

EMC TEST REPORT

Project No.	LBE20170071	Issue No.	0
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	January 23, 2017	
EUT	Type of device	<input checked="" type="checkbox"/> Class B personal computers and peripherals <input type="checkbox"/> All other devices	
	Equipment authorization	<input type="checkbox"/> Declaration of Conformity <input checked="" type="checkbox"/> Certification <input type="checkbox"/> Verification	
	FCC ID	A3LSMW728	
	Kind of product	Portable Device	
	Model No.	SM-W728	
	Variant Model No.	Refer to clause 4.6	
	Manufacturer	SAMSUNG ELECTRONICS CO., LTD 94-1, Imsu-dong, Gumi-si, Gyengsangbuk-do, 730-722, Republic of Korea SAMSUNG ELECTRONICS HUIZHOU CO.,LTD. 516229, Chenjiang Town, HuiZhou City, Guangdong Province, China	
Applied Standards	47 CFR Part 15, Subpart B, Class B / ANSI C63.4-2014		
Test Period	January 25, 2017 ~ February 1 , 2017		
Issue date	February 3, 2017		

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 : Sung-Wook Choi

S. W. Choi

Reviewed by : Young-Hun Kim

Y. H. Kim

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CS & Environment Center of Samsung Electronics Co., Ltd.

(Maetan dong) 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-so, 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.

2. Summary of test results

2.1 Emission

The EUT has been tested according to the following specifications:

Applied	Test type	Applied standard	Result
<input checked="" type="checkbox"/>	Conducted Disturbance (Mains port)	47 CFR Part 15 Subpart B / ANSI C63.4-2014 (Class B)	Complied
<input checked="" type="checkbox"/>	Radiated Disturbance		Complied

3. General Information

3.1 Test facility

The CS & Environment Center is located on Samsung Electronics Co., Ltd. at (Maetan-dong g) 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea.

All testing are performed in Semi-anechoic chambers conforming to the site attenuation characteristics defined by ANSI C63.4, CISPR 22, 16-1 and 16-2. and Shielded rooms.

And all antennas are properly calibrated using ANSI C63.5:2006.

The CS & Environment 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 / DoC
A	Portable Device	SM-W728	-	SAMSUNG	A3LSMW728
B	Keyboard	EJ-CW720	-	SAMSUNG	-
C	Battery	EB-BW720ABE	-	SAMSUNG	-
D	Headset	EO-EG920BW	-	SAMSUNG	-
E	Data Cable	EP-DW720CWE	-	SAMSUNG	-
F	Travel Adapter	EP-TA300	-	SAMSUNG	-
G	Micro SD Card	64G	-	SAMSUNG	-
H	Bluetooth Mouse	SMB-9100B	TAKS701184B	SAMSUNG	-
I	UHD Monitor	LU32D97K	0VDQH3EG200117M	SAMSUNG	-
J	LAN Dongle	-	-	KANGWON	-

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, the following mode(s) were made during compliance testing:

Operating Mode 1	Charging Mode (External/Internal Memory Read & Write, Front Camera, H pattern on video, Audio play, Wi-Fi(5G), Bluetooth communication, GPS, Charging)
Operating Mode 2	DP Mode (External/Internal Memory Read & Write, Rear Camera, H pattern on video, Audio play, Wi-Fi(2.4G), Bluetooth communication, Charging, DP display)
Operating Mode 3	LAN Mode (External/Internal Memory Read & Write, Rear Camera, H pattern on video, Audio play, Bluetooth communication, Charging, LAN)

4.3 Details of Sampling

Customer selected, single unit.

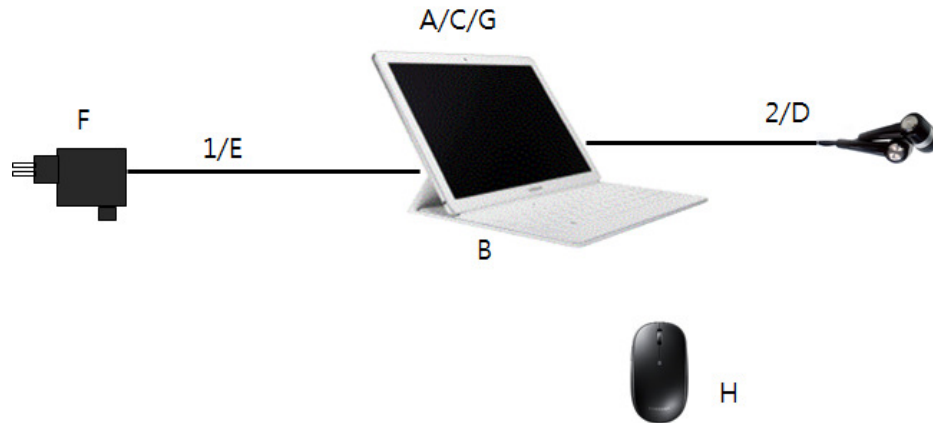
4.4 Used cable description

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:

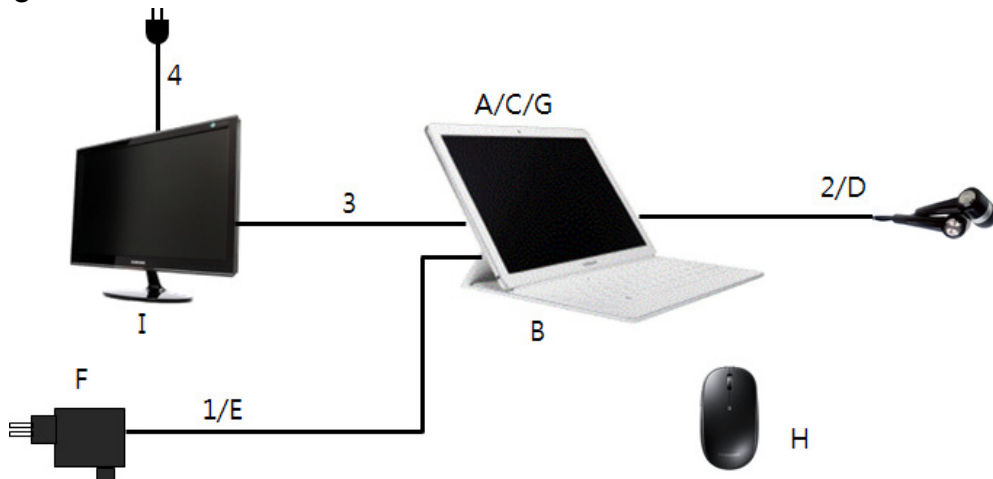
No.	Connected cable	Length [m]	Shielded [Y/N]	Note
1	Data Cable	1.5	Yes	From EUT to Travel Adapter
2	Headset	1.3	No	For EUT
3	DP Cable	1.8	Yes	From EUT to UHD Monitor
4	Power	1.8	No	For UHD Monitor
5	LAN	2.5	No	From LAN Dongle to Local Area Network

