



CERTIFICATION TEST REPORT

Report Number. : 4789841431-E1V2

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

Model : SM-G780G/DSM, SM-G780G/DS, SM-G780G

FCC ID : A3LSMG780G

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

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

Date Of Issue:

March 18, 2021

Prepared by:

UL Korea, Ltd.

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



ACCREDITED

Testing Laboratory

TL-637

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	03/12/21	Initial issue	Hyunsik Yun
V2	03/18/21	Updated to address TCB's question	Hyunsik Yun

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: SAMSUNG ELECTRONICS CO., LTD.

EUT DESCRIPTION: GSM/WCDMA/LTE Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax, WPT and NFC

MODEL NUMBER: SM-G780G/DSM, SM-G780G/DS, SM-G780G

SERIAL NUMBER: 4b5859b4a4207ece, 4b5859b54c207ece (RADIATED);

DATE TESTED: MAR 02, 2021 – MAR 12, 2021;

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 15B	Pass

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:



Junwhan Lee
Suwon Lab Engineer
UL Korea, Ltd.

Tested By:



Hyunsik Yun
Suwon Lab Engineer
UL Korea, Ltd.

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
☒	Chamber 2
☐	Chamber 3

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:

$$\text{EIRP} = \text{PSA reading with EUT worst orientation (dBm)} + \text{Path loss (dB)} - \text{cable loss (between the SG and substitution antenna)} + \text{Substitution Antenna Factor (dBi)}$$

$$\text{ERP} = \text{PSA reading with EUT worst orientation (dBm)} + \text{Path loss (dB)} - \text{cable loss (between the SG and substitution antenna)}$$

(Path loss = Signal generator output – PSA reading with substitution antenna)

4.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	UNCERTAINTY
Radiated Disturbance, 30 MHz to 1 GHz	4.26 dB
Radiated Disturbance, 1 GHz to 18 GHz	5.90 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 Procedure 1, Clause 4.4.2 in IEC Guide 115:2007.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

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

This report covers the Samsung models SM-G780G/DSM, SM-G780G/DS and SM-G780G. These models are identical in hardware except SM-G780G/DSM is supported MST and SM-G780G/DS has dual SIM tray and SM-G780G has single SIM tray. All serise model was same hardware thus, SM-G780G/DS(Dual SIM tray) was set for final test.

5.2. TEST MODE

Mode	Description
GSM850	Communicating with Call simulator(CMW500)
WCDMA BAND 5	Communicating with Call simulator(CMW500)
LTE BAND 5	Communicating with Call simulator(CMW500)
LTE BAND 12	Communicating with Call simulator(CMW500)
LTE BAND 13	Communicating with Call simulator(CMW500)
LTE BAND 26	Communicating with Call simulator(CMW500)

5.3. WORST-CASE ORIENTATION AND MODE

For LTE B12 / LTE B13, EUT was investigated in three orthogonal orientations X, Y and Z it was determined that X orientation was worst-case orientation.

For GSM 850 / WCDMA B5 / LTE B5 / LTE B26, EUT was investigated in three orthogonal orientations X, Y and Z it was determined that Z orientation was worst-case orientation.

WCDMA Band5

WCDMA Band 5(Rx Frequency range: 871.4-891.6 MHz) is covered by GSM 850(Rx Frequency range: 869-894 MHz) due to same frequency range and maximum tune-up limit is higher than WCDMA Band5. Therefore, only Mid channel was checked.

LTE Band 17

LTE Band 17(Rx Frequency range: 734-746 MHz) is covered by LTE Band 12(Rx Frequency range: 729-746 MHz) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth.

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

5.4. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Charger	SAMSUNG	EP-TA200	R37M15D6V31SE3	N/A
Data Cable	SAMSUNG	N/A	N/A	N/A

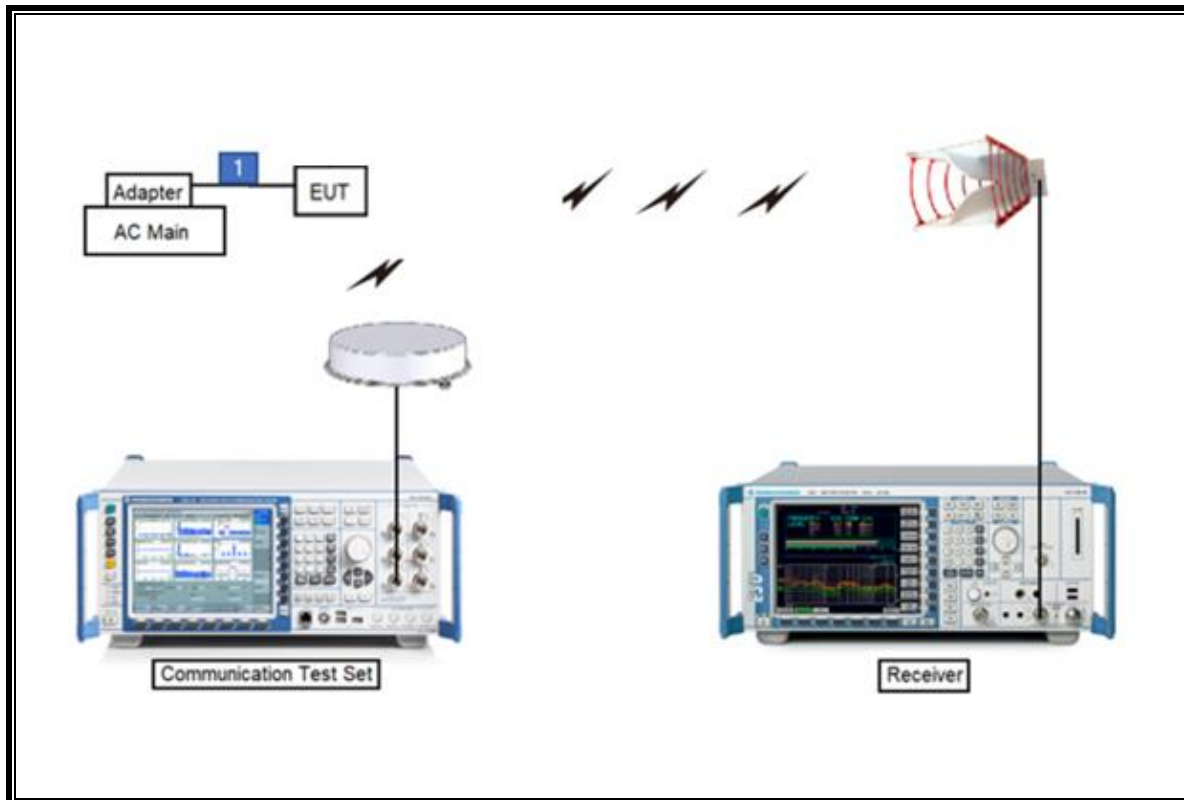
I/O CABLE

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.

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, Horn, 40 GHz	ETS	3116C	00166155	08-04-22
Preamplifier	ETS	3116C-PA	00168841	08-06-21
Antenna, Horn, 40 GHz	ETS	3116C	00168645	08-04-22
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	750	08-19-22
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	845	08-13-22
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	749	08-13-22
Antenna, Horn, 18 GHz	ETS	3115	00167211	07-27-22
Antenna, Horn, 18 GHz	ETS	3115	00161451	08-15-22
Antenna, Horn, 18 GHz	ETS	3117	00168724	07-27-22
Antenna, Horn, 18 GHz	ETS	3117	00168717	08-15-22
Communications Test Set	R&S	CMW500	115331	08-03-21
Preamplifier, 1000 MHz	Sonoma	310N	341282	08-03-21
Preamplifier, 1000 MHz	Sonoma	310N	370599	08-06-21
Preamplifier, 1000 MHz	Sonoma	310N	351741	08-03-21
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1876511	08-03-21
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	2029169	08-04-21
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1896138	08-03-21
EMI Test Receive, 40 GHz	R&S	ESU40	100439	08-03-21
EMI Test Receive, 40 GHz	R&S	ESU40	100457	08-03-21
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	08-05-21
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G006	08-05-21
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	010	08-05-21
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	011	08-05-21
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G001	08-05-21
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G002	08-05-21
Attenuator	PASTERNAK	PE7087-10	A009	08-05-21
Attenuator	PASTERNAK	PE7087-10	A001	08-03-21
Attenuator	PASTERNAK	PE7087-10	A008	08-03-21
Attenuator	PASTERNAK	PE7004-10	2	08-04-21
Attenuator	PASTERNAK	PE7395-10	A011	08-05-21
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

TEST PROCEDURE

ANSI C63.4: 2014

LIMIT

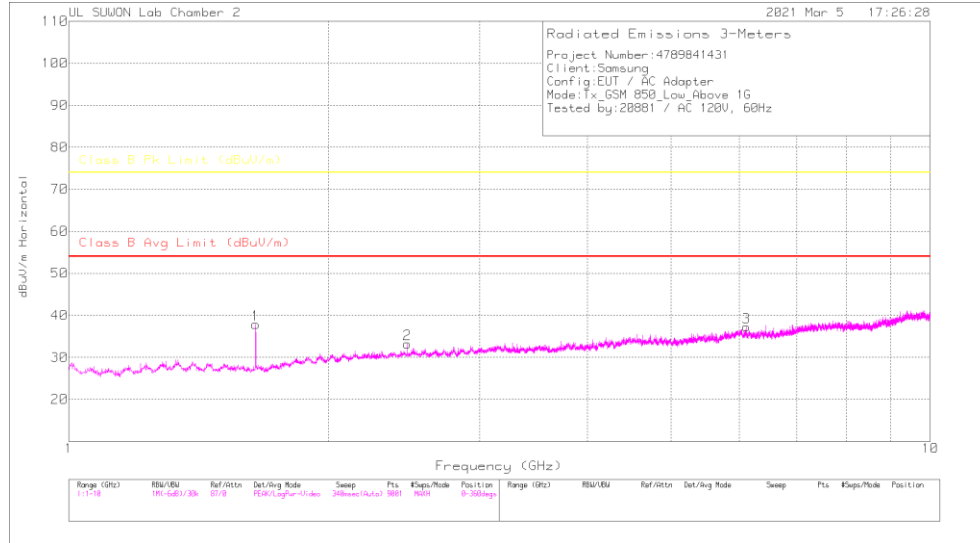
§15.109 (a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

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.	

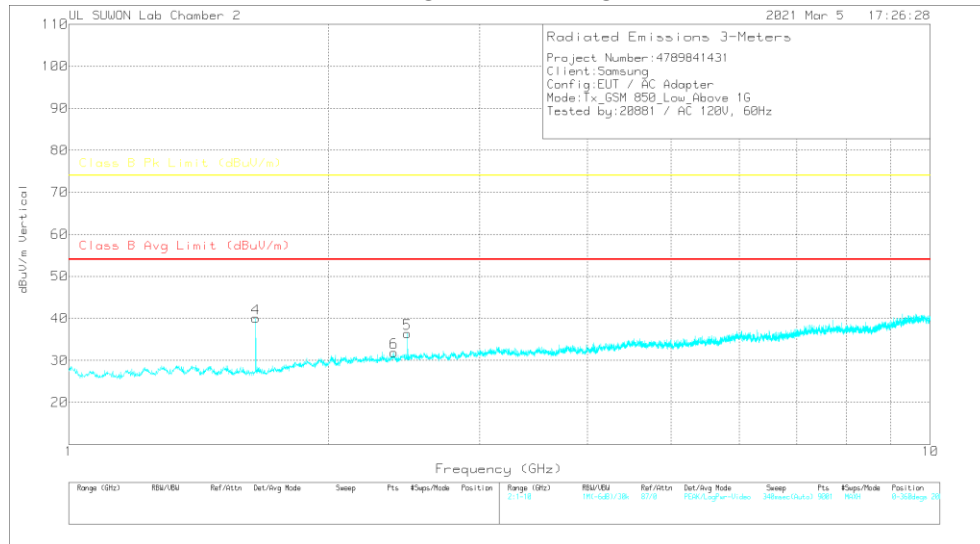
7.1. Above 1 GHz in the GSM850

LOW CHANNEL(869.2 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

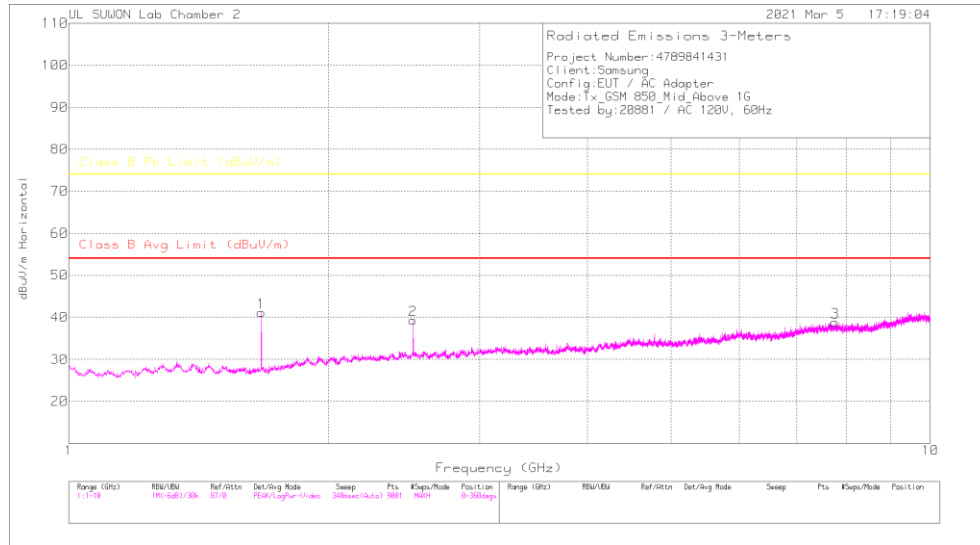
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HP(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	1.648	39.96	PK	28.6	-31.4	.7	37.86	-	-	74	-36.14	0-360	200	H
2	2.472	30.51	PK	32	-30	.7	33.21	-	-	74	-40.79	0-360	200	H
3	6.119	28.22	PK	35.3	-26.8	.5	37.22	-	-	74	-36.78	0-360	200	H
4	1.648	42.15	PK	28.6	-31.4	.7	40.05	-	-	74	-33.95	0-360	200	V
5	2.472	33.7	PK	32	-30	.7	36.4	-	-	74	-37.6	0-360	100	V
6	2.384	29.79	PK	31.9	-30.5	.7	31.89	-	-	74	-42.11	0-360	100	V

