

EMC TEST REPORT

Project No.	LBE20190858	Issue No.	1
Applicant	Name of organization	Samsung Electronics Co., Ltd.	
	Address	(Maetan-dong) 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	
	Date of application	June 18, 2019	
EUT	Type of device	☒ All other Receivers subject to part15 ☒ 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	A3LSMW767	
	Kind of product	Note PC	
	Model No.	SM-W767	
	Variant Model No.	Refer to clause 4.6	
	Manufacturer	1. Samsung Electronics Vietnam Thai Nguyen Co., Ltd Yen Binh Industrial Park, Dong Tien Ward, Pho Yen Town Thai Nguyen Province Vietnam 2. Samsung Electronics Vietnam Co., Ltd. Yen Phong I Id, Yen Trung, Yen Phong Bac Ninh, 790000 Vietnam 3. Samsung Electronics Co., Ltd 94-1, Imsu-dong, Gumi-si, Gyengsangbuk-do, 730-722, Republic of Korea	
Applied Standards		47 CFR Part 15, Subpart B, Class B / ANSI C63.4-2014	
Test Period		June 26, 2019 ~ June 28, 2019	
Issue date		August 2, 2019	

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 : Ji-Yeon Lee

J. Y. Lee

Reviewed by : Jeong-Soo Kim

[Signature]

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Global CS Center of Samsung Electronics Co., Ltd.

(Maetan-dong) 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea

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1. Report Information

1.1 Revision history

No.	Revised detailed information
Issue 0	There are no revisions and this version is basic test report.
Issue 1	Manufacturer and operating bands are corrected.

1.2 RSE test report no.

No.	Remark
HCT-RF-1907-FC019	The cellular receiver mode refers to the radiated spurious emissions test 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 Disturbance (Mains port)	47 CFR Part 15 Subpart B / ANSI C63.4-2014 (Class B)	Complied
☒	Radiated Disturbance		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, Republic of 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 operated as testing laboratory in accordance with the requirements of ISO/IEC 17025:2005.

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:

Mark	Description	Model No.	Serial No.	Manufacturer / Trademark	FCC ID
A	Note PC	SM-W767	-	SAMSUNG	A3LSMW767
B	Battery	EB-BW767ABY	-	SAMSUNG	-
C	Headset	EHS64AVFBE	-	SAMSUNG	-
D	Data Cable	EP-DW767JBE	-	SAMSUNG	-
E	Micro SD Card	64GB	-	SAMSUNG	-
F	OTG Gender	EE-UG970	-	SAMSUNG	-
G	Router	DIR-806A	RF0F1D8011501	D-Link	-
			RF0F1D8011504	D-Link	-
H	Travel Adapter	EP-TA800	R37M5DC3VR1SE3	SAMSUNG	-
I	Multiport Adapter	EE-P5000	R37K80029J2LU3	SAMSUNG	-
J	HDMI Monitor	U2713HMT	CN-0GK0KD-74445-3 32-106L	DELL	-
K	HDMI Monitor	S24F350FH	ZZMUH4ZJ402996W	SAMSUNG	-
L	HDMI Monitor AC Adapter	A2514_KSM	CN07BN4400865ASE 38J3SYEBQ	SOLUM	-
M	USB Memory Stick	64GB	-	Sandisk	-

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 CXX, JAB and JBP requirement, the following mode(s) were made during compliance testing:

4.2.1 Conducted Emission

No.	Operating mode
1	USB OTG (w/ USB gender: memory stick) + Cellular receiver (LTE B26 Center Frequency) + Charging (w/TA) + H pattern on video + Audio play
2	SD Card Read/Write + HDMI display + Charging (w/TA) + H pattern on video + Audio play
3	Front Camera + LAN (w/Ping test and Burn in test) + Charging (w/TA) + H pattern on video + Audio play

4.2.2 Radiated Emission

No.	Operating mode
1	USB OTG (w/ USB gender: memory stick) + Charging (w/TA) + H pattern on video + Audio play
2	SD Card Read/Write + HDMI display + H pattern on video + Audio play
3	Front Camera + LAN (w/Ping test and Burn in test) + H pattern on video + Audio play

4.3 Details of Sampling

Customer selected, single unit.

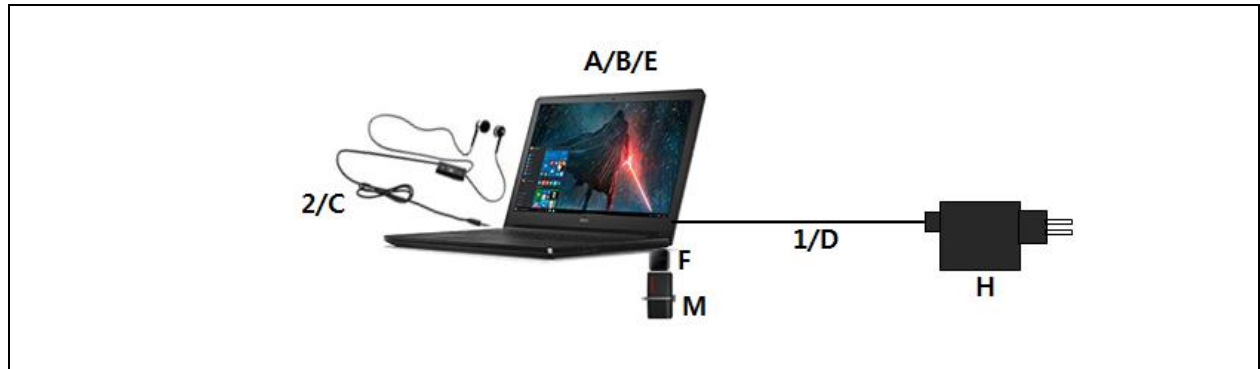
4.4 Used cable description

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:

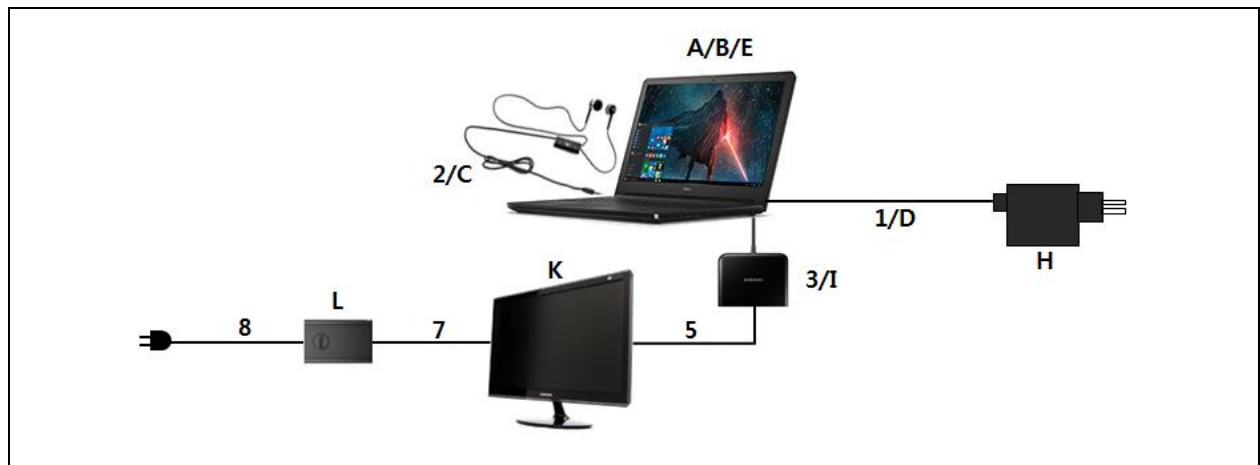
No.	Connected cable	Length [m]	Shielded [Y/N]	Note
1	Data Cable	1.8	Y	From EUT to Travel Adapter
2	Headset	1.3	N	For EUT
3	Multiport Adapter	0.2	N	For EUT
4	HDMI Cable	1.5	Y	From Multiport Adapter to HDMI Monitor
5	HDMI Cable	3.0	Y	From Multiport Adapter to HDMI Monitor
6	Power	1.5	N	For HDMI Monitor
7	Power	1.2	N	From HDMI Monitor to HDMI Monitor AC Adapter
8	Power	1.5	N	For HDMI Monitor AC Adapter
9	LAN	1.5	N	From Multiport Adapter to Router
10	USB	0.8	N	From OTG Gender to Router for DC Power
11	USB	0.8	N	From Multiport Adapter to Router for DC Power

