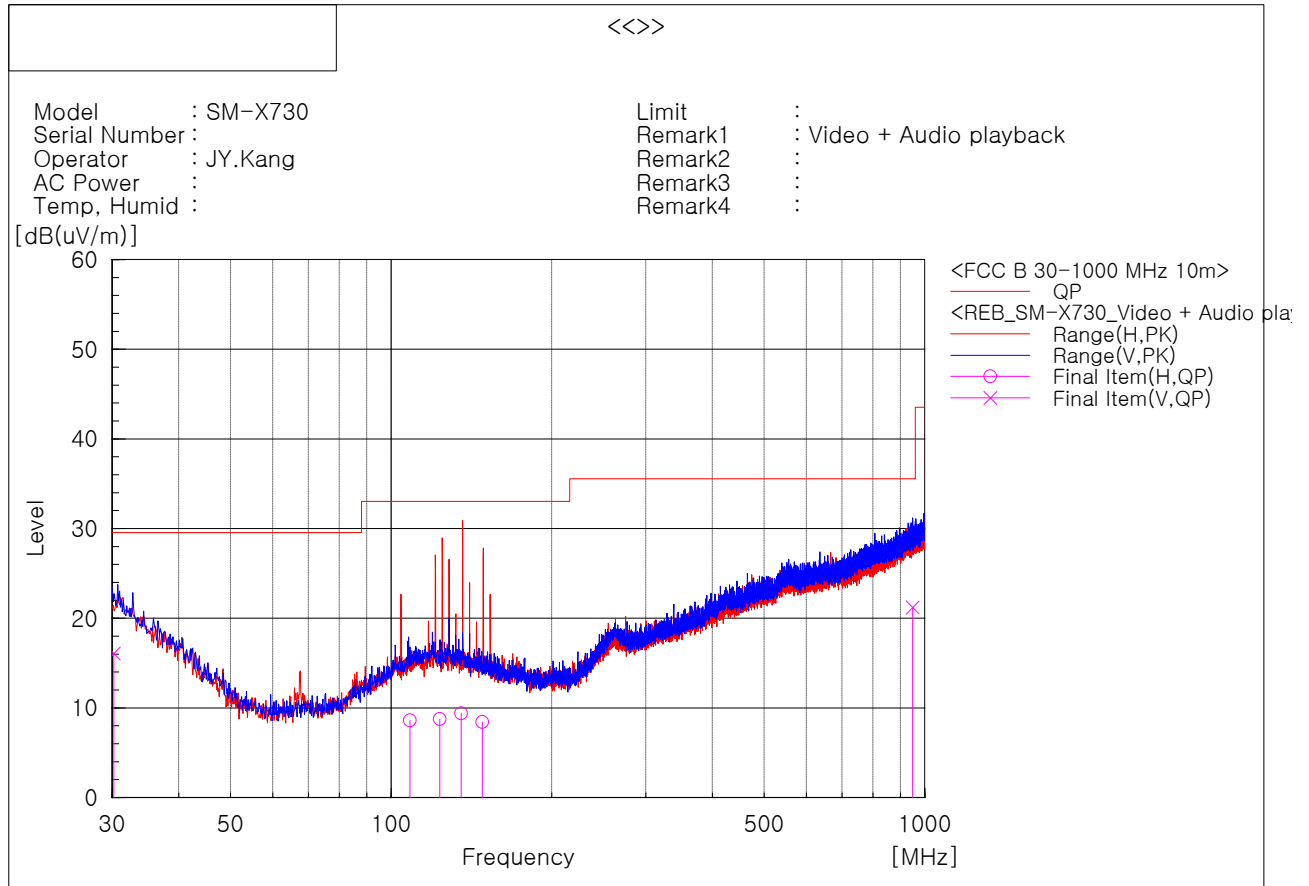
Level (PK and/or CAV) = Reading (PK and/or CAV) + Corr. (Antenna Factor + Cable Loss - Amp. Gain)

Margin (PK and/or CAV) = Limit – Level (PK and/or CAV)

