CERTIFICATION TEST REPORT

Report Number. : 4790101660-E2V2

Applicant	:	SAMSUNG ELECTRONICS CO., LTD. 129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 16677, KOREA
Model	:	SM-X906B
FCC ID	:	A3LSMX906B
EUT Description	:	GSM/WCDMA/LTE/5G NR Tablet + BT/BLE, DTS/UNII a/b/g/n/ac/ax and WPT
Test Standard(s)	:	FCC 47 CFR PART 15 SUBPART B

Date Of Issue:
2021-12-06

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

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

IAS ACCREDITED
Testing Laboratory
TL-637

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2021-11-24	Initial issue	Yeonhee Lim
V2	2021-12-06	Updated to address TCB's question	Yeonhee Lim

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TABLE OF CONTENTS

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME:	SAMSUNG ELECTRONICS CO., LTD.
EUT DESCRIPTION:	GSM/WCDMA/LTE/5G NR Tablet + BT/BLE, DTS/UNII a/b/g/n/ac/ax and WPT
MODEL NUMBER:	SM-X906B
SERIAL NUMBER:	R32RA00376L (RADIATED)
DATE TESTED:	2021-11-10 ~ 2021-11-22;

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

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

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

Approved & Released For
UL Korea, Ltd. By:

Seokhwan Hong
Suwon Lab Engineer
UL Korea, Ltd.

Tested By:

Yeonhee Lim
Suwon Lab Technician
UL Korea, Ltd.

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2. TEST METHODOLOGY

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

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

3. FACILITIES AND ACCREDITATION

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

218 Maeyeong-ro
☒ Chamber 1
☒ Chamber 2
☐ Chamber 3

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

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4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

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

4.2. SAMPLE CALCULATION

Where relevant, the following sample calculation is provided:

EIRP = PSA reading with EUT worst orientation (dBm) + Path loss (dB) – cable loss(between the SG and substitution antenna) + Substitution Antenna Factor (dBi)

ERP = PSA reading with EUT worst orientation (dBm) + Path loss (dB) – cable loss(between the SG and substitution antenna)

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

4.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	UNCERTAINTY
Radiated Disturbance, 30 MHz to 1 GHz	4.05 dB
Radiated Disturbance, 1 GHz to 18 GHz	5.78 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 2, Clause 4.4.3 in IEC Guide 115:2007.

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5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

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

5.2. TEST MODE

Mode	Description
GSM850	Communicating with Call simulator(CMW500)
	Communicating with Call simulator(CMW500) + Camera(Rear)
WCDMA 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)
5G NR BAND n5	Communicating with Call simulator(E7515B)

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5.3. WORST-CASE ORIENTATION AND MODE

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

Band	Worst Case		
	X	Y	Z
GSM 850	-	O	-
WCDMA B5	-	O	-
LTE B12	O	-	-
LTE B13	-	O	-
LTE B26	-	O	-
NR n5	-	O	-

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

LTE Band 5
LTE Band 5(Rx Frequency range: 869-894 MHz) is covered by LTE Band 26(Rx Frequency range: 859-894 MHz) due to overlapping frequency range, same maximum tune-up limit and same channel bandwidth.

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.

5G NR Band n5
5G NR BAND n5 (Rx Frequncy range: 869-894 MHz) is covered by GSM 850(Rx Frequency range: 869-894 MHz) due to same frequency range and maximum tune-up limit is higher than 5G NR BAND n5. Therefore, only Mid channel was checked.

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

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5.4. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Support Equipment List				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID**
Charger	SAMSUNG	EP-TA800	R37N9BV0382HM3	N/A
Data Cable	SAMSUNG	EP- DN980BBE	N/A	N/A

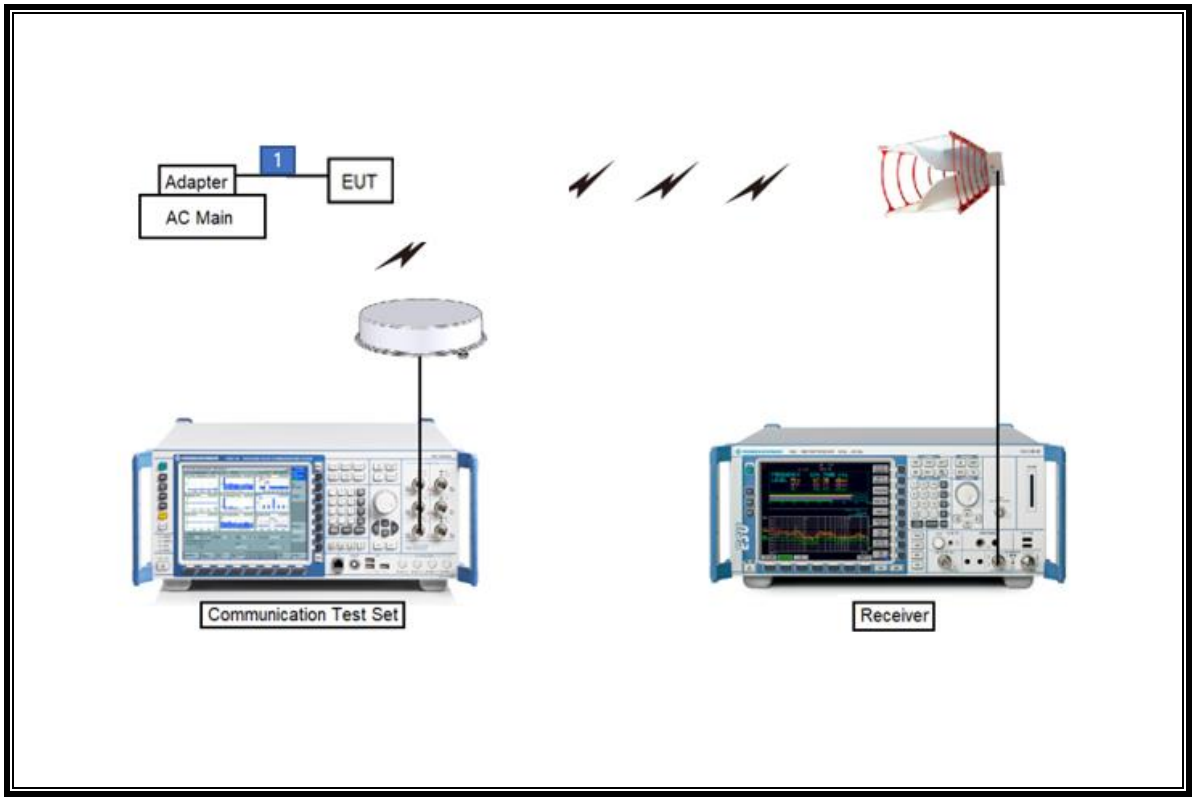
I/O CABLE

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

TEST SETUP

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

SETUP DIAGRAM FOR TESTS (RADIATED TEST SETUP)



