



CERTIFICATION TEST REPORT

Report Number. : 4789555428-E1V2

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

Model : SM-G781B/DS, SM-G781B

FCC ID : A3LSMG781B

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:
August 24, 2020

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REPORT REVISION HISTORY

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V1	08/14/20	Initial issue	Yeonhee Lim
V2	08/24/20	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 Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax, WPT and NFC
MODEL NUMBER: SM-G781B/DS, SM-G781B
SERIAL NUMBER: R3CN704KACH (RADIATED);
DATE TESTED: JUL 29, 2020;

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:



Yeonhee Lim
Suwon Lab Technician
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	
<input type="checkbox"/>	Chamber 1
<input checked="" type="checkbox"/>	Chamber 2
<input type="checkbox"/>	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:

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

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

(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	3.49 dB
Radiated Disturbance, 1 GHz to 18 GHz	5.82 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-G781B/DS and SM-G781B. These models are identical in hardware except SM-G781B has single SIM tray. With some pre-scan, model SM-G781B/DS 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

- Worst Axis condition

Band	X	Y	Z
GSM850	-	-	O
WCDMA B5	-	-	O
LTE B5	-	-	O
LTE B12	O	-	-
LTE B13	O	-	-
LTE B26	-	-	O

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.

5.4. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Charger	SAMSUNG	EP-TA200	R37MCQS5HH1DK3	N/A
Data Cable	SAMSUNG	EP-DR140ABE	N/A	N/A

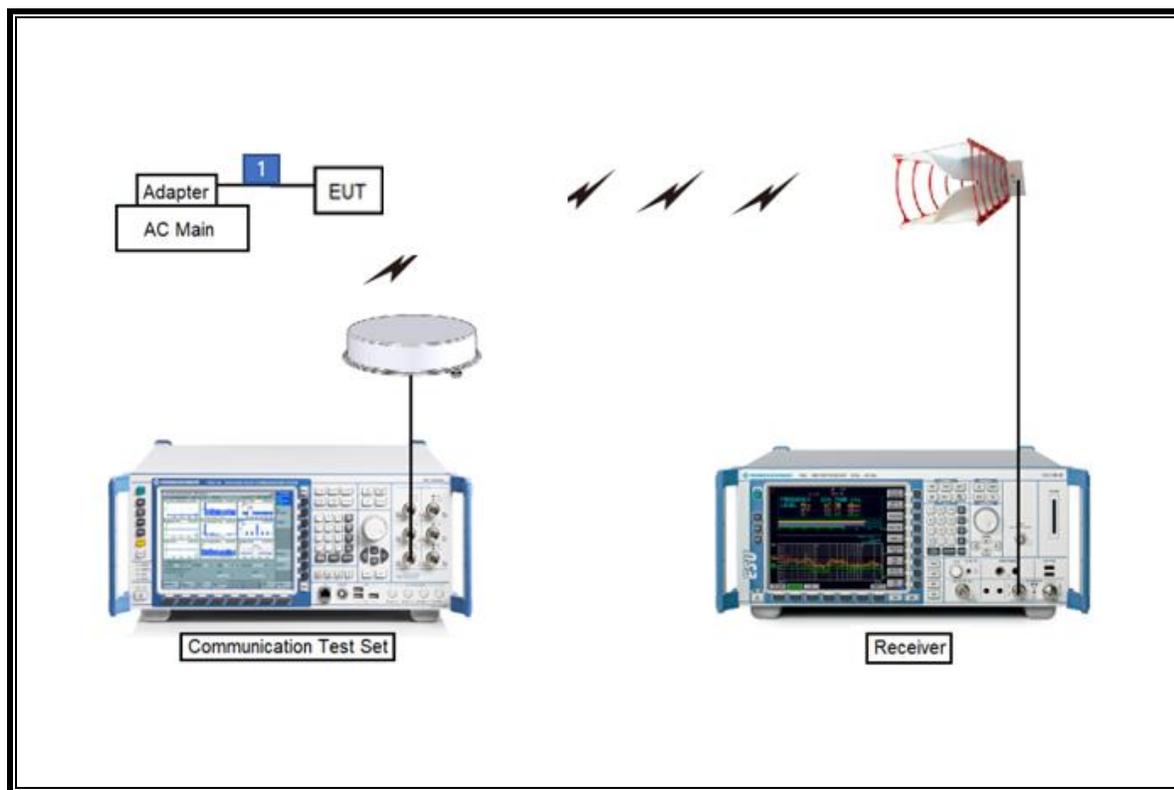
I/O CABLE

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	1.1m	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	Next Cal. Date	
Antenna, Tuned Dipole 400~1000 MHz	ETS	3121D DB4	00164753	01-31-21	
Antenna, Horn, 40 GHz	ETS	3116C	00166155	08-13-20	08-04-22
Preamplifier	ETS	3116C-PA	00168841	08-08-20	08-06-21
Antenna, Horn, 40 GHz	ETS	3116C	00168645	10-02-21	
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	845(Note1)	08-04-20	08-13-22
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	749(Note1)	08-04-20	08-13-22
Antenna, Horn, 18 GHz	ETS	3115	00167211	08-04-20	07-27-22
Antenna, Horn, 18 GHz	ETS	3117	00168724	08-04-20	07-27-22
Communications Test Set	R&S	CMW500	115331	08-05-20	08-03-21
Preamplifier, 1000 MHz	Sonoma	310N	341282	08-05-20	08-03-21
Preamplifier, 1000 MHz	Sonoma	310N	351741	08-05-20	08-03-21
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1876511	08-06-20	08-03-21
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1896138	08-06-20	08-03-21
EMI Test Receive, 40 GHz	R&S	ESU40	100439	08-06-20	08-03-21
EMI Test Receive, 40 GHz	R&S	ESU40	100457	08-06-20	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	08-05-20	08-05-21
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G006	08-05-20	08-05-21
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	010	08-05-20	08-05-21
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	011	08-05-20	08-05-21
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G001	08-05-20	08-05-21
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G002	08-05-20	08-05-21
Attenuator	PASTERNAK	PE7087-10	A009	08-08-20	08-05-21
Attenuator	PASTERNAK	PE7087-10	A001	08-08-20	08-03-21
Attenuator	PASTERNAK	PE7087-10	A008	08-08-20	08-03-21
Attenuator	PASTERNAK	PE7087-10	A007	08-08-20	08-03-21
Attenuator	PASTERNAK	PE7395-10	A011	08-08-20	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		

Note. The above antenna was not used for testing from August 4th to August 13th.

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:

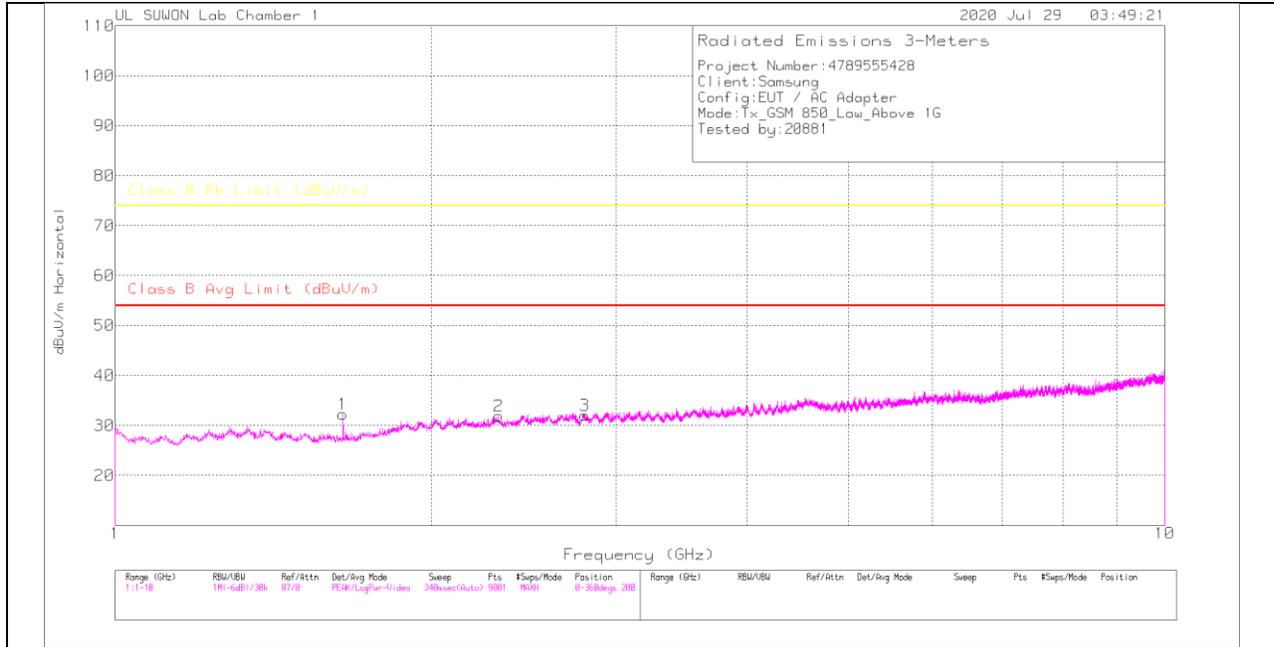
Limits for radiated disturbance of Class B ITE at measuring distance of 3 m	
Frequency range (MHz)	Quasi-peak limits (dB μ V/m)
30 to 88	40
88 to 216	43.5
216 to 960	46
Above 960 MHz	54

Note: The lower limit shall apply at the transition frequency.

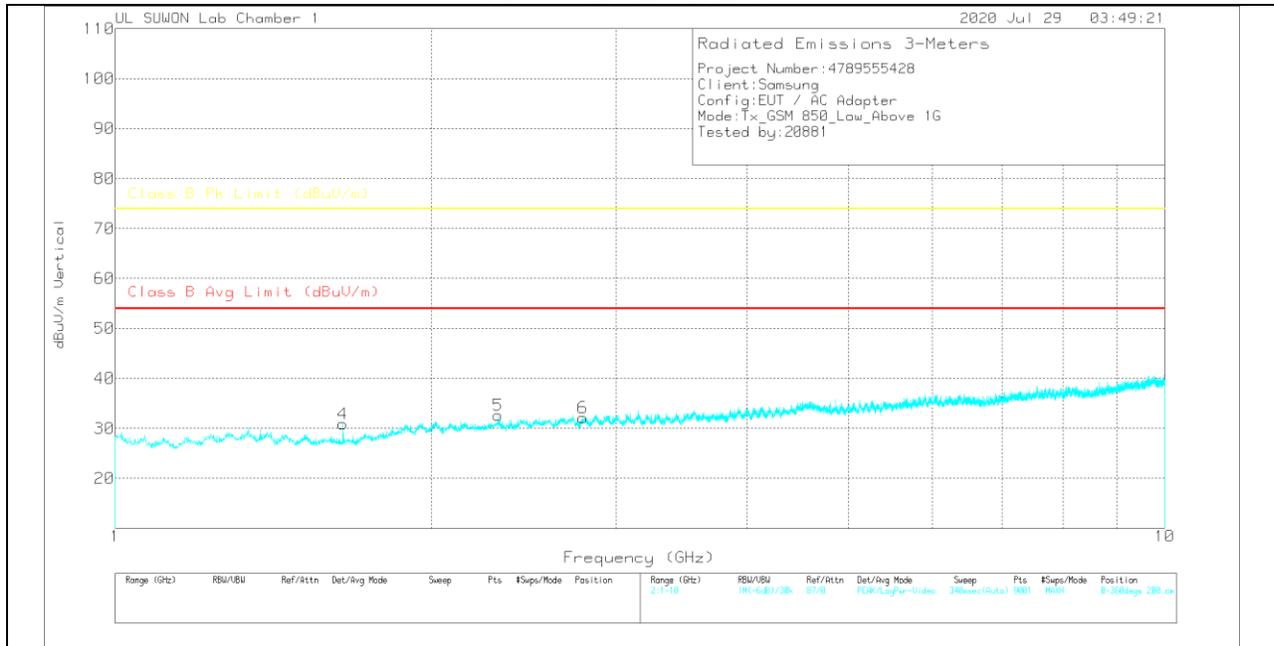
7.1. Above 1 GHz in the GSM850

LOW CHANNEL(869.2 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

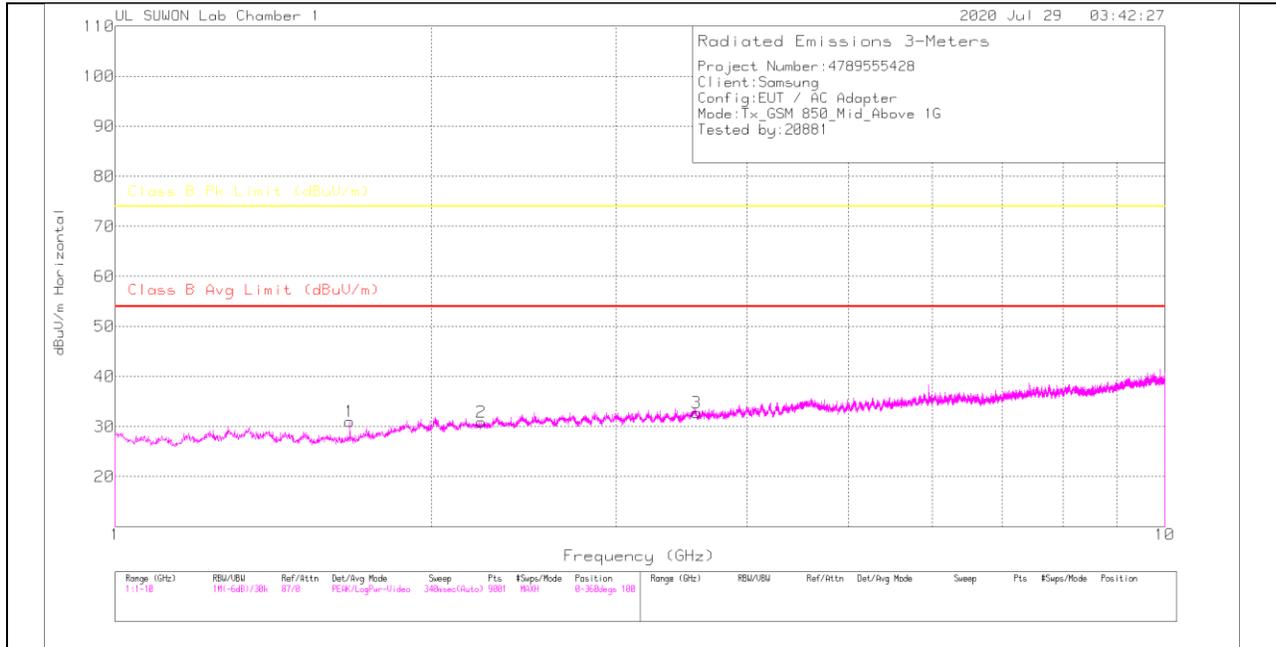
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	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 (m)	Polarity
1	1.648	39.94	PK	28.3	-36.6	.6	32.24	-	-	74	-41.76	0-360	200	H
2	2.319	34.97	PK	31.5	-35.4	.8	31.87	-	-	74	-42.13	0-360	200	H
3	2.803	33.63	PK	32.2	-34.4	.6	32.03	-	-	74	-41.97	0-360	100	H
4	1.648	38.56	PK	28.3	-36.6	.6	30.86	-	-	74	-43.14	0-360	200	V
5	2.316	35.69	PK	31.5	-35.4	.8	32.59	-	-	74	-41.41	0-360	200	V
6	2.791	33.85	PK	32.2	-34.4	.5	32.15	-	-	74	-41.85	0-360	100	V

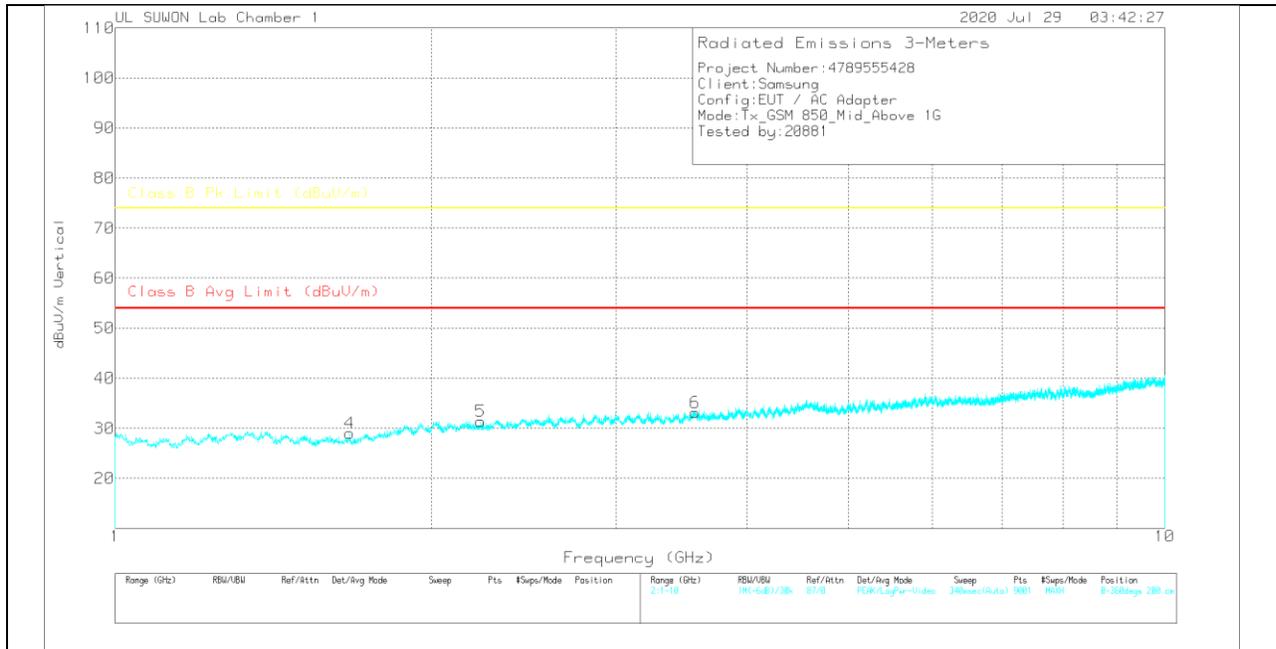
PK-Peak Detector

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

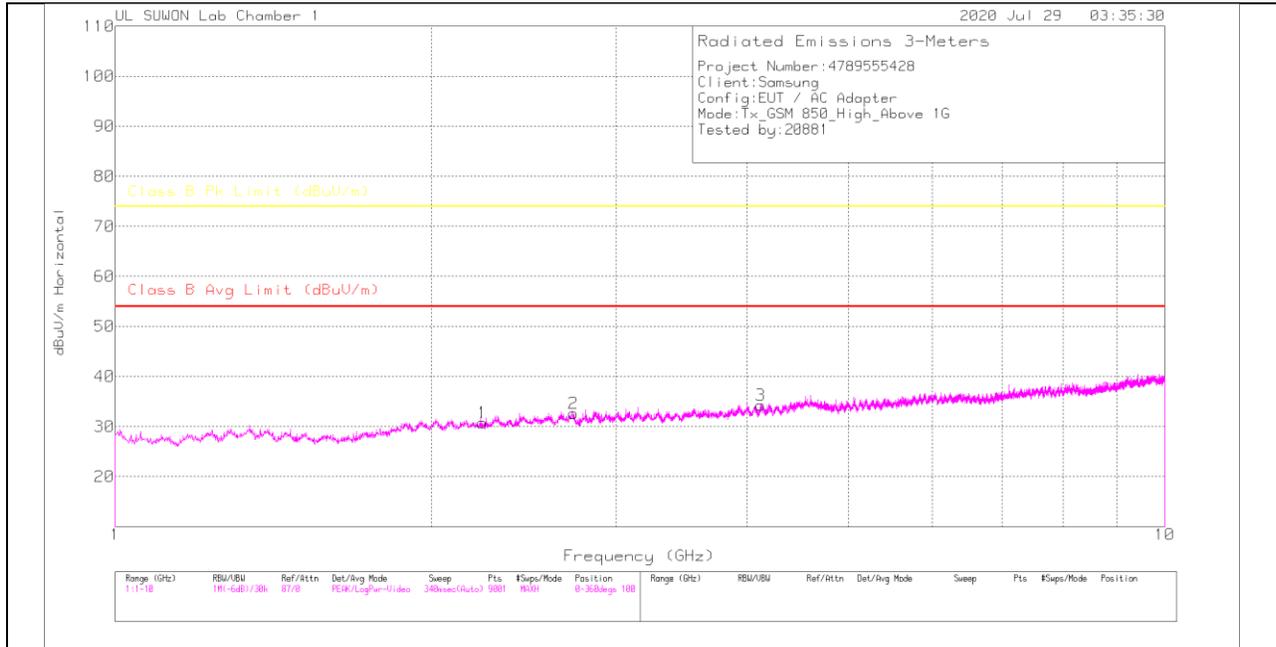
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	Corrected Reading (dBu/m)	Class B Avg Limit (dBu/m)	Avi(CISPR)Margin (dB)	Class B Pt. Limit (dBu/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.673	38.54	PK	28.4	-36.4	.5	31.04	-	-	74	-42.96	0-360	200	H
2	2.233	34.93	PK	31.3	-35.7	.4	30.93	-	-	74	-43.07	0-360	100	H
3	3.579	32.67	PK	33.1	-33.5	.5	32.77	-	-	74	-41.23	0-360	100	H
4	1.673	36.47	PK	28.4	-36.4	.5	28.97	-	-	74	-45.03	0-360	100	V
5	2.23	35.29	PK	31.3	-35.6	.4	31.39	-	-	74	-42.61	0-360	100	V
6	3.5695	33	PK	33.1	-33.5	.5	33.1	-	-	74	-40.9	0-360	100	V

