CERTIFICATION TEST REPORT

Report Number. : 4791196575-E1V2

Applicant : SAMSUNG ELECTRONICS CO., LTD.
129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI,
GYEONGGI-DO, 16677, KOREA

Model : SM-F956U, SM-F956U1

FCC ID : A3LSMF956U

EUT Description : GSM/WCDMA/LTE/5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax, NFC, WPT and UWB.

Test Standard(s) : FCC 47 CFR PART 15 SUBPART B

Date Of Issue:
2024-05-07

Prepared by:
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26th floor, 152, Teheran-ro, Gangnam-gu Seoul, 06236, Korea

Suwon Test Site: UL KOREA LTD. Suwon Laboratory
218 Maeyeong-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16675, Korea
TEL: (031) 337-9902
FAX: (031) 213-5433

IAS ACCREDITED
Testing Laboratory
TL-637

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2024-04-26	Initial issue	Yeonhee Lim
V2	2024-05-07	Updated measurement uncertainty	Yeonhee Lim

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME:	SAMSUNG ELECTRONICS CO., LTD.
EUT DESCRIPTION:	GSM/WCDMA/LTE/5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax, NFC, WPT and UWB.
MODEL NUMBER:	SM-F956U, SM-F956U1
SERIAL NUMBER:	R3CX10W662L, R3CX10W66ZL, R3CX10W668D (RADIATED);
DATE TESTED:	2024-02-16 - 2024-04-26;

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
FCC PART 15B	Complies

UL KOREA LTD. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL KOREA LTD. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL KOREA LTD. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL KOREA LTD. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by IAS, any agency of the Federal Government, or any agency of any government.

Approved & Released For
UL KOREA LTD. By:

Steven(SangYun) Kim
Suwon Lab Engineer
UL KOREA LTD.

Tested By:

Yeonhee Lim
Suwon Lab Engineer
UL KOREA LTD.

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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with following methods.

1. FCC CFR 47 Part 2.
2. FCC CFR 47 Part 15.
3. ANSI C63.4-2014

3. FACILITIES AND ACCREDITATION

The test sites and measurement facilities used to collect data are located at 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do,16675, Korea. Line conducted emissions are measured only at the 218 address. The following table identifies which facilities were utilized for radiated emission measurements documented in this report. Specific facilities are also identified in the test results sections.

218 Maeyeong-ro
☒ Chamber 1(3m semi-anechoic chamber)
☒ Chamber 2(3m semi-anechoic chamber)
☒ Chamber 3(3m semi-anechoic chamber)
☐ Chamber 4(3m Full-anechoic chamber)
☐ Chamber 5(3m Full-anechoic chamber)

UL KOREA LTD. is accredited by IAS, Laboratory Code TL-637. The full scope of accreditation can be viewed at https://www.iasonline.org/wp-content/uploads/2017/05/TL-637-cert-New.pdf.

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4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
28.9 dBuV/m = 36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB

Corrected Reading (dBuV) = Meter Reading (dBuV) + External Cable (dB) + Cableloss (dB)
46.62 dBuV + 9.8 dB + 0.1 dB = 56.52 dBuV

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Conducted Disturbance, 0.15 to 30 MHz	2.79 dB
Radiated Disturbance, 30 MHz to 1 GHz	4.07 dB
Radiated Disturbance, 1 GHz to 18 GHz	4.99 dB

Uncertainty figures are valid to a confidence level of 95%.

4.4. DECISION RULE

Decision rule for statement(s) of conformity is based on Clause 4.3.3 in IEC Guide 115:2023.

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5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a GSM/WCDMA/LTE 5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax, NFC, WPT and UWB. This test report addresses the WWAN Receiver mode.

Representative model	Difference	Derivative model
		SM-F956U1
SM-F956U	Hardware	Same as SM-F956U
	Software	Different UI

Thus, SM-F956U was set for final test.

5.2. TEST MODE AND WORST-CASE ORIENTATION

The EUT was tested while operating in licensed band Rx mode.

The EUT operate 30 MHz – 960 MHz in following bands :
GSM 850, WCDMA B5, LTE B5, LTE B12, LTE B13, LTE B14, LTE B26, LTE BAND 29(Downlink CA), NR n5, NR n12, NR n26, NR n71

Only the worst case emissions are reported. Worst Case is LTE Band 26

The fundamental and radiated spurious emission were investigated in three orthogonal orientations X,Y and Z, it was determined that below orientation was worst-case orientation for each band.

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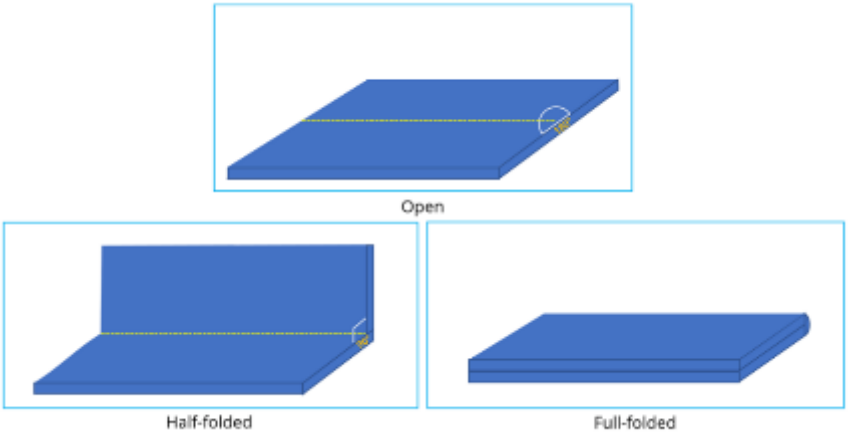

Worst Axis Condition:

Band	Worst Case		
	X	Y	Z
LTE B26	Open	-	-

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5.3. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	**Manufacture**	**Model**	**Serial Number**	**FCC ID**
Charger	SAMSUNG	EP-TA800	R37T53J8459SEA	N/A
Data Cable	SAMSUNG	EP-DN980	GH39-02111A	N/A