PK = Peak, CAV = CISPR-Average, Corr. = Correction Factor

□ Operating Mode 3

- Frequencies below 1 GHz



Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	System
1	30.210	V	22.2	-6.1	16.1	29.5	13.4	260	331	2
2	108.377	H	22.1	-13.5	8.6	33.0	24.4	133	290	1
3	123.315	H	21.8	-13.0	8.8	33.0	24.2	250	284	1
4	135.269	H	22.9	-13.5	9.4	33.0	23.6	377	121	1
5	148.156	H	22.5	-14.1	8.4	33.0	24.6	303	109	1
6	948.585	V	19.5	1.7	21.2	35.5	14.3	327	83	2

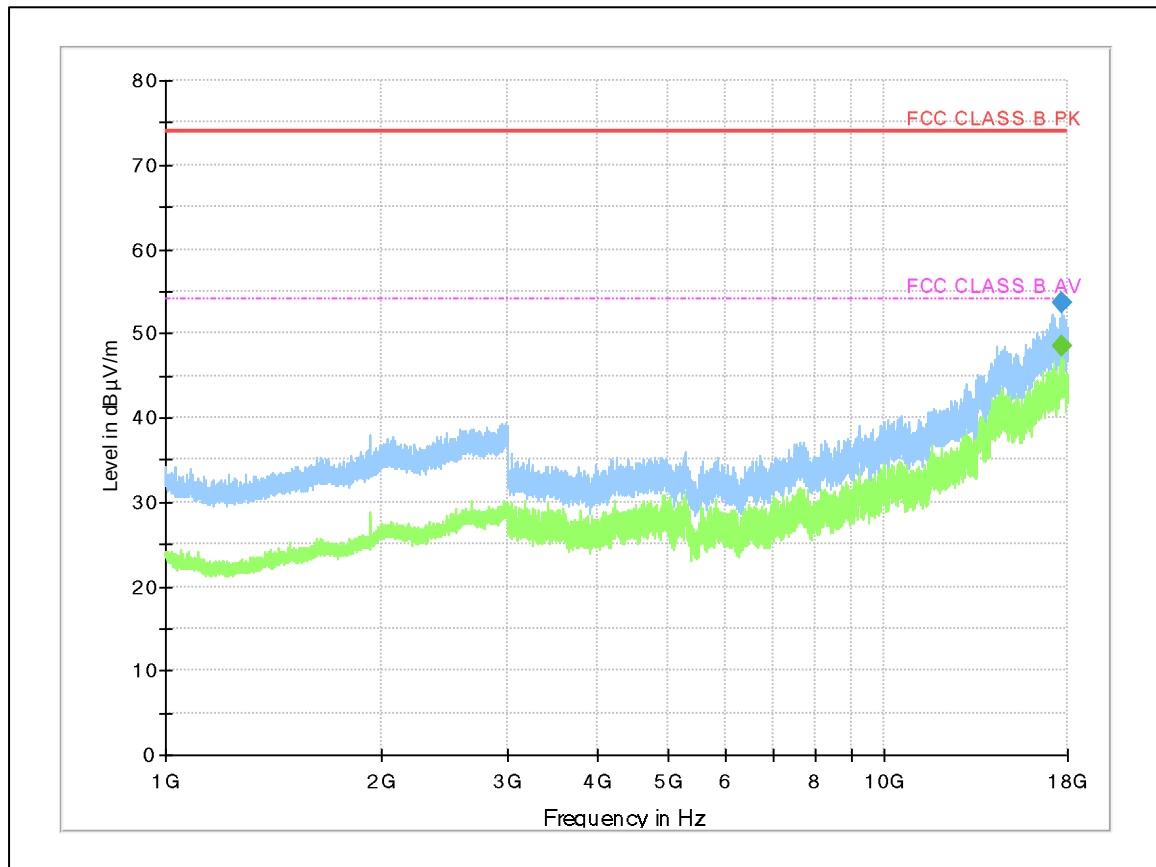
Note1) Receiving antenna polarization : Horizontal, Vertical

Test Distance : 10 m, Antenna Height : 1 to 4 meters

Result (QP) = Reading (QP) + c.f (Antenna Factor + Cable Loss - Amp. Gain)

Margin (QP) = Limit - Level (QP)

QP = Quasi-Peak, c.f = Correction Factor

- Frequencies above 1 GHz

Frequency (MHz)	PK (dBμV/m)	CAV (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
17 696.500	53.7	---	74.0	20.3	102.1	H	77.0	39.6
17 696.500	---	48.6	54.0	5.4	101.2	H	77.0	39.6

Note 1) We have also tested from 18 GHz to 40 GHz and found no emissions.

