

## Appendix B : Cellular receiver Part15B test results

### 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, ANT+ and NFC  
**MODEL NUMBER:** SM-G889A  
**SERIAL NUMBER:** R38M109WC0D, R38M109WC2T, R38M109WB4F  
**DATE TESTED:** MAR 11, 2019 – MAR 18, 2019

### 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. EQUIPMENT UNDER TEST

#### 3.1. DESCRIPTION OF EUT

The EUT is a GSM/WCDMA/LTE Phone + BT/BLE, DTS/UNII a/b/g/n/ac, ANT+ and NFC.  
This test report addresses the WWAN receiver mode.  
(GSM850/WCDMA B5/LTE B5/LTE B12/LTE B14)

#### 3.2. 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 14	Communicating with Call simulator(CMW500)

### 3.1. WORST-CASE ORIENTATION

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

For GSM850 / WCDMA Band 5 / LTE Band 5 / LTE Band 14, EUT was investigated in three orthogonal orientations X, Y and Z it was determined that Z orientation was worst-case orientation.

### 3.2. DESCRIPTION OF TEST SETUP

#### SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Charger	SAMSUNG	EP-TA300	R37K7EC7HL3SE3	N/A
Data Cable	SAMSUNG	EP-DN930CWE	N/A	N/A
Earphone	SAMSUNG	GH59-15097A	N/A	N/A

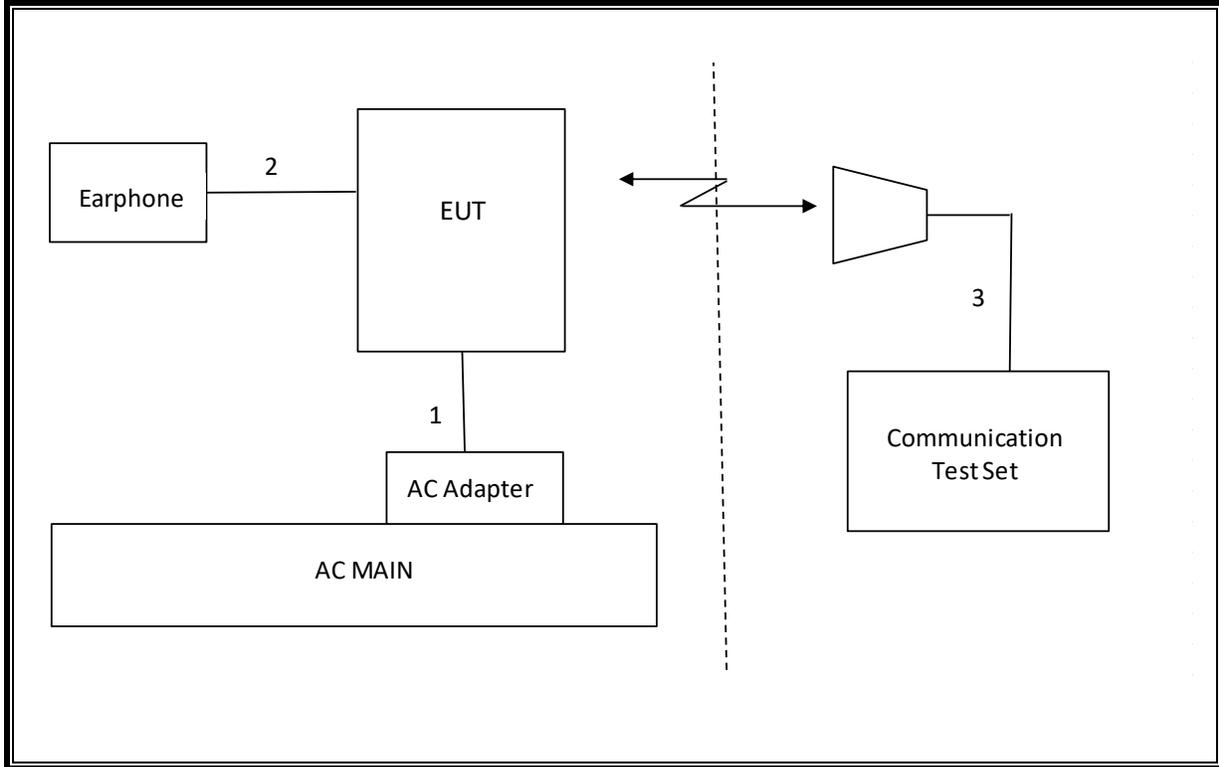
#### I/O CABLES

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
2	Audio	2	Mini-Jack	Unshielded	1.2m	N/A

#### TEST SETUP

The EUT is continuously communicated with the call box during the tests.

**SETUP DIAGRAM FOR TESTS (RADIATED TEST SETUP)**



## 4. TEST AND MEASUREMENT EQUIPMENT

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

Test Equipment List				
Description	Manufacturer	Model	S/N	Cal Due
Antenna, Tuned Dipole 400~1000 MHz	ETS	3121D DB4	00164753	06-30-19
Antenna, Horn, 40 GHz	ETS	3116C	00166155	08-14-20
Preamplifier	ETS	3116C-PA	00168841	08-09-19
Antenna, Horn, 40 GHz	ETS	3116C	00168645	12-04-19
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	750	08-04-20
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	845	08-04-20
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	749	08-04-20
Antenna, Horn, 18 GHz	ETS	3115	00167211	08-04-20
Antenna, Horn, 18 GHz	ETS	3115	00161451	08-04-20
Antenna, Horn, 18 GHz	ETS	3117	00168724	08-04-20
Antenna, Horn, 18 GHz	ETS	3117	00205959	08-04-20
Antenna, Horn, 18 GHz	ETS	3117	00168717	08-04-20
Communications Test Set	R&S	CMW500	115331	08-07-19
Preamplifier, 1000 MHz	Sonoma	310N	341282	08-07-19
Preamplifier, 1000 MHz	Sonoma	310N	370599	08-06-19
Preamplifier, 1000 MHz	Sonoma	310N	351741	08-07-19
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1876511	08-07-19
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	2029169	08-07-19
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1896138	08-07-19
EMI Test Receive, 40 GHz	R&S	ESU40	100439	08-06-19
EMI Test Receive, 40 GHz	R&S	ESU40	100457	08-06-19
EMI Test Receive, 44 GHz	R&S	ESW40	101590	08-06-19
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G005	08-08-19
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G006	08-08-19
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	010	08-08-19
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	011	08-08-19
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G001	08-08-19
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G002	08-08-19
Attenuator	PASTERNAK	PE7087-10	A009	08-08-19
Attenuator	PASTERNAK	PE7087-10	A001	08-08-19
Attenuator	PASTERNAK	PE7087-10	A008	08-08-19
Attenuator	PASTERNAK	PE7087-10	2	08-07-19
Attenuator	PASTERNAK	PE7395-10	A011	08-08-19
Antenna, Loop, 9kHz-30MHz	R&S	HFH2-Z2	100418	10-26-19
UL Software				
Description	Manufacturer	Model	Version	
Radiated software	UL	UL EMC	Ver 9.5	

## 5. APPLICABLE LIMITS AND TEST RESULTS

### TEST PROCEDURE

ANSI C63.4: 2014

### LIMIT

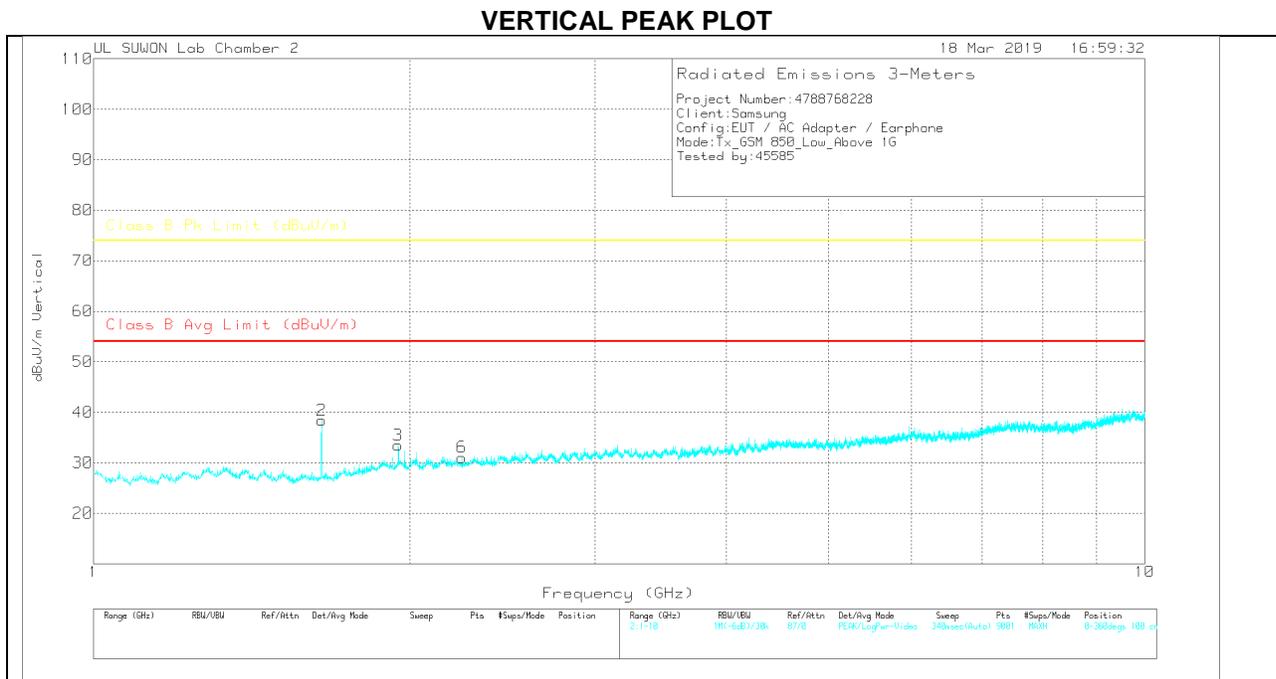
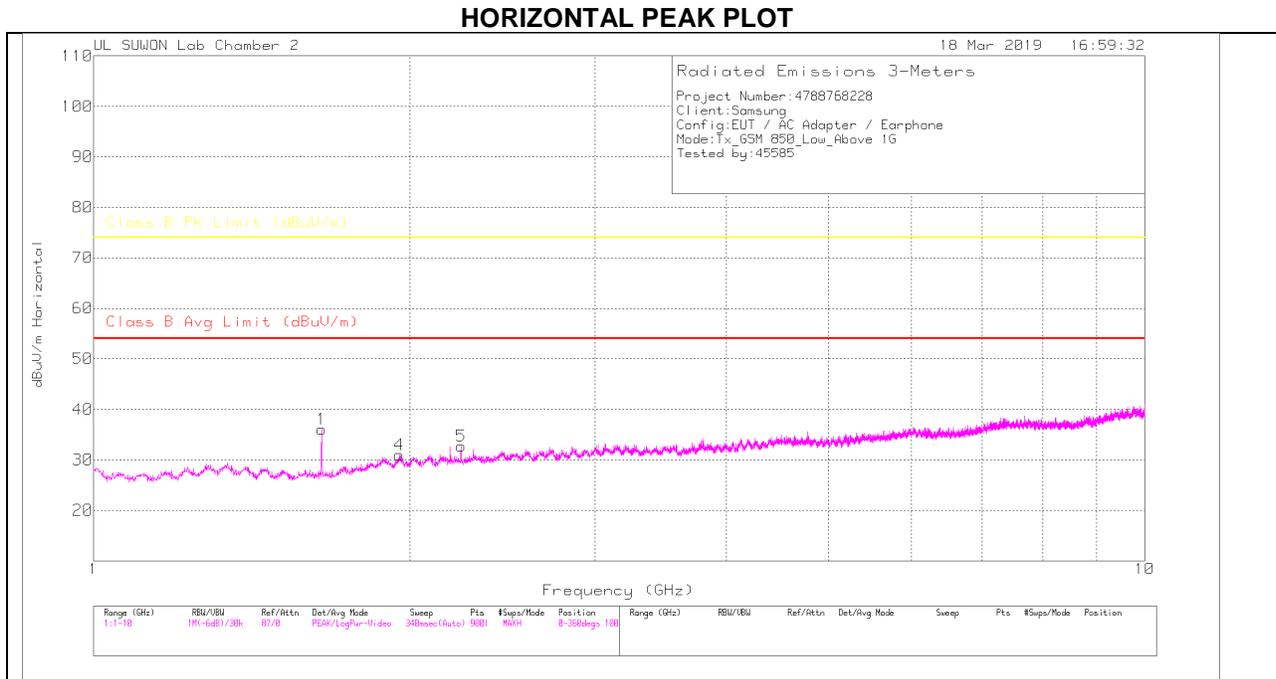
§15.109 (a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

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

### 5.1. Above 1 GHz in the GSM850

#### LOW CHANNEL(869.2MHz)



**DATA**

Trace Markers

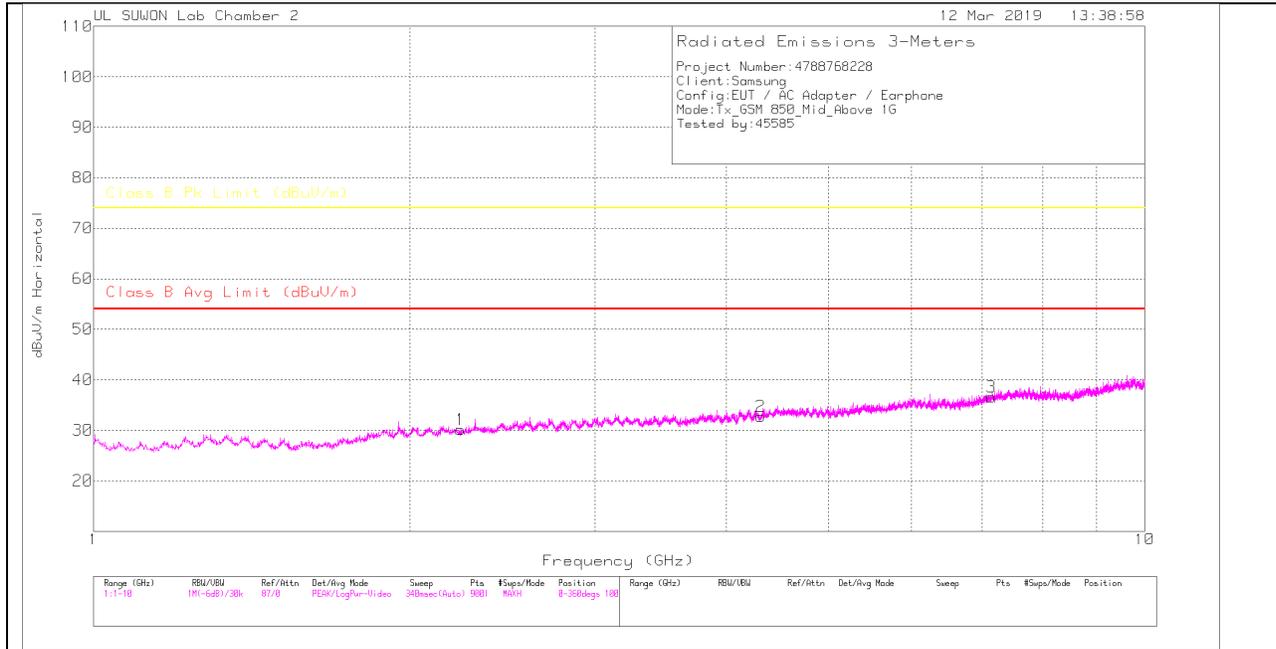
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz[dB]	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.648	38.53	PK	28.3	-31.4	.6	36.03	-	-	74	-37.97	0-360	100	H
4	1.954	30.36	PK	31.1	-31	.5	30.96	-	-	74	-43.04	0-360	100	H
5	2.236	31.7	PK	31.4	-30.8	.4	32.7	-	-	74	-41.3	0-360	100	H
2	1.648	40.94	PK	28.3	-31.4	.6	38.44	-	-	74	-35.56	0-360	200	V
3	1.949	32.93	PK	31.1	-31.1	.5	33.43	-	-	74	-40.57	0-360	100	V
6	2.24	30.06	PK	31.4	-30.8	.4	31.06	-	-	74	-42.94	0-360	100	V

PK – Peak Detector

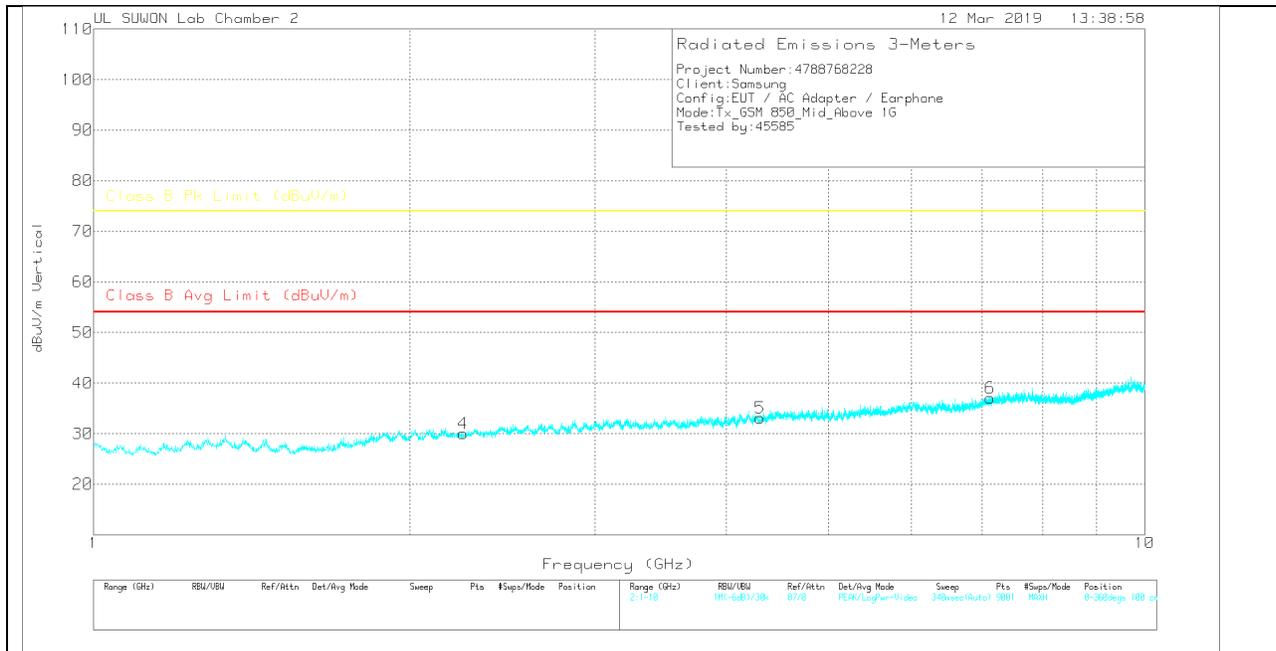
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**MID CHANNEL(881.6MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

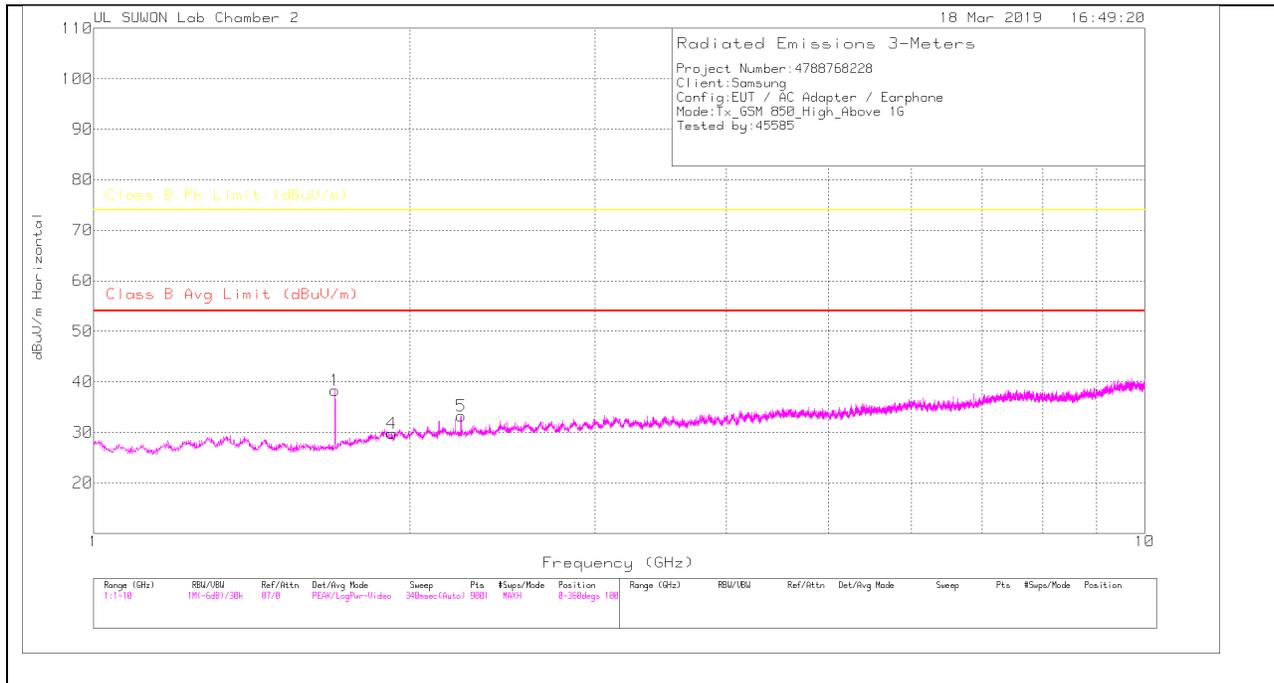
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)/Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.233	29.15	PK	31.4	-30.8	.4	30.15	-	-	74	-43.85	0-360	100	H
2	4.309	27.94	PK	33.5	-29.1	.4	32.74	-	-	74	-41.26	0-360	200	H
3	7.152	25.49	PK	36	-25.4	.5	36.59	-	-	74	-37.41	0-360	100	H
4	2.245	29.01	PK	31.4	-30.8	.4	30.01	-	-	74	-43.99	0-360	100	V
5	4.304	28.15	PK	33.5	-29	.4	33.05	-	-	74	-40.95	0-360	200	V
6	7.132	25.97	PK	36	-25.4	.5	37.07	-	-	74	-36.93	0-360	100	V

PK – Peak Detector

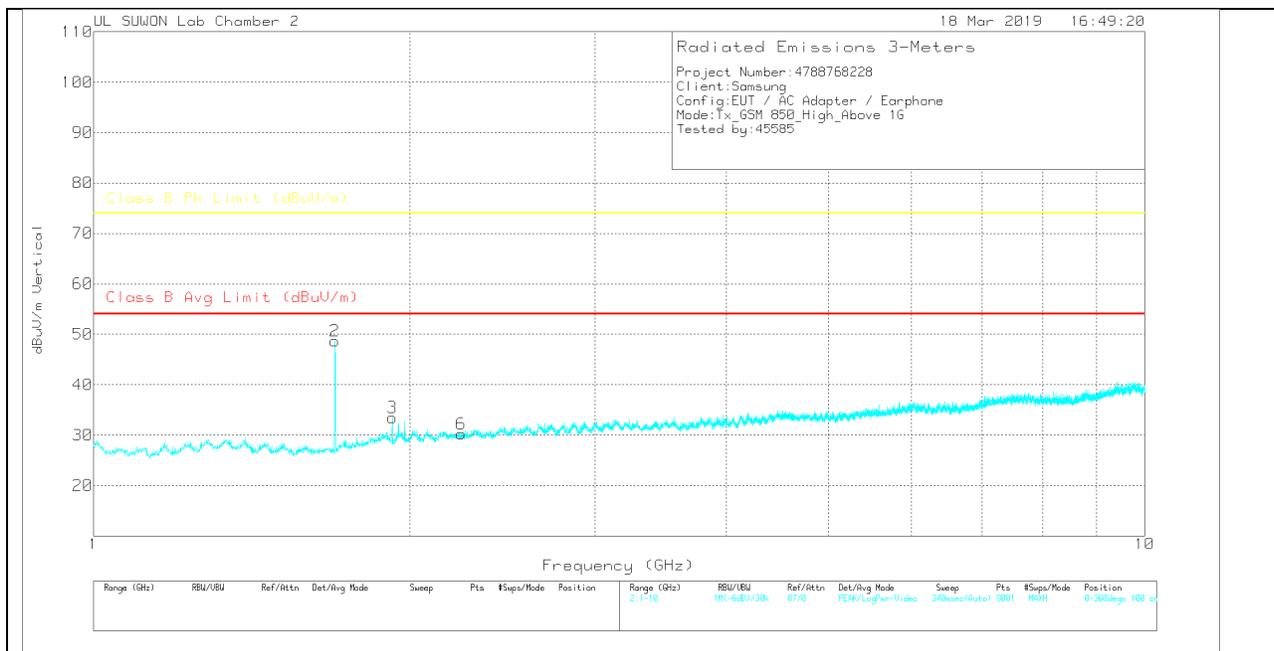
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**HIGH CHANNEL(893.8MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