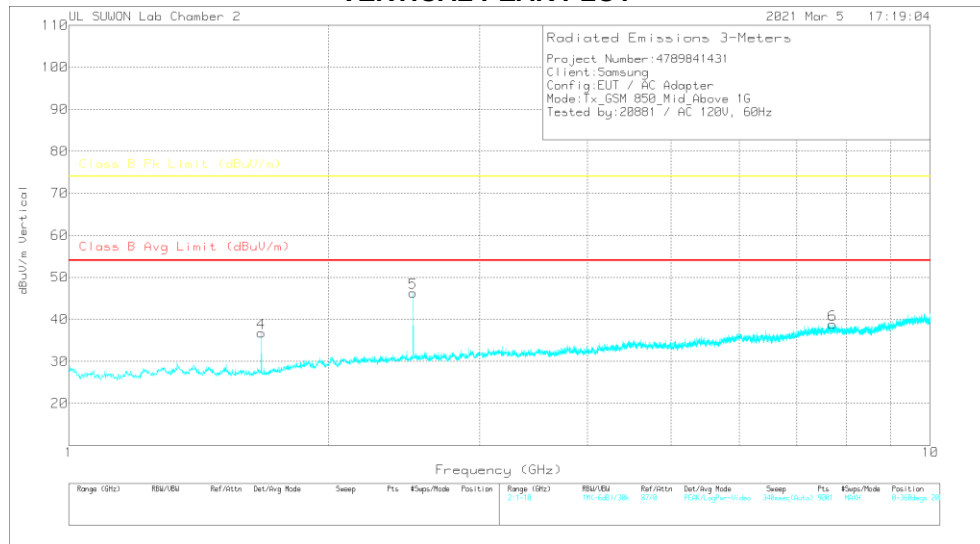
PK-Peak Detector

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

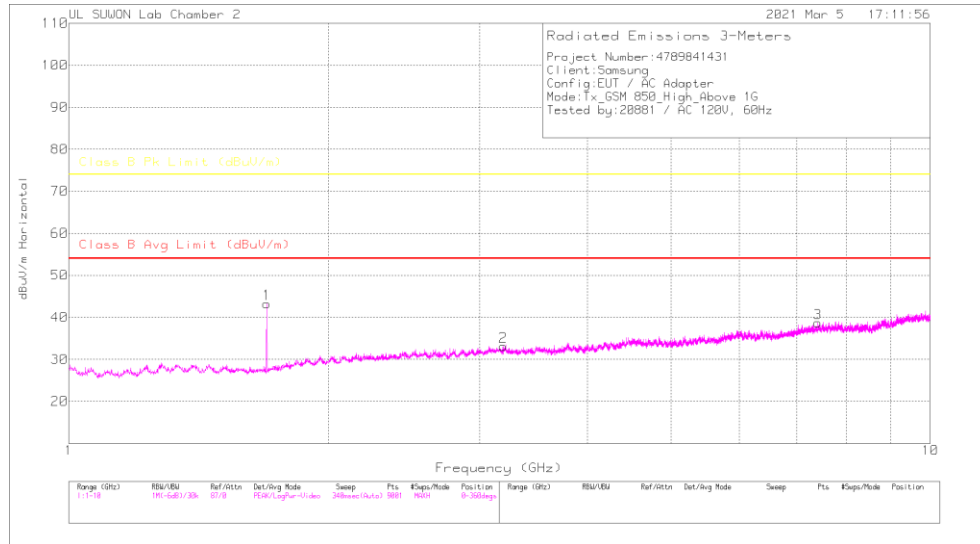
Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBUV)	Det	3117_00108724	1-18GHz[dB]	1GHz_HP[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	1.673	43.17	PK		-31.3	.7	41.17	-	-	74	-32.83	0-360	200	H
2	2.51	36.67	PK		-30.1	.7	39.37	-	-	74	-34.63	0-360	200	H
3	7.754	26.36	PK		-24.1	.6	38.86	-	-	74	-35.14	0-360	100	H
4	1.673	38.8	PK		-31.3	.7	36.8	-	-	74	-37.2	0-360	200	V
5	2.509	43.64	PK		-30.1	.7	46.34	-	-	74	-27.66	0-360	200	V
6	7.701	26.21	PK		-24	.6	38.81	-	-	74	-35.19	0-360	200	V

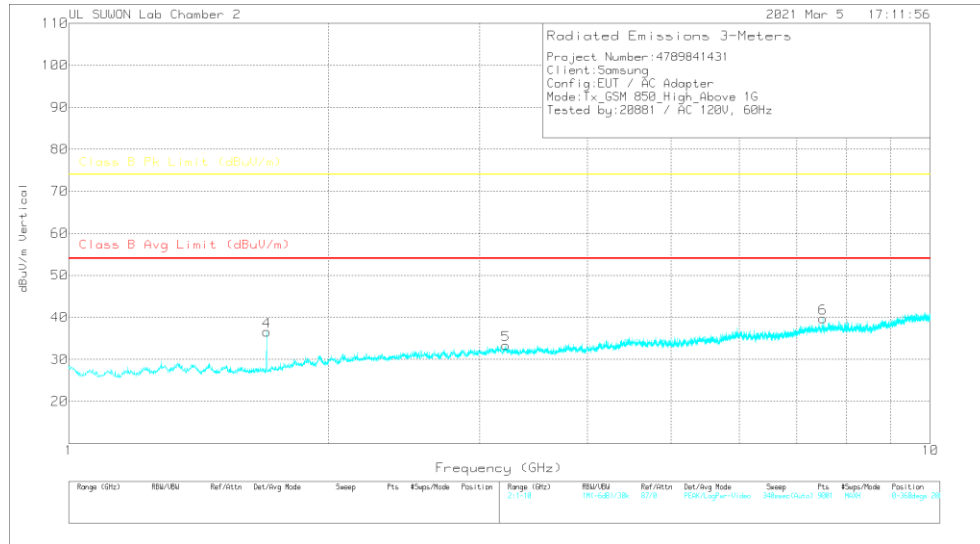
PK – Peak Detector

HIGH CHANNEL(893.8 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

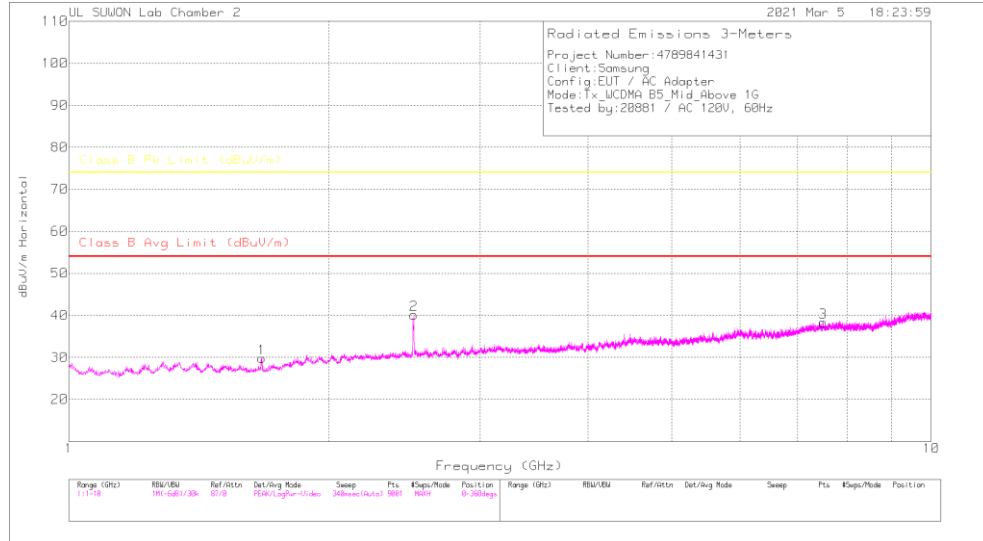
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	2117_00168724	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Avg(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.697	45.05	PK	28.7	-31.2	.7	43.25	-	-	74	-30.75	0-360	200	H
2	3.196	29	PK	33	-29.6	.7	33.1	-	-	74	-40.9	0-360	100	H
3	7.407	26.91	PK	36.1	-24.9	.6	38.71	-	-	74	-35.29	0-360	200	H
4	1.697	38.38	PK	28.7	-31.2	.7	36.58	-	-	74	-37.42	0-360	200	V
5	3.215	29.48	PK	33	-29.8	.7	33.38	-	-	74	-40.62	0-360	100	V
6	7.507	27.57	PK	36	-24.4	.6	39.77	-	-	74	-34.23	0-360	100	V

PK – Peak Detector

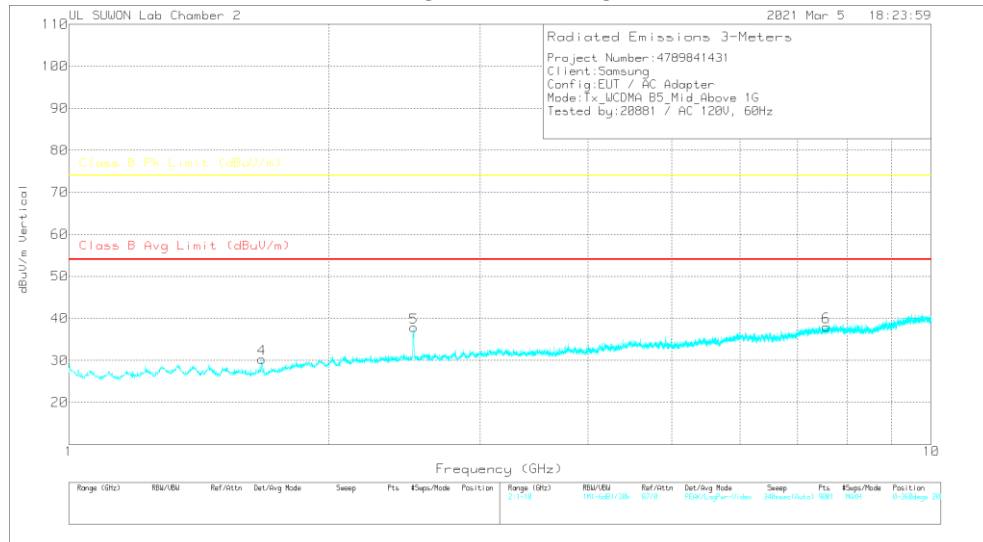
7.2. Above 1 GHz in the WCDMA Band 5

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

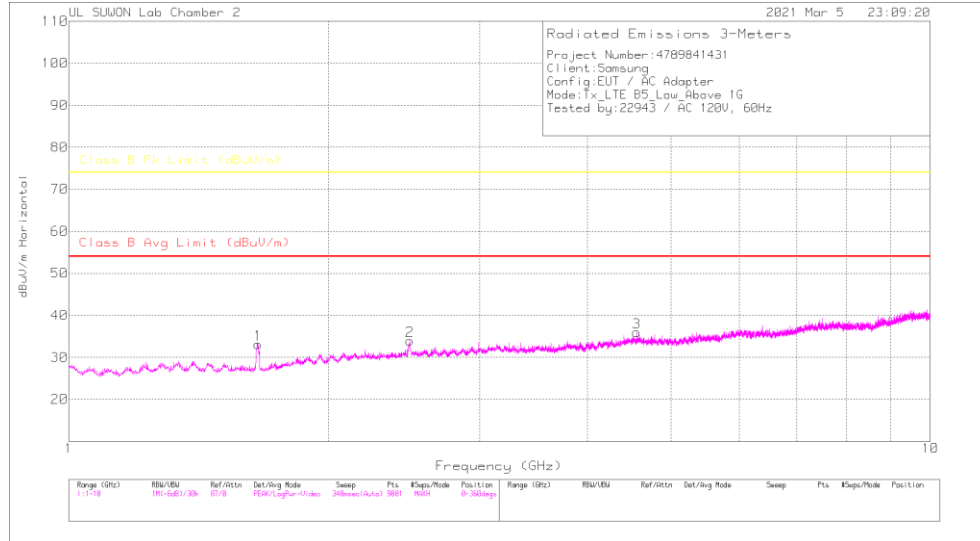
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00160724	1-18GHz(dB)	1GHz_HP(dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.675	31.77	PK	28.6	-31.3	.7	29.77	-	-	74	-44.23	0-360	200	H
2	2.512	37.42	PK	32.1	-30.1	.7	40.12	-	-	74	-33.88	0-360	100	H
3	7.5	26.09	PK	36	-24.4	.6	38.29	-	-	74	-35.71	0-360	200	H
4	1.674	32.33	PK	28.6	-31.3	.7	30.33	-	-	74	-43.67	0-360	200	V
5	2.512	35.15	PK	32.1	-30.1	.7	37.85	-	-	74	-36.15	0-360	100	V
6	7.56	25.99	PK	36	-24.6	.6	37.99	-	-	74	-36.01	0-360	200	V

PK – Peak Detector

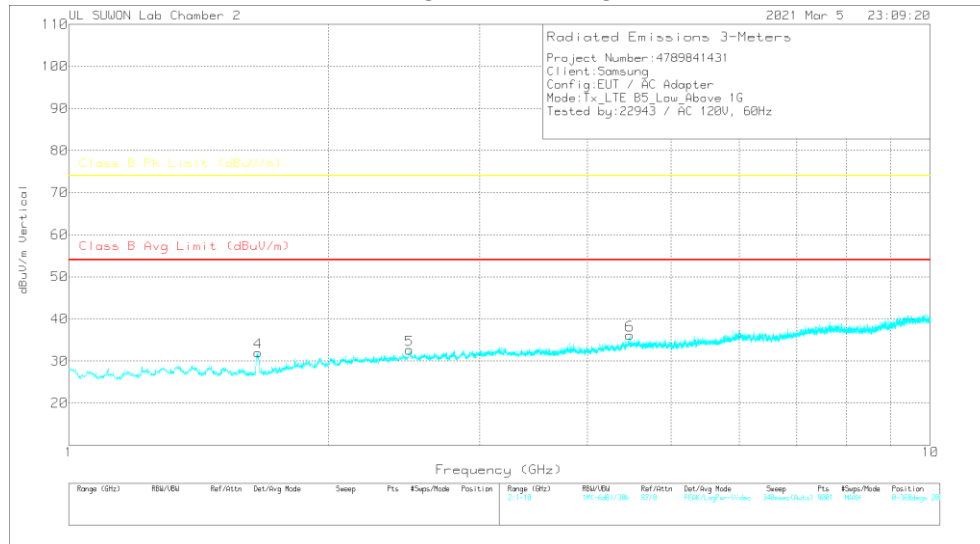
7.3. Above 1 GHz in the LTE Band 5

LOW CHANNEL(870.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

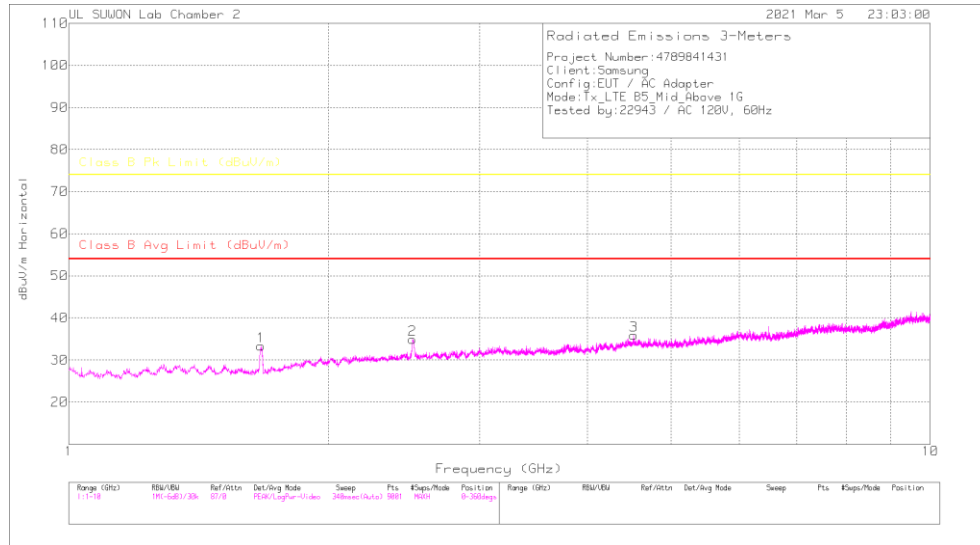
Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168724	1-10GHz(dB)	1GHz_HP(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	1.659	35.22	PK	28.6	-31.4	-7	33.12	-	-	74	-40.88	0-360	200	H
2	2.488	31.06	PK	32.1	-29.9	-7	33.96	-	-	74	-40.04	0-360	200	H
3	4.565	29.97	PK	34.1	-28.6	-5	35.97	-	-	74	-38.03	0-360	200	H
4	1.658	34.04	PK	28.6	-31.3	-7	32.04	-	-	74	-41.96	0-360	200	V
5	2.486	29.87	PK	32	-29.9	-7	32.67	-	-	74	-41.33	0-360	100	V
6	4.48	29.98	PK	34	-28.3	-5	36.18	-	-	74	-37.82	0-360	100	V