Note 2) Receiving antenna polarization : Horizontal, Vertical

Test Distance : 3 m, Antenna Height : 1 to 4 meters

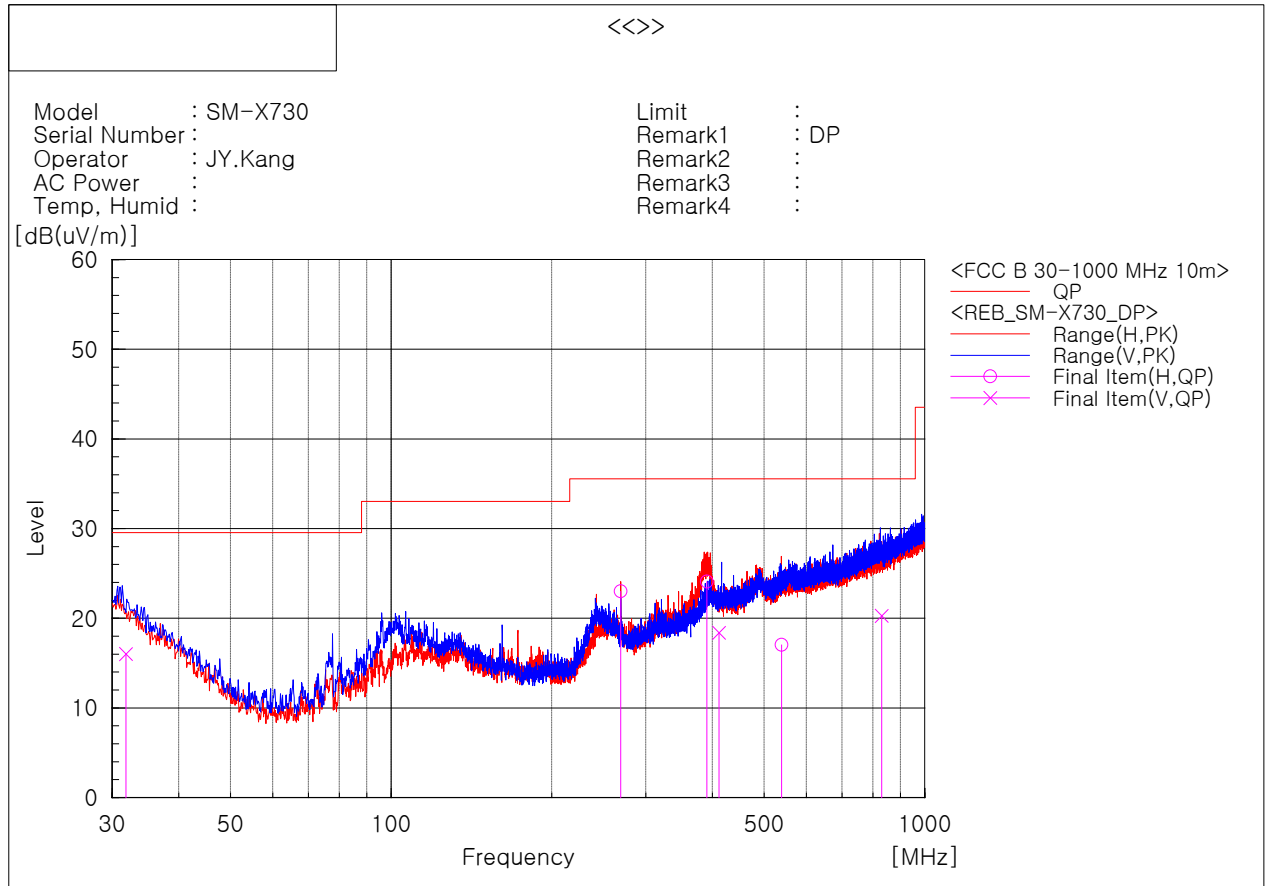
Level (PK and/or CAV) = Reading (PK and/or CAV) + Corr. (Antenna Factor + Cable Loss - Amp. Gain)