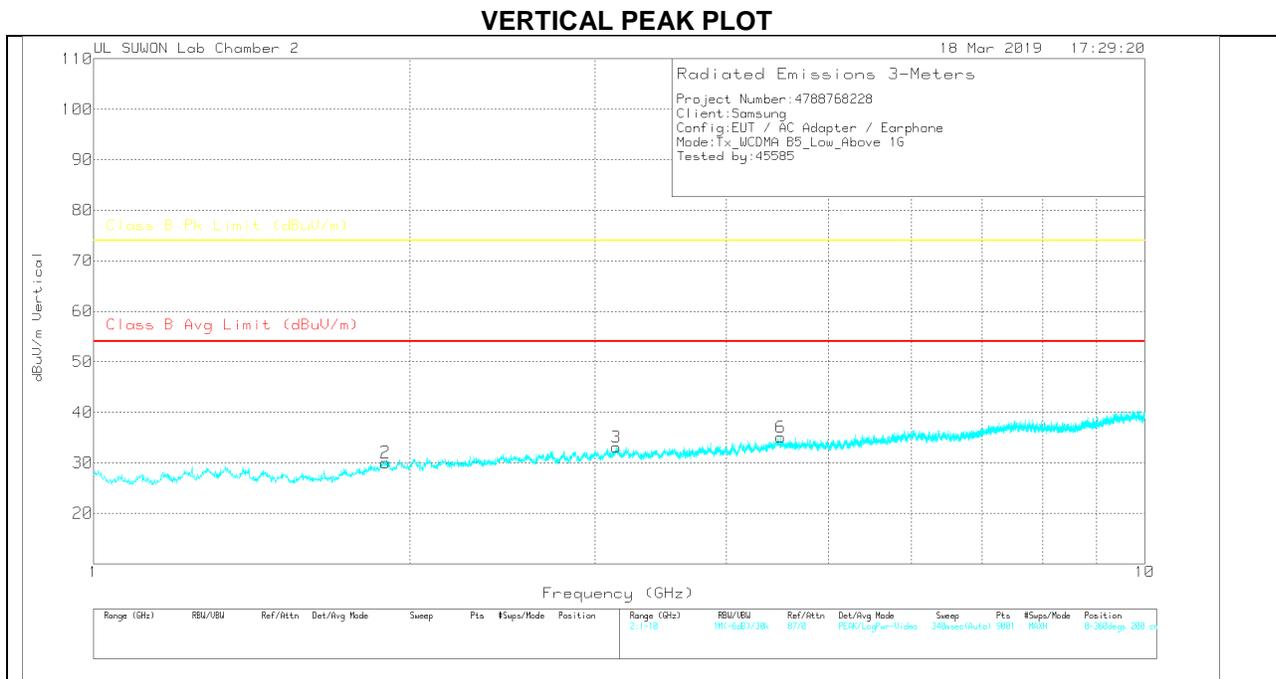
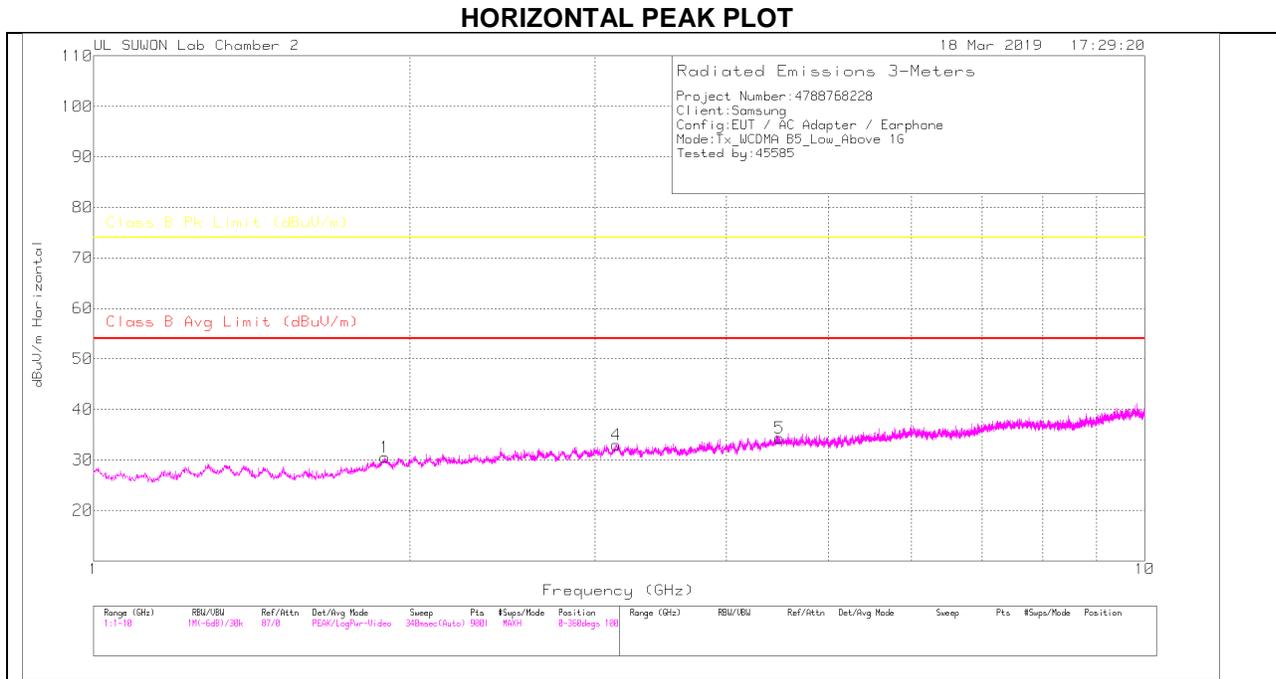
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)/Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.697	40.34	PK	28.6	-31.3	.6	38.24	-	-	74	-35.76	0-360	100	H
4	1.922	29.4	PK	30.9	-31.1	.6	29.8	-	-	74	-44.2	0-360	100	H
5	2.236	32.19	PK	31.4	-30.8	.4	33.19	-	-	74	-40.81	0-360	200	H
2	1.697	50.76	PK	28.6	-31.3	.6	48.66	-	-	74	-25.34	0-360	200	V
3	1.924	32.96	PK	31	-31.1	.6	33.46	-	-	74	-40.54	0-360	100	V
6	2.236	29.25	PK	31.4	-30.8	.4	30.25	-	-	74	-43.75	0-360	100	V

PK – Peak Detector

Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

### 5.1. Above 1 GHz in the WCDMA Band 5

#### LOW CHANNEL(871.4MHz)



**DATA**

Trace Markers

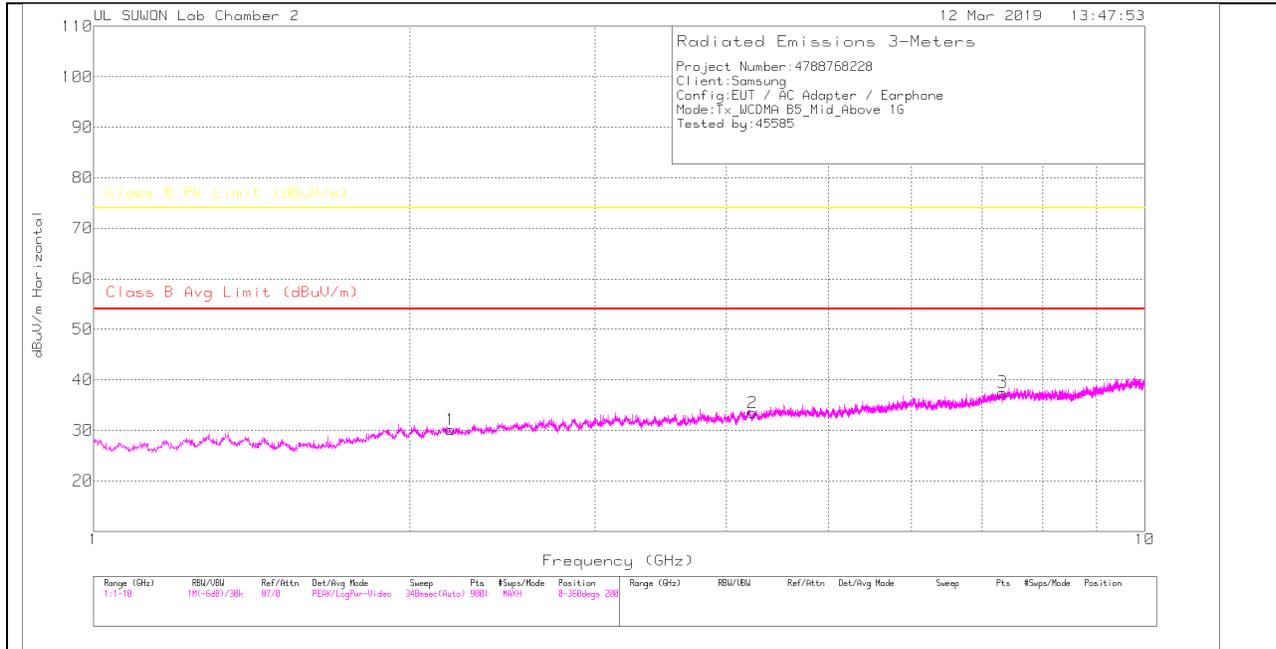
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPP)/Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.893	30.11	PK	30.8	-31.1	.7	30.51	-	-	74	-43.49	0-360	200	H
4	3.143	28.98	PK	32.9	-29.6	.7	32.98	-	-	74	-41.02	0-360	200	H
5	4.494	28.59	PK	33.8	-28.5	.4	34.29	-	-	74	-39.71	0-360	100	H
2	1.895	29.67	PK	30.8	-31.1	.7	30.07	-	-	74	-43.93	0-360	200	V
3	3.143	29.06	PK	32.9	-29.6	.7	33.06	-	-	74	-40.94	0-360	200	V
6	4.503	29.26	PK	33.8	-28.4	.4	35.06	-	-	74	-38.94	0-360	200	V

PK – Peak Detector

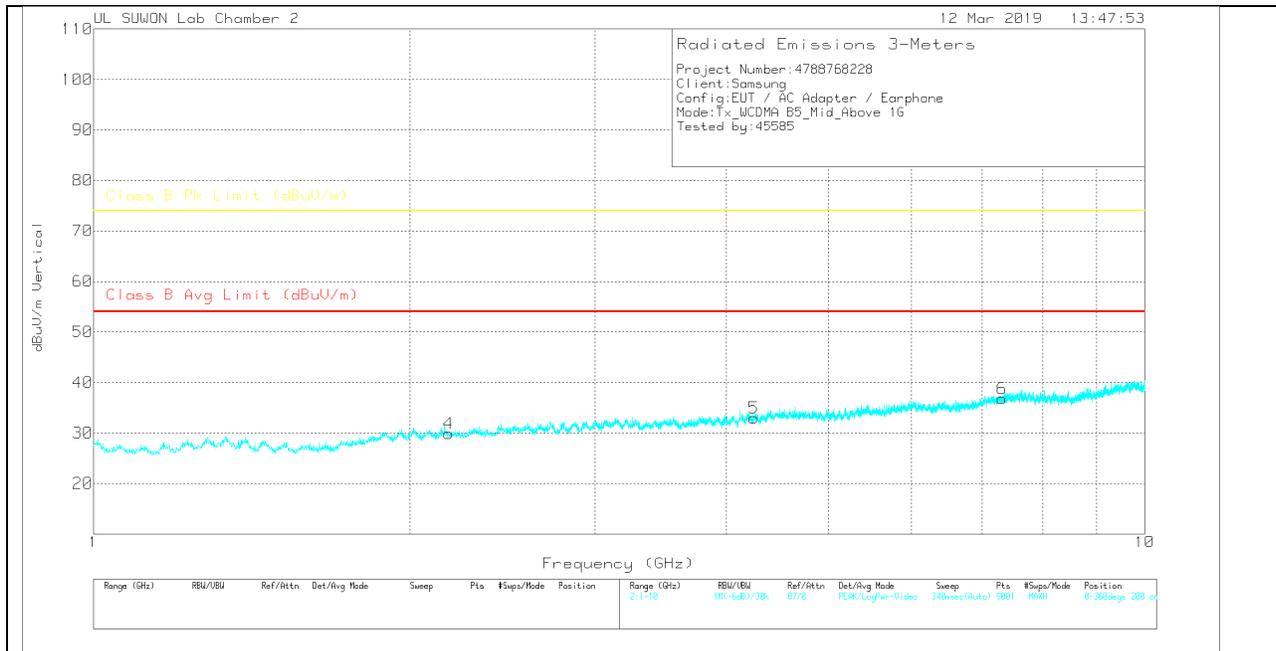
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**MID CHANNEL(881.6MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

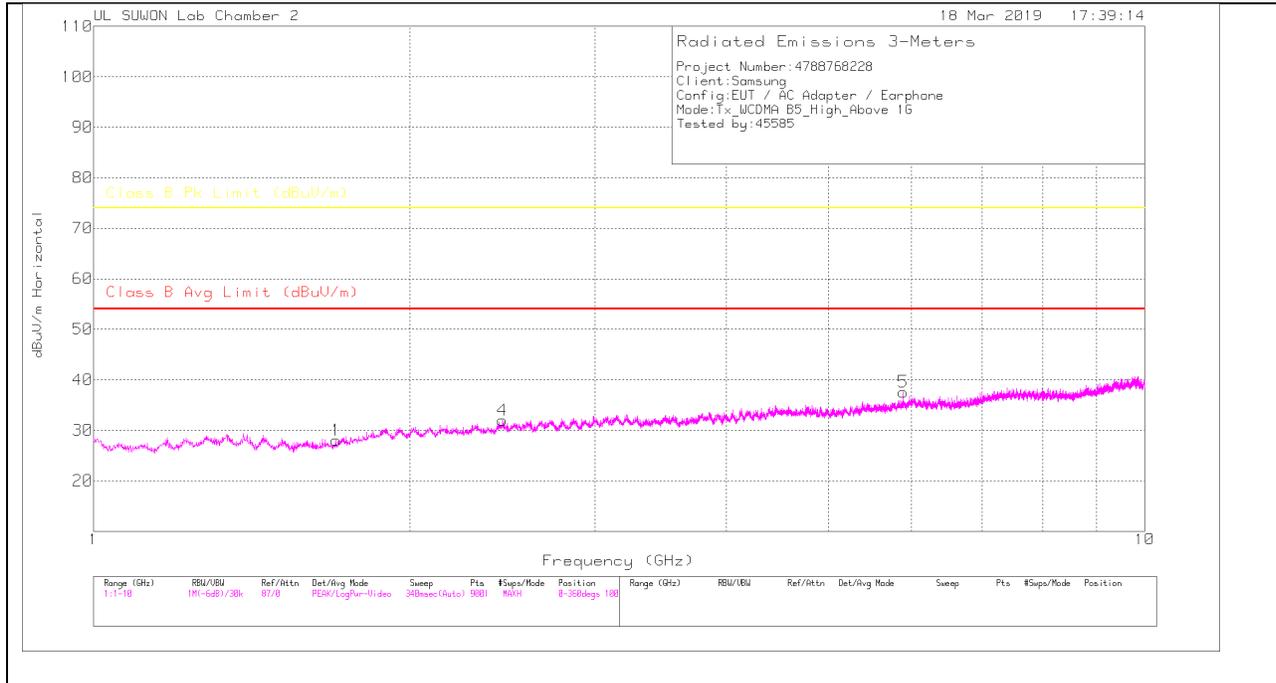
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)/Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.186	28.91	PK	31.3	-30.7	.6	30.11	-	-	74	-43.89	0-360	200	H
2	4.238	28.13	PK	33.4	-28.5	.4	33.43	-	-	74	-40.57	0-360	200	H
3	7.33	26.69	PK	36.2	-25.8	.4	37.49	-	-	74	-36.51	0-360	200	H
4	2.178	28.74	PK	31.3	-30.7	.6	29.94	-	-	74	-44.06	0-360	200	V
5	4.247	27.64	PK	33.4	-28.5	.4	32.94	-	-	74	-41.06	0-360	100	V
6	7.315	26.15	PK	36.2	-25.9	.4	36.85	-	-	74	-37.15	0-360	100	V

PK – Peak Detector

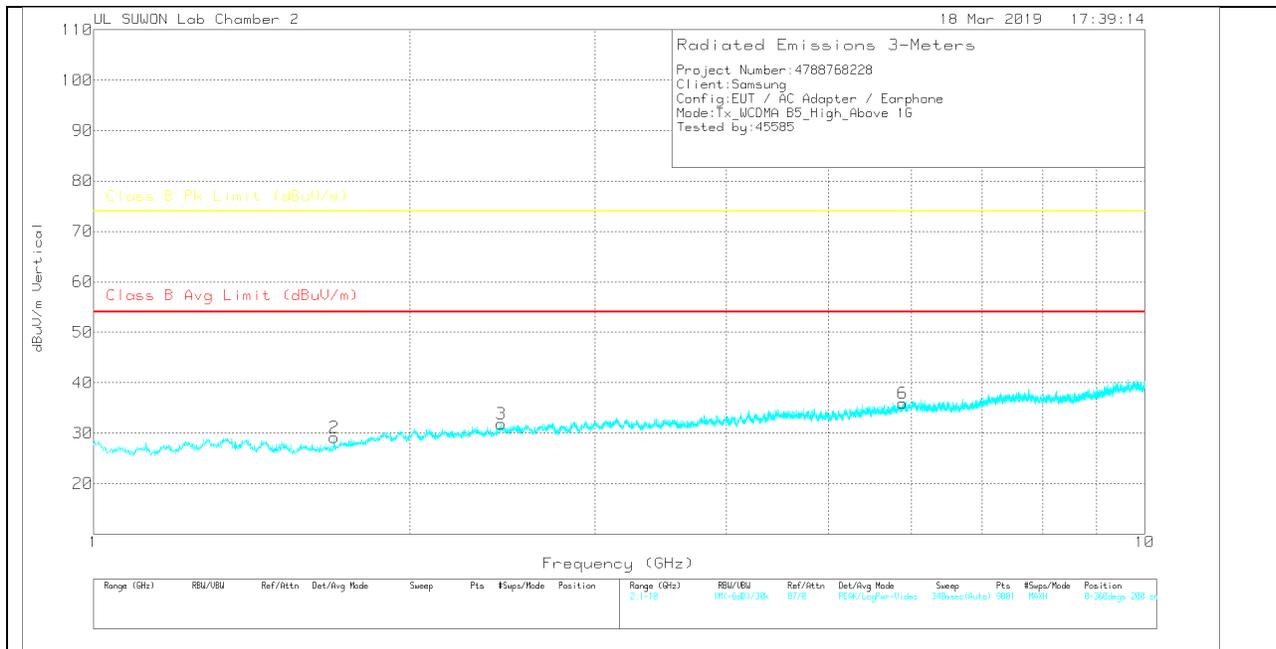
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**HIGH CHANNEL(891.6MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.701	29.98	PK	28.7	-31.3	.6	27.98	-	-	74	-46.02	0-360	200	H
4	2.45	29.89	PK	31.8	-30.5	.8	31.99	-	-	74	-42.01	0-360	100	H
5	5.892	29.71	PK	34.9	-27.5	.5	37.61	-	-	74	-36.39	0-360	200	H
2	1.694	31.27	PK	28.6	-31.3	.6	29.17	-	-	74	-44.83	0-360	200	V
3	2.442	29.66	PK	31.8	-30.4	.8	31.86	-	-	74	-42.14	0-360	100	V
6	5.888	28.01	PK	34.9	-27.5	.5	35.91	-	-	74	-38.09	0-360	200	V