4.5 Test arrangement

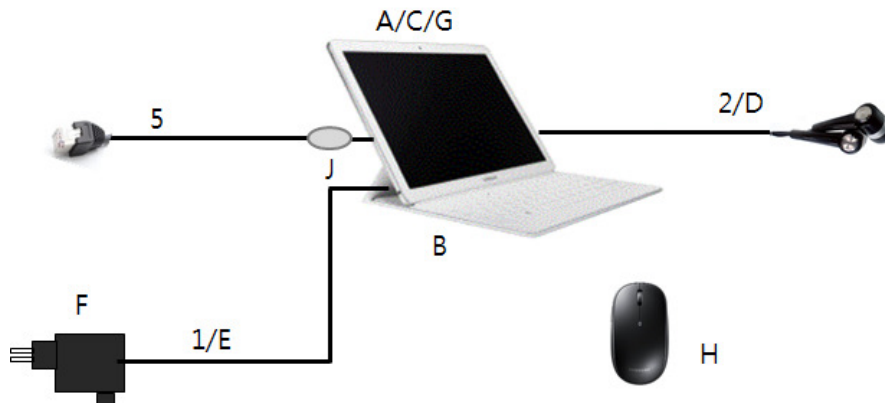
Operating Mode 1



Operating Mode 2



Operating Mode 3



4.6 EUT Description

Item	Specification	Remarks
CPU	Intel® Kabylake-U Corei5-7200	-
Main Memory	LPDDR3, Onboard, 8 GB	-
LCD DISPLAY	12" AMOLED, 2166X1440	-
Graphic Controller	Intel HD Graphics	-
SSD	256GB SSD, M.2 SATA	-
LAN	N/A	-
WLAN/Bluetooth	Qualcomm QCA6174A-5, 802.11b/g/n/a/ac, BT4.1	-
Adapter	SOLUM, EP-TA300, 25W	-
Battery	EB-BW720ABE, Li-ion, 39.04Wh (5070mAh)	-
Camera	REAR: 13M CMOS, Front : 5M CMOS	-
Input Devices	Keyboard Cover, PS2 touch pad	-
Ports	2xUSB3.0 C-Type port, 1xSIM/microSD	-
S-Pen	CP-903-02B	

4.6.1 The variant models

- SM-W727
- SM-W728N0
- SM-W727N0

4.7 Clock Frequencies

Kind of Clocks	Frequency [MHz]
CPU	3 100
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 is exercised, as well as internal and the external SD card, by writing and reading a continuous stream of “H” characters.

The music was repetitively played connected to the earphone. The webcam of the EUT was operated continuously.

The EUT’s GPS function was placed in a receiving before the test and then checked at the end of the test to see that the position and speed were correctly displayed.

The EUT’s Wi-Fi and Bluetooth functions connected to the Wi-Fi router and Bluetooth mouse. The EUT was connected to Local Area Network through the Ethernet port with Unshielded Twisted Pair Ethernet cable.

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 and UKAS Lab 34.)

4.9.1 Emission

Test type		Measurement uncertainty (C.L. 95 %, $k = 2$)
Conducted disturbance	AC Mains	2.85 dB
Radiated Disturbance (30 MHz ~ 1 GHz)	Horizontal	4.99 dB
	Vertical	4.90 dB
Radiated Disturbance (1 GHz ~ 6 GHz)	Horizontal	4.83 dB
	Vertical	4.84 dB
Radiated Disturbance (6 GHz ~ 18 GHz)	Horizontal	5.30 dB
	Vertical	5.30 dB

5. Results of individual test

5.1 Conducted disturbance

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

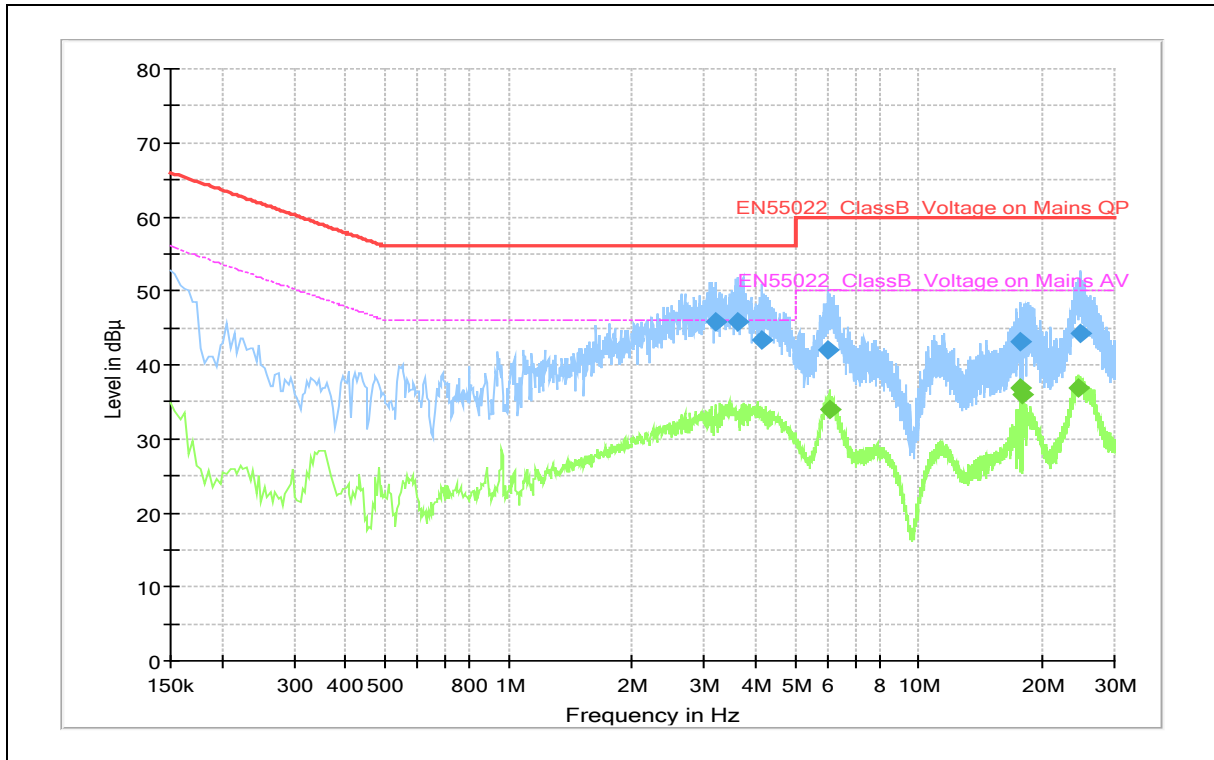
EMC No.	Test Instrument	Model name	Manufacturer	Serial No.	Calibration	
					Date	Interval (Month)
E5I-043	LISN	ENV216	R&S	101630	2016-08-05	12
E5I-018	EMI Test Receiver	ESU8	R&S	100484	2016-05-13	12
E5I-127	LISN	ENV216	R&S	102061	2016-06-24	12
E5I-100	Notebook Computer	NT-BONEXT-AS2	SAMSUNG	Z9H893GS200016D	-	-
E5I-108	Wi-Fi Router	R7000	NETGEAR	3LN1437W00AA7	-	-
-	Test Software	EMC32	R&S	Ver 9.26.01	-	-