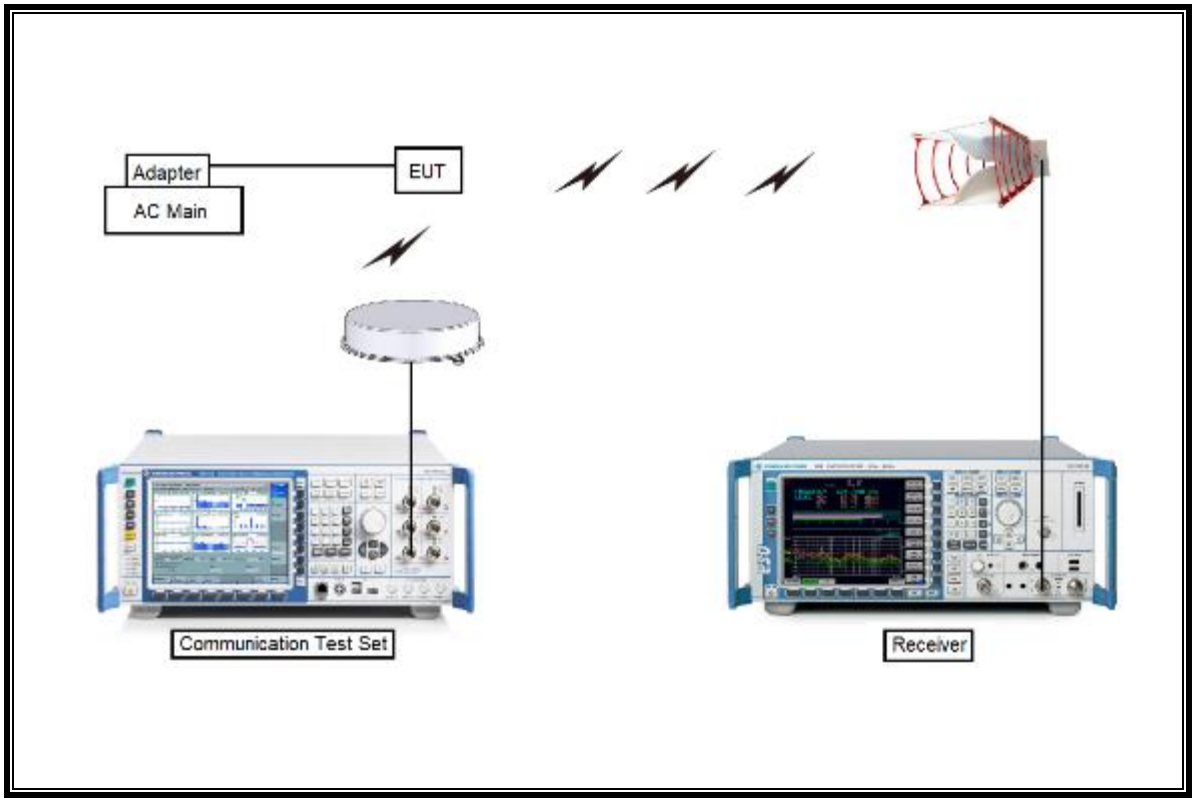
I/O CABLE

I/O Cable List						
Cable No.	**Port**	**# of identical ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	DC Power	1	C Type	Shielded	1.0 m	N/A

TEST SETUP

The EUT is continuously communicated with the call box during the tests. Also attached with travel adapter for the worst case condition.

SETUP DIAGRAM FOR TESTS (RADIATED TEST SETUP)



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6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

Test Equipment List				
Description	**Manufacturer**	**Model**	**S/N**	**Cal Due**
Antenna, Tuned Dipole 400~1000 MHz	ETS	3121D DB4	00164753	2025-01-17
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	750	2024-08-15
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	845	2024-08-15
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	749	2024-08-15
Communications Test Set	R&S	CMW500	169797	2024-07-23
Preamplifier, 1000 MHz	Sonoma	310N	341282	2024-07-24
Preamplifier, 1000 MHz	Sonoma	310N	370599	2024-07-24
Preamplifier, 1000 MHz	Sonoma	310N	351741	2024-07-24
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	2029169	2024-07-24
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1896138	2024-07-25
EMI Test Receive, 40 GHz	R&S	ESU40	100439	2024-07-23
EMI Test Receive, 40 GHz	R&S	ESU40	100457	2024-07-24
Directional Antenna	Cobham	FPA3-0.8-6.0R/1329	80108-0004	N/A
Directional Antenna	Cobham	FPA3-0.8-6.0R/1329	110367-0003	N/A
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G005	2024-07-23
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G006	2024-07-23
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	010	2024-07-24
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	011	2024-07-24
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G001	2024-07-23
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G002	2024-07-24
Attenuator	PASTERNACK	PE7087-10	A009	2024-07-24
Attenuator	PASTERNACK	PE7087-10	A001	2024-07-24
Attenuator	PASTERNACK	PE7087-10	A008	2024-07-27
Attenuator	PASTERNACK	PE7004-10	A015	2024-07-23
Attenuator	PASTERNACK	PE7395-10	A011	2024-07-25
EMI Test Receive, 3 GHz	R&S	ESR3	101832	2024-07-23
LISN	R&S	ENV-216	101836	2024-07-23
LISN	R&S	ENV-216	101837	2024-07-23

UL Software			
Description	**Manufacturer**	**Model**	**Version**
Radiated software	UL	UL EMC	Ver 9.5
AC Line Conducted software	UL	UL EMC	Ver 9.5

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7. APPLICABLE LIMITS AND TEST RESULTS

7.1. RADIATED EMISSIONS

TEST PROCEDURE

ANSI C63.4-2014

LIMIT

§15.109 (a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Limits for radiated disturbance of Class B ITE at measuring distance of 3 m	
Frequency range (MHz)	Quasi-peak limits (dBµV/m)
30 to 88	40
88 to 216	43.5
216 to 960	46
Above 960 MHz	54
Note: The lower limit shall apply at the transition frequency.	

