

CERTIFICATION TEST REPORT

Report Number. : S-4791615583-E1V3

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

Model : SM-S937U, SM-S937U1

FCC ID : A3LSMS937U

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

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

Date Of Issue:
2025-03-10

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Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2025-02-24	Initial issue	Yeonhee Lim
V2	2025-02-26	Updated to address TCB's question	Yeonhee Lim
V3	2025-03-10	Updated to address TCB's question	Yeonhee Lim

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: SAMSUNG ELECTRONICS CO., LTD.

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

MODEL NUMBER: SM-S937U, SM-S937U1

SERIAL NUMBER: R3CXC0G5CZP, R3CXC0G5B4F, R3CXC0G5R3R (RADIATED)

DATE TESTED: 2024-01-20 – 2024-02-24;

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.

2. TEST METHODOLOGY

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

1. FCC 47 CFR Part 2.
2. FCC 47 CFR 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>.

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:

$$\begin{aligned} \text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \\ &\text{Cable Loss (dB)} - \text{Preamp Gain (dB)} \\ 28.9 \text{ dBuV/m} &= 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} \end{aligned}$$

$$\begin{aligned} \text{AC Corrected Reading (dBuV)} &= \text{Meter Voltage (dBuV)} + \text{External Cord Loss} \\ &\text{(dB)} + \text{Cableloss (dB)} \\ 44.72 \text{ dBuV} &= 34.72 \text{ dBuV} + 9.9 \text{ dB} + 0.1 \text{ dB} \end{aligned}$$

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	1.84 dB
Radiated Disturbance, 30 MHz to 1 GHz	3.69 dB
Radiated Disturbance, 1 GHz to 18 GHz	5.18 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.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

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

Representative model	Difference	Derivative model
		SM-S937U1
SM-S937U	Hardware	Same
	Software	The UI has changed according to Service Provider

The model SM-S937U was used for final testing and is representative of the test results in this report.

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 B29, LTE B71,
NR n5, NR n12, NR n26, NR n29, NR n71.

Only the worst case emissions are reported. Worst Case is WCDMA B5.

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.

- Worst Axis Condition

Band	Worst Case		
	X	Y	Z
WCDMA B5	-	-	O

5.3. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacture	Model	Serial Number	FCC ID
Charger	SAMSUNG	EP-T2510	RF7X1YF85Z1DKA	N/A
Data Cable	SAMSUNG	EP-DN980	N/A	N/A

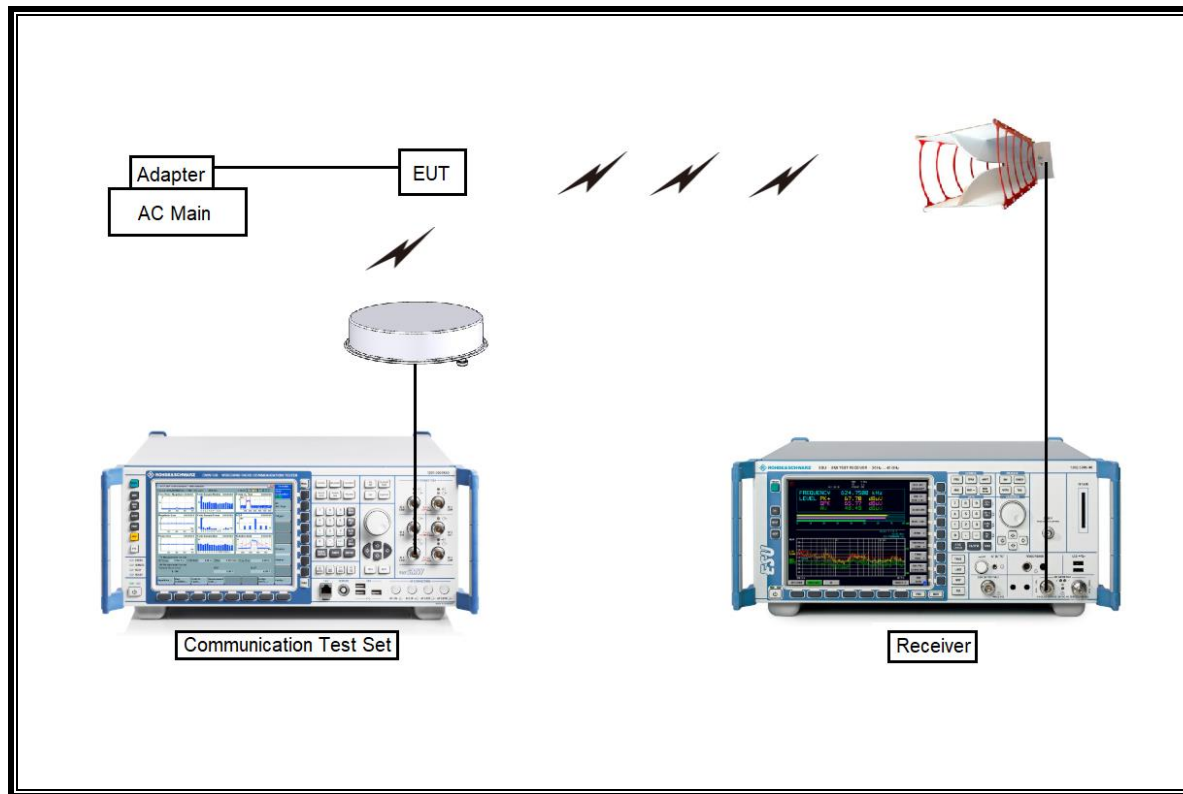
I/O CABLE

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)