5.1.2 Temperature and humidity condition

Test date	2017-02-01	Test engineer	Sung-Wook Choi
Climate condition	Ambient temperature	(21.3 ~ 21.4) °C	Limit (15.0 to 35.0) °C
	Relative humidity	(32.9 ~ 33.1) % R.H.	Limit (25.0 to 75.0) % R.H.
	Atmospheric pressure	(101.1 ~ 101.3) kPa	Limit (86.0 to 106.0) kPa
Test place	Shield Room (SR14)		

5.1.3 Test results

□ Operating Mode 1: AC Mains



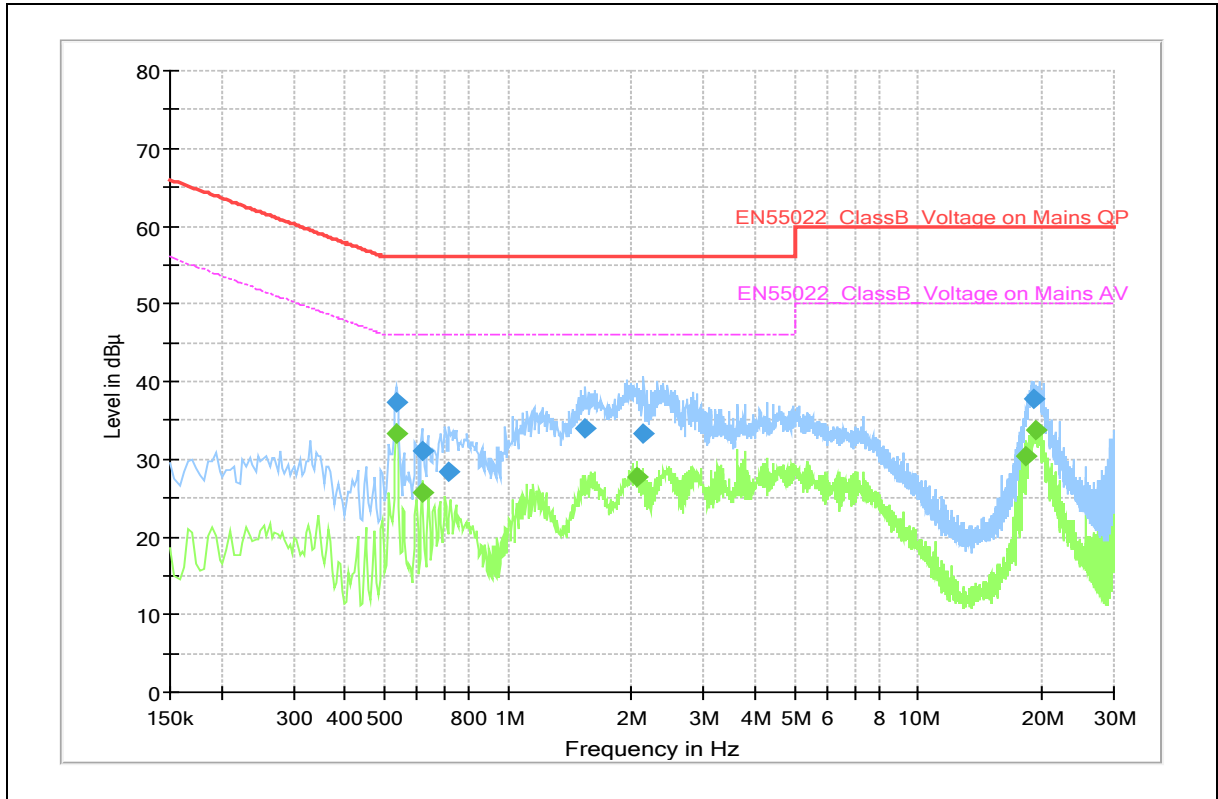
Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP /CAV final measurement results table:

Frequency (MHz)	QP (dBµV)	CAV (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
3.190	45.8	---	56.0	10.2	L1	10.0
3.622	45.7	---	56.0	10.3	L1	10.0
4.146	43.3	---	56.0	12.7	L1	10.0
6.038	42.1	---	60.0	17.9	L1	10.1
6.098	---	34.0	50.0	16.0	L1	10.1
17.774	---	36.8	50.0	13.2	L1	10.7
17.774	43.2	---	60.0	16.8	L1	10.7
17.854	---	36.0	50.0	14.0	L1	10.7
24.630	---	36.9	50.0	13.1	N	11.1
24.842	44.3	---	60.0	15.7	N	11.1