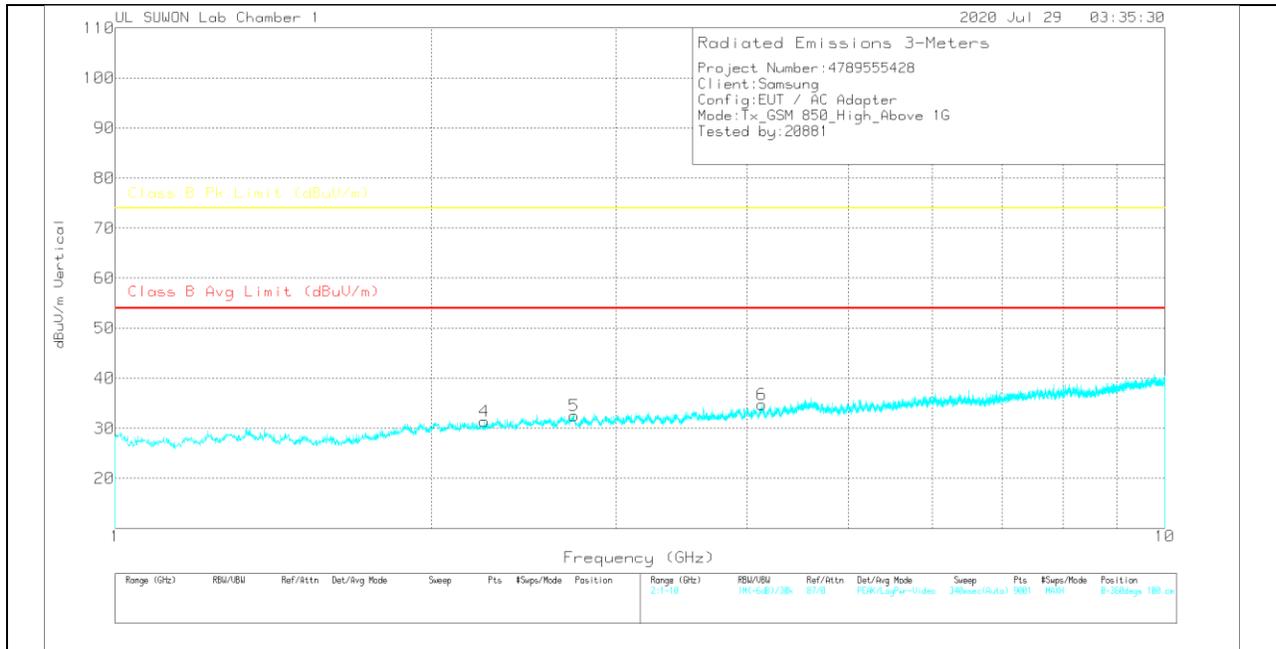
PK – Peak Detector

HIGH CHANNEL(893.8 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

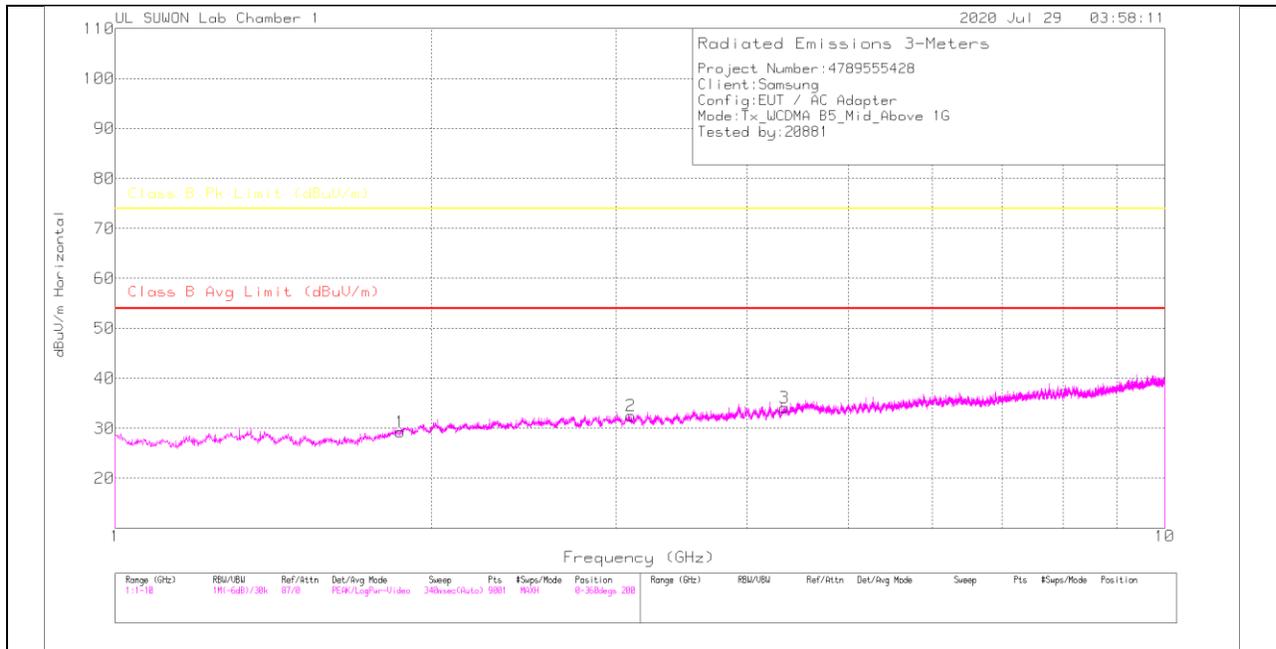
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1	2.237	34.67	PK	31.3	-35.6	.4	30.77	-	-	74	-43.23	0-360	100	H
2	2.732	34.32	PK	32.1	-34.5	.7	32.62	-	-	74	-41.38	0-360	200	H
3	4.119	32.87	PK	33.6	-32.6	.4	34.27	-	-	74	-39.73	0-360	200	H
4	2.248	35.06	PK	31.4	-35.5	.4	31.36	-	-	74	-42.64	0-360	100	V
5	2.737	34.19	PK	32.1	-34.4	.6	32.49	-	-	74	-41.51	0-360	200	V
6	4.13	33.27	PK	33.6	-32.5	.4	34.77	-	-	74	-39.23	0-360	200	V

PK – Peak Detector

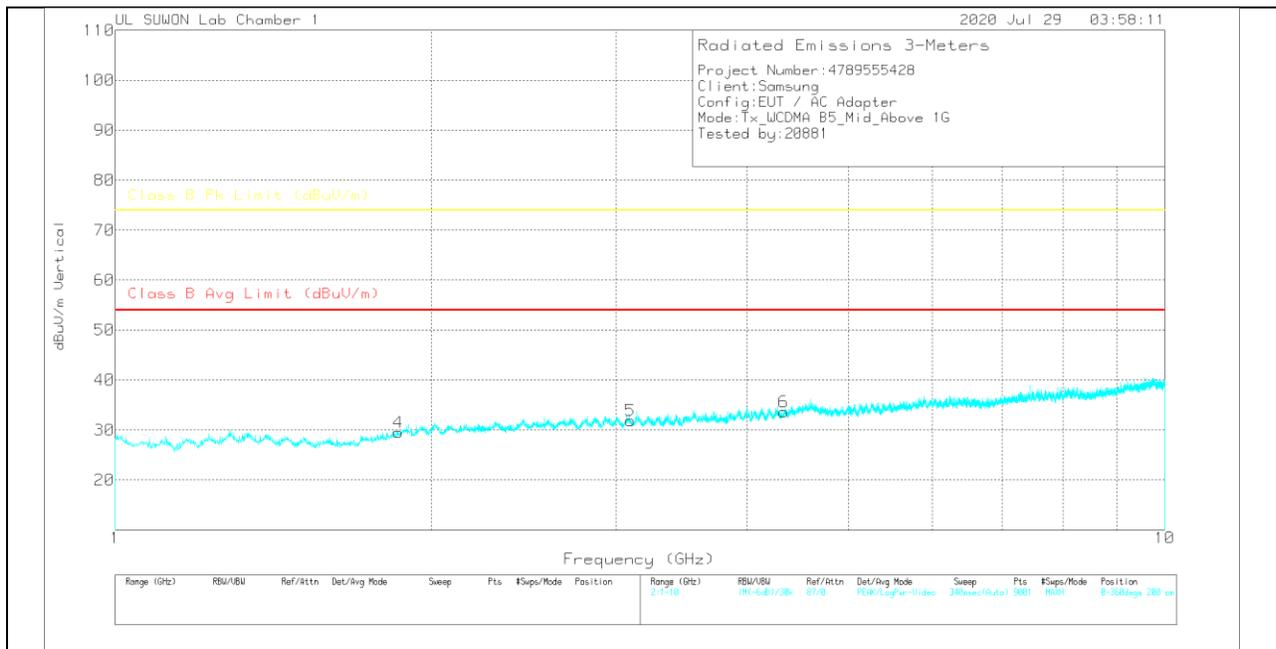
7.2. Above 1 GHz in the WCDMA Band 5

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

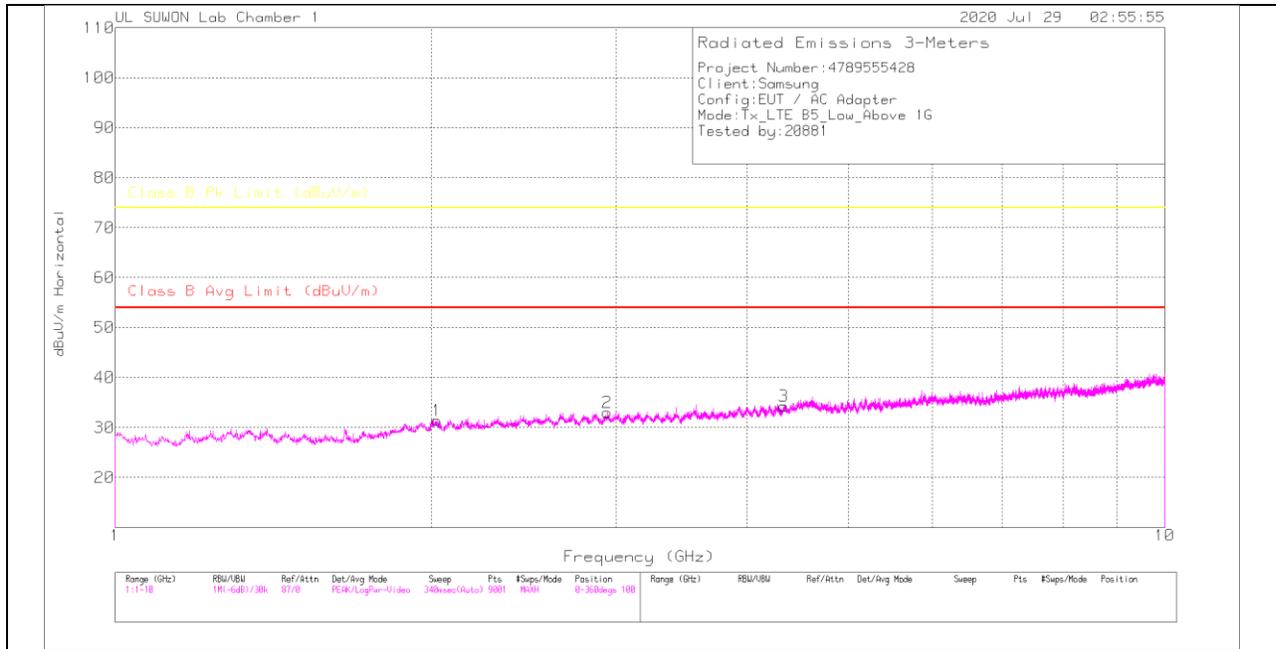
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1	1.868	34.35	PK	30.4	-36.2	.7	29.25	-	-	74	-44.75	0-360	200	H
2	3.101	33.17	PK	32.7	-34	.7	32.57	-	-	74	-41.43	0-360	200	H
3	4.338	32.33	PK	34	-32.6	.4	34.13	-	-	74	-39.87	0-360	100	H
4	1.862	34.67	PK	30.3	-36.1	.7	29.57	-	-	74	-44.43	0-360	200	V
5	3.096	32.44	PK	32.7	-34	.7	31.84	-	-	74	-42.16	0-360	200	V
6	4.333	31.83	PK	34	-32.6	.4	33.63	-	-	74	-40.37	0-360	200	V

PK – Peak Detector

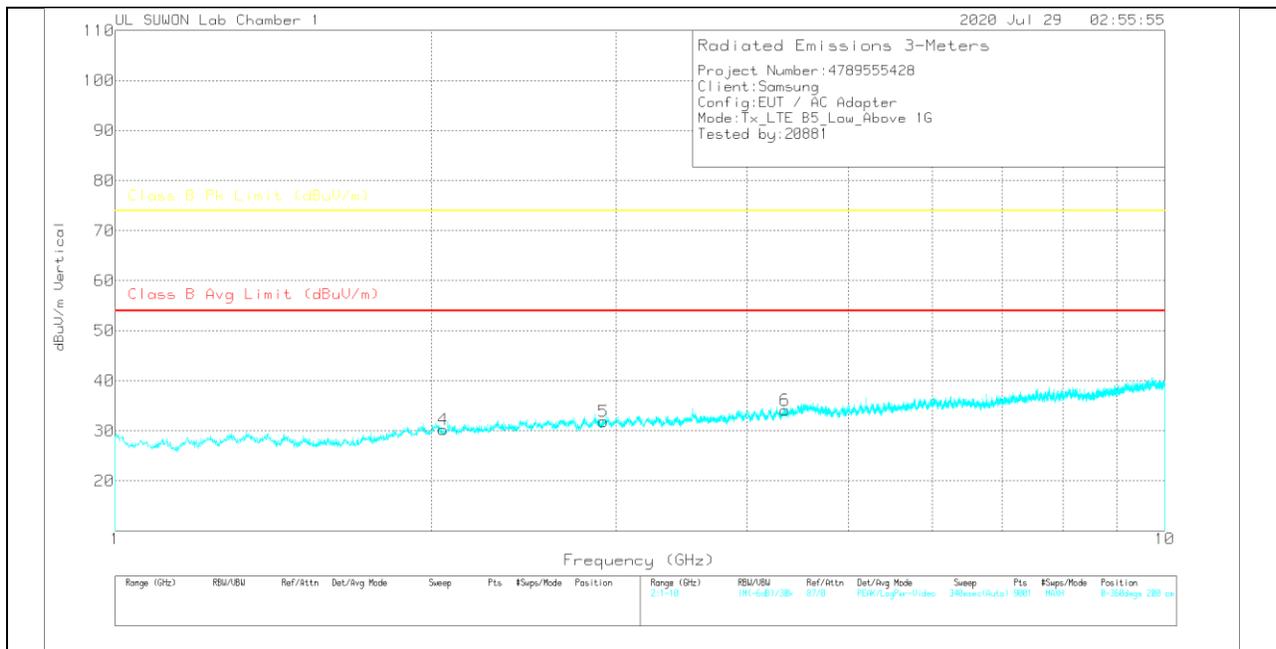
7.3. Above 1 GHz in the LTE Band 5

LOW CHANNEL(870.5MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

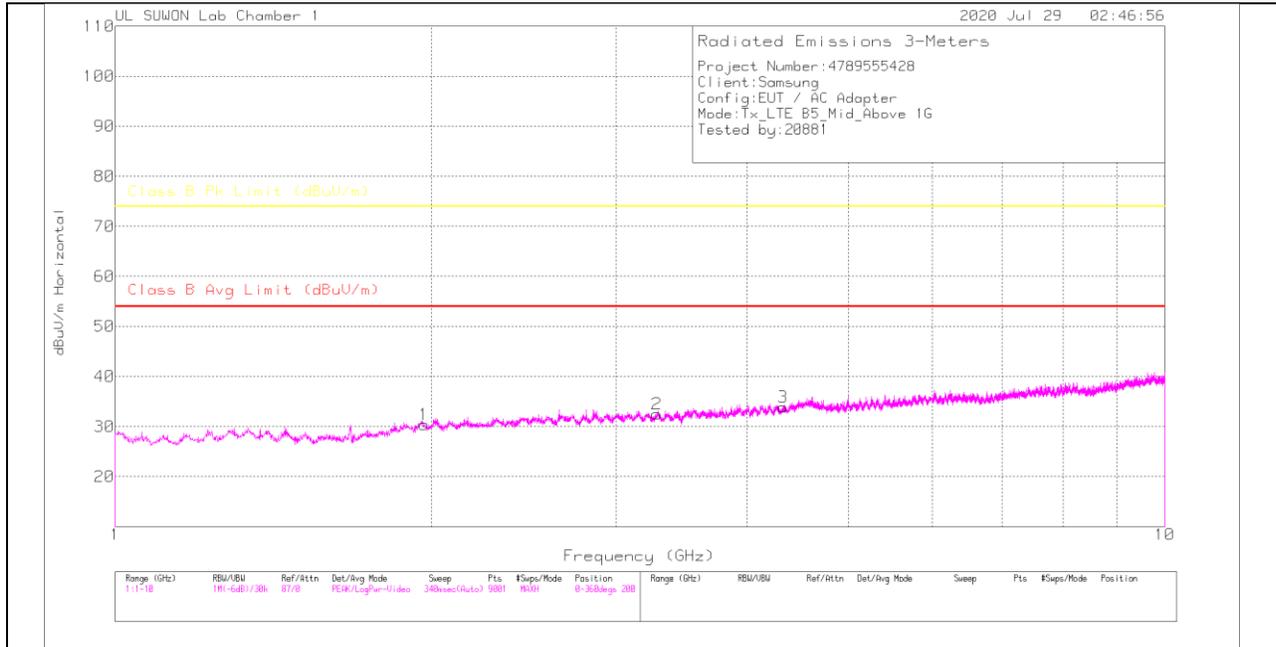
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	Corrected Reading (dBu/m)	Class B Avg Limit (dBu/m)	Avi(CISPR)Margin (dB)	Class B Pk Limit (dBu/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.026	35.25	PK	31.3	-35.8	.6	31.35	-	-	74	-42.65	0-360	200	H
2	2.943	34.21	PK	32.4	-34.2	.6	33.01	-	-	74	-40.99	0-360	100	H
3	4.336	32.45	PK	34	-32.6	.4	34.25	-	-	74	-39.75	0-360	100	H
4	2.053	33.95	PK	31.3	-35.6	.6	30.25	-	-	74	-43.75	0-360	100	V
5	2.92	33.08	PK	32.3	-34.1	.6	31.88	-	-	74	-42.12	0-360	200	V
6	4.349	32.28	PK	34	-32.6	.4	34.08	-	-	74	-39.92	0-360	200	V

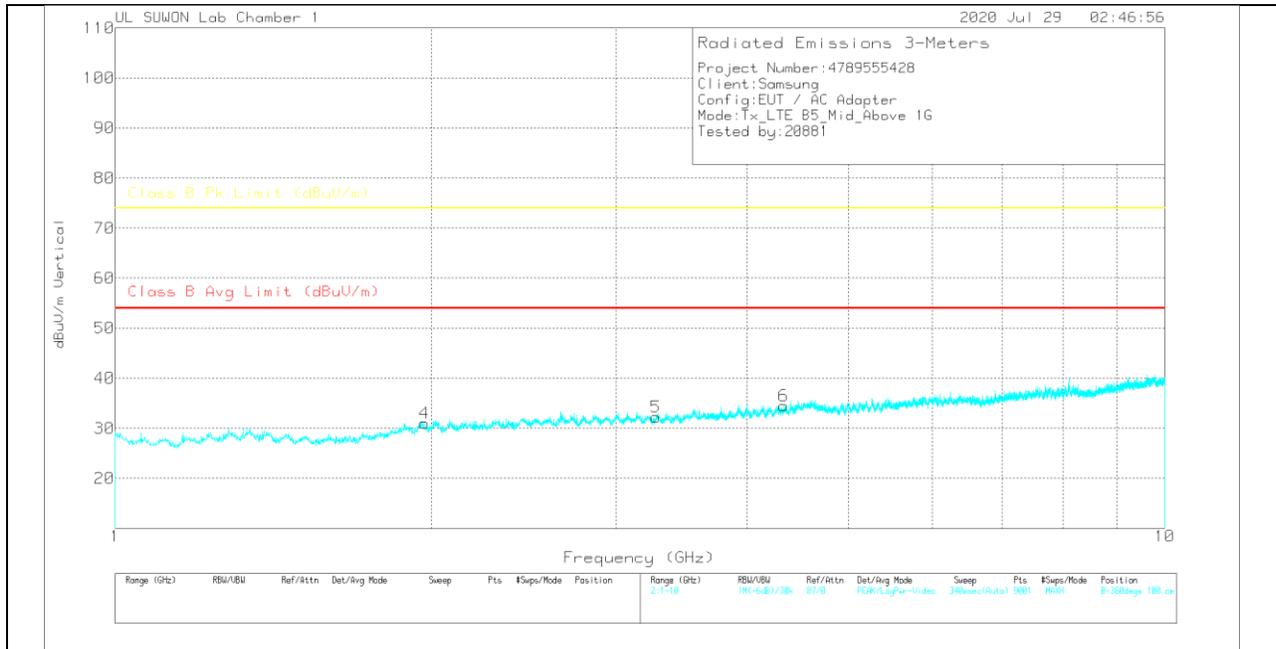
PK – Peak Detector

MID CHANNEL(881.5MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

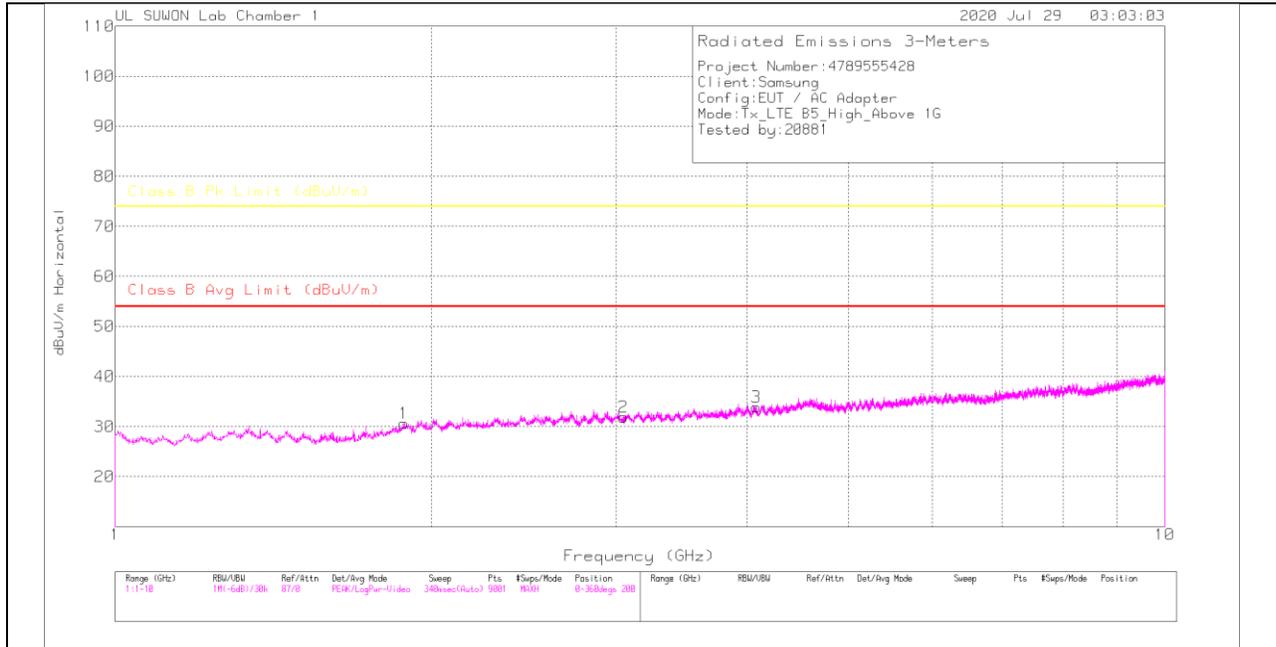
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	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	1.968	34.54	PK	31.2	-35.8	.5	30.44	-	-	74	-43.56	0-360	200	H
2	3.281	33.07	PK	32.7	-33.9	.7	32.57	-	-	74	-41.43	0-360	100	H
3	4.328	32.13	PK	34	-32.6	.4	33.93	-	-	74	-40.07	0-360	100	H
4	1.971	35.12	PK	31.2	-35.8	.5	31.02	-	-	74	-42.98	0-360	100	V
5	3.274	32.82	PK	32.7	-33.9	.7	32.32	-	-	74	-41.68	0-360	100	V
6	4.333	32.67	PK	34	-32.6	.4	34.47	-	-	74	-39.53	0-360	100	V