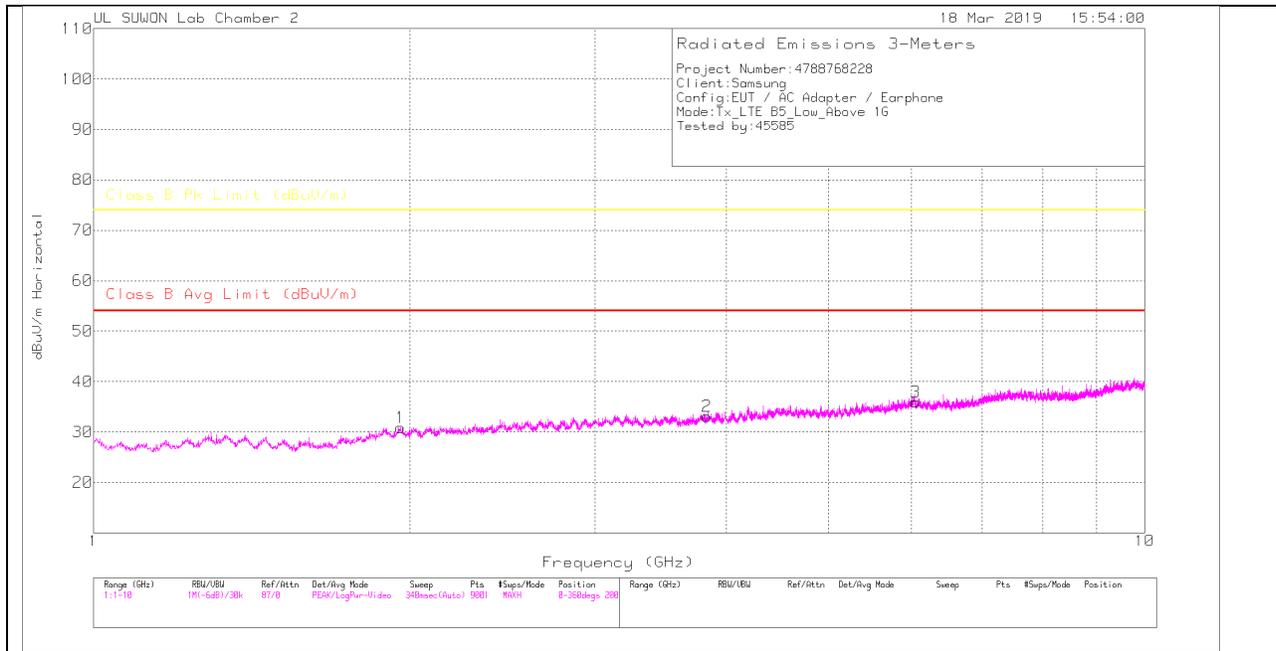
PK – Peak Detector

Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

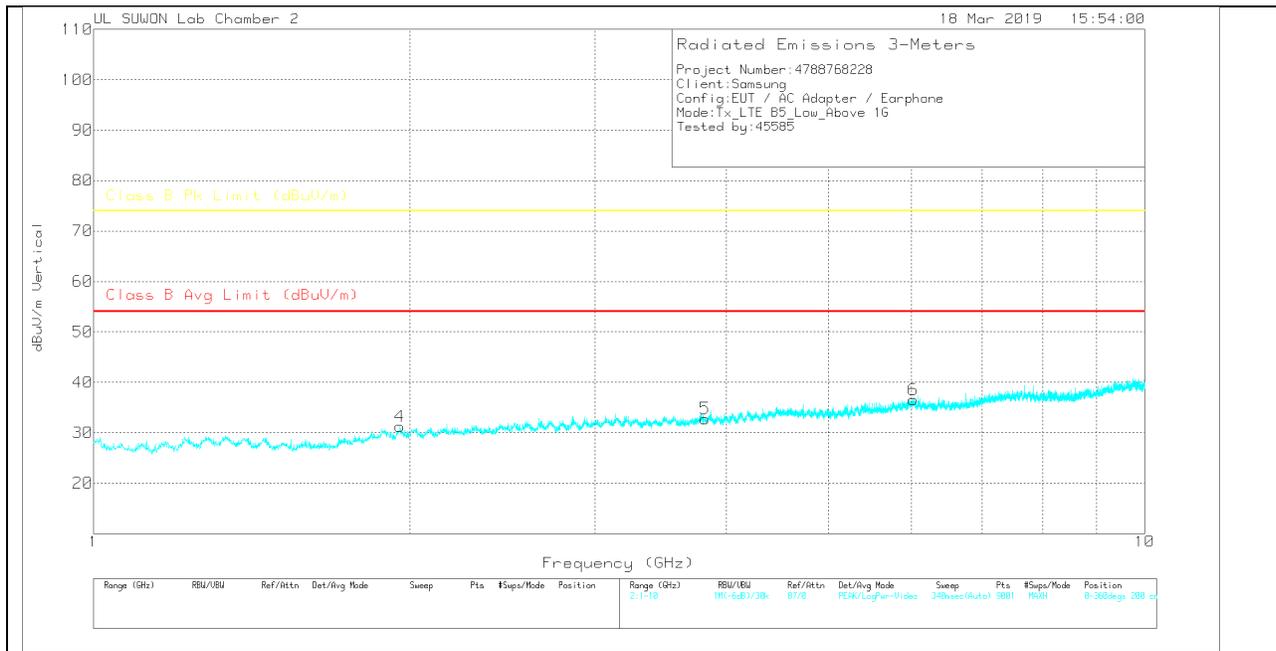
## 5.2. Above 1 GHz in the LTE Band 5

### LOW CHANNEL(870.5MHz)

#### HORIZONTAL PEAK PLOT



#### VERTICAL PEAK PLOT



**DATA**

Trace Markers

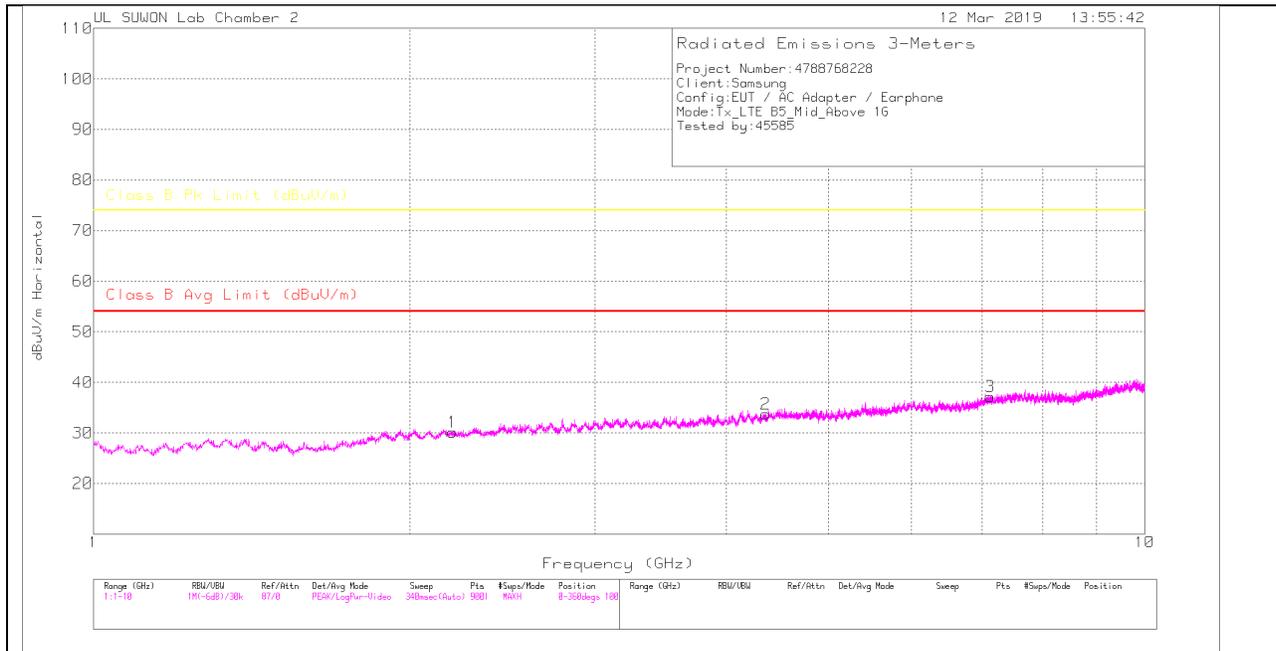
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)/Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.958	30.4	PK	31.1	-31.1	.5	30.9	-	-	74	-43.1	0-360	200	H
2	3.833	28.47	PK	33.3	-29.1	.4	33.07	-	-	74	-40.93	0-360	200	H
3	6.059	27.64	PK	35.1	-27.3	.5	35.94	-	-	74	-38.06	0-360	200	H
4	1.957	30.78	PK	31.1	-31.1	.5	31.28	-	-	74	-42.72	0-360	200	V
5	3.816	28.09	PK	33.3	-29.1	.5	32.79	-	-	74	-41.21	0-360	100	V
6	6.021	28.45	PK	35	-27.4	.5	36.55	-	-	74	-37.45	0-360	200	V

PK – Peak Detector

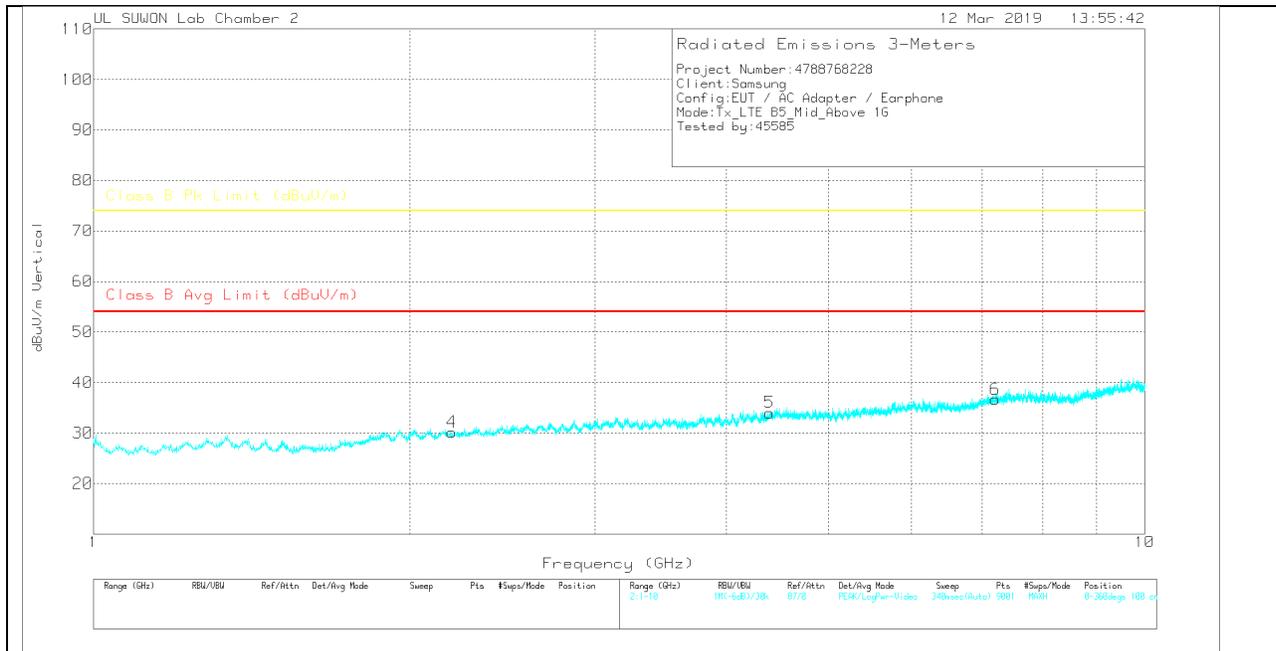
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**MID CHANNEL(881.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

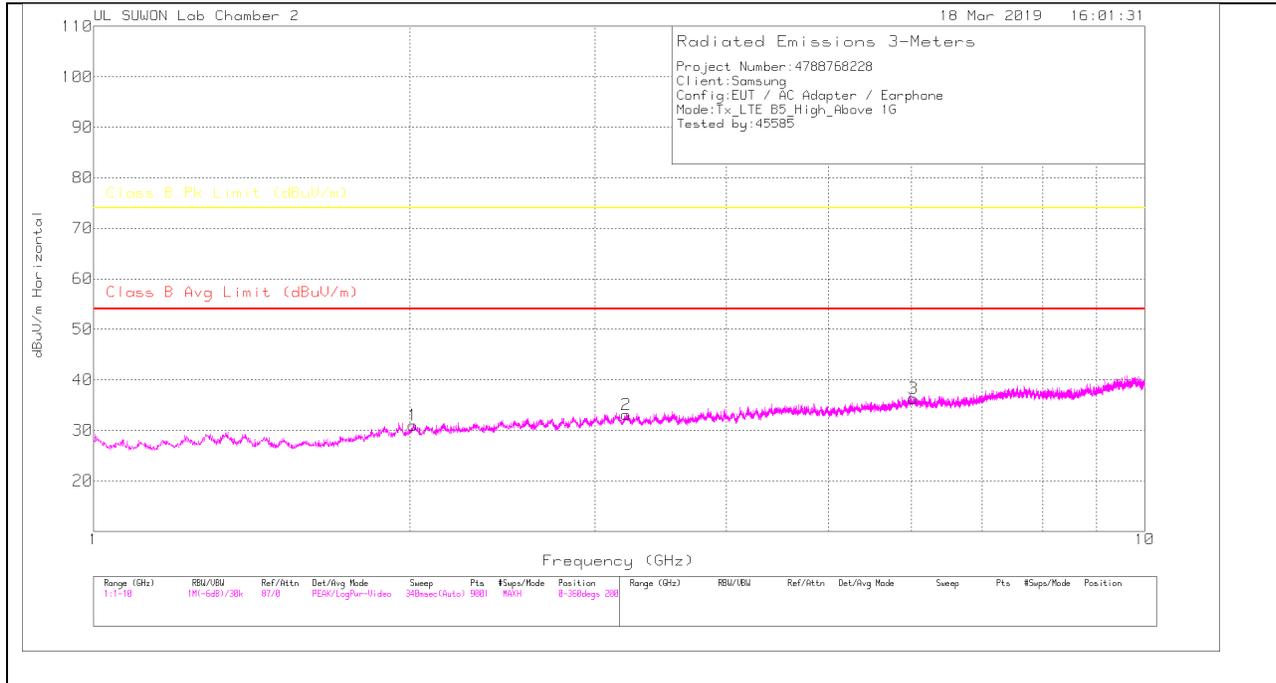
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)/Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.194	28.98	PK	31.4	-30.7	.5	30.18	-	-	74	-43.82	0-360	200	H
2	4.358	28.75	PK	33.6	-29	.4	33.75	-	-	74	-40.25	0-360	100	H
3	7.126	26.08	PK	36	-25.4	.5	37.18	-	-	74	-36.82	0-360	200	H
4	2.191	28.89	PK	31.4	-30.7	.6	30.19	-	-	74	-43.81	0-360	100	V
5	4.397	28.63	PK	33.7	-28.7	.4	34.03	-	-	74	-39.97	0-360	100	V
6	7.202	25.91	PK	36.1	-25.7	.4	36.71	-	-	74	-37.29	0-360	100	V

PK – Peak Detector

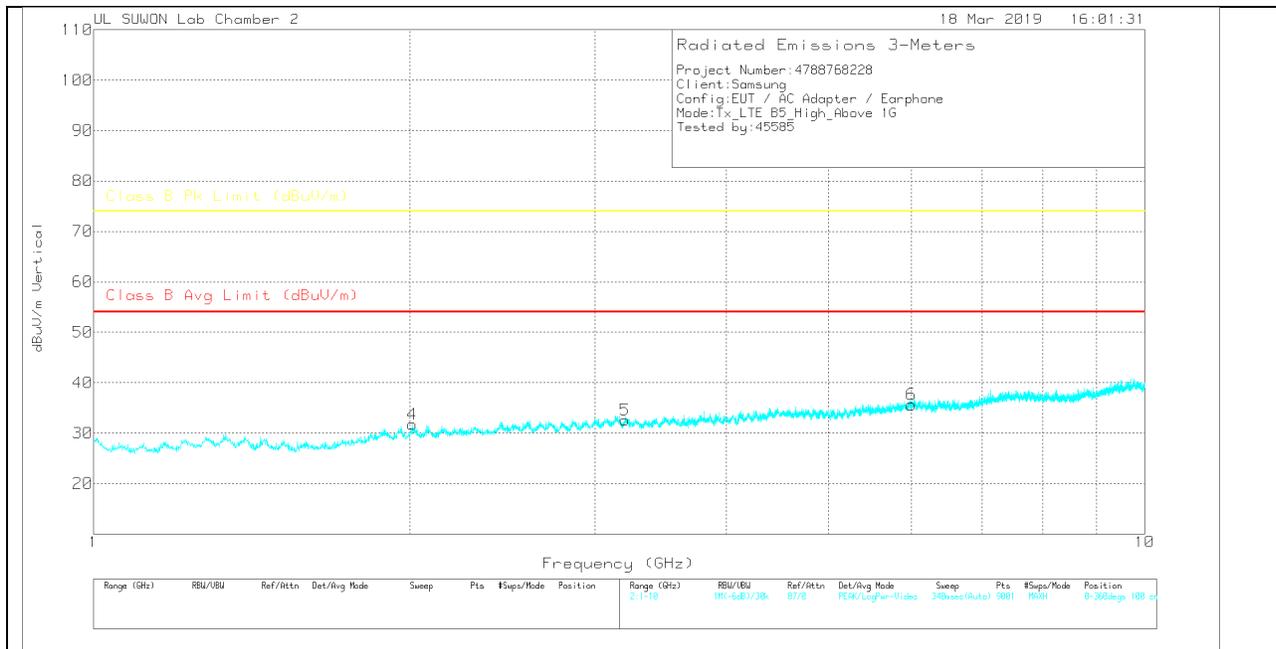
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**HIGH CHANNEL(892.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.012	30.15	PK	31.2	-31	.6	30.95	-	-	74	-43.05	0-360	200	H
2	3.21	29.44	PK	32.9	-29.7	.5	33.14	-	-	74	-40.86	0-360	100	H
3	6.026	28.27	PK	35	-27.4	.5	36.37	-	-	74	-37.63	0-360	100	H
4	2.011	30.92	PK	31.2	-31	.6	31.72	-	-	74	-42.28	0-360	200	V
5	3.201	28.85	PK	32.9	-29.6	.5	32.65	-	-	74	-41.35	0-360	100	V
6	6	27.74	PK	35	-27.5	.4	35.64	-	-	74	-38.36	0-360	100	V

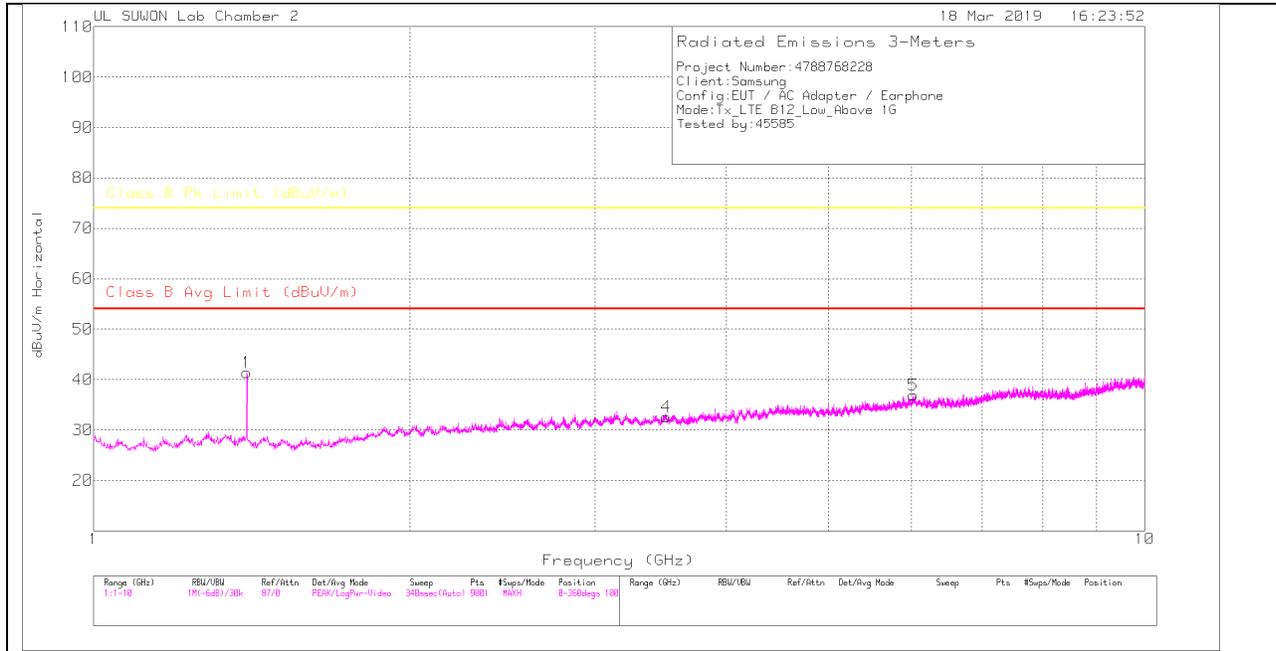
PK – Peak Detector

Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

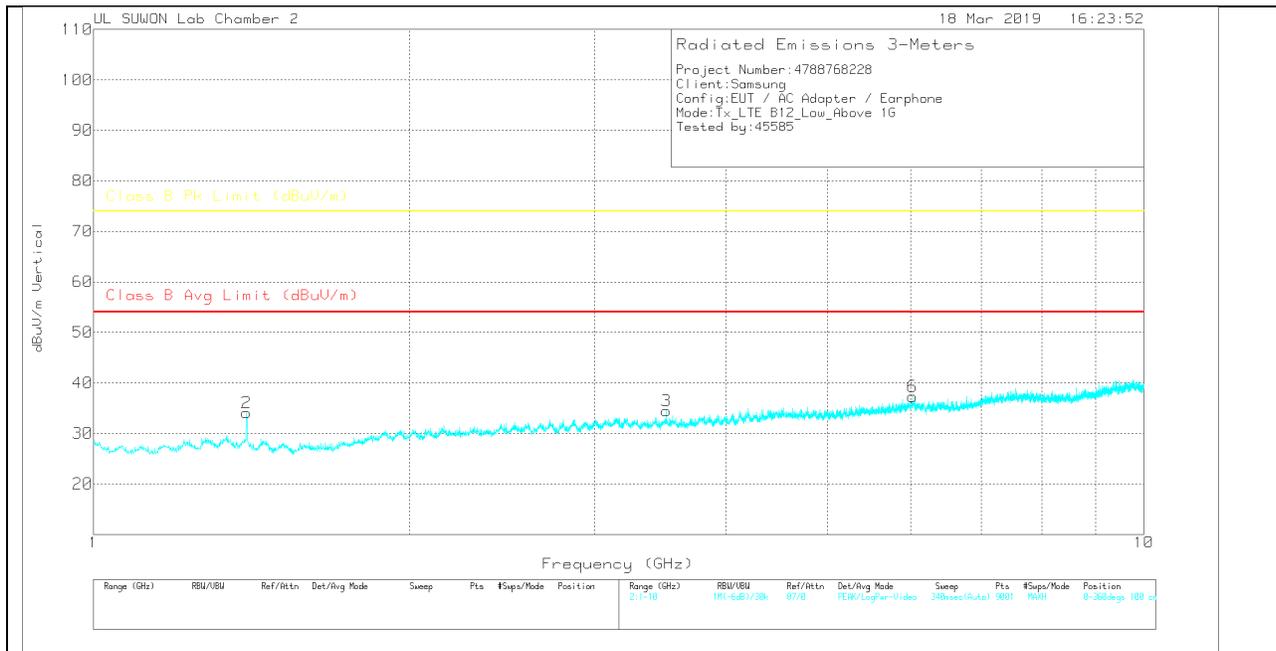
### 5.3. Above 1 GHz in the LTE Band 12

#### LOW CHANNEL(730.5MHz)

#### HORIZONTAL PEAK PLOT



#### VERTICAL PEAK PLOT



**DATA**

Trace Markers

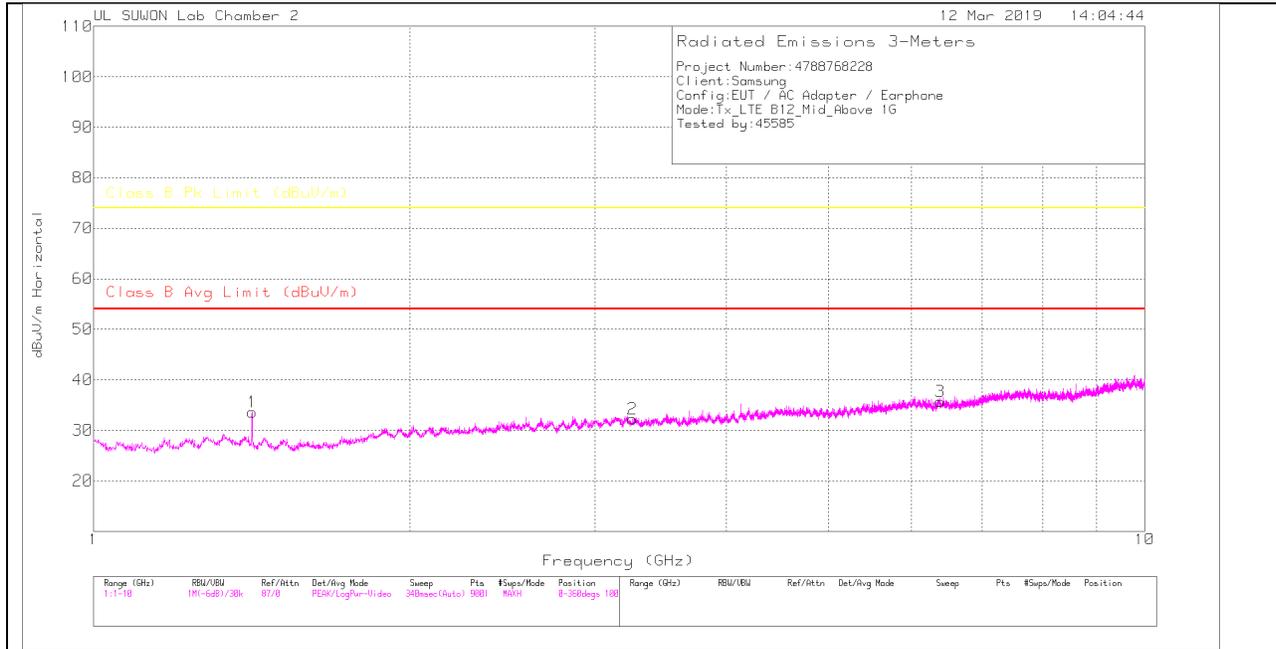
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPP)/Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.399	43.12	PK	29.4	-31.7	.6	41.42	-	-	74	-32.58	0-360	100	H
4	3.508	28.16	PK	32.7	-28.9	.6	32.56	-	-	74	-41.44	0-360	200	H
5	6.022	28.86	PK	35	-27.4	.5	36.96	-	-	74	-37.04	0-360	100	H
2	1.399	35.77	PK	29.4	-31.7	.6	34.07	-	-	74	-39.93	0-360	200	V
3	3.512	30.11	PK	32.7	-29	.6	34.41	-	-	74	-39.59	0-360	200	V
6	6.021	29.23	PK	35	-27.4	.5	37.33	-	-	74	-36.67	0-360	200	V

PK – Peak Detector

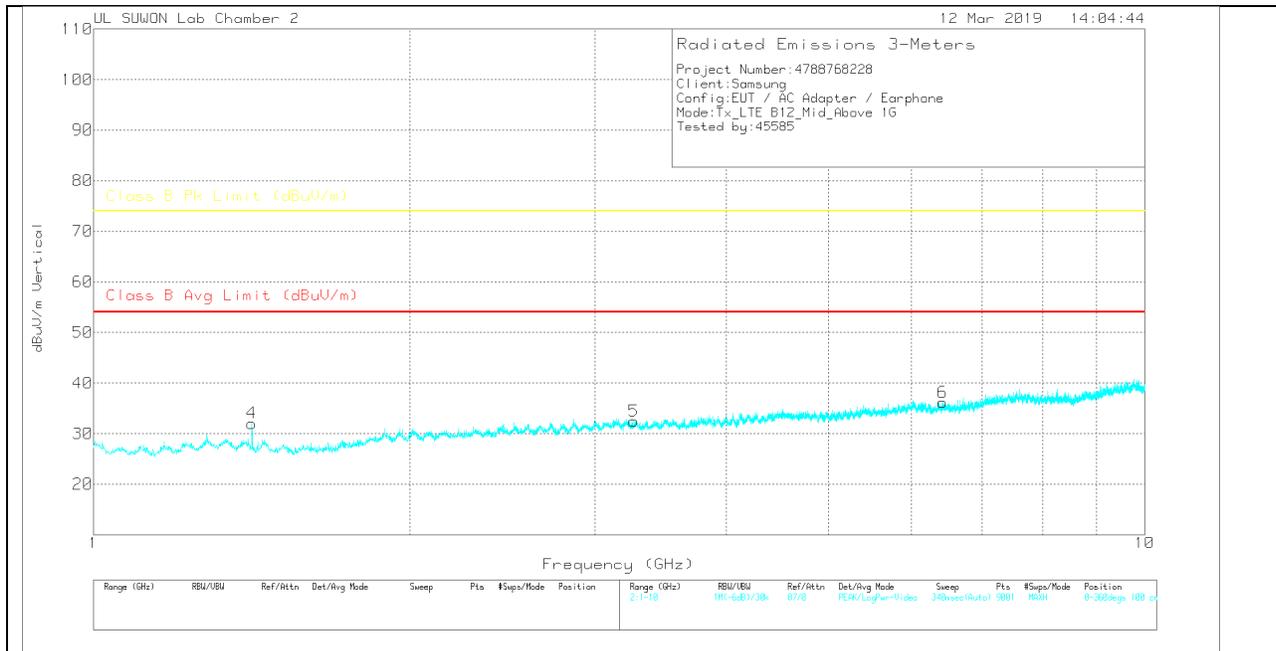
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**MID CHANNEL(737.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