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 DB-4	00164753	2027-01-08
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB 9163	750	2026-07-30
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB 9163	845	2026-07-30
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB 9163	749	2026-08-12
Antenna, Horn, 18 GHz	ETS	3115	00167211	2026-07-17
Antenna, Horn, 18 GHz	ETS	3115	00161451	2026-07-17
Antenna, Horn, 18 GHz	ETS	3117	00168724	2026-07-17
Antenna, Horn, 18 GHz	ETS	3117	00168717	2026-07-17
Communications Test Set	R&S	CMW500	169797	2025-07-23
Preamplifier, 1000 MHz	Sonoma	310N	341282	2025-07-22
Preamplifier, 1000 MHz	Sonoma	310N	370599	2025-07-22
Preamplifier, 1000 MHz	Sonoma	310N	351741	2025-07-22
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	2029169	2025-07-23
Preamplifier, 18 GHz	B&Z Technologies, LLC	BZR-01001800-231040-182020	1977-11-22	2025-07-22
Preamplifier, 18 GHz	B&Z Technologies, LLC	BZR-01001800-231040-181515	1964-07-18	2025-07-25
EMI Test Receive, 40 GHz	R&S	ESU40	100439	2025-07-23
EMI Test Receive, 40 GHz	R&S	ESU40	100457	2025-07-22
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	2025-07-23
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G006	2025-07-23
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	010	2025-07-23
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	011	2025-07-23
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G001	2025-07-23
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G002	2025-07-23
Attenuator	PASTERNAK	PE7087-10	A009	2025-07-23
Attenuator	PASTERNAK	PE7087-10	A001	2025-07-23
Attenuator	PASTERNAK	PE7087-10	A008	2025-07-23
Attenuator	PASTERNAK	PE7004-10	1	2025-07-23
Attenuator	PASTERNAK	PE7395-10	A011	2025-07-25
EMI Test Receive, 3 GHz	R&S	ESR 3	101832	2025-07-22
LISN	R&S	ENV216	101836	2025-07-22
LISN	R&S	ENV216	101837	2025-07-22
UL Software				
Description	Manufacturer	Model	Version	
Radiated software	UL	UL EMC	Ver 9.5	
AC Line Conducted software	UL	UL EMC	Ver 9.5	

7. APPLICABLE LIMITS AND TEST RESULTS

7.1. RADIATED EMISSIONS

TEST PROCEDURE

ANSI C63.4-2014

LIMIT

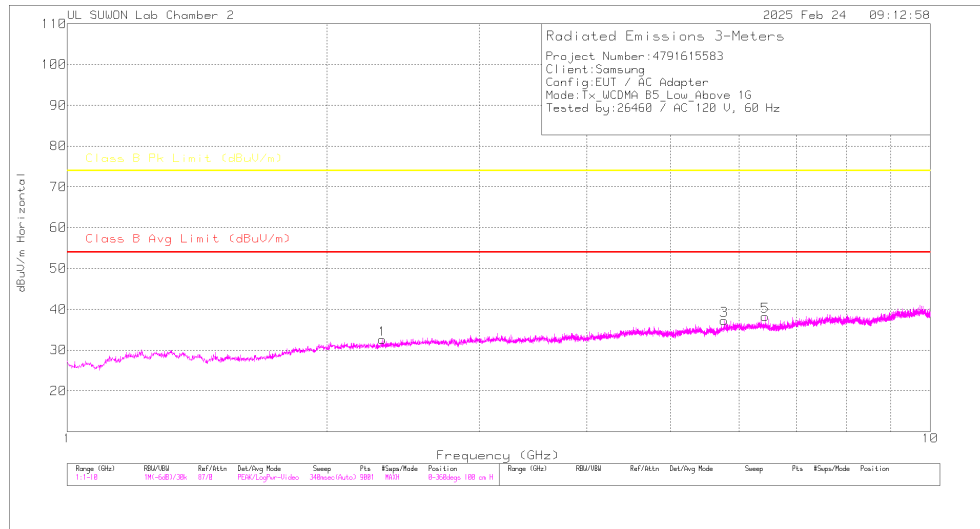
§15.109 (a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Limits for radiated disturbance of Class B ITE at measuring distance of 3 m	
Frequency range (MHz)	Quasi-peak limits (dB μ V/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.	