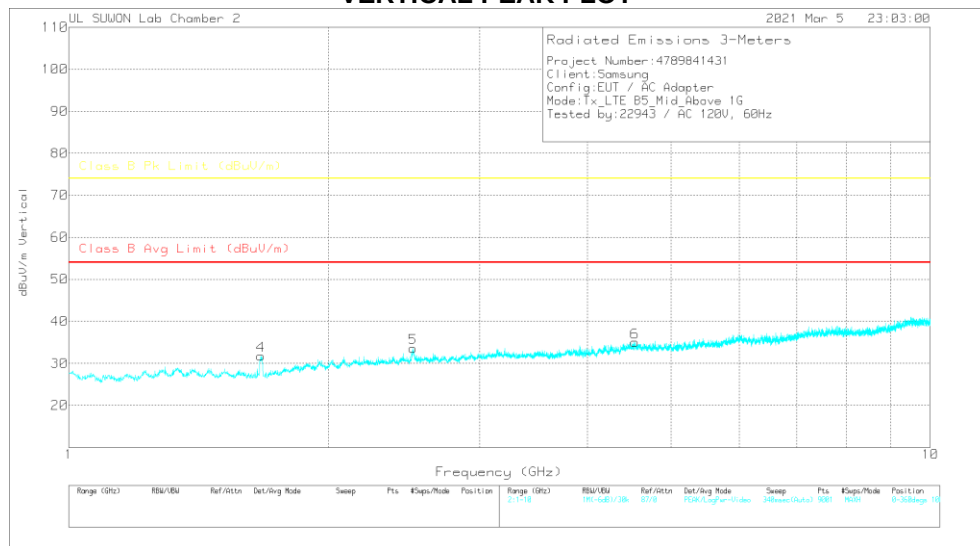
PK-Peak Detector

MID CHANNEL(881.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

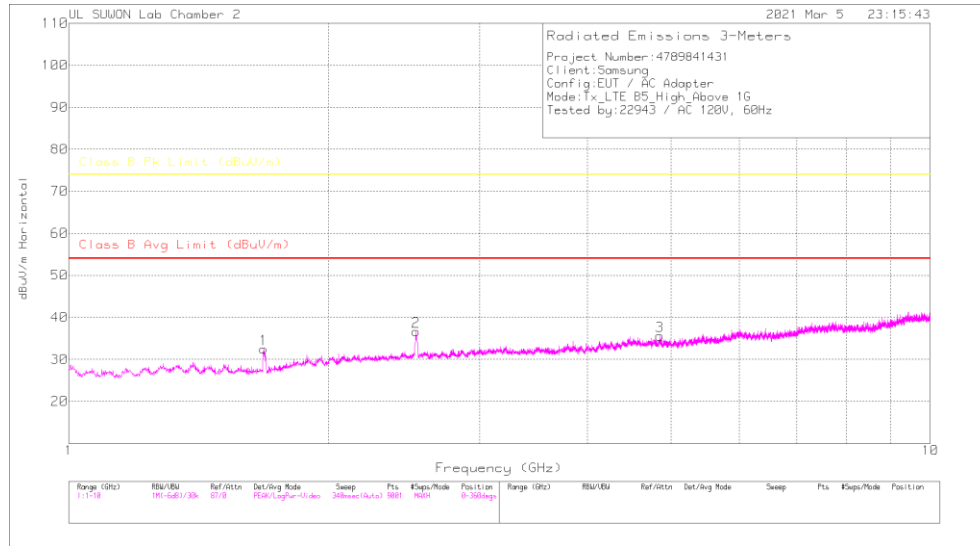
Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00108724	1-18GHz[dB]	1GHz_HPF[dB]	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Avg(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.671	35.31	PK	28.6	-31.3	.7	33.31	-	-	74	-40.69	0-360	200	H
2	2.507	32.2	PK	32.1	-30.1	.7	34.9	-	-	74	-39.1	0-360	100	H
3	4.528	29.59	PK	34.1	-28.3	.5	35.89	-	-	74	-38.11	0-360	200	H
4	1.671	33.79	PK	28.6	-31.3	.7	31.79	-	-	74	-42.21	0-360	200	V
5	2.509	30.93	PK	32.1	-30.1	.7	33.63	-	-	74	-40.37	0-360	100	V
6	4.541	28.83	PK	34.1	-28.4	.5	35.03	-	-	74	-39.97	0-360	100	V

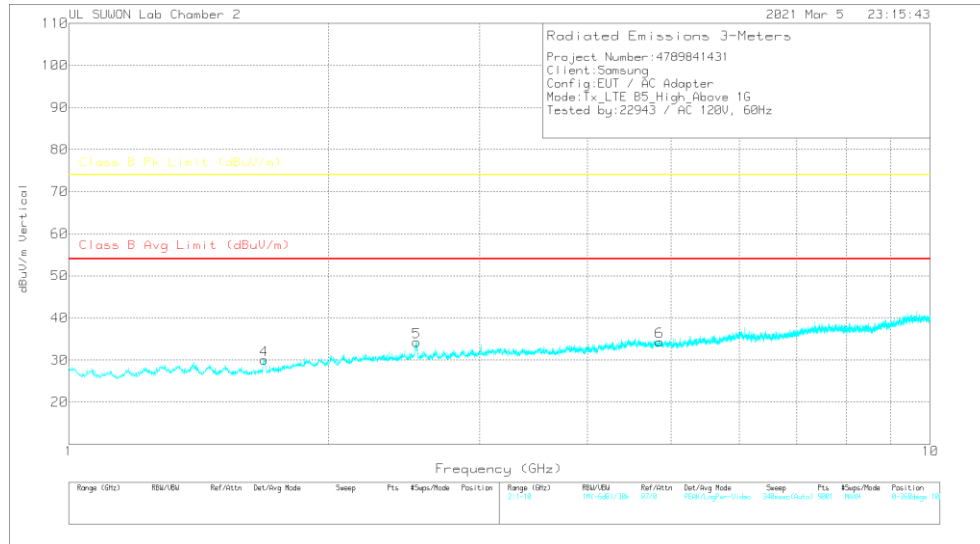
PK – Peak Detector

HIGH CHANNEL(892.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

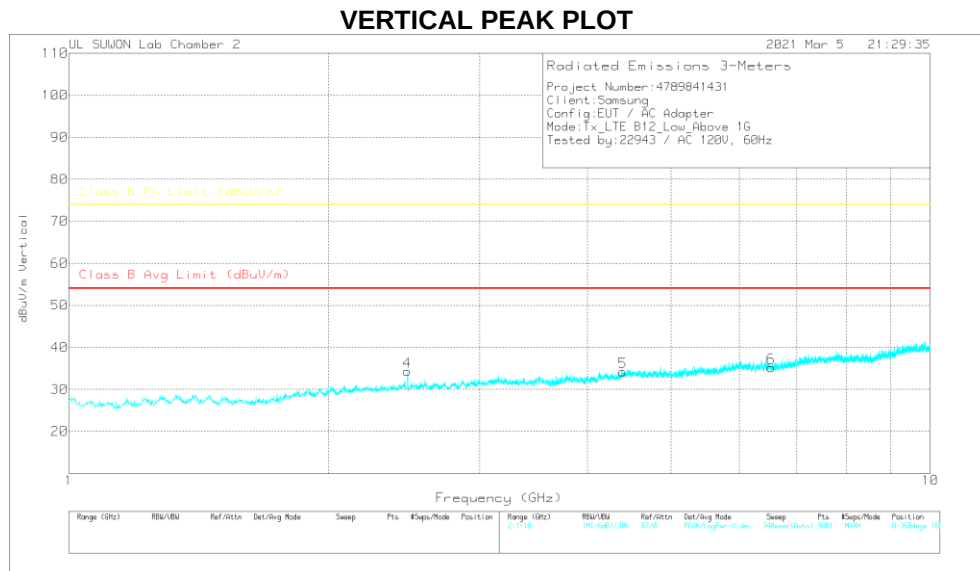
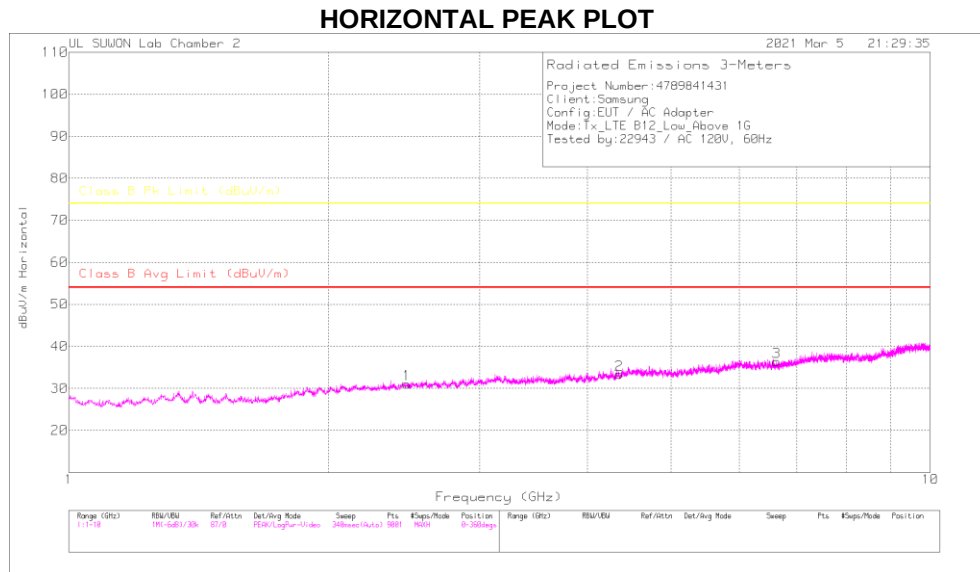
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Altitude (Feet)	Height (cm)	Polarity
1	1.683	34.42	PK	28.6	-31.2	.7	32.52	-	-	74	-41.48	0-360	200	H
2	2.531	33.77	PK	32.1	-29.9	.7	36.67	-	-	74	-37.33	0-360	100	H
3	4.853	28.71	PK	34.1	-27.7	.5	35.61	-	-	74	-38.39	0-360	100	H
4	1.686	31.92	PK	28.6	-31.2	.7	30.02	-	-	74	-43.98	0-360	200	V
5	2.533	31.46	PK	32.1	-30	.7	34.26	-	-	74	-39.74	0-360	100	V
6	4.851	27.46	PK	34.1	-27.7	.5	34.36	-	-	74	-39.64	0-360	200	V

PK – Peak Detector

7.4. Above 1 GHz in the LTE Band 12

LOW CHANNEL(730.5 MHz)



DATA

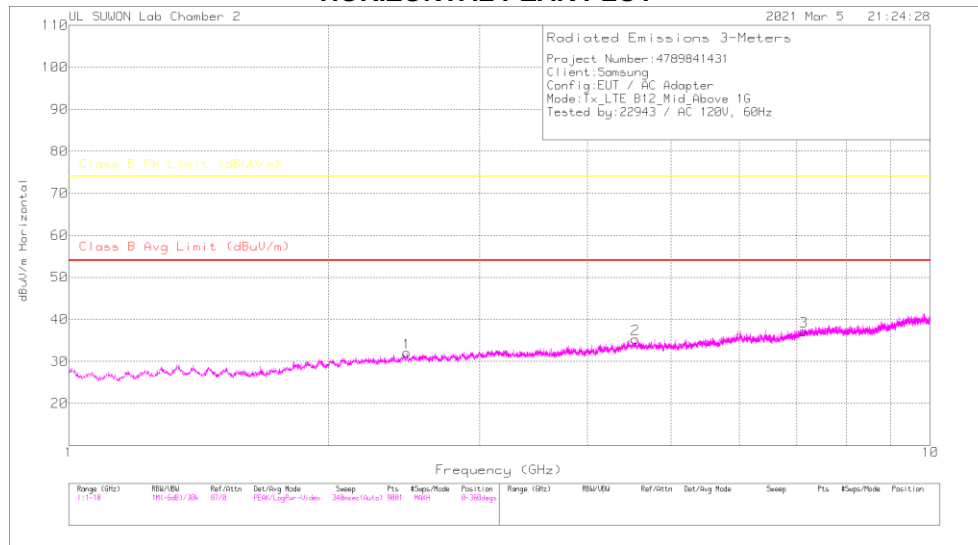
Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168724	1-10GHz(dB)	1GHz_HP(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	2.469	28.22	PK	32	-29.9	.7	31.02	-	-	74	-42.98	0-360	100	H
2	4.357	28.03	PK	33.6	-28.8	.5	33.33	-	-	74	-40.67	0-360	200	H
3	6.63	26.67	PK	35.5	-26.3	.5	36.37	-	-	74	-37.63	0-360	100	H
4	2.473	31.59	PK	32	-30	.7	34.29	-	-	74	-39.71	0-360	200	V
5	4.395	28.5	PK	33.7	-28.5	.5	34.2	-	-	74	-39.8	0-360	100	V
6	6.536	25.69	PK	35.4	-26.4	.5	35.19	-	-	74	-38.81	0-360	200	V

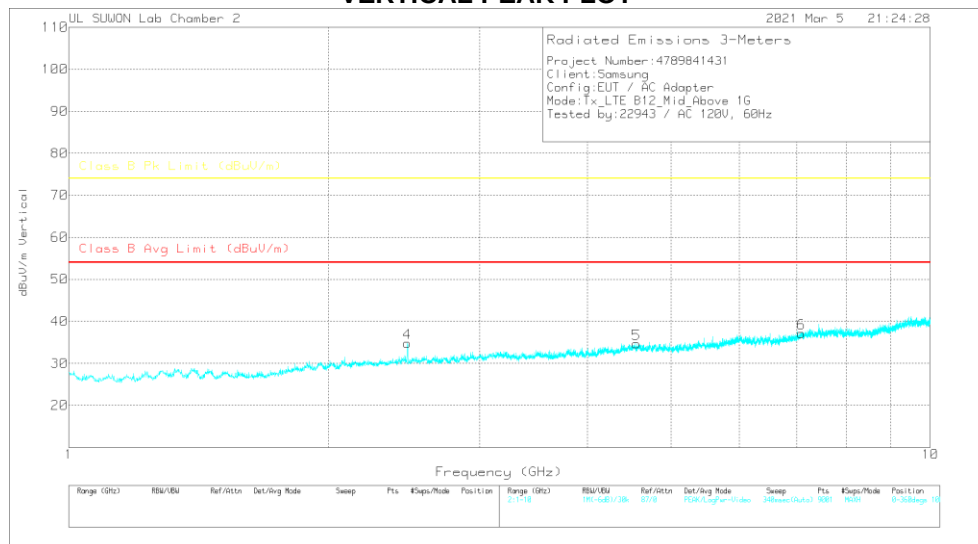
PK – Peak Detector

MID CHANNEL(737.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

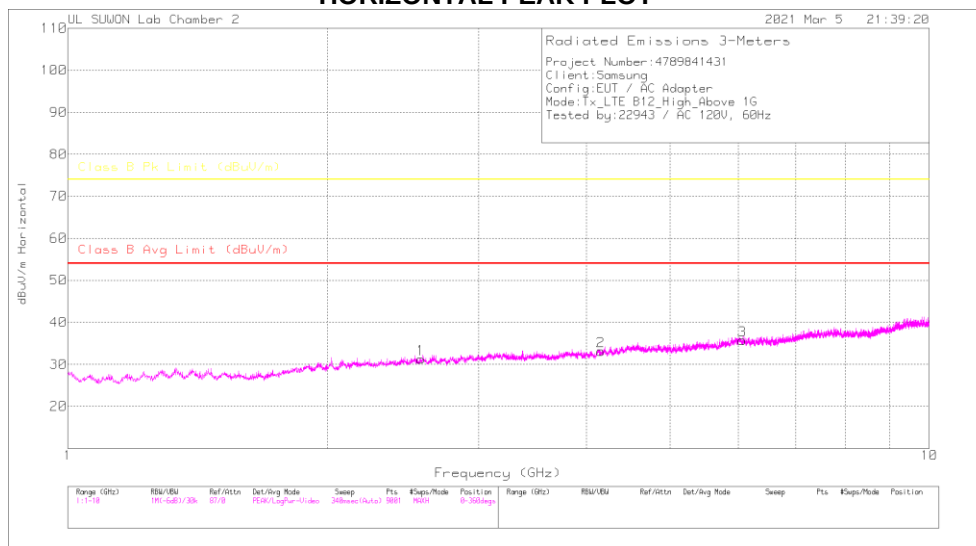
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HP(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	2.469	29.25	PK	32	-29.9	.7	32.05	-	-	74	-41.95	0-360	100	H
2	4.548	29.24	PK	34.1	-28.5	.5	35.34	-	-	74	-38.66	0-360	100	H
3	7.137	25.65	PK	36.1	-25.1	.5	37.15	-	-	74	-36.85	0-360	100	H
4	2.473	32.15	PK	32	-30	.7	34.85	-	-	74	-39.15	0-360	200	V
5	4.56	28.68	PK	34.1	-28.6	.5	34.68	-	-	74	-39.32	0-360	100	V
6	7.087	25.68	PK	36.1	-25.1	.5	37.18	-	-	74	-36.82	0-360	200	V