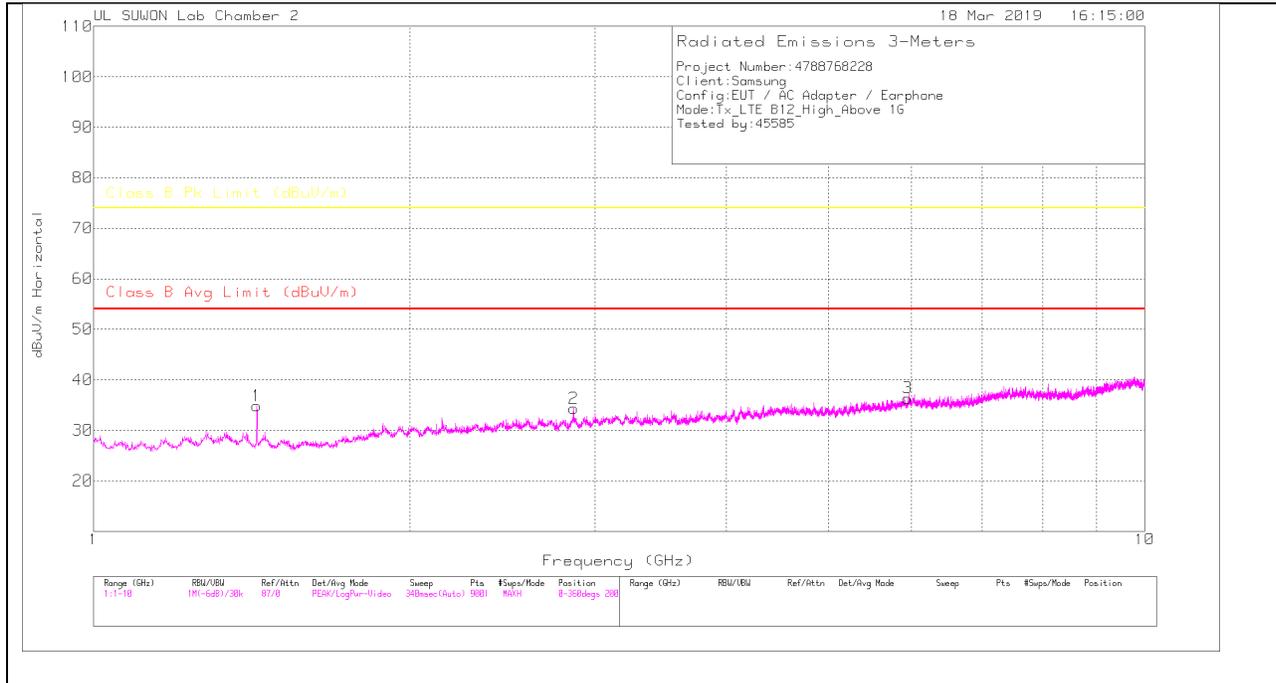
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)/Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.415	35.47	PK	29.3	-31.8	.6	33.57	-	-	74	-40.43	0-360	100	H
2	3.255	28.49	PK	32.8	-29.8	.7	32.19	-	-	74	-41.81	0-360	100	H
3	6.387	26.75	PK	35.2	-26.7	.5	35.75	-	-	74	-38.25	0-360	100	H
4	1.414	33.85	PK	29.3	-31.7	.6	32.05	-	-	74	-41.95	0-360	200	V
5	3.266	28.7	PK	32.8	-29.8	.8	32.5	-	-	74	-41.5	0-360	200	V
6	6.425	27.07	PK	35.3	-26.6	.4	36.17	-	-	74	-37.83	0-360	100	V

PK – Peak Detector

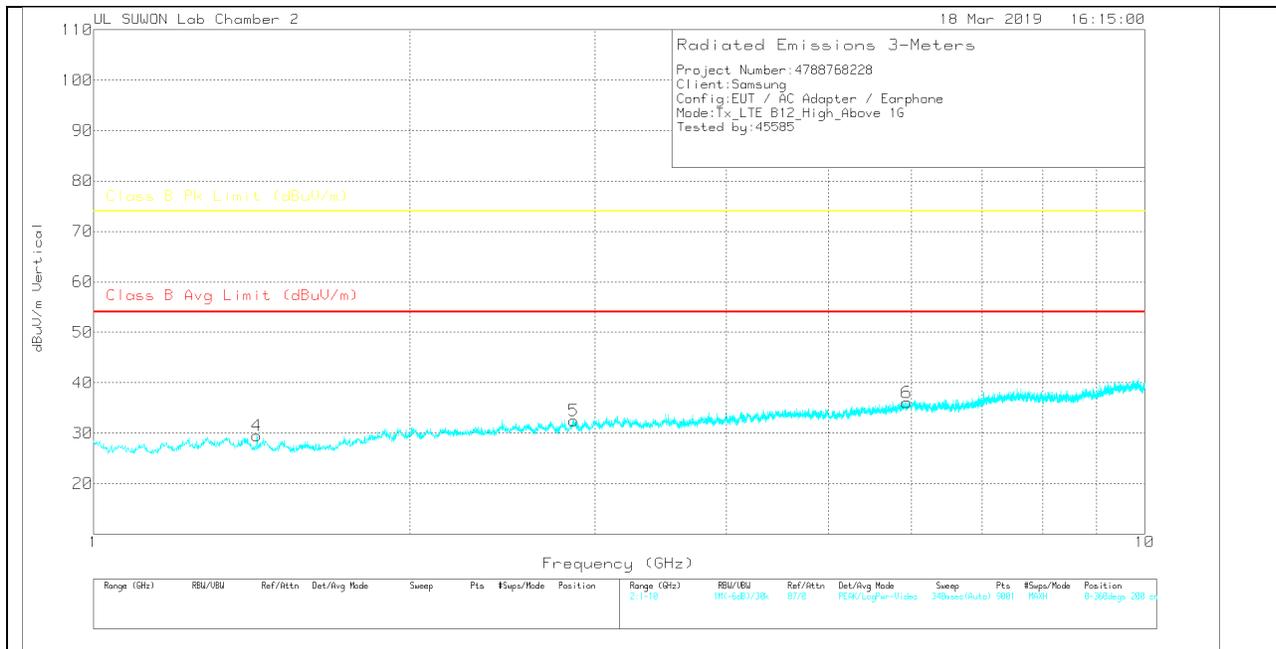
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**HIGH CHANNEL(744.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.43	36.81	PK	29.2	-31.8	.6	34.81	-	-	74	-39.19	0-360	100	H
2	2.861	31.36	PK	32.1	-29.9	.8	34.36	-	-	74	-39.64	0-360	200	H
3	5.949	28.48	PK	35	-27.5	.4	36.38	-	-	74	-37.62	0-360	200	H
4	1.43	31.48	PK	29.2	-31.8	.6	29.48	-	-	74	-44.52	0-360	100	V
5	2.862	29.43	PK	32.1	-29.9	.8	32.43	-	-	74	-41.57	0-360	100	V
6	5.937	28.18	PK	35	-27.5	.4	36.08	-	-	74	-37.92	0-360	100	V

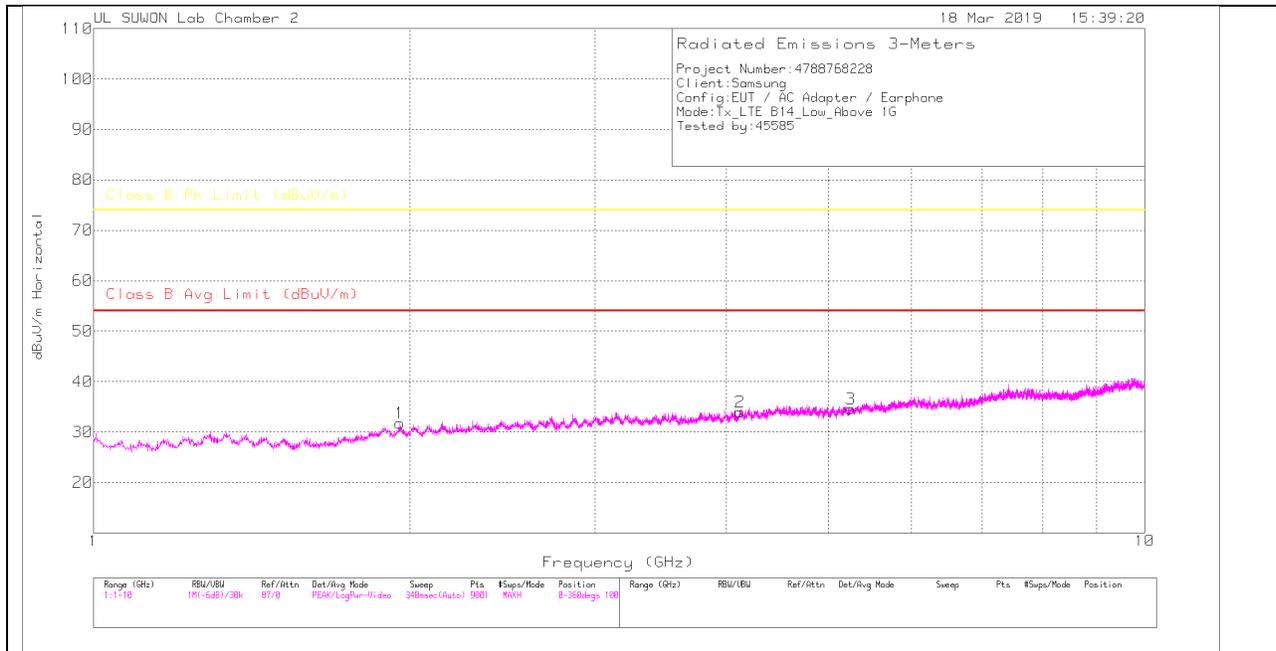
PK – Peak Detector

Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

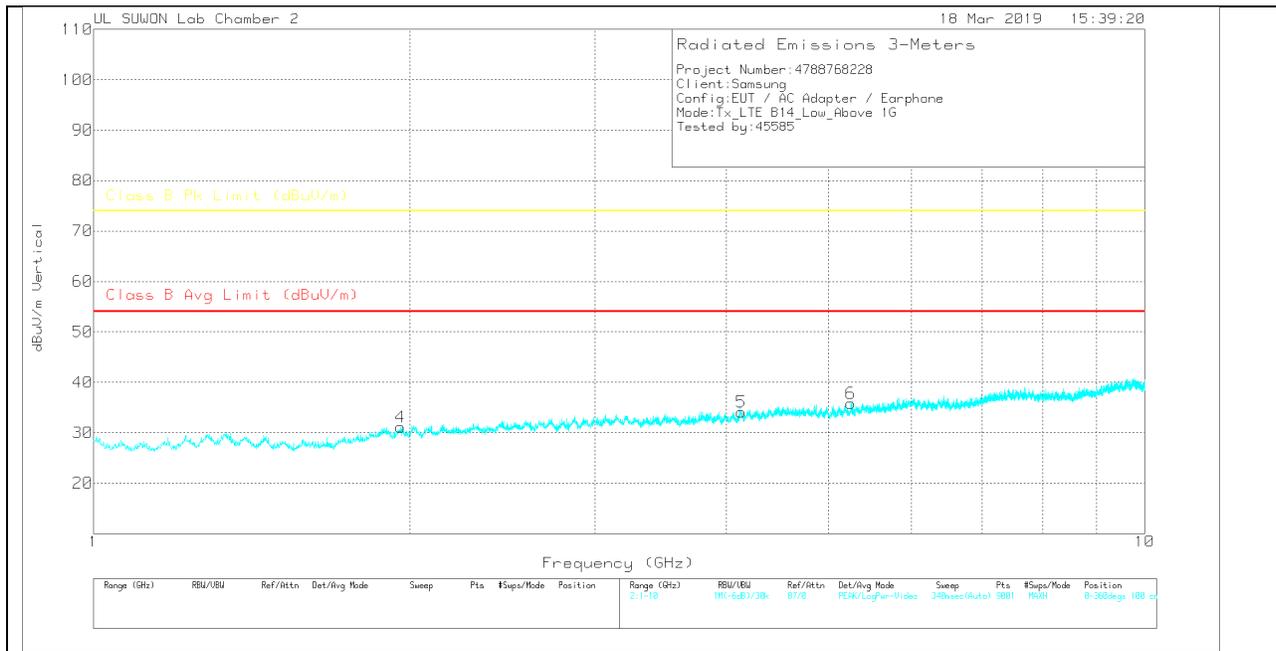
### 5.4. Above 1 GHz in the LTE Band 14

#### LOW CHANNEL(760.5MHz)

#### HORIZONTAL PEAK PLOT



#### VERTICAL PEAK PLOT



**DATA**

Trace Markers

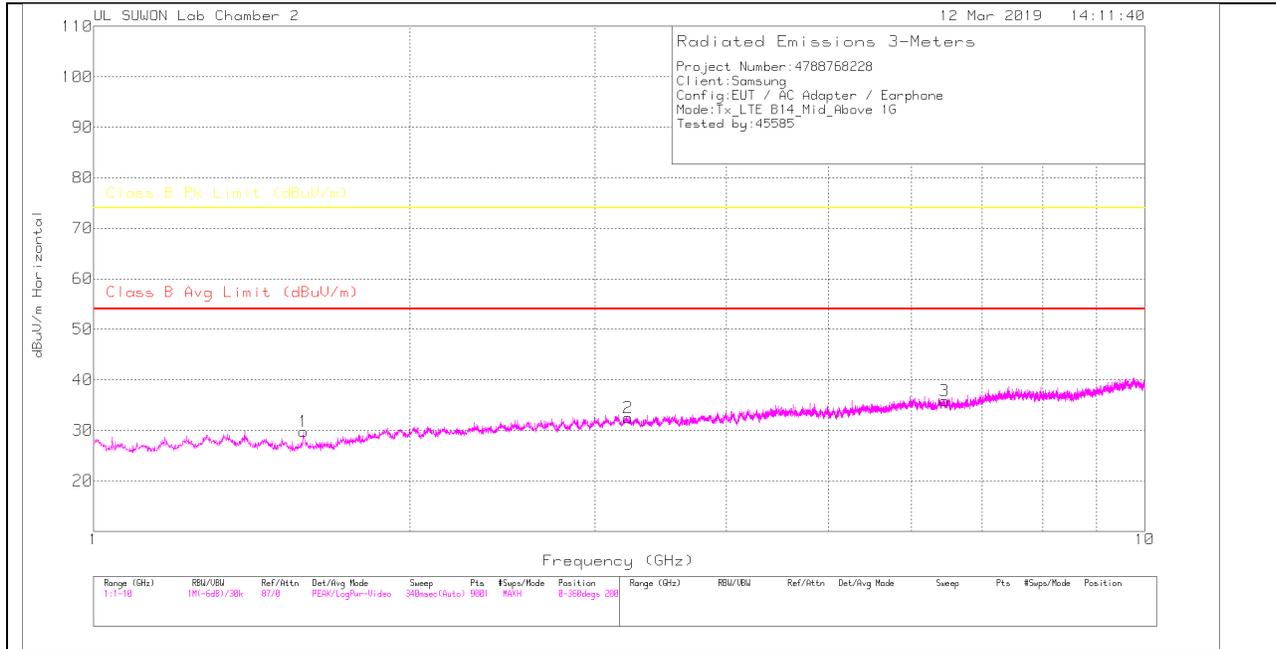
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPP)/Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.957	31.28	PK	31.1	-31.1	.5	31.78	-	-	74	-42.22	0-360	200	H
2	4.119	28.64	PK	33.4	-28.5	.4	33.94	-	-	74	-40.06	0-360	100	H
3	5.255	27.97	PK	34.4	-28.2	.4	34.57	-	-	74	-39.43	0-360	100	H
4	1.958	30.58	PK	31.1	-31.1	.5	31.08	-	-	74	-42.92	0-360	200	V
5	4.135	28.74	PK	33.4	-28.4	.4	34.14	-	-	74	-39.86	0-360	100	V
6	5.253	29.25	PK	34.4	-28.2	.4	35.85	-	-	74	-38.15	0-360	200	V

PK – Peak Detector

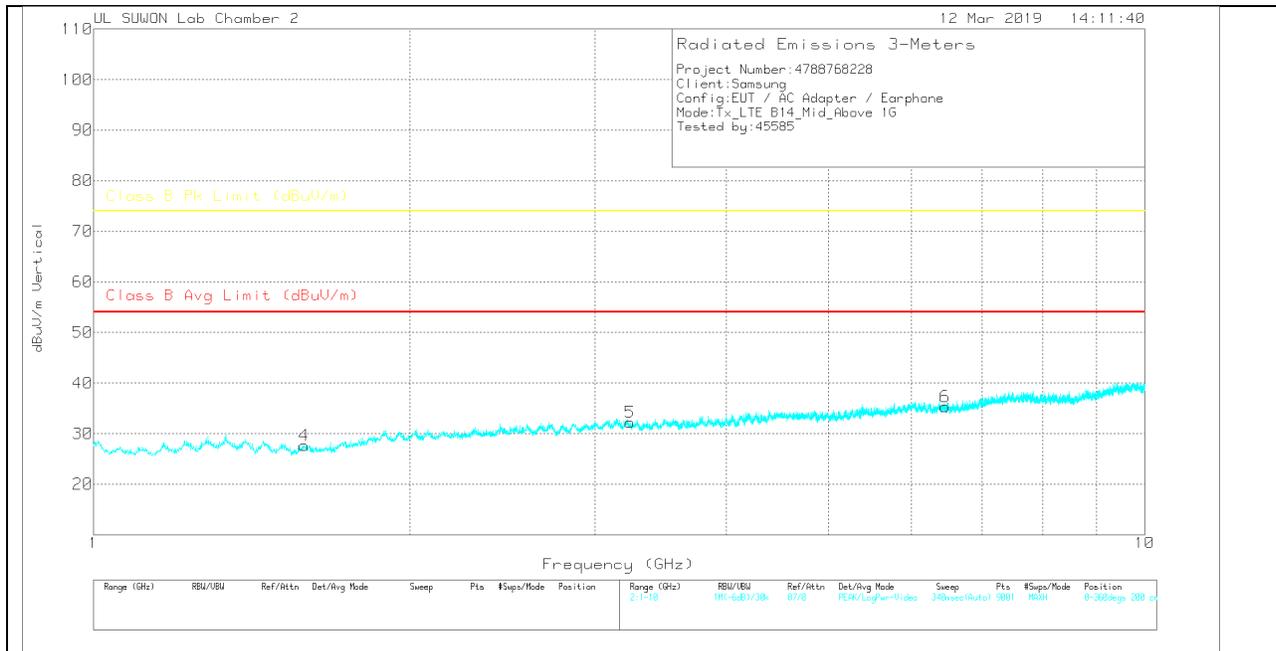
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**MID CHANNEL(763.0MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

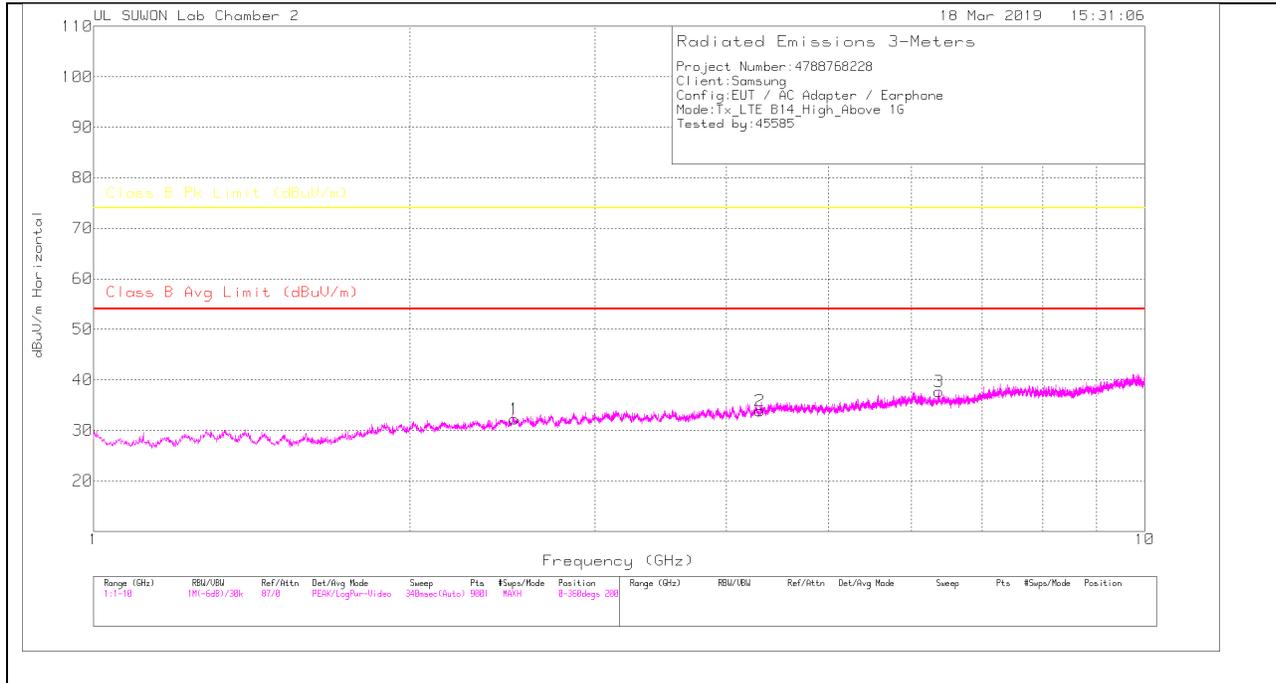
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)/Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.584	32.27	PK	28.3	-31.5	.7	29.77	-	-	74	-44.23	0-360	200	H
2	3.225	28.55	PK	32.9	-29.6	.6	32.45	-	-	74	-41.55	0-360	200	H
3	6.451	26.73	PK	35.3	-26.6	.4	35.83	-	-	74	-38.17	0-360	100	H
4	1.586	29.98	PK	28.3	-31.4	.8	27.68	-	-	74	-46.32	0-360	100	V
5	3.239	28.38	PK	32.9	-29.8	.7	32.18	-	-	74	-41.82	0-360	100	V
6	6.458	26.19	PK	35.3	-26.6	.4	35.29	-	-	74	-38.71	0-360	200	V

PK – Peak Detector

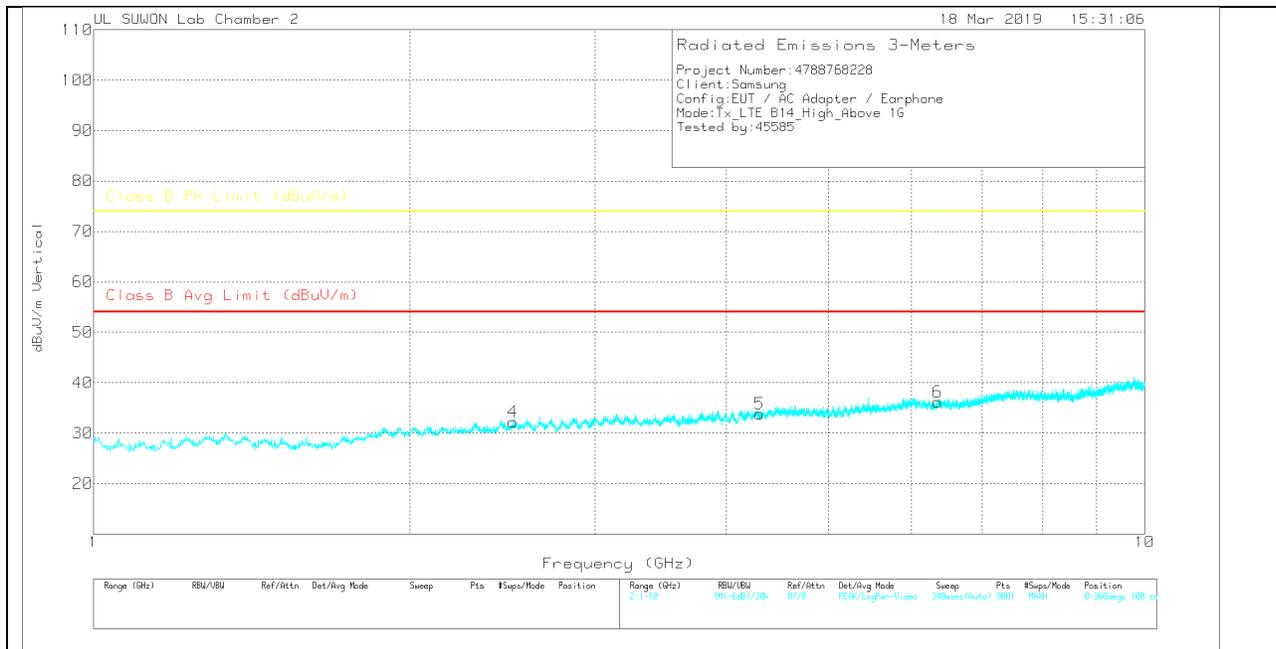
Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