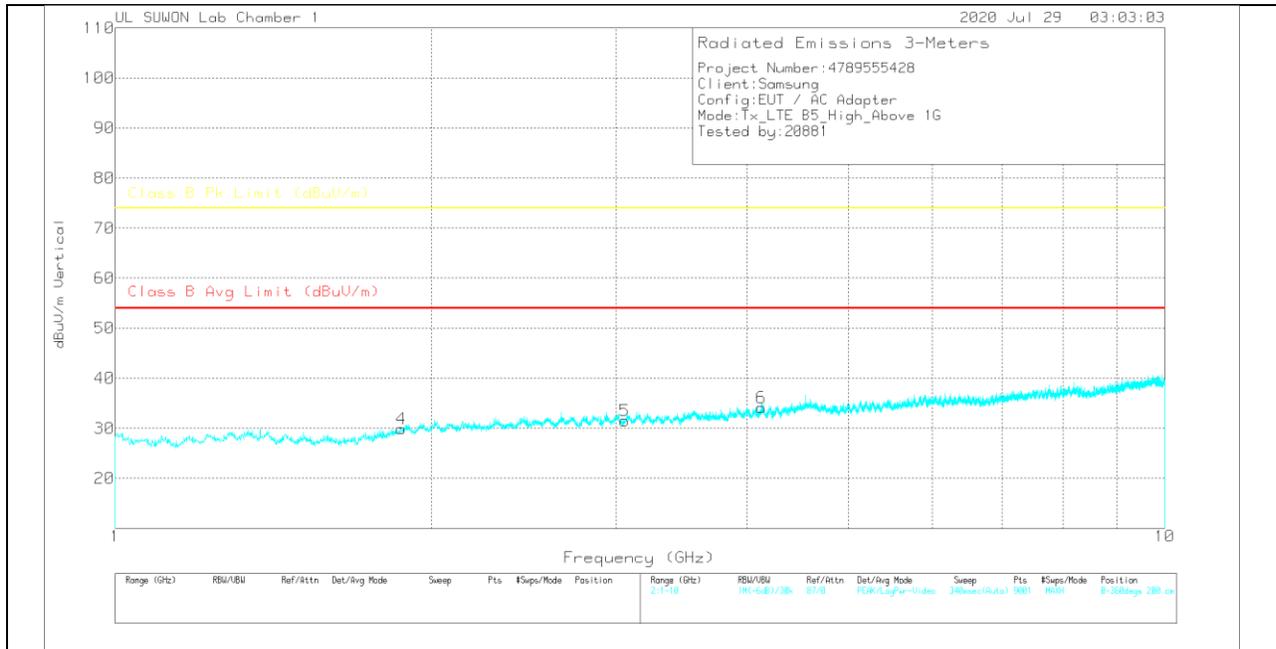
PK – Peak Detector

HIGH CHANNEL(892.5MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

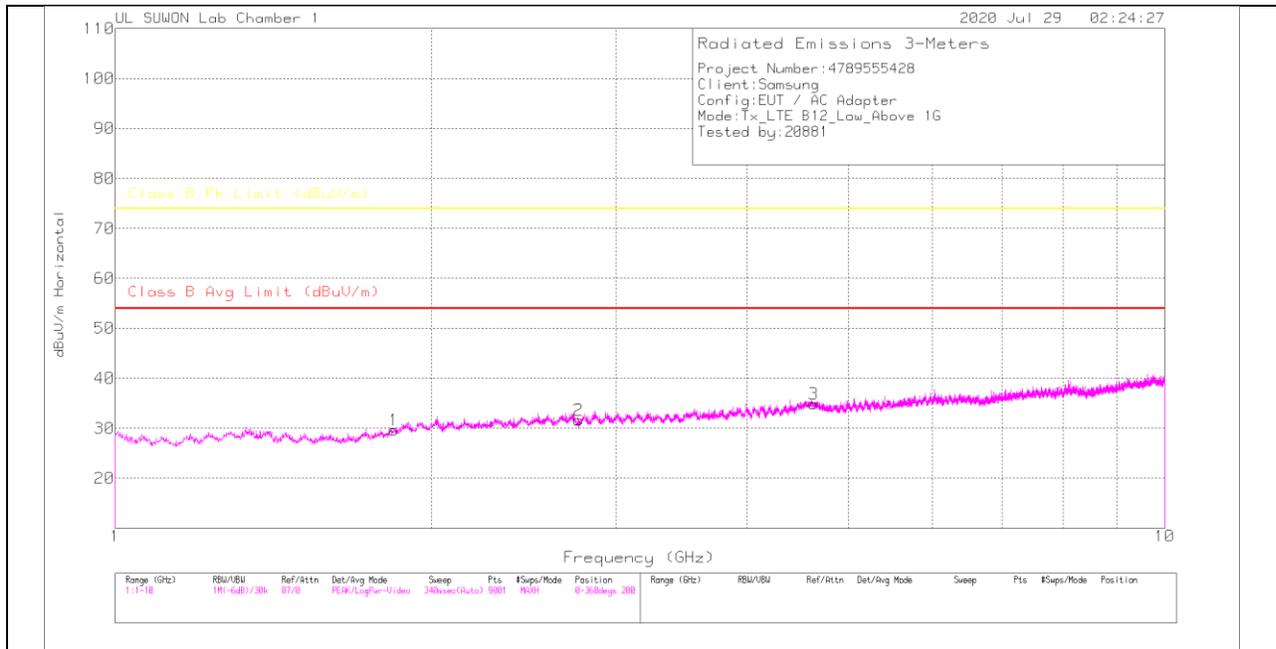
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
1	1.885	35.4	PK	30.6	-36	.7	30.7	-	-	74	-43.3	0-360	200	H
2	3.048	32.56	PK	32.6	-33.9	.6	31.86	-	-	74	-42.14	0-360	200	H
3	4.083	32.64	PK	33.6	-32.7	.4	33.94	-	-	74	-40.06	0-360	200	H
4	1.874	35.03	PK	30.4	-36.2	.7	29.93	-	-	74	-44.07	0-360	100	V
5	3.056	32.34	PK	32.6	-34	.6	31.54	-	-	74	-42.46	0-360	100	V
6	4.124	32.61	PK	33.6	-32.5	.4	34.11	-	-	74	-38.89	0-360	200	V

PK – Peak Detector

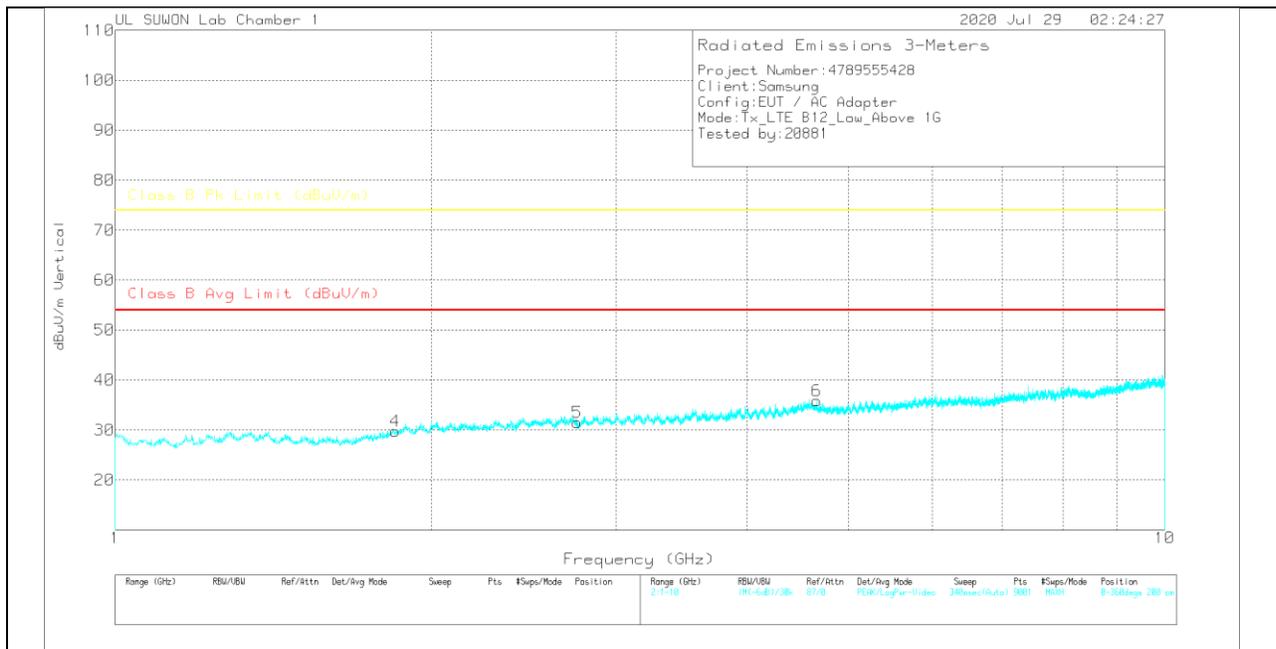
7.4. Above 1 GHz in the LTE Band 12

LOW CHANNEL(730.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

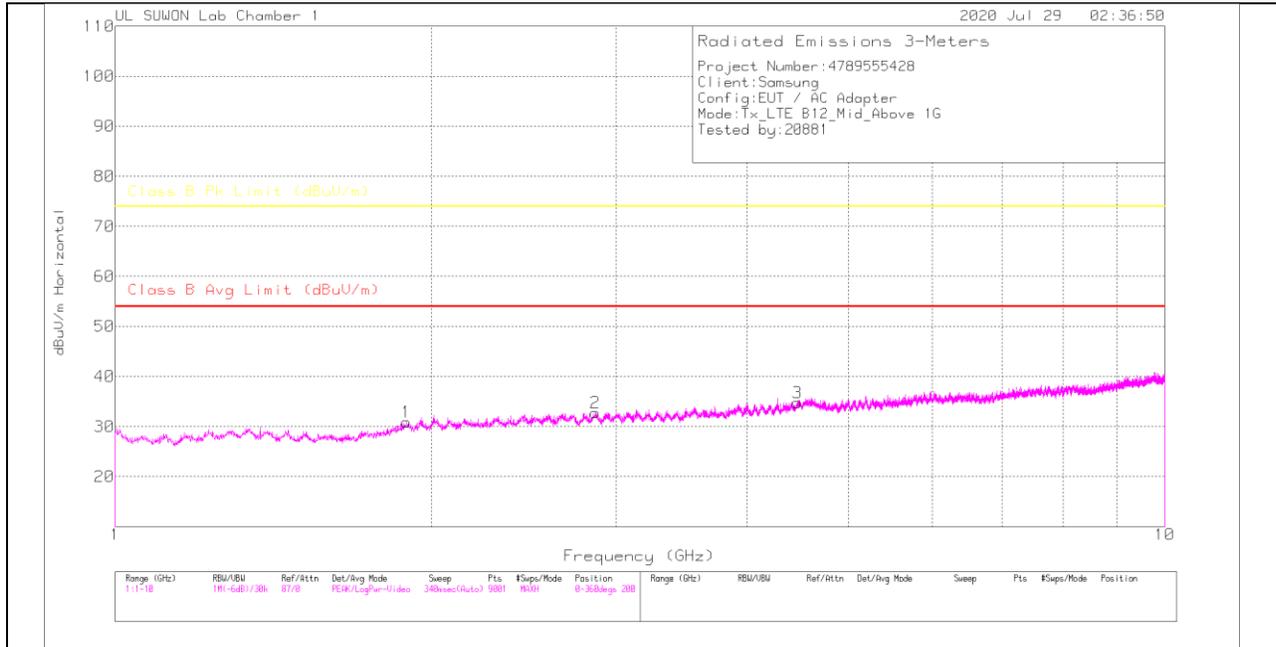
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBu/Hz	Class B Avg Limit (dBuV/m)	Avi(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.843	35.15	PK	30.1	-36.2	.6	29.65	-	-	74	-44.35	0-360	100	H
2	2.763	33.3	PK	32.2	-34.3	.4	31.6	-	-	74	-42.4	0-360	100	H
3	4.631	32.5	PK	34.2	-32.2	.4	34.9	-	-	74	-39.1	0-360	200	H
4	1.848	35.15	PK	30.2	-36.2	.6	29.75	-	-	74	-44.25	0-360	100	V
5	2.755	33.25	PK	32.1	-34.3	.5	31.55	-	-	74	-42.45	0-360	200	V
6	4.66	33.56	PK	34.2	-32.3	.4	35.86	-	-	74	-38.14	0-360	100	V

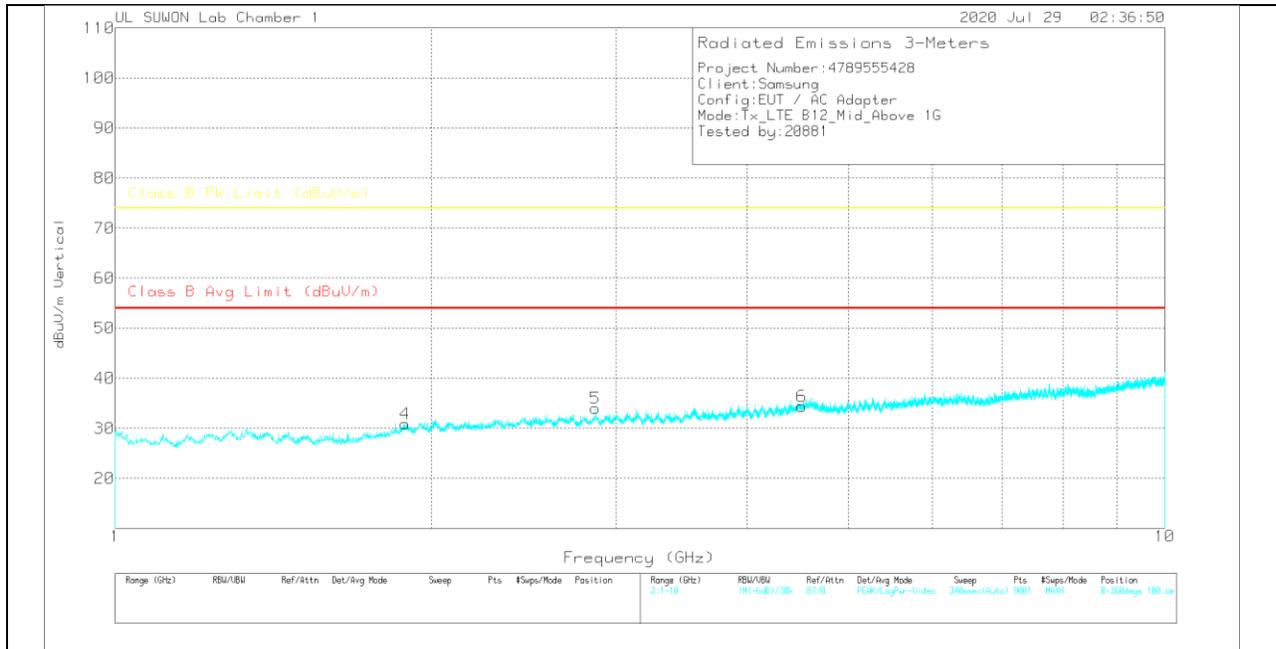
PK – Peak Detector

MID CHANNEL(737.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

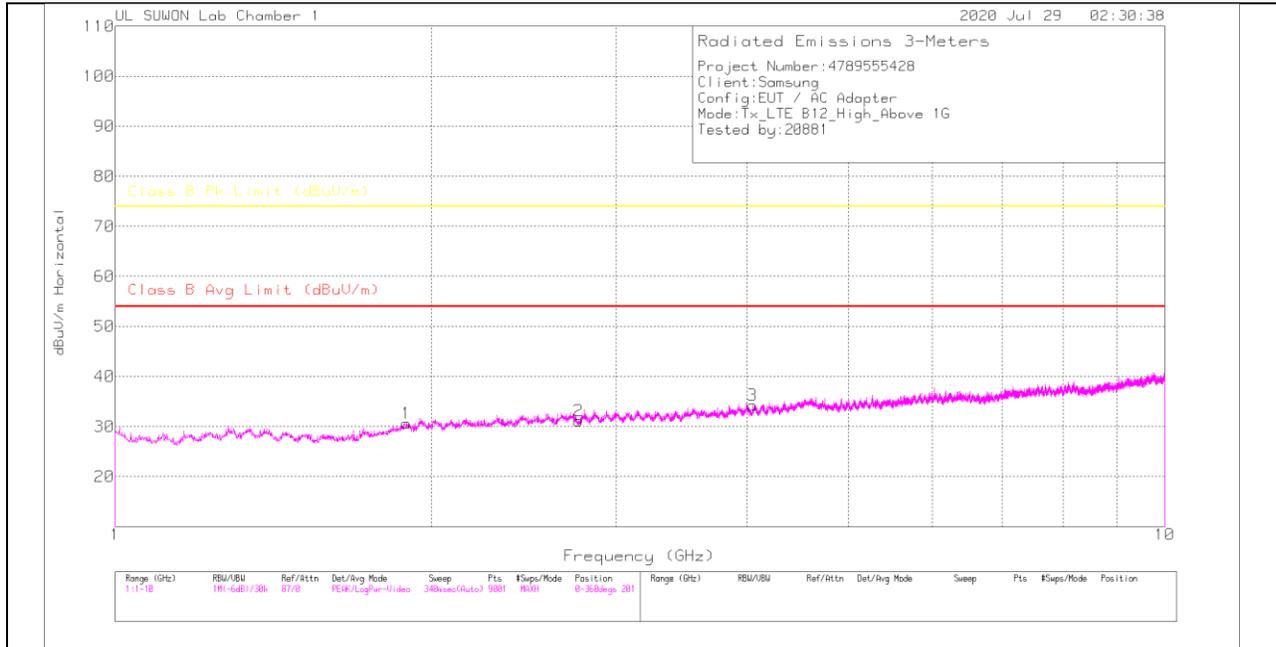
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	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 (m)	Polarity
1	1.894	35.5	PK	30.7	-36	.7	30.9	-	-	74	-43.1	0-360	200	H
2	2.867	33.9	PK	32.3	-34.2	.8	32.8	-	-	74	-41.2	0-360	100	H
3	4.465	32.43	PK	34.2	-32.3	.4	34.73	-	-	74	-39.27	0-360	100	H
4	1.888	35.65	PK	30.6	-36.1	.7	30.85	-	-	74	-43.15	0-360	100	V
5	2.867	35.13	PK	32.3	-34.2	.8	34.03	-	-	74	-39.97	0-360	200	V
6	4.508	32.05	PK	34.2	-32.3	.4	34.35	-	-	74	-39.65	0-360	100	V