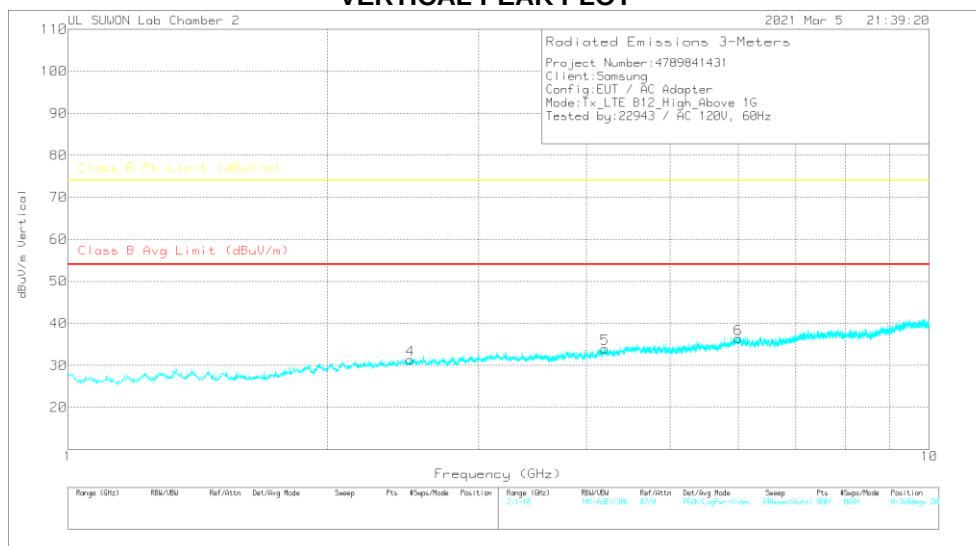
PK – Peak Detector

HIGH CHANNEL(744.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

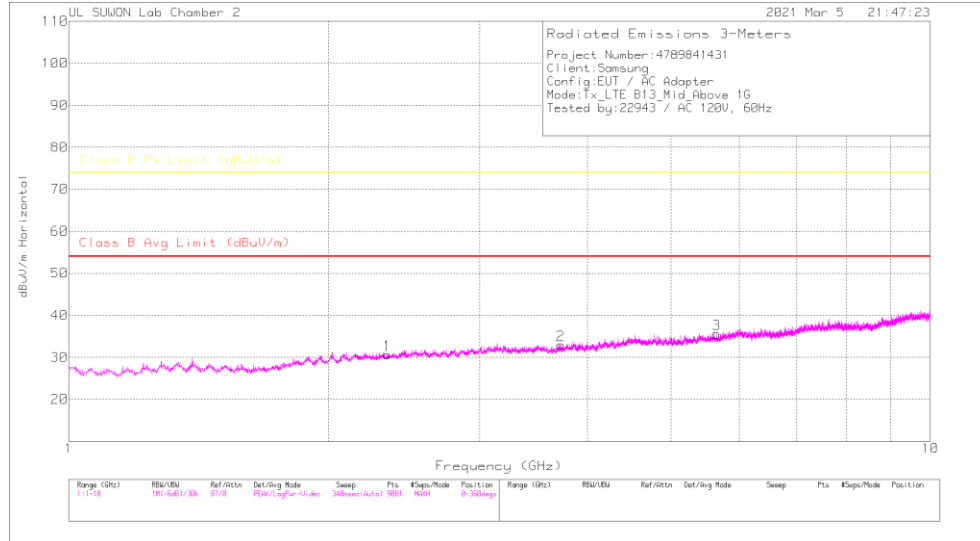
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00108724	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.57	28.37	PK	32.2	-30	.7	31.27	-	-	74	-42.73	0-360	200	H
2	4.156	27.35	PK	33.4	-28.1	.5	33.15	-	-	74	-40.85	0-360	100	H
3	6.066	27.02	PK	35.2	-27	.5	35.72	-	-	74	-38.28	0-360	200	H
4	2.499	28.66	PK	32.1	-30.1	.7	31.36	-	-	74	-42.64	0-360	100	V
5	4.204	28.26	PK	33.4	-28.2	.5	33.96	-	-	74	-40.04	0-360	200	V
6	6.004	27.78	PK	35.2	-27.1	.5	36.38	-	-	74	-37.62	0-360	100	V

PK – Peak Detector

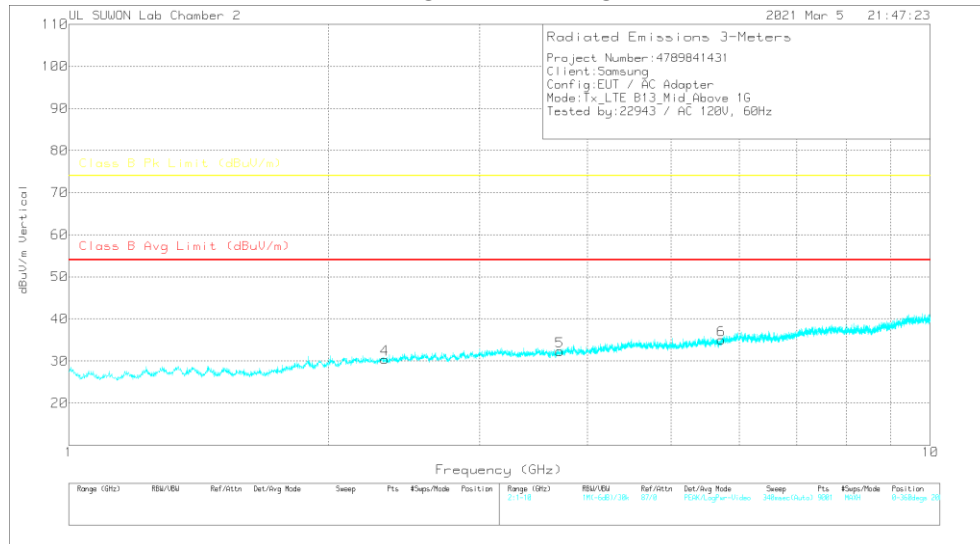
7.5. Above 1 GHz in the LTE Band 13

MID CHANNEL(751.0 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

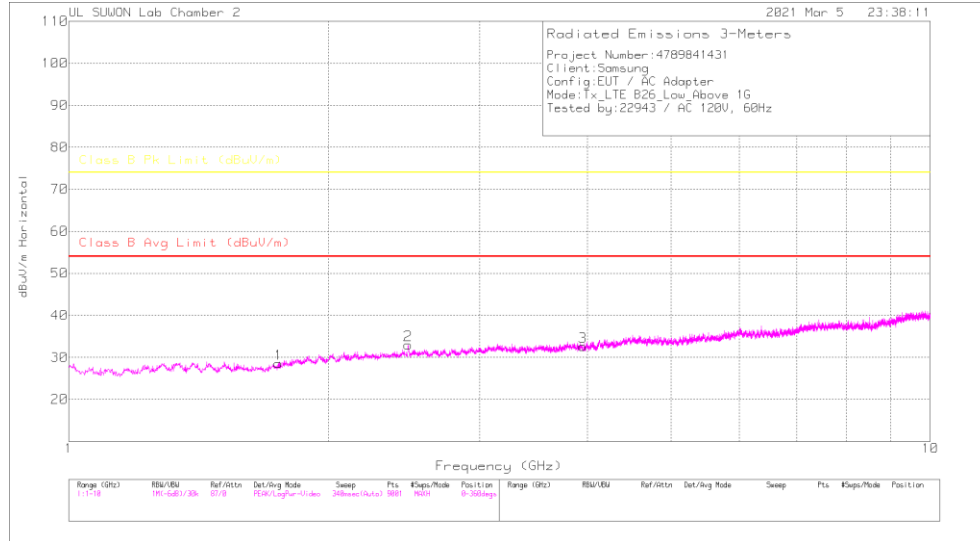
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168724	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.342	28.68	PK	31.8	-30.5	.7	30.68	-	-	74	-43.32	0-360	200	H
2	3.726	28.61	PK	33.1	-29.3	.6	33.01	-	-	74	-40.99	0-360	200	H
3	5.65	28.1	PK	34.6	-27.6	.5	35.6	-	-	74	-38.4	0-360	200	H
4	2.328	28.3	PK	31.8	-30.4	.7	30.4	-	-	74	-43.6	0-360	100	V
5	3.713	28.2	PK	33.1	-29.6	.6	32.3	-	-	74	-41.7	0-360	100	V
6	5.719	27.12	PK	34.7	-27.3	.5	35.02	-	-	74	-38.98	0-360	100	V

PK – Peak Detector

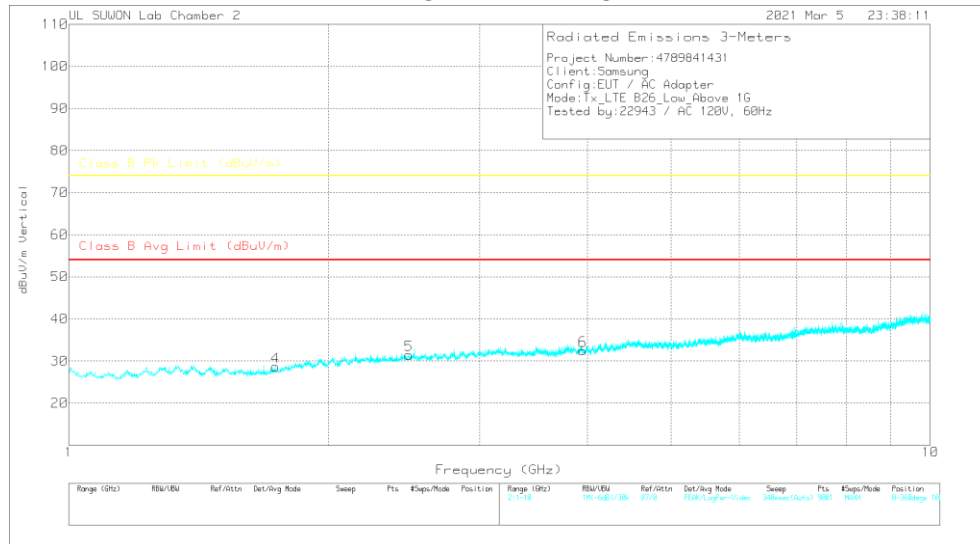
7.6. Above 1 GHz in the LTE Band 26

LOW CHANNEL(860.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

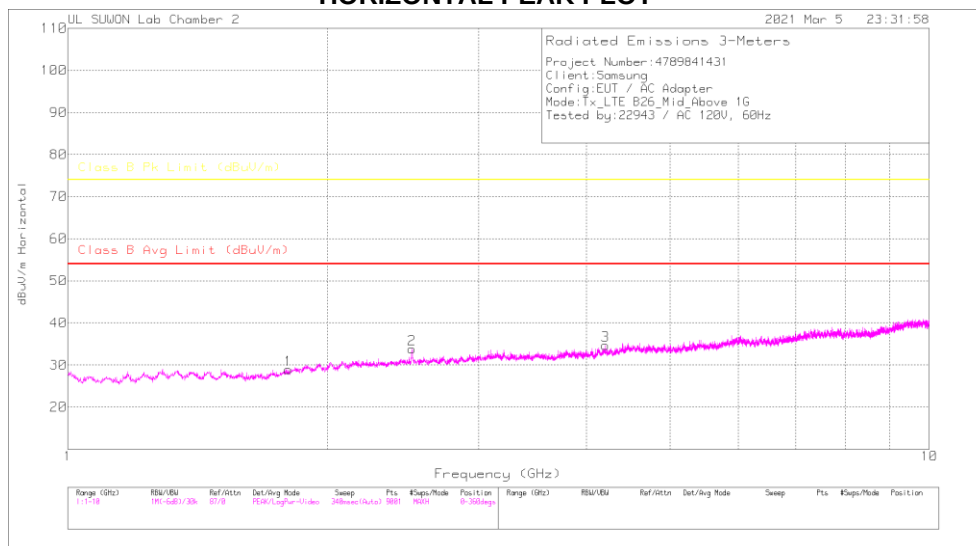
Trace Markers

Marker	Frequency (GHz)	Mean Reading (dBuV)	Det	3117_00168724	1-10GHz(dB)	1GHz_HP(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	1.751	29.85	PK	29.2	-31.2	-7	28.55	-	-	74	-45.45	0-360	200	H
2	2.477	30.17	PK	32	-29.9	-7	32.97	-	-	74	-41.03	0-360	200	H
3	3.951	28	PK	33.5	-29.4	-5	32.6	-	-	74	-41.4	0-360	100	H
4	1.738	30.03	PK	29.1	-31.2	-7	28.63	-	-	74	-45.37	0-360	100	V
5	2.481	28.65	PK	32	-29.9	-7	31.45	-	-	74	-42.55	0-360	200	V
6	3.952	27.8	PK	33.5	-29.3	-5	32.5	-	-	74	-41.5	0-360	200	V

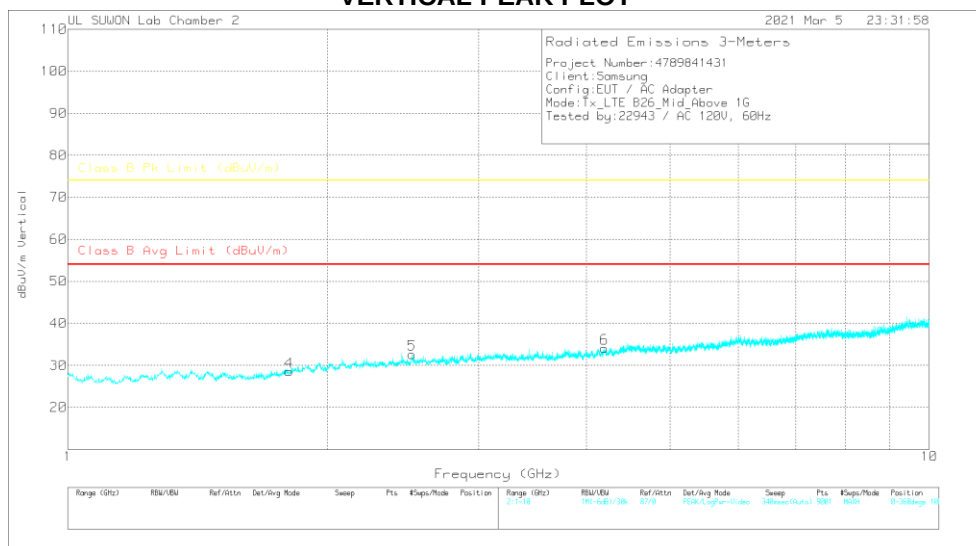
PK – Peak Detector

MID CHANNEL(876.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

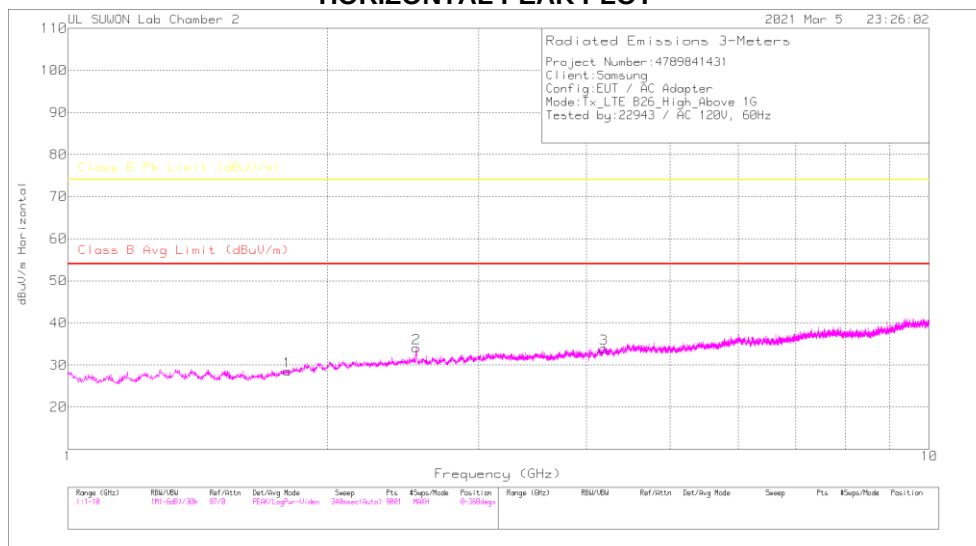
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HP(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	1.804	29.5	PK		-31.2	.7	28.9	-	-	74	-45.1	0-360	200	H
2	2.51	31.11	PK		-30.1	.7	33.81	-	-	74	-40.19	0-360	200	H
3	4.207	28.98	PK		-28.2	.5	34.68	-	-	74	-39.32	0-360	200	H
4	1.807	29.15	PK		-31.2	.7	28.55	-	-	74	-45.45	0-360	200	V
5	2.51	29.94	PK		-30.1	.7	32.64	-	-	74	-41.36	0-360	100	V
6	4.197	28.39	PK		-28.2	.5	34.09	-	-	74	-39.91	0-360	100	V