**HIGH CHANNEL(765.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	1-18GHz(dB)	1GHz_HPF	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CSPR)Margin (dB)	Class B PK Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.515	29.88	PK	31.9	-30.2	.6	32.18	-	-	74	-41.82	0-360	100	H
2	4.303	29.06	PK	33.5	-29.1	.4	33.86	-	-	74	-40.14	0-360	200	H
3	6.368	28.68	PK	35.2	-26.7	.5	37.68	-	-	74	-36.32	0-360	100	H
4	2.506	30.2	PK	31.9	-30.4	.5	32.2	-	-	74	-41.8	0-360	100	V
5	4.301	28.99	PK	33.5	-29	.4	33.89	-	-	74	-40.11	0-360	200	V
6	6.357	27.43	PK	35.2	-26.8	.4	36.23	-	-	74	-37.77	0-360	200	V

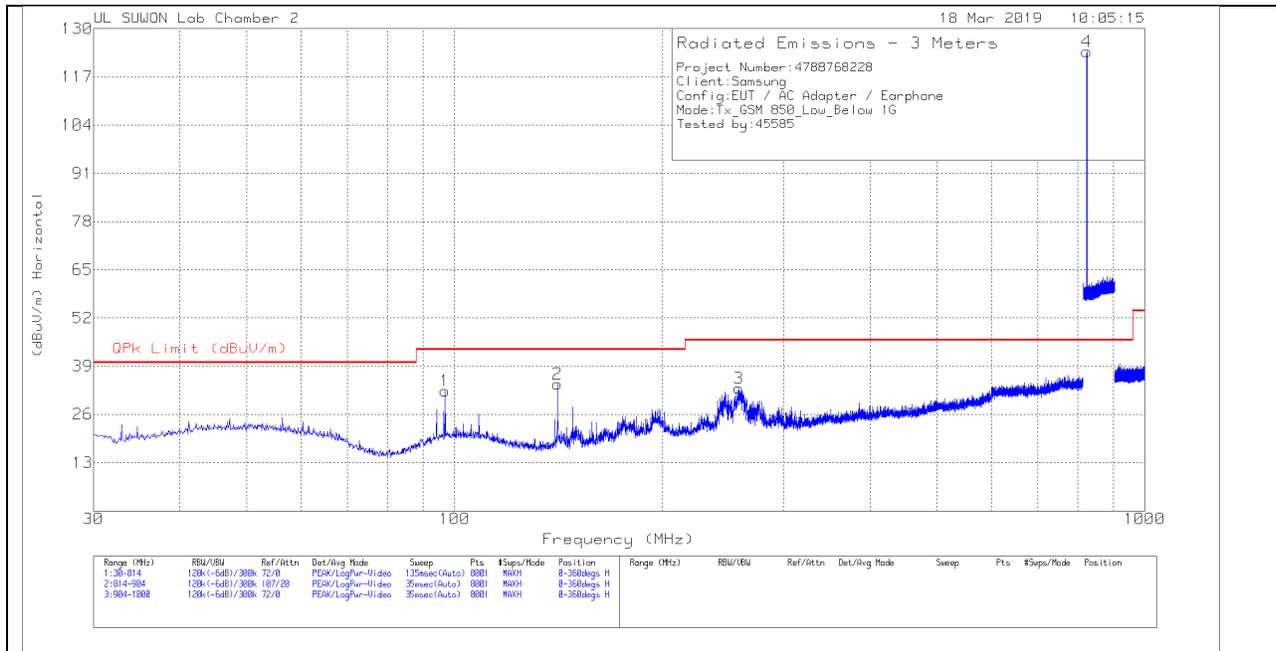
PK – Peak Detector

Note: Unwanted emissions on the harmonic frequency were generated from the call-simulator with the TX and RX signals.

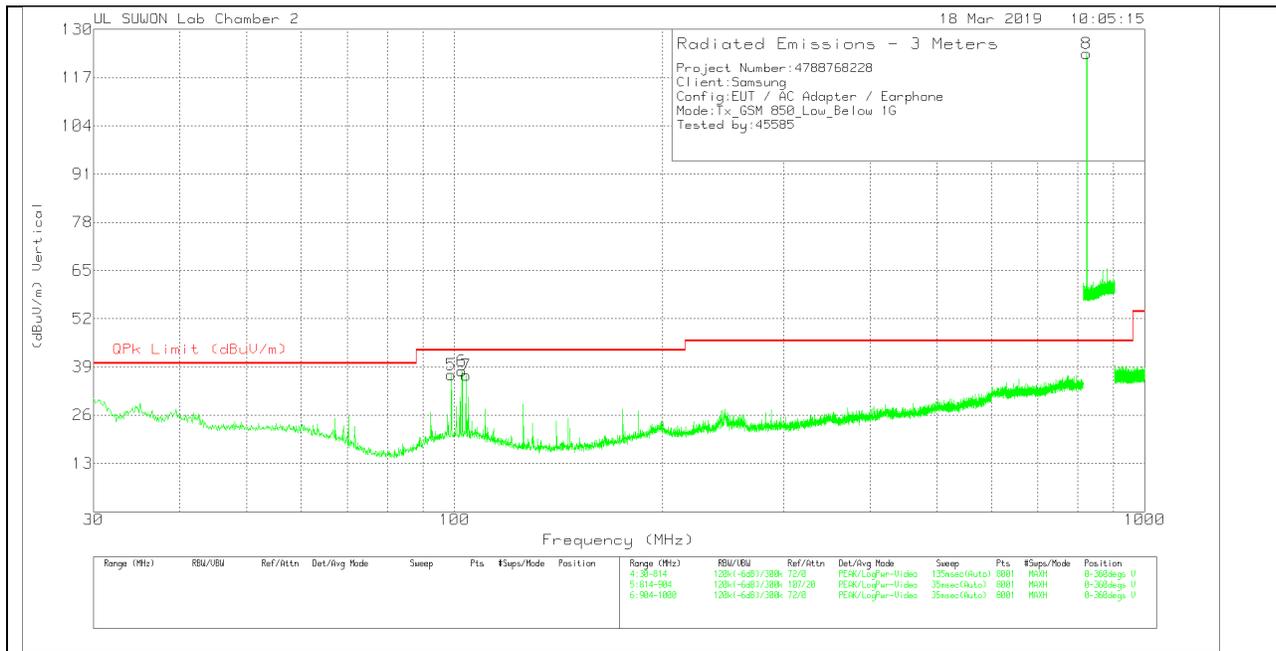
### 5.5. Below 1 GHz in the GSM850

#### LOW CHANNEL(869.2MHz)

#### HORIZONTAL PEAK PLOT



#### VERTICAL PEAK PLOT



**DATA**

Trace Markers

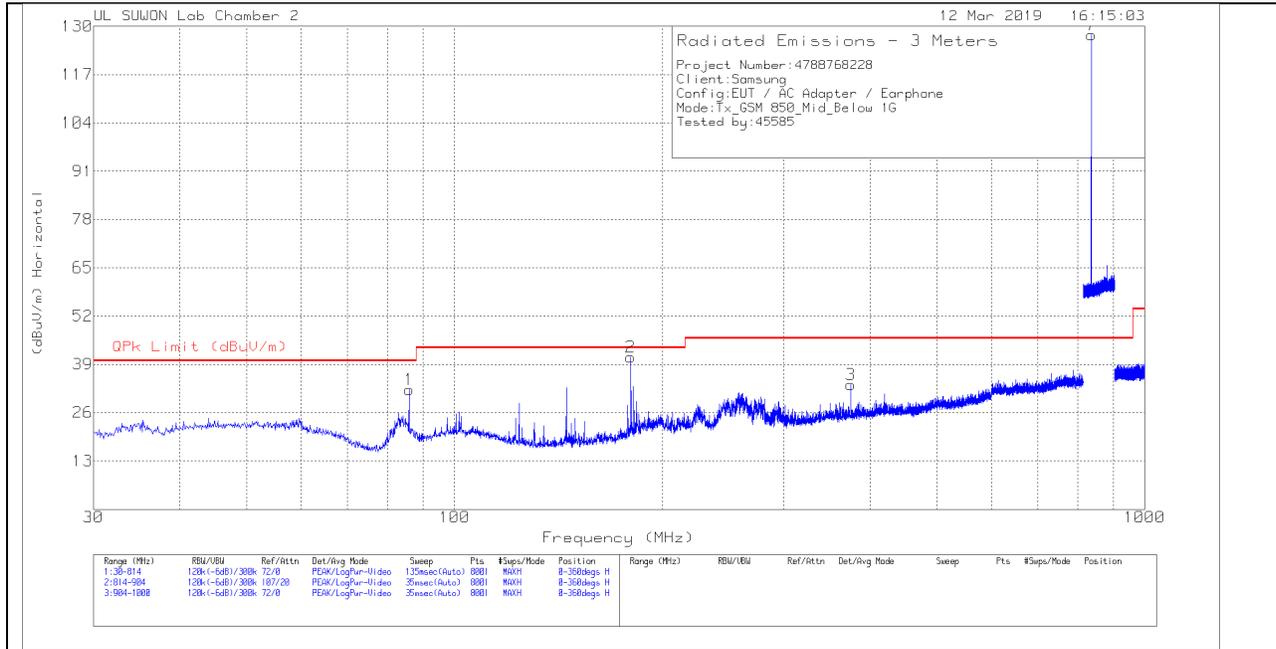
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	96.934	13.9	Pk	17.4	1	32.3	43.52	-11.22	0-360	300	H
2	141.034	18.86	Pk	14	1.3	34.16	43.52	-9.36	0-360	300	H
3	258.046	12.33	Pk	19	1.7	33.03	46.02	-12.99	0-360	100	H
4	824.26	93.9	Pk	26.9	3.1	123.9	46.02	77.88	0-360	100	H
5	98.992	18.1	Pk	17.7	1.1	36.9	43.52	-6.62	0-360	100	V
6	102.52	18.95	Pk	17.8	1.1	37.85	43.52	-5.67	0-360	200	V
7	103.892	17.86	Pk	17.7	1.1	36.66	43.52	-6.86	0-360	100	V
8	824.2038	93.48	Pk	26.9	3.1	123.48	46.02	77.46	0-360	100	V

Pk - Peak detector

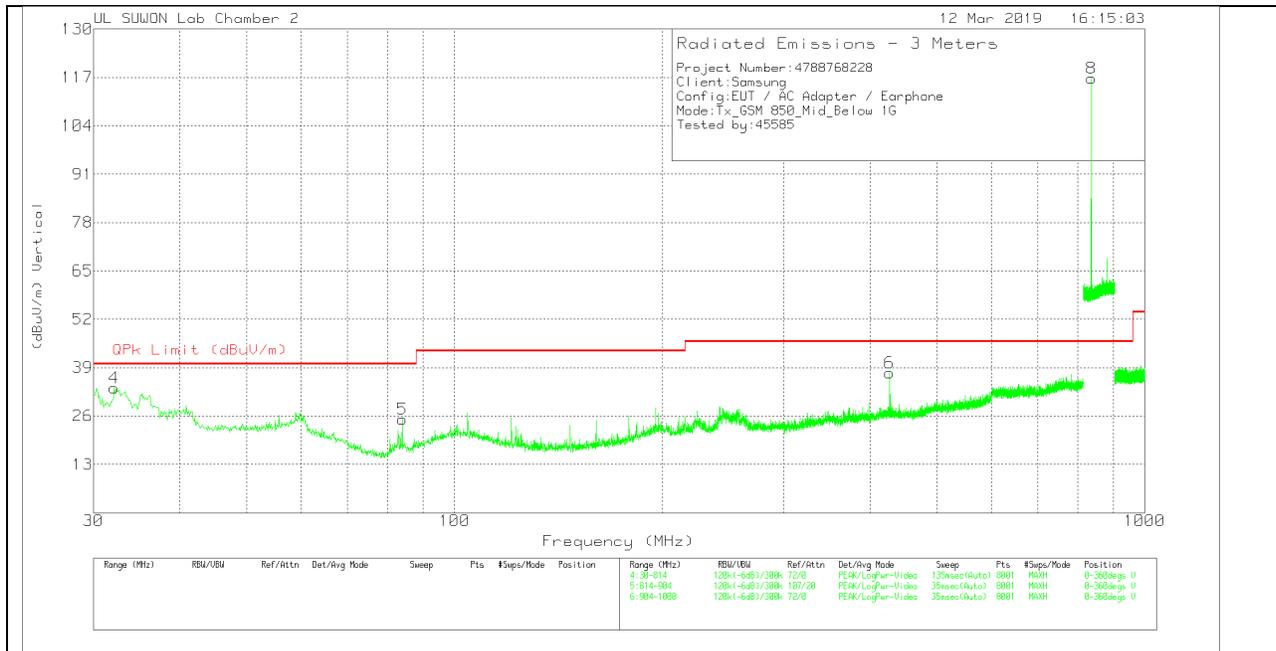
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

**MID CHANNEL(881.6MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

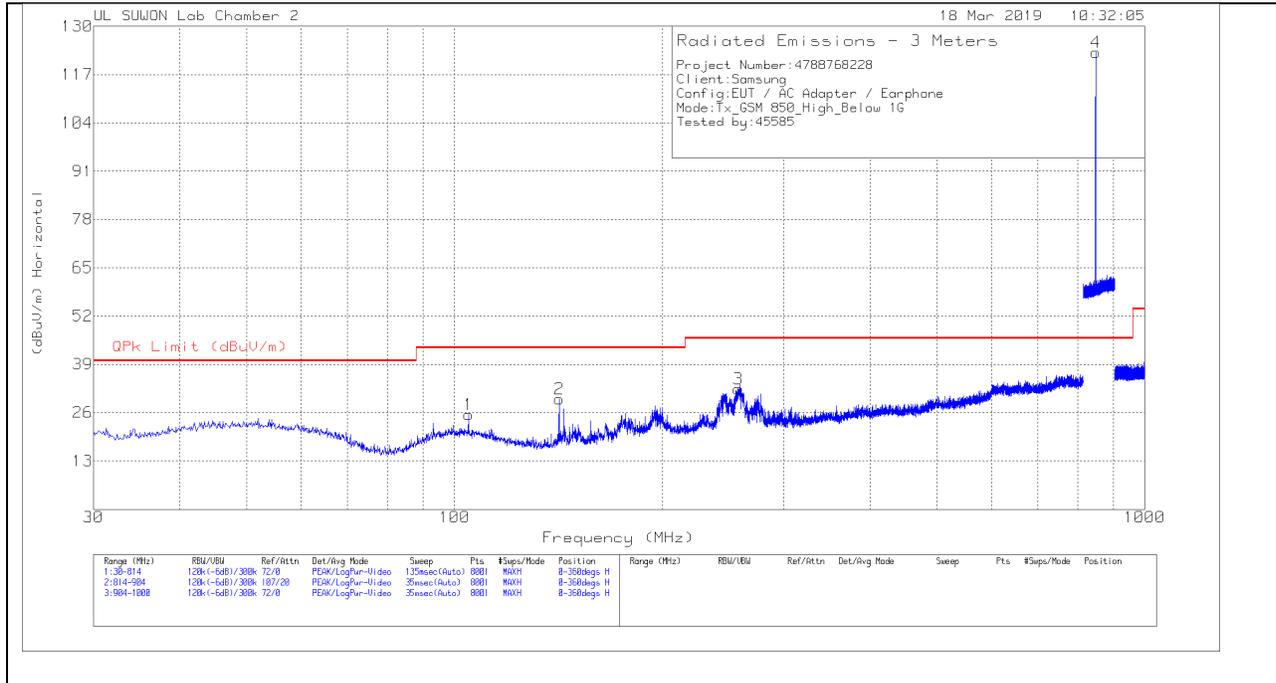
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	85.958	17.28	Pk	13.9	1	32.18	40	-7.82	0-360	300	H
2	180.136	23.7	Pk	15.8	1.4	40.9	43.52	-2.62	0-360	300	H
3	375.156	10.48	Pk	20.9	2.1	33.48	46.02	-12.54	0-360	100	H
7	836.6575	97.45	Pk	27.1	3.1	127.65	46.02	81.63	0-360	100	H
4	32.156	17.41	Pk	15.5	.6	33.51	40	-6.49	0-360	100	V
5	83.998	10.79	Pk	13.3	1	25.09	40	-14.91	0-360	200	V
6	427.096	13.28	Pk	22.1	2.2	37.58	46.02	-8.44	0-360	100	V
8	836.6013	86.49	Pk	27.1	3.1	116.69	46.02	70.67	0-360	200	V

Pk - Peak detector

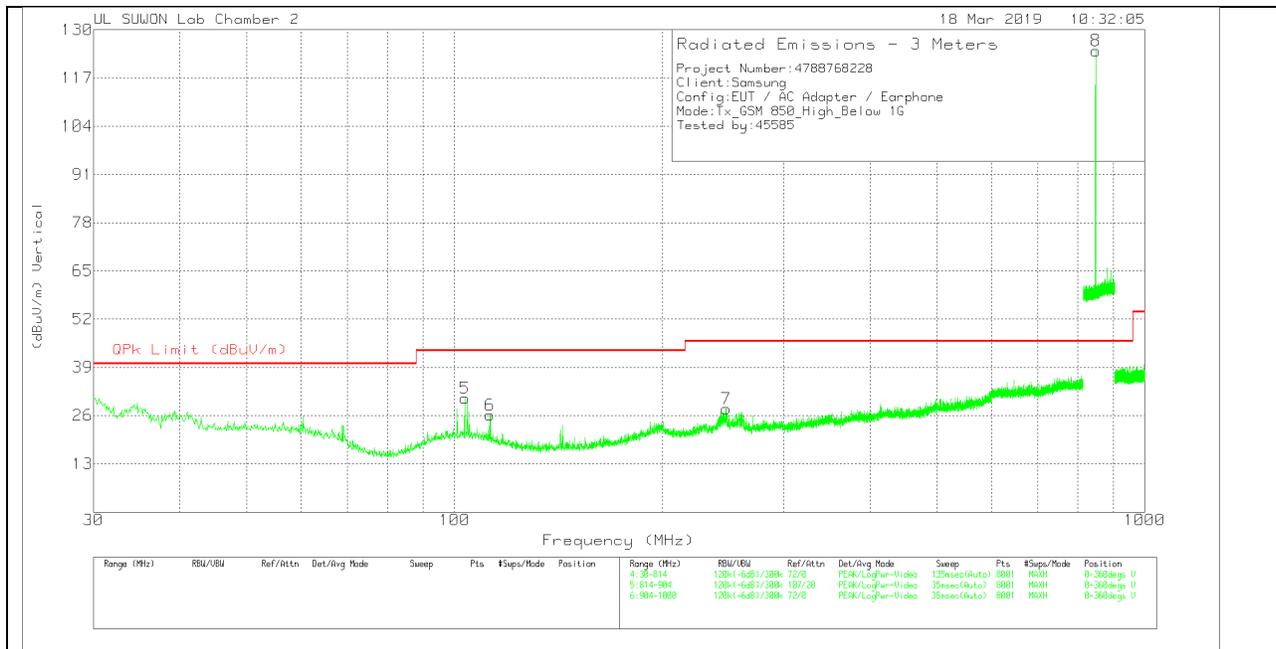
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

**HIGH CHANNEL(893.8MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	104.774	6.63	Pk	17.7	1.1	25.43	43.52	-18.09	0-360	400	H
2	141.818	14.34	Pk	14.1	1.3	29.74	43.52	-13.78	0-360	200	H
3	257.654	11.66	Pk	19	1.7	32.36	46.02	-13.66	0-360	100	H
4	848.8638	92.42	Pk	27.4	3.2	123.02	<b>46.02</b>	<b>77</b>	0-360	100	H
5	103.5	11.85	Pk	17.7	1.1	30.65	43.52	-12.87	0-360	100	V
6	112.516	8.34	Pk	16.6	1.2	26.14	43.52	-17.38	0-360	400	V
7	247.854	7.24	Pk	18.9	1.7	27.84	46.02	-18.18	0-360	200	V
8	848.8525	93.81	Pk	27.4	3.2	124.41	<b>46.02</b>	<b>78.39</b>	0-360	100	V

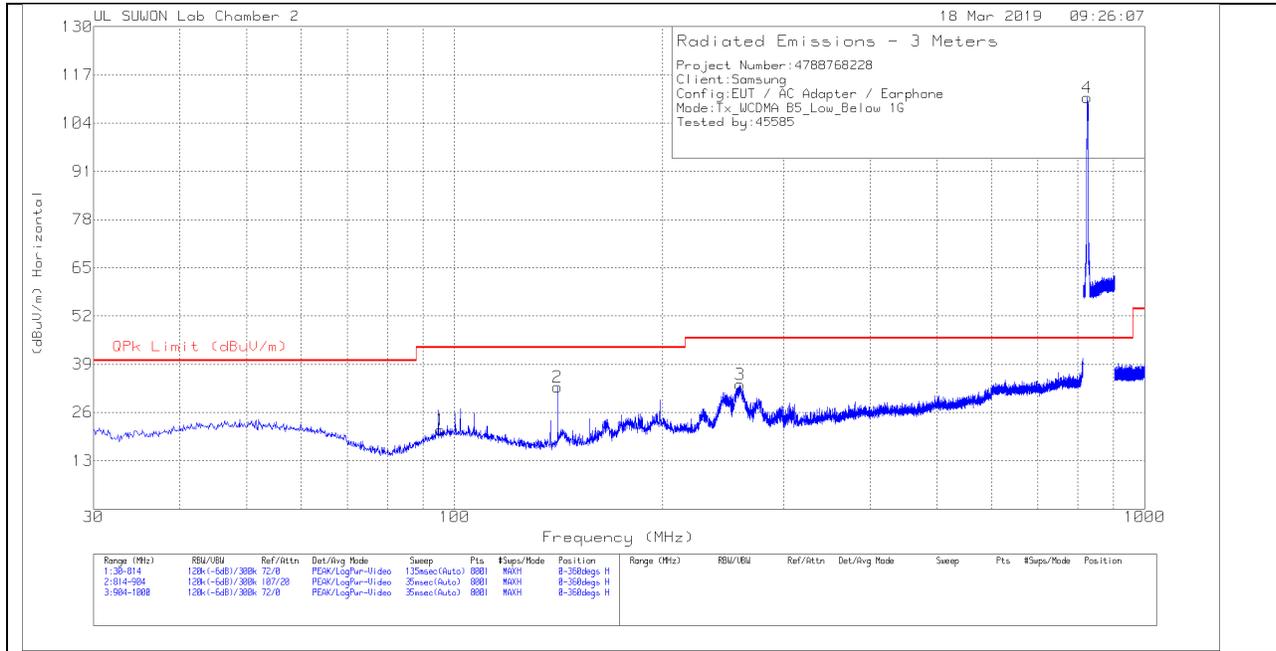
Pk - Peak detector

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

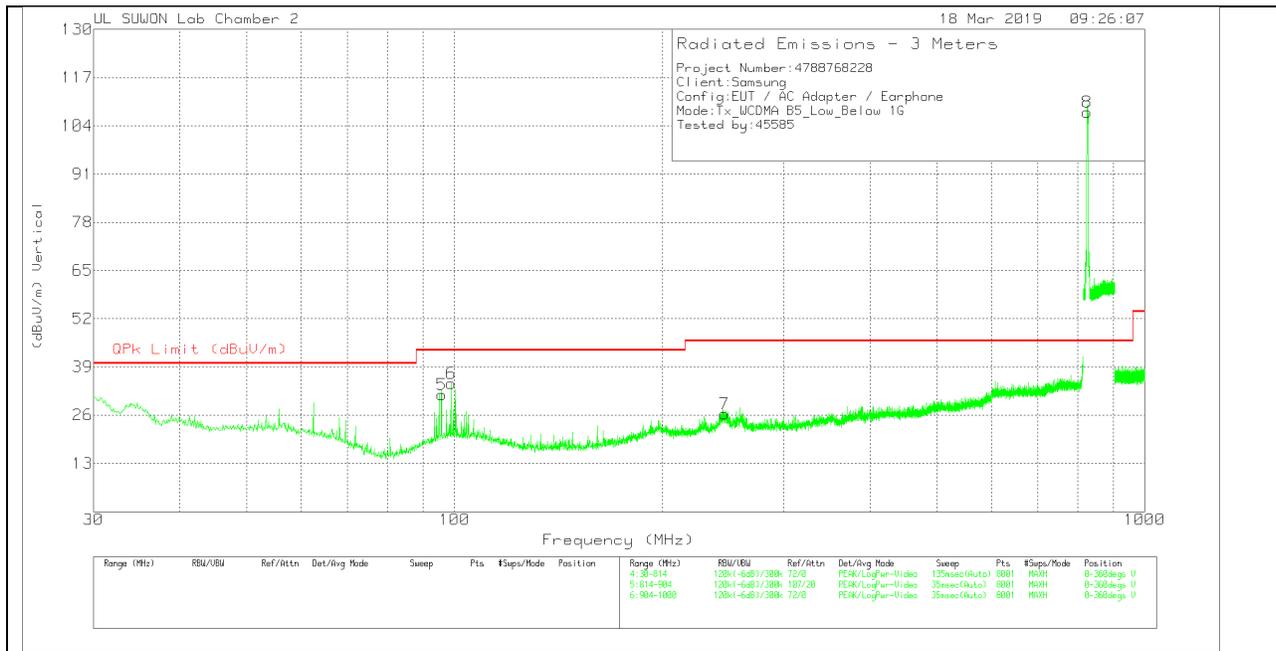
### 5.6. Below 1 GHz in the WCDMA Band 5