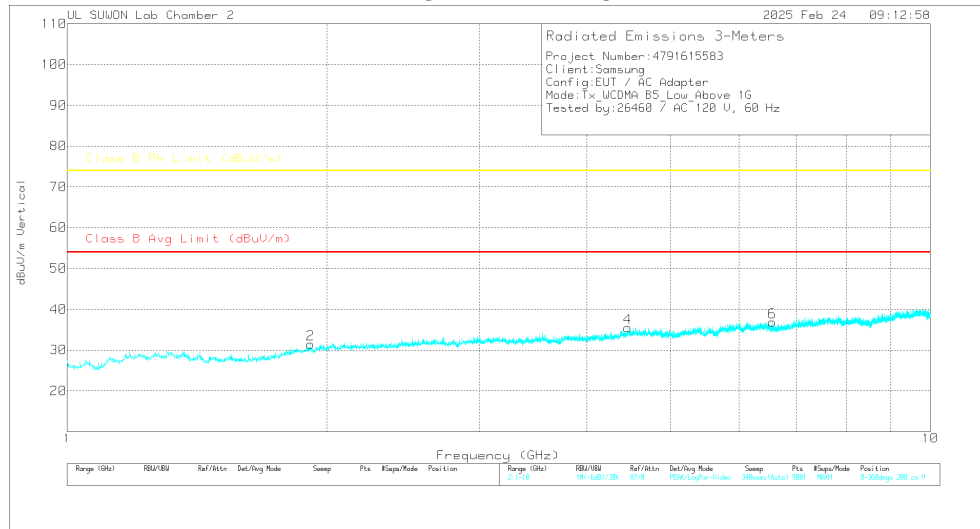
7.1.1. Above 1 GHz

LOW CHANNEL(871.4 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Radiated Emissions

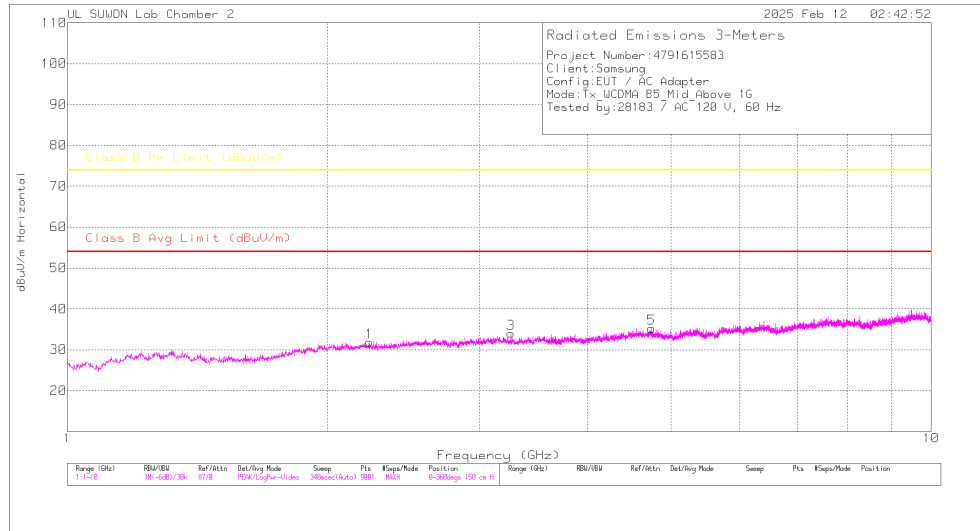
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_724_Factor (dBm)	1-18GHz_Path Loss(dB)	1G_HPF_Path Loss(dB)	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.317	35.15	PK	31.6	-34.8	.6	32.55	-	-	74	-41.45	0-360	100	H
3	5.77	32.99	PK	34.6	-30.7	.4	37.29	-	-	74	-36.71	0-360	100	H
5	6.435	32.44	PK	35.4	-30.1	.5	38.24	-	-	74	-35.76	0-360	100	H
2	1.915	35.41	PK	30.8	-35.4	.7	31.51	-	-	74	-42.49	0-360	200	V
4	4.462	33.7	PK	33.7	-32.3	.4	35.5	-	-	74	-38.5	0-360	200	V
6	6.566	31.02	PK	35.4	-29.9	.4	36.92	-	-	74	-37.08	0-360	200	V