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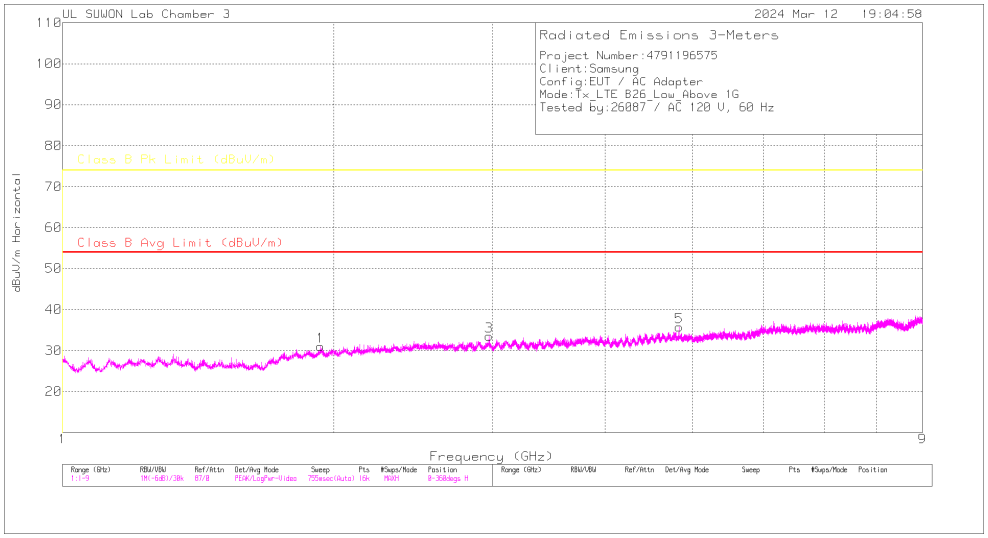
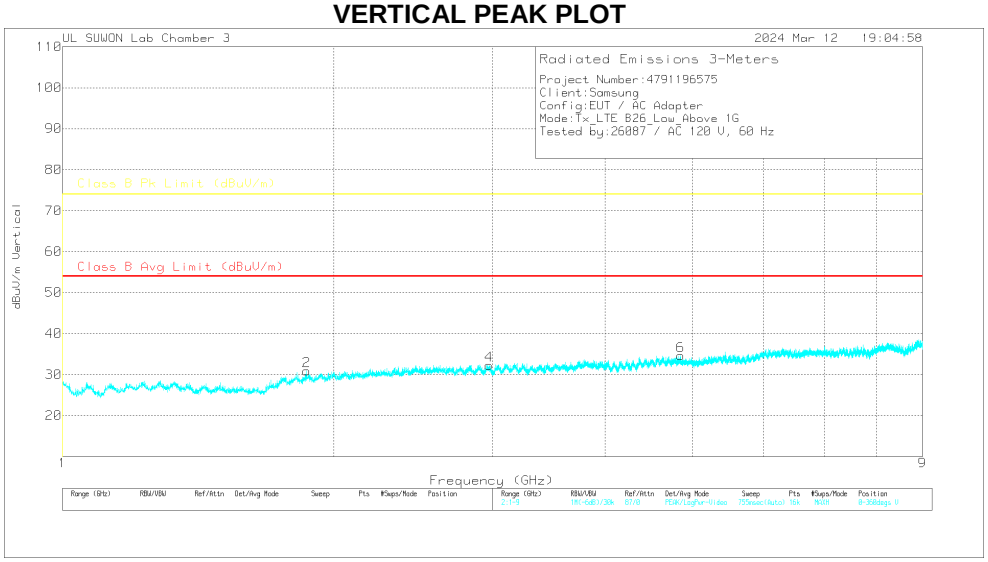
7.1.1. Above 1 GHz

LOW CHANNEL(861.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor(dB)	1-18GHz_Path Loss(dB)	1G HPF_Path Loss(dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.932	42.23	Pk	31	-35	.9	39.13	-	-	74	-34.87	0	100	H
1.932	29.56	Ca	31	-35	.9	26.46	54	-27.54	-	-	0	100	H
1.8655	42.88	Pk	30.6	-35.1	.9	39.28	-	-	74	-34.72	0	100	V
1.8655	29.44	Ca	30.6	-35.1	.9	25.84	54	-28.16	-	-	0	100	V
2.974	40.64	Pk	32.7	-33.9	.8	40.24	-	-	74	-33.76	0	100	H
2.974	28.46	Ca	32.7	-33.9	.8	28.06	54	-25.94	-	-	0	100	H
2.976	41.39	Pk	32.8	-33.9	.8	41.09	-	-	74	-32.91	0	100	V
2.976	28.41	Ca	32.8	-33.9	.8	28.11	54	-25.89	-	-	0	100	V
4.8325	37.89	Pk	34.2	-30.8	.6	41.89	-	-	74	-32.11	0	100	H
4.8325	25.75	Ca	34.2	-30.8	.6	29.75	54	-24.25	-	-	0	100	H
4.853	38.3	Pk	34.2	-30.7	.6	42.4	-	-	74	-31.6	0	100	V
4.853	25.63	Ca	34.2	-30.7	.6	29.73	54	-24.27	-	-	0	100	V