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6. TEST AND MEASUREMENT EQUIPMENT

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

Test Equipment List				
Description	**Manufacturer**	**Model**	**S/N**	**Cal Due**
Antenna, Tuned Dipole 400~1000 MHz	ETS	3121D DB4	00164753	2023-02-08
Antenna, Horn, 40 GHz	ETS	3116C	00166155	2022-08-04
Antenna, Horn, 40 GHz	ETS	3116C	00168645	2023-10-13
Preamplifier	ETS	3116C-PA	00168841	2022-08-04
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	750	2022-08-19
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	845	2022-08-13
Antenna, Bilog, 30MHz-1GHz	SCHWARZBECK	VULB9163	749	2022-08-13
Antenna, Horn, 18 GHz	ETS	3115	00167211	2022-07-27
Antenna, Horn, 18 GHz	ETS	3115	00161451	2022-08-15
Antenna, Horn, 18 GHz	ETS	3117	00168724	2022-07-27
Antenna, Horn, 18 GHz	ETS	3117	00168717	2022-08-15
Communications Test Set	R&S	CMW500	169796	2022-01-27
Preamplifier, 1000 MHz	Sonoma	310N	341282	2022-08-02
Preamplifier, 1000 MHz	Sonoma	310N	370599	2022-08-02
Preamplifier, 1000 MHz	Sonoma	310N	351741	2022-08-02
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1876511	2022-08-02
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	2029168	2022-08-02
Preamplifier, 18 GHz	Miteq	AFS42-00101800-25-S-42	1896138	2022-08-02
EMI Test Receive, 40 GHz	R&S	ESU40	100439	2022-08-02
EMI Test Receive, 40 GHz	R&S	ESU40	100457	2022-08-02
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	2022-08-03
High Pass Filter 1.2GHz	Micro-Tronics	HPM50108-02	G006	2022-08-02
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	010	2022-08-03
High Pass Filter 2.8GHz	Micro-Tronics	HPM50111-02	011	2022-08-02
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G001	2022-08-03
High Pass Filter 4GHz	Micro-Tronics	HPM50118-02	G002	2022-08-02
Attenuator	PASTERNACK	PE7087-10	A009	2022-08-03
Attenuator	PASTERNACK	PE7087-10	A001	2022-08-03
Attenuator	PASTERNACK	PE7087-10	A008	2022-08-03
Attenuator	PASTERNACK	PE7004-10	2	2022-08-02
Attenuator	PASTERNACK	PE7395-10	A011	2022-08-03
EMI Test Receive, 3 GHz	R&S	ESR3	101832	2022-08-02
LISN	R&S	ENV-216	101836	2022-08-05
LISN	R&S	ENV-216	101837	2022-08-05
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY58120110	2022-01-13
UL Software				
Description	**Manufacturer**	**Model**	**Version**	
Radiated software	UL	UL EMC	Ver 9.5	
AC Line Conducted software	UL	UL EMC	Ver 9.5	

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7. APPLICABLE LIMITS AND TEST RESULTS

7.1. RADIATED EMISSIONS

TEST PROCEDURE

ANSI C63.4-2014

LIMIT

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

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

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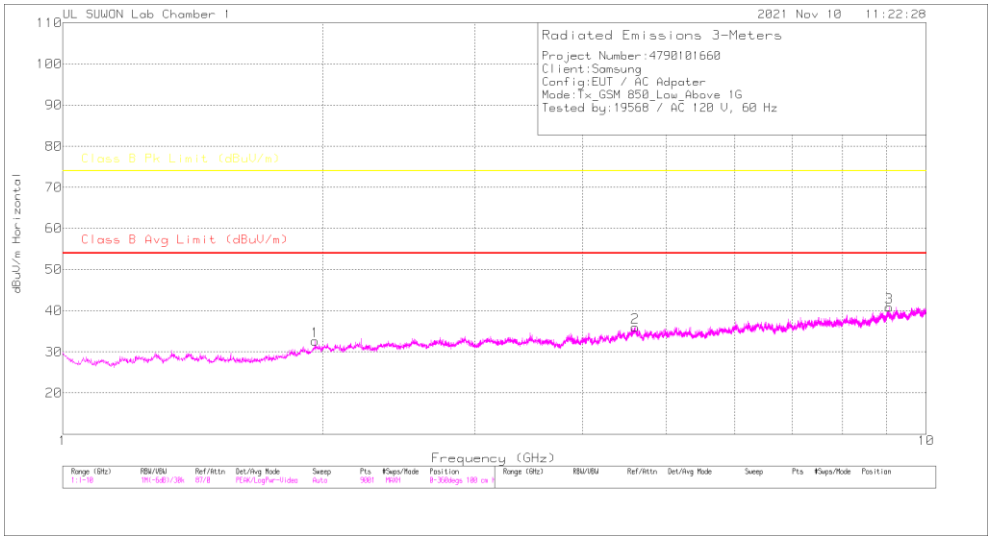
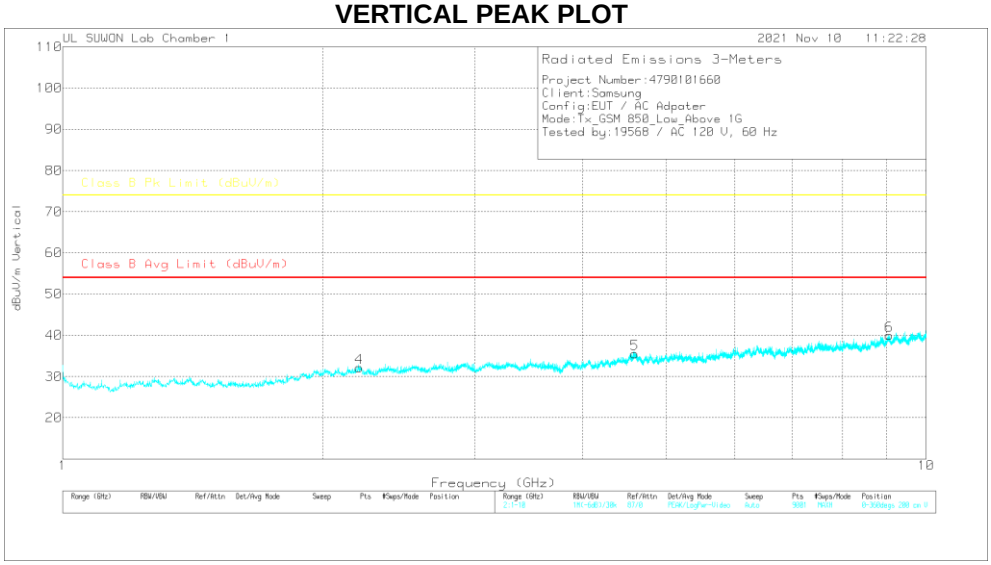
7.1.1. Above 1 GHz in the GSM850