#### LOW CHANNEL(871.4MHz)

#### HORIZONTAL PEAK PLOT



#### VERTICAL PEAK PLOT



**DATA**

Trace Markers

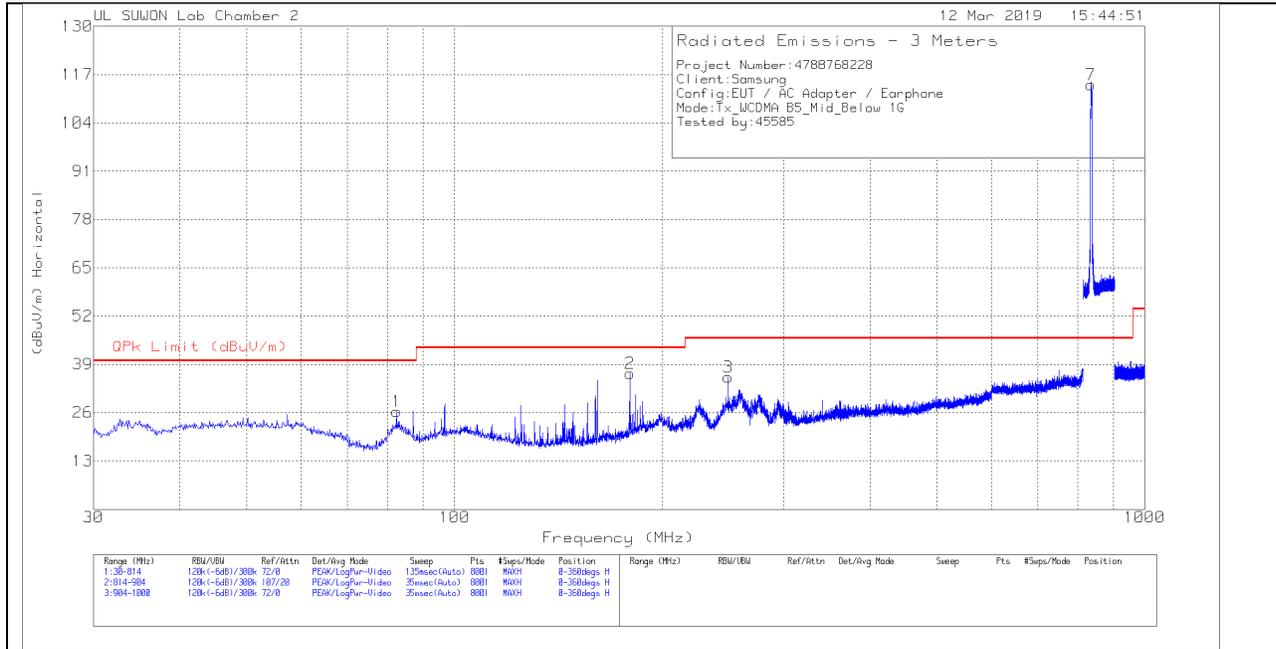
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	95.366	2.87	Pk	17.3	1.1	21.27	43.52	-22.25	0-360	400	H
2	141.034	17.54	Pk	14	1.3	32.84	43.52	-10.68	0-360	300	H
3	259.418	12.94	Pk	18.9	1.7	33.54	46.02	-12.48	0-360	100	H
4	825.1375	80.95	Pk	26.9	3.1	110.95	46.02	64.93	0-360	100	H
5	95.758	13.17	Pk	17.3	1	31.47	43.52	-12.05	0-360	100	V
6	98.894	15.77	Pk	17.7	1.1	34.57	43.52	-8.95	0-360	200	V
7	246.188	5.85	Pk	18.8	1.7	26.35	46.02	-19.67	0-360	100	V
8	825.6325	77.66	Pk	27	3.1	107.76	46.02	61.74	0-360	100	V

Pk - Peak detector

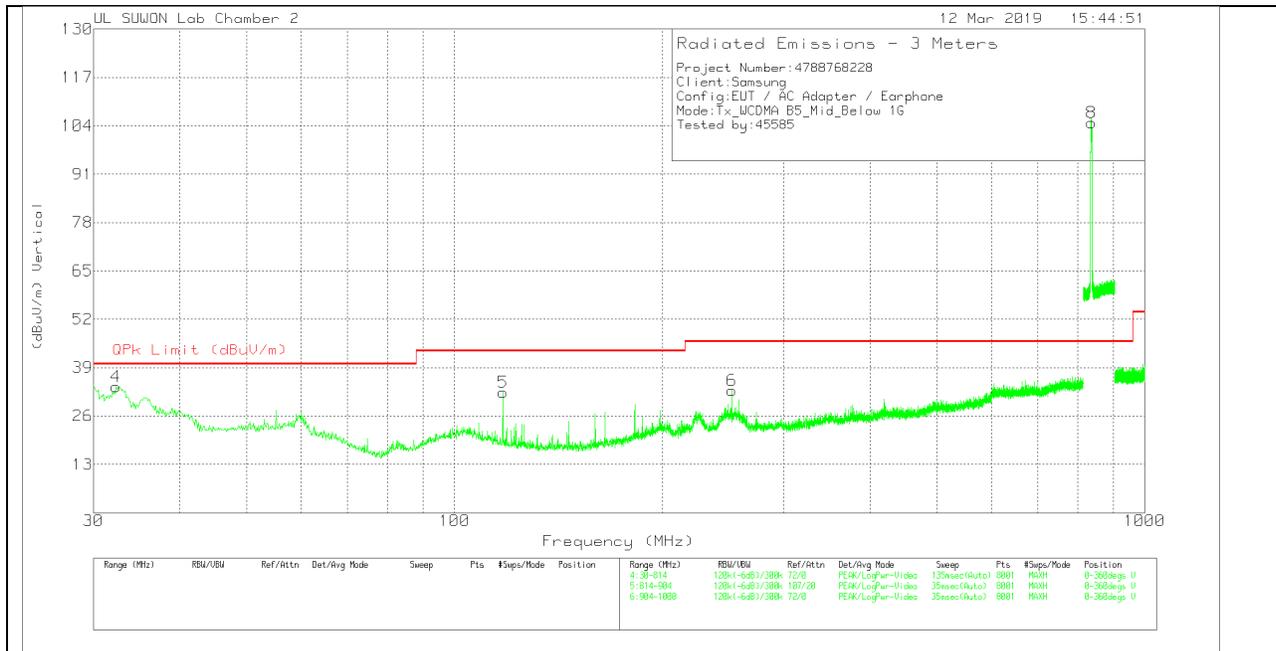
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

**MID CHANNEL(881.6MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

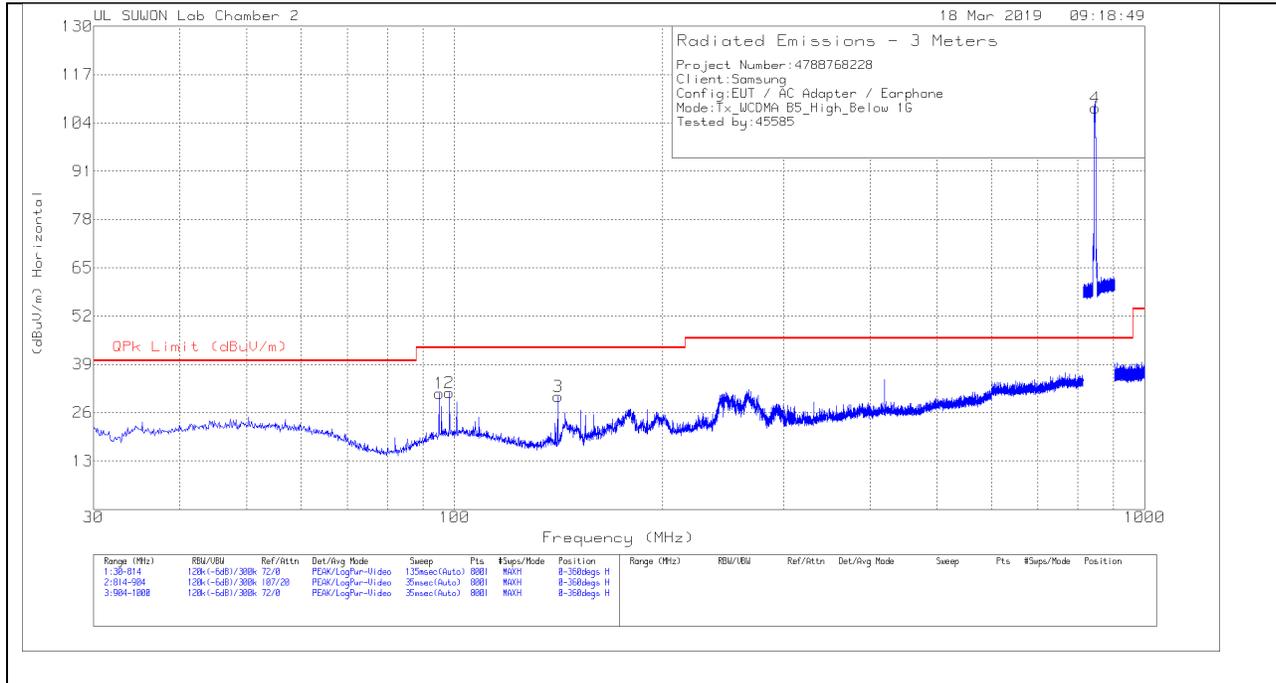
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	82.43	12.42	Pk	12.9	1	26.32	40	-13.68	0-360	200	H
2	179.45	19.41	Pk	15.7	1.4	36.51	43.52	-7.01	0-360	100	H
3	249.03	14.92	Pk	19	1.7	35.62	46.02	-10.4	0-360	200	H
7	836.2863	84	Pk	27.1	3.1	114.2	<b>46.02</b>	<b>68.18</b>	0-360	100	H
4	32.352	17.69	Pk	15.5	.7	33.89	40	-6.11	0-360	100	V
5	117.514	15.29	Pk	15.8	1.2	32.29	43.52	-11.23	0-360	200	V
6	252.166	12.11	Pk	19.1	1.7	32.91	46.02	-13.11	0-360	400	V
8	837.0963	74.64	Pk	27.1	3.1	104.84	<b>46.02</b>	<b>58.82</b>	0-360	100	V

Pk - Peak detector

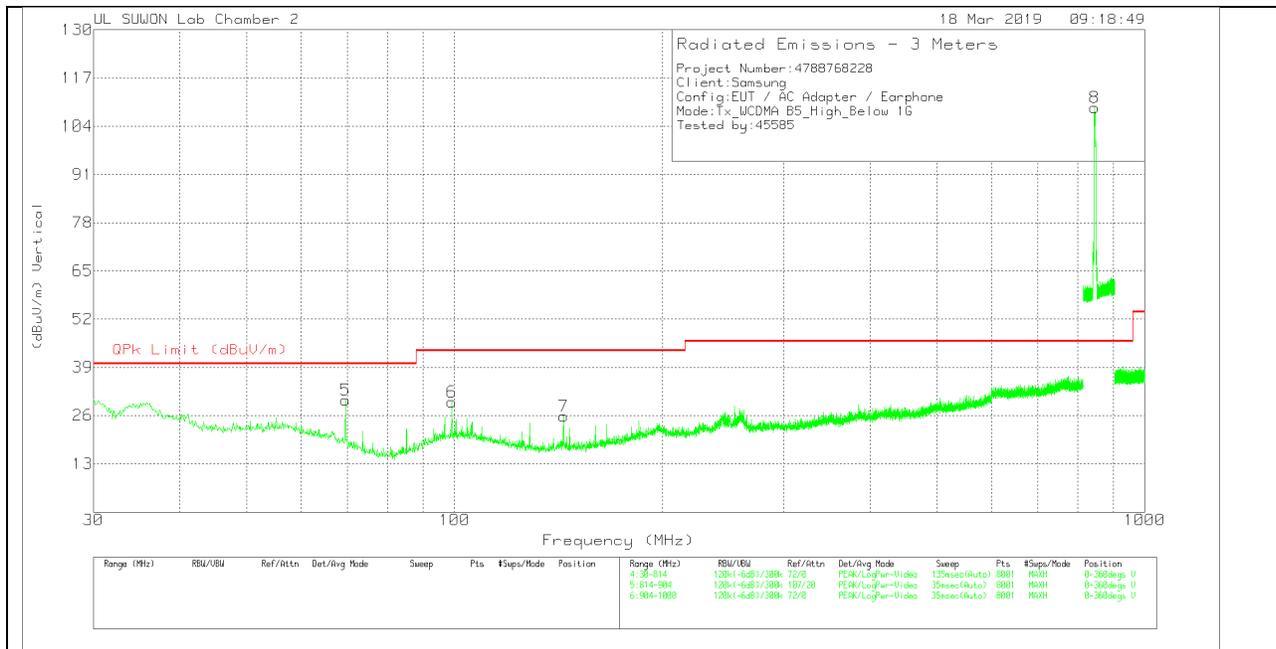
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

**HIGH CHANNEL(891.6MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	94.974	13.04	Pk	17.2	1	31.24	43.52	-12.28	0-360	400	H
2	98.306	12.76	Pk	17.6	1	31.36	43.52	-12.16	0-360	400	H
3	141.23	14.99	Pk	14	1.3	30.29	43.52	-13.23	0-360	200	H
4	847.0075	77.53	Pk	27.3	3.2	108.03	46.02	62.01	0-360	100	H
5	69.494	13.58	Pk	15.7	.9	30.18	40	-9.82	0-360	100	V
6	99.188	10.95	Pk	17.7	1.1	29.75	43.52	-13.77	0-360	200	V
7	143.876	10.38	Pk	14.1	1.3	25.78	43.52	-17.74	0-360	200	V
8	846.8725	78.5	Pk	27.3	3.2	109	46.02	62.98	0-360	200	V

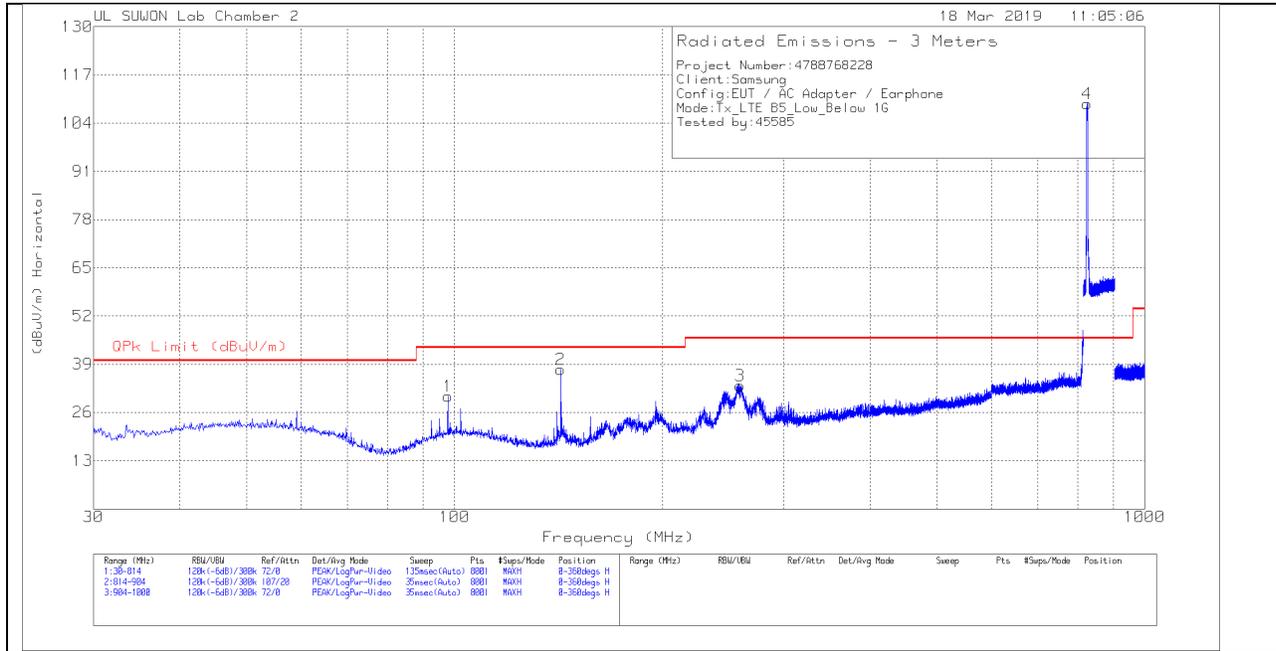
Pk - Peak detector

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

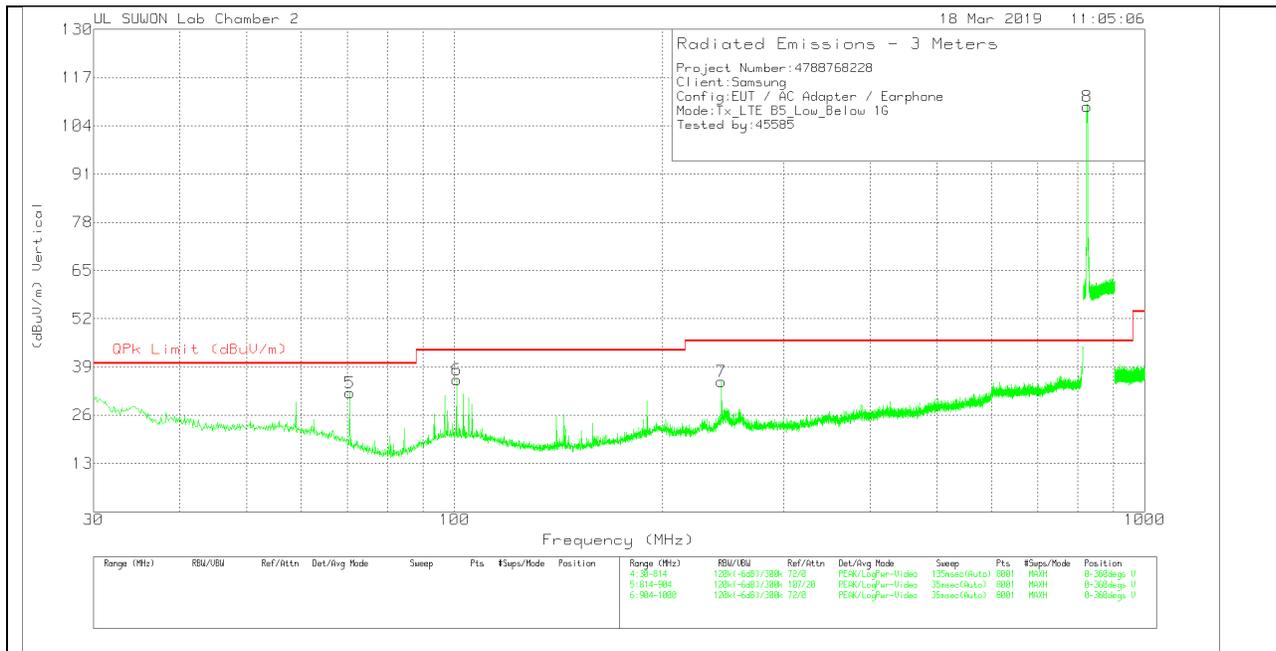
### 5.7. Below 1 GHz in the LTE Band 5

#### LOW CHANNEL(870.5MHz)

#### HORIZONTAL PEAK PLOT



#### VERTICAL PEAK PLOT



**DATA**

Trace Markers

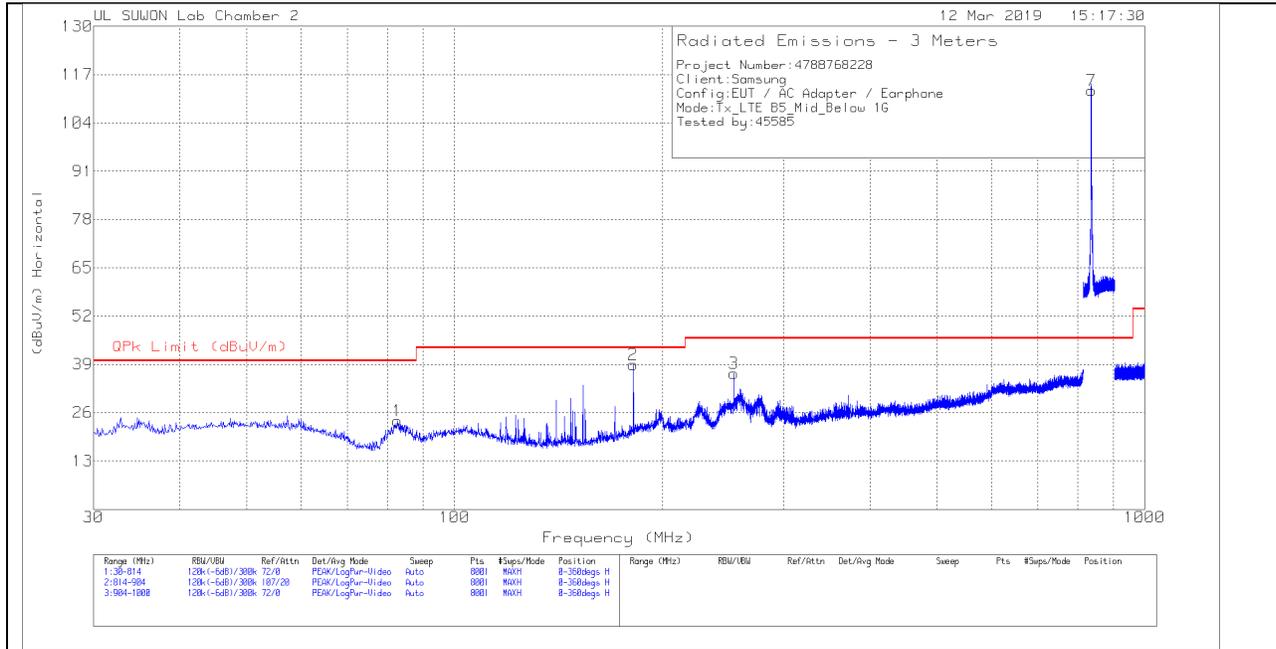
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	97.816	11.67	Pk	17.6	1.1	30.37	43.52	-13.15	0-360	400	H
2	142.504	22.23	Pk	14.1	1.3	37.63	43.52	-5.89	0-360	100	H
3	259.026	12.52	Pk	18.9	1.8	33.22	46.02	-12.8	0-360	100	H
4	825.5988	79.05	Pk	27	3.1	109.15	<b>46.02</b>	<b>63.13</b>	0-360	100	H
5	70.474	15.82	Pk	15.3	.9	32.02	40	-7.98	0-360	400	V
6	100.756	16.78	Pk	17.7	1.1	35.58	43.52	-7.94	0-360	200	V
7	243.738	14.67	Pk	18.7	1.7	35.07	46.02	-10.95	0-360	400	V
8	825.7225	79.14	Pk	27	3.1	109.24	<b>46.02</b>	<b>63.22</b>	0-360	100	V