4.5 Test arrangement

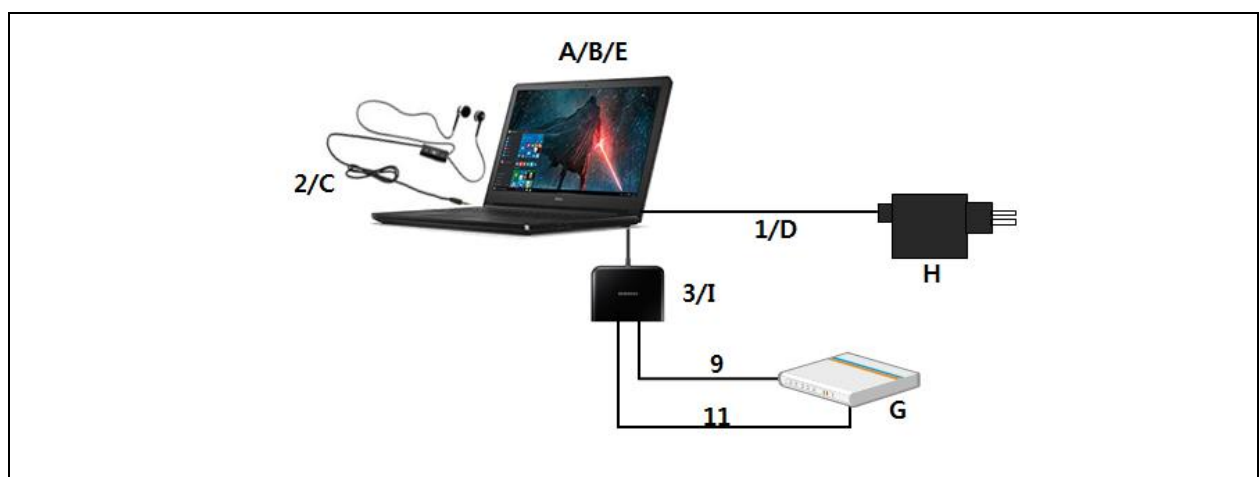
4.5.1 Conducted Emission



[Mode 1]

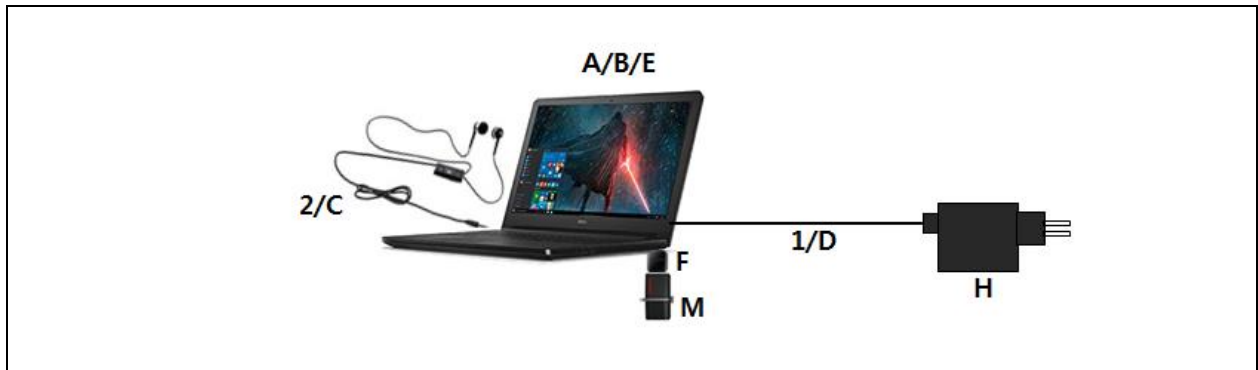


[Mode 2]

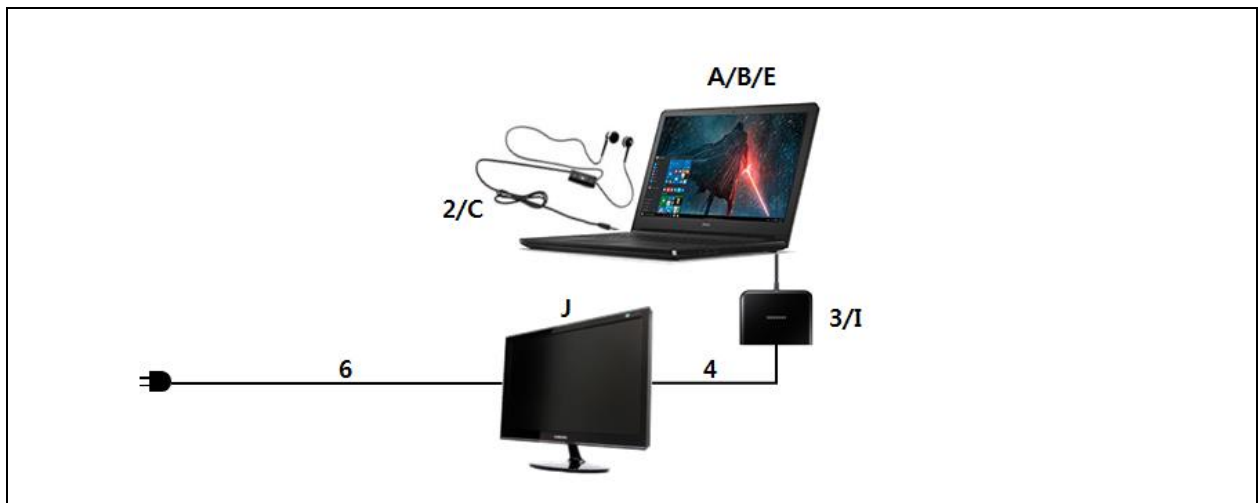


[Mode 3]