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_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.959	36.64	PK	31.2	-35.8	.6	32.64	-	-	74	-41.36	0-360	100	H
2	4.601	33.17	PK	34.2	-31.9	.5	35.97	-	-	74	-38.03	0-360	100	H
3	9.056	28.31	PK	36.6	-24.8	.7	40.81	-	-	74	-33.19	0-360	100	H
4	2.206	35.47	PK	31.5	-35.5	.7	32.17	-	-	74	-41.83	0-360	200	V
5	4.596	32.74	PK	34.2	-31.9	.5	35.54	-	-	74	-38.46	0-360	200	V
6	9.066	27.62	PK	36.6	-24.8	.6	40.02	-	-	74	-33.98	0-360	200	V

PK – Peak Detector

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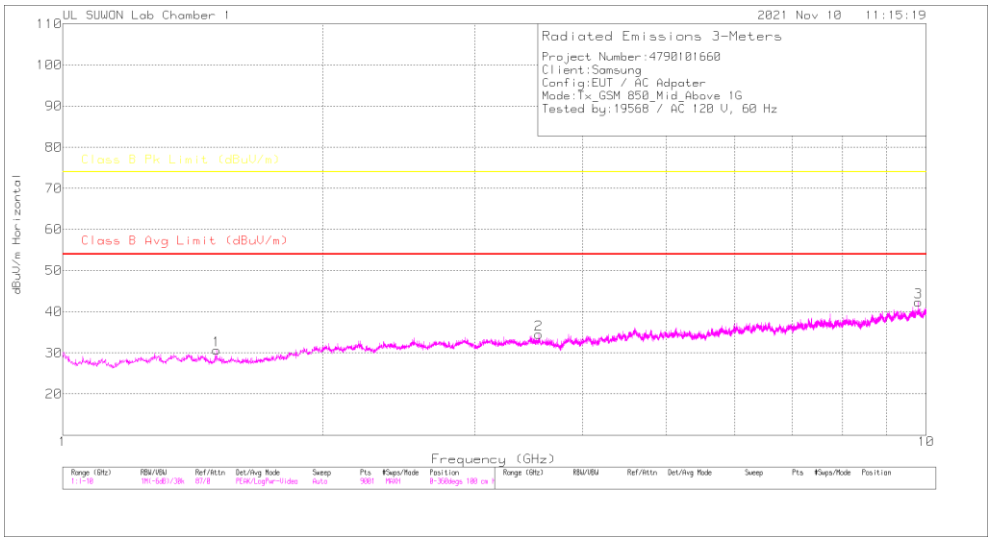
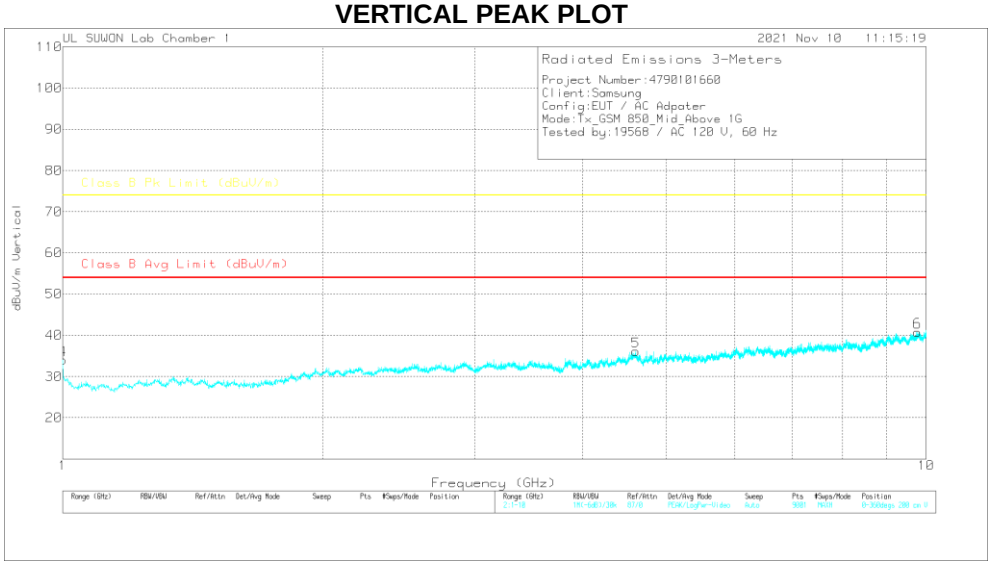
MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.507	37.79	PK	28.8	-36.7	.8	30.69	-	-	74	-43.31	0-360	100	H
2	3.56	34.02	PK	33	-33.1	.6	34.52	-	-	74	-39.48	0-360	100	H
3	9.792	28.02	PK	37.5	-23.8	.6	42.32	-	-	74	-31.68	0-360	100	H
4	1	41.12	PK	28.2	-37.9	2.6	34.02	-	-	74	-39.98	0-360	200	V
5	4.611	33.38	PK	34.2	-31.9	.5	36.18	-	-	74	-37.82	0-360	200	V
6	9.771	26.6	PK	37.5	-23.9	.6	40.8	-	-	74	-33.2	0-360	100	V