Pk - Peak detector

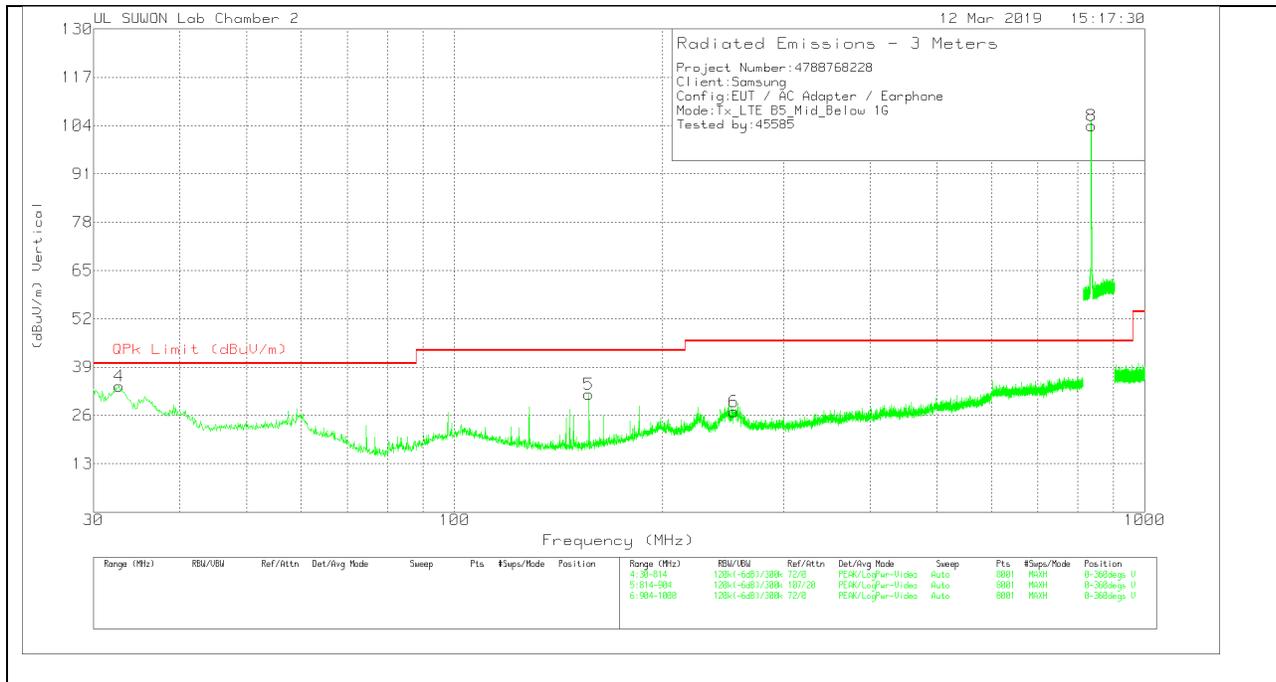
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

**MID CHANNEL(881.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

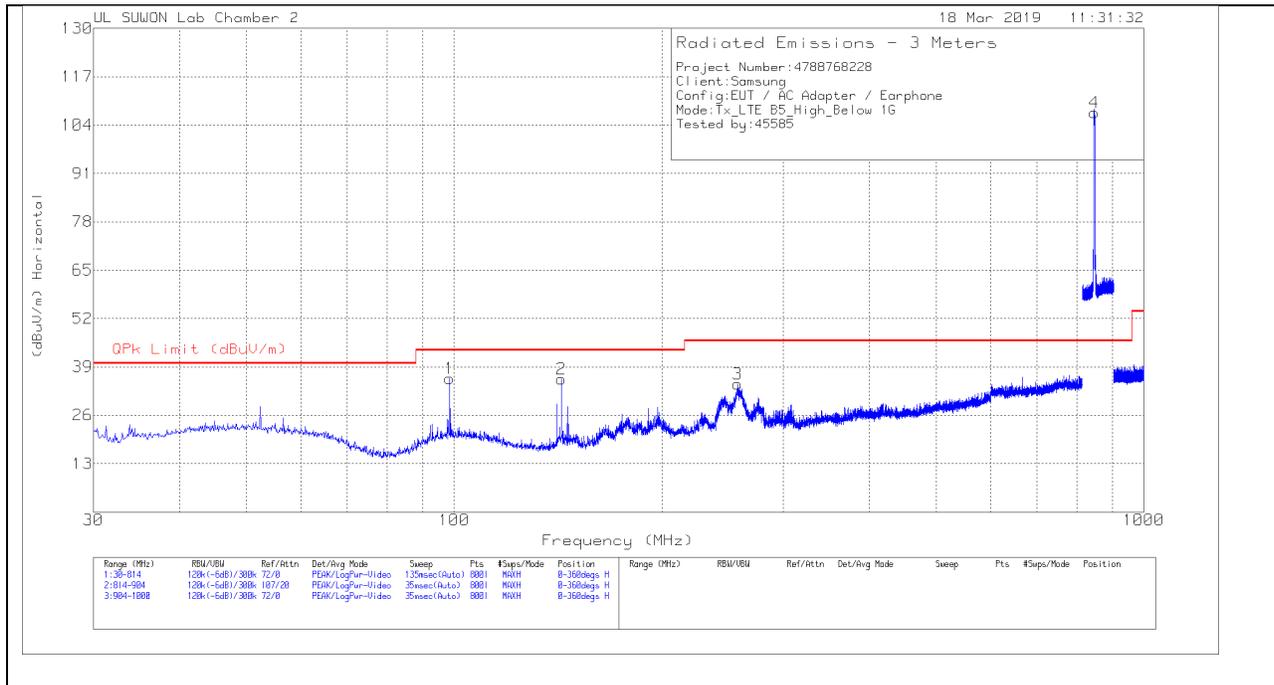
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	82.724	9.82	Pk	12.9	1	23.72	40	-16.28	0-360	200	H
2	181.606	21.43	Pk	16	1.5	38.93	43.52	-4.59	0-360	100	H
3	253.93	15.81	Pk	19.1	1.7	36.61	46.02	-9.41	0-360	100	H
7	836.6013	82.52	Pk	27.1	3.1	112.72	46.02	66.7	0-360	100	H
4	32.646	17.72	Pk	15.5	.6	33.82	40	-6.18	0-360	100	V
5	156.616	16.11	Pk	14.3	1.3	31.71	43.52	-11.81	0-360	100	V
6	254.028	6.2	Pk	19.1	1.7	27	46.02	-19.02	0-360	200	V
8	836.455	73.73	Pk	27.1	3.1	103.93	46.02	57.91	0-360	200	V

Pk - Peak detector

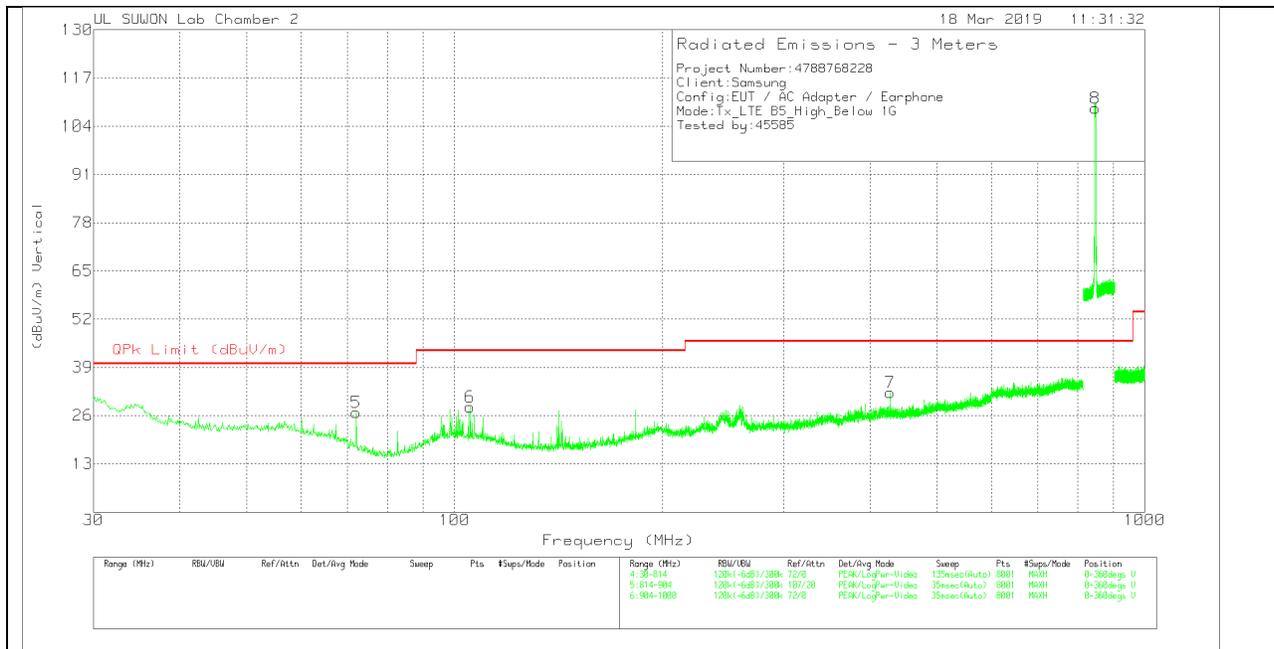
Note: Unwanted emissions captured from 824MHz to 849MHz and from 869MHz to 894MHz were the TX and RX signals generated from the call-simulator.

**HIGH CHANNEL(892.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	98.502	17.08	Pk	17.7	1.1	35.88	43.52	-7.64	0-360	200	H
2	143.092	20.3	Pk	14.1	1.3	35.7	43.52	-7.82	0-360	200	H
3	257.556	13.66	Pk	19	1.7	34.36	46.02	-11.66	0-360	100	H
4	847.7163	76.89	Pk	27.3	3.2	107.39	46.02	61.37	0-360	100	H
5	72.042	11.15	Pk	14.8	.9	26.85	40	-13.15	0-360	400	V
6	105.362	9.56	Pk	17.6	1.1	28.26	43.52	-15.26	0-360	100	V
7	427.782	7.92	Pk	22.1	2.2	32.22	46.02	-13.8	0-360	100	V
8	847.4238	78.3	Pk	27.3	3.2	108.8	46.02	62.78	0-360	100	V

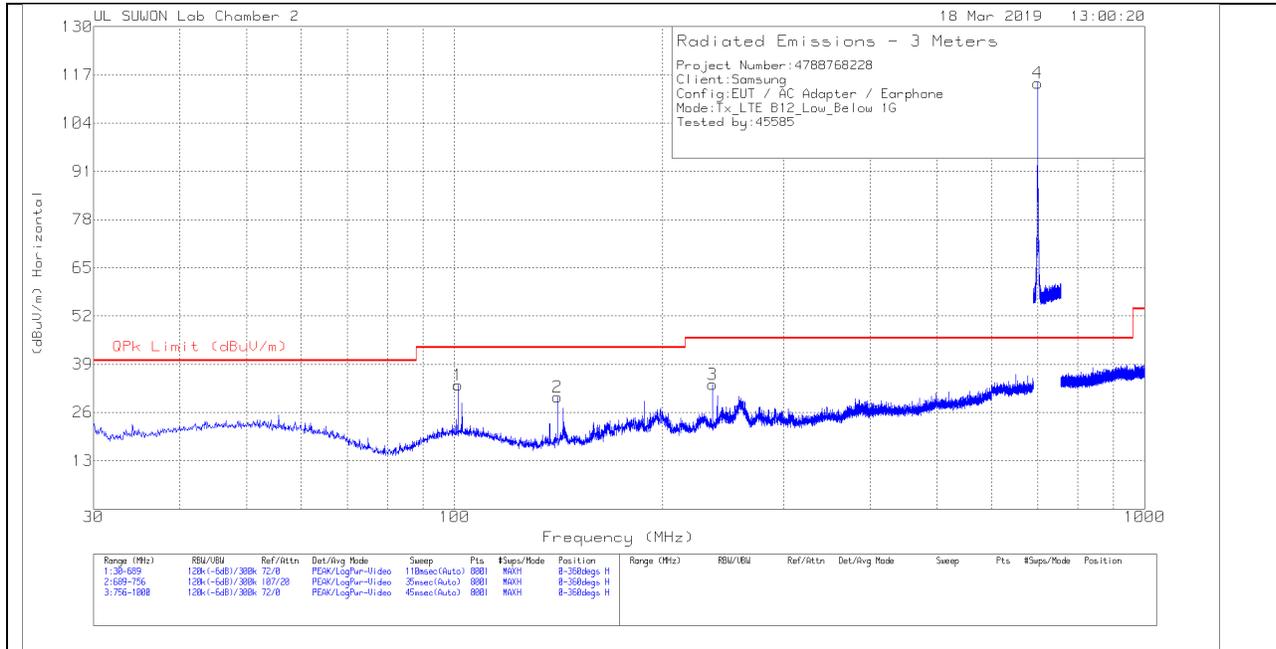
Pk - Peak detector

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

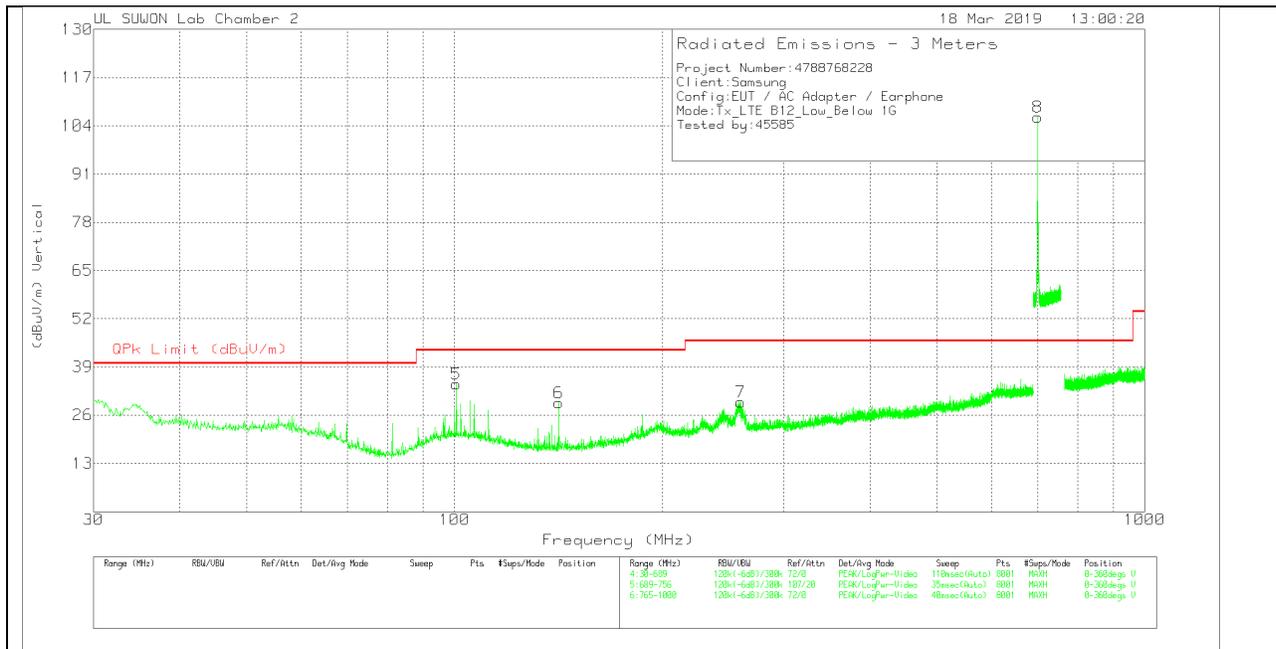
### 5.8. Below 1 GHz in the LTE Band 12

#### LOW CHANNEL(730.5MHz)

#### HORIZONTAL PEAK PLOT



#### VERTICAL PEAK PLOT



**DATA**

Trace Markers

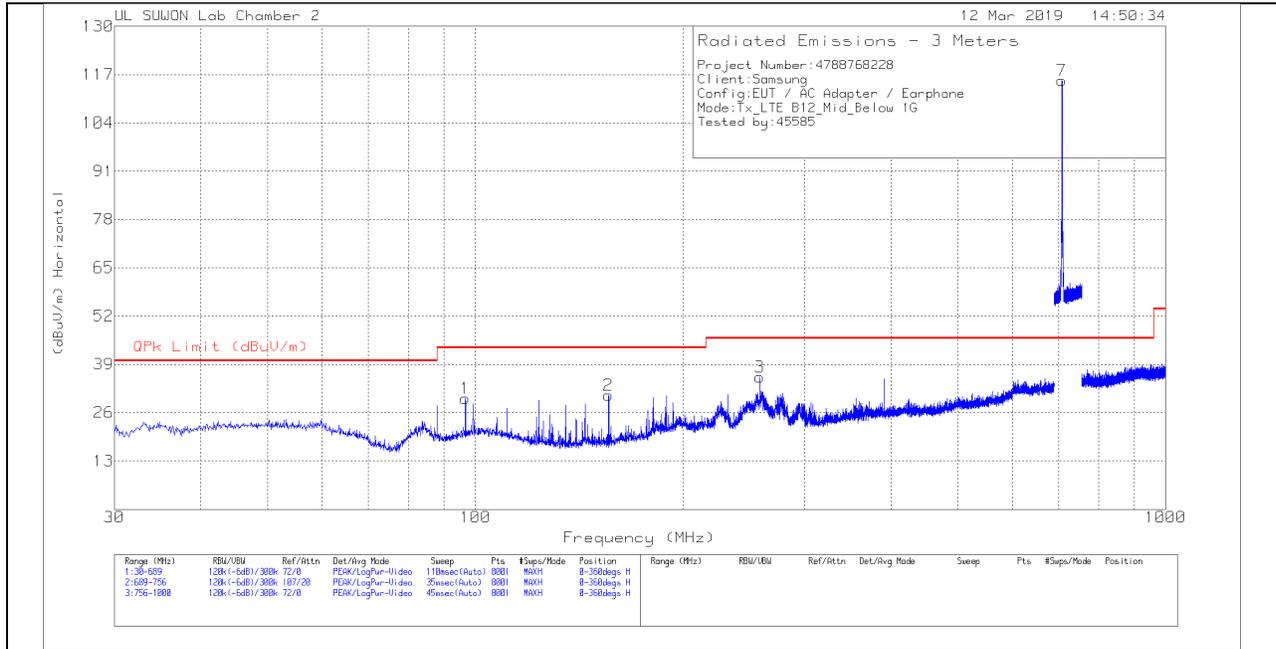
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	101.172	14.51	Pk	17.7	1.1	33.31	43.52	-10.21	0-360	200	H
2	141.0415	14.83	Pk	14	1.3	30.13	43.52	-13.39	0-360	400	H
3	236.5965	13.58	Pk	18.3	1.7	33.58	46.02	-12.44	0-360	200	H
4	699.7368	86.33	Pk	25.6	2.9	114.83	46.02	68.81	0-360	100	H
5	100.5954	15.51	Pk	17.7	1.1	34.31	43.52	-9.21	0-360	200	V
6	141.5358	14.01	Pk	14.1	1.3	29.41	43.52	-14.11	0-360	200	V
7	259.9086	8.92	Pk	18.9	1.7	29.52	46.02	-16.5	0-360	100	V
8	699.854	77.86	Pk	25.6	2.9	106.36	46.02	60.34	0-360	100	V

Pk - Peak detector

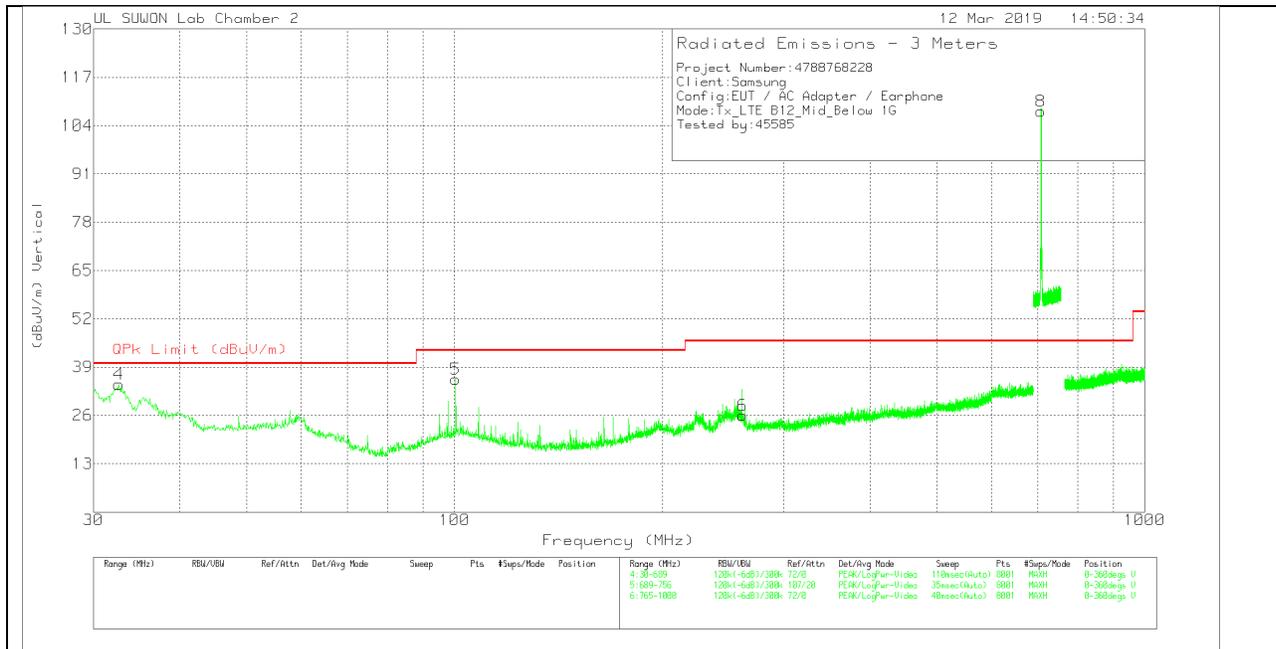
Note: Unwanted emissions captured from 699MHz to 716MHz and from 729MHz to 746MHz were the TX and RX signals generated from the call-simulator.