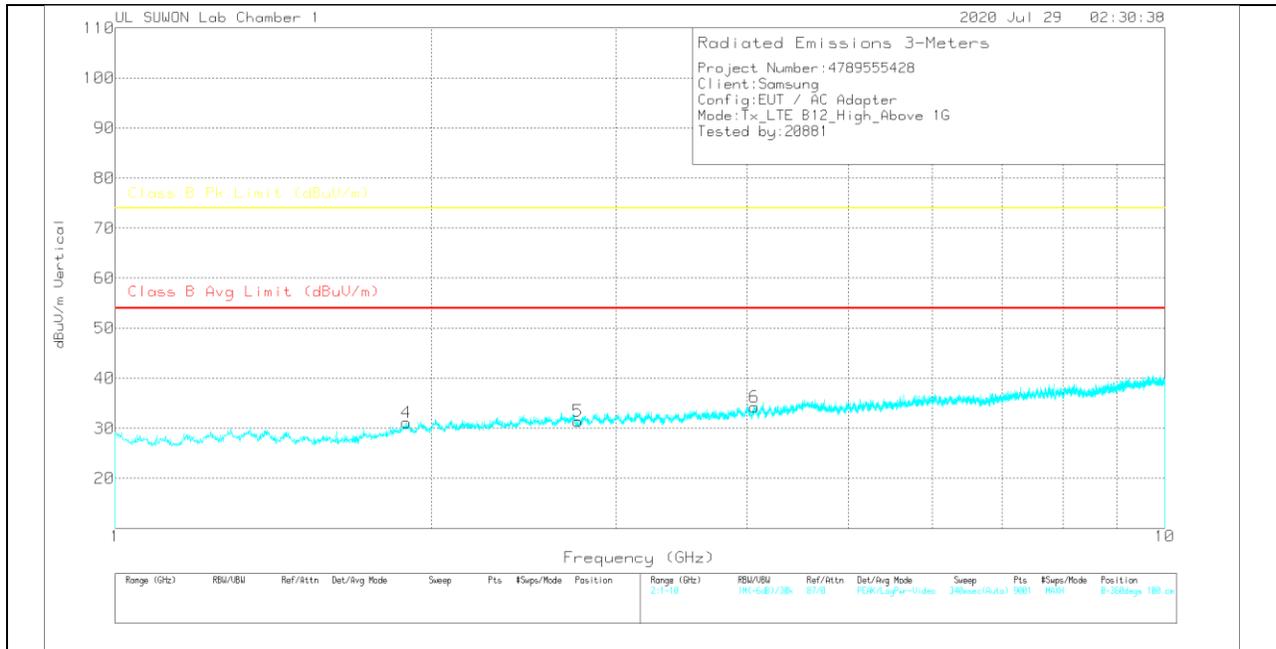
PK – Peak Detector

HIGH CHANNEL(744.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

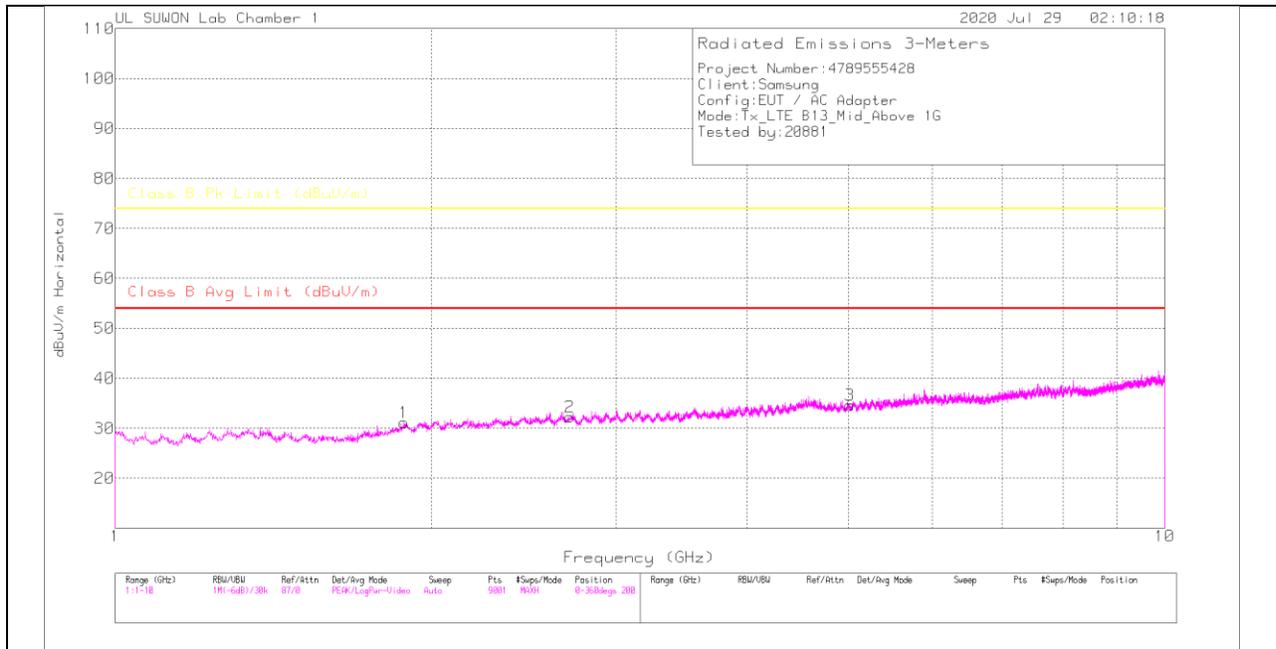
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBu/m	Class B Avg Limit (dBu/m)	Avi(CISPR)Margin (dB)	Class B Pk Limit (dBu/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.893	35.34	PK	30.7	-36.1	.7	30.64	-	-	74	-43.36	0-360	201	H
2	2.763	32.86	PK	32.2	-34.3	.4	31.16	-	-	74	-42.84	0-360	100	H
3	4.05	33.1	PK	33.6	-32.8	.4	34.3	-	-	74	-39.7	0-360	201	H
4	1.893	35.81	PK	30.7	-36.1	.7	31.11	-	-	74	-42.89	0-360	201	V
5	2.76	33.35	PK	32.1	-34.4	.4	31.45	-	-	74	-42.55	0-360	100	V
6	4.067	32.9	PK	33.6	-32.6	.4	34.3	-	-	74	-39.7	0-360	201	V

PK – Peak Detector

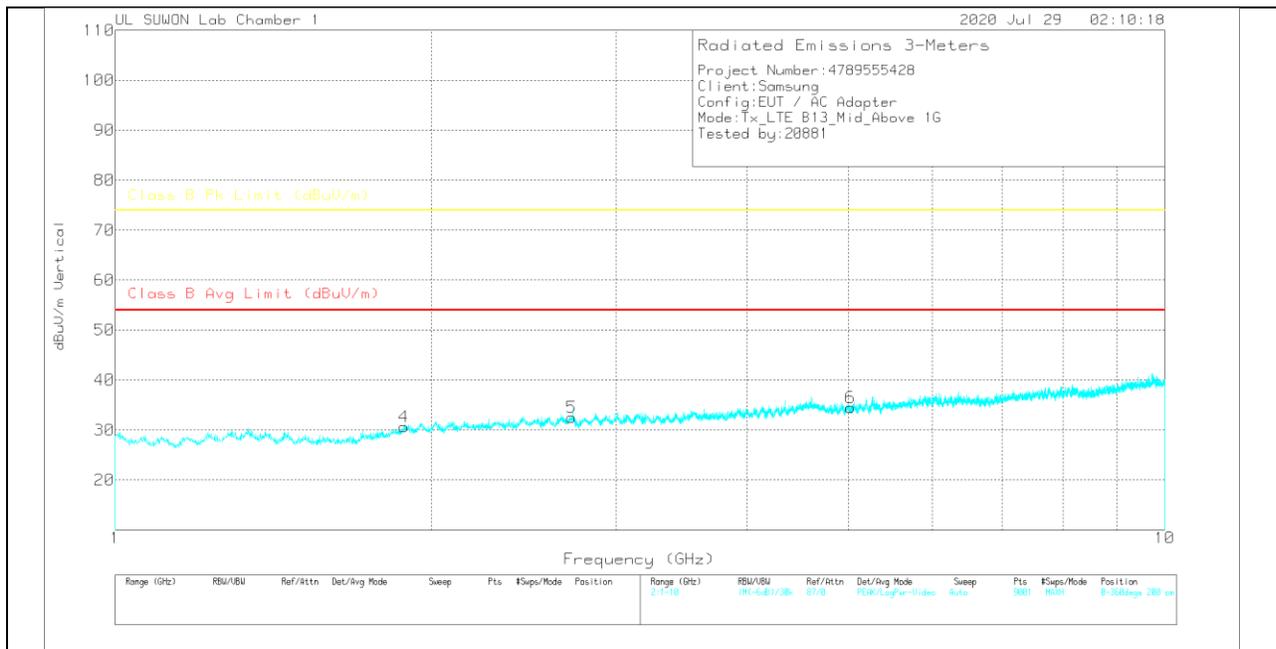
7.5. Above 1 GHz in the LTE Band 13

MID CHANNEL(751.0 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

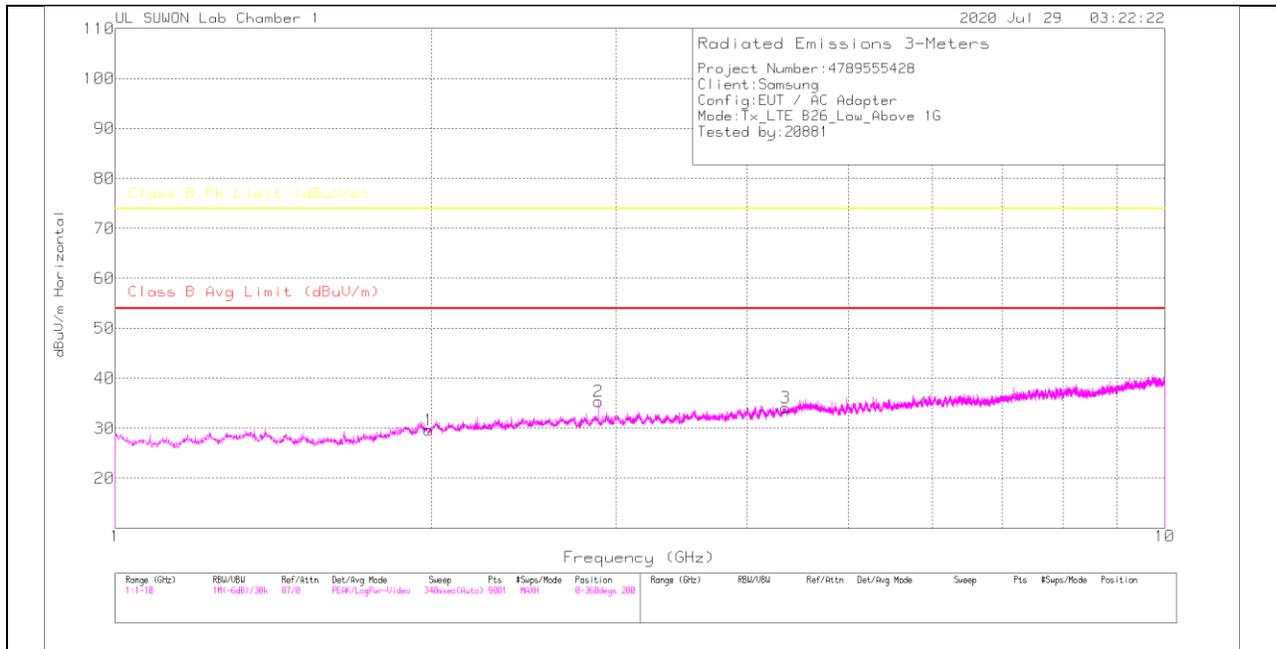
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Avi(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.884	36.01	PK	30.6	-36.2	.7	31.11	-	-	74	-42.89	0-360	100	H
2	2.711	33.63	PK	32.1	-34.4	.9	32.23	-	-	74	-41.77	0-360	100	H
3	5.009	31.78	PK	34.2	-31.8	.4	34.58	-	-	74	-39.42	0-360	100	H
4	1.883	35.51	PK	30.5	-36.1	.7	30.61	-	-	74	-43.39	0-360	100	V
5	2.722	34.02	PK	32.1	-34.4	.8	32.52	-	-	74	-41.48	0-360	100	V
6	5.016	31.66	PK	34.2	-31.7	.4	34.56	-	-	74	-39.44	0-360	100	V

PK – Peak Dector

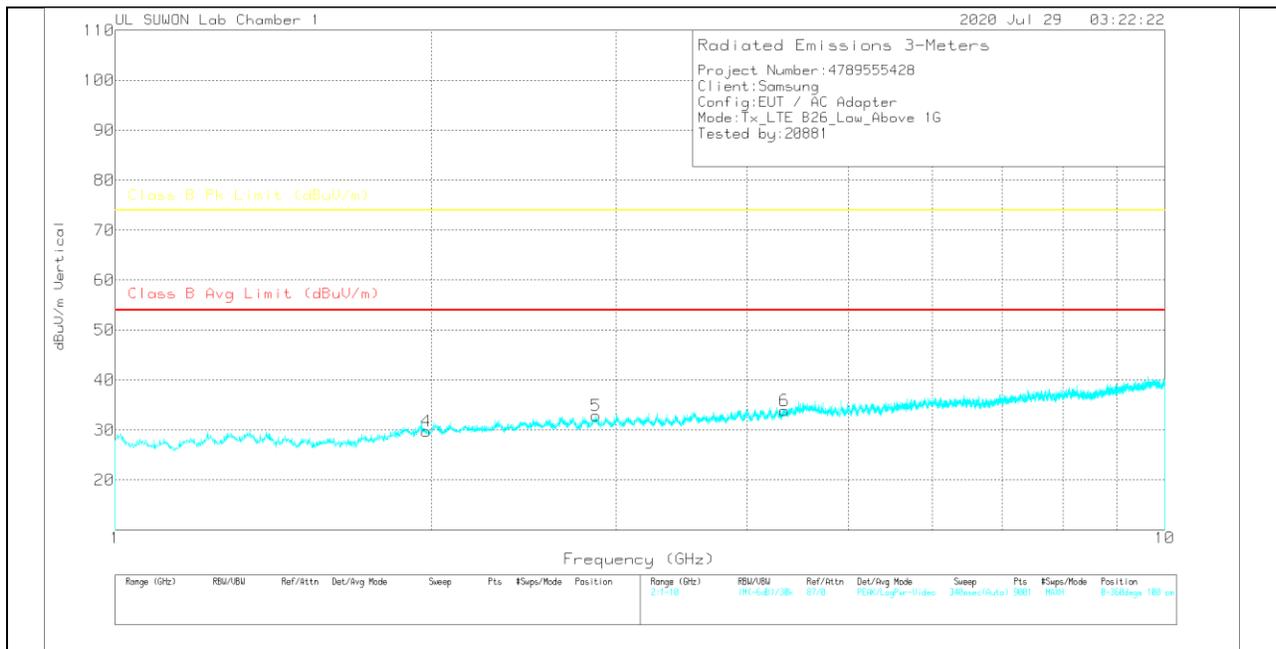
7.6. Above 1 GHz in the LTE Band 26

LOW CHANNEL(860.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

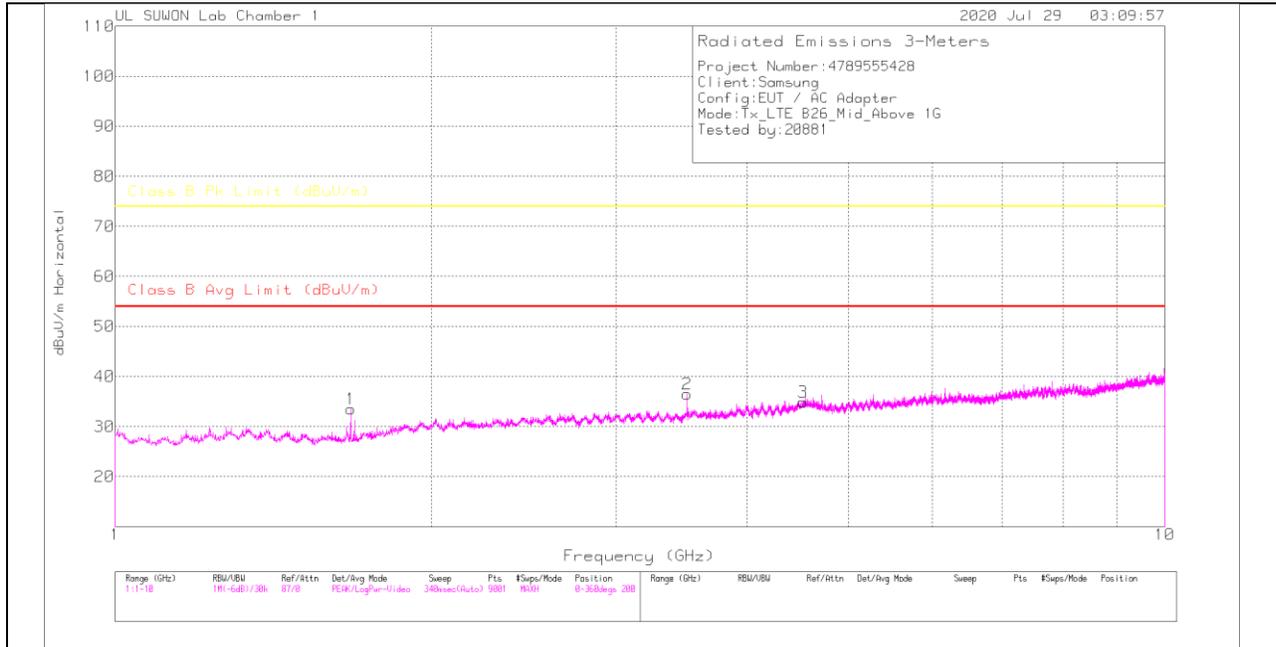
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	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 (m)	Polarity
1	1.989	33.69	PK	31.3	-35.8	.5	29.69	-	-	74	-44.31	0-360	200	H
2	2.886	36.61	PK	32.3	-34.2	.7	35.41	-	-	74	-38.59	0-360	100	H
3	4.352	32.19	PK	34	-32.5	.4	34.09	-	-	74	-39.91	0-360	200	H
4	1.979	33.91	PK	31.2	-35.8	.5	29.81	-	-	74	-44.19	0-360	100	V
5	2.872	34.12	PK	32.3	-34.3	.8	32.92	-	-	74	-41.08	0-360	200	V
6	4.341	32.08	PK	34	-32.6	.4	33.88	-	-	74	-40.12	0-360	200	V

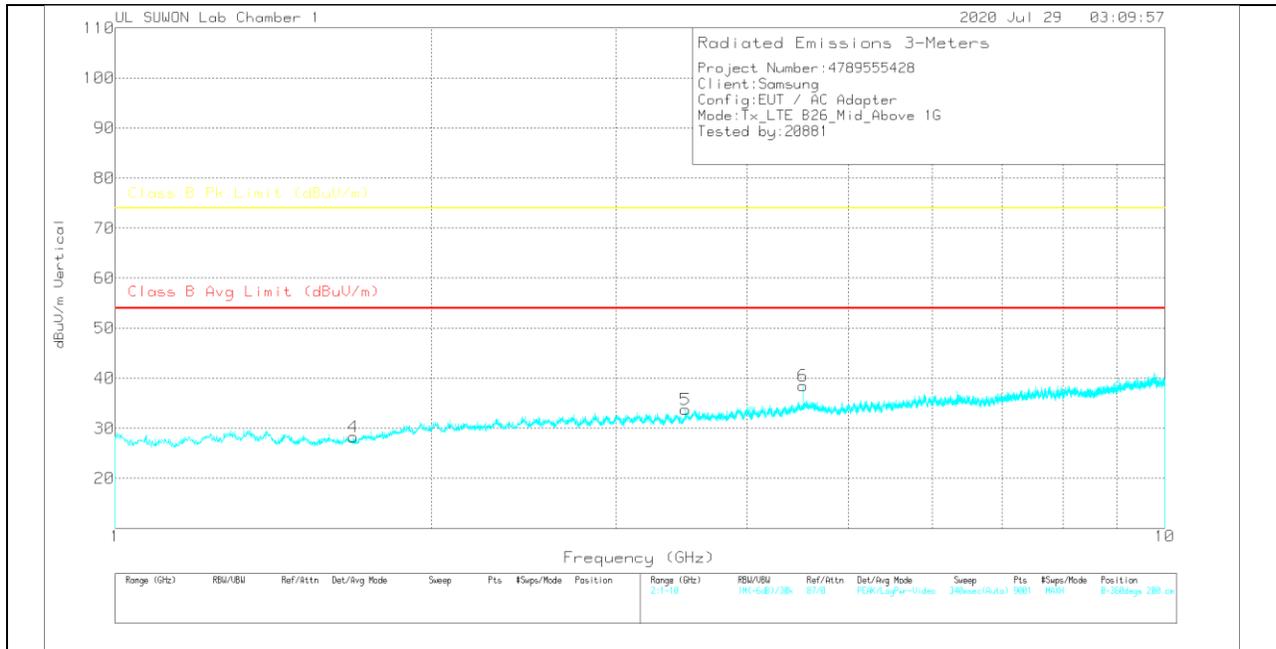
Pk - Peak detector

MID CHANNEL(876.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

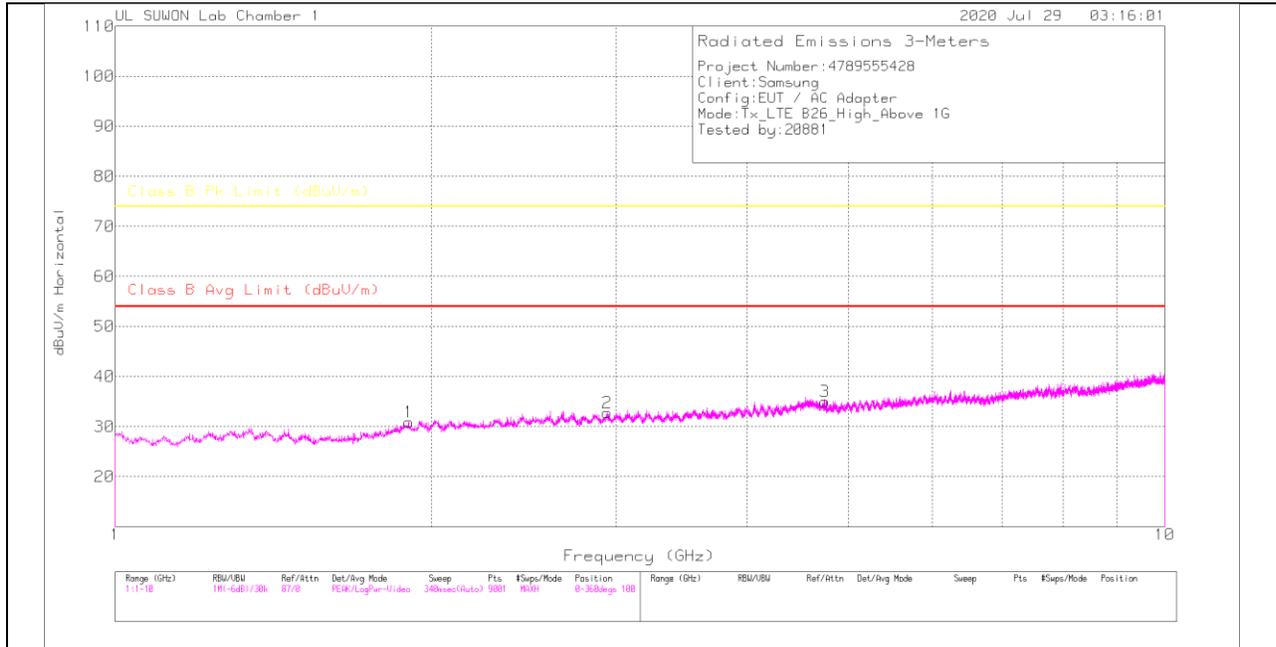
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	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 (m)	Polarity
1	1.676	41.14	PK	28.4	-36.5	.5	33.54	-	-	74	-40.46	0-360	100	H
2	3.508	36.59	PK	32.8	-33.5	.6	36.49	-	-	74	-37.51	0-360	100	H
3	4.523	32.61	PK	34.2	-32.3	.4	34.91	-	-	74	-39.09	0-360	100	H
4	1.687	35.82	PK	28.5	-36.5	.5	28.32	-	-	74	-45.68	0-360	200	V
5	3.494	33.86	PK	32.8	-33.4	.5	33.76	-	-	74	-40.24	0-360	100	V
6	4.523	36.18	PK	34.2	-32.3	.4	38.48	-	-	74	-35.52	0-360	200	V