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



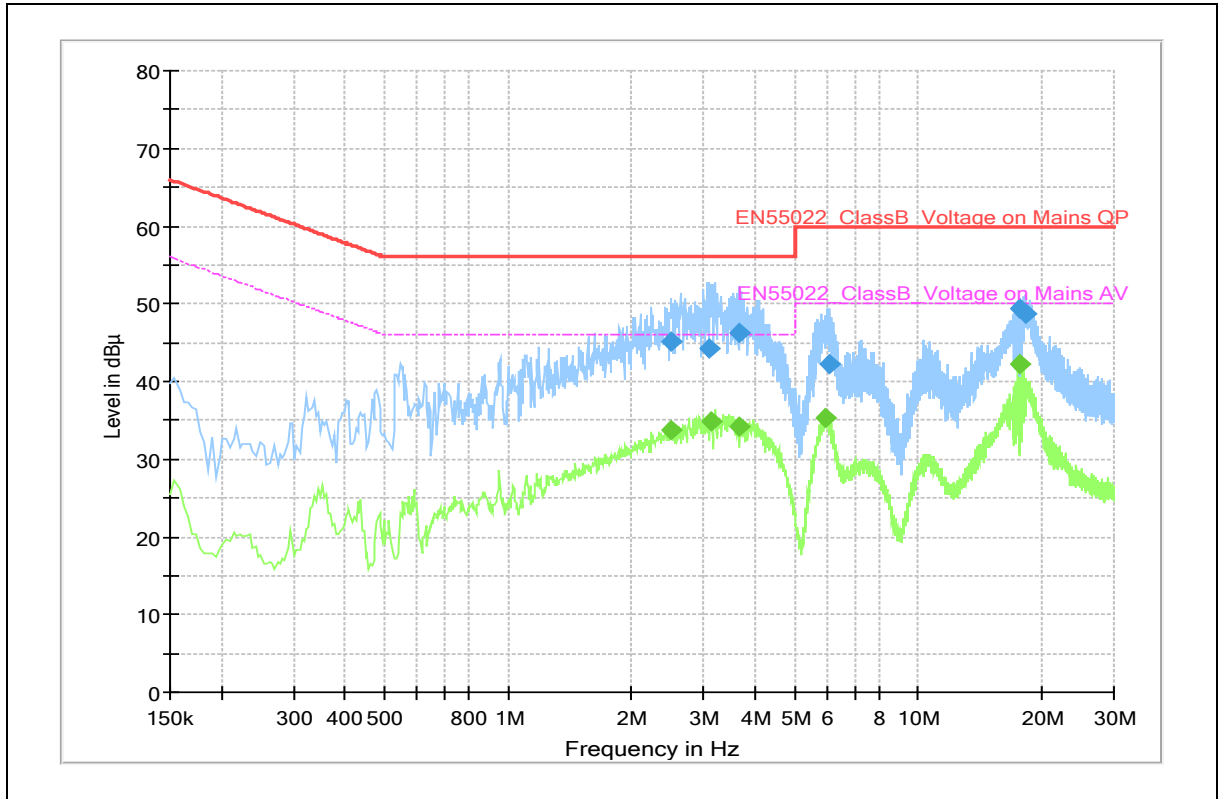
Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP /CAV final measurement results table:

Frequency (MHz)	QP (dBµV)	CAV (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.534	---	33.3	46.0	12.7	N	10.3
0.534	37.4	---	56.0	18.6	N	10.3
0.618	---	25.7	46.0	20.3	N	10.2
0.618	31.1	---	56.0	24.9	N	10.2
0.718	28.3	---	56.0	27.7	N	10.1
1.546	34.0	---	56.0	22.0	N	10.0
2.058	---	27.8	46.0	18.2	N	9.9
2.142	33.2	---	56.0	22.8	N	9.9
18.282	---	30.3	50.0	19.7	N	10.8
19.094	37.8	---	60.0	22.2	N	10.8
19.386	---	33.7	50.0	16.3	N	10.9

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

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)
2.502	---	33.8	46.0	12.2	L1	10.0
2.506	45.0	---	56.0	11.0	L1	10.0
3.098	44.3	---	56.0	11.7	L1	10.0
3.118	---	34.9	46.0	11.1	L1	10.0
3.662	46.2	---	56.0	9.8	L1	10.0
3.662	---	34.1	46.0	11.9	L1	10.0
5.962	---	35.3	50.0	14.7	L1	10.1
6.082	42.1	---	60.0	17.9	L1	10.1
17.770	49.3	---	60.0	10.7	N	10.8
17.770	---	42.3	50.0	7.7	N	10.8

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 [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 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	Model name	Manufacturer	Serial No.	Calibration	
					Date	Interval (Month)
E5I-017	EMI Test Receiver	ESU8	R&S	100483	2017-01-09	12
E5I-021	EMI Test Receiver	ESU40	R&S	100376	2017-01-11	12
E5I-035	Horn Antenna	HF907	R&S	100506	2015-05-07	24
E5I-039	Signal Conditioning Unit	SCU-18	R&S	10211	2017-01-24	12
E5I-093	Preamplifier	310N	SONOMA	273122	2017-01-24	12
E5I-076	Preamplifier	310N	SONOMA	332019	2016-06-04	12
E5I-121	BiLog Antenna	CBL6112D	TESEQ	36999	2016-08-18	24
E5I-070	BiLog Antenna	CBL6112D	TESEQ	35383	2016-11-25	24
E5I-037	WideBand Horn Antenna	WBH 18-40K	R&S	11201	2015-09-04	24
E5I-042	Signal Conditioning Unit	SCU-40A	R&S	10004	2016-09-12	12
E5I-100	Notebook Computer	NT-BONEXT-AS2	SAMSUNG	Z9H893GS200016D	-	-
E5I-108	Wi-Fi Router	R7000	NETGEAR	3LN1437W00AA7	-	-
-	Test Software	EP7/RE	Toyo	Ver 5.8.2	-	-
-	Test Software	EMC32	R&S	Ver 9.25.00	-	-