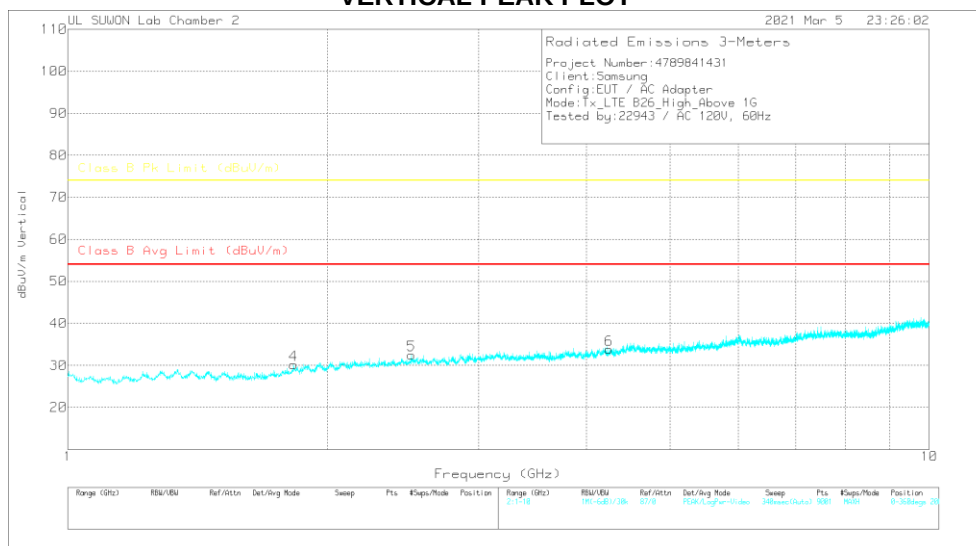
PK – Peak Detector

HIGH CHANNEL(892.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

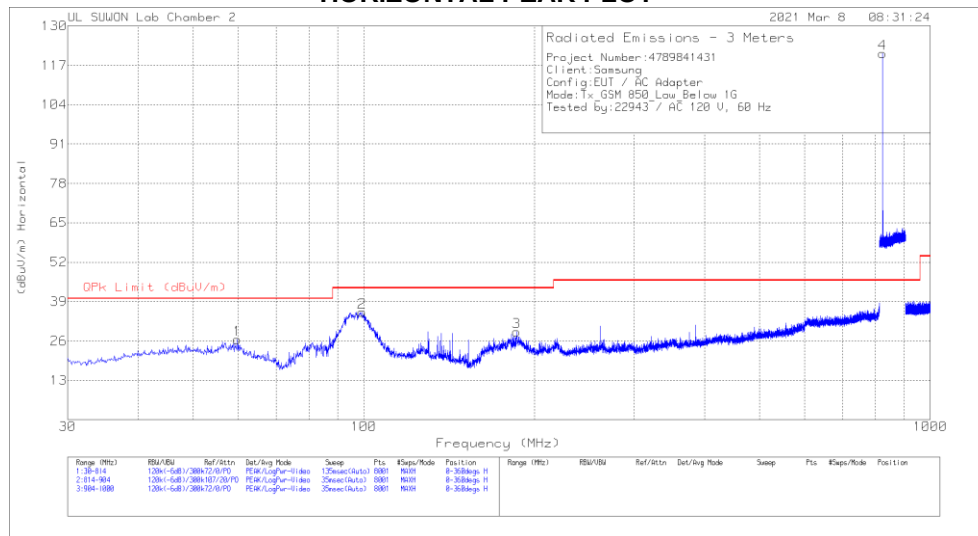
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00108724	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Avg(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.799	29.16	PK	29.8	-31.1	.7	28.56	-	-	74	-45.44	0-360	100	H
2	2.539	31.23	PK	32.1	-30	.7	34.03	-	-	74	-39.97	0-360	100	H
3	4.193	28.22	PK	33.4	-28.2	.5	33.92	-	-	74	-40.08	0-360	100	H
4	1.829	30.37	PK	30.1	-31	.7	30.17	-	-	74	-43.83	0-360	100	V
5	2.505	29.62	PK	32.1	-29.9	.7	32.52	-	-	74	-41.48	0-360	100	V
6	4.249	28.21	PK	33.4	-28.3	.5	33.81	-	-	74	-40.19	0-360	100	V

PK – Peak Detector

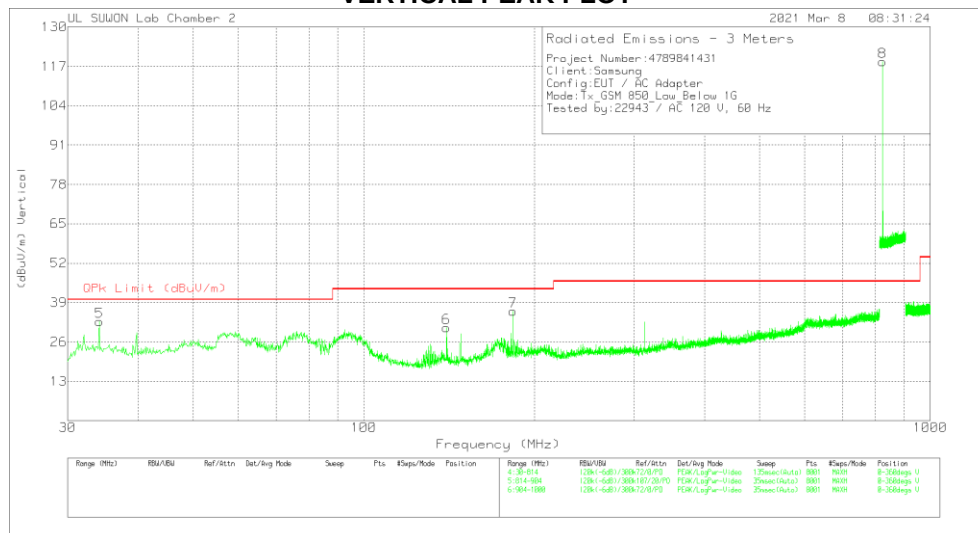
7.7. Below 1 GHz in the GSM850

LOW CHANNEL(869.2 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

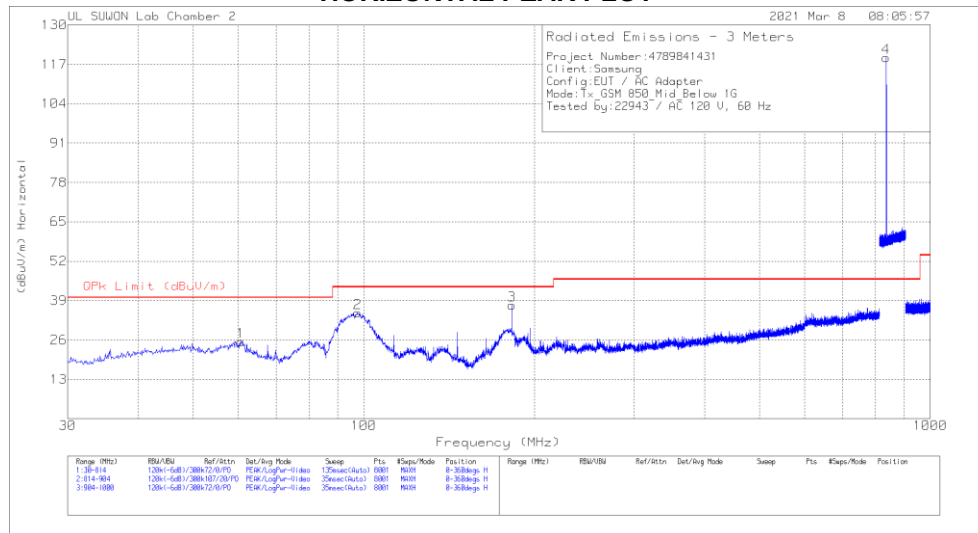
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below 1G Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.792	7.06	Pk	18.5	.9	26.46	40	-13.54	0-360	400	H
2	99.286	17.14	Pk	17.3	1	35.44	43.52	-8.08	0-360	300	H
3	186.114	11.47	Pk	15.9	1.6	28.97	43.52	-14.55	0-360	100	H
4	824.1925	90.83	Pk	26.7	3.3	120.83	46.02	74.81	0-360	100	H
5	34.116	16.07	Pk	16.1	.6	32.77	40	-7.23	0-360	300	V
6	139.956	15.67	Pk	13.7	1.3	30.67	43.52	-12.85	0-360	100	V
7	183.37	19.12	Pk	15.6	1.5	36.22	43.52	-7.3	0-360	100	V
8	824.2488	88.67	Pk	26.7	3.2	118.57	46.02	72.55	0-360	100	V

Pk - Peak detector

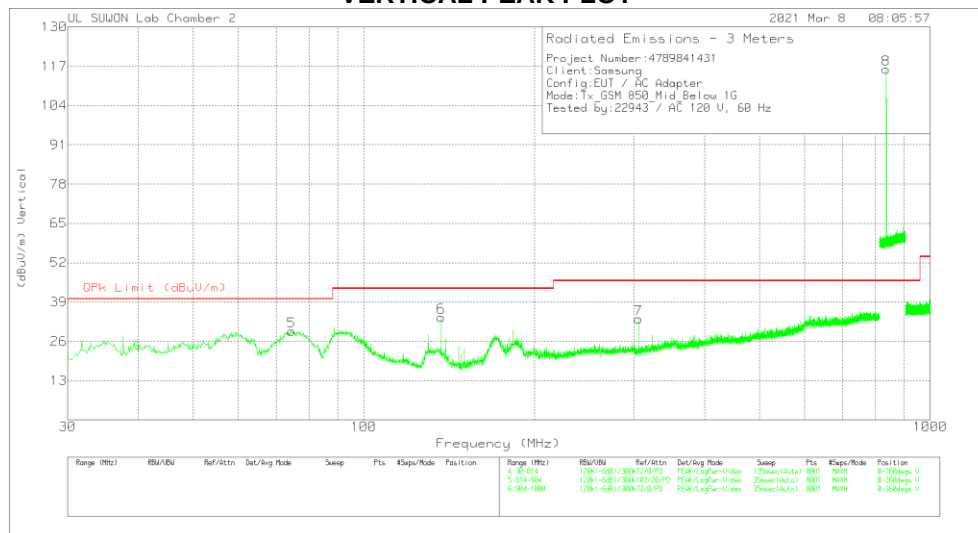
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

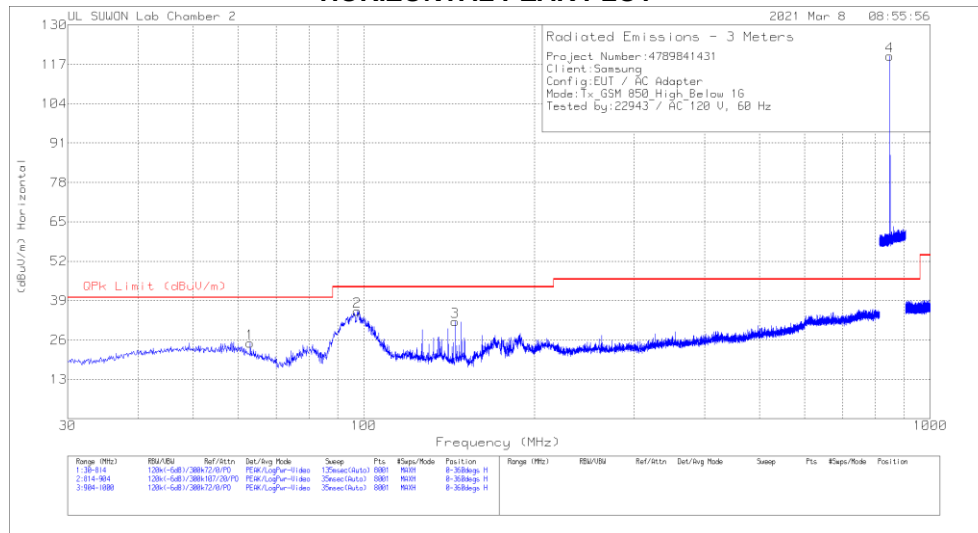
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	60.674	6.18	Pk	18.4	.9	25.48	40	-14.52	0-360	400	H
2	97.522	16.88	Pk	17.1	1	34.98	43.52	-8.54	0-360	300	H
3	182.586	20.07	Pk	15.6	1.8	37.47	43.52	-6.05	0-360	100	H
4	836.5563	89.09	Pk	26.9	3.2	119.19	46.02	73.17	0-360	100	H
5	74.492	15.15	Pk	13.4	.9	29.45	40	-10.55	0-360	100	V
6	137.016	19.04	Pk	13.8	1.2	34.04	43.52	-9.48	0-360	200	V
7	305.576	12.26	Pk	19.2	2	33.46	46.02	-12.56	0-360	300	V
8	836.6688	85.85	Pk	26.9	3.3	116.05	46.02	70.03	0-360	100	V

Pk - Peak detector

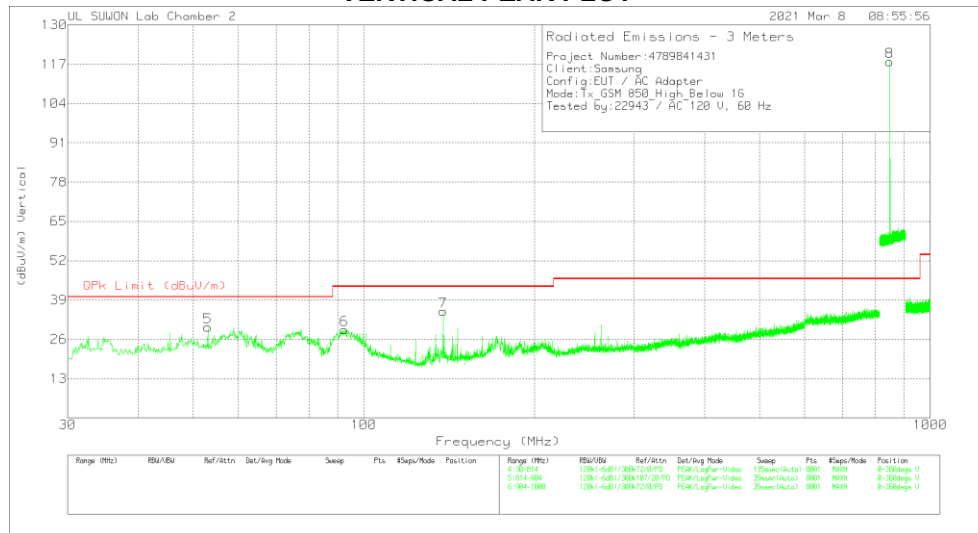
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

HIGH CHANNEL(893.8 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	63.026	6.3	Pk	17.7	.9	24.9	40	-15.1	0-360	300	H
2	97.424	17.13	Pk	17.1	1.2	35.43	43.52	-8.09	0-360	300	H
3	144.954	16.95	Pk	13.7	1.4	32.05	43.52	-11.47	0-360	100	H
4	848.8188	89.11	Pk	27.3	3.3	119.71	46.02	73.69	0-360	100	H
5	53.03	9.62	Pk	19.6	.9	30.12	40	-9.88	0-360	100	V
6	92.328	12.05	Pk	16.1	1.1	29.25	43.52	-14.27	0-360	200	V
7	137.996	20.15	Pk	13.8	1.3	35.25	43.52	-8.27	0-360	100	V
8	848.8188	87.17	Pk	27.3	3.3	117.77	46.02	71.75	0-360	100	V