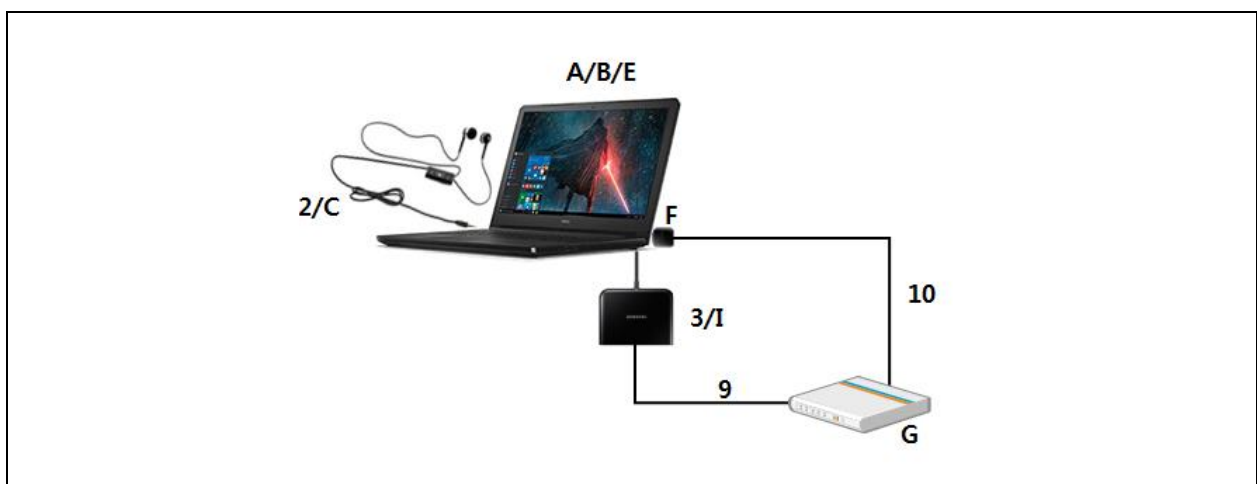
4.5.2 Radiated Emission



[Mode 1]



[Mode 2]



[Mode 3]

4.6 EUT Description

The EUT is a Note PC which can operate on WCDMA FDD1/2/4/5/8, LTE FDD1/2/3/4/5/7/8/12/13/14/20/25/26/28/30/66, LTE TDD38/39/40/41 bands and incorporates a Bluetooth, Wi-Fi, Camera, GNSS, HDMI, Audio and Video player.

4.6.1 The variant models

- None

4.7 EUT Frequencies

The highest frequencies (Generated and used)	Frequency [MHz]
Wi-Fi	5 825

4.8 Test configuration and condition

The EUT exercise program was tested using the Samsung special test program for Windows.

While the EMC testing was being done, the LCD panel was open and a pattern of “H” characters was written to the display on the LCD panel.

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 SD card, by writing and reading arbitrary data or charging with TA.

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

Cellular RX mode testing was performed with the LTE FDD26 RX Test mode at center frequency. All licensed communication Cellular RX mode, WCDMA/LTE, test results are not significantly different.

The scrolled H-character continuously displays on EUT's screen and the digital white noise was repetitively played connected to the earphone.

The video and music were played on monitor through HDMI Out function using multiport adapter and HDMI Cable.

The front camera of the EUT was operated continuously.

The EUT was connected to Local Area Network through the Ethernet port with Unshielded Twisted Pair Ethernet cable using multiport adapter. Ping test is conducted during the test and operate Burn-In test program selected all test condition.

The EUT was connected to USB Memory stick using USB OTG gender.

Power source for the EUT operating was supplied by CVCF made by the Pacific Corp.

- 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)

4.9.1 Emission

Test type		Measurement uncertainty (C.L. 95 %, k = 2)
Conducted disturbance	AC Mains	2.83 dB
Radiated Disturbance (Below 1 GHz)	Horizontal	4.99 dB
	Vertical	4.91 dB
Radiated Disturbance (Above 1 GHz)	Horizontal	5.11 dB
	Vertical	5.12 dB

5. Results of individual test

5.1 Conducted disturbance

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 disturbance at the mains ports of Class B ITE

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

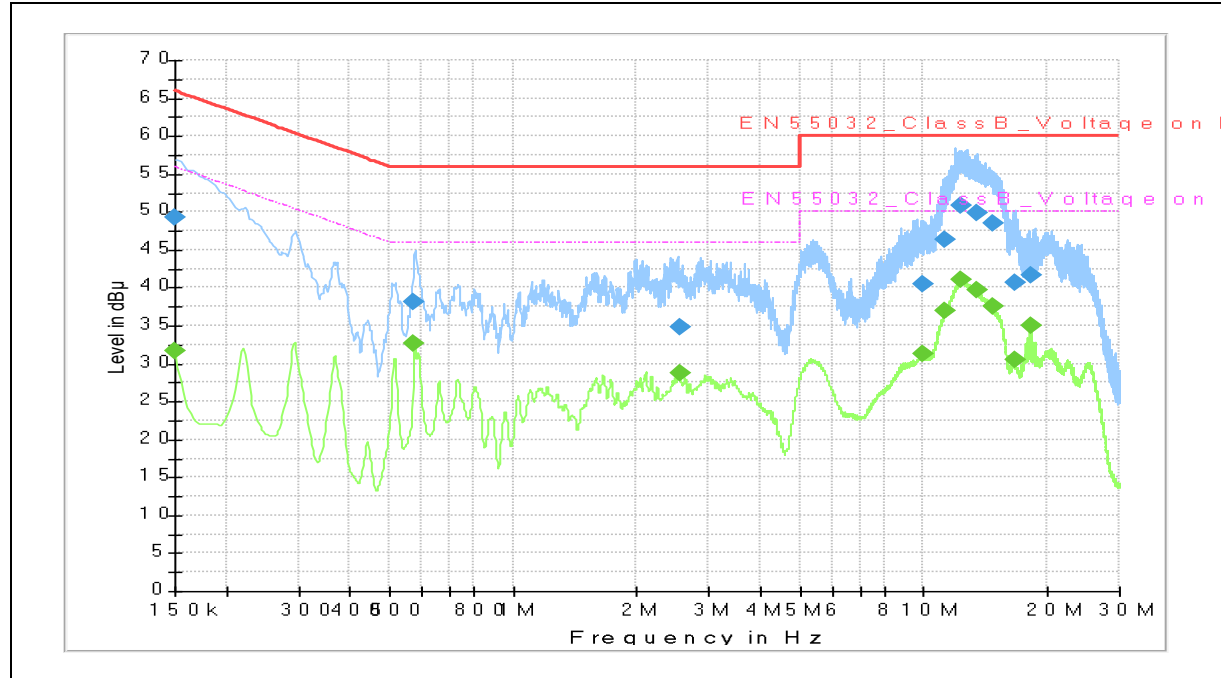
EMC No.	Test Instrument	Manufacturer	Model name	Serial No.	Calibration	
					Date	Interval (Month)
E5I-127	Two-Line V-Network	R&S	ENV216	102061	2018-07-23	12
E5I-043	Two-Line V-Network	R&S	ENV216	101630	2018-08-17	12
E5I-017	EMI Test Receiver	R&S	ESU8	100483	2019-01-16	12
E5I-171	LTE Communicator	R&S	CMW500	154667	2018-08-07	12
-	Test software	R&S	EMC32	Ver 9.26.01	-	-