Pk - Peak detector
Ca - CISPR average detection

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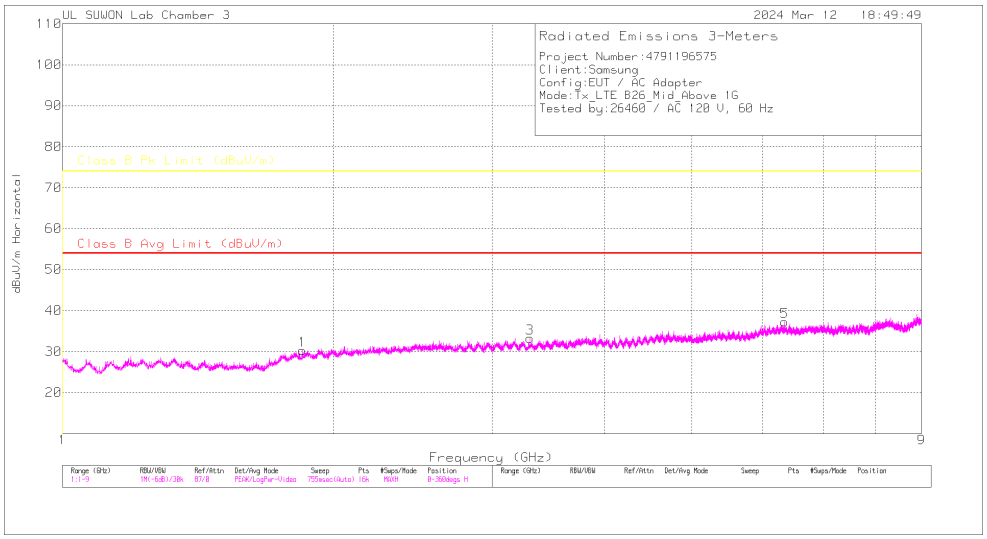
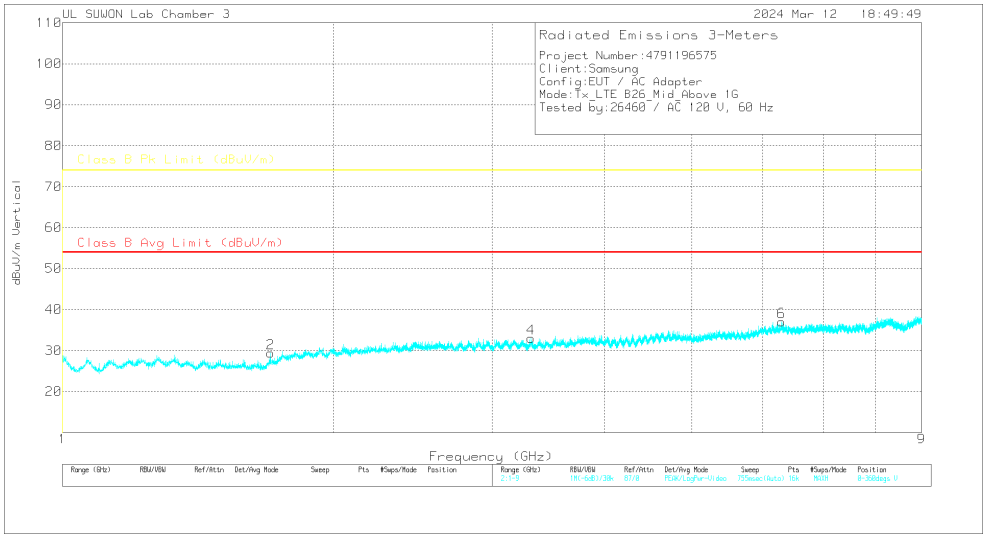
MID CHANNEL(876.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor(dB)	1-18GHz_Path Loss(dB)	1G HPF_Path Loss(dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1.8475	40.8	Pk	30.5	-35.1	.9	37.1	-	-	74	-36.9	0	100	H
1.8475	28.93	Ca	30.5	-35.1	.9	25.23	54	-28.77	-	-	0	100	H
1.703	41.73	Pk	29.1	-35.4	.5	35.93	-	-	74	-38.07	0	100	V
1.703	29.63	Ca	29.1	-35.4	.5	23.83	54	-30.17	-	-	0	100	V
3.3055	40.28	Pk	32.8	-33.5	.8	40.38	-	-	74	-33.62	0	100	H
3.3055	27.81	Ca	32.8	-33.5	.8	27.91	54	-26.09	-	-	0	100	H
3.3135	41.48	Pk	32.8	-33.4	.8	41.68	-	-	74	-32.32	0	100	V
3.3135	28.03	Ca	32.8	-33.4	.8	28.23	54	-25.77	-	-	0	100	V
6.3465	35.53	Pk	36	-28.2	.7	44.03	-	-	74	-29.97	0	100	H
6.3465	23.46	Ca	36	-28.2	.7	31.96	54	-22.04	-	-	0	100	H
6.29	36.26	Pk	36	-28.3	.7	44.66	-	-	74	-29.34	0	100	V
6.29	23.75	Ca	36	-28.3	.7	32.15	54	-21.85	-	-	0	100	V