Margin (PK and/or CAV) = Limit – Level (PK and/or CAV)

PK = Peak, CAV = CISPR-Average, Corr. = Correction Factor

□ Operating Mode 4

- Frequencies below 1 GHz



Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	System
1	31.850	V	23.0	-7.0	16.0	29.5	13.5	100	273	2
2	269.334	H	33.8	-10.8	23.0	35.5	12.5	355	145	1
3	390.223	H	32.4	-8.3	24.1	35.5	11.4	264	168	1
4	411.518	V	24.0	-5.6	18.4	35.5	17.1	318	173	2
5	538.994	H	21.7	-4.7	17.0	35.5	18.5	235	216	1
6	829.957	V	20.2	0.1	20.3	35.5	15.2	233	291	2

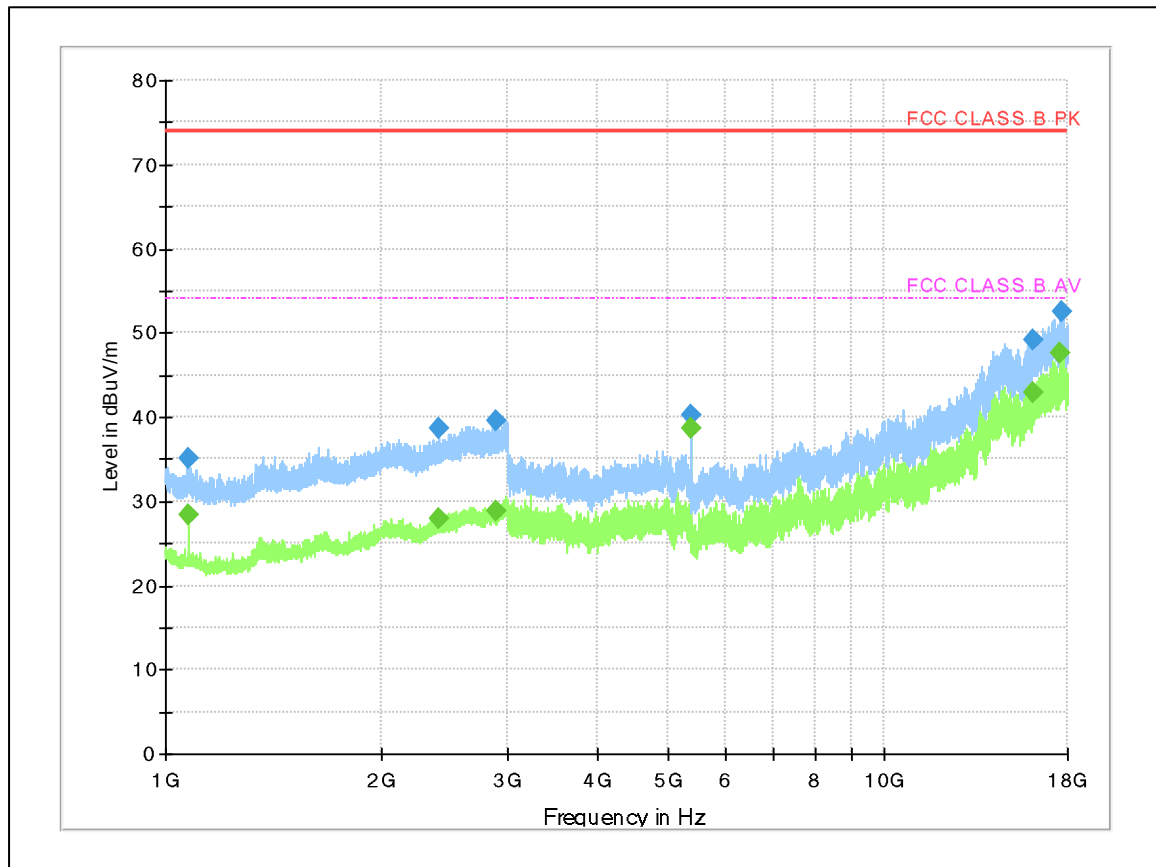
Note1) Receiving antenna polarization : Horizontal, Vertical