PK - Peak detector

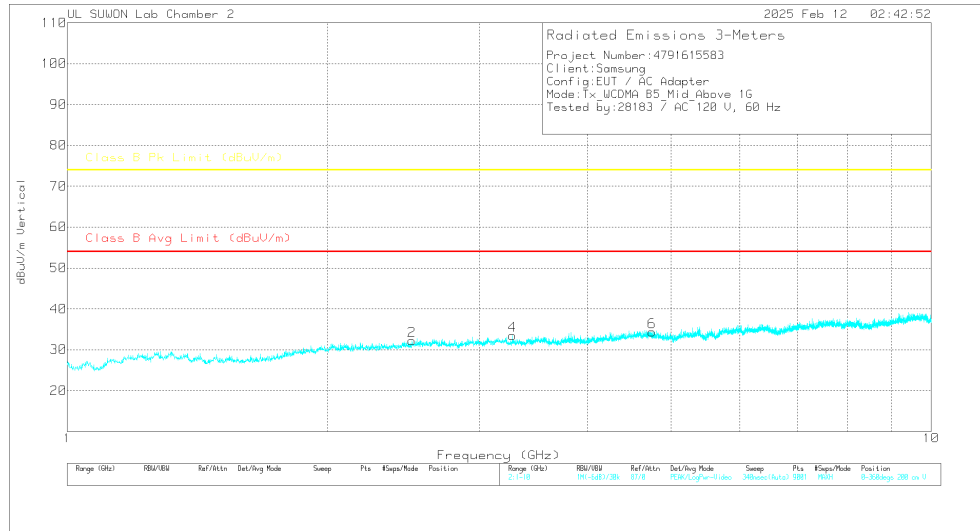
Ca - CISPR average detection

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Radiated Emissions

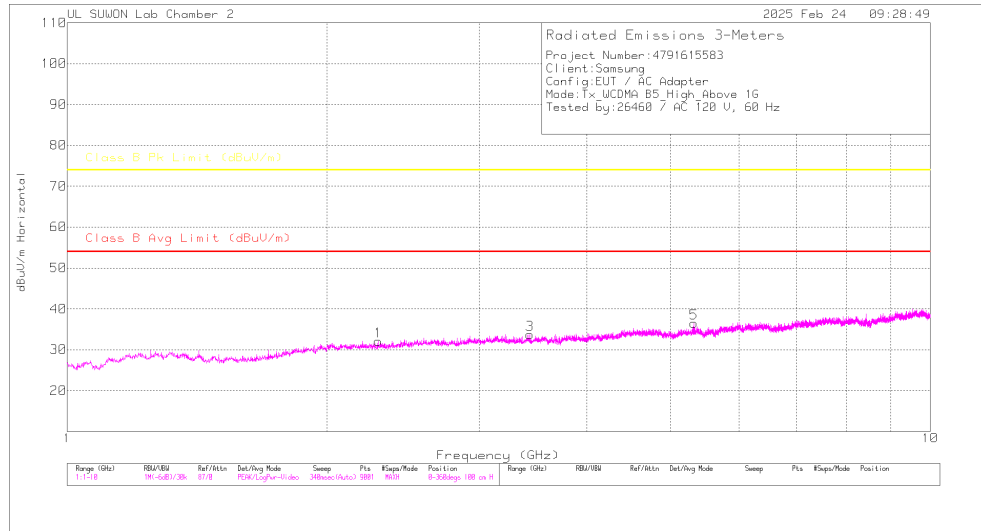
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna_724_Factor (dBm)	1-18GHz_Path Loss(dB)	1G_HPF_Path Loss(dB)	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.236	34.63	PK	31.5	-34.9	.6	31.81	-	-	74	-42.19	0-360	100	H
3	3.262	34.34	PK	32.7	-33.7	.7	34.04	-	-	74	-39.96	0-360	150	H
5	4.743	32.74	PK	34	-31.9	.4	35.24	-	-	74	-38.76	0-360	150	H
2	2.507	34.27	PK	32	-34.6	.6	32.27	-	-	74	-41.73	0-360	200	V
4	3.276	33.88	PK	32.6	-33.7	.7	33.48	-	-	74	-40.52	0-360	200	V
6	4.752	31.86	PK	34	-31.9	.4	34.36	-	-	74	-39.64	0-360	200	V

Pk - Peak detector

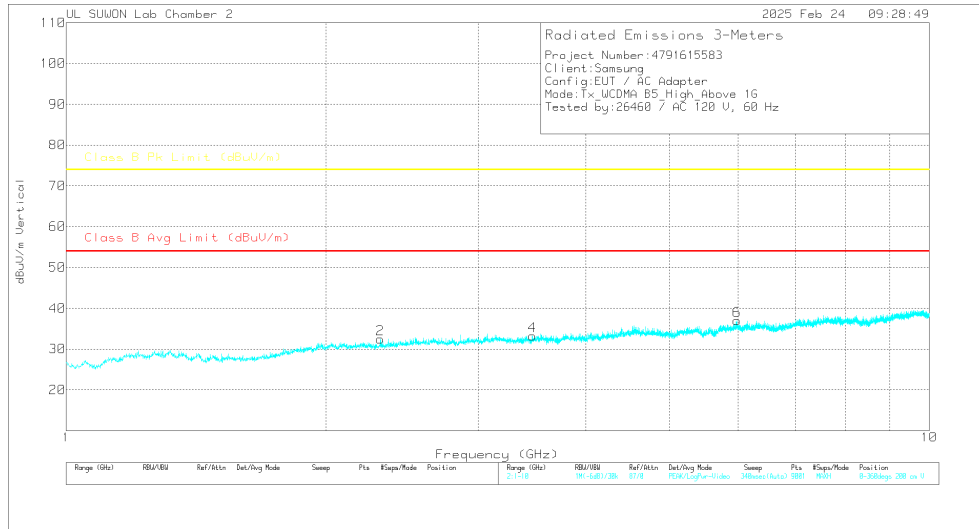
Ca - CISPR average detection

HIGH CHANNEL(891.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Radiated Emissions