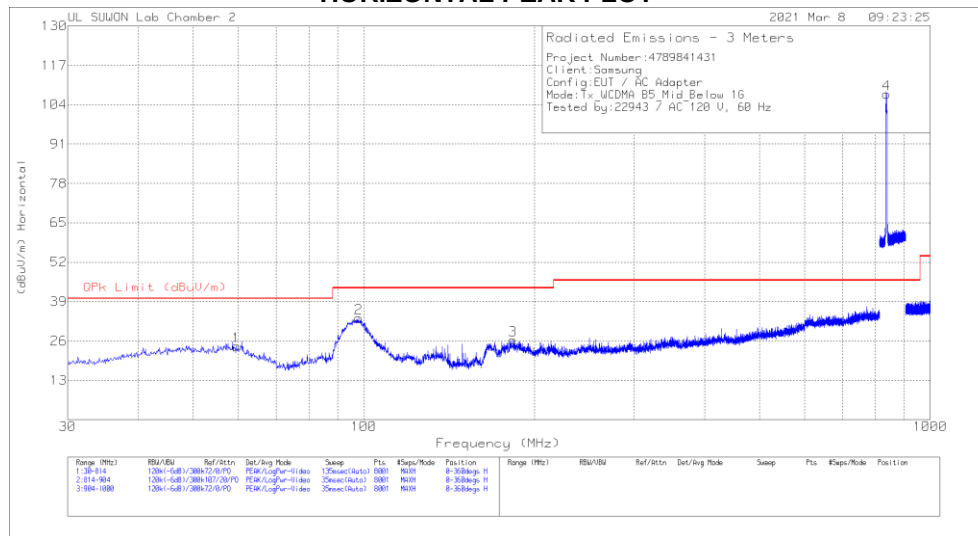
Pk - Peak detector

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

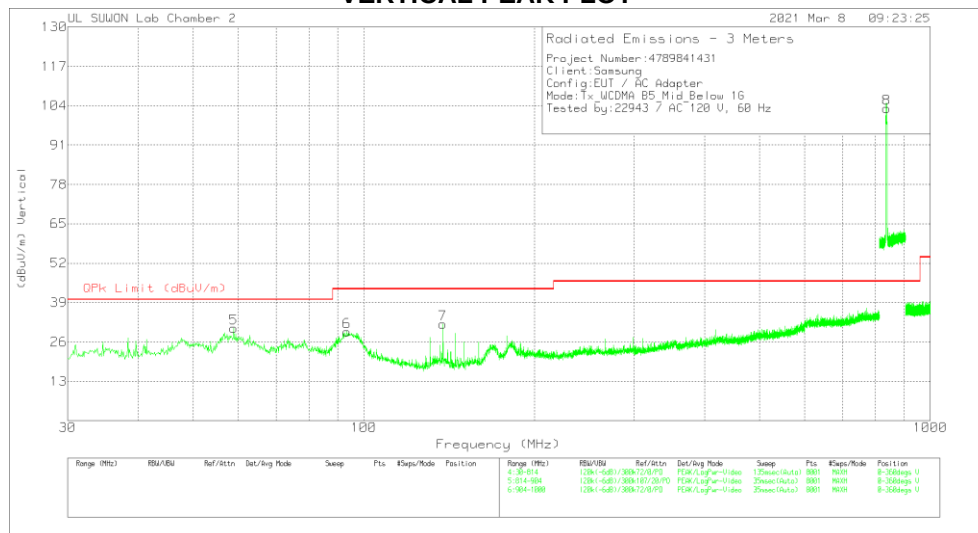
7.8. Below 1 GHz in the WCDMA Band 5

MID CHANNEL(881.6 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	59.498	4.77	Pk	18.6	.9	24.27	40	-15.73	0-360	400	H
2	97.914	15.14	Pk	17.2	1.2	33.54	43.52	-9.98	0-360	300	H
3	183.468	9.24	Pk	15.6	1.5	26.34	43.52	-17.18	0-360	200	H
4	836.9838	77.37	Pk	26.9	3.2	107.47	46.02	61.45	0-360	100	H
5	58.91	10.85	Pk	18.7	1	30.55	40	-9.45	0-360	300	V
6	93.406	12.16	Pk	16.3	.9	29.36	43.52	-14.16	0-360	100	V
7	137.898	16.85	Pk	13.8	1.3	31.95	43.52	-11.57	0-360	100	V
8	836.8375	72.84	Pk	26.9	3.3	103.04	46.02	57.02	0-360	100	V

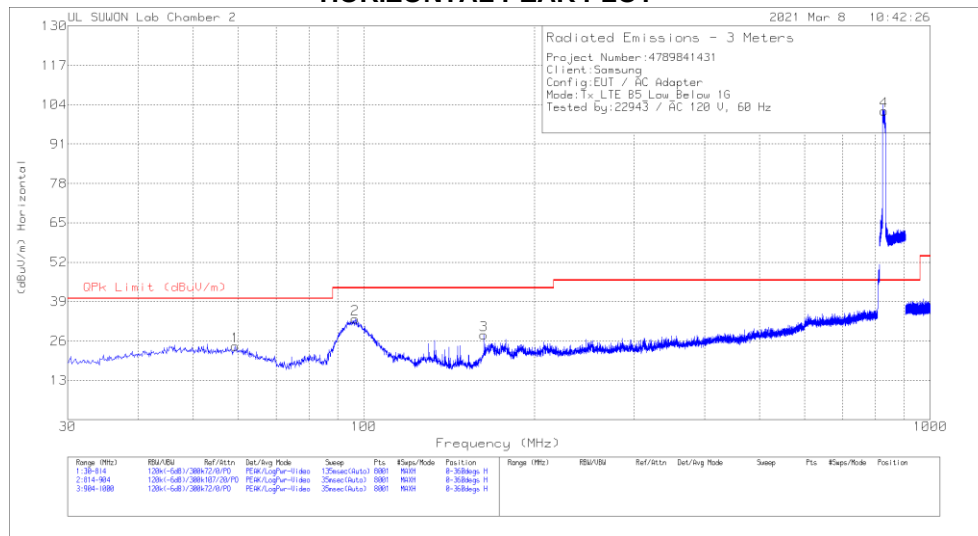
Pk - Peak detector

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

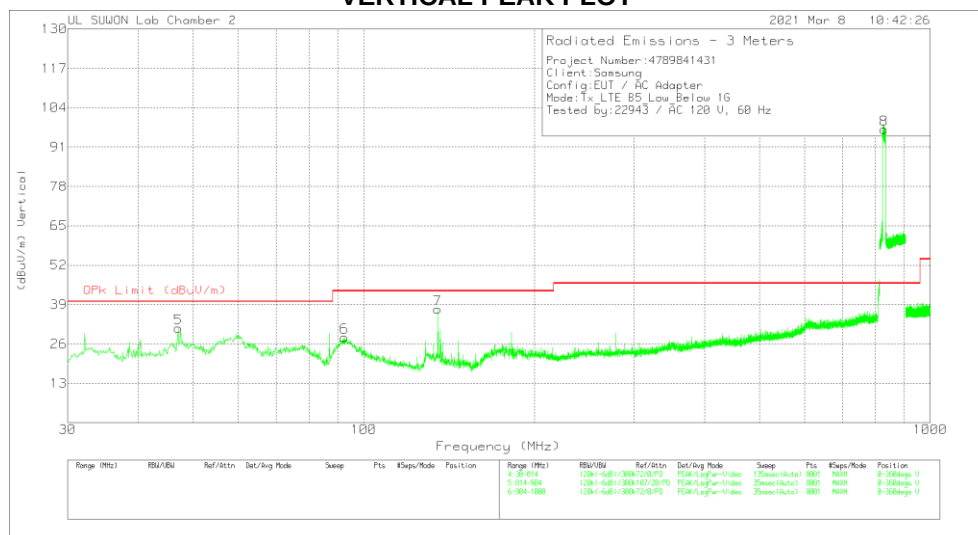
7.9. Below 1 GHz in the LTE Band 5

LOW CHANNEL(871.4 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

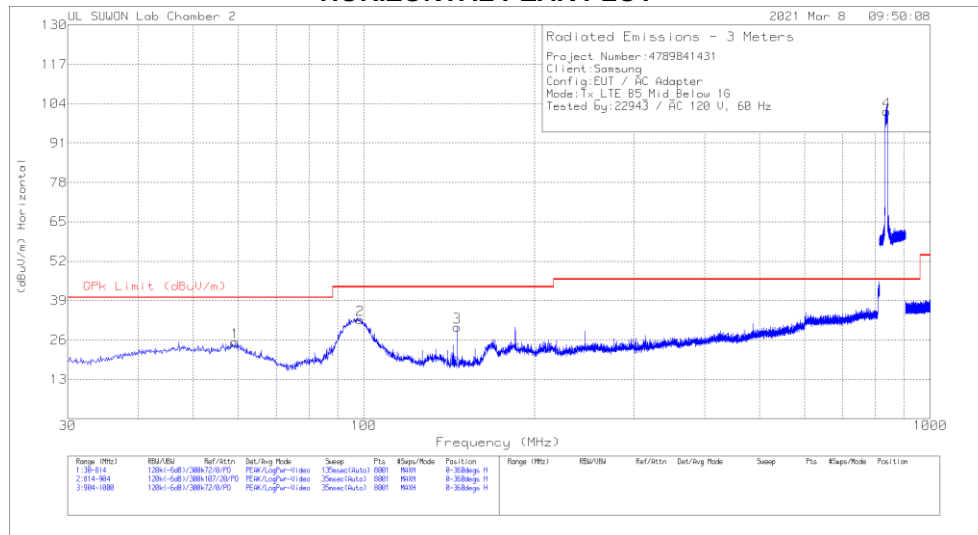
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.302	4.87	Pk	18.6	.9	24.37	40	-15.63	0-360	400	H
2	96.444	15.44	Pk	16.9	.9	33.24	43.52	-10.28	0-360	300	H
3	162.79	12.1	Pk	14.3	1.6	28	43.52	-15.52	0-360	200	H
4	829.2325	71.91	Pk	26.8	3.2	101.91	46.02	55.89	0-360	100	H
5	47.052	10.61	Pk	19.8	.9	31.31	40	-8.69	0-360	100	V
6	92.426	11.08	Pk	16.1	1.1	28.28	43.52	-15.24	0-360	100	V
7	135.056	22.39	Pk	13.9	1.2	37.49	43.52	-6.03	0-360	300	V
8	829.0525	66.7	Pk	26.8	3.3	96.8	46.02	50.78	0-360	100	V

Pk - Peak detector

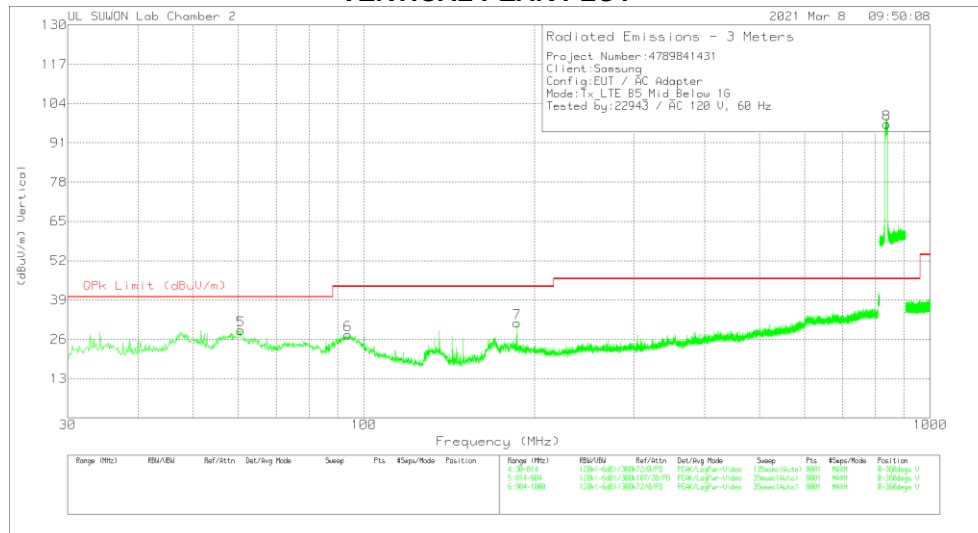
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

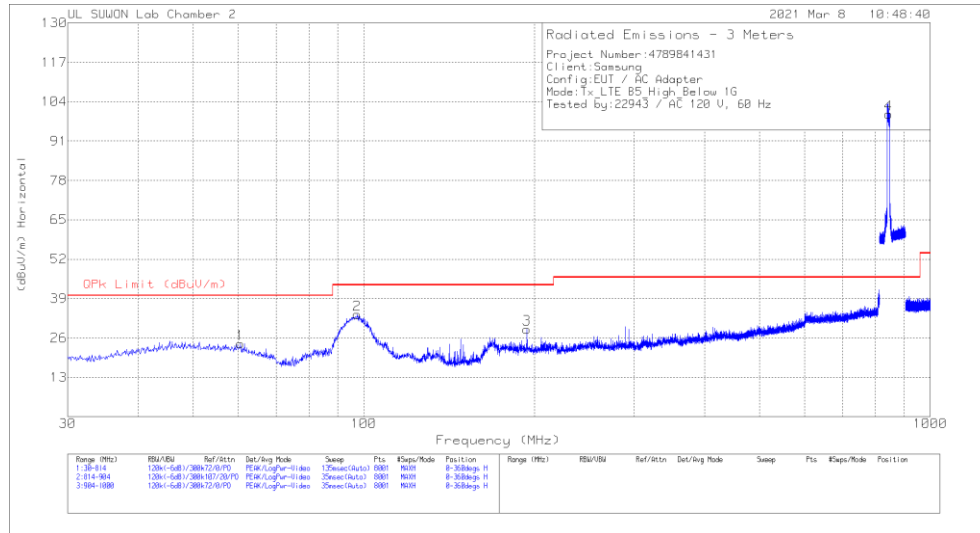
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.302	5.87	Pk	18.6	.9	25.37	40	-14.63	0-360	200	H
2	98.502	14.34	Pk	17.3	1.2	32.84	43.52	-10.68	0-360	300	H
3	146.13	15.31	Pk	13.7	1.3	30.31	43.52	-13.21	0-360	400	H
4	837.2425	71.32	Pk	26.9	3.2	101.42	46.02	55.4	0-360	100	H
5	60.674	9.77	Pk	18.4	.9	29.07	40	-10.93	0-360	100	V
6	93.7	10.08	Pk	16.3	1.1	27.48	43.52	-16.04	0-360	100	V
7	186.31	13.9	Pk	16	1.5	31.4	43.52	-12.12	0-360	200	V
8	836.815	66.92	Pk	26.9	3.3	97.12	46.02	51.1	0-360	100	V

Pk - Peak detector

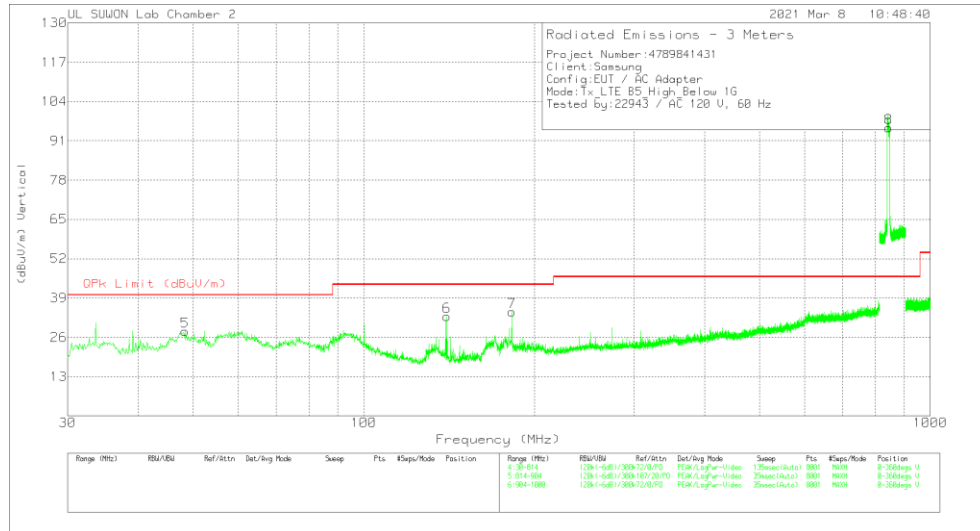
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