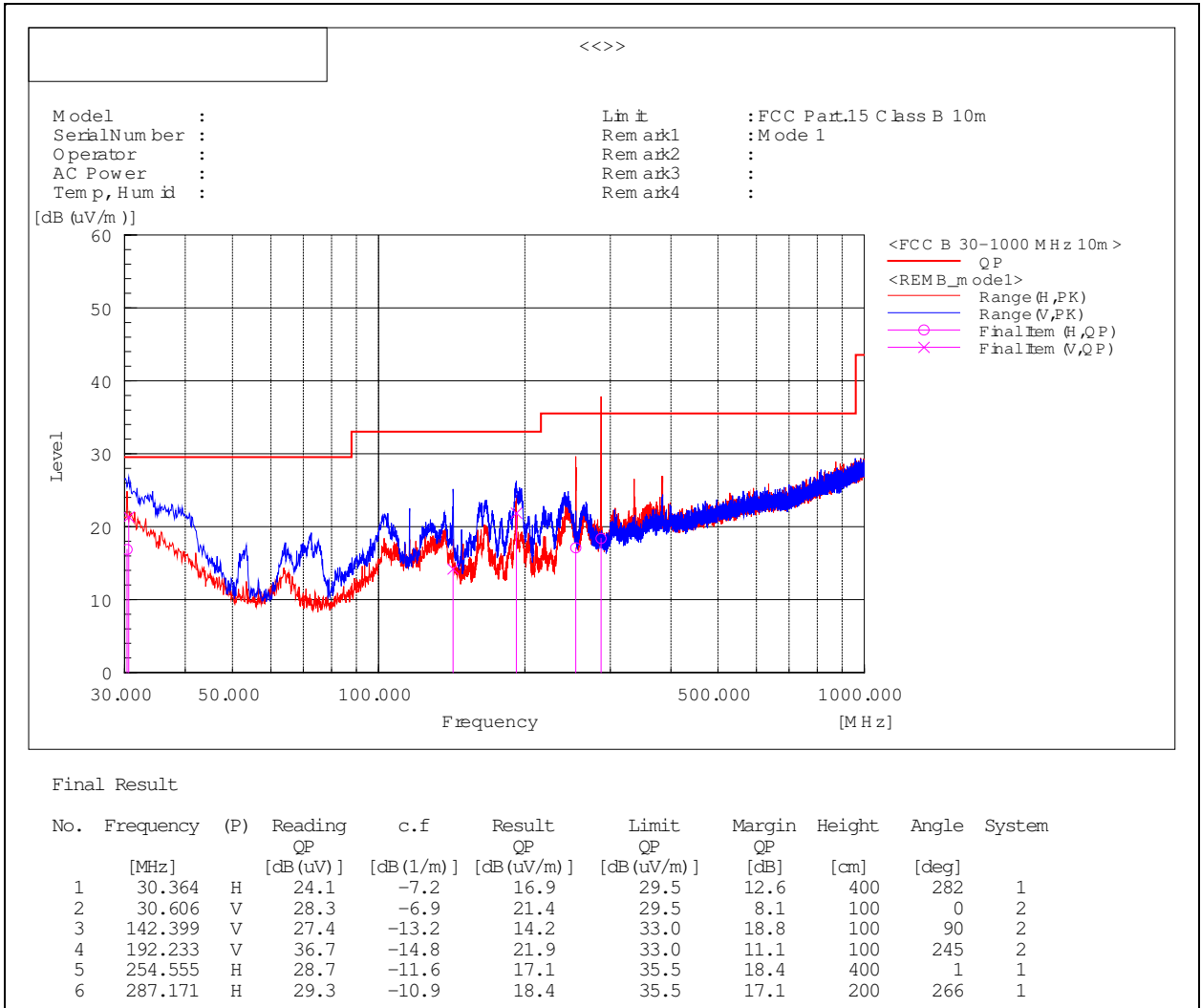
5.2.2 Temperature and humidity condition

Test date	2017-01-25 ~ 2017-01-26	Test engineer	Sung-Wook Choi
Climate condition	Ambient temperature	(21.2 ~ 21.5) °C	Limit (15.0 to 35.0) °C
	Relative humidity	(38.2 ~ 38.5) % R.H.	Limit (25.0 to 75.0) % R.H.
	Atmospheric pressure	(100.9 ~ 101.2) kPa	Limit (86.0 to 106.0) kPa
Test place	Semi-Anechoic Chamber (SAC8)		

5.2.3 Test results

- Frequencies below 1 GHz

Operating Mode 1



Note) Receiving antenna polarization : Horizontal, Vertical

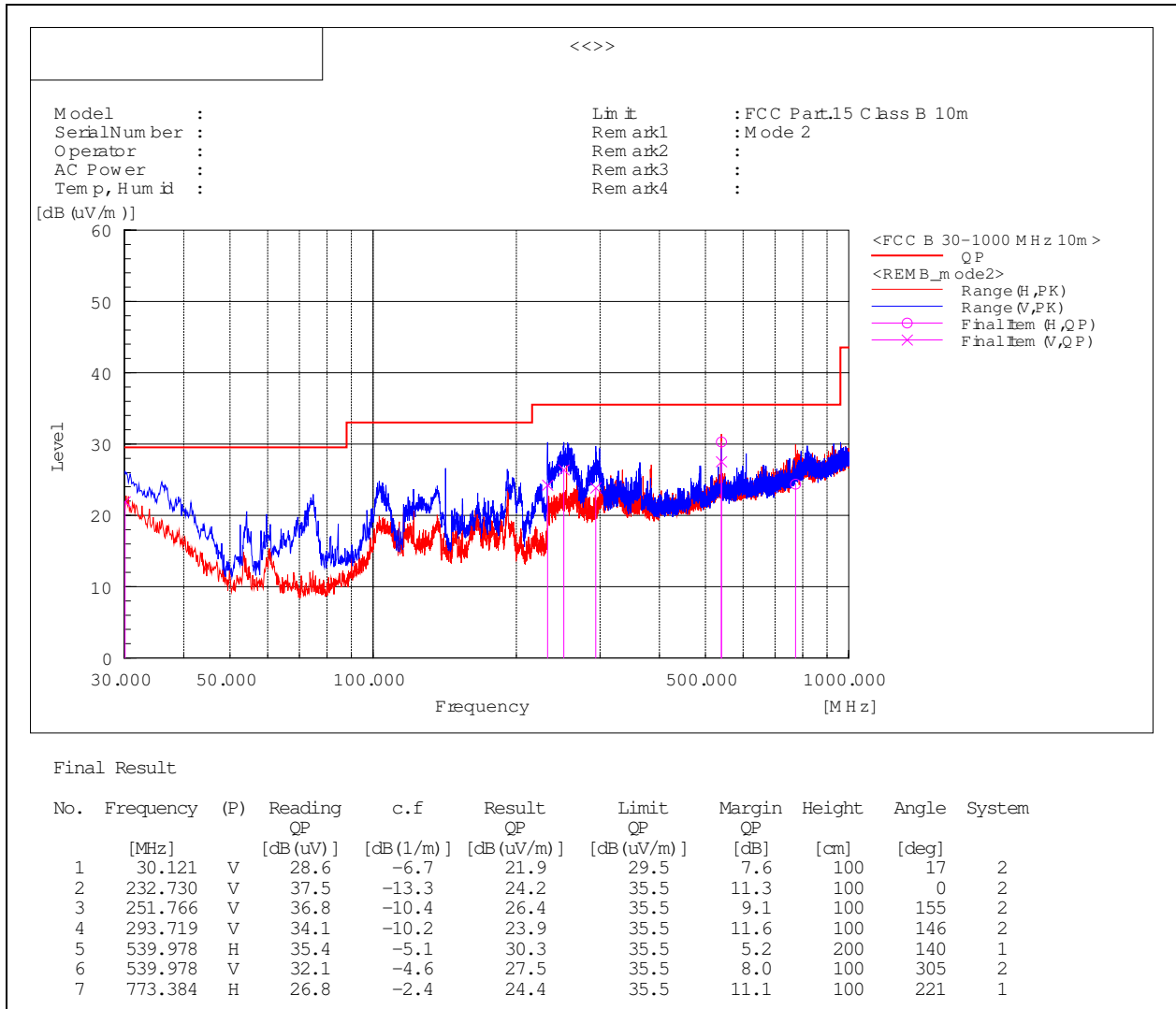
Test Distance : 10 m, Antenna Height : 1 to 4 meters

