EMC TEST REPORT

Project No.	LBE20201184	Issue No.	0			
	Name of organization	Samsung Elec	tronics Co., Ltd.			
Applicant	Address		129, Samsung-ro, Yeongtong-gu, nggi-do, 16677, Republic of Korea			
	Date of receipt	December 16, 2020				
	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	A3LSMA525M				
EUT	Kind of product	Mobile Phone				
	Model No.	SM-A525M/DS				
	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 Sta	ındards	47 CFR Part 15, Subpart B, Class B / ANSI C63.4-2014				
Test Period	1	December 21, 2020 ~ December 28, 2020				
Issue date		December 30, 2020				
Test result : Complied						
The equipment under test has found (Refer to the attached test result for			with the applied standards.			
Tested by : Eun-Kyung Oh		Review	ed by : Sun-Ho Kim			
	Or July		Mi			

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.

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	December 30, 2020	There are no revisions and this version is basic test report.

* Remark

Compliance with Part 15B requirements for the receiver part of the licensed transmitter (equipment code CXX) is covered by other 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	Complied
	Radiated Disturbance	(Class B)	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 an ISO/IEC 17025 accredited testing laboratory by the National Radio Research Agency with designation No. KR0004. for EMC testing.

Mobile Phone: SM-A525M/DS

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		
Α	Mobile Phone	SM-A525M/DS	-	SAMSUNG	A3LSMA525M		
В	Battery	EB-BG781ABY	-	SDI	-		
С	Headset	EHS64AVFWE	-	ALMUS	-		
D	Data Cable	EP-DR140	-	RFTECH	-		
Е	Micro SD Card	64GB	-	SAMSUNG	DoC		
F	Laptop	L otitudo EE 00	1CHRYM2 Dell	DoC			
F	Computer	Latitude5580	D3HRYM2	Dell	DoC		
G	Laptop	Laptop	Laptop	LA65NM130	5D77	Dell	DoC
	AC Adapter	LAOSINIVITSO	5B3C	Dell	DoC		
Н	Mouse	AA-SM7PCPB	CNBA5903634ADV8J 31O3050	SAMSUNG	DoC		
		SNJ-B138	Z5F8353	SAMSUNG	DoC		
		DID 00CA	RF0F1D8011501	D-Link	DoC		
'	Router	DIR-806A	RF0F1D8011504	D-Link	DoC		
J	Travel Adapter	EP-TA200	R37NCABHWZ5DK3	DONGYANG	-		

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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	Camera (rear) + Charging (w/ TA) + Cellular receiver (LTE FDD26) + FM (Low ch.)
2	Camera (front) + Charging (w/ TA) + FM (Mid ch.)
3	Charging (w/ TA) + FM (High ch.)
4	Video + Audio playback from internal memory data + Charging (w/ TA)
5	USB Data Communication with PC (from External memory data)

4.2.2 Radiated Emission

No.	Operating mode
1	Camera (rear) + Charging (w/ TA) + FM (Low ch.)
2	Camera (front) + FM (Mid ch.)
3	FM (High ch.)
4	Video + Audio playback from internal memory data(w/ Headset)
5	USB Data Communication with PC (from External memory data)

4.3 Details of Sampling

Customer selected, single unit.

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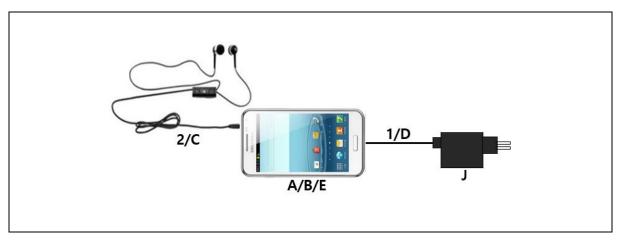
4.4 Used cable description

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:

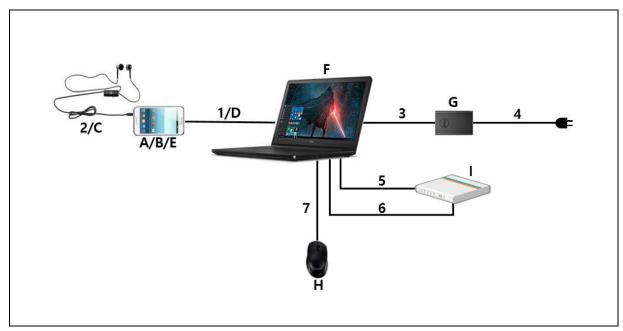
No.	Connected cable	Length [m]	Shielded [Y/N]	Note	
1	Data Cable	0.8	Y	From EUT to Laptop Computer or TA	
2	Headset	1.2	N	For EUT	
3	Power	1.8	N	From Laptop Computer to AC Adapter	
4	Power	1.5	N	For Laptop AC Adapter	
5	LAN	1.5	N	From Laptop Computer to Router	
6	USB	0.8	Y	From Laptop Computer to Router for DC Power	
7	USB	1.8	Y	From Laptop Computer to Mouse	

4.5 Test arrangement

4.5.1 Conducted Emission

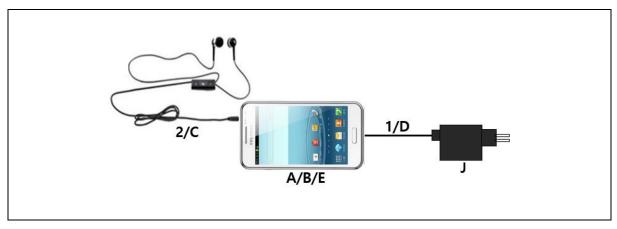


[Mode 1 - 4]

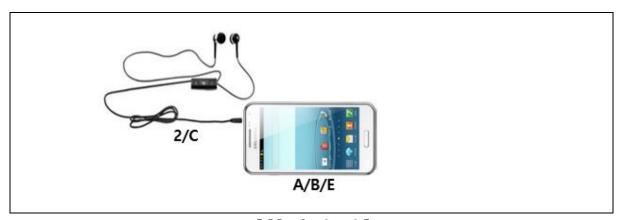


[Mode 5]

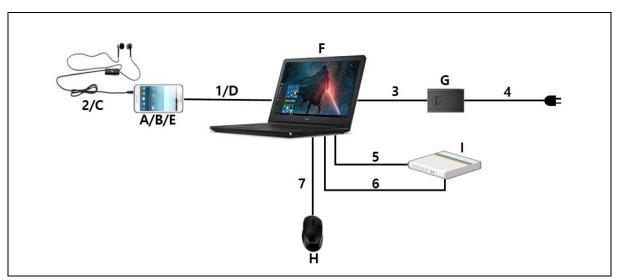
4.5.2 Radiated Emission



[Mode 1]



[Mode 2 - 4]



[Mode 5]

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4.6 EUT Description

The EUT is a bar type Mobile Phone which can operate on GSM850/900/1800/1900, WCDMA FDD1/2/4/5/8, LTE FDD 1/2/3/4/5/7/8/12/13/17/20/26/28/66, LTE TDD 38/40/41 and incorporates a Bluetooth, Wi-Fi, Camera, Audio, Video, FM Radio, GNSS and NFC.

4.6.1 The variant models

- SM-A525M

4.7 EUT Frequencies

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

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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 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.

RX mode(850MHz) testing was performed with the LTE B26 RX Test mode at center frequency. All licensed communication (850MHz) RX mode, GSM/WCDMA/LTE, test results are not significantly different.

The FM radio mode radiated testing was performed with the Low/Mid/High channel.

The video and audio were repetitively played with the earphone connected.

The camera of the EUT was operated continuously.

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. approximately 95 %, $k = 2$)	
Conducted disturbance	AC Mains	2.83 dB
Radiated Disturbance	Horizontal	4.08 dB
(Below 1 GHz)	Vertical	4.58 dB
Radiated Disturbance	Horizontal	5.21 dB
(Above 1 GHz)	Vertical	5.22 dB

^{*} Remark

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

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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	Resolution Bandwidth		nits [dB(μV)]	
[MHz]	[kHz]	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-006	LTE Communicator	CMW500	R&S	132728	2021-04-06	12
E5I-023	Signal Generator	SMB100A	R&S	175857	2021-01-29	12
E5I-017	EMI Test Receiver	ESU8	R&S	100483	2021-01-20	12
E5I-127	LISN	ENV216	R&S	102061	2021-07-29	12
-	Test software	EMC32	R&S	Ver 9.26.01	-	-