Test Distance : 10 m, Antenna Height : 1 to 4 meters

Result (QP) = Reading (QP) + c.f (Antenna Factor + Cable Loss - Amp. Gain)

Margin (QP) = Limit - Level (QP)

QP = Quasi-Peak, c.f = Correction Factor

- Frequencies above 1 GHz

Frequency (MHz)	PK (dB μ V/m)	CAV (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1 077.200	---	28.3	54.0	25.7	101.0	V	300.0	4.4
1 077.400	35.1	---	74.0	38.9	100.2	H	306.0	4.4
2 406.000	38.6	---	74.0	35.4	101.6	H	250.0	10.1
2 406.000	---	27.9	54.0	26.1	100.2	H	250.0	10.1
2 878.200	39.7	---	74.0	34.3	100.1	H	156.0	12.1
2 880.400	---	28.9	54.0	25.1	100.6	V	306.0	12.1
5 399.500	40.2	---	74.0	33.8	101.3	H	133.0	4.4
5 400.000	---	38.6	54.0	15.4	101.1	H	133.0	4.4
16 114.500	---	42.8	54.0	11.2	101.4	H	76.0	36.1
16 114.500	49.1	---	74.0	24.9	101.5	H	76.0	36.1
17 546.000	---	47.5	54.0	6.5	100.6	H	308.0	39.8
17 690.500	52.5	---	74.0	21.5	101.4	H	260.0	39.8

Note 1) We have also tested from 18 GHz to 40 GHz and found no emissions.

Note 2) Receiving antenna polarization : Horizontal, Vertical

Test Distance : 3 m, Antenna Height : 1 to 4 meters

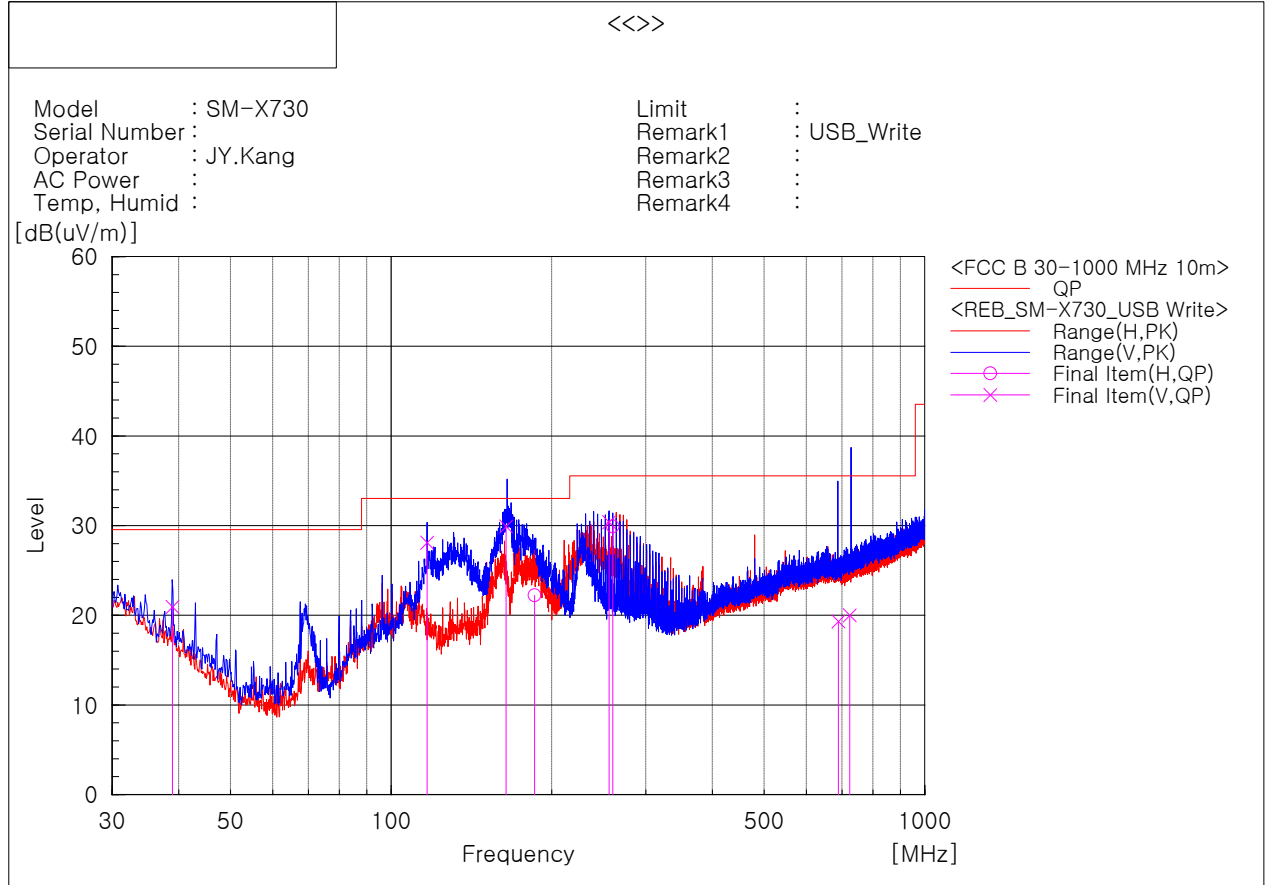
Level (PK and/or CAV) = Reading (PK and/or CAV) + Corr. (Antenna Factor + Cable Loss - Amp. Gain)