Pk - Peak detector
Ca - CISPR average detection

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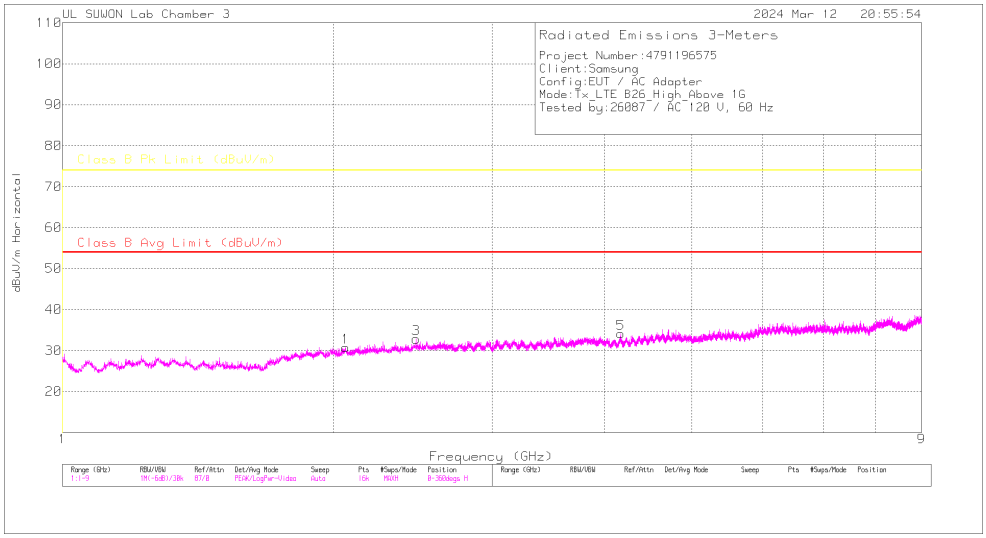
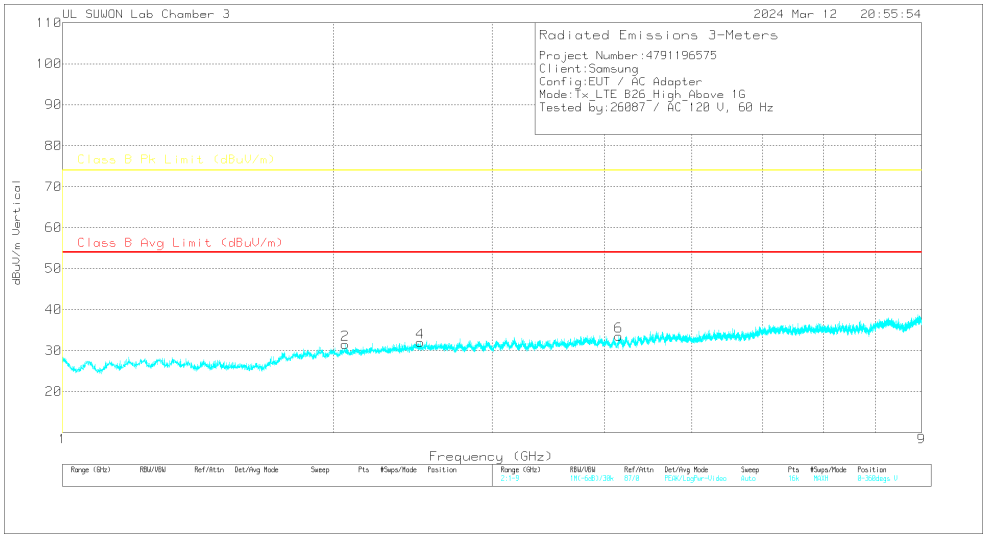
HIGH CHANNEL(891.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_957_Factor(dB)	1-18GHz_Path Loss(dB)	1G HPF_Path Loss(dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2.0625	41.97	Pk	31.4	-35	.8	39.17	-	-	74	-34.83	0	100	H
2.0625	29.35	Ca	31.4	-35	.8	26.55	54	-27.45	-	-	0	100	H
2.0605	41.9	Pk	31.3	-34.9	.8	39.1	-	-	74	-34.9	0	100	V
2.0605	29.36	Ca	31.3	-34.9	.8	26.56	54	-27.44	-	-	0	100	V
2.4705	41.29	Pk	32.3	-34.6	1	39.99	-	-	74	-34.01	0	100	H
2.4705	28.99	Ca	32.3	-34.6	1	27.69	54	-26.31	-	-	0	100	H
2.4955	40.45	Pk	32.4	-34.5	1	39.35	-	-	74	-34.65	0	100	V
2.4955	28.5	Ca	32.4	-34.5	1	27.4	54	-26.6	-	-	0	100	V
4.1725	38.83	Pk	33.5	-32	.7	41.03	-	-	74	-32.97	0	100	H
4.1725	26.67	Ca	33.5	-32	.7	28.87	54	-25.13	-	-	0	100	H
4.149	38.95	Pk	33.5	-32	.7	41.15	-	-	74	-32.85	0	100	V
4.149	26.22	Ca	33.5	-32	.7	28.42	54	-25.58	-	-	0	100	V

Pk - Peak detector
Ca - CISPR average detection

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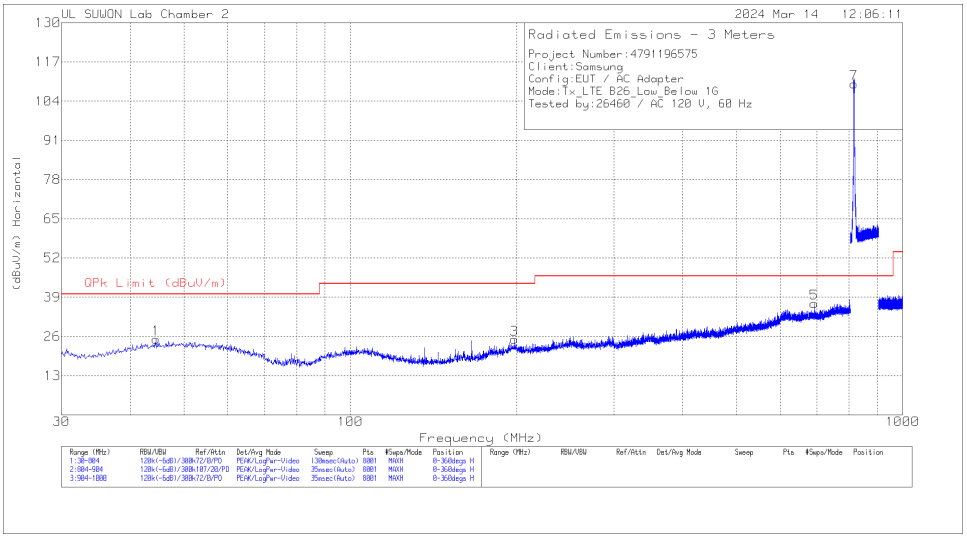
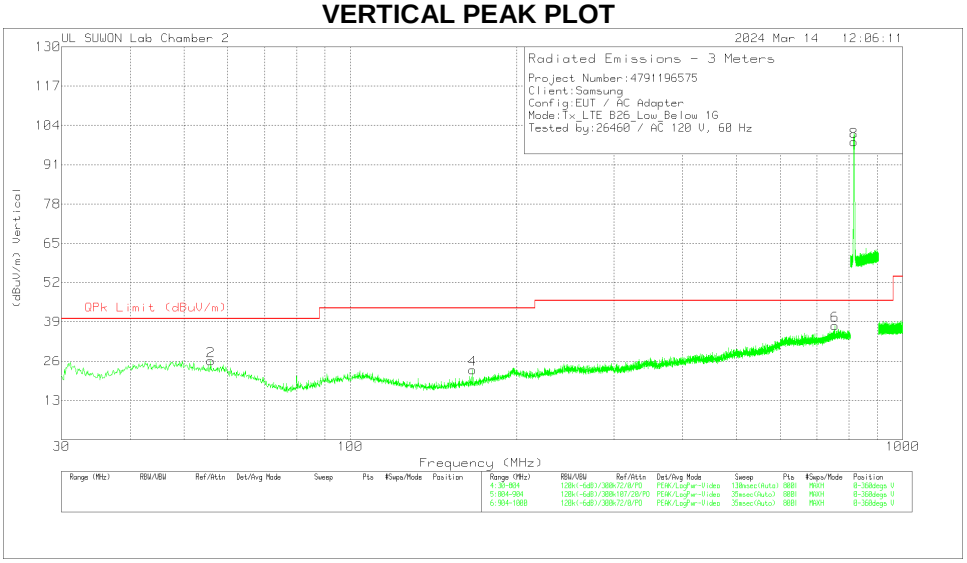
7.1.2. Below 1 GHz