5.1.2 Temperature and humidity condition

Test date	2019-06-28	Test engineer	Ji Yeon Lee
Climate condition	Ambient temperature	(22.6 ~ 22.8) °C	Limit (15.0 to 35.0) °C
	Relative humidity	(50.1 ~ 50.3) % R.H.	Limit (25.0 to 75.0) % R.H.
	Atmospheric pressure	(100.4 ~ 100.6) 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:

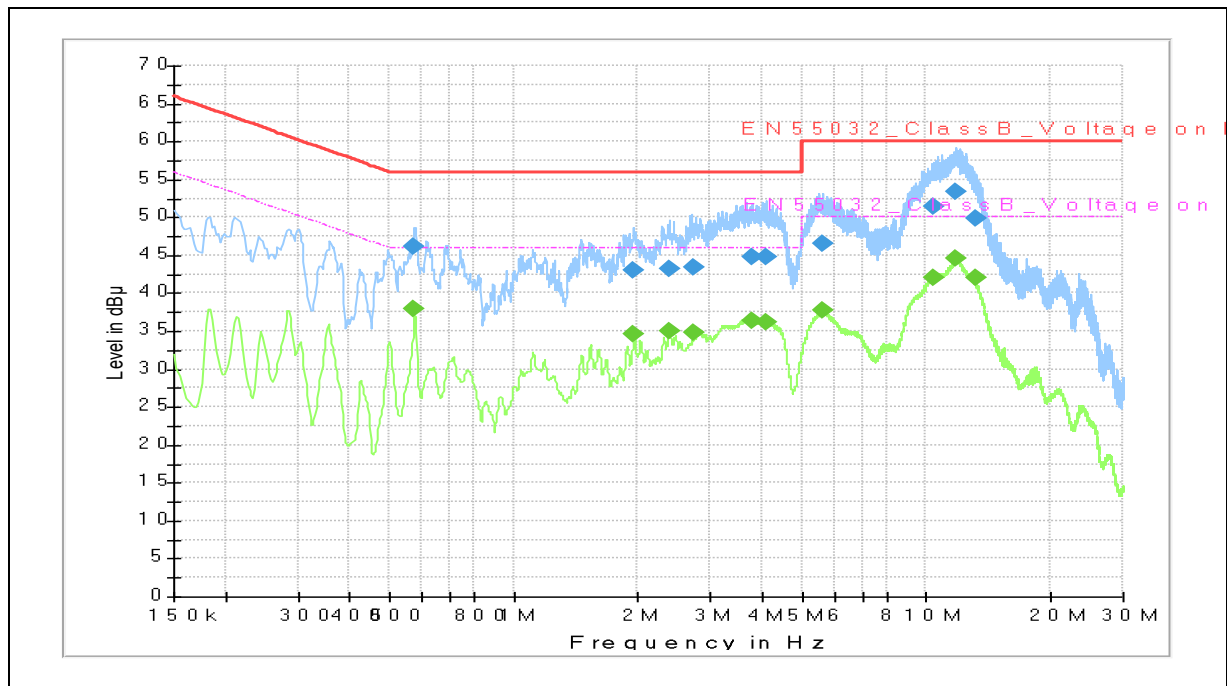
Frequency (MHz)	QP (dBμV)	CAV (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.150	---	31.7	56.0	24.3	N	9.9
0.150	49.2	---	66.0	16.8	N	9.9
0.575	38.2	---	56.0	17.8	N	10.2
0.575	---	32.6	46.0	13.4	N	10.2
2.549	---	28.8	46.0	17.2	N	9.9
2.549	34.9	---	56.0	21.1	N	9.9
9.922	40.4	---	60.0	19.6	L1	10.1
9.922	---	31.3	50.0	18.7	L1	10.1
11.263	46.3	---	60.0	13.7	L1	10.2
11.263	---	36.9	50.0	13.1	L1	10.2
12.350	---	41.1	50.0	8.9	L1	10.2
12.350	50.9	---	60.0	9.1	L1	10.2
13.524	---	39.7	50.0	10.3	L1	10.3
13.524	49.9	---	60.0	10.1	L1	10.3
14.764	48.5	---	60.0	11.5	L1	10.4
14.764	---	37.5	50.0	12.5	L1	10.4
16.674	---	30.5	50.0	19.5	L1	10.4
16.674	40.6	---	60.0	19.4	L1	10.4
18.236	---	34.9	50.0	15.1	L1	10.5
18.236	41.7	---	60.0	18.3	L1	10.5

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:

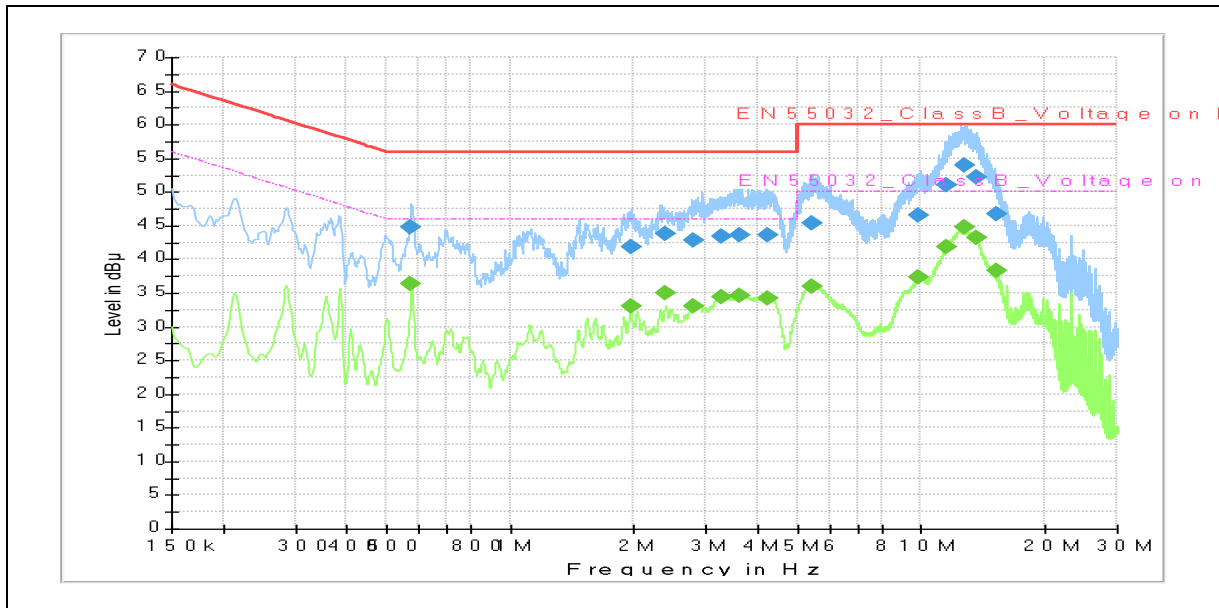
Frequency (MHz)	QP (dBμV)	CAV (dBμV)	Limit (dBμV)	Margin (dB)	Line	Corr. (dB)
0.575	---	37.9	46.0	8.1	L1	10.2
0.575	46.1	---	56.0	9.9	L1	10.2
1.952	---	34.6	46.0	11.4	L1	10.0
1.952	43.0	---	56.0	13.0	L1	10.0
2.382	---	35.0	46.0	11.0	L1	10.0
2.382	43.2	---	56.0	12.8	L1	10.0
2.744	---	34.7	46.0	11.3	L1	10.0
2.744	43.5	---	56.0	12.5	L1	10.0
3.773	---	36.4	46.0	9.6	L1	10.0
3.773	44.8	---	56.0	11.2	L1	10.0
4.115	---	36.1	46.0	9.9	L1	10.0
4.115	44.8	---	56.0	11.2	L1	10.0
5.595	---	37.8	50.0	12.2	L1	10.0
5.595	46.5	---	60.0	13.5	L1	10.0
10.390	---	42.1	50.0	7.9	L1	10.2
10.390	51.3	---	60.0	8.7	L1	10.2
11.859	---	44.7	50.0	5.3	L1	10.2
11.859	53.3	---	60.0	6.7	L1	10.2
13.218	---	42.0	50.0	8.0	L1	10.3
13.218	49.8	---	60.0	10.2	L1	10.3