Margin (PK and/or CAV) = Limit – Level (PK and/or CAV)

PK = Peak, CAV = CISPR-Average, Corr. = Correction Factor

□ Operating Mode 5

- Frequencies below 1 GHz



Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(uV)]	c.f [dB(1/m)]	Result QP [dB(uV/m)]	Limit QP [dB(uV/m)]	Margin QP [dB]	Height [cm]	Angle [deg]	System
1	38.894	V	31.6	-10.7	20.9	29.5	8.6	266	162	2
2	116.754	V	39.7	-11.6	28.1	33.0	4.9	101	228	2
3	164.115	V	43.4	-13.5	29.9	33.0	3.1	100	336	2
4	185.702	H	37.6	-15.4	22.2	33.0	10.8	400	226	1
5	255.991	V	39.4	-9.0	30.4	35.5	5.1	100	162	2
6	260.082	H	40.6	-10.7	29.9	35.5	5.6	346	263	1
7	689.171	V	21.3	-2.0	19.3	35.5	16.2	319	290	2
8	723.420	V	21.6	-1.6	20.0	35.5	15.5	326	36	2

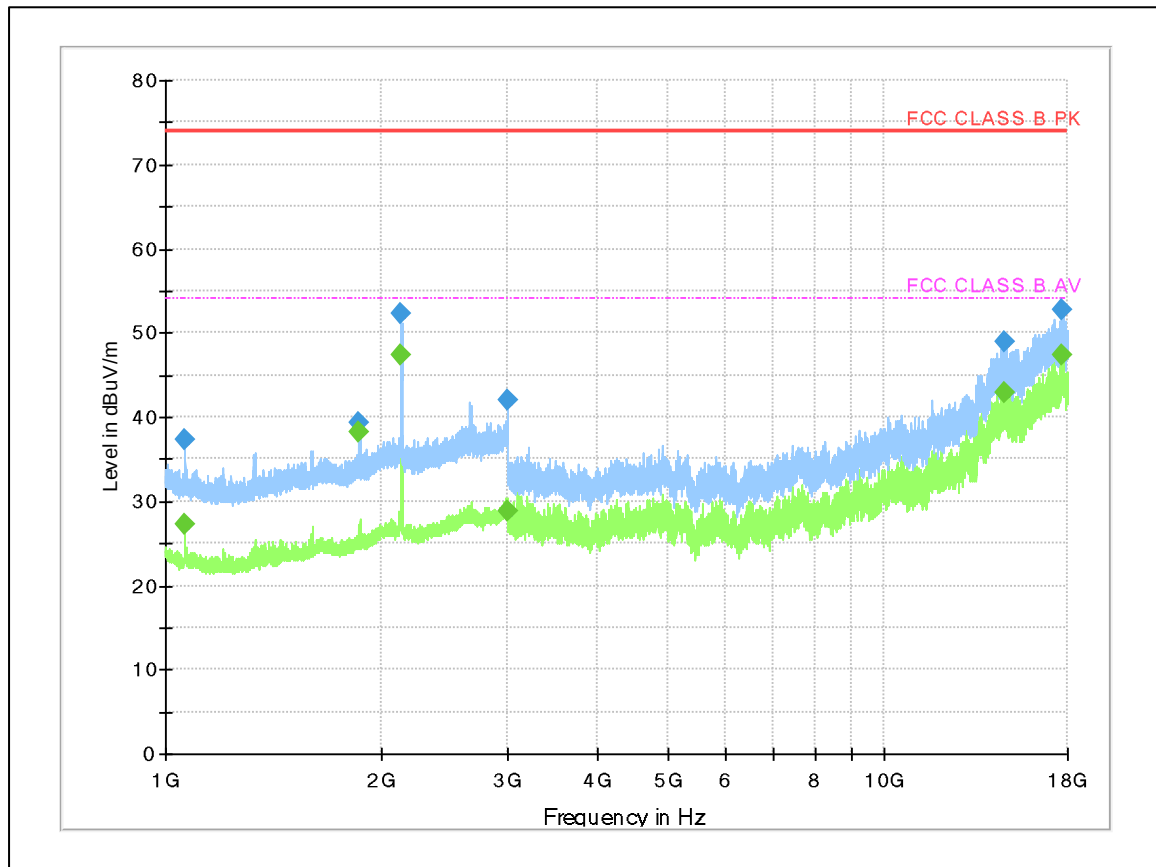
Note1) Receiving antenna polarization : Horizontal, Vertical

Test Distance : 10 m, Antenna Height : 1 to 4 meters

Result (QP) = Reading (QP) + c.f (Antenna Factor + Cable Loss - Amp. Gain)

Margin (QP) = Limit - Level (QP)

QP = Quasi-Peak, c.f = Correction Factor