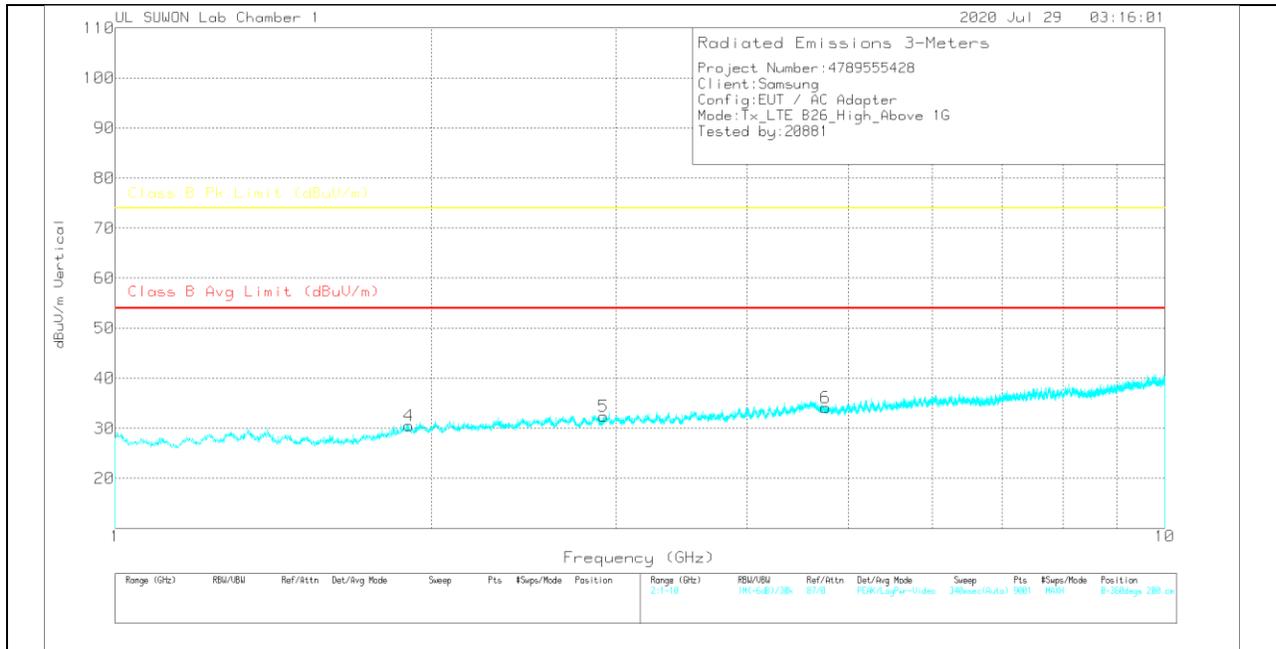
PK – Peak Detector

HIGH CHANNEL(892.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

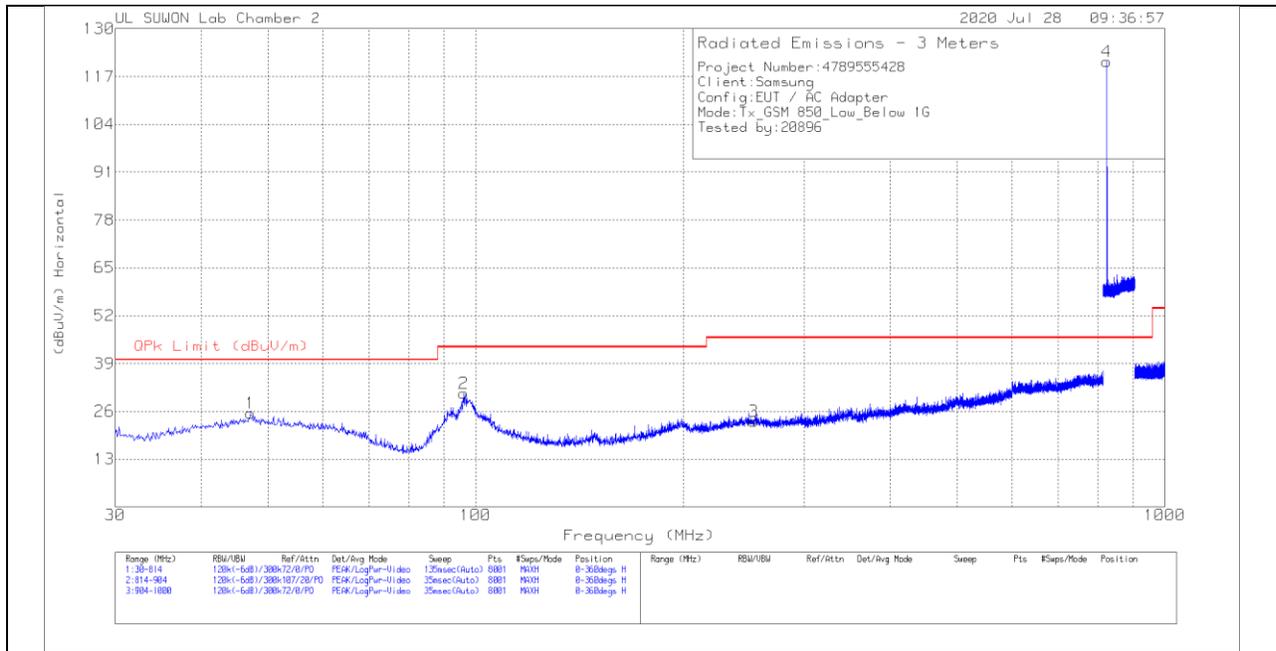
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz(dB)	1GHz_HPF	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (m)	Polarity
1	1.904	35.26	PK	30.8	-35.9	.7	30.86	-	-	74	-43.14	0-360	200	H
2	2.943	34	PK	32.4	-34.2	.6	32.8	-	-	74	-41.2	0-360	200	H
3	4.742	32.65	PK	34.2	-32.3	.4	34.95	-	-	74	-39.05	0-360	200	H
4	1.905	34.91	PK	30.8	-35.9	.7	30.51	-	-	74	-43.49	0-360	100	V
5	2.918	33.58	PK	32.3	-34.1	.6	32.38	-	-	74	-41.62	0-360	100	V
6	4.748	31.68	PK	34.2	-32.2	.4	34.08	-	-	74	-39.92	0-360	200	V

PK – Peak Detector

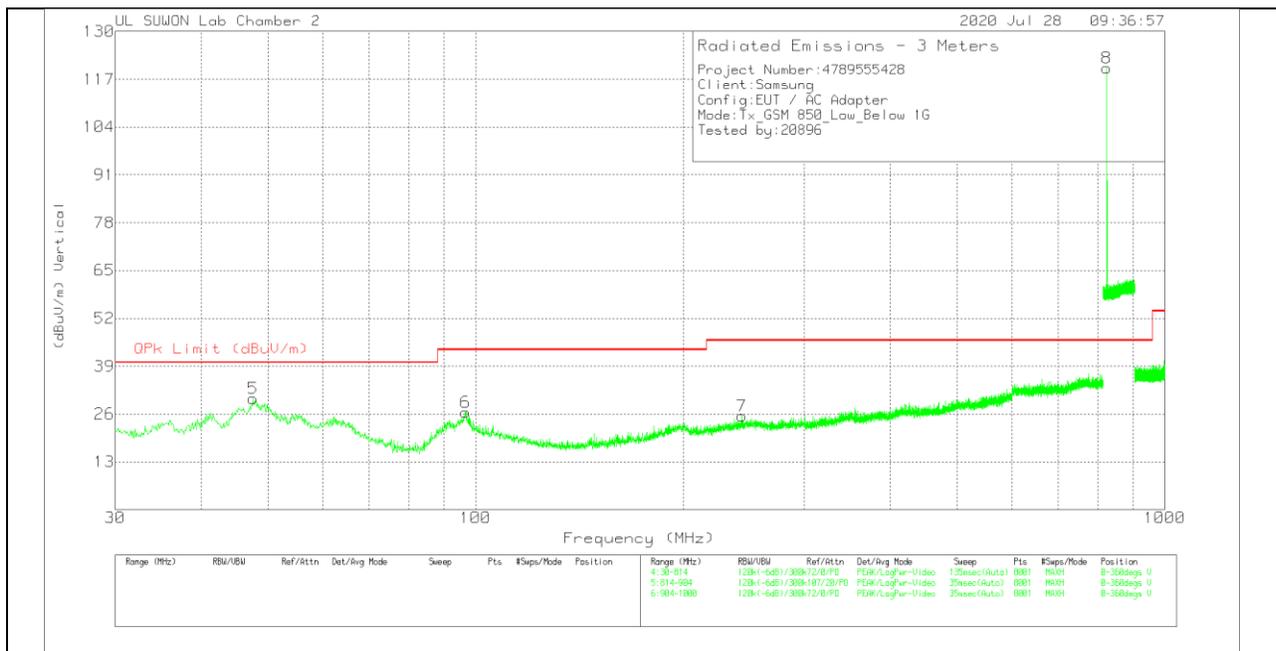
7.7. Below 1 GHz in the GSM850

LOW CHANNEL(869.2 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

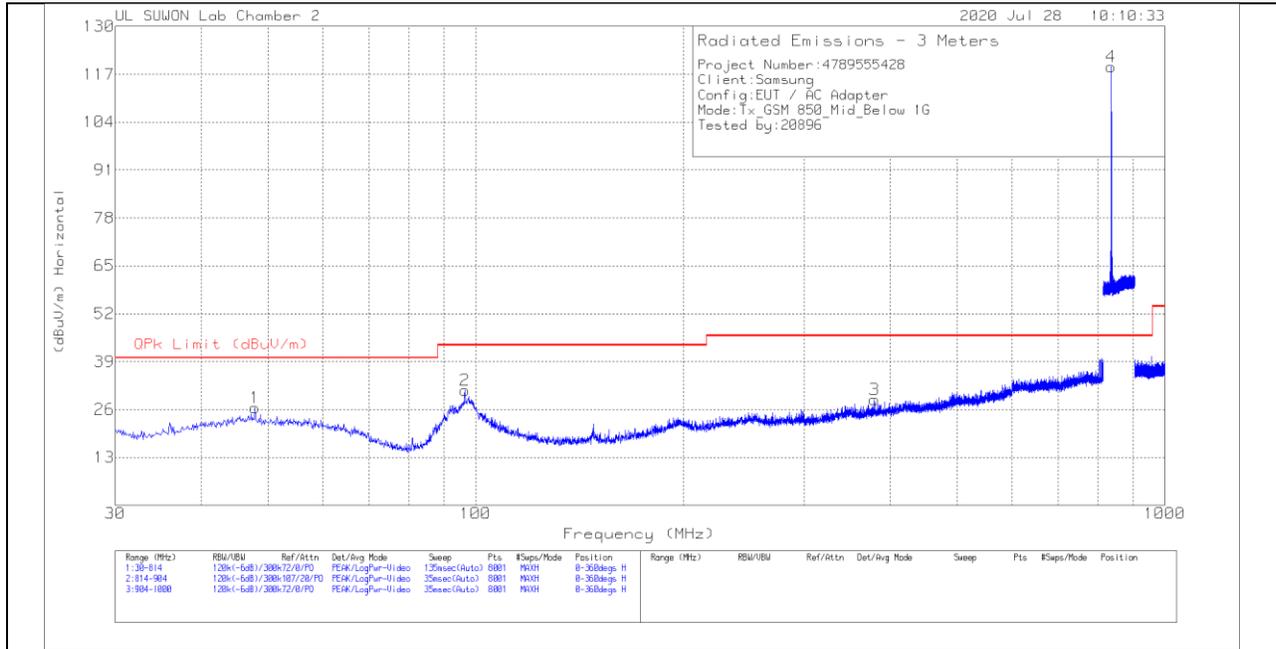
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.15	4.91	Pk	19.8	.8	25.51	40	-14.49	0-360	300	H
2	96.052	12.43	Pk	17.4	1.1	30.93	43.52	-12.59	0-360	300	H
3	253.146	2.33	Pk	19.1	1.8	23.23	46.02	-22.79	0-360	400	H
4	824.3838	91.02	Pk	26.9	3.2	121.12	46.02	75.1	0-360	100	H
5	47.542	9.65	Pk	19.8	.8	30.25	40	-9.75	0-360	100	V
6	96.738	8.01	Pk	17.4	1.1	26.51	43.52	-17.01	0-360	100	V
7	243.542	4.91	Pk	18.7	1.8	25.41	46.02	-20.61	0-360	300	V
8	824.4288	90.02	Pk	26.9	3.2	120.12	46.02	74.1	0-360	100	V

Pk - Peak detector

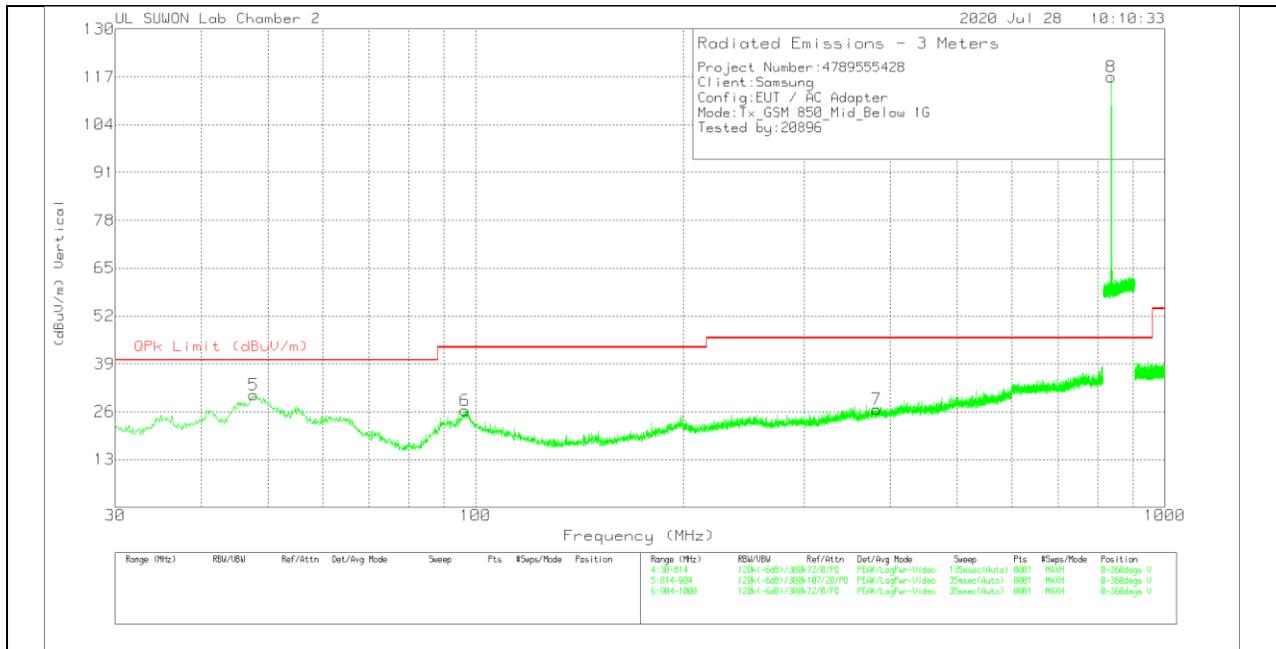
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

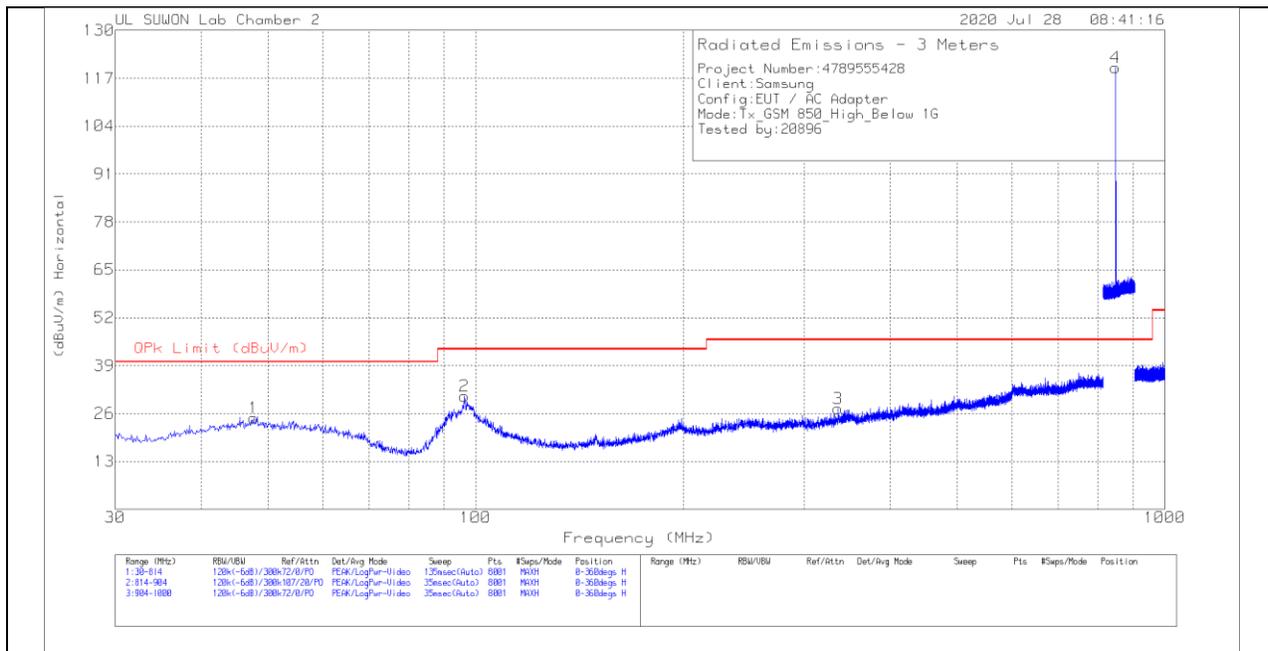
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.836	5.98	Pk	19.8	.8	26.58	40	-13.42	0-360	300	H
2	96.444	12.76	Pk	17.4	1.1	31.26	43.52	-12.26	0-360	300	H
3	379.076	5.34	Pk	21.1	2.2	28.64	46.02	-17.38	0-360	300	H
4	836.6238	88.6	Pk	27.1	3.3	119	46.02	72.98	0-360	100	H
5	47.64	9.97	Pk	19.8	.8	30.57	40	-9.43	0-360	200	V
6	96.444	7.84	Pk	17.4	1.1	26.34	43.52	-17.18	0-360	100	V
7	382.114	3.39	Pk	21.1	2.2	26.69	46.02	-19.33	0-360	400	V
8	836.68	86.57	Pk	27.1	3.3	116.97	46.02	70.95	0-360	100	V

Pk - Peak detector

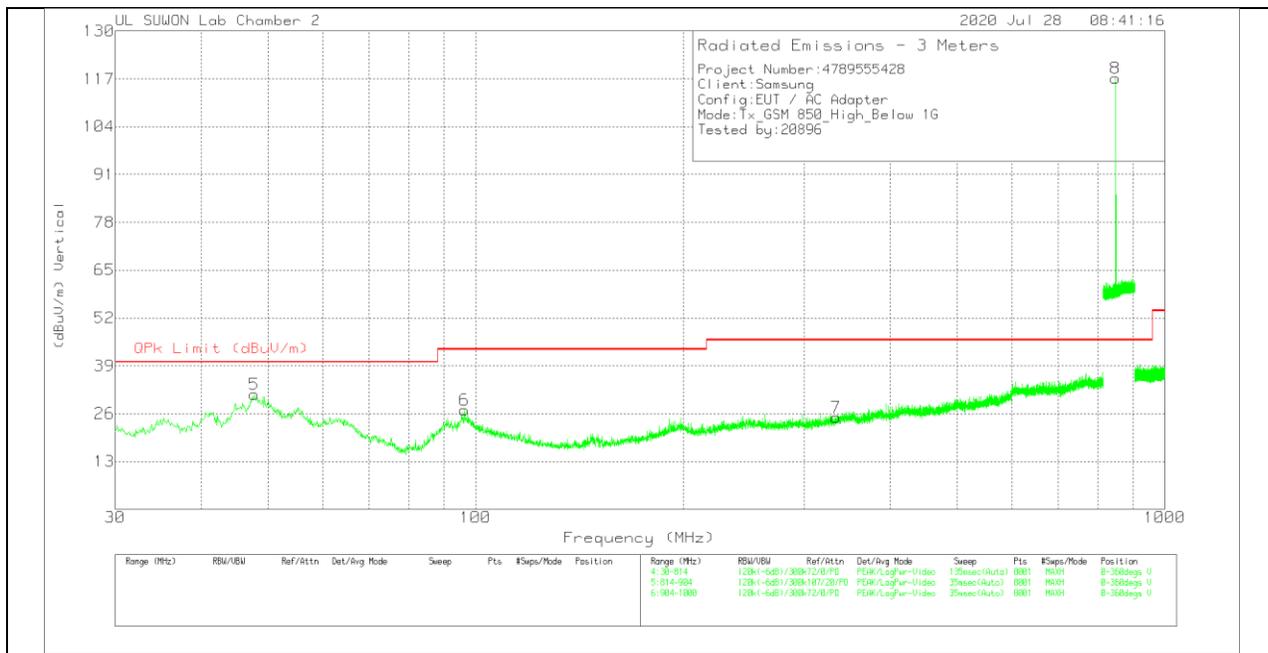
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

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	47.64	4.15	Pk	19.8	.8	24.75	40	-15.25	0-360	400	H
2	96.248	12.21	Pk	17.4	1.1	30.71	43.52	-12.81	0-360	300	H
3	335.564	4.9	Pk	20.4	2.1	27.4	46.02	-18.62	0-360	300	H
4	848.8638	89.18	Pk	27.4	3.3	119.88	46.02	73.86	0-360	100	H
5	47.738	10.61	Pk	19.8	.8	31.21	40	-8.79	0-360	100	V
6	96.346	8.55	Pk	17.4	1.1	27.05	43.52	-16.47	0-360	100	V
7	333.212	2.64	Pk	20.2	2.1	24.94	46.02	-21.08	0-360	400	V
8	848.83	86.45	Pk	27.4	3.3	117.15	46.02	71.13	0-360	100	V