PK – Peak Detector

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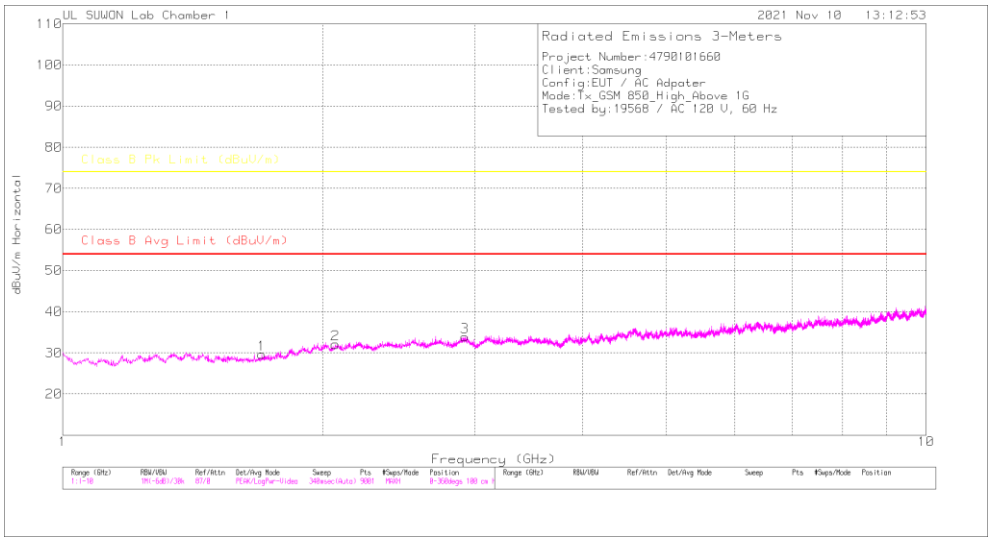
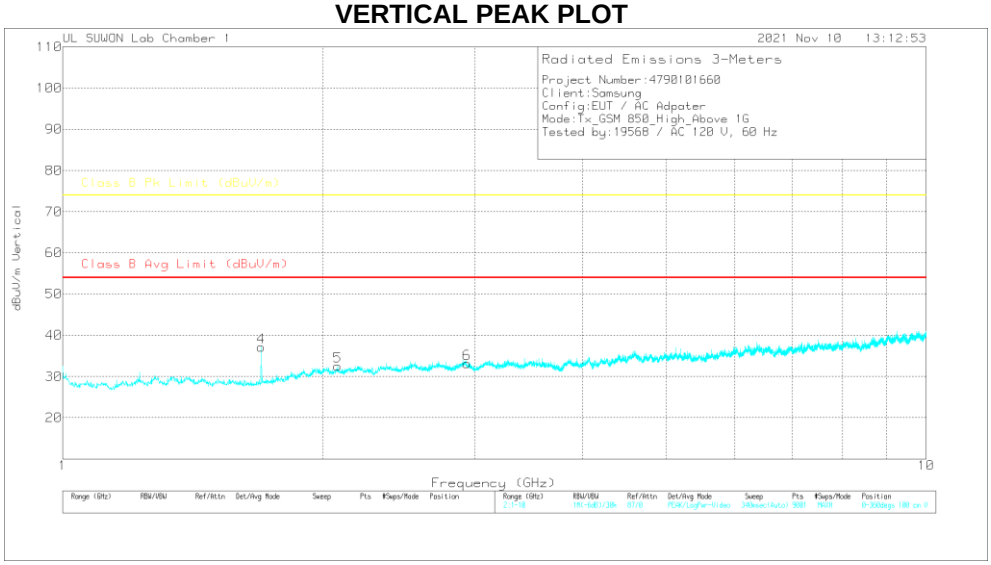
HIGH CHANNEL(893.8 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.701	36.52	PK	28.6	-36.3	.8	29.62	-	-	74	-44.38	0-360	100	H
2	2.069	35.48	PK	31.6	-35.5	.5	32.08	-	-	74	-41.92	0-360	100	H
3	2.923	34.65	PK	32.3	-33.9	.8	33.85	-	-	74	-40.15	0-360	100	H
4	1.697	44.03	PK	28.6	-36.3	.8	37.13	-	-	74	-36.87	0-360	100	V
5	2.082	35.93	PK	31.6	-35.6	.6	32.53	-	-	74	-41.47	0-360	200	V
6	2.938	34.09	PK	32.3	-34.1	.8	33.09	-	-	74	-40.91	0-360	100	V

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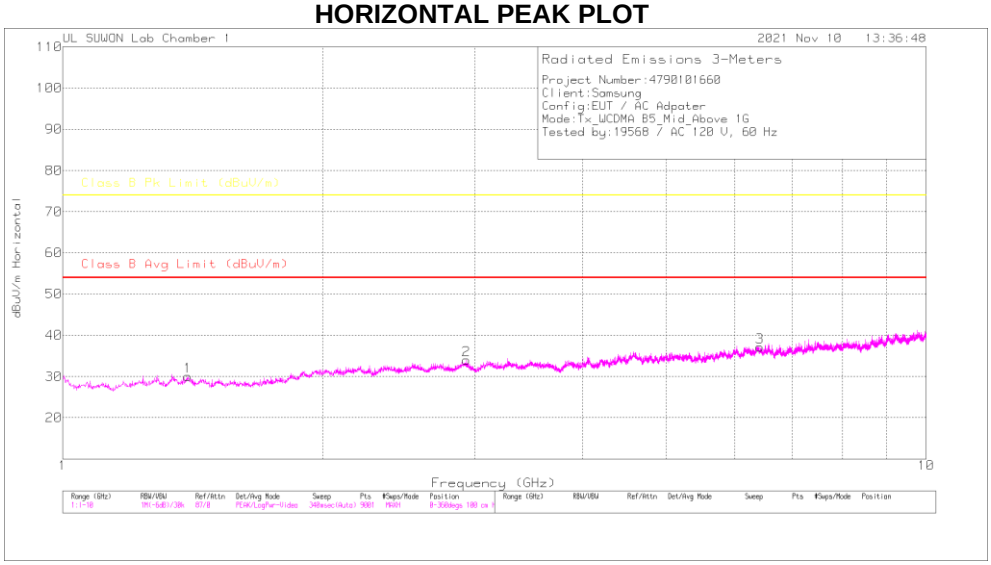
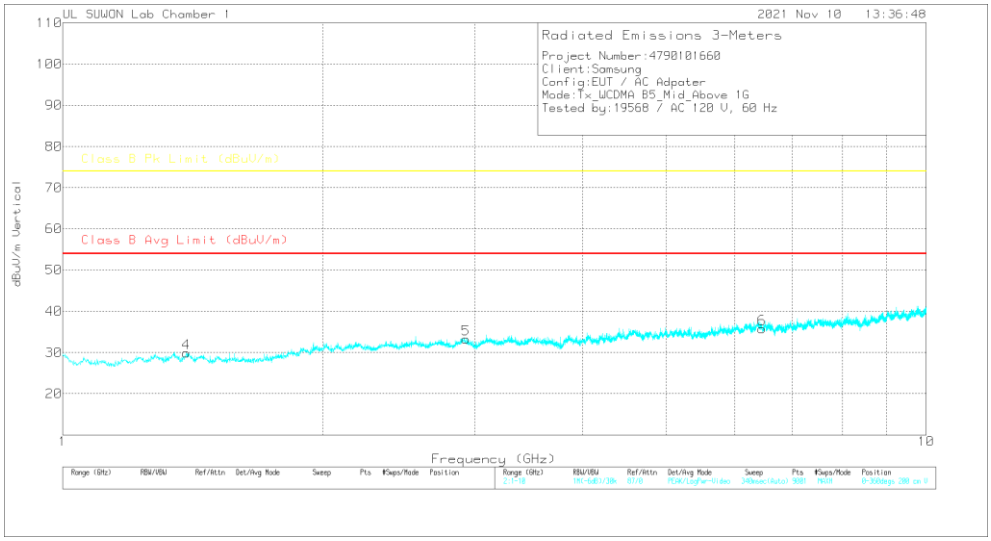
7.1.2. Above 1 GHz in the WCDMA Band 5