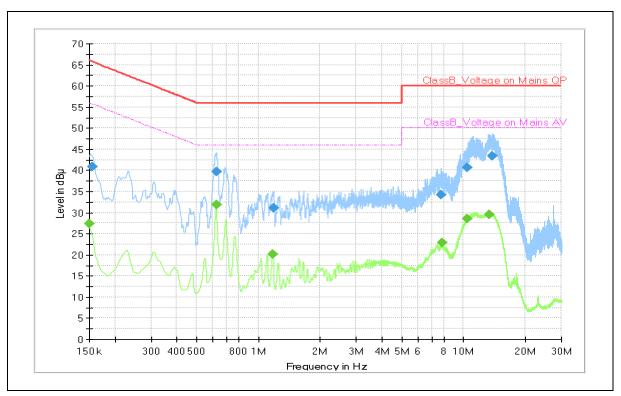
5.1.2 Temperature and humidity condition

Test date	2020-12-28	Test engineer	Eun-Kyung Oh		
Climate condition	Ambient temperature	(24.1 ± 0.5) ℃	Limit (15.0 to 35.0) ℃		
	Relative humidity	(40.1 ± 0.5) % R.H.	Limit (25.0 to 75.0) % R.H.		
	Atmospheric pressure	Limit (86.0 to 106.0) kPa			
Test place	Shield Room (SR8)				

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5.1.3 Test results

☐ Operating Mode 1: AC Mains

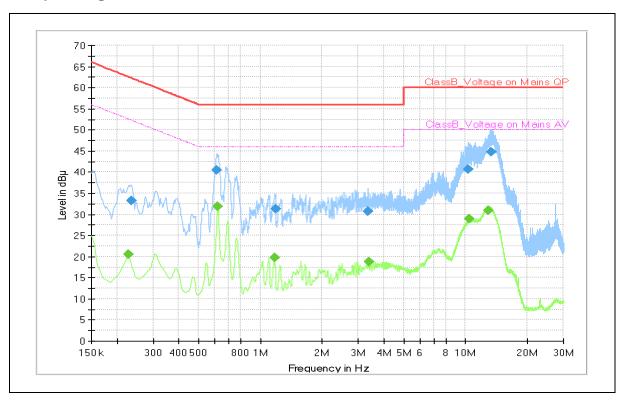


Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP / CAV final measurement results table:

Frequency (MHz)	QP (dBµV)	CAV (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.150		27.46	56.00	28.54	L1	9.9
0.155	40.84		65.75	24.92	N	10.0
0.623		31.86	46.00	14.14	L1	10.2
0.625	39.77		56.00	16.23	L1	10.2
1.176		20.14	46.00	25.86	N	10.0
1.185	31.00		56.00	25.00	N	10.0
7.791	34.18		60.00	25.82	L1	10.1
7.847		22.97	50.00	27.03	L1	10.1
10.390	40.70		60.00	19.30	L1	10.2
10.392		28.52	50.00	21.48	L1	10.2
13.317		29.55	50.00	20.45	L1	10.3
13.832	43.37		60.00	16.63	L1	10.3

☐ Operating Mode 2: AC Mains

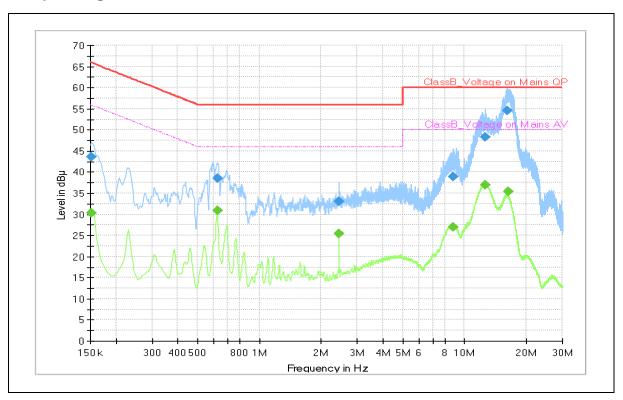


Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP / CAV final measurement results table:

Frequency (MHz)	QP (dBµV)	CAV (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.227		20.61	52.58	31.97	L1	9.9
0.236	33.15		62.25	29.10	N	9.9
0.614	40.48		56.00	15.52	L1	10.2
0.620		31.83	46.00	14.17	L1	10.2
1.172		19.80	46.00	26.20	N	10.0
1.185	31.22		56.00	24.78	N	10.0
3.334	30.62		56.00	25.38	L1	9.9
3.377		18.77	46.00	27.23	L1	9.9
10.298	40.65		60.00	19.35	L1	10.2
10.385		28.98	50.00	21.02	L1	10.2
12.955		30.90	50.00	19.10	L1	10.2
13.297	44.68		60.00	15.32	L1	10.3

☐ Operating Mode 3: AC Mains

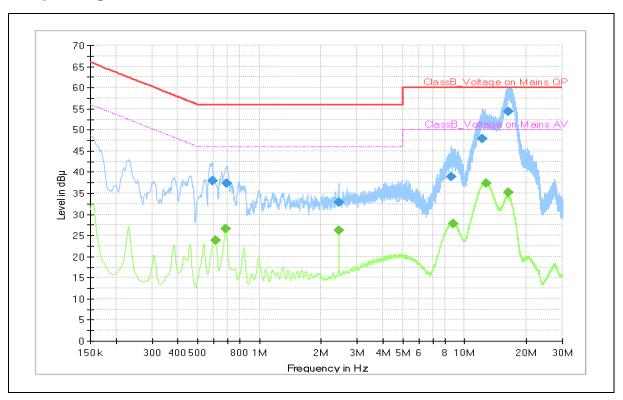


Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP / CAV final measurement results table:

Frequency (MHz)	QP (dBμV)	CAV (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.152		30.40	55.88	25.47	L1	10.0
0.152	43.70		65.88	22.18	L1	10.0
0.623		30.80	46.00	15.20	N	10.2
0.627	38.50		56.00	17.50	N	10.2
2.438	32.97		56.00	23.03	L1	9.9
2.443		25.47	46.00	20.53	L1	9.9
8.783		27.06	50.00	22.94	L1	10.1
8.810	38.90		60.00	21.10	L1	10.1
12.577		36.95	50.00	13.05	L1	10.2
12.658	48.39		60.00	11.61	L1	10.2
16.240	54.60		60.00	5.40	L1	10.4
16.271		35.30	50.00	14.70	L1	10.4

☐ Operating Mode 4: AC Mains

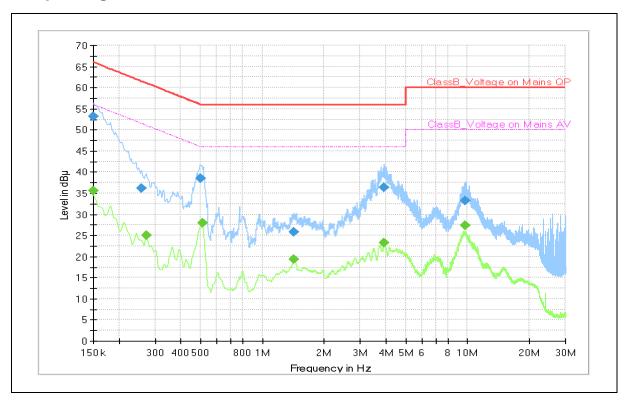


Note 1) Two graphs measured for both Live(L1) and Neutral(N) of the LISN are combined into one graph.