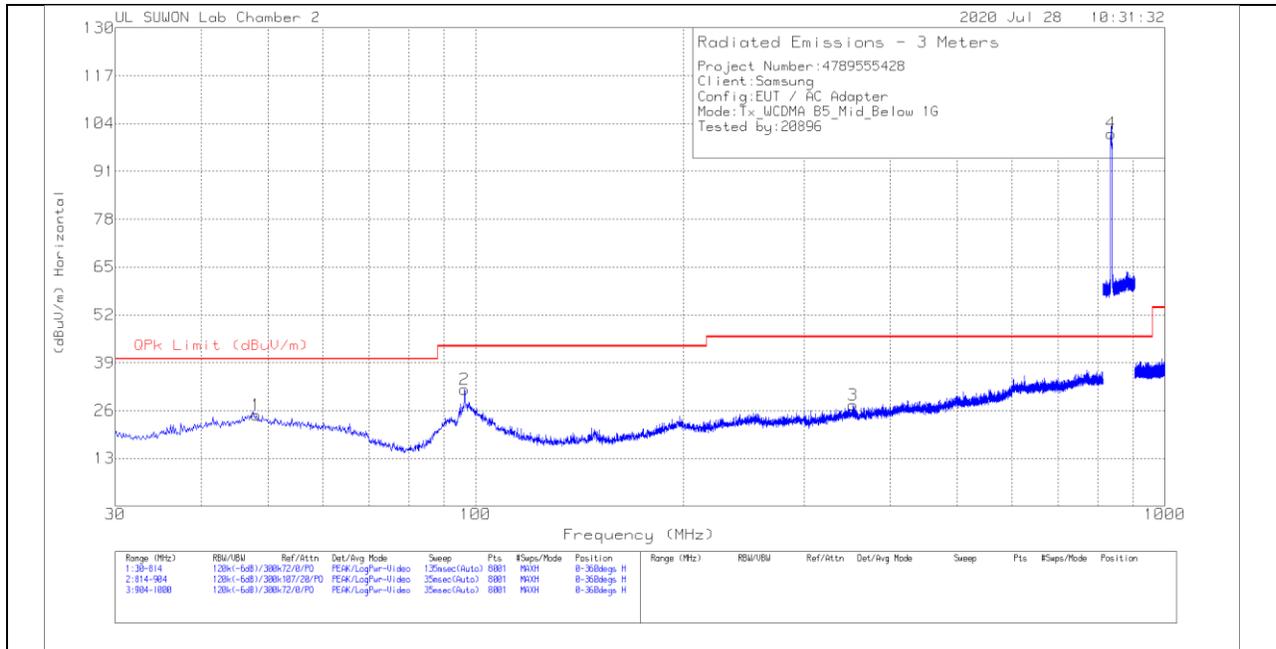
Pk - Peak detector

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

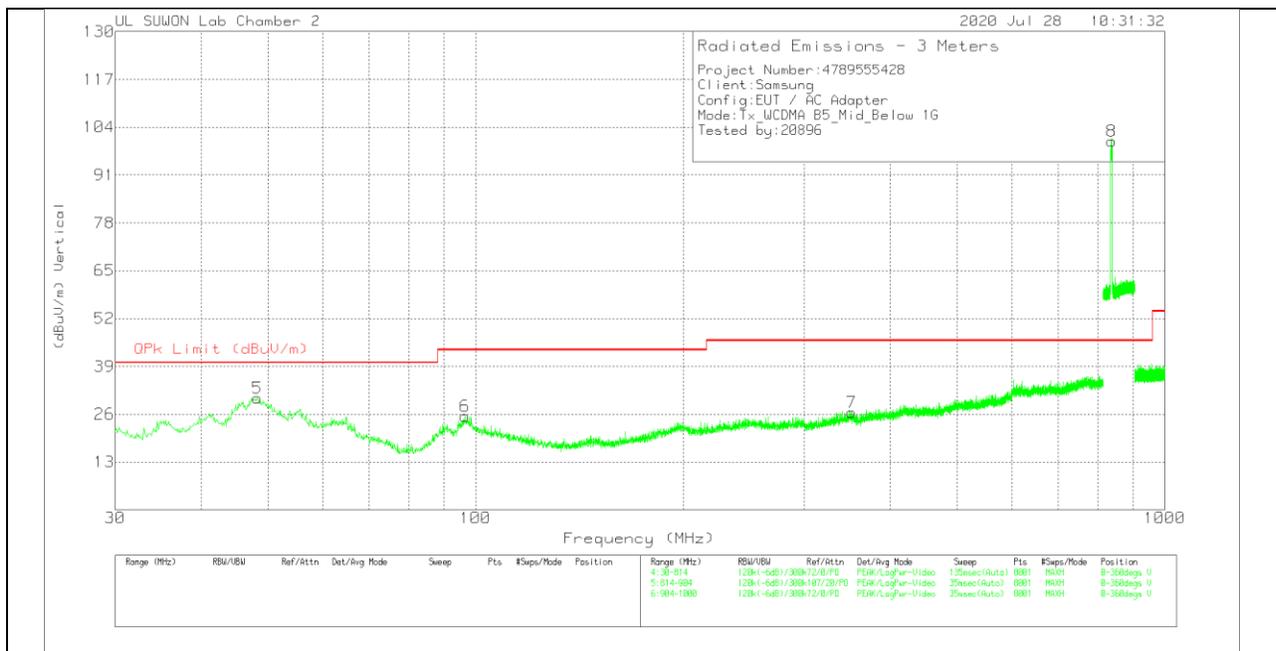
7.8. Below 1 GHz in the WCDMA Band 5

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	48.032	4.26	Pk	19.8	.8	24.86	40	-15.14	0-360	300	H
2	96.346	13.28	Pk	17.4	1.1	31.78	43.52	-11.74	0-360	300	H
3	353.106	4.63	Pk	20.8	2.1	27.53	46.02	-18.49	0-360	300	H
4	836.4438	70.92	Pk	27.1	3.3	101.32	46.02	55.3	0-360	200	H
5	48.228	9.79	Pk	19.8	.8	30.39	40	-9.61	0-360	100	V
6	96.444	7.06	Pk	17.4	1.1	25.56	43.52	-17.96	0-360	100	V
7	351.538	3.44	Pk	20.9	2.1	26.44	46.02	-19.58	0-360	400	V
8	837.0963	69.77	Pk	27.1	3.3	100.17	46.02	54.15	0-360	100	V

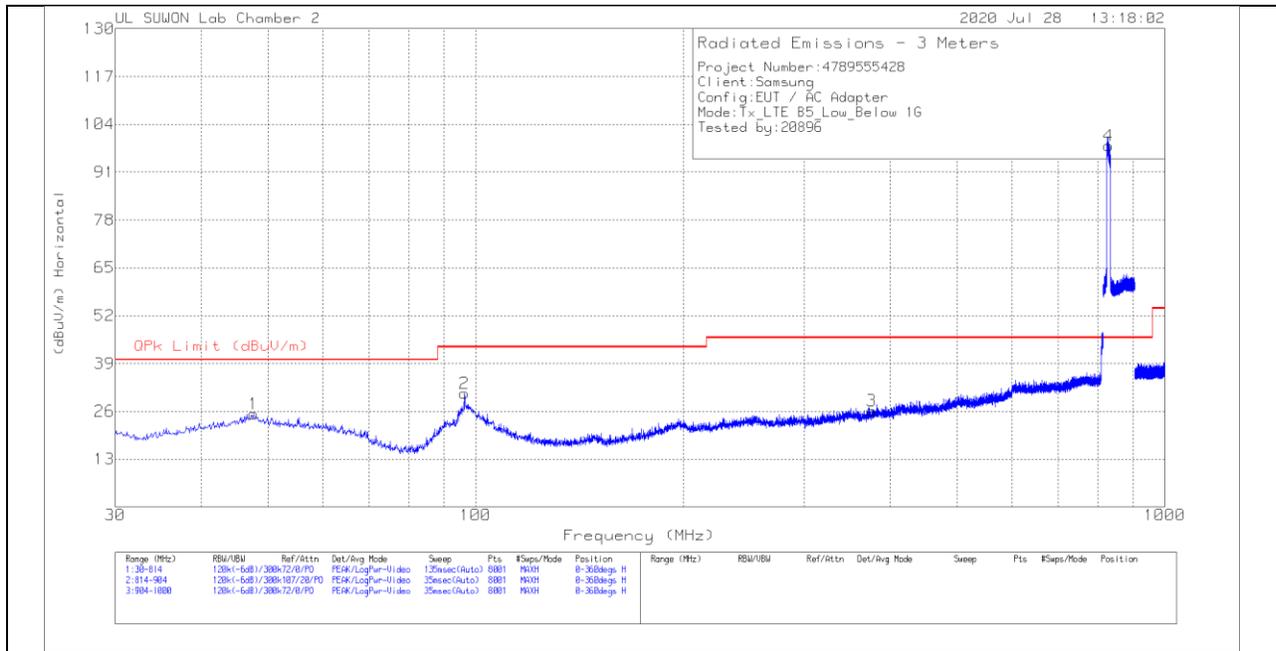
Pk - Peak detector

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

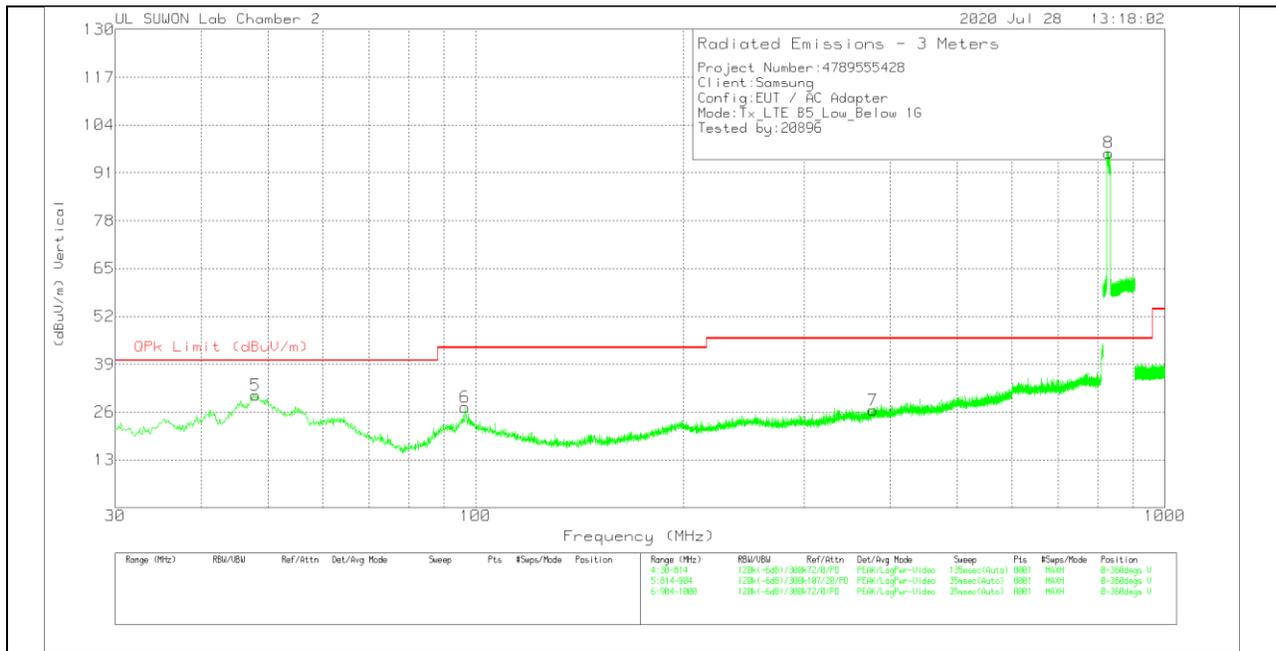
7.9. Below 1 GHz in the LTE Band 5

LOW CHANNEL(871.4MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

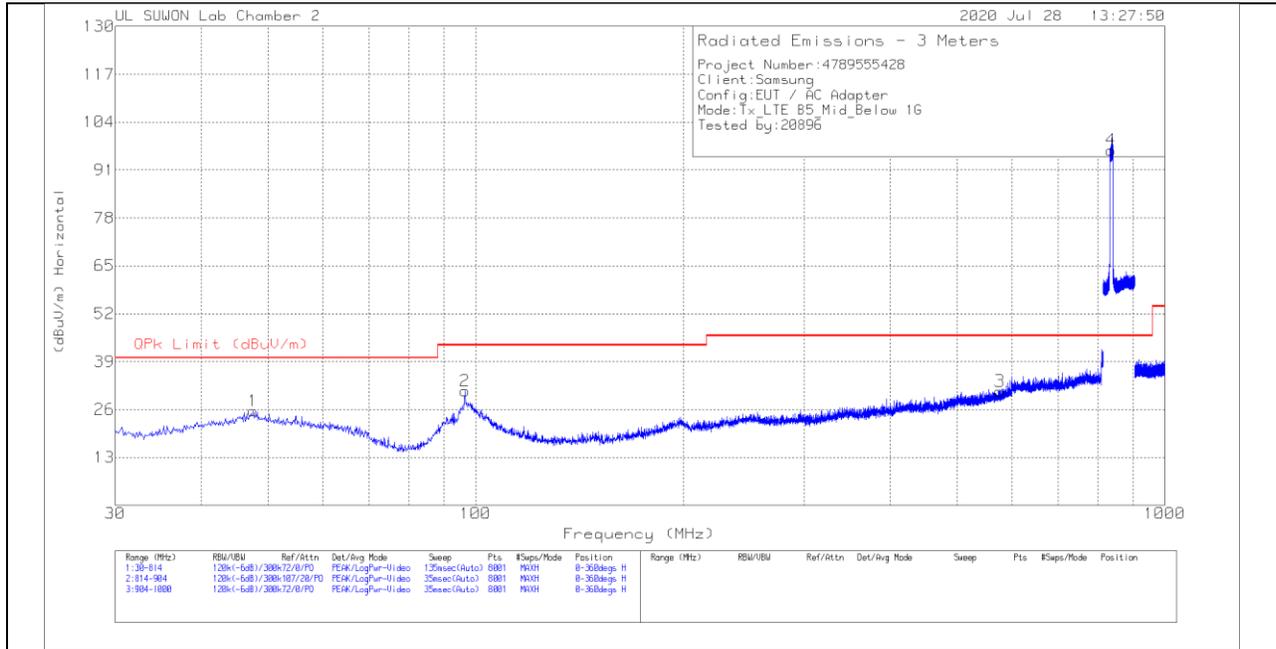
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.64	4.67	Pk	19.8	.8	25.27	40	-14.73	0-360	400	H
2	96.346	12.43	Pk	17.4	1.1	30.93	43.52	-12.59	0-360	300	H
3	375.842	2.95	Pk	21	2.2	26.15	46.02	-19.87	0-360	200	H
4	829.12	67.96	Pk	27	3.2	98.16	46.02	52.14	0-360	100	H
5	47.934	10.02	Pk	19.8	.8	30.62	40	-9.38	0-360	100	V
6	96.444	8.92	Pk	17.4	1.1	27.42	43.52	-16.1	0-360	100	V
7	376.92	3.34	Pk	21	2.2	26.54	46.02	-19.48	0-360	400	V
8	829.6375	66.01	Pk	27.1	3.3	96.41	46.02	50.39	0-360	100	V

Pk - Peak detector

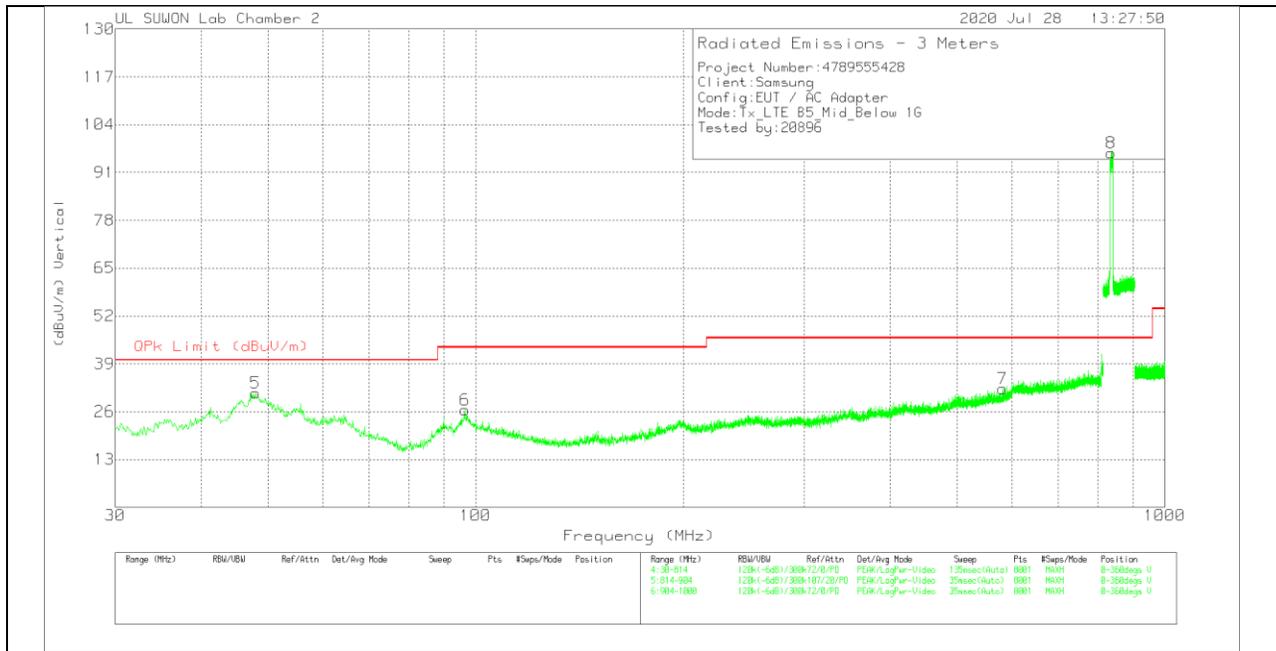
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

MID CHANNEL(881.6MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

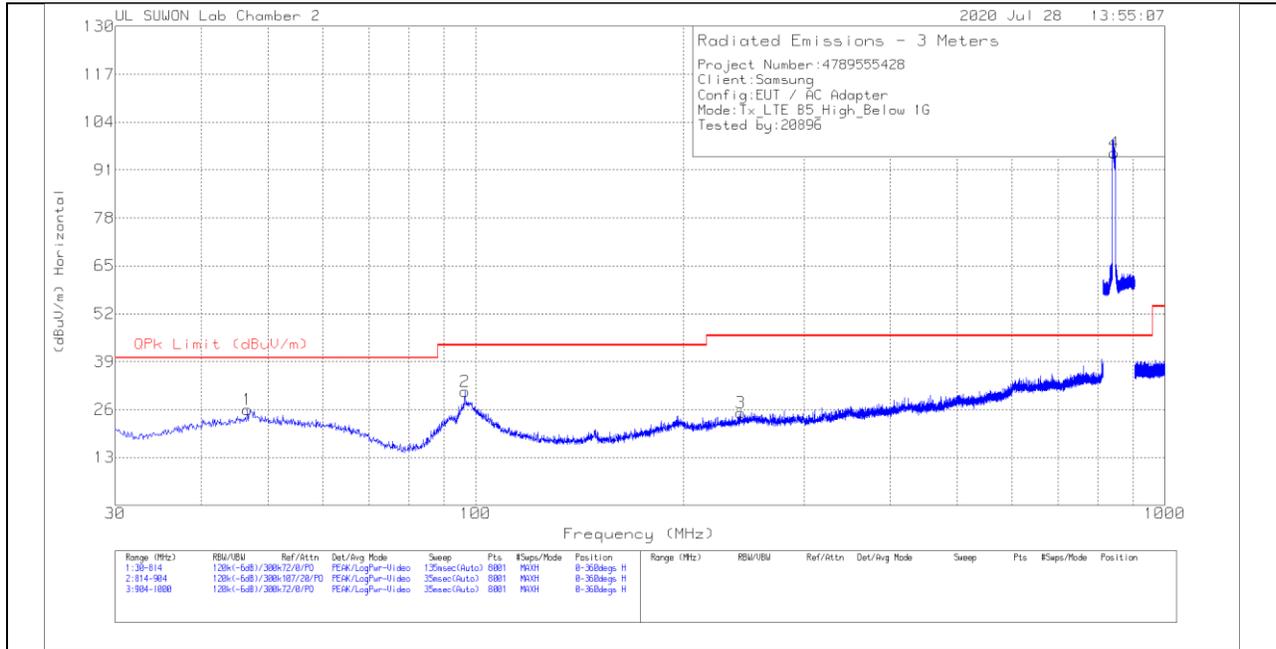
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	47.542	5.01	Pk	19.8	.8	25.61	40	-14.39	0-360	400	H
2	96.444	12.56	Pk	17.4	1.1	31.06	43.52	-12.46	0-360	300	H
3	576.252	4.09	Pk	24.2	2.7	30.99	46.02	-15.03	0-360	100	H
4	836.6125	66.01	Pk	27.1	3.3	96.41	46.02	50.39	0-360	100	H
5	47.934	10.53	Pk	19.8	.8	31.13	40	-8.87	0-360	100	V
6	96.444	7.95	Pk	17.4	1.1	26.45	43.52	-17.07	0-360	100	V
7	581.348	5.14	Pk	24.4	2.7	32.24	46.02	-13.78	0-360	100	V
8	836.4888	65.87	Pk	27.1	3.3	96.27	46.02	50.25	0-360	100	V

Pk - Peak detector

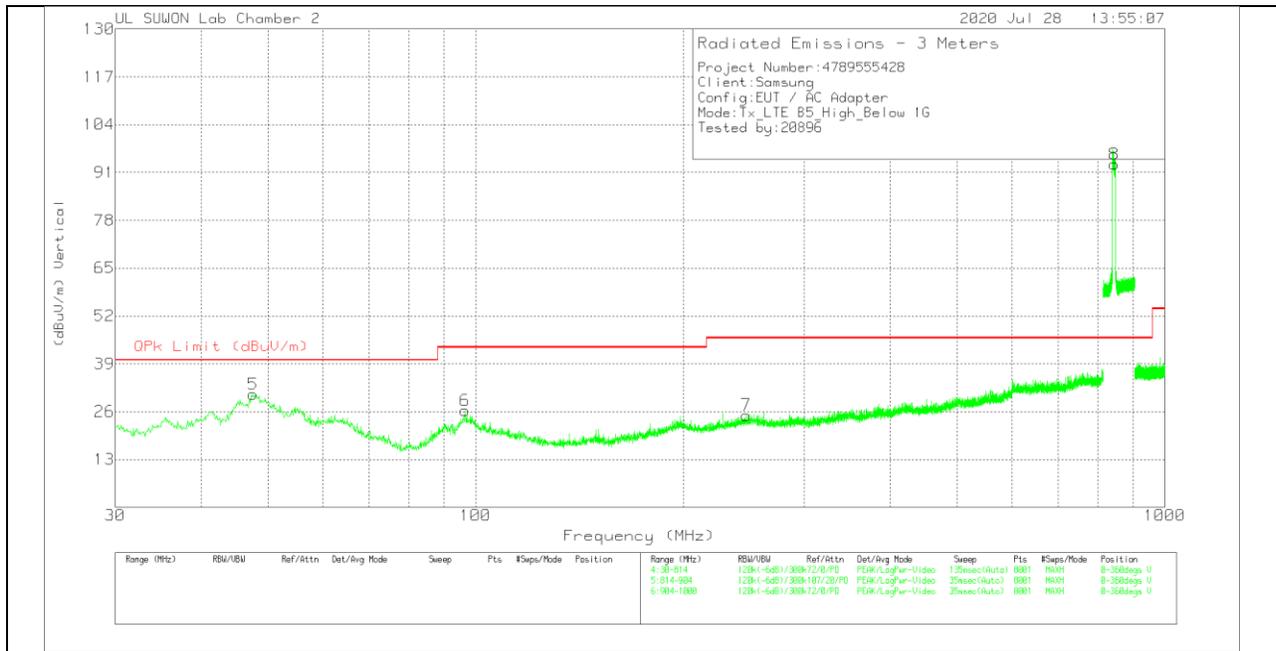
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