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.397	36.8	PK	29.4	-37	.8	30	-	-	74	-44	0-360	100	H
2	2.935	34.89	PK	32.3	-34	.8	33.99	-	-	74	-40.01	0-360	100	H
3	6.422	30.83	PK	35.5	-29.6	.4	37.13	-	-	74	-36.87	0-360	100	H
4	1.391	36.69	PK	29.4	-37	.8	29.89	-	-	74	-44.11	0-360	200	V
5	2.931	34.2	PK	32.3	-34	.8	33.3	-	-	74	-40.7	0-360	200	V
6	6.458	29.2	PK	35.5	-29.4	.4	35.7	-	-	74	-38.3	0-360	200	V

PK – Peak Detector

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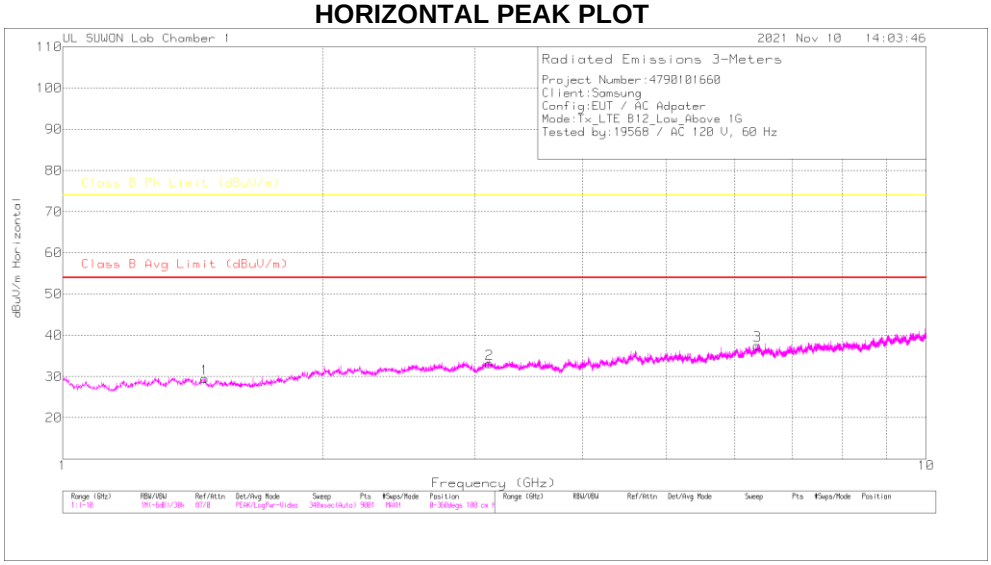
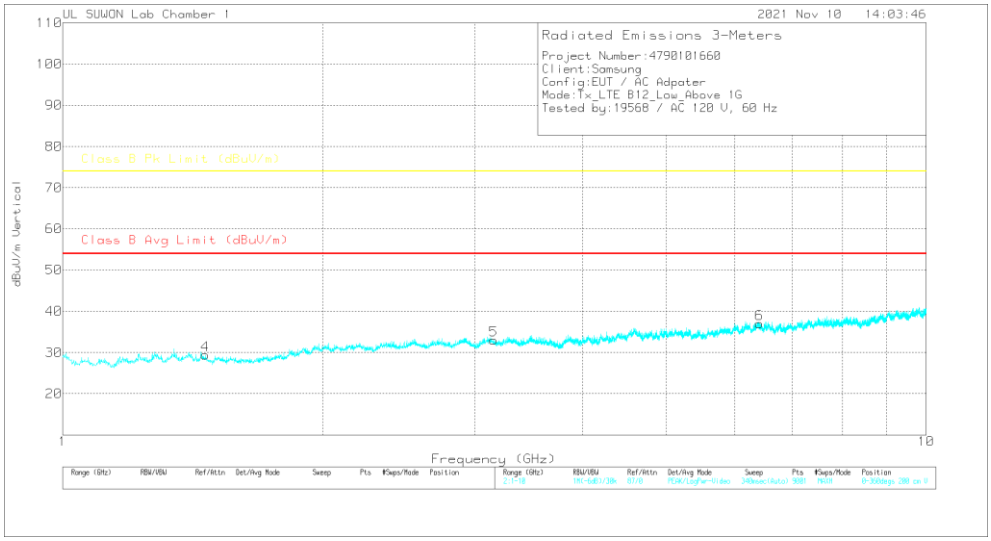
7.1.3. Above 1 GHz in the LTE Band 12

LOW CHANNEL(730.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.461	36.44	PK	29.1	-36.8	.8	29.54	-	-	74	-44.46	0-360	100	H
2	3.12	33.39	PK	32.6	-33.6	.7	33.09	-	-	74	-40.91	0-360	100	H
3	6.379	31.26	PK	35.5	-29.6	.4	37.56	-	-	74	-36.44	0-360	100	H
4	1.462	36.33	PK	29.1	-36.8	.8	29.43	-	-	74	-44.57	0-360	200	V
5	3.156	33.32	PK	32.7	-33.7	.7	33.02	-	-	74	-40.98	0-360	200	V
6	6.406	30.7	PK	35.5	-29.6	.4	37	-	-	74	-37	0-360	200	V