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)
0.575	---	36.5	46.0	9.5	L1	10.2
0.575	44.8	---	56.0	11.2	L1	10.2
1.961	---	33.1	46.0	12.9	L1	10.0
1.961	41.8	---	56.0	14.2	L1	10.0
2.378	---	34.9	46.0	11.1	L1	10.0
2.378	43.9	---	56.0	12.1	L1	10.0
2.792	---	33.0	46.0	13.0	L1	10.0
2.792	42.8	---	56.0	13.2	L1	10.0
3.260	---	34.5	46.0	11.5	L1	10.0
3.260	43.3	---	56.0	12.7	L1	10.0
3.615	---	34.5	46.0	11.5	L1	10.0
3.615	43.6	---	56.0	12.4	L1	10.0
4.232	---	34.3	46.0	11.7	L1	10.0
4.232	43.6	---	56.0	12.4	L1	10.0
5.402	---	36.1	50.0	13.9	L1	10.0
5.402	45.3	---	60.0	14.7	L1	10.0
9.893	---	37.4	50.0	12.6	L1	10.1
9.893	46.6	---	60.0	13.4	L1	10.1
11.495	---	41.9	50.0	8.1	L1	10.2
11.495	51.1	---	60.0	8.9	L1	10.2
12.719	---	44.7	50.0	5.3	L1	10.3
12.719	54.0	---	60.0	6.0	L1	10.3
13.659	---	43.1	50.0	6.9	L1	10.3
13.659	52.2	---	60.0	7.8	L1	10.3
15.250	---	38.3	50.0	11.7	L1	10.4
15.250	46.6	---	60.0	13.4	L1	10.4

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 disturbance

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 Polarisation	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 operate 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 Polarisation	Resolution Bandwidth [MHz]	Video Bandwidth [MHz]	Turntable position
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 disturbance of Class B ITE at a measuring distance of 3 m and 10 m

Frequency range Limits [MHz]	Field Strength		
	3 m [$\mu\text{V/m}$]	3 m [dB($\mu\text{V/m}$)]	10 m [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

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

5.2.1 Test instrumentation

EMC No.	Test Instrument	Manufacturer	Model name	Serial No.	Calibration	
					Date	Interval (Month)
E5I-020	EMI Test Receiver	R&S	ESU40	100375	2018-08-21	12
E5I-018	EMI Test Receiver	R&S	ESU8	100484	2019-05-21	12
E5I-070	BiLog Antenna	TESEQ	CBL6112D	35383	2018-10-12	24
E5I-121	BiLog Antenna	TESEQ	CBL6112D	36999	2018-10-12	24
E5I-093	Preamplifier	SONOMA	310N	273122	2019-01-23	12
E5I-094	Preamplifier	SONOMA	310N	282363	2019-01-23	12
E5I-036	Horn Antenna	R&S	HF907	100507	2018-06-15	24
E5I-040	Signal Conditioning Unit	R&S	SCU-18	10210	2019-04-05	12
E5I-037	WideBand Horn Antenna	R&S	WBH 18-40K	11201	2019-01-31	24
E5I-042	Signal Conditioning Unit	R&S	SCU-40A	10004	2018-09-05	12
-	Test software	TOYO	EP7RE	Ver 5.8.2	-	-
-	Test software	R&S	EMC32	Ver 9.25.00	-	-

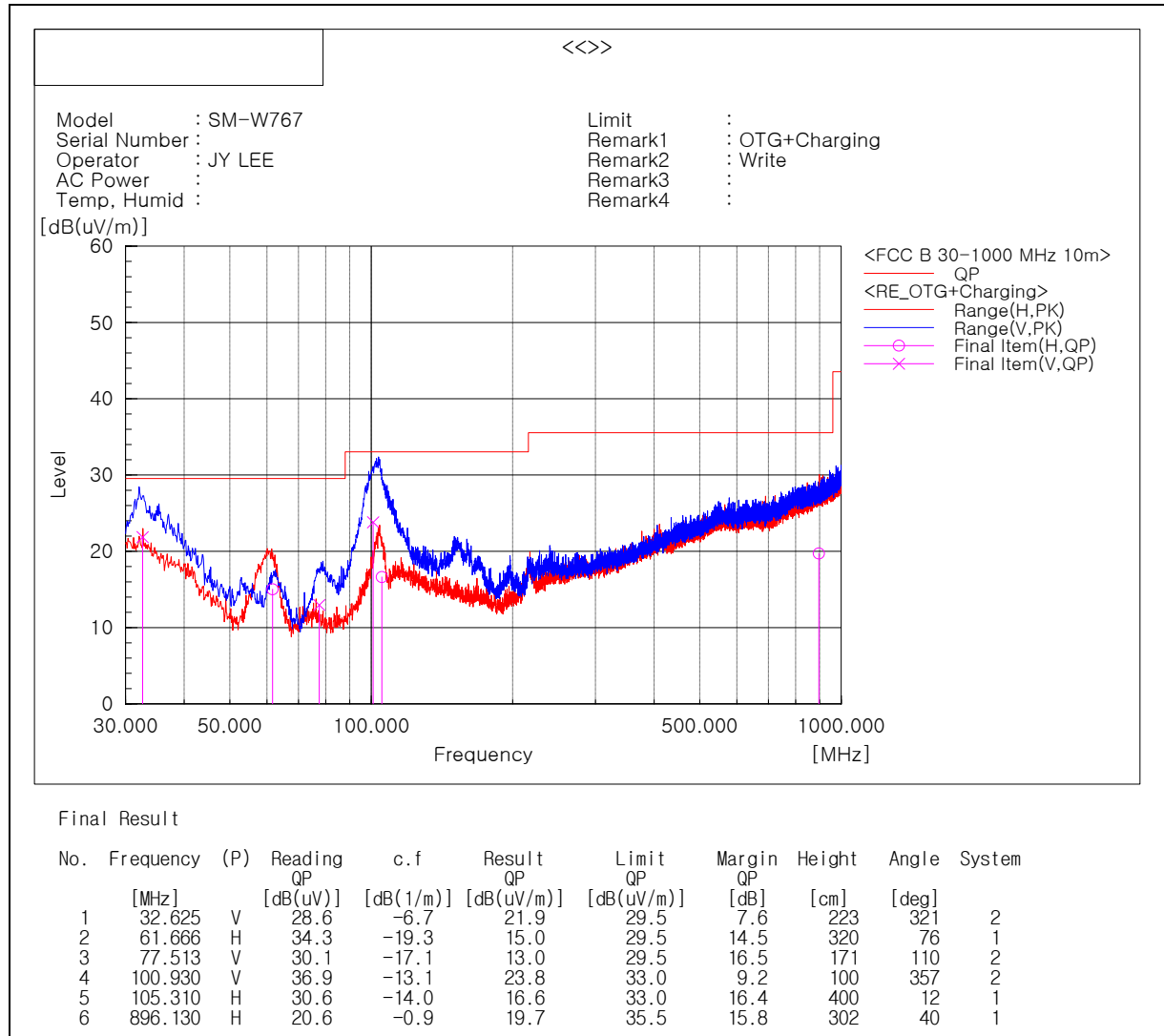
5.2.2 Temperature and humidity condition