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

Margin (QP) = Limit - Level (QP)

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

Operating Mode 2



Note) Receiving antenna polarization : Horizontal, Vertical

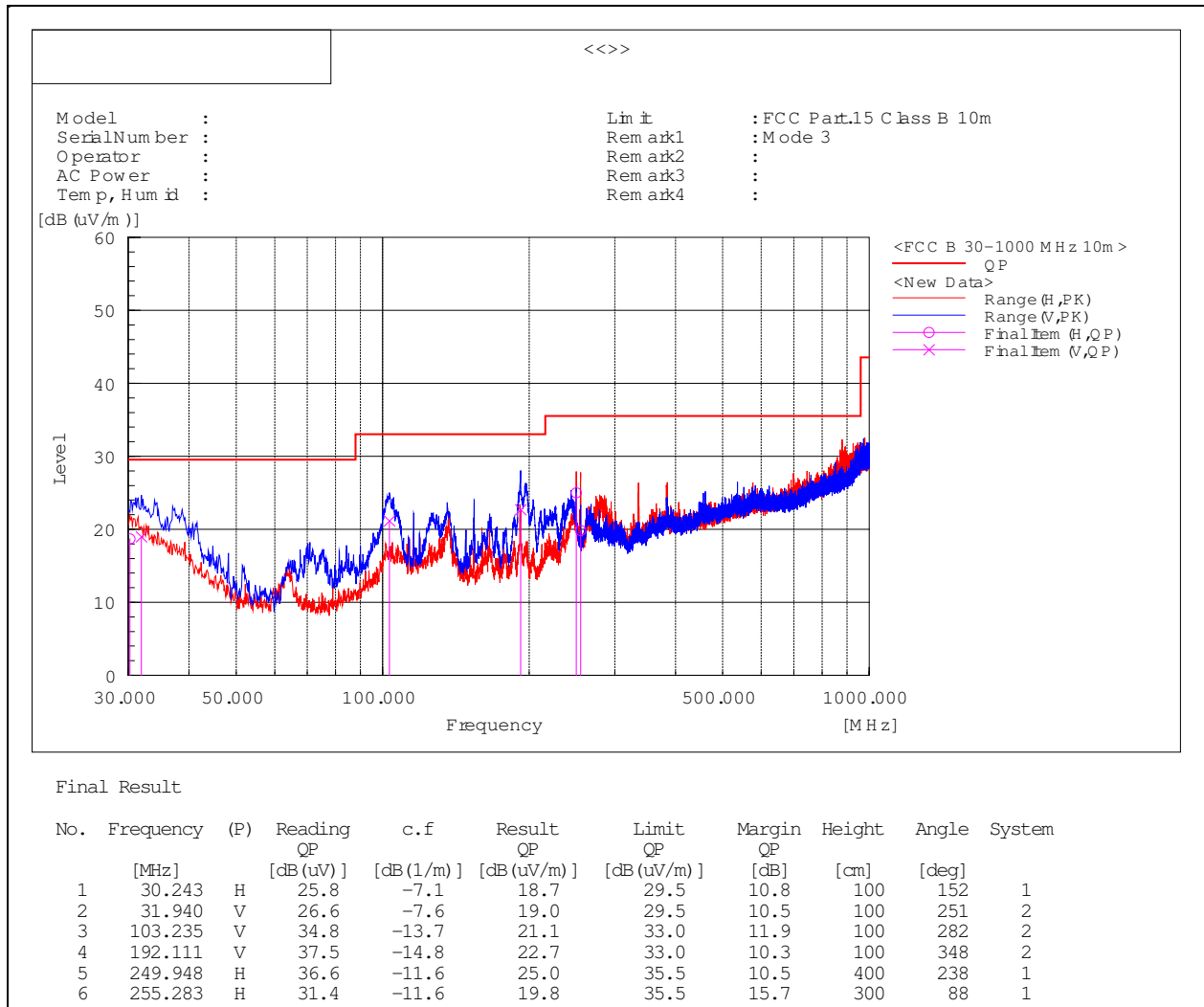
Test Distance : 10 m, Antenna Height : 1 to 4 meters

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

Margin (QP) = Limit - Level (QP)