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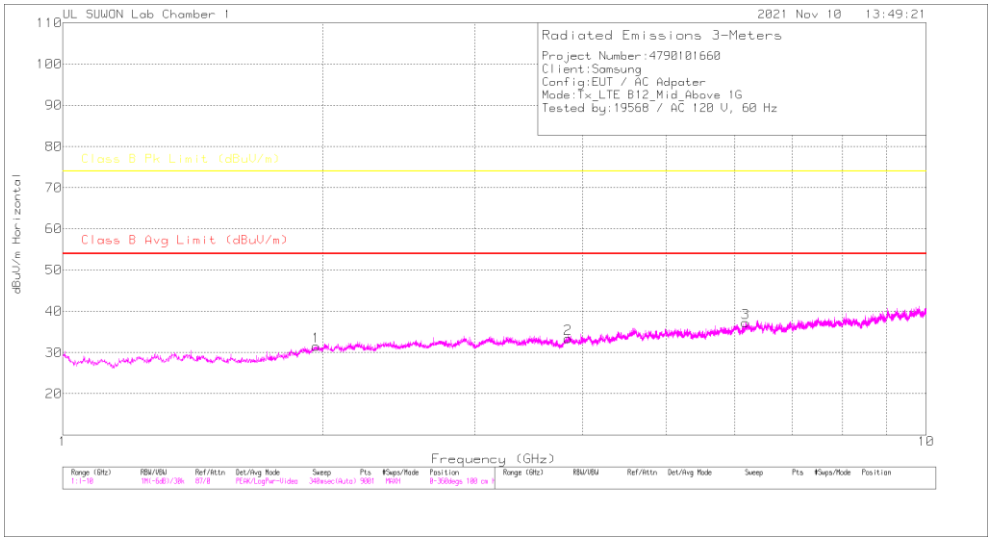
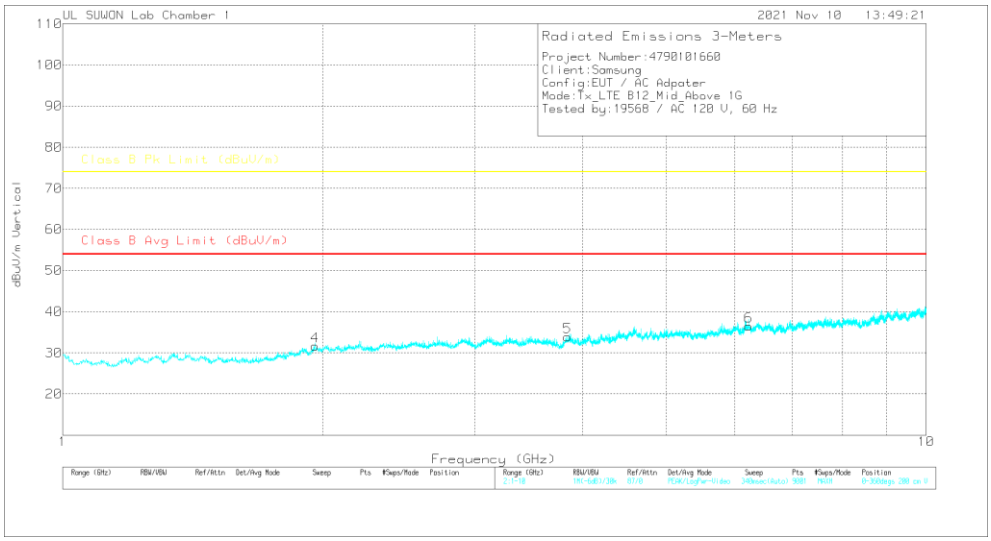
MID CHANNEL(737.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.966	35.43	PK	31.2	-35.7	.6	31.53	-	-	74	-42.47	0-360	100	H
2	3.846	32.49	PK	33.2	-32.9	.6	33.39	-	-	74	-40.61	0-360	100	H
3	6.179	31.28	PK	35.4	-29.8	.4	37.28	-	-	74	-36.72	0-360	100	H
4	1.961	35.61	PK	31.2	-35.8	.6	31.61	-	-	74	-42.39	0-360	200	V
5	3.844	33.01	PK	33.2	-32.9	.6	33.91	-	-	74	-40.09	0-360	200	V
6	6.225	30.28	PK	35.5	-29.8	.5	36.48	-	-	74	-37.52	0-360	200	V

PK – Peak Detector

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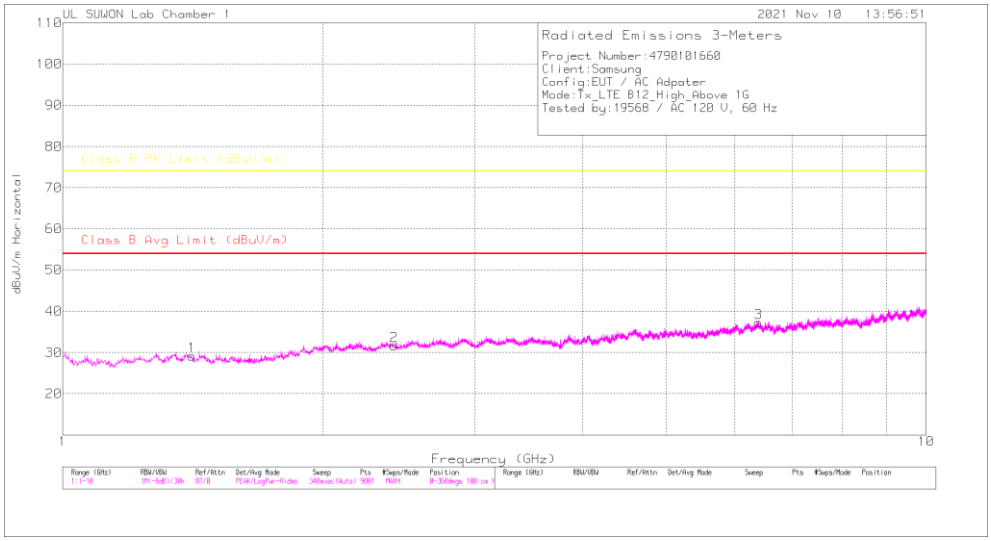
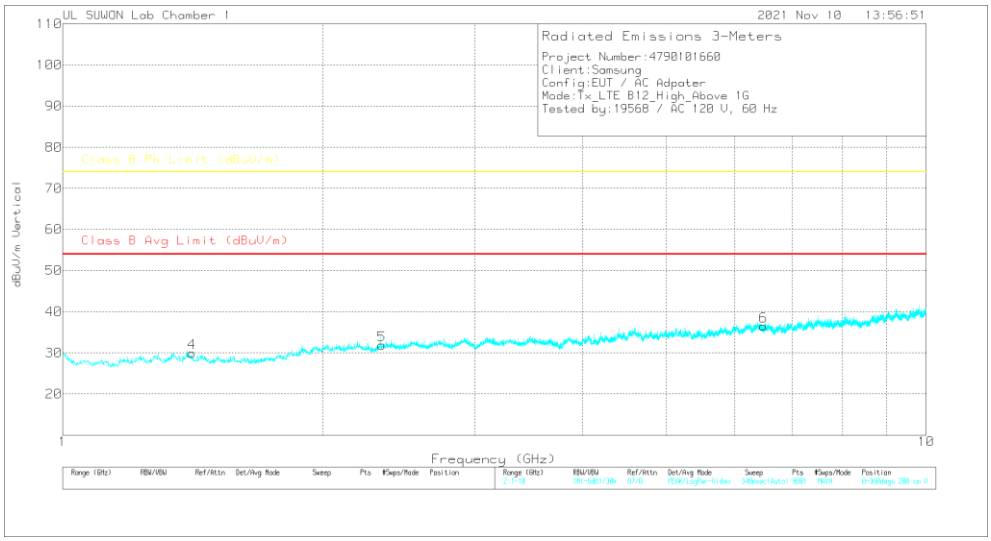
HIGH CHANNEL(744.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.411	35.97	PK	29.3	-36.9	.8	29.17	-	-	74	-44.83	0-360	100	H
2	2.42	33.98	PK	31.9	-35	.8	31.68	-	-	74	-42.32	0-360	100	H
3	6.389	30.98	PK	35.5	-29.6	.4	37.28	-	-	74	-36.72	0-360	100	H
4	1.411	36.76	PK	29.3	-36.9	.8	29.96	-	-	74	-44.04	0-360	200	V
5	2.341	34.68	PK	31.7	-35.2	.7	31.88	-	-	74	-42.12	0-360	200	V
6	6.482	30.03	PK	35.5	-29.4	.4	36.53	-	-	74	-37.47	0-360	200	V