HIGH CHANNEL(891.6 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	60.576	4.9	Pk	18.4	.8	24.1	40	-15.9	0-360	100	H
2	97.424	15.46	Pk	17.1	1.2	33.76	43.52	-9.76	0-360	300	H
3	194.15	10.26	Pk	17.1	1.6	28.96	43.52	-14.56	0-360	200	H
4	844.2288	69.33	PK	27.2	3.3	99.83	46.02	53.81	0-360	100	H
5	48.326	7.4	Pk	19.9	.8	28.1	40	-11.9	0-360	200	V
6	140.054	17.91	Pk	13.7	1.4	33.01	43.52	-10.51	0-360	100	V
7	182.488	17.4	Pk	15.5	1.5	34.4	43.52	-9.12	0-360	200	V
8	844.3075	64.95	Pk	27.2	3.2	95.35	46.02	49.33	0-360	100	V

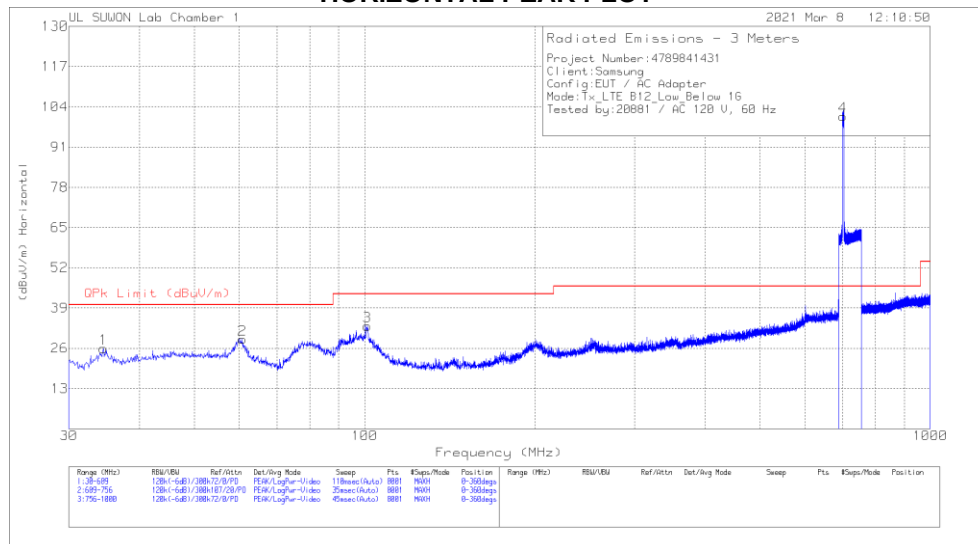
Pk - Peak detector

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

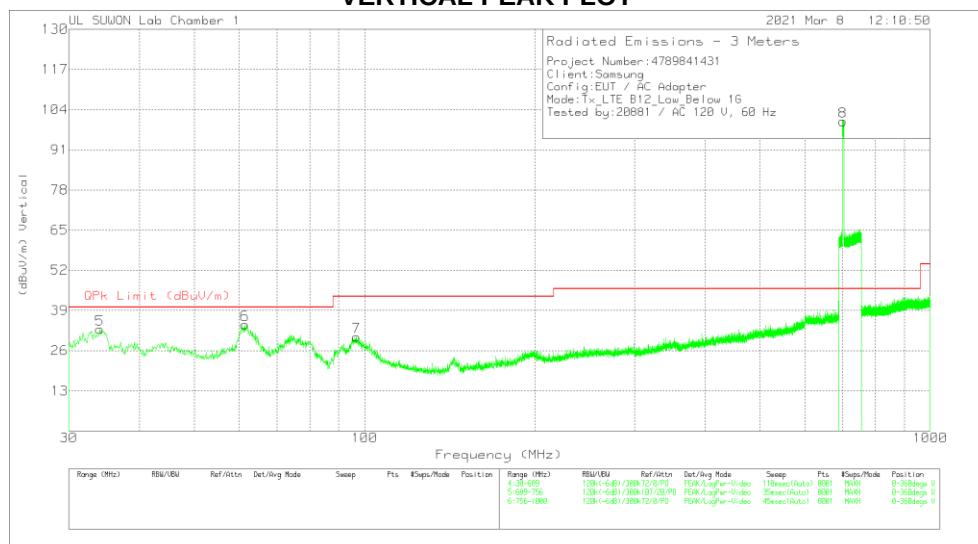
7.10. Below 1 GHz in the LTE Band 12

LOW CHANNEL(730.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

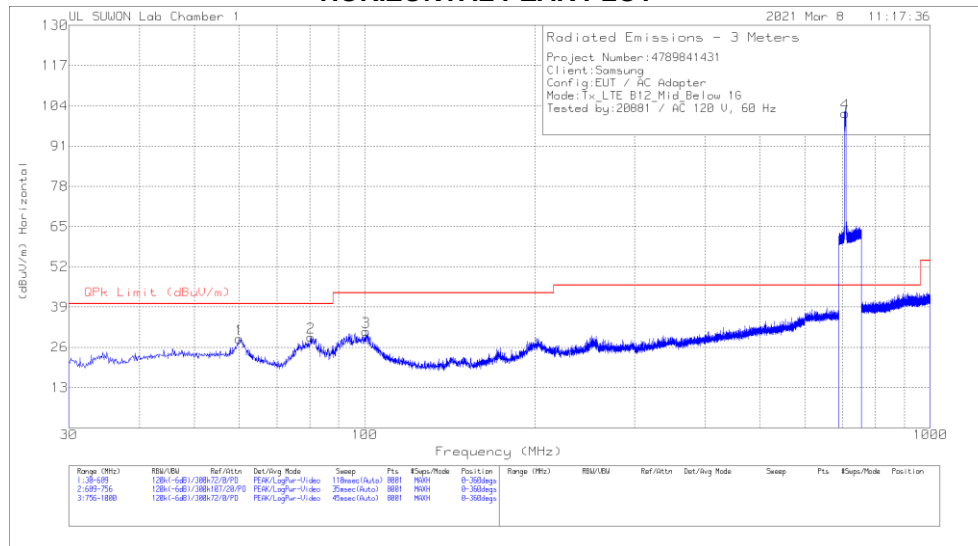
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	34.5306	7.84	Pk	16.4	1.7	25.94	40	-14.06	0-360	200	H
2	60.8083	8.29	Pk	18.4	2.2	28.89	40	-11.11	0-360	400	H
3	101.172	12.67	Pk	17.7	2.8	33.17	43.52	-10.35	0-360	300	H
4	701.5206	68.3	Pk	25.6	7	100.9	46.02	54.88	0-360	100	H
5	34.0364	15.07	Pk	16.2	1.6	32.87	40	-7.13	0-360	100	V
6	61.4673	14.23	Pk	18.3	1.9	34.43	40	-5.57	0-360	100	V
7	96.8061	10.89	Pk	17	2.6	30.49	43.52	-13.03	0-360	100	V
8	701.2945	67.58	Pk	25.6	7	100.18	46.02	54.16	0-360	100	V

Pk - Peak detector

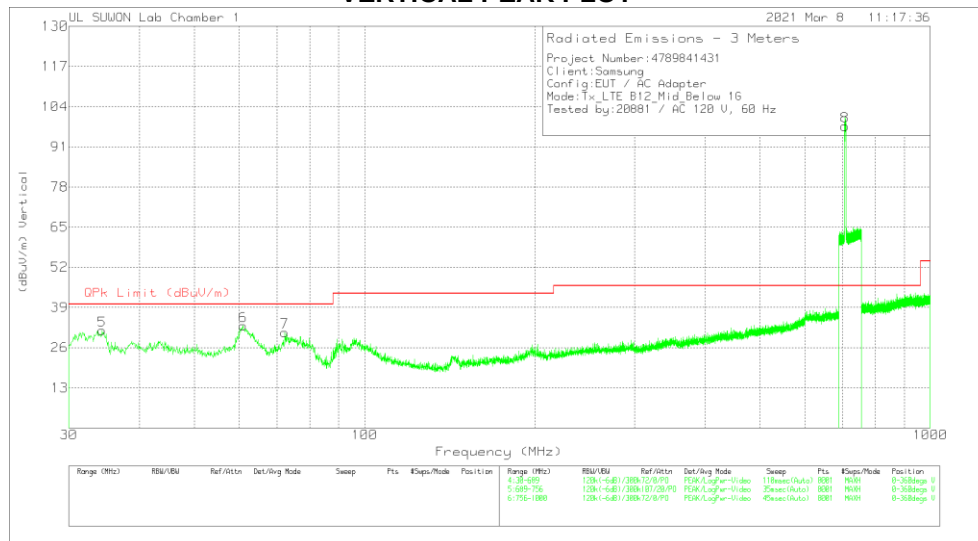
Note: Unwanted emissions captured from 699MHz to 716MHz and from 729MHz to 746MHz were the TX and RX signals generated from the call-simulator.

MID CHANNEL(737.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

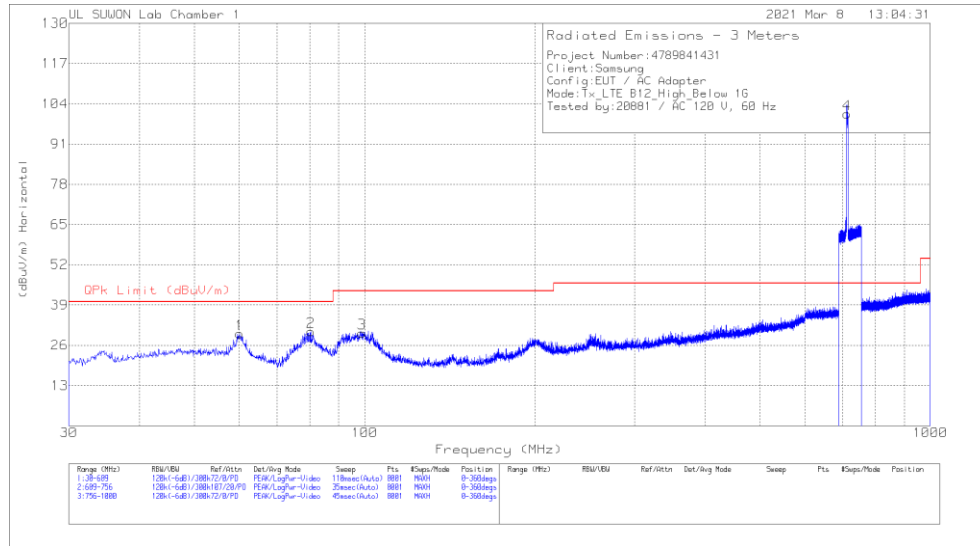
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.9845	7.96	Pk	18.6	2.2	28.76	40	-11.24	0-360	400	H
2	80.3311	14.17	Pk	12.7	2.4	29.27	40	-10.73	0-360	200	H
3	100.5954	10.81	Pk	17.6	2.7	31.11	43.52	-12.41	0-360	200	H
4	707.5506	68.91	Pk	25.7	7	101.61	46.02	55.59	0-360	100	H
5	34.3659	13.74	Pk	16.3	1.5	31.54	40	-8.46	0-360	100	V
6	60.973	12.56	Pk	18.4	2.1	33.06	40	-6.94	0-360	100	V
7	72.2584	14.14	Pk	14.5	2.3	30.94	40	-9.06	0-360	100	V
8	707.2491	65.08	Pk	25.6	7	97.68	46.02	51.66	0-360	100	V

Pk - Peak detector

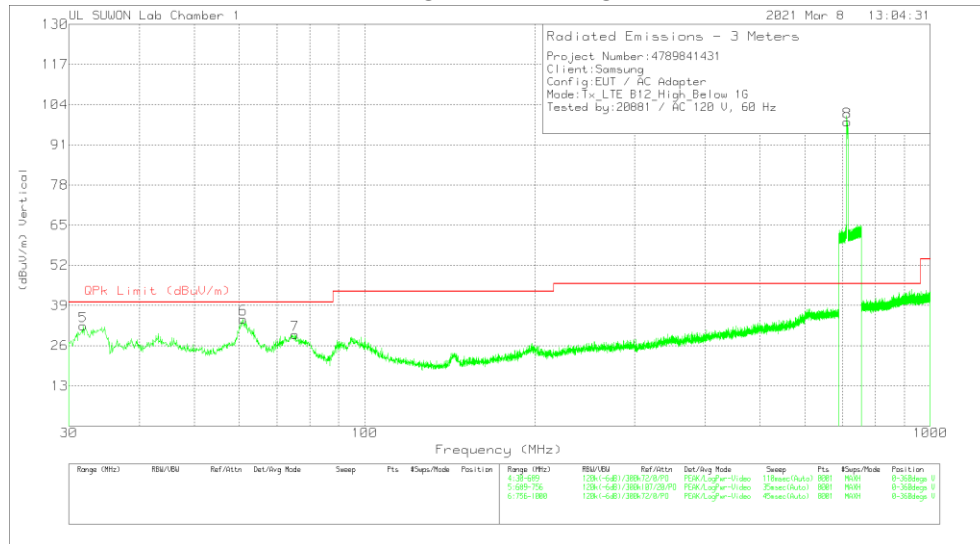
Note: Unwanted emissions captured from 699MHz to 716MHz and from 729MHz to 746MHz were the TX and RX signals generated from the call-simulator.

HIGH CHANNEL(744.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	60.1493	9.13	PK	18.6	2	29.73	40	-10.27	0-360	400	H
2	80.3311	15.33	PK	12.7	2.4	30.43	40	-9.57	0-360	200	H
3	98.9479	9.73	PK	17.4	2.8	29.93	43.52	-13.59	0-360	300	H
4	713.2791	67.92	PK	25.7	7.1	100.72	46.02	54.7	0-360	100	H
5	31.8123	15.1	PK	15.6	1.7	32.4	40	-7.6	0-360	100	V
6	60.973	14.11	PK	18.4	2.1	34.61	40	-5.39	0-360	100	V
7	75.3063	13.86	PK	13.3	2.4	29.56	40	-10.44	0-360	200	V
8	713.388	65.72	PK	25.7	7	98.42	46.02	52.4	0-360	100	V

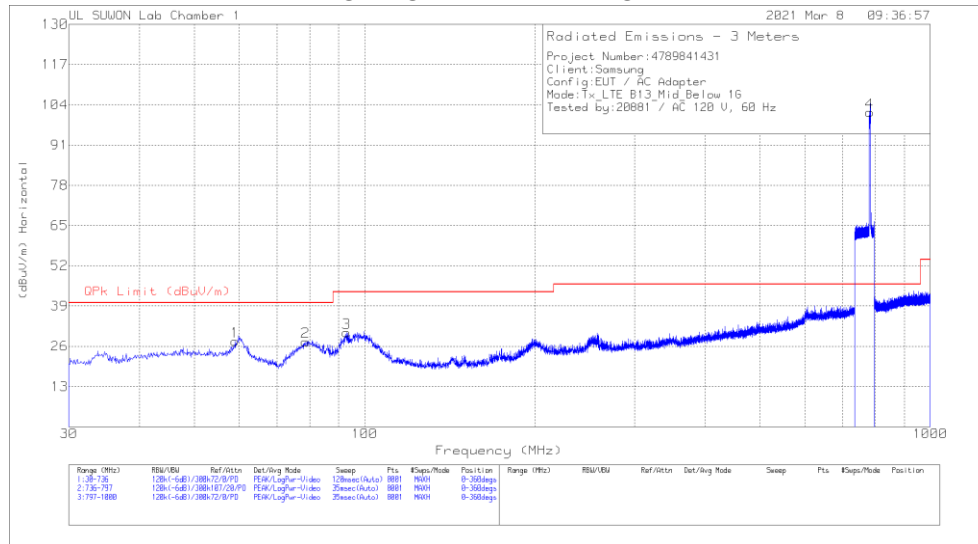
Pk - Peak detector

Note: Unwanted emissions captured from 699MHz to 716MHz and from 729MHz to 746MHz were the TX and RX signals generated from the call-simulator.