HIGH CHANNEL(891.6MHz)

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	46.66	5.38	Pk	19.8	.8	25.98	40	-14.02	0-360	400	H
2	96.444	12.47	Pk	17.4	1.1	30.97	43.52	-12.55	0-360	300	H
3	242.464	4.65	Pk	18.7	1.8	25.15	46.02	-20.87	0-360	100	H
4	844.15	65.08	Pk	27.2	3.3	95.58	46.02	49.56	0-360	100	H
5	47.542	10.09	Pk	19.8	.8	30.69	40	-9.31	0-360	100	V
6	96.444	7.86	Pk	17.4	1.1	26.36	43.52	-17.16	0-360	100	V
7	247.168	4.36	Pk	18.9	1.8	25.06	46.02	-20.96	0-360	200	V
8	844.465	62.81	Pk	27.2	3.3	93.31	46.02	47.29	0-360	100	V

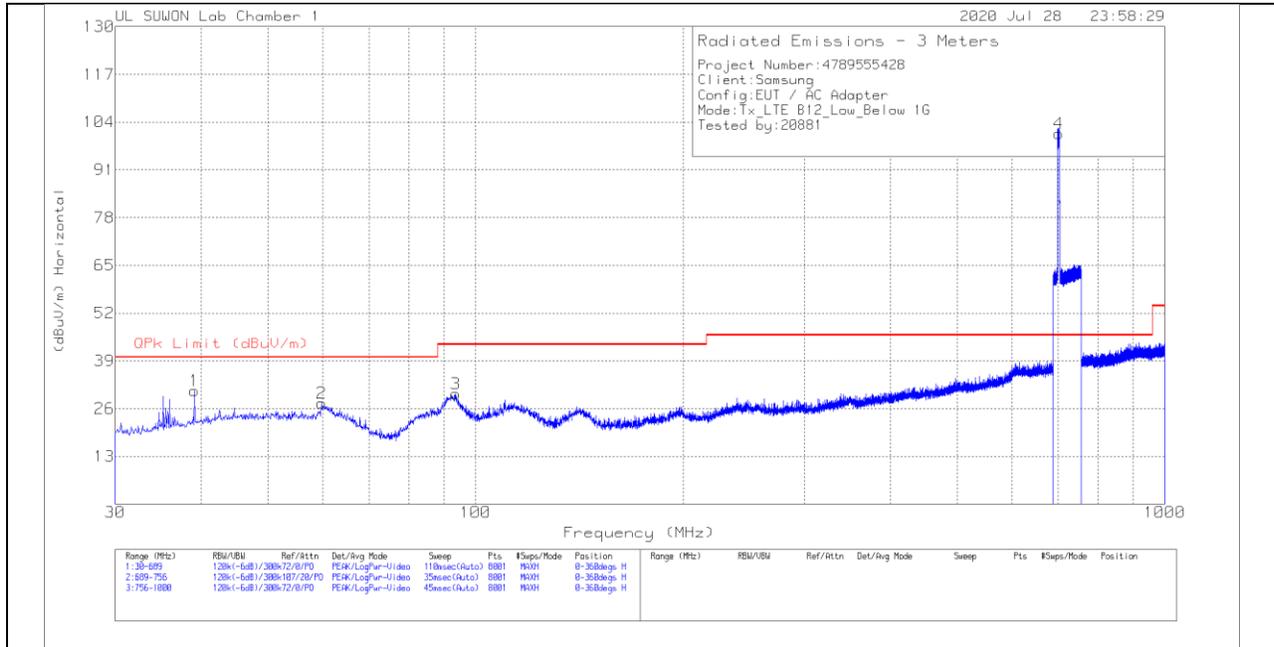
Pk - Peak detector

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

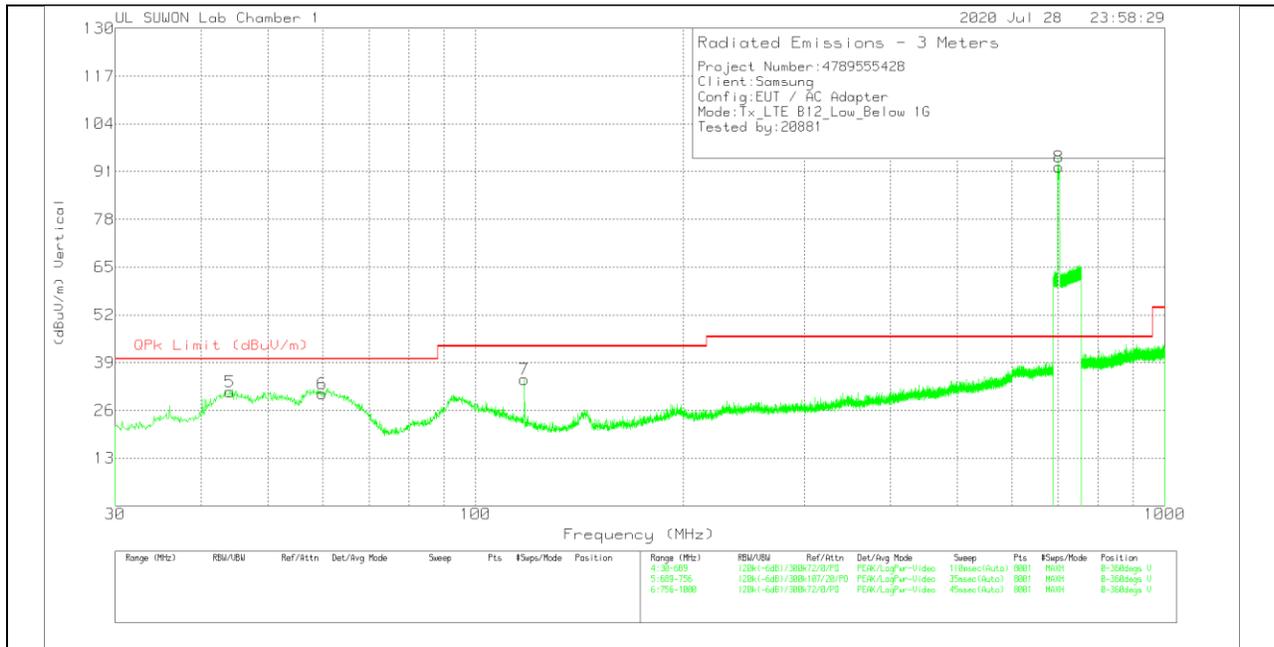
7.10. Below 1 GHz in the LTE Band 12

LOW CHANNEL(730.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

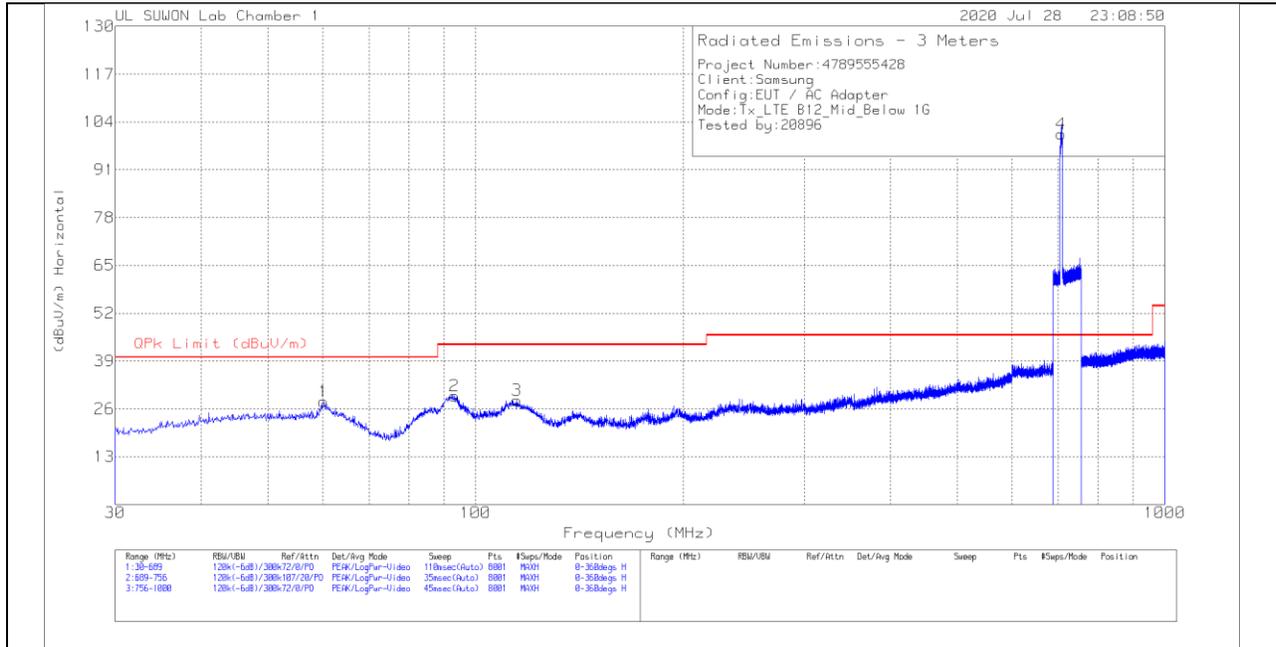
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	39.0613	10.82	Pk	18.4	1.7	30.92	40	-9.08	0-360	300	H
2	59.8198	6.86	Pk	18.6	2.1	27.56	40	-12.44	0-360	400	H
3	93.5111	10.55	Pk	16.9	2.6	30.05	43.52	-13.47	0-360	200	H
4	701.2526	68.06	Pk	25.6	7.2	100.86	46.02	54.84	0-360	100	H
5	44.0038	8.32	Pk	19.6	3.2	31.12	40	-8.88	0-360	100	V
6	59.9021	8.53	Pk	18.6	3.5	30.63	40	-9.37	0-360	100	V
7	117.7294	14.47	Pk	15.8	4.2	34.47	43.52	-9.05	0-360	400	V
8	701.4285	59.41	Pk	25.6	7.2	92.21	46.02	46.19	0-360	100	V

Pk - Peak detector

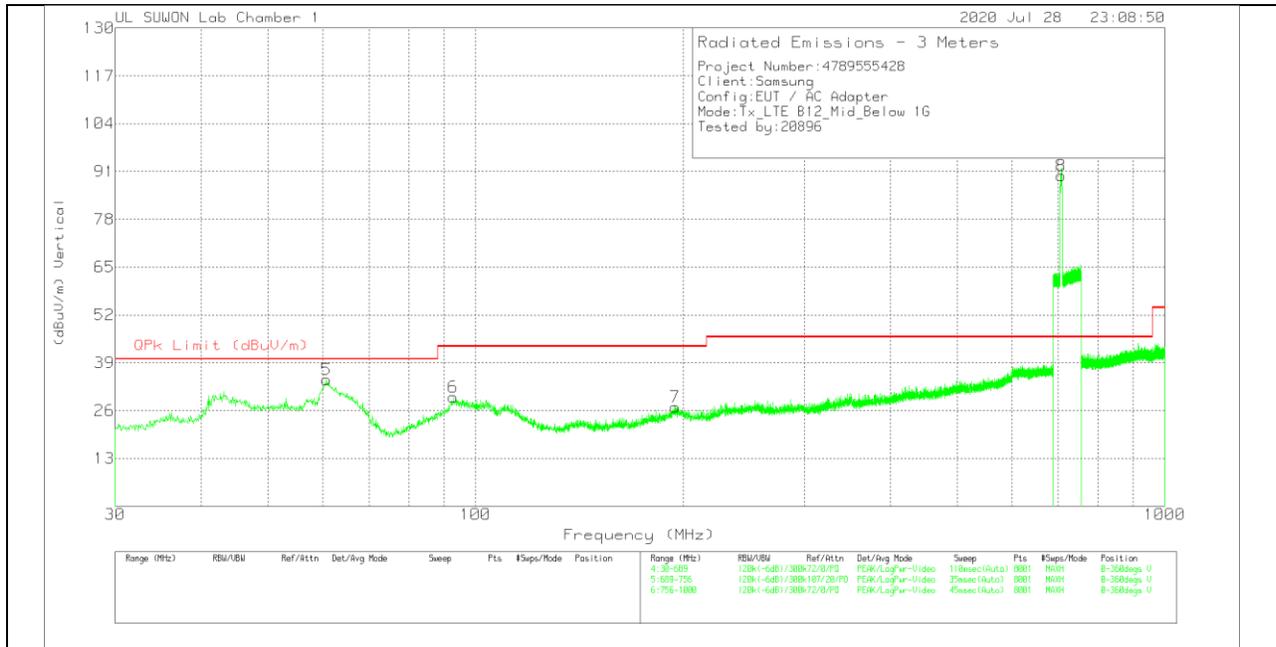
Note: Unwanted emissions captured from 699MHz to 716MHz and from 729MHz to 746MHz were the TX and RX signals generated from the call-simulator.

MID CHANNEL(737.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

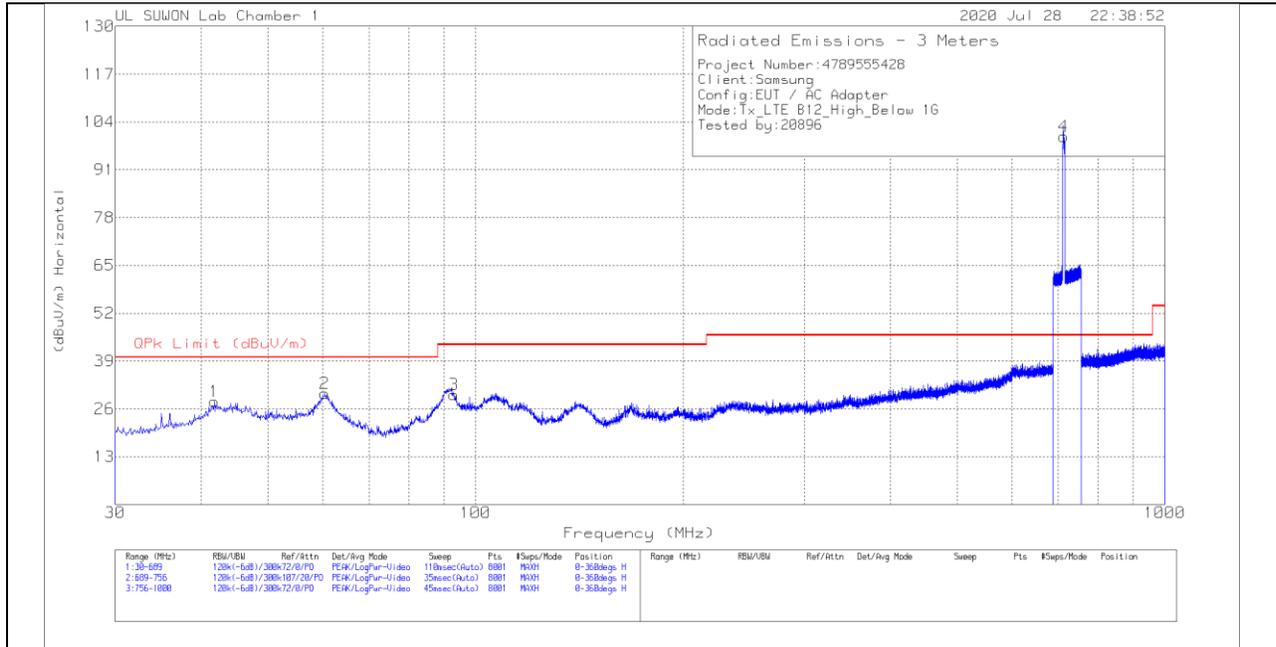
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	60.1493	7.38	Pk	18.5	2.1	27.98	40	-12.02	0-360	400	H
2	93.264	10.06	Pk	16.9	2.6	29.56	43.52	-13.96	0-360	400	H
3	114.8463	9.04	Pk	16.4	2.9	28.34	43.52	-15.18	0-360	400	H
4	707.3496	67.9	Pk	25.6	7.2	100.7	46.02	54.68	0-360	100	H
5	60.7259	12.59	Pk	18.4	3.5	34.49	40	-5.51	0-360	100	V
6	92.7698	9.1	Pk	16.7	3.9	29.7	43.52	-13.82	0-360	100	V
7	194.9148	4.46	Pk	18	4.6	27.06	43.52	-16.46	0-360	200	V
8	707.5506	57.16	Pk	25.6	7.2	89.96	46.02	43.94	0-360	100	V

Pk - Peak detector

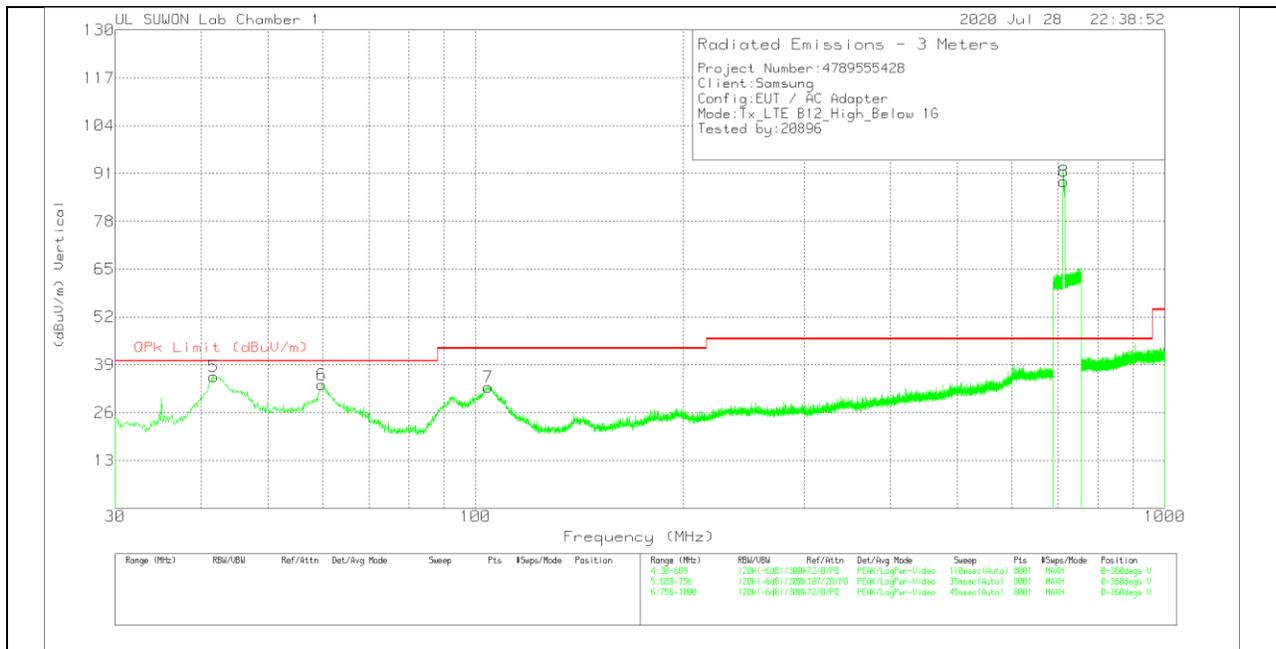
Note: Unwanted emissions captured from 699MHz to 716MHz and from 729MHz to 746MHz were the TX and RX signals generated from the call-simulator.

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	41.7796	7.15	Pk	19.1	1.8	28.05	40	-11.95	0-360	300	H
2	60.3964	9.66	Pk	18.5	2.1	30.26	40	-9.74	0-360	100	H
3	92.9345	10.49	Pk	16.8	2.6	29.89	43.52	-13.63	0-360	200	H
4	713.2875	67.29	Pk	25.6	7.2	100.09	46.02	54.07	0-360	100	H
5	41.6973	13.6	Pk	19.1	3.2	35.9	40	-4.1	0-360	100	V
6	59.8198	11.55	Pk	18.6	3.5	33.65	40	-6.35	0-360	100	V
7	104.3023	11.01	Pk	17.9	4	32.91	43.52	-10.61	0-360	100	V
8	713.3629	56.04	Pk	25.6	7.2	88.84	46.02	42.82	0-360	200	V

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Byp ass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
41.6973	2.59	Qp	19.1	3.2	24.89	40	-15.11	53	100	V