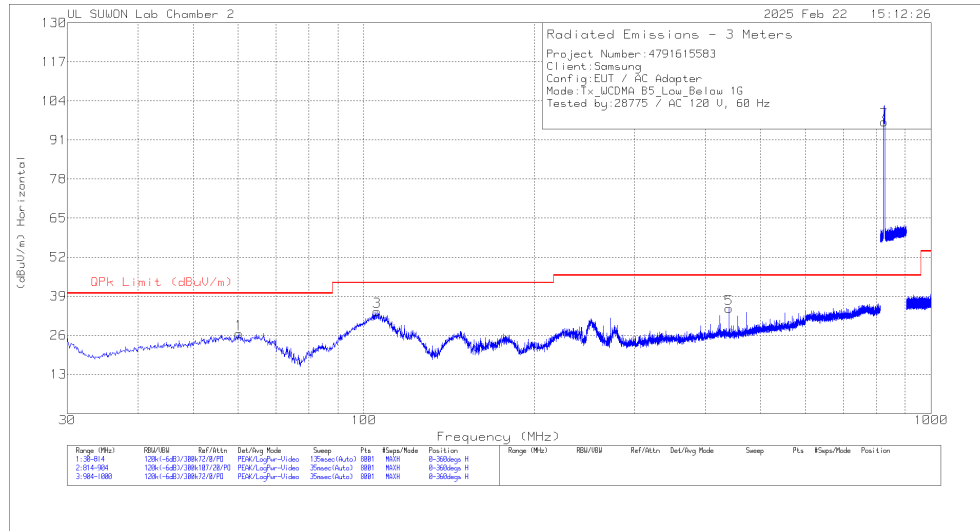
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	Antenna 724 Factor	1-18GHz Path Loss(dB)	1G HPF Path Loss(dB)	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.292	34.82	PK	31.6	-34.9	.6	32.12	-	-	74	-41.88	0-360	100	H
3	3.436	33.76	PK	32.7	-33.3	.6	33.76	-	-	74	-40.24	0-360	100	H
5	5.326	33.25	PK	34.5	-31.7	.4	36.45	-	-	74	-37.55	0-360	100	H
2	2.313	35.1	PK	31.6	-34.8	.6	32.5	-	-	74	-41.5	0-360	200	V
4	3.469	33.14	PK	32.7	-33.2	.6	33.24	-	-	74	-40.76	0-360	200	V
6	5.991	32.38	PK	35	-30.8	.4	36.98	-	-	74	-37.02	0-360	200	V

PK - Peak detector
Ca - CISPR average detection

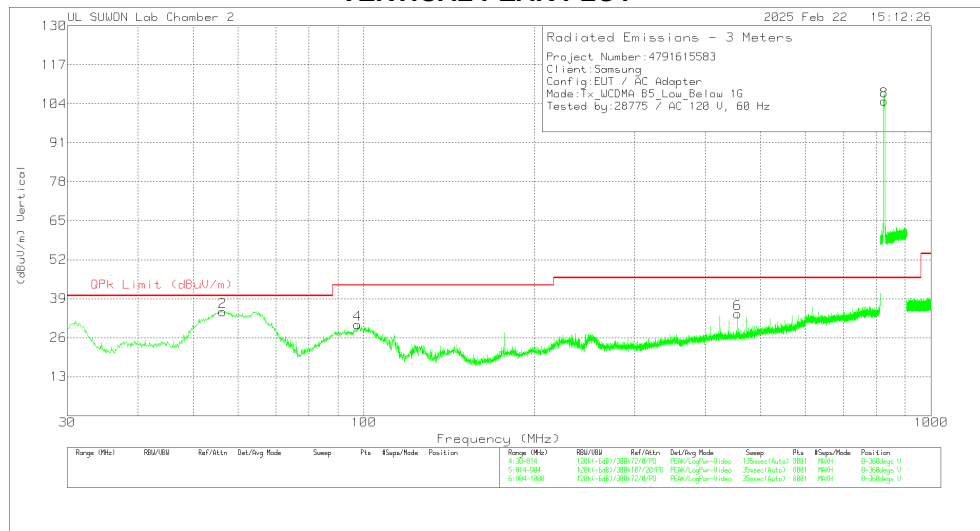
7.1.2. Below 1 GHz

LOW CHANNEL(871.4 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna_749 Factor(dB/m)	Below_1G_Bypass_Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	60.184	7.19	Pk	18.5	.9	26.59	40	-13.41	0-360	300	H
3	105.558	15.19	Pk	17.6	1.2	33.99	43.52	-9.53	0-360	200	H
5	440.326	10.52	Pk	21.9	2.5	34.92	46.02	-11.1	0-360	100	H
7	826.3975	66.63	Pk	26.9	3.5	97.03	46.02	51.01	0-360	200	H
2	56.362	14.63	Pk	19.2	.9	34.73	40	-5.27	0-360	200	V
4	97.522	12.13	Pk	17	1.2	30.33	43.52	-13.19	0-360	200	V
6	456.104	9.44	Pk	22	2.5	33.94	46.02	-12.08	0-360	200	V
8	826.3975	74.46	Pk	26.9	3.5	104.86	46.02	58.84	0-360	100	V

Pk - Peak detector

Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

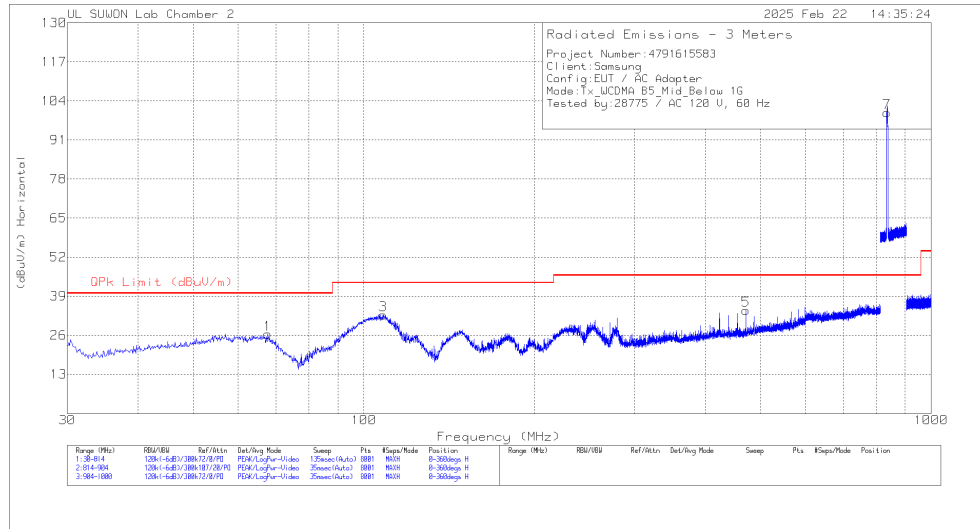
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna_749_ Factor(dB/m)	Below_1G_Byp ass_Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
56.362	11.32	Qp	19.2	.9	31.42	40	-8.58	251	100	V