QP / CAV final measurement results table:

Frequency (MHz)	QP (dBµV)	CAV (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.589	37.99		56.00	18.01	L1	10.2
0.609		23.95	46.00	22.05	N	10.2
0.688		26.50	46.00	19.50	N	10.2
0.692	37.35		56.00	18.65	N	10.1
2.441		26.29	46.00	19.71	L1	9.9
2.441	32.94		56.00	23.06	L1	9.9
8.637	38.99		60.00	21.01	L1	10.1
8.828		27.72	50.00	22.28	L1	10.1
12.239	47.87		60.00	12.13	L1	10.2
12.703		37.34	50.00	12.66	L1	10.2
16.379		35.12	50.00	14.88	L1	10.4
16.404	54.42		60.00	5.58	L1	10.4

☐ Operating Mode 5: 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		35.62	56.00	20.38	L1	9.8
0.150	53.20		66.00	12.80	N	9.8
0.258	36.08		61.50	25.41	L1	9.8
0.274		25.08	51.00	25.93	L1	9.8
0.499	38.53		56.02	17.49	L1	10.1
0.510		27.90	46.00	18.10	L1	10.1
1.419	25.73		56.00	30.27	N	9.9
1.430		19.41	46.00	26.59	N	9.9
3.917		23.17	46.00	22.83	N	9.8
3.923	36.35		56.00	19.65	N	9.8
9.688	33.16		60.00	26.84	L1	9.8
9.688		27.36	50.00	22.64	L1	9.8

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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 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 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	Field Strength					
[MHz]	3 m [μV/m]	3 m [dB(μV/m)]	10 m [dB(μV/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 fomula from $D_1(3m)$ to $D_2(10m)$

: Limit at D_2 = Limit at D_1 + $20Log(D_1/D_2)$

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

Mobile Phone: SM-A525M/DS

5.2.1 Test instrumentation

					Next Calibration		
EMC No.	Test Instrument	Model name	Manufacturer	Serial No.	Date	Interval (Month)	
E5I-023	Signal Generator	SMB100A	R&S	175857	2021-01-29	12	
E5I-020	EMI Test Receiver	ESU40	R&S	100375	2021-09-14	12	
E5I-018	EMI Test Receiver	ESU8	R&S	100484	2021-05-22	12	
E5I-069	BiLog Antenna	CBL6112D	TESEQ	35382	2021-08-30	24	
E5I-071	BiLog Antenna	CBL6112D	TESEQ	35384	2021-08-30	24	
E5I-093	Preamplifier	310N	SONOMA	273122	2021-01-23	12	
E5I-094	Preamplifier	310N	SONOMA	282363	2021-01-23	12	
E5I-036	Horn Antenna	HF907	R&S	100507	2022-04-23	24	
E5I-039	Signal Conditioning Unit	SCU-18	R&S	10211	2021-01-23	12	
E5I-037	WideBand Horn Antenna	WBH 18-40K	R&S	11201	2021-01-31	24	
E5I-042	Signal Conditioning Unit	SCU-40A	R&S	10004	2021-09-09	12	
-	Test software	EP7RE	TOYO	Ver 5.8.2	-	-	
-	Test software	EMC32	R&S	Ver 9.25.00	-	-	

5.2.2 Temperature and humidity condition

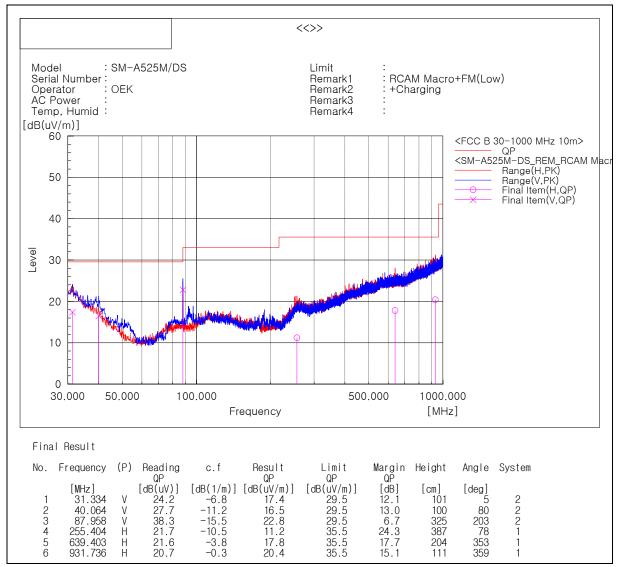
Test date	2020-12-21	Test engineer	Eun-Kyung Oh			
Climate condition	Ambient temperature	(23.1 ± 0.5) ℃	Limit (15.0 to 35.0) ℃			
	Relative humidity	(46.6 ± 0.5) % R.H.	Limit (25.0 to 75.0) % R.H.			
	Atmospheric pressure (101.6 ± 0.5) kPa Limit (86.0 to 106.0) kPa					
Test place	Semi-Anechoic Chamber (SAC4)					