Test date	2019-06-26	Test engineer	Ji Yeon Lee
Climate condition	Ambient temperature	(23.1 ~ 23.5) °C	Limit (15.0 to 35.0) °C
	Relative humidity	(52.4 ~ 52.8) % R.H.	Limit (25.0 to 75.0) % R.H.
	Atmospheric pressure	(100.5 ~ 100.7) kPa	Limit (86.0 to 106.0) kPa
Test place	Semi-Anechoic Chamber (SAC4)		

5.2.3 Test results

☐ Operating Mode 1

- Frequencies below 1 GHz



Note1) Receiving antenna polarization : Horizontal, Vertical

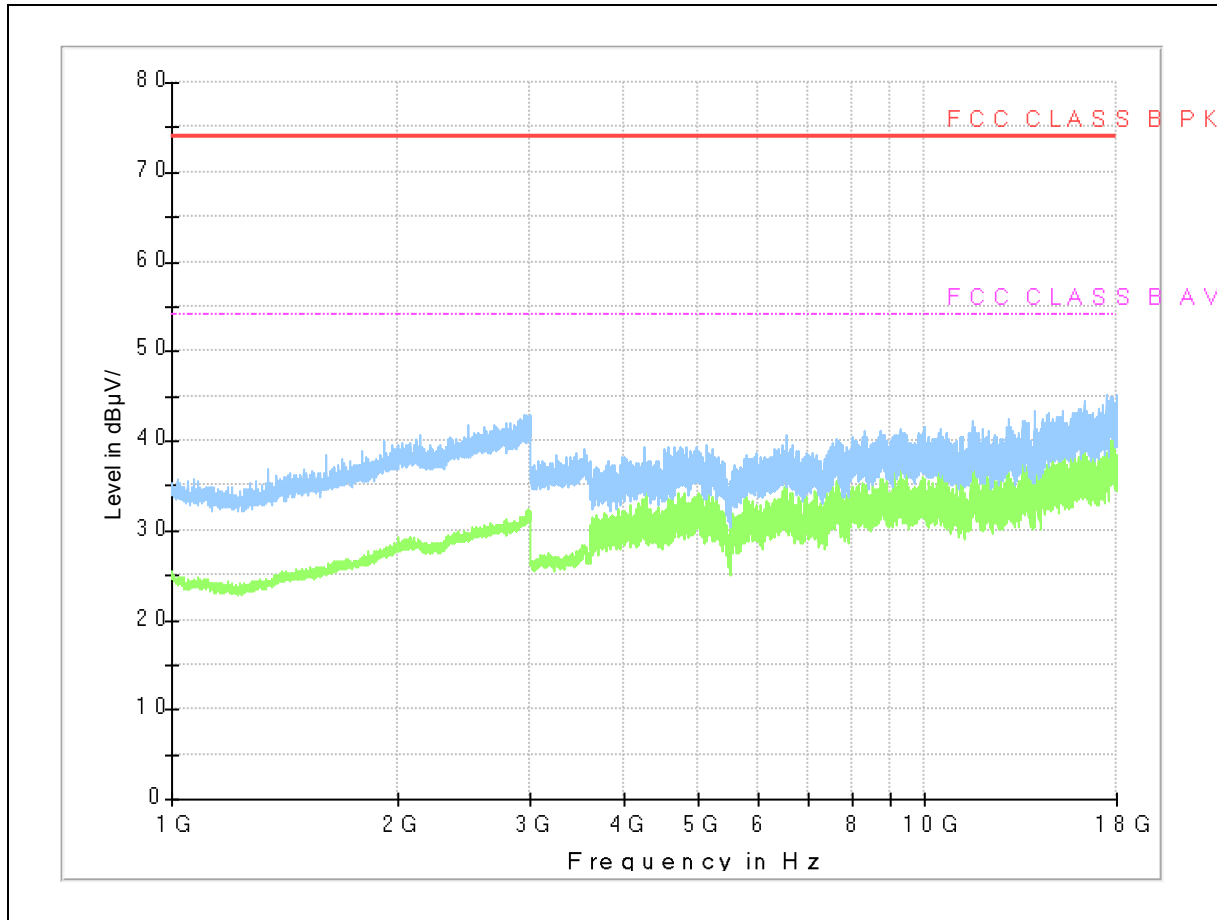
Test Distance : 10 m, Antenna Height : 1 to 4 meters

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 30 GHz and found no emissions