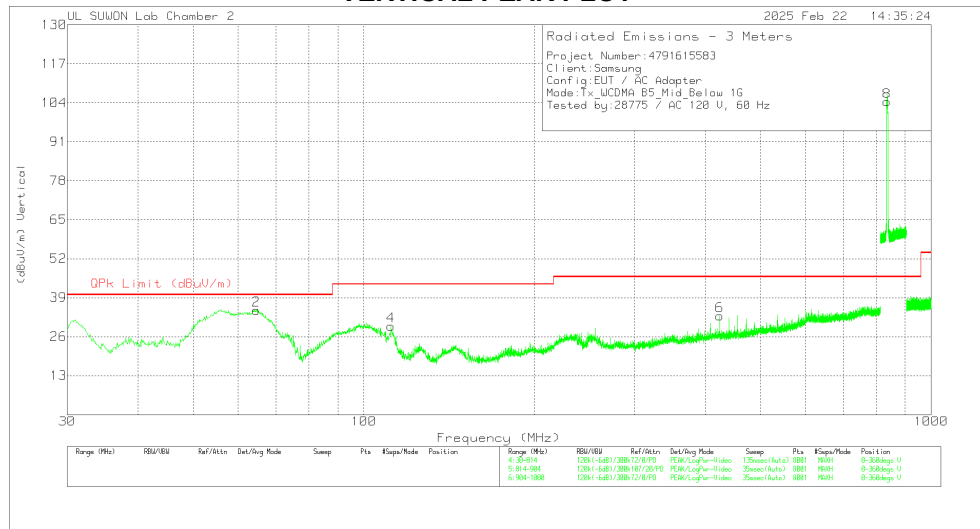
Qp - Quasi-Peak detector

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna_749_Factor(dB/m)	Below_1G_Bypass_Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	67.632	9.08	Pk	16.3	1	26.38	40	-13.62	0-360	100	H
3	108.204	14.21	Pk	17.4	1.2	32.81	43.52	-10.71	0-360	100	H
5	471.294	9.68	Pk	22.1	2.6	34.38	46.02	-11.64	0-360	100	H
7	836.5675	69.64	Pk	26.9	3.5	100.04	46.02	54.02	0-360	300	H
2	64.594	16.69	Pk	17.3	.9	34.89	40	-5.11	0-360	300	V
4	111.634	11.84	Pk	16.5	1.2	29.54	43.52	-13.98	0-360	200	V
6	424.058	8.86	Pk	21.7	2.4	32.96	46.02	-13.06	0-360	200	V
8	836.5563	73.9	Pk	26.9	3.5	104.3	46.02	58.28	0-360	100	V

Pk - Peak detector

Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

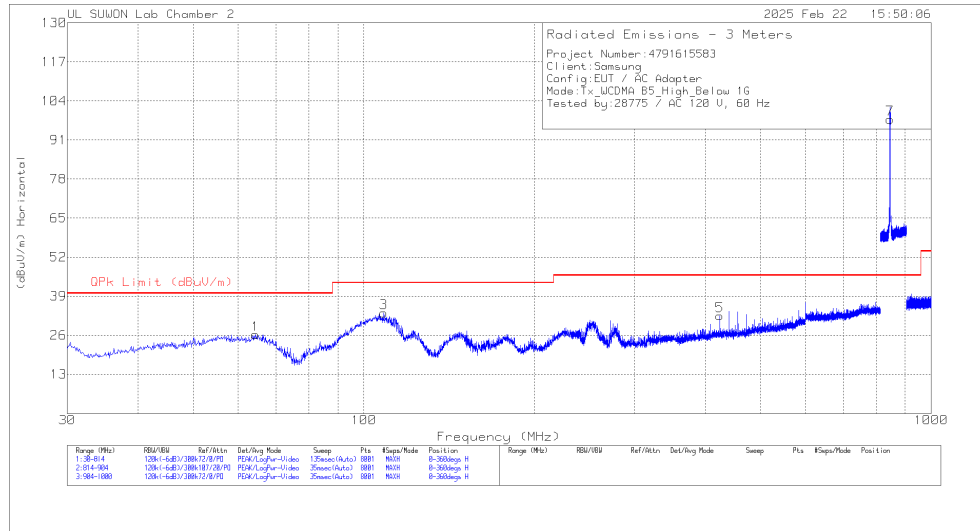
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna_749_Factor(dB/m)	Below_1G_Bypass_Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
64.594	12.96	Qp	17.3	.9	31.16	40	-8.84	265	142	V