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5.2.3 Test results

□ Operating Mode 1

- Frequencies below 1 GHz



^{*} Radiated emissions (Rx frequency 87.958 MHz) from the transceiver shall be ignored

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)

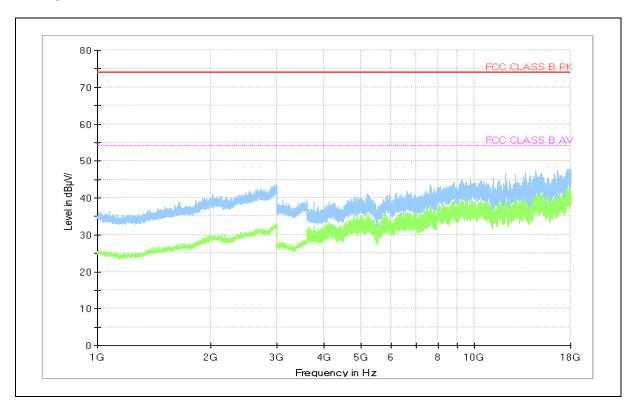
Margin (QP) = Limit - Level (QP)

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

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Mobile Phone: SM-A525M/DS

- 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)

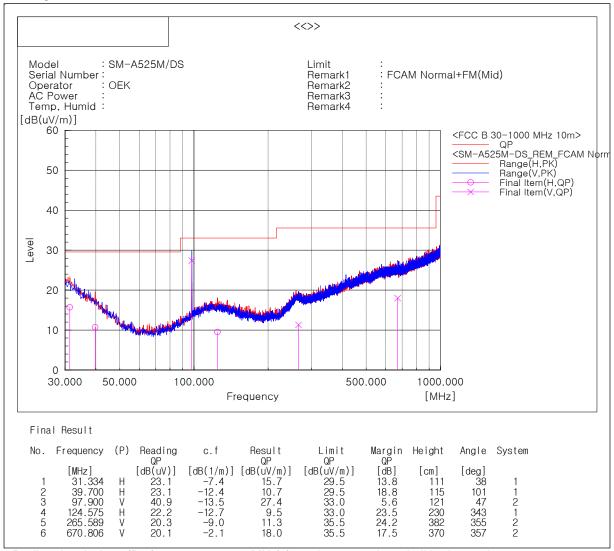
PK = Peak, CAV = CISPR-Average, Corr. = Correction Factor

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Mobile Phone: SM-A525M/DS

☐ Operating Mode 2

- Frequencies below 1 GHz



^{*} Radiated emissions (Rx frequency 97.900 MHz) from the transceiver shall be ignored

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)

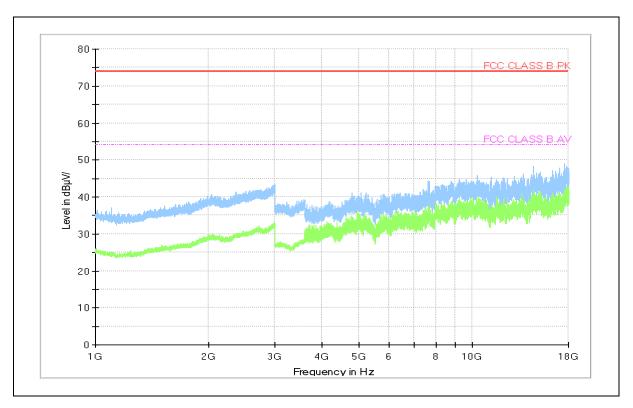
Margin (QP) = Limit - Level (QP)

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

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Mobile Phone: SM-A525M/DS

- 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)