LOW CHANNEL(861.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	44.5125	4.55	Pk	19.8	.8	25.15	40	-14.85	0-360	100	H
3	198.0548	5.38	Pk	18	1.7	25.08	43.52	-18.44	0-360	100	H
5	691.6733	8.26	Pk	25.3	3.4	36.96	46.02	-9.06	0-360	300	H
7	816.5	79.68	Pk	26.4	3.7	109.78	**46.02**	**63.76**	0-360	200	H
2	55.929	5.79	Pk	19.4	.9	26.09	40	-13.91	0-360	200	V
4	166.7078	7.07	Pk	14.5	1.6	23.17	43.52	-20.35	0-360	300	V
6	753.8835	7.79	Pk	26.5	3.5	37.79	46.02	-8.23	0-360	400	V
8	816.5	68.49	Pk	26.4	3.7	98.59	**46.02**	**52.57**	0-360	100	V

Pk - Peak detector

Note: Unwanted emissions captured from 814MHz to 849MHz and from 859MHz to 894MHz were the TX and RX signals generated from the call-simulator.

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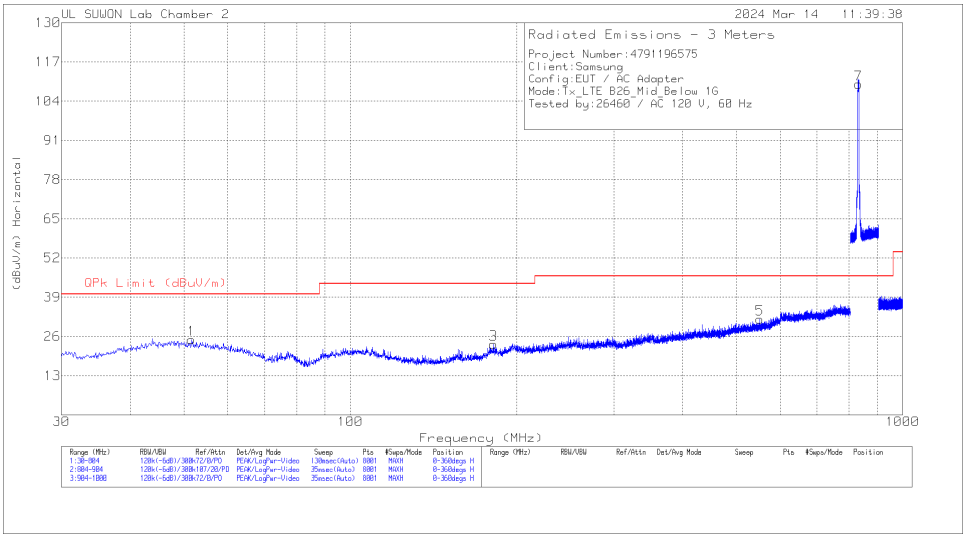
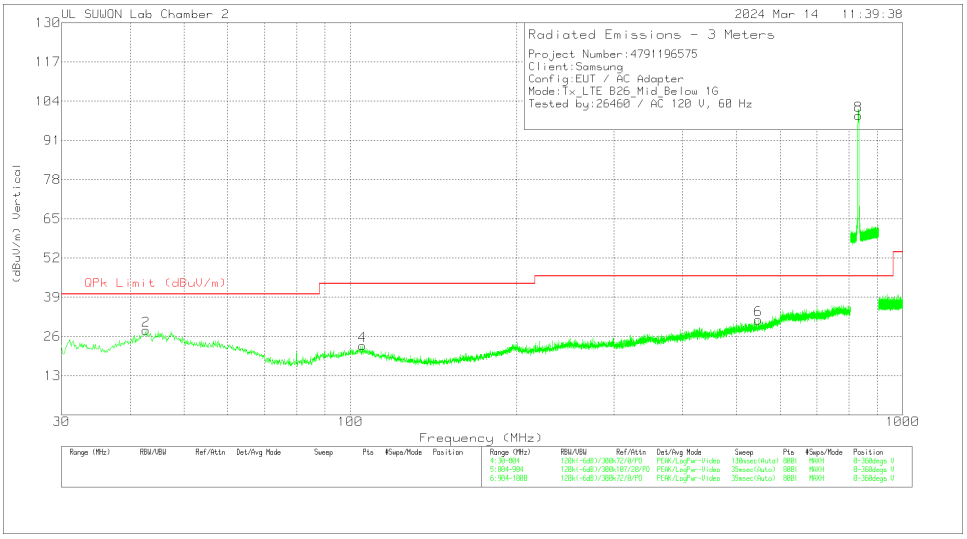
MID CHANNEL(876.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	51.5753	4.2	Pk	19.9	.9	25	40	-15	0-360	100	H
3	181.704	6.23	Pk	15.6	1.6	23.43	43.52	-20.09	0-360	100	H
5	551.4825	5.38	Pk	23.4	3	31.78	46.02	-14.24	0-360	100	H
7	831.5	79.35	Pk	26.6	3.7	109.65	**46.02**	**63.63**	0-360	100	H
2	42.6743	7.88	Pk	19.4	.8	28.08	40	-11.92	0-360	100	V
4	105.1748	4.14	Pk	17.6	1.2	22.94	43.52	-20.58	0-360	300	V
6	547.9028	5.12	Pk	23.4	3	31.52	46.02	-14.5	0-360	200	V
8	831.5	68.98	Pk	26.6	3.7	99.28	**46.02**	**53.26**	0-360	300	V

Pk - Peak detector
Note: Unwanted emissions captured from 814MHz to 849MHz and from 859MHz to 894MHz were the TX and RX signals generated from the call-simulator.