PK – Peak Detector

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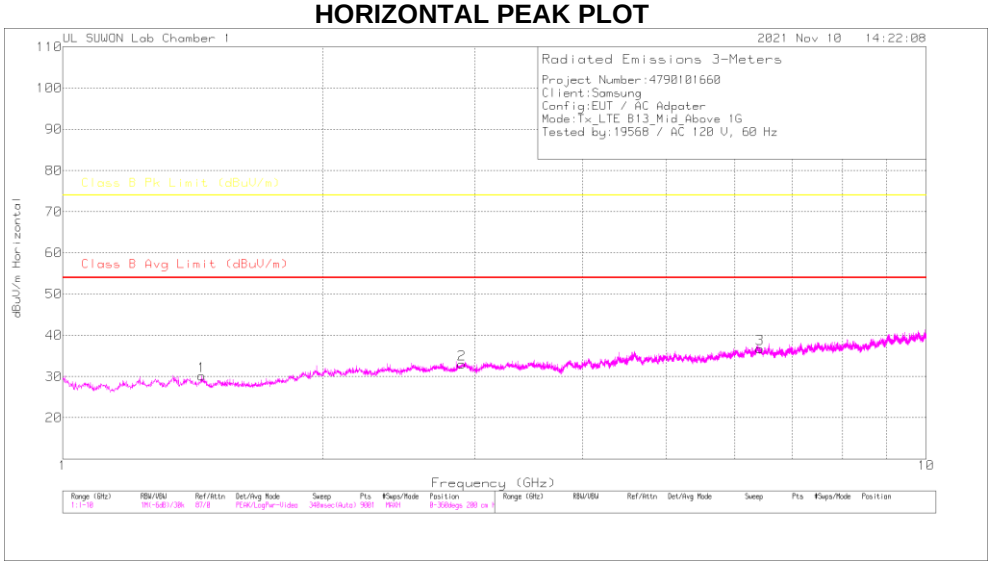
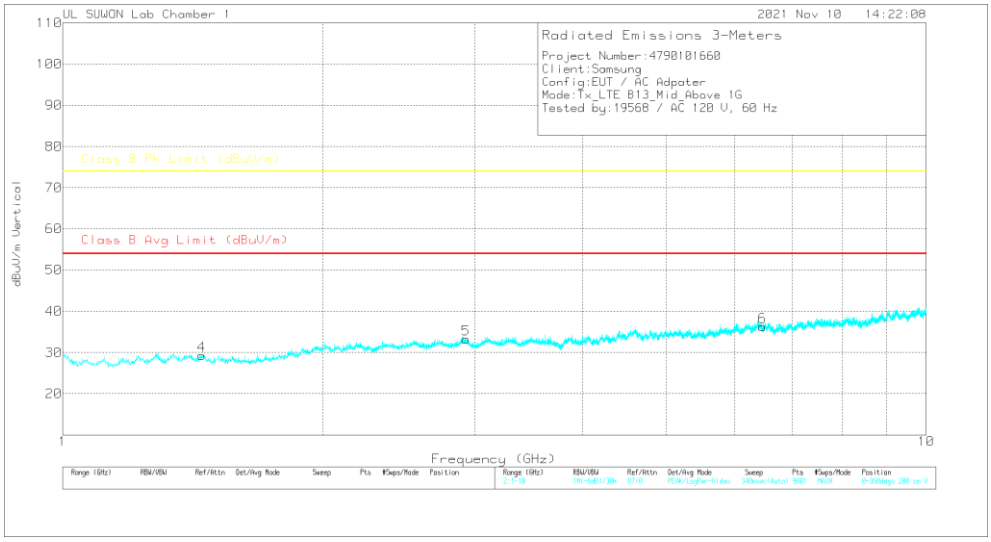
7.1.4. Above 1 GHz in the LTE Band 13

MID CHANNEL(751.0 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.449	37.01	PK	29.2	-36.9	.8	30.11	-	-	74	-43.89	0-360	100	H
2	2.9	33.84	PK	32.3	-33.9	.8	33.04	-	-	74	-40.96	0-360	100	H
3	6.418	30.5	PK	35.5	-29.6	.4	36.8	-	-	74	-37.2	0-360	100	H
4	1.448	36.19	PK	29.2	-36.9	.8	29.29	-	-	74	-44.71	0-360	200	V
5	2.931	34.16	PK	32.3	-34	.8	33.26	-	-	74	-40.74	0-360	200	V
6	6.461	29.74	PK	35.5	-29.4	.4	36.24	-	-	74	-37.76	0-360	200	V