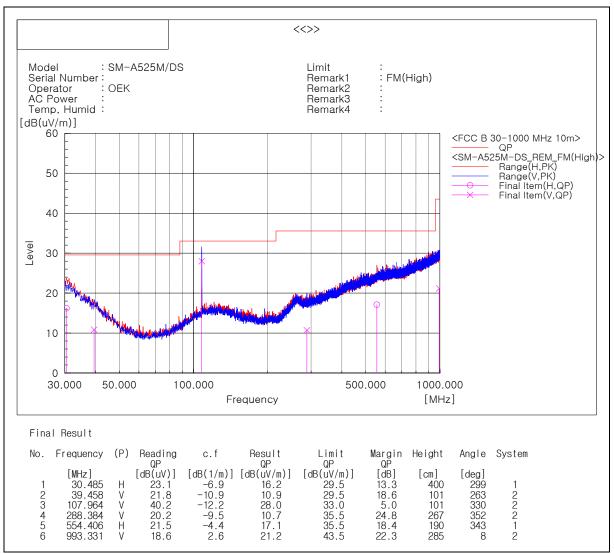
Margin (PK and/or CAV) = Limit – Level (PK and/or CAV)

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

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□ Operating Mode 3

- Frequencies below 1 GHz



^{*} Radiated emissions (Rx frequency 107.964 MHz) from the transceiver shall be ignored

Note1) Receiving antenna polarization: Horizontal, Vertical

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

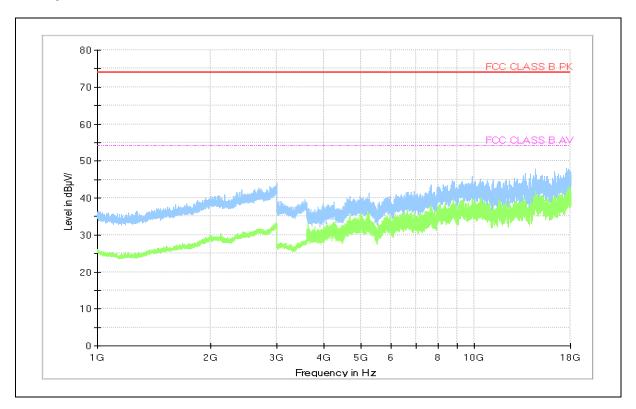
Result (QP) = Reading (QP) + c.f (Antenna Factor + Cable Loss - Amp. Gain)

Margin (QP) = Limit - Level (QP)

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

Mobile Phone: SM-A525M/DS

- 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)

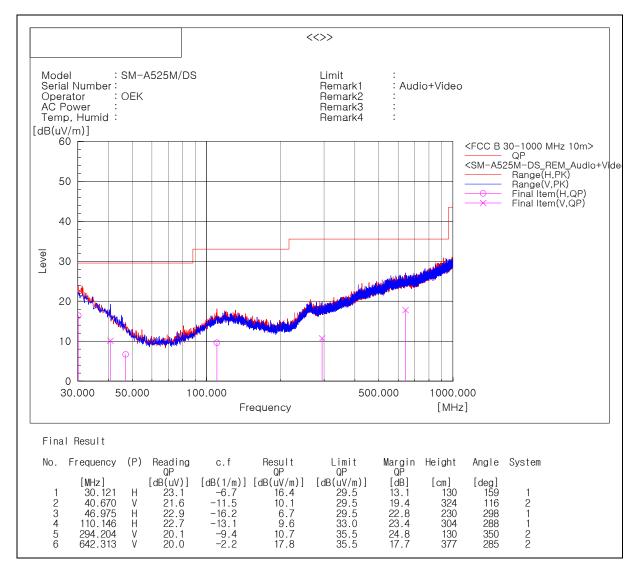
Margin (PK and/or CAV) = Limit – Level (PK and/or CAV)

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

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□ Operating Mode 4

- Frequencies below 1 GHz



Note1) Receiving antenna polarization: Horizontal, Vertical

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

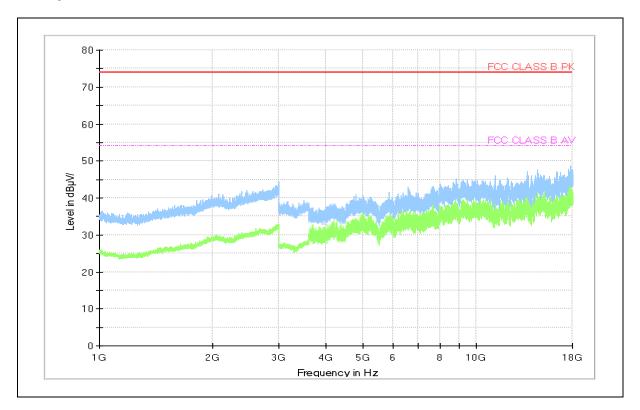
Result (QP) = Reading (QP) + c.f (Antenna Factor + Cable Loss - Amp. Gain)