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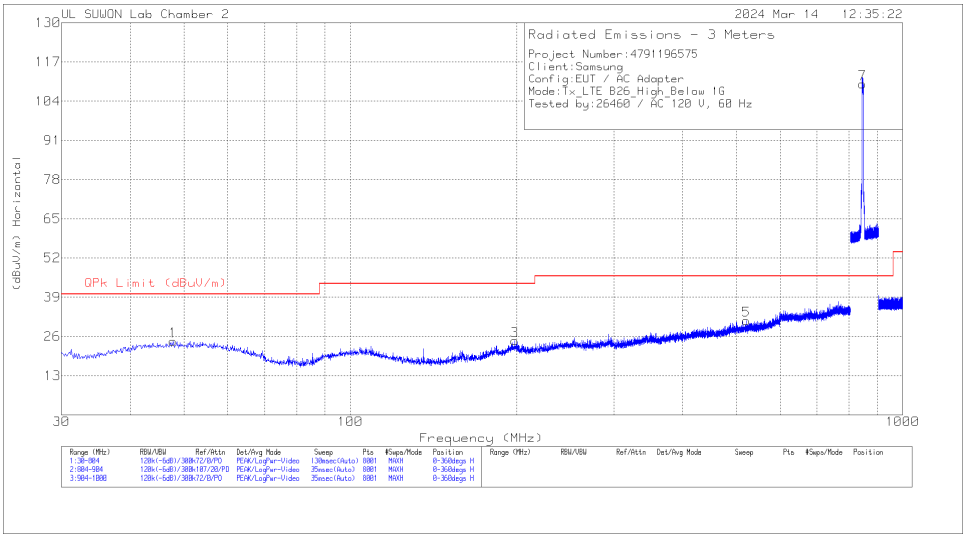
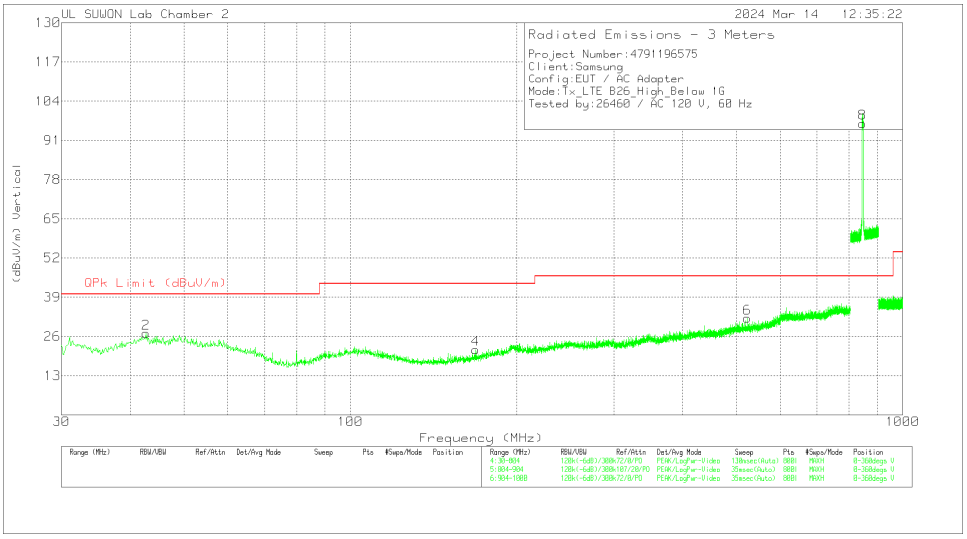
HIGH CHANNEL(891.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.802	3.57	Pk	20.1	.8	24.47	40	-15.53	0-360	100	H
3	198.4418	4.96	Pk	17.9	1.7	24.56	43.52	-18.96	0-360	100	H
5	521.1998	5.32	Pk	23.1	2.9	31.32	46.02	-14.7	0-360	100	H
7	846.5	79.24	Pk	26.8	3.7	109.74	**46.02**	**63.72**	0-360	200	H
2	42.6743	6.82	Pk	19.4	.8	27.02	40	-12.98	0-360	200	V
4	168.6428	5.47	Pk	14.6	1.6	21.67	43.52	-21.85	0-360	400	V
6	523.2315	6.05	Pk	23.1	2.9	32.05	46.02	-13.97	0-360	300	V
8	846.5	66.14	Pk	26.8	3.7	96.64	**46.02**	**50.62**	0-360	100	V

Pk - Peak detector
Note: Unwanted emissions captured from 814MHz to 849MHz and from 859MHz to 894MHz were the TX and RX signals generated from the call-simulator.

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7.2. AC MAINS LINE CONDUCTED EMISSIONS

TEST PROCEDURE

ANSI C63.4-2014

LIMIT

§15.107 (a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 µH/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency range (MHz)	Limits (dBµV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Notes: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

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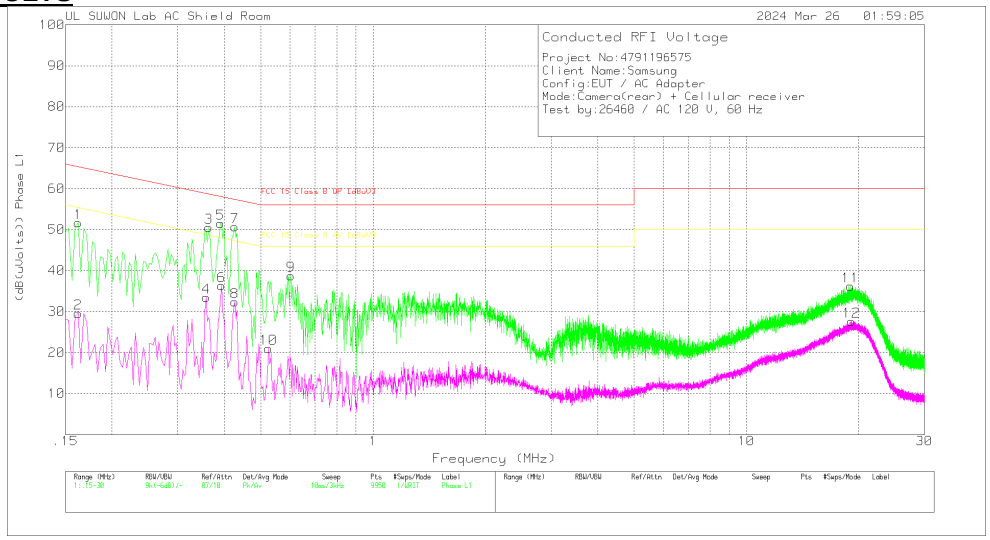
7.2.1 CONDUCTED EMISSIONS