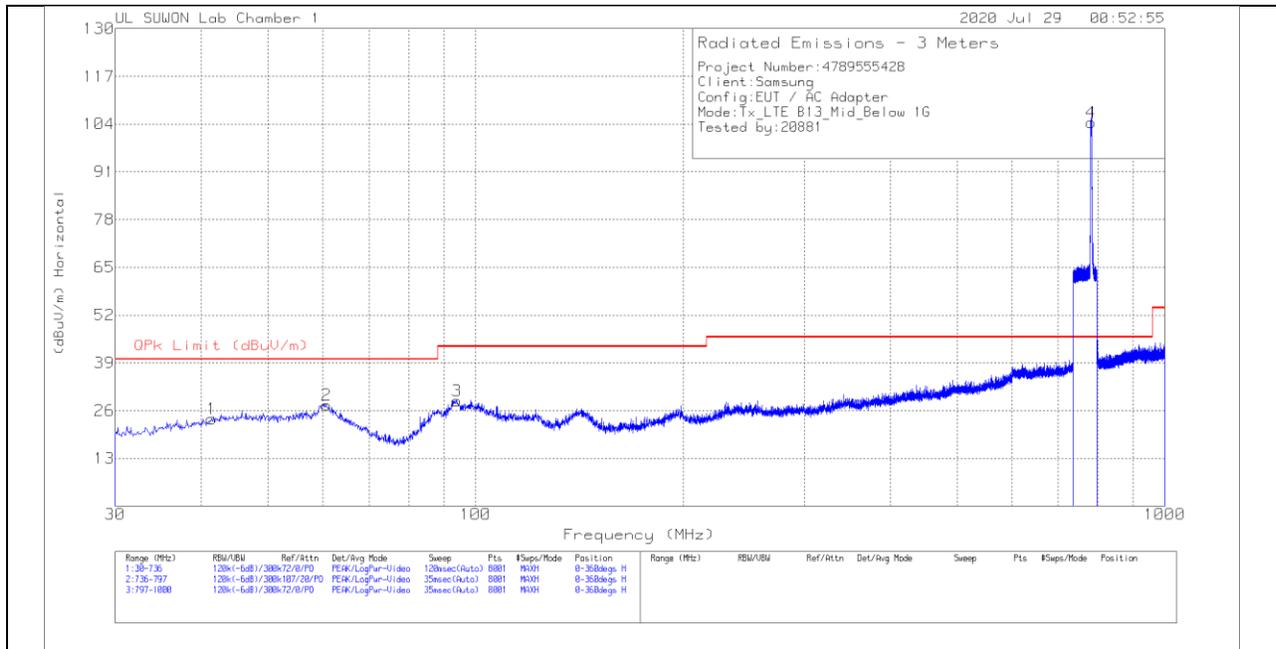
Qp - Quasi-Peak detector

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

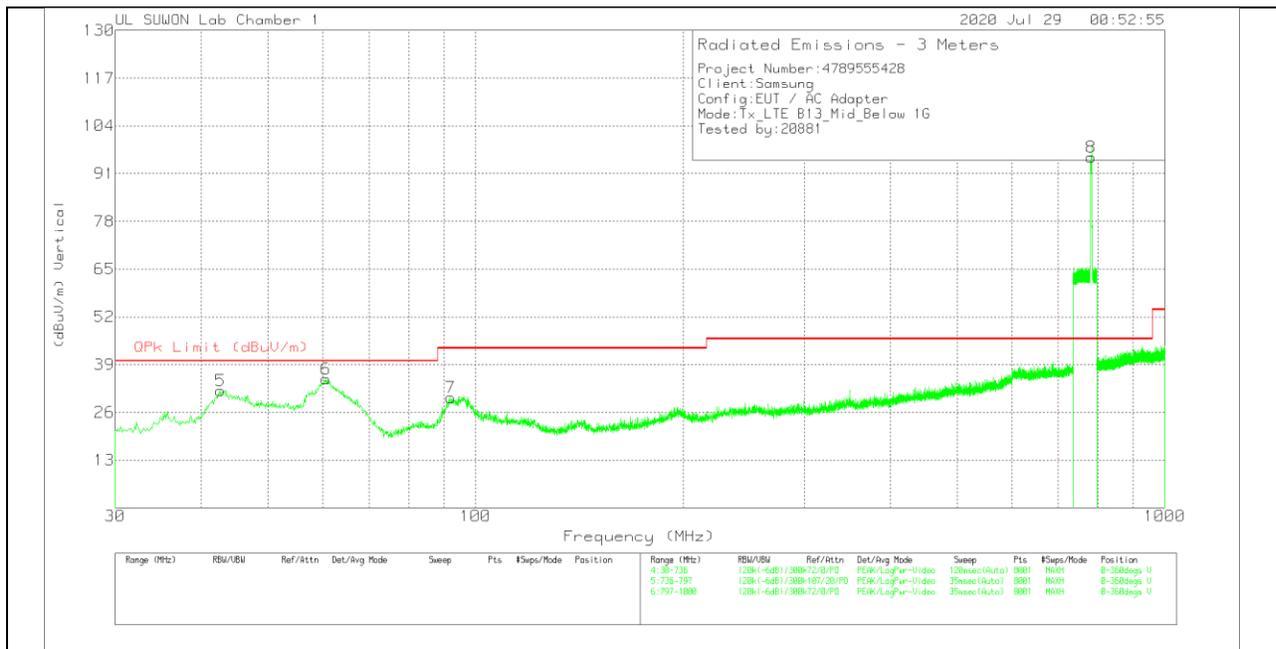
7.11. Below 1 GHz in the LTE Band 13

MID CHANNEL(751.0 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

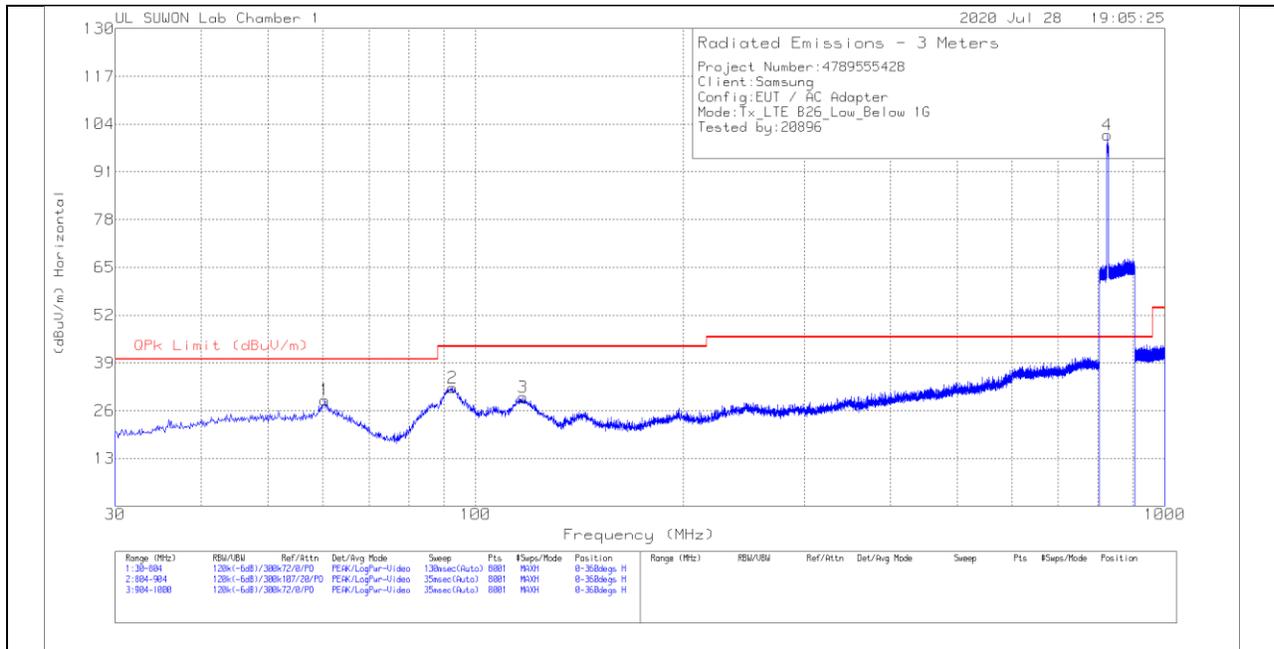
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	41.3843	2.98	Pk	19	1.8	23.78	40	-16.22	0-360	300	H
2	60.7993	7.08	Pk	18.4	2.1	27.58	40	-12.42	0-360	400	H
3	93.893	9.07	Pk	17	2.6	28.67	43.52	-14.85	0-360	300	H
4	781.811	70.17	Pk	26.8	7.5	104.47	46.02	58.45	0-360	100	H
5	42.6198	9.52	Pk	19.2	3.2	31.92	40	-8.08	0-360	100	V
6	60.711	13.31	Pk	18.4	3.5	35.21	40	-4.79	0-360	100	V
7	92.0398	9.63	Pk	16.5	3.9	30.03	43.52	-13.49	0-360	100	V
8	782.1084	61.25	Pk	26.8	7.5	95.55	46.02	49.53	0-360	200	V

Pk - Peak detector

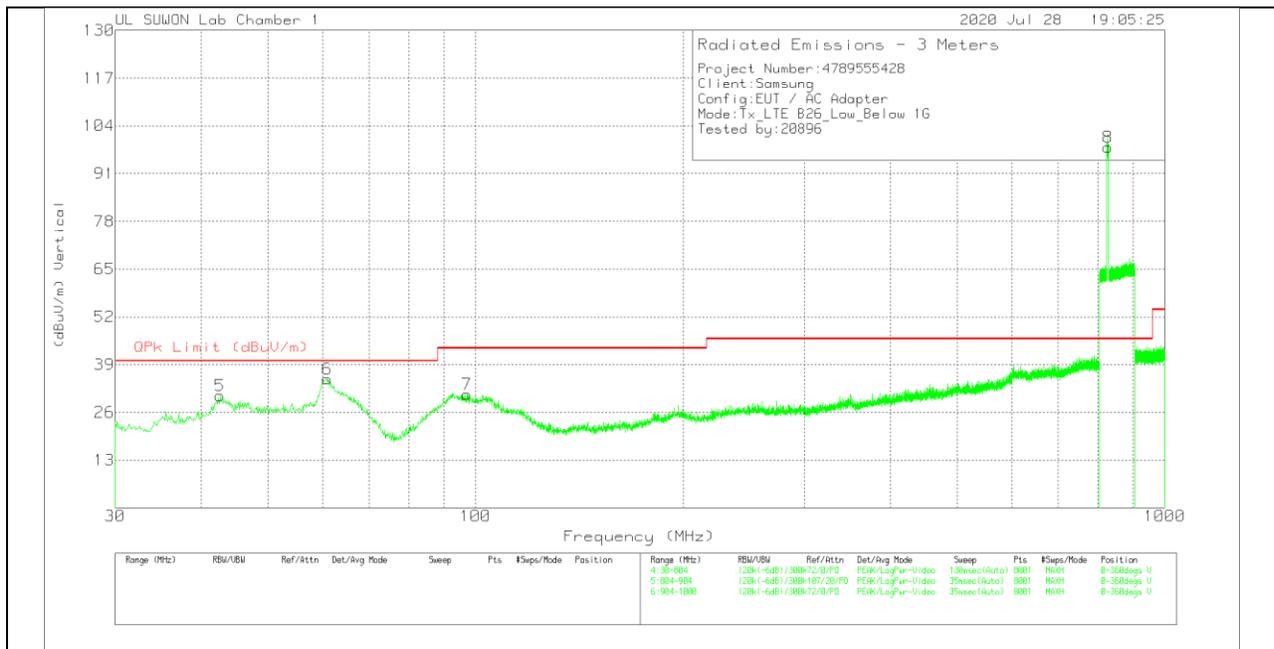
7.12. Below 1 GHz in the LTE Band 26

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	60.3795	8.36	Pk	18.5	2.1	28.96	40	-11.04	0-360	400	H
2	92.5005	13.06	Pk	16.6	2.6	32.26	43.52	-11.26	0-360	300	H
3	117.1718	10.85	Pk	15.9	2.9	29.65	43.52	-13.87	0-360	300	H
4	826.15	66.41	Pk	27.1	7.6	101.11	46.02	55.09	0-360	100	H
5	42.5775	8.12	Pk	19.2	3.2	30.52	40	-9.48	0-360	100	V
6	60.96	13.23	Pk	18.4	3.5	35.13	40	-4.87	0-360	100	V
7	97.1445	9.43	Pk	17.6	3.9	30.93	43.52	-12.59	0-360	100	V
8	826.45	63.53	Pk	27.1	7.6	98.23	46.02	52.21	0-360	100	V

Pk - Peak detector

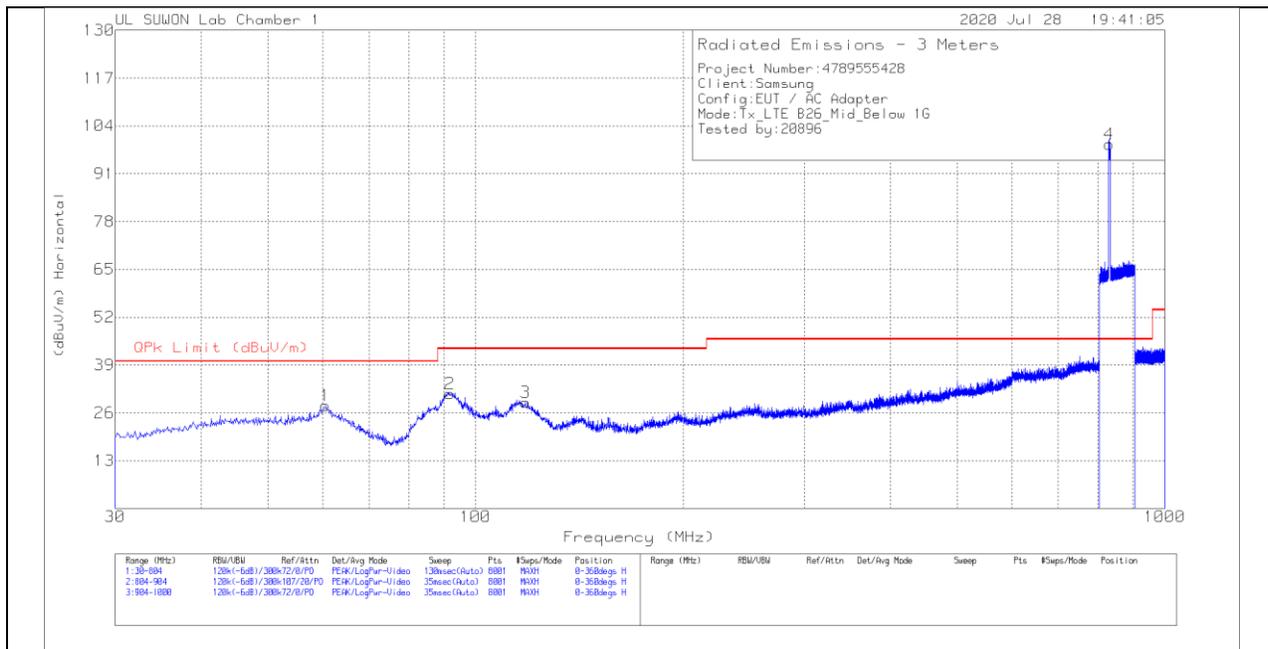
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Byp ass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
60.96	9.72	Qp	18.4	3.5	31.62	40	-8.38	216	167	V

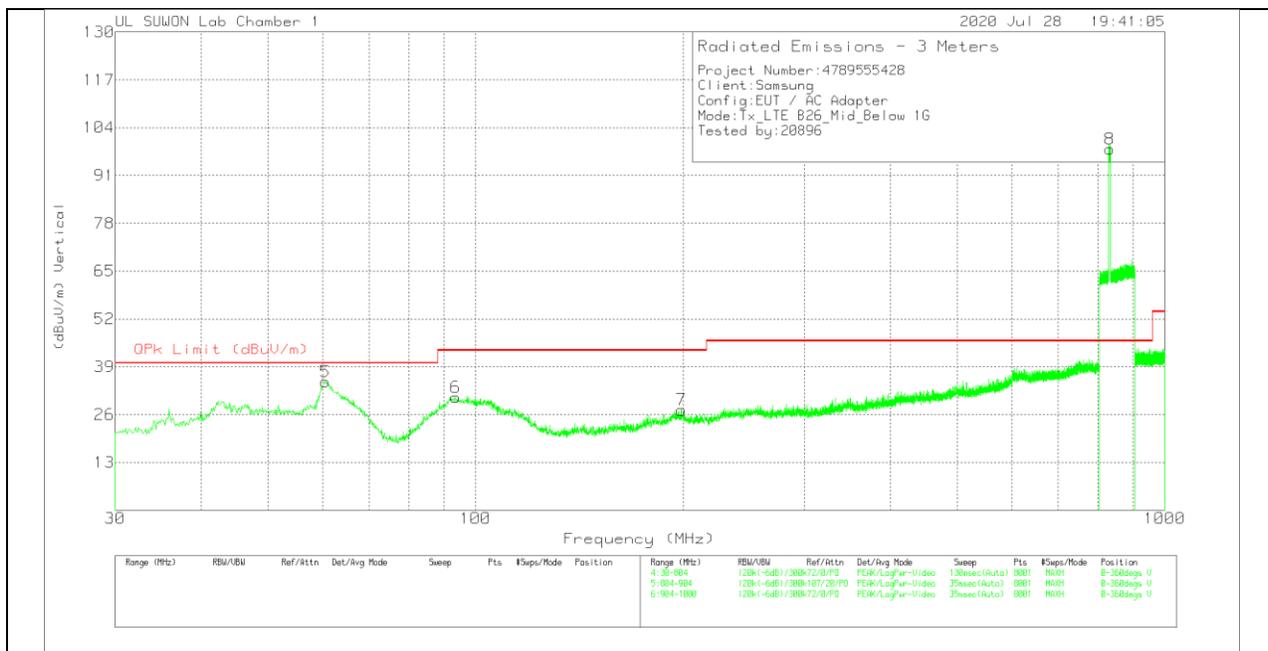
Qp - Quasi-Peak detector

MID CHANNEL(876.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

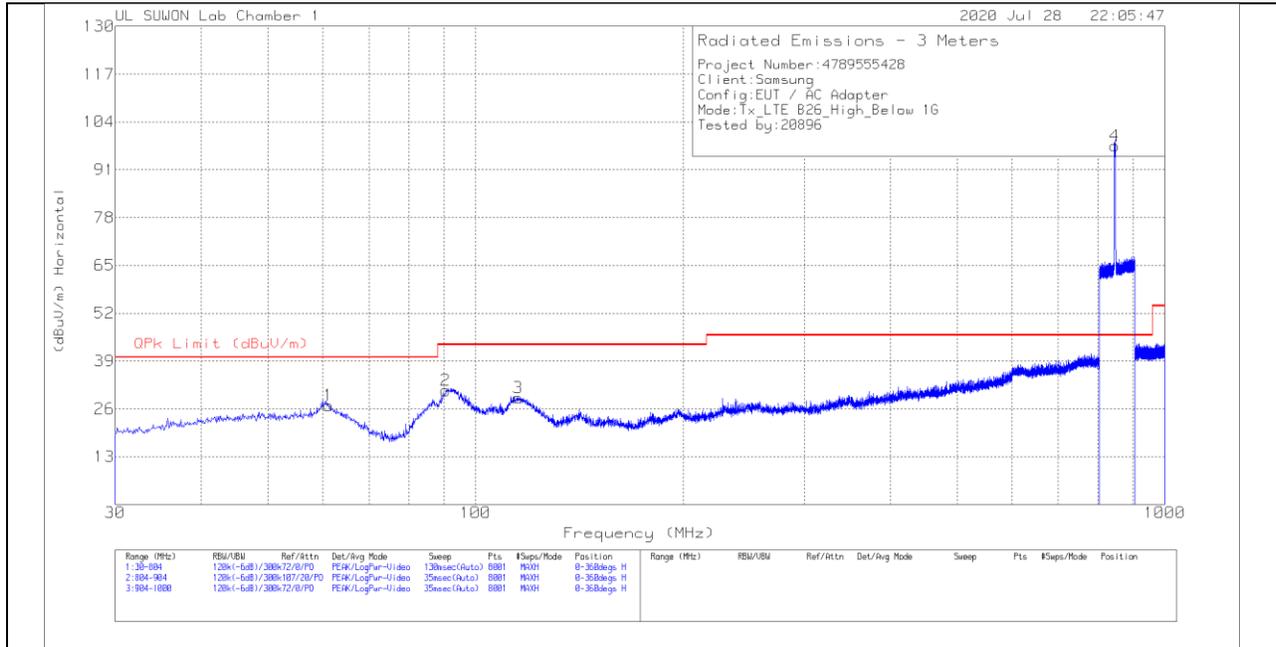
Trace Markers

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	60.573	7.48	Pk	18.4	2.1	27.98	40	-12.02	0-360	400	H
2	91.7265	12.31	Pk	16.4	2.6	31.31	43.52	-12.21	0-360	300	H
3	118.0425	10.11	Pk	15.8	2.9	28.81	43.52	-14.71	0-360	300	H
4	831.3	64.2	Pk	27.2	7.7	99.1	46.02	53.08	0-360	200	H
5	60.573	13.05	Pk	18.4	3.5	34.95	40	-5.05	0-360	100	V
6	93.5648	9.89	Pk	16.9	3.9	30.69	43.52	-12.83	0-360	100	V
7	198.9255	4.67	Pk	17.9	4.7	27.27	43.52	-16.25	0-360	400	V
8	831.7625	63.22	Pk	27.2	7.7	98.12	46.02	52.1	0-360	100	V

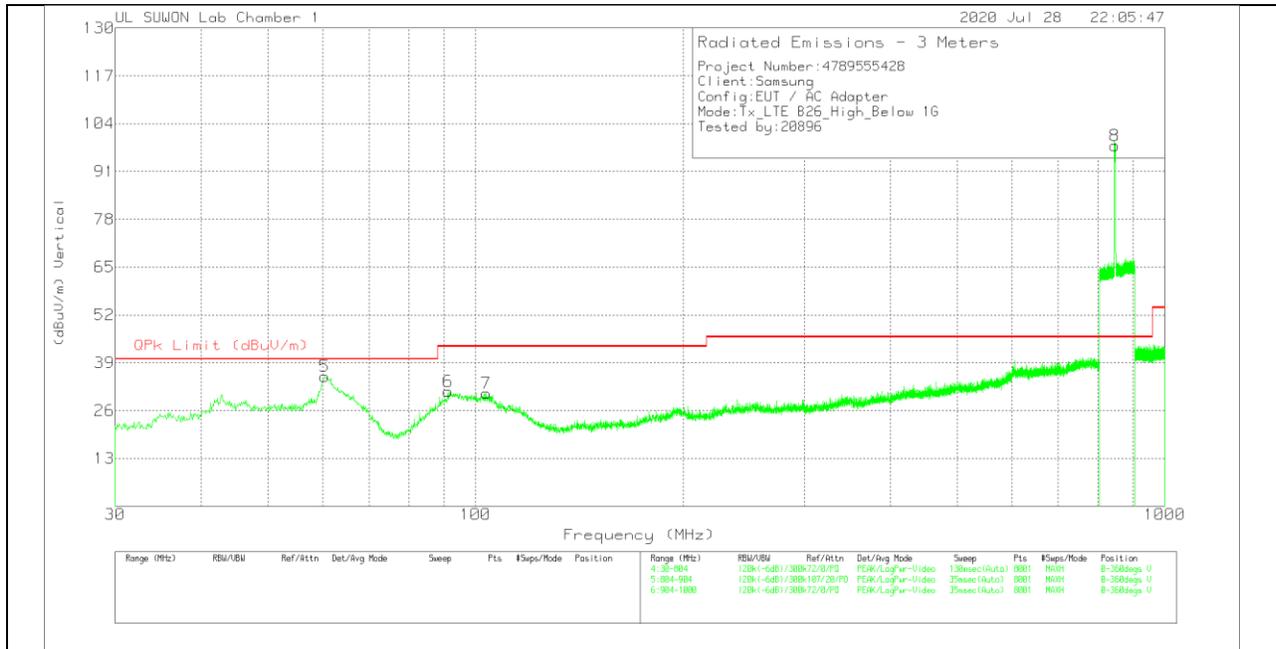
Pk - Peak detector

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	61.1051	6.53	Pk	18.3	2.1	26.93	40	-13.07	0-360	400	H
2	90.5655	12.5	Pk	15.9	2.6	31	43.52	-12.52	0-360	300	H
3	115.14	9.88	Pk	16.3	2.9	29.08	43.52	-14.44	0-360	300	H
4	846.7625	62.29	Pk	27.4	7.8	97.49	46.02	51.47	0-360	100	H
5	60.3795	13.32	Pk	18.5	3.5	35.32	40	-4.68	0-360	100	V
6	91.2428	11.09	Pk	16.2	3.9	31.19	43.52	-12.33	0-360	100	V
7	103.6268	8.93	Pk	17.9	3.9	30.73	43.52	-12.79	0-360	100	V
8	846.2375	62.8	Pk	27.4	7.8	98	46.02	51.98	0-360	100	V

Pk - Peak detector

END OF TEST REPORT