**MID CHANNEL(737.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

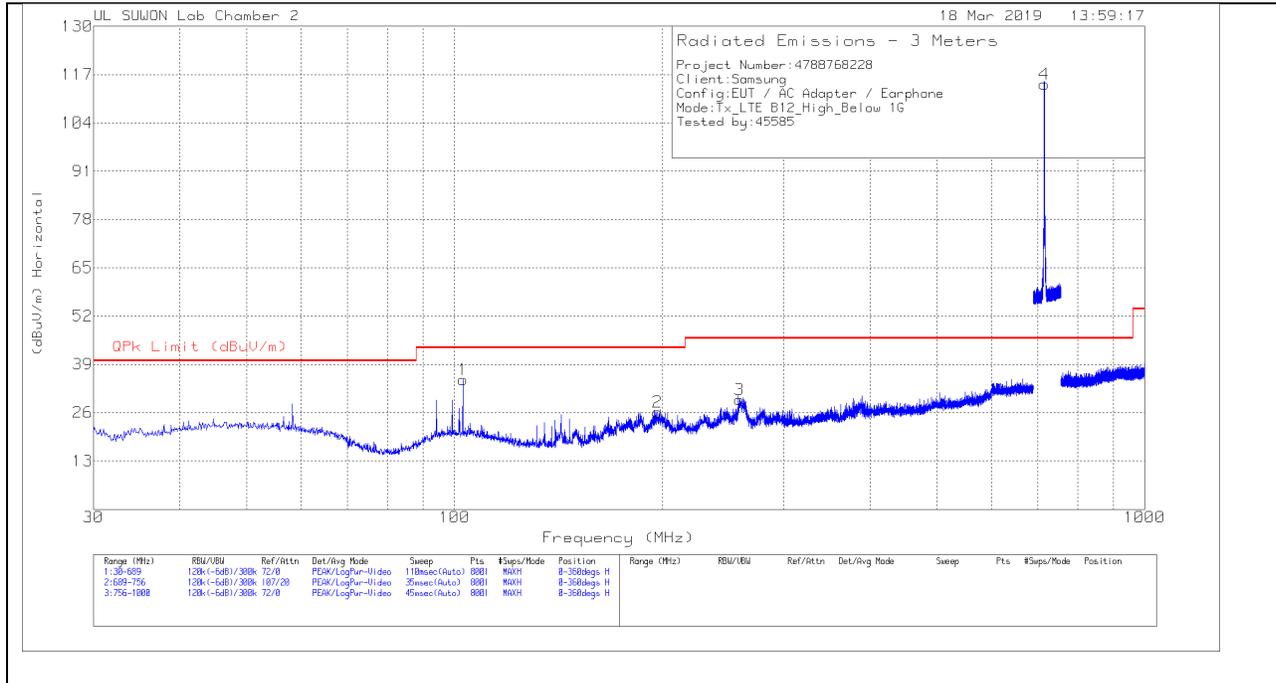
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	96.7238	11.44	Pk	17.4	1	29.84	43.52	-13.68	0-360	300	H
2	155.9514	15.16	Pk	14.3	1.3	30.76	43.52	-12.76	0-360	100	H
3	258.014	14.8	Pk	19	1.7	35.5	46.02	-10.52	0-360	100	H
7	707.7768	86.96	Pk	25.5	2.9	115.36	<b>46.02</b>	<b>69.34</b>	0-360	100	H
4	32.636	18.22	Pk	15.5	.6	34.32	40	-5.68	0-360	100	V
5	100.4306	16.97	Pk	17.7	1.1	35.77	43.52	-7.75	0-360	100	V
6	261.4738	5.55	Pk	18.8	1.7	26.05	46.02	-19.97	0-360	100	V
8	707.5423	79.52	Pk	25.5	2.9	107.92	<b>46.02</b>	<b>61.9</b>	0-360	100	V

Pk - Peak detector

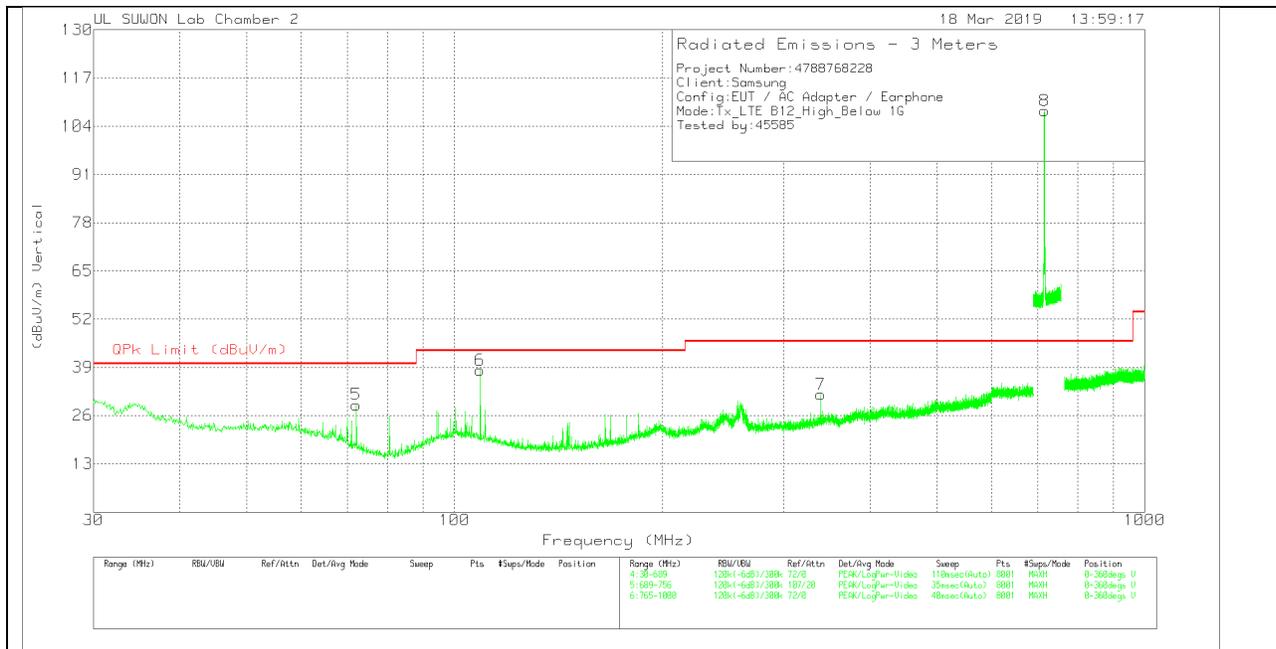
Note: Unwanted emissions captured from 699MHz to 716MHz and from 729MHz to 746MHz were the TX and RX signals generated from the call-simulator.

**HIGH CHANNEL(744.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	102.8195	15.92	Pk	17.8	1.1	34.82	43.52	-8.7	0-360	400	H
2	196.8918	6.41	Pk	18.3	1.5	26.21	43.52	-17.31	0-360	100	H
3	258.9201	8.93	Pk	18.9	1.7	29.53	46.02	-16.49	0-360	100	H
4	715.264	85.77	Pk	25.7	2.9	114.37	<b>46.02</b>	<b>68.35</b>	0-360	100	H
5	72.0936	13.32	Pk	14.7	.9	28.92	40	-11.08	0-360	400	V
6	108.9153	19.86	Pk	17.3	1.1	38.26	43.52	-5.26	0-360	100	V
7	339.5653	9.14	Pk	20.6	2	31.74	46.02	-14.28	0-360	100	V
8	715.3813	79.56	Pk	25.7	2.9	108.16	<b>46.02</b>	<b>62.14</b>	0-360	200	V

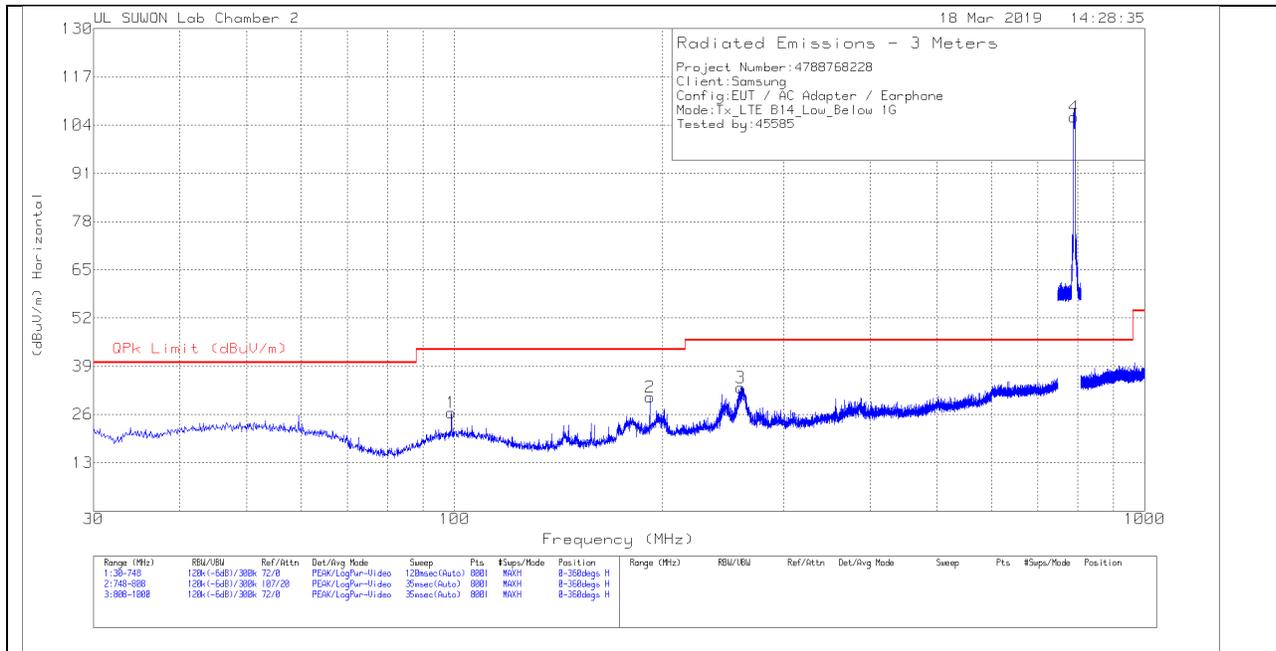
Pk - Peak detector

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

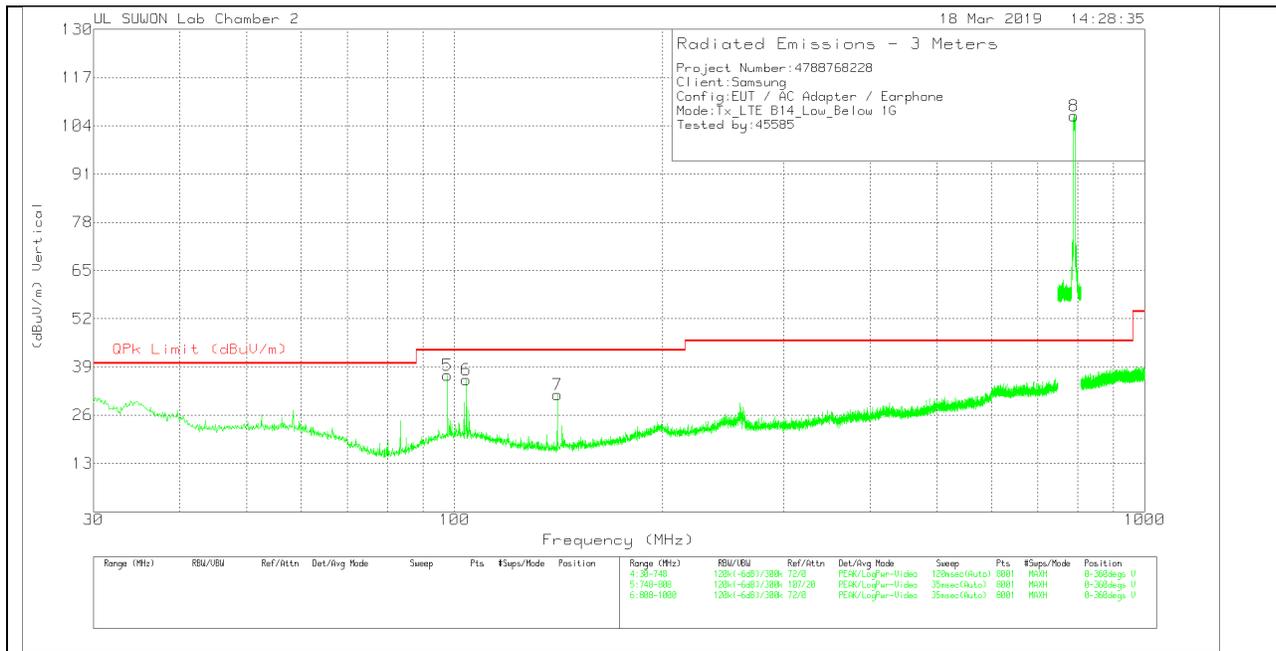
### 5.9. Below 1 GHz in the LTE Band 14

#### LOW CHANNEL(760.5MHz)

#### HORIZONTAL PEAK PLOT



#### VERTICAL PEAK PLOT



**DATA**

Trace Markers

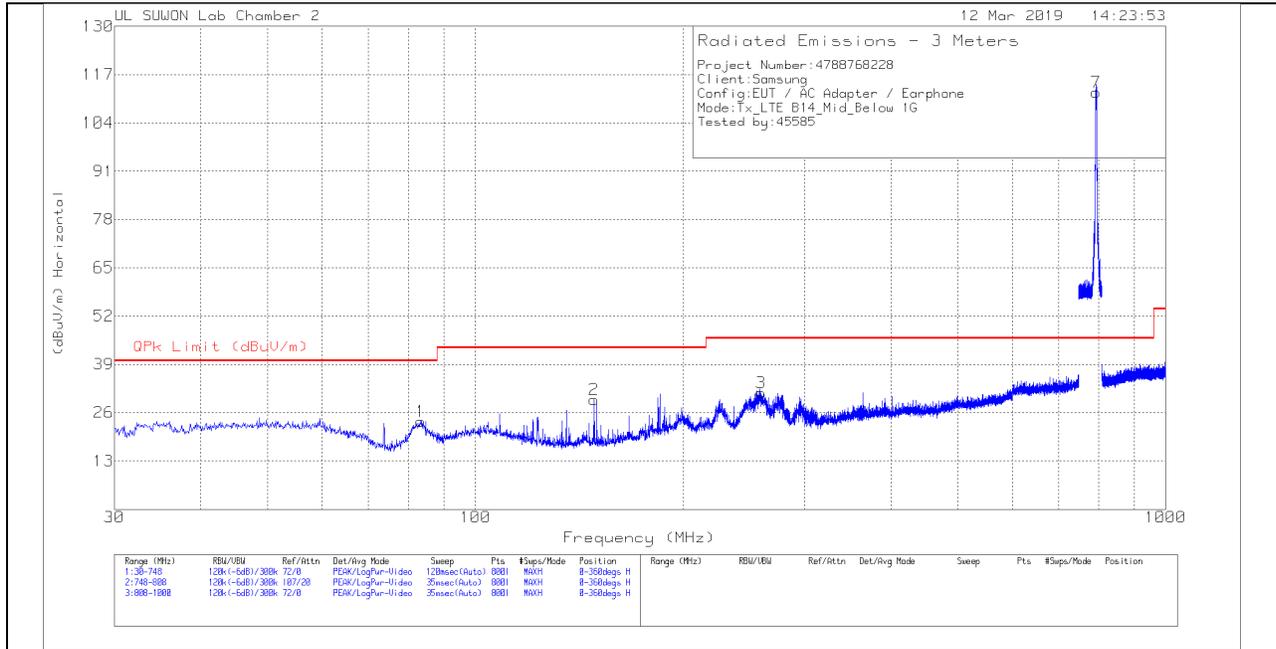
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	98.928	7.64	Pk	17.7	1.1	26.44	43.52	-17.08	0-360	300	H
2	191.909	11.63	Pk	17.5	1.5	30.63	43.52	-12.89	0-360	200	H
3	259.5805	12.61	Pk	18.9	1.7	33.21	46.02	-12.81	0-360	100	H
4	790.4425	76.35	Pk	26.7	3.1	106.15	46.02	60.13	0-360	100	H
5	97.6715	18.18	Pk	17.5	1.1	36.78	43.52	-6.74	0-360	100	V
6	104.0438	16.74	Pk	17.7	1.1	35.54	43.52	-7.98	0-360	300	V
7	141.0208	16.28	Pk	14	1.3	31.58	43.52	-11.94	0-360	300	V
8	790.345	77.03	Pk	26.7	3	106.73	46.02	60.71	0-360	100	V

Pk - Peak detector

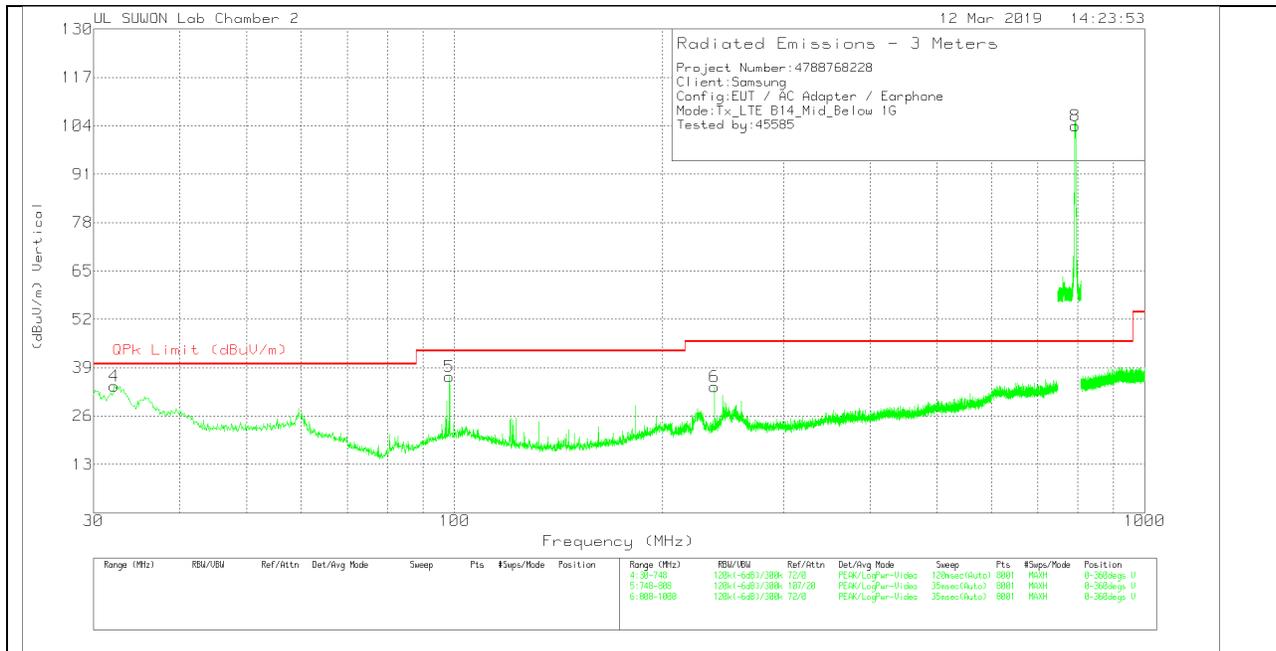
Note: Unwanted emissions captured from 788MHz to 799MHz and from 758MHz to 769MHz were the TX and RX signals generated from the call-simulator.

**MID CHANNEL(763.0MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

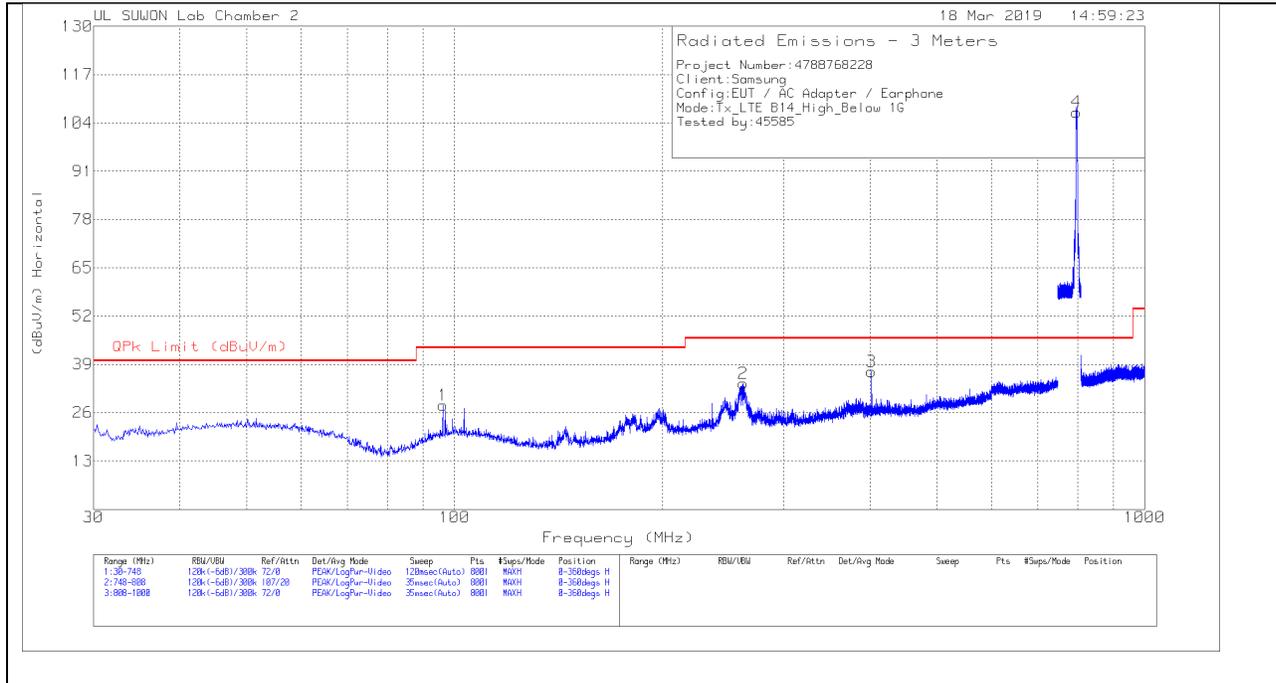
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	83.4013	9.52	Pk	13.1	1	23.62	40	-16.38	0-360	200	H
2	148.6495	14.22	Pk	14	1.3	29.52	43.52	-14	0-360	100	H
3	259.1318	10.78	Pk	18.9	1.7	31.38	46.02	-14.64	0-360	100	H
7	793.6375	82.43	Pk	26.7	3.1	112.23	<b>46.02</b>	<b>66.21</b>	0-360	100	H
4	32.154	18.02	Pk	15.5	.6	34.12	40	-5.88	0-360	100	V
5	98.2998	18.04	Pk	17.6	1	36.64	43.52	-6.88	0-360	200	V
6	237.9508	13.82	Pk	18.4	1.7	33.92	46.02	-12.1	0-360	100	V
8	792.9175	74.27	Pk	26.7	3	103.97	<b>46.02</b>	<b>57.95</b>	0-360	200	V

Pk - Peak detector

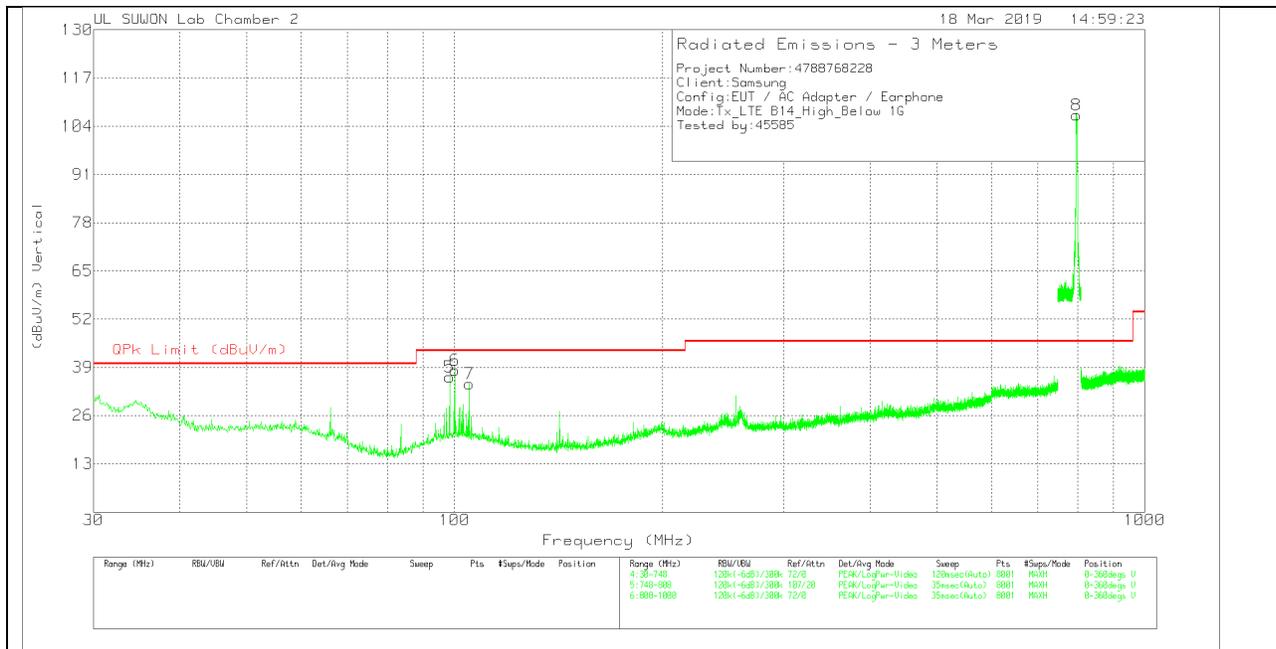
Note: Unwanted emissions captured from 788MHz to 799MHz and from 758MHz to 769MHz were the TX and RX signals generated from the call-simulator.

**HIGH CHANNEL(765.5MHz)**

**HORIZONTAL PEAK PLOT**



**VERTICAL PEAK PLOT**



**DATA**

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Bypass_Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	96.3253	9.52	Pk	17.4	1	27.92	43.52	-15.6	0-360	300	H
2	262.0935	13.47	Pk	18.7	1.7	33.87	46.02	-12.15	0-360	100	H
3	402.1035	13.55	Pk	21.3	2.2	37.05	46.02	-8.97	0-360	200	H
4	796.435	77.13	Pk	26.7	3.1	106.93	46.02	60.91	0-360	100	H
5	98.3895	17.67	Pk	17.6	1.1	36.37	43.52	-7.15	0-360	100	V
6	100.0948	19.45	Pk	17.7	1.1	38.25	43.52	-5.27	0-360	100	V
7	105.031	15.9	Pk	17.6	1.1	34.6	43.52	-8.92	0-360	100	V
8	796.285	77.23	Pk	26.7	3.1	107.03	46.02	61.01	0-360	100	V

Pk - Peak detector

Note: Unwanted emissions captured from 788MHz to 799MHz and from 758MHz to 769MHz were the TX and RX signals generated from the call-simulator.