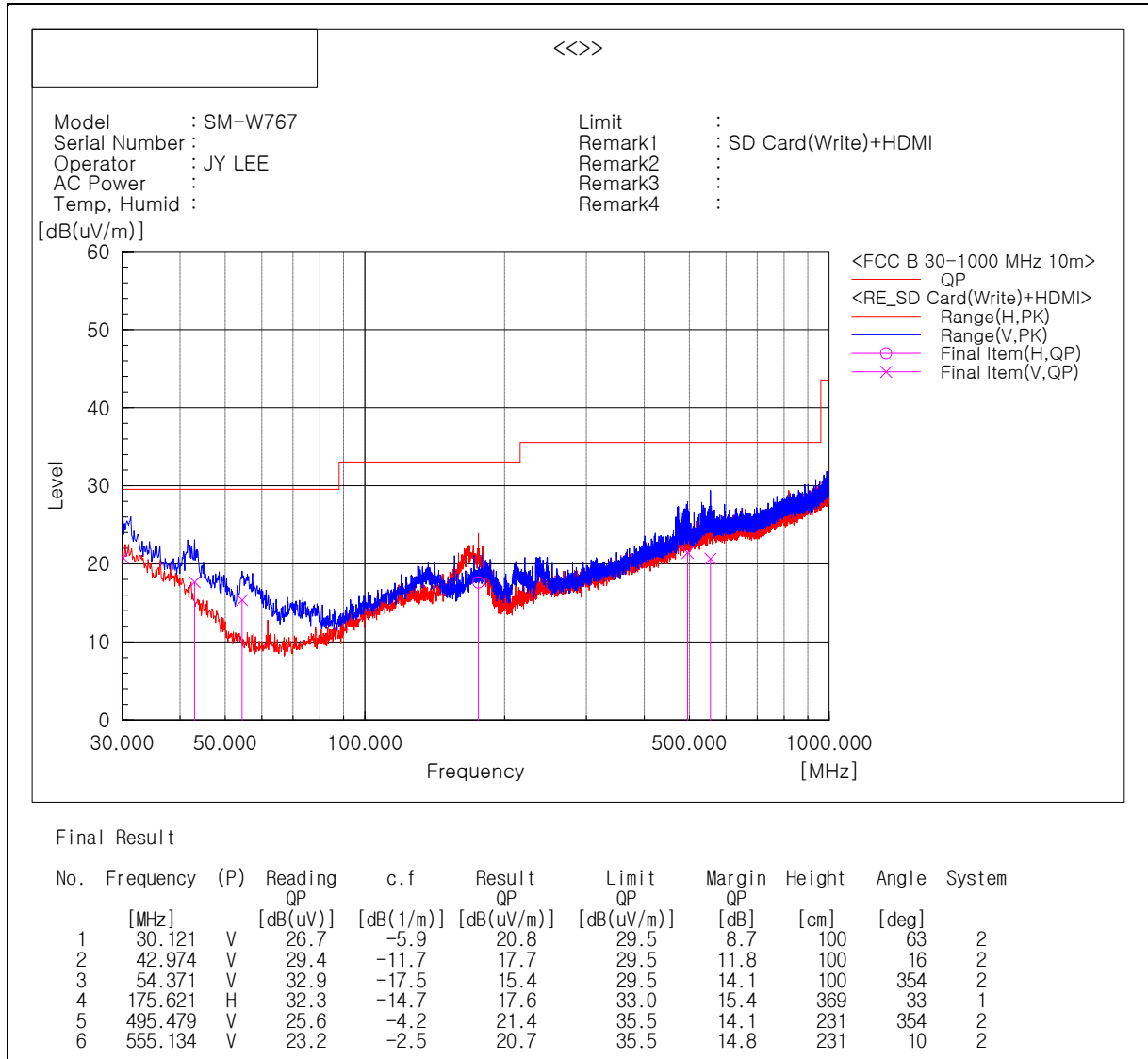
Note 2) Receiving antenna polarization : Horizontal, Vertical

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**

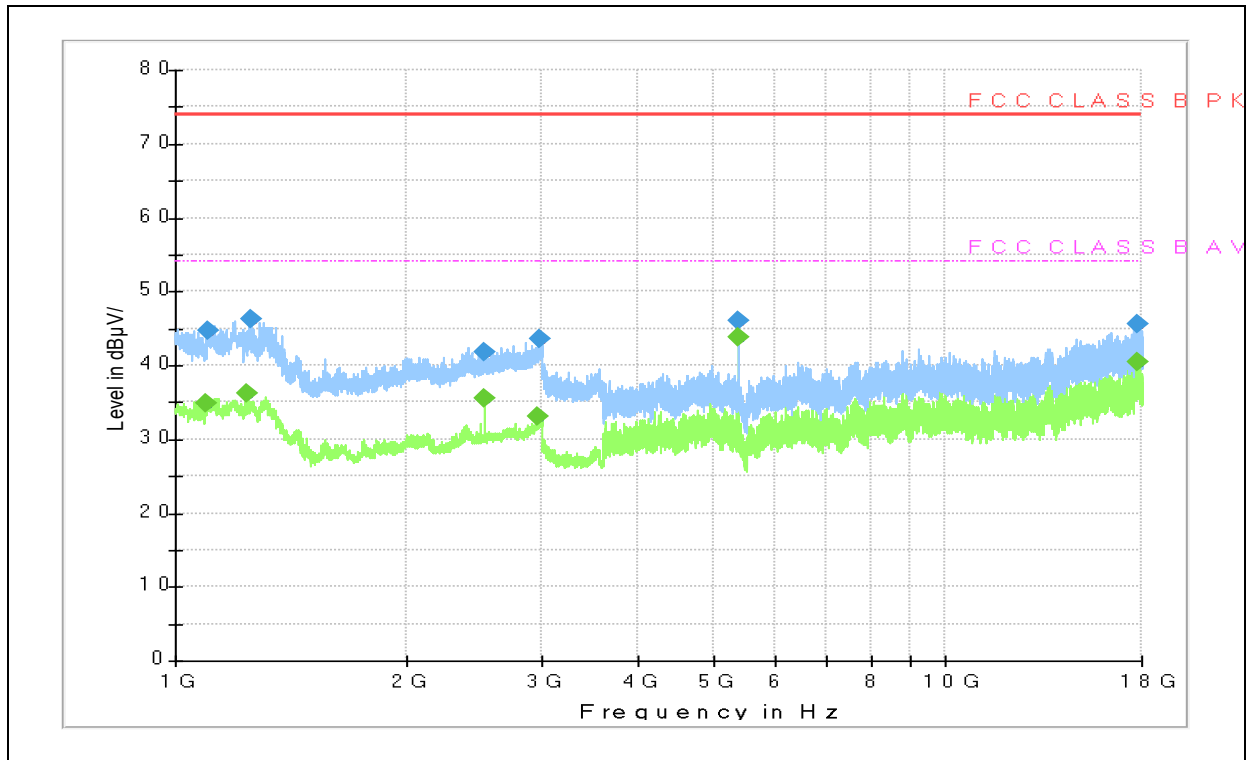
Note1) Receiving antenna polarization : Horizontal, Vertical

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)
1 098.000	---	34.9	54.0	19.1	123.0	V	308.0	6.4
1 104.500	44.8	---	74.0	29.2	110.0	V	308.0	6.4
1 242.500	---	36.2	54.0	17.8	252.0	H	238.0	6.5
1 251.500	46.2	---	74.0	27.8	350.0	H	238.0	6.5
2 521.000	---	35.4	54.0	18.6	100.0	V	273.0	13.9
2 521.000	41.7	---	74.0	32.3	160.0	V	273.0	13.9
2 964.500	---	33.1	54.0	20.9	298.0	H	47.0	16.0
2 967.000	43.5	---	74.0	30.5	130.0	H	40.0	16.1
5 400.000	---	43.8	54.0	10.2	175.0	H	118.0	6.7
5 400.000	46.1	---	74.0	27.9	116.0	H	118.0	6.7
17 799.000	45.7	---	74.0	28.3	100.0	H	313.0	30.5
17 799.500	---	40.5	54.0	13.5	125.0	H	2.0	30.5