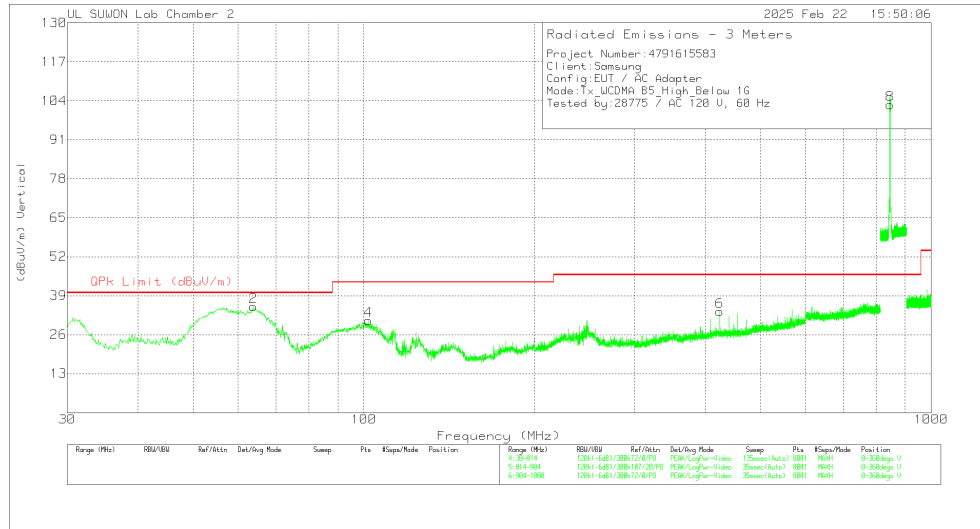
Qp - Quasi-Peak detector

HIGH CHANNEL(891.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna_749_Factor(dB/m)	Below_1G_Bypass_Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	64.398	7.92	Pk	17.4	.9	26.22	40	-13.78	0-360	100	H
3	108.4	14.93	Pk	17.4	1.2	33.53	43.52	-9.99	0-360	200	H
5	424.254	8.42	Pk	21.7	2.4	32.52	46.02	-13.5	0-360	100	H
7	846.6025	67.27	Pk	27.1	3.5	97.87	46.02	51.85	0-360	200	H
2	63.81	17.01	Pk	17.5	.9	35.41	40	-4.59	0-360	200	V
4	101.736	11.93	Pk	17.6	1.2	30.73	43.52	-12.79	0-360	200	V
6	424.156	9.64	Pk	21.7	2.4	33.74	46.02	-12.28	0-360	200	V
8	846.6025	72.01	Pk	27.1	3.5	102.61	46.02	56.59	0-360	100	V

Pk - Peak detector

Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	Antenna_749_Factor(dB/m)	Below_1G_Bypass_Path Loss(dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
63.81	12.72	Qp	17.5	.9	31.12	40	-8.88	285	156	V

Qp - Quasi-Peak detector

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 μ H/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.

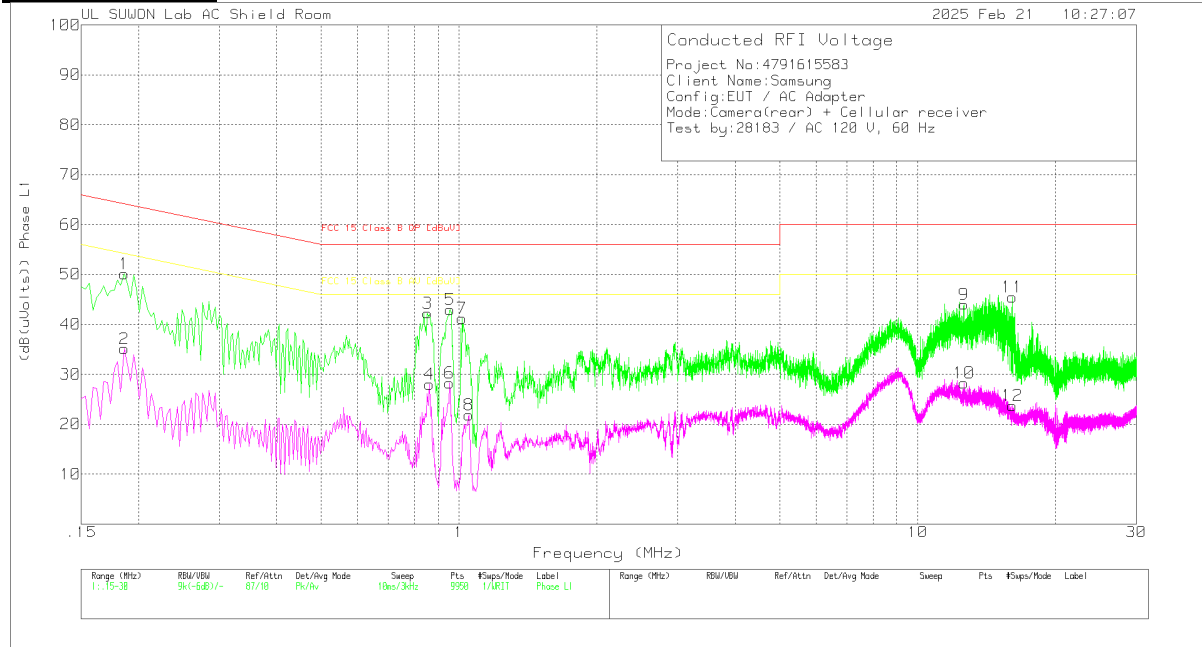
Frequency range (MHz)	Limits (dB μ V)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50
Notes: 1. The lower limit shall apply at the transition frequencies 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