- Frequencies above 1 GHz

Frequency (MHz)	PK (dB μ V/m)	CAV (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1 062.000	37.4	---	74.0	36.6	101.1	V	202.0	4.2
1 064.600	---	27.3	54.0	26.7	100.2	V	49.0	4.3
1 859.600	39.4	38.2	74.0	34.6	100.3	V	109.0	8.6
2 129.400	52.4	47.4	74.0	21.6	101.6	V	26.0	9.9
2 999.800	42.1	---	74.0	31.9	101.2	V	344.0	13.0
3 000.000	---	28.9	54.0	25.1	100.5	V	249.0	13.0
14 666.500	49.0	---	74.0	25.0	101.4	V	0.0	35.6
14 669.000	---	42.8	54.0	11.2	100.5	V	165.0	35.6
17 702.500	52.8	---	74.0	21.2	100.2	H	11.0	39.5
17 714.000	---	47.4	54.0	6.6	101.1	H	39.0	39.6

Note 1) We have also tested from 18 GHz to 40 GHz and found no emissions.

Note 2) Receiving antenna polarization : Horizontal, Vertical

Test Distance : 3 m, Antenna Height : 1 to 4 meters

Level (PK and/or CAV) = Reading (PK and/or CAV) + Corr. (Antenna Factor + Cable Loss - Amp. Gain)

Margin (PK and/or CAV) = Limit – Level (PK and/or CAV)

PK = Peak, CAV = CISPR-Average, Corr. = Correction Factor