Note 1) We have also tested from 18 GHz to 30 GHz and found no emissions

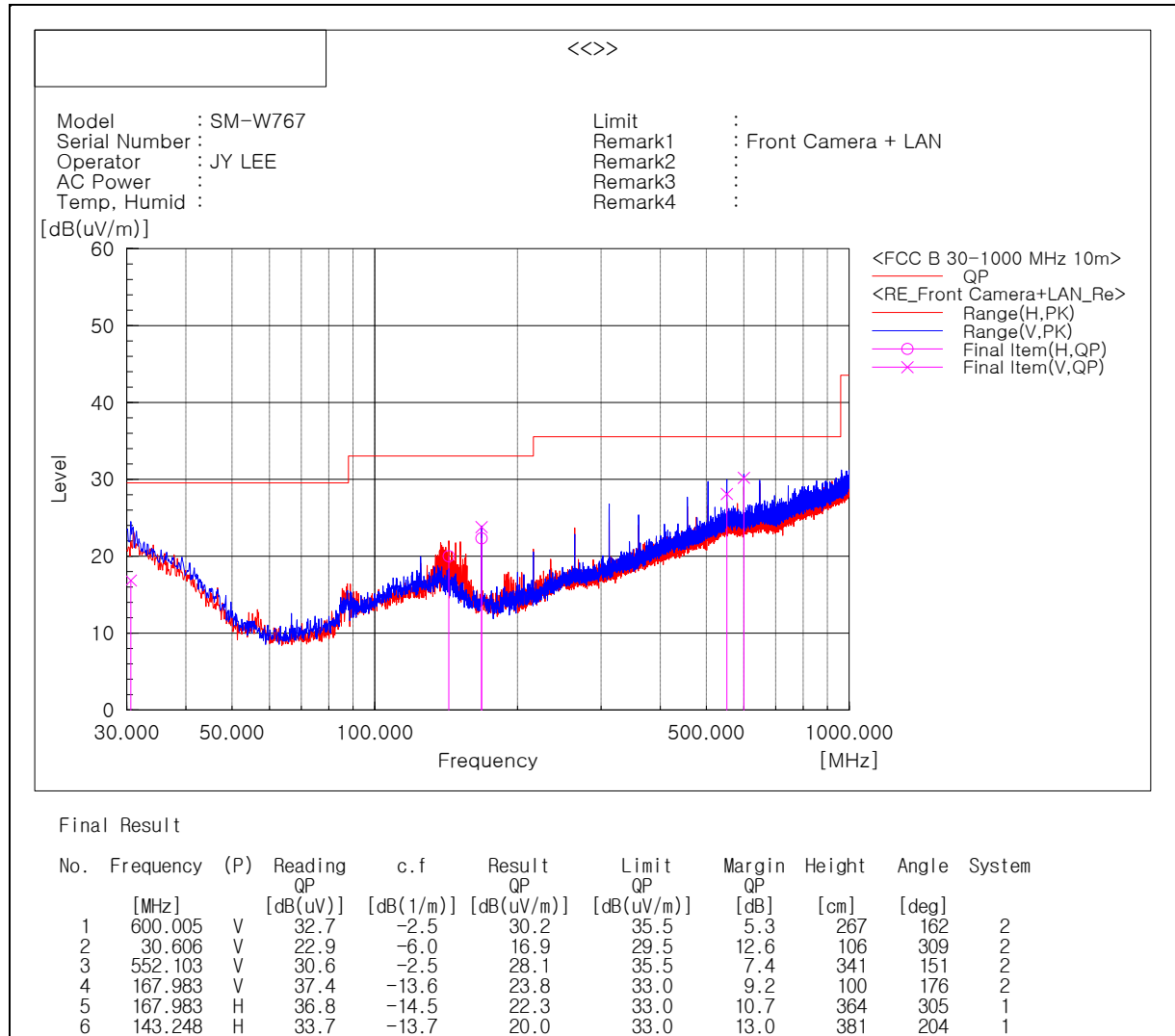
Note 2) Receiving antenna polarization : Horizontal, Vertical

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**

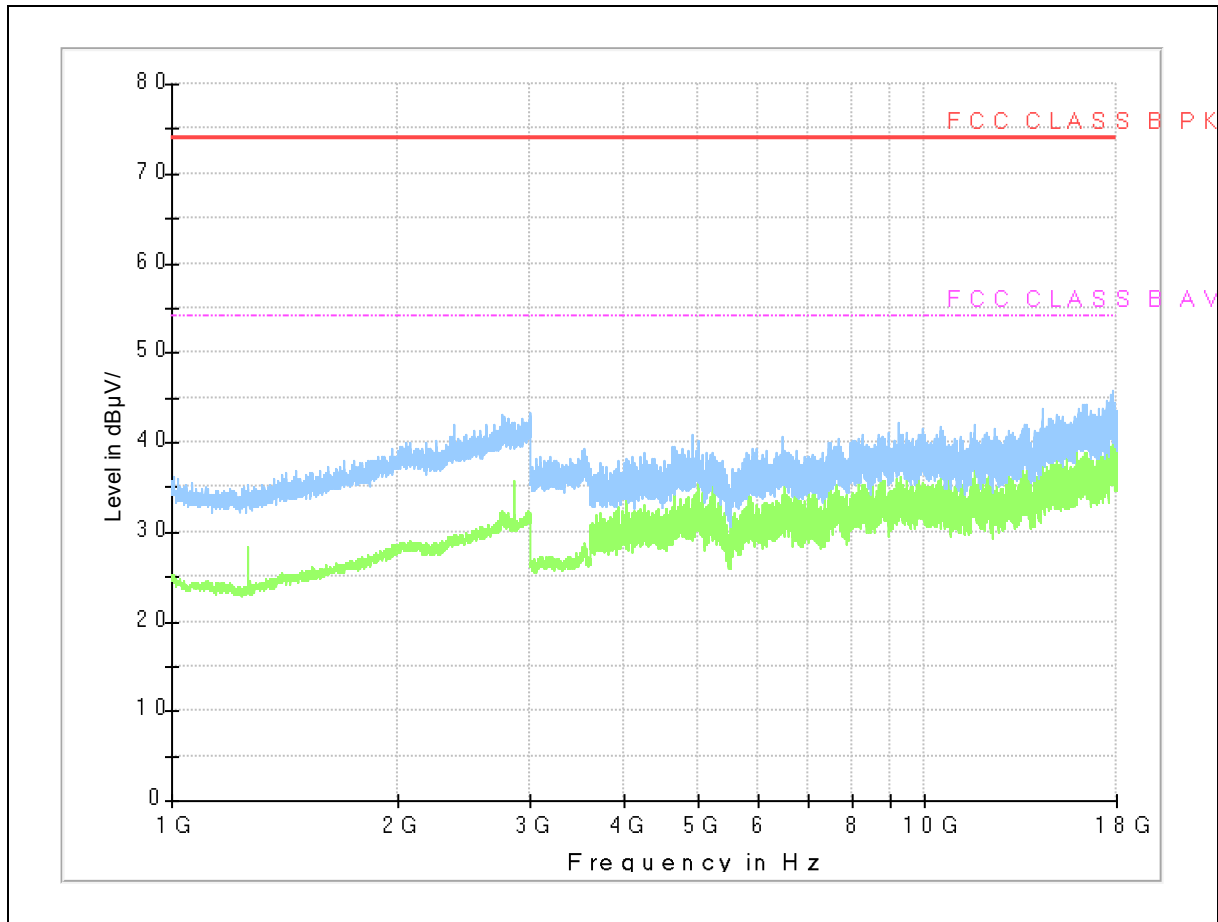
Note1) Receiving antenna polarization : Horizontal, Vertical

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 30 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