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

Operating Mode 3



Note) Receiving antenna polarization : Horizontal, Vertical

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

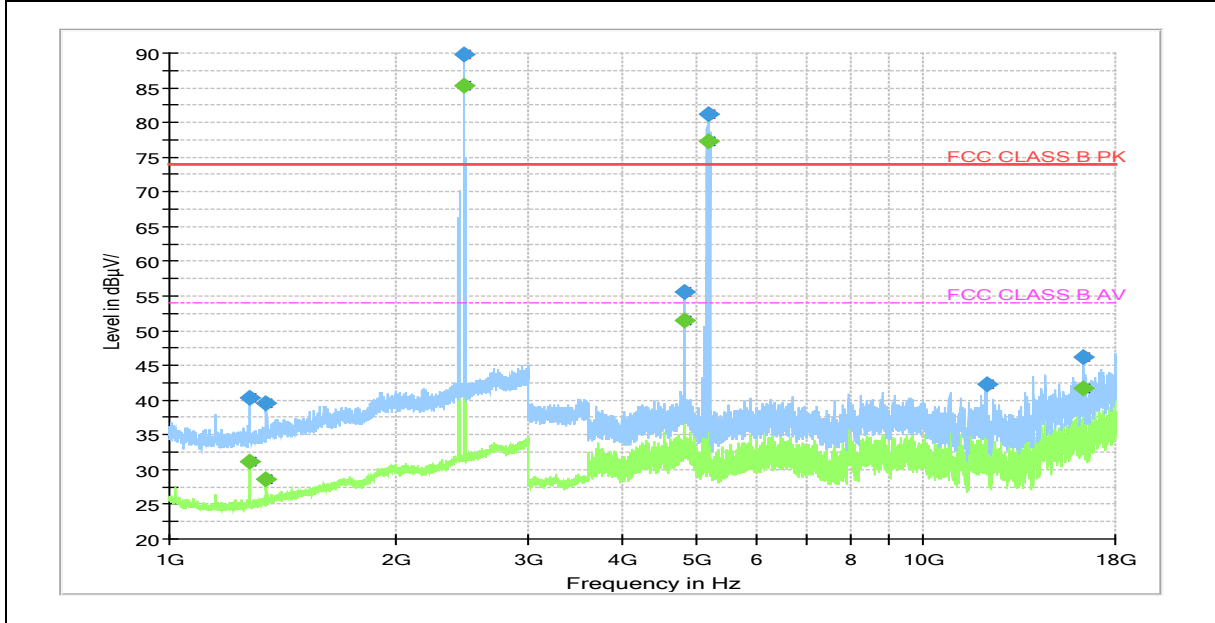
Level (QP) = Reading (QP) + c.f (Antenna Factor + Cable Loss - Amp. Gain)

Margin (QP) = Limit - Level (QP)

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

- Frequencies above 1 GHz

Operating Mode 1



* Remark: Radiated emissions (Tx / Rx frequency and Harmonics) from the transceiver shall be ignored.

PK /CAV final measurement results table:

Frequency (MHz)	PK (dBµV/m)	CAV (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1 275.600	40.4	---	74.0	33.6	100.0	H	285.0	7.3
1 276.000	---	31.2	54.0	22.8	100.0	H	221.0	7.4
1 339.600	39.5	---	74.0	34.5	100.0	V	214.0	8.0
1 340.800	---	28.6	54.0	25.4	100.0	V	214.0	8.0
2 460.800	---	85.2	54.0	-31.2	100.0	V	126.0	14.2
2 460.800	89.8	---	74.0	-15.8	100.0	V	126.0	14.2
4 819.500	---	51.4	54.0	2.6	100.0	H	57.0	6.0
4 819.500	55.6	---	74.0	18.4	100.0	H	57.0	6.0
5 178.000	---	77.3	54.0	-23.3	100.0	V	327.0	6.2
5 195.000	81.1	---	74.0	-7.1	100.0	V	327.0	6.2
12 128.500	42.3	---	74.0	31.7	100.0	H	81.0	18.6
16 301.000	46.1	---	74.0	27.9	100.0	H	218.0	28.3
16 301.500	---	41.7	54.0	12.3	100.0	V	327.0	28.3

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

Note 2) Receiving antenna polarization : Horizontal, Vertical

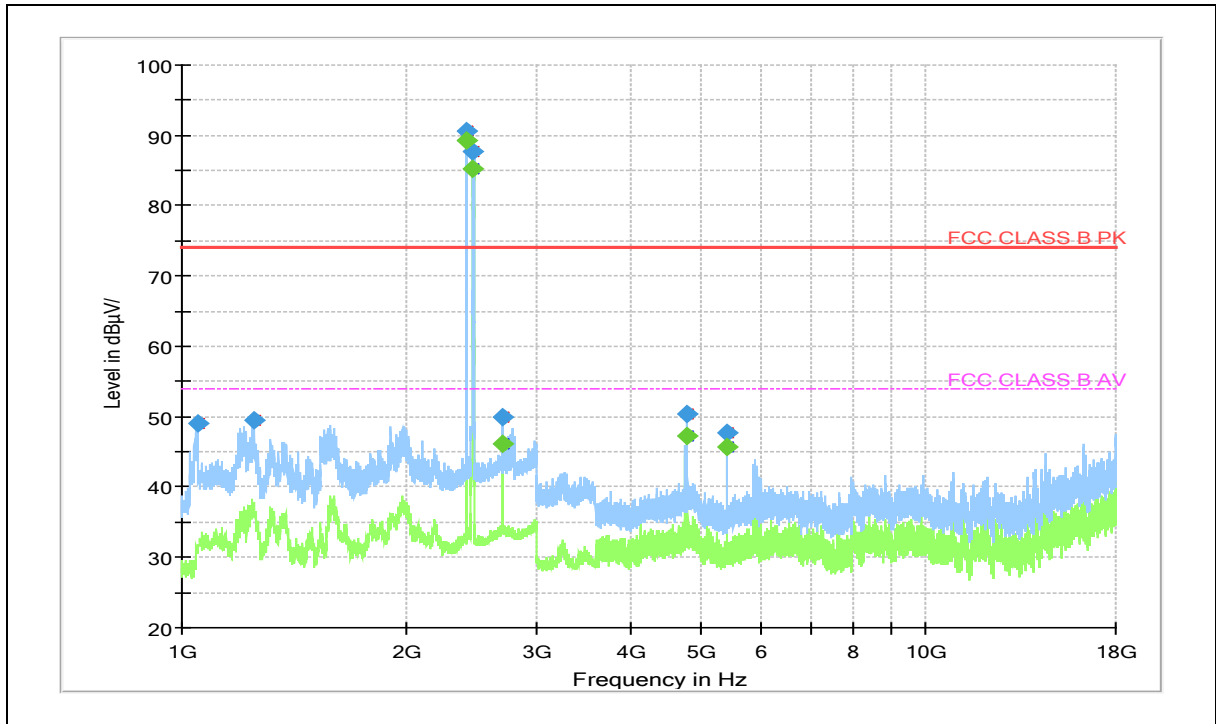
Test Distance : 3 m, Antenna Height : 1 to 4 meters

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



* Remark: Radiated emissions (Tx / Rx frequency and Harmonics) from the transceiver shall be ignored.