6 WORST EMISSIONS(GSM850 + Rear camera on)

Line-L1 .15 – 30 MHz

LINE 1 RESULTS



Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With EX_L1 [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP (dB(uVolts))	Margin (dB)	CFR 47 FCC PART 15 Class B AV (dB(uVolts))	Margin (dB)
1	.162	41.67	Pk	9.9	.1	51.67	65.36	-13.69	-	-
2	.162	19.56	Av	9.9	.1	29.56	-	-	55.36	-25.8
3	.363	40.68	Pk	9.8	.1	50.58	58.66	-8.08	-	-
4	.357	23.54	Av	9.8	.1	33.44	-	-	48.8	-15.36
5	.39	41.7	Pk	9.8	.1	51.6	58.06	-6.46	-	-
6	.393	26.45	Av	9.8	.1	36.35	-	-	48	-11.65
7	.426	40.77	Pk	9.8	.1	50.67	57.33	-6.66	-	-
8	.426	22.47	Av	9.8	.1	32.37	-	-	47.33	-14.96
9	.603	28.88	Pk	9.8	.1	38.78	56	-17.22	-	-
10	.525	11	Av	9.9	.1	21	-	-	46	-25
11	19.023	25.84	Pk	10.1	.3	36.24	60	-23.76	-	-
12	19.14	17.28	Av	10.1	.3	27.68	-	-	50	-22.32

Pk - Peak detector
Av - Average detection

Range 1: Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With EX_L1 [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	CFR 47 FCC PART FCC 15 Class B QP [dBuV]	Margin (dB)	CFR 47 FCC PART FCC 15 Class B AV [dBuV]	Margin (dB)
.36375	40.4	Qp	9.8	.1	50.3	58.64	-8.34	-	-
.39075	39.67	Qp	9.8	.1	49.57	58.05	-8.48	-	-
.42675	39.98	Qp	9.8	.1	49.88	57.32	-7.44	-	-

Qp - Quasi-Peak detector

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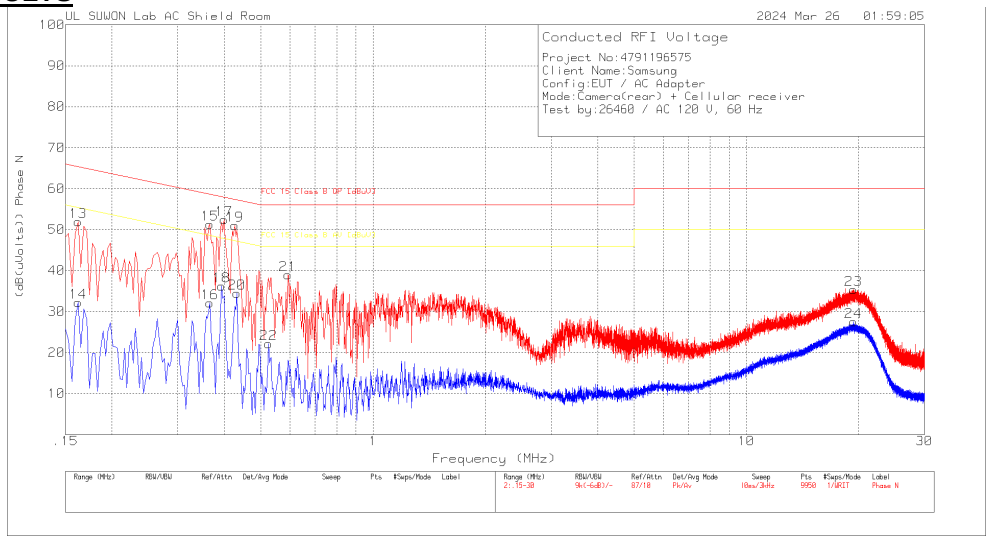
6 WORST EMISSIONS(GSM850 + Rear camera on)

Line-L2 .15 – 30 MHz

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With EX_N [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
13	.162	41.98	Pk	9.9	.1	51.98	65.36	-13.38	-	-
14	.162	22.2	Av	9.9	.1	32.2	-	-	55.36	-23.16
15	.366	41.45	Pk	9.8	.1	51.35	58.59	-7.24	-	-
16	.366	22.18	Av	9.8	.1	32.08	-	-	48.59	-16.51
17	.399	42.49	Pk	9.8	.1	52.39	57.87	-5.48	-	-
18	.393	26.34	Av	9.8	.1	36.24	-	-	48	-11.76
19	.426	41.16	Pk	9.8	.1	51.06	57.33	-6.27	-	-
20	.432	24.58	Av	9.8	.1	34.48	-	-	47.21	-12.73
21	.591	29.06	Pk	9.8	.1	38.96	56	-17.04	-	-
22	.525	12.1	Av	9.9	.1	22.1	-	-	46	-23.9
23	19.359	24.85	Pk	10.2	.3	35.35	60	-24.65	-	-
24	19.362	16.99	Av	10.2	.3	27.49	-	-	50	-22.51

Pk - Peak detector
Av - Average detection

Range 2: Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With EX_N [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
.36525	39.69	Qp	9.8	.1	49.59	58.61	-9.02	-	-
.39825	40.6	Qp	9.8	.1	50.5	57.89	-7.39	-	-
.42675	39.26	Qp	9.8	.1	49.16	57.32	-8.16	-	-

Qp - Quasi-Peak detector

END OF TEST REPORT

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