7.2.1 CONDUCTED EMISSIONS

WORST EMISSIONS(WCDMA B5+ 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_Wit h EX_L1 [dB]	Cable Loss [dB]	Corrected Reading (dB(uVolts))	FCC 15 Class B QP [dBuV]	Margin (dB)	FCC 15 Class B AV [dBuV]	Margin (dB)
1	.186	40.13	Pk	9.9	.1	50.13	64.21	-14.08	-	-
2	.186	25.11	Av	9.9	.1	35.11	-	-	54.21	-19.1
3	.855	32.36	Pk	9.8	.1	42.26	56	-13.74	-	-
4	.861	18.14	Av	9.8	.1	28.04	-	-	46	-17.96
5	.957	33.09	Pk	9.8	.1	42.99	56	-13.01	-	-
6	.954	18.38	Av	9.8	.1	28.28	-	-	46	-17.72
7	1.014	31.41	Pk	9.7	.1	41.21	56	-14.79	-	-
8	1.05	12.09	Av	9.7	.1	21.89	-	-	46	-24.11
9	12.639	33.92	Pk	9.9	.2	44.02	60	-15.98	-	-
10	12.633	18.18	Av	9.9	.2	28.28	-	-	50	-21.72
11	16.074	35.04	Pk	10.1	.3	45.44	60	-14.56	-	-
12	16.092	13.31	Av	10.1	.3	23.71	-	-	50	-26.29

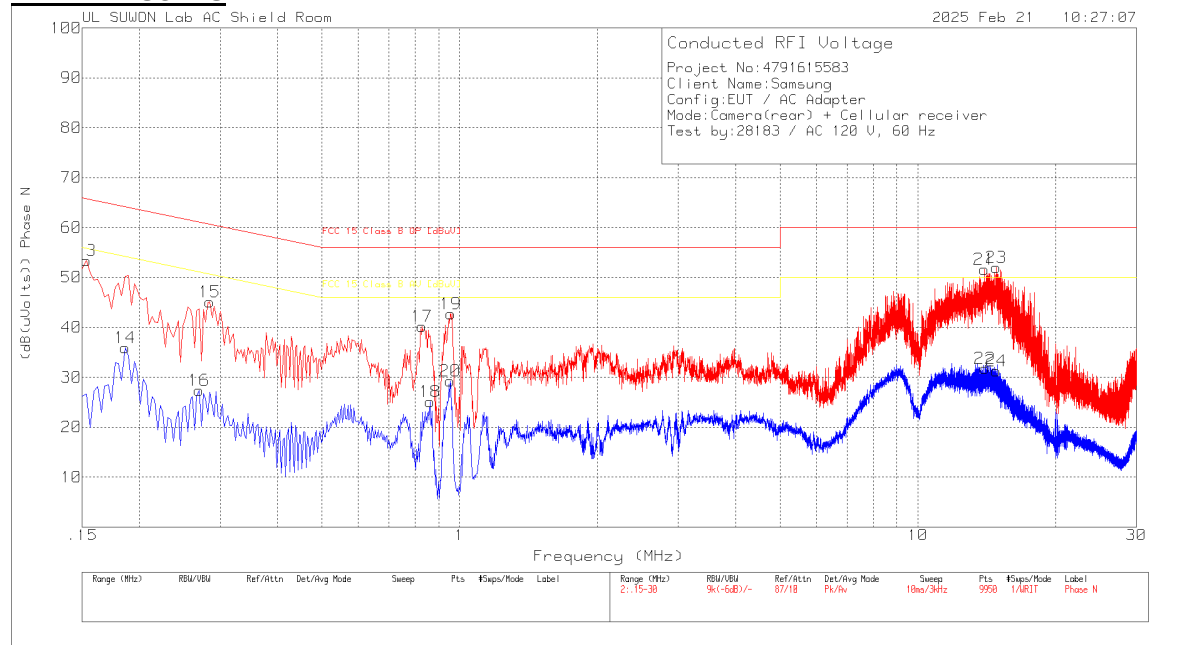
Pk - Peak detector

Av - Average detection

WORST EMISSIONS(WCDMA B5+ 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	.153	43.51	Pk	9.8	.1	53.41	65.84	-12.43	-	-
14	.186	25.97	Av	9.9	.1	35.97	-	-	54.21	-18.24
15	.285	35.25	Pk	9.7	.1	45.05	60.67	-15.62	-	-
16	.27	17.65	Av	9.6	.1	27.35	-	-	51.12	-23.77
17	.828	30.32	Pk	9.8	.1	40.22	56	-15.78	-	-
18	.861	15.18	Av	9.8	.1	25.08	-	-	46	-20.92
19	.957	32.86	Pk	9.8	.1	42.76	56	-13.24	-	-
20	.954	19.35	Av	9.8	.1	29.25	-	-	46	-16.75
21	13.971	41.33	Pk	10	.3	51.63	60	-8.37	-	-
22	13.989	21.46	Av	10	.3	31.76	-	-	50	-18.24
23	14.844	41.65	Pk	10.1	.3	52.05	60	-7.95	-	-
24	14.817	20.92	Av	10.1	.3	31.32	-	-	50	-18.68

Pk - Peak detector

Av - Average detection

END OF TEST REPORT