PK /CAV final measurement results table:

Frequency (MHz)	PK (dBµV/m)	CAV (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1 049.600	49.1	---	74.0	24.9	100.0	V	151.0	6.7
1 247.600	49.4	---	74.0	24.6	100.0	V	197.0	7.2
2 416.800	90.6	---	74.0	-16.6	100.0	H	222.0	14.0
2 417.200	---	89.3	54.0	-35.3	100.0	H	222.0	14.0
2 459.200	---	85.1	54.0	-31.1	100.0	H	40.0	14.2
2 459.200	87.8	---	74.0	-13.8	100.0	H	40.0	14.2
2 700.000	49.9	---	74.0	24.1	100.0	V	156.0	15.9
2 700.000	---	46.1	54.0	7.9	100.0	V	156.0	15.9
4 770.000	---	47.2	54.0	6.8	100.0	V	164.0	5.8
4 770.000	50.5	---	74.0	23.5	100.0	V	164.0	5.8
5 400.000	---	45.8	54.0	8.2	100.0	H	292.0	6.3
5 400.000	47.7	---	74.0	26.3	100.0	H	292.0	6.3

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

Note 2) Receiving antenna polarization : Horizontal, Vertical

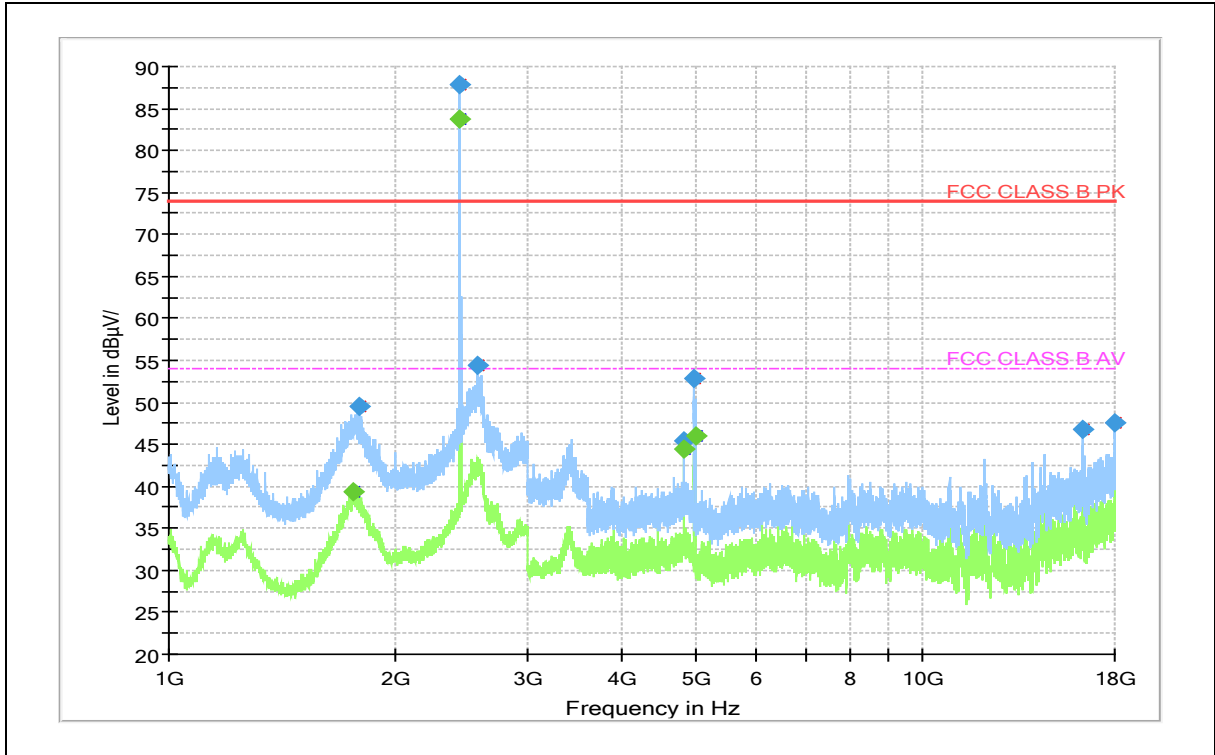
Test Distance : 3 m, Antenna Height : 1 to 4 meters

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



* Remark: Radiated emissions (Tx / Rx frequency and Harmonics) from the transceiver shall be ignored.

PK /CAV final measurement results table:

Frequency (MHz)	PK (dBµV/m)	CAV (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1 760.800	---	39.3	54.0	14.7	100.0	V	188.0	10.9
1 790.000	49.5	---	74.0	24.5	100.0	V	194.0	10.8
2 429.200	---	83.8	54.0	-29.8	100.0	H	0.0	14.0
2 430.400	87.8	---	74.0	-13.8	100.0	V	75.0	14.0
2 573.600	54.4	---	74.0	19.6	100.0	V	179.0	14.8
4 816.000	---	44.5	54.0	9.5	100.0	V	0.0	6.0
4 816.000	45.5	---	74.0	28.5	100.0	V	0.0	6.0
4 984.000	52.9	---	74.0	21.1	100.0	H	163.0	6.0
4 999.500	---	46.0	54.0	8.0	100.0	V	144.0	6.0
16 301.000	46.9	---	74.0	27.1	100.0	H	121.0	28.3
17 996.500	47.5	---	74.0	26.5	100.0	H	62.0	33.7

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