Margin (QP) = Limit - Level (QP)

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

Mobile Phone: SM-A525M/DS

- 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)

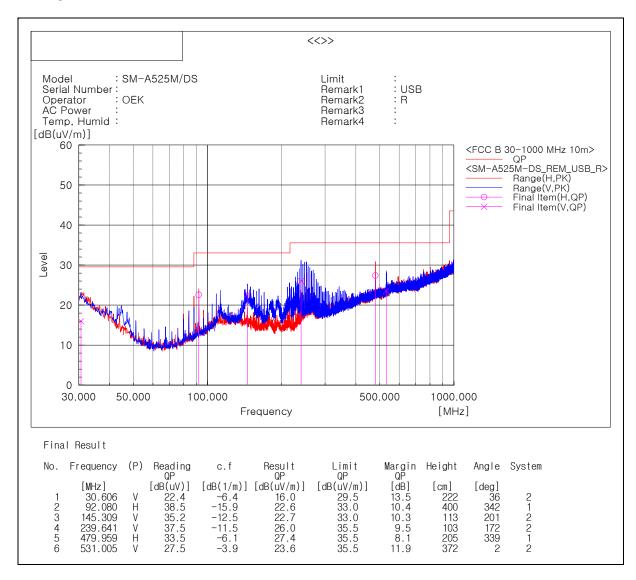
Margin (PK and/or CAV) = Limit – Level (PK and/or CAV)

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

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☐ Operating Mode 5

- Frequencies below 1 GHz



Note1) Receiving antenna polarization: Horizontal, Vertical

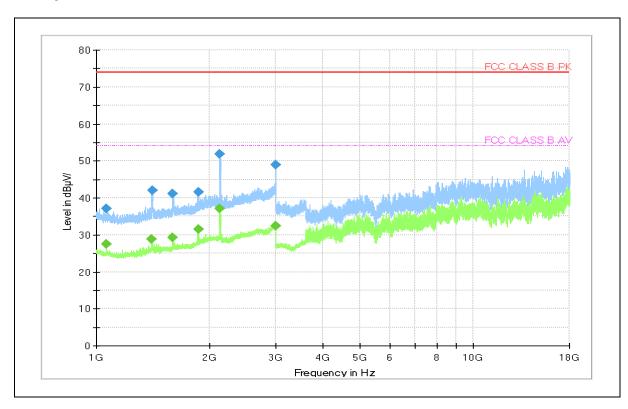
Test Distance : 10 m, Antenna Height : 1 to 4 meters

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)
1 062.400		27.44	54.00	26.56	101.2	Н	296.0	7.1
1 064.000	37.11		74.00	36.89	100.9	V	248.0	7.1
1 400.400		28.89	54.00	25.11	100.7	Н	264.0	8.9
1 405.600	41.92		74.00	32.08	101.0	Н	259.0	8.9
1 595.600	41.18		74.00	32.82	100.8	V	129.0	10.2
1 595.600		29.19	54.00	24.81	100.5	V	129.0	10.2
1 862.800		31.50	54.00	22.50	100.7	V	15.0	11.8
1 864.400	41.57		74.00	32.43	101.5	V	0.0	11.8
2 126.400		37.02	54.00	16.98	102.0	V	144.0	13.0
2 128.400	51.94		74.00	22.06	101.8	V	283.0	13.0
2 989.600	48.95		74.00	25.05	100.7	V	119.0	16.9
2 990.000		32.42	54.00	21.58	101.0	V	349.0	17.0

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)

 ${\sf PK} = {\sf Peak}, \, {\sf CAV} = {\sf CISPR\text{-}Average}, \, {\sf Corr.} = {\sf Correction} \, \, {\sf Factor}$