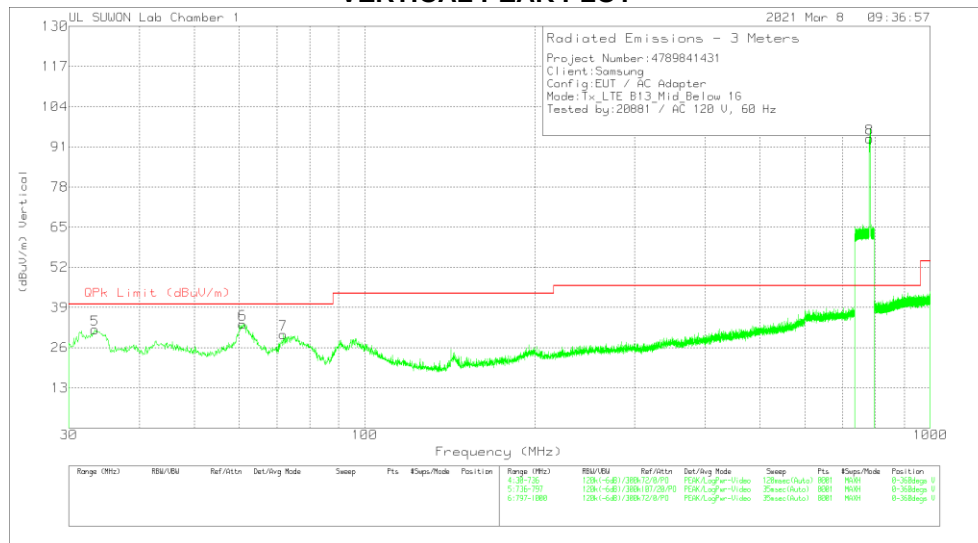
7.11. Below 1 GHz in the LTE Band 13

MID CHANNEL(751.0 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.0343	6.82	Pk	18.8	2	27.62	40	-12.38	0-360	400	H
2	78.6258	12.38	Pk	12.6	2.5	27.48	40	-12.52	0-360	200	H
3	92.9223	11.63	Pk	16.2	2.6	30.43	43.52	-13.09	0-360	300	H
4	782.0626	67.52	Pk	26.7	7.3	101.52	46.02	55.5	0-360	100	H
5	33.3535	14.34	Pk	15.9	1.6	31.84	40	-8.16	0-360	100	V
6	60.8875	13.02	Pk	18.4	2.2	33.62	40	-6.38	0-360	100	V
7	71.8305	13.3	Pk	14.7	2.3	30.3	40	-9.7	0-360	100	V
8	782.0169	59.67	Pk	26.7	7.3	93.67	46.02	47.65	0-360	200	V

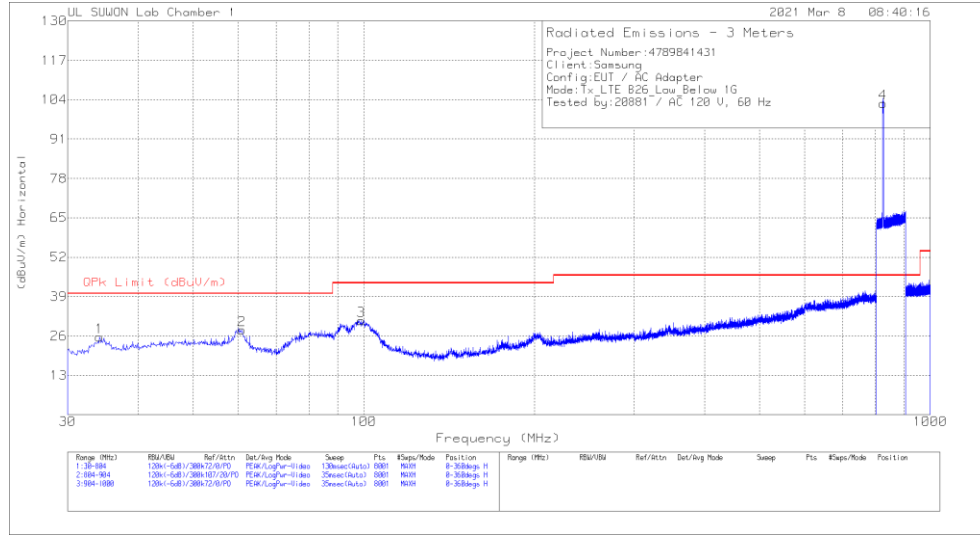
Pk - Peak detector

Note: Unwanted emissions captured from 777MHz to 787MHz and from 746MHz to 756MHz were the TX and RX signals generated from the call-simulator.

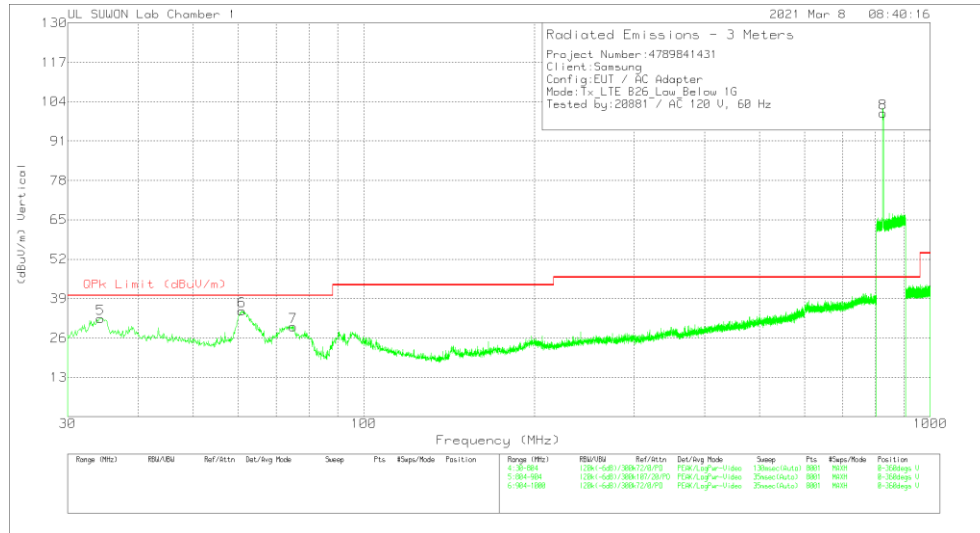
7.12. Below 1 GHz in the LTE Band 26

LOW CHANNEL(860.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

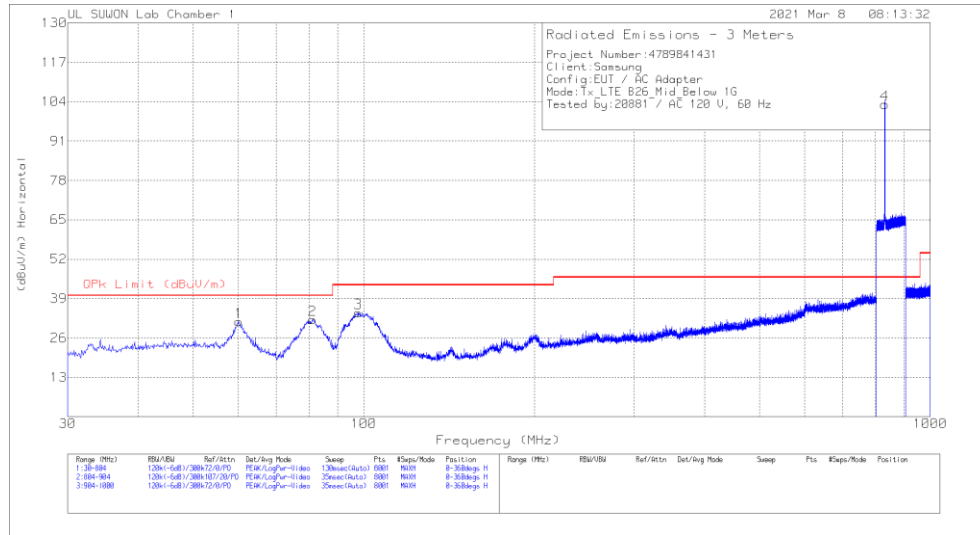
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	34.1603	7.75	Pk	16.3	1.6	25.65	40	-14.35	0-360	300	H
2	60.96	7.47	Pk	18.4	2.1	27.97	40	-12.03	0-360	400	H
3	98.886	10.94	Pk	17.4	2.7	31.04	43.52	-12.48	0-360	300	H
4	825.4875	68.18	Pk	27.1	7.5	102.78	46.02	56.76	0-360	100	H
5	34.257	14.48	Pk	16.3	1.7	32.48	40	-7.52	0-360	100	V
6	60.96	14.43	Pk	18.4	2.1	34.93	40	-5.07	0-360	100	V
7	74.9888	14.16	Pk	13.4	2.2	29.76	40	-10.24	0-360	100	V
8	825.5	65.67	Pk	27.1	7.5	100.27	46.02	54.25	0-360	100	V

Pk - Peak detector

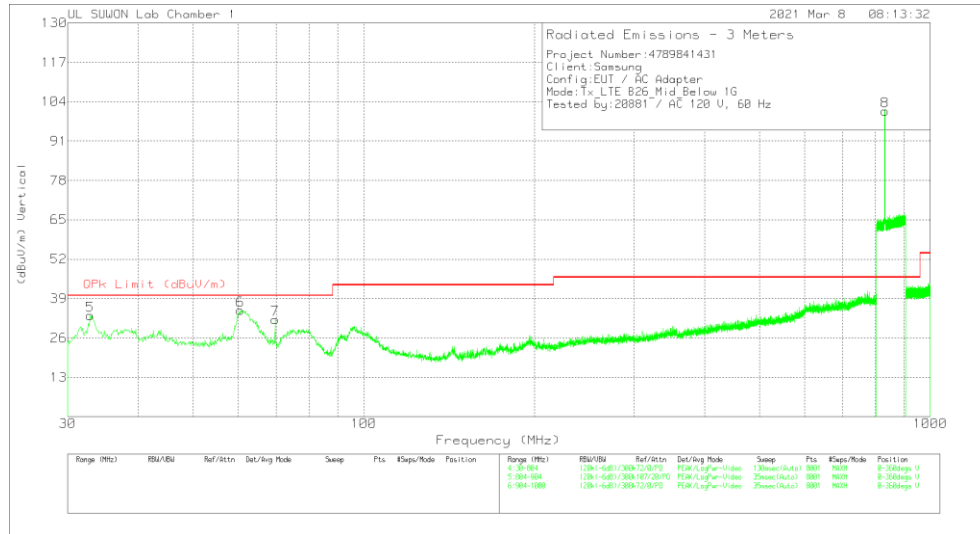
Note: Unwanted emissions captured from 814MHz to 849MHz and from 849MHz to 859MHz were the TX and RX signals generated from the call-simulator.

MID CHANNEL(876.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

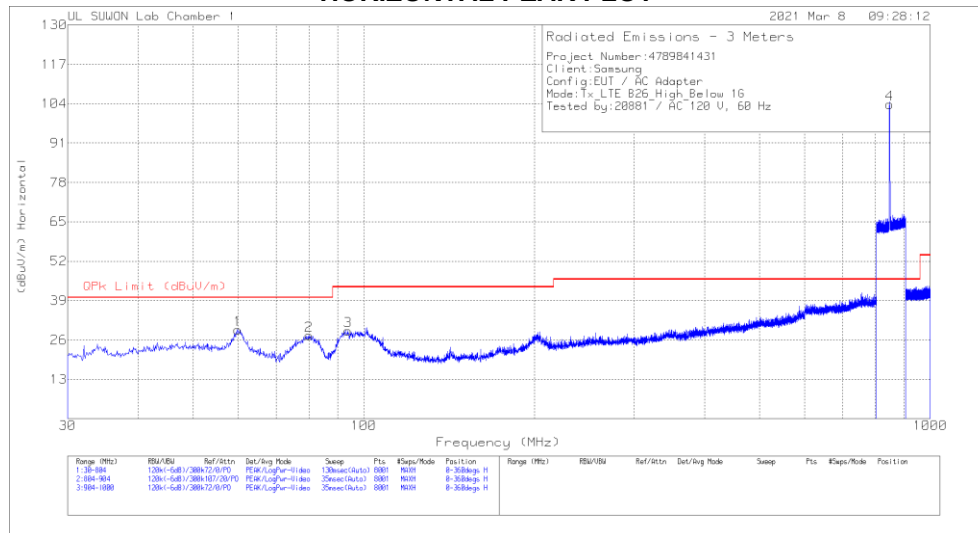
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	60.186	10.73	PK	18.6	2.1	31.43	40	-8.57	0-360	400	H
2	81.1808	16.79	PK	12.8	2.5	32.09	40	-7.91	0-360	200	H
3	97.725	14.68	PK	17.2	2.5	34.38	43.52	-9.14	0-360	300	H
4	831.525	68.53	PK	27	7.6	103.13	46.02	57.11	0-360	100	H
5	32.9025	16.1	PK	15.8	1.5	33.4	40	-6.6	0-360	100	V
6	60.4763	14.37	PK	18.5	2.1	34.97	40	-5.03	0-360	100	V
7	69.7643	14.45	PK	15.5	2.2	32.15	40	-7.85	0-360	100	V
8	831.6375	66.33	PK	27	7.6	100.93	46.02	54.91	0-360	100	V

PK - Peak detector

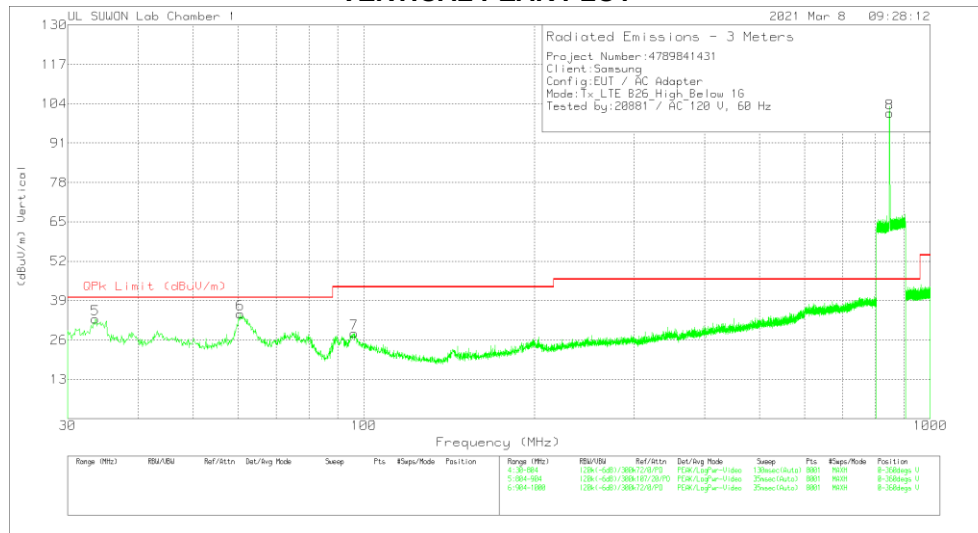
Note: Unwanted emissions captured from 814MHz to 849MHz and from 849MHz to 859MHz were the TX and RX signals generated from the call-simulator.

HIGH CHANNEL(892.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.8958	8.73	PK	18.6	2.1	29.43	40	-10.57	0-360	400	H
2	80.0198	12.29	PK	12.6	2.6	27.49	40	-12.51	0-360	200	H
3	93.7583	9.99	PK	16.4	2.6	28.99	43.52	-14.53	0-360	200	H
4	847.5625	68.72	PK	27.4	7.6	103.72	46.02	57.7	0-360	100	H
5	33.5798	15.41	PK	16	1.6	33.01	40	-6.99	0-360	100	V
6	60.573	14.01	PK	18.5	2.1	34.61	40	-5.39	0-360	100	V
7	96.0803	8.83	PK	16.8	2.6	28.23	43.52	-15.29	0-360	100	V
8	847.475	66	PK	27.3	7.6	100.9	46.02	54.88	0-360	100	V

PK - Peak detector

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

END OF TEST REPORT