PK – Peak Detector

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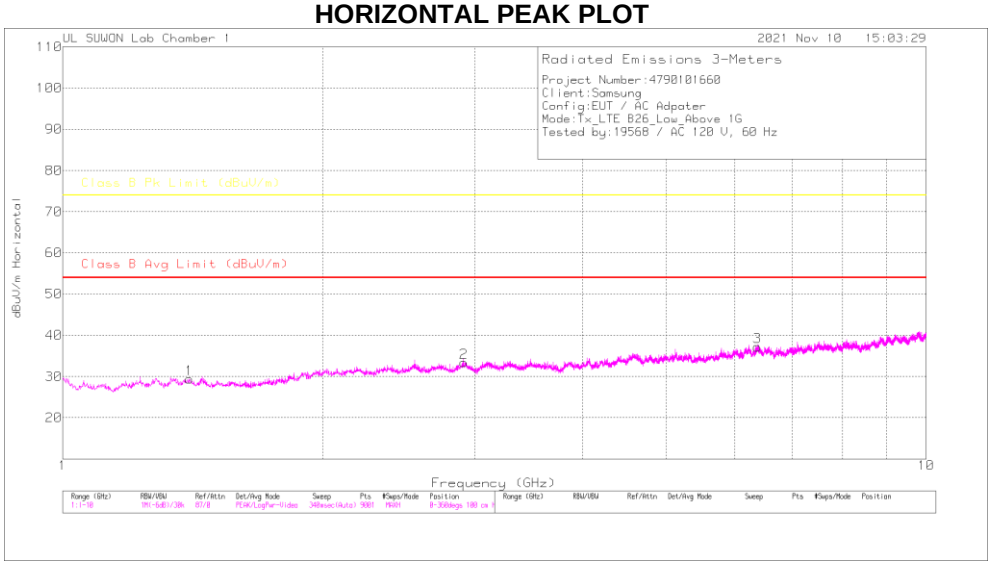
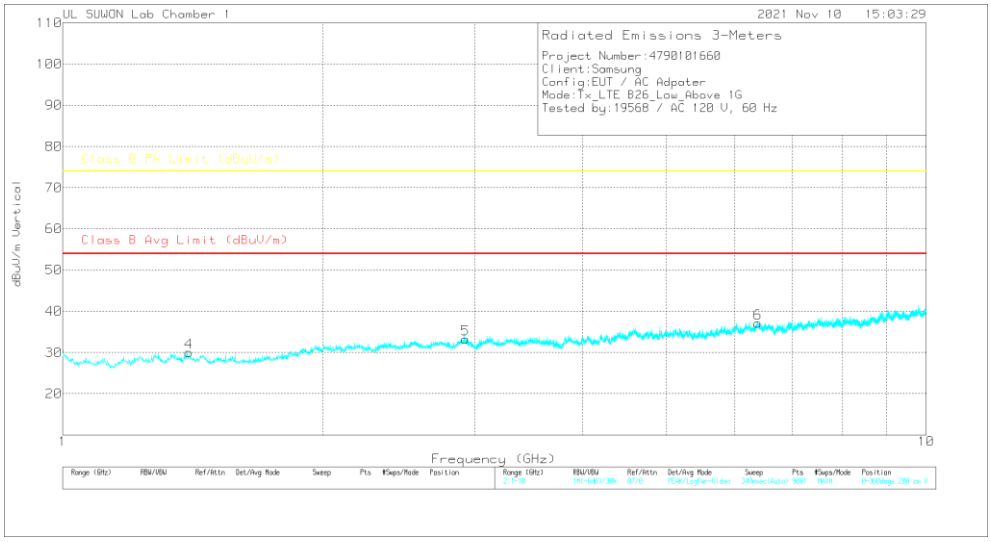
7.1.5. Above 1 GHz in the LTE Band 26

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_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.402	36.17	PK	29.4	-37	.8	29.37	-	-	74	-44.63	0-360	100	H
2	2.914	34.14	PK	32.3	-33.9	.8	33.34	-	-	74	-40.66	0-360	100	H
3	6.373	30.89	PK	35.5	-29.6	.4	37.19	-	-	74	-36.81	0-360	100	H
4	1.4	36.81	PK	29.4	-37	.8	30.01	-	-	74	-43.99	0-360	200	V
5	2.926	34.18	PK	32.3	-34	.8	33.28	-	-	74	-40.72	0-360	200	V
6	6.388	30.79	PK	35.5	-29.6	.4	37.09	-	-	74	-36.91	0-360	200	V

PK – Peak Detector

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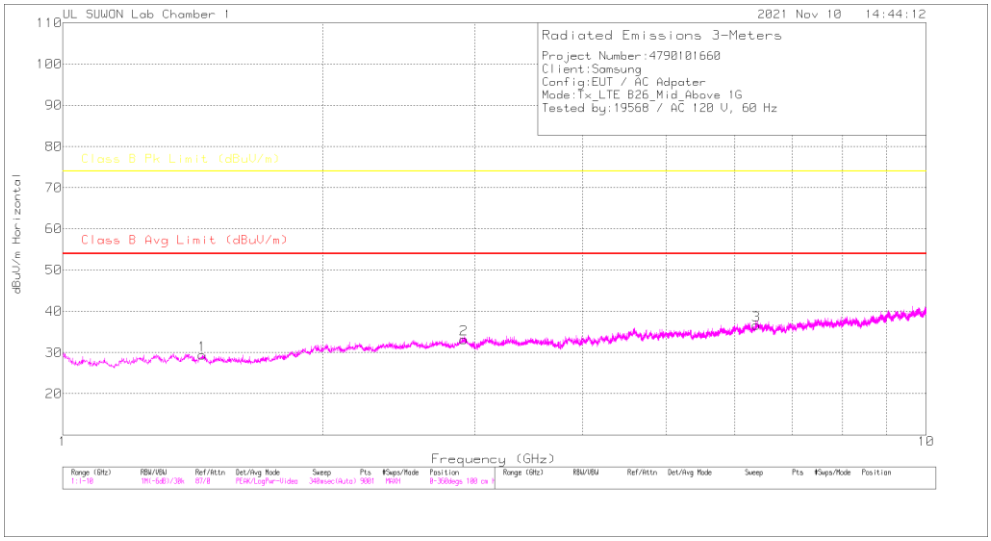
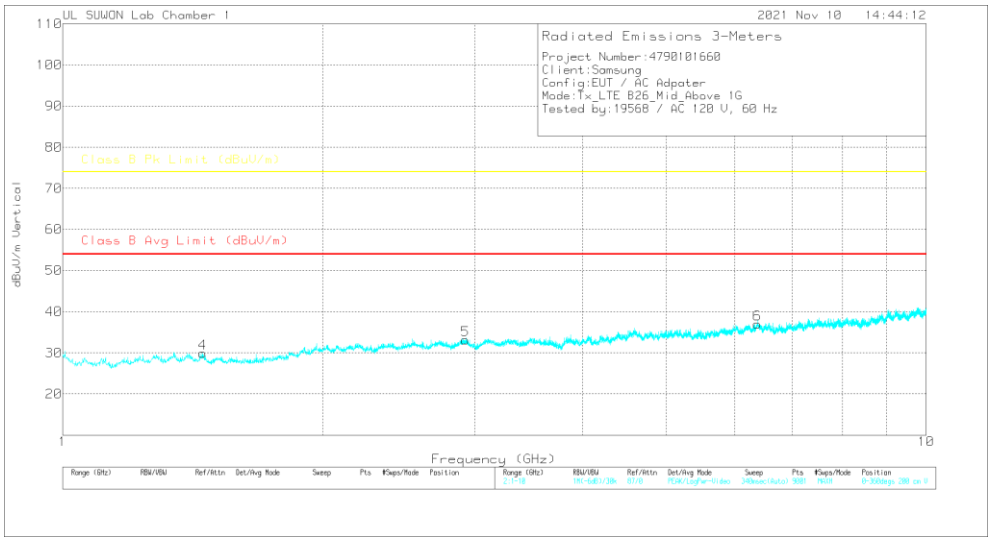
MID CHANNEL(876.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.45	36.28	PK	29.2	-36.9	.8	29.38	-	-	74	-44.62	0-360	100	H
2	2.916	34	PK	32.3	-33.9	.8	33.2	-	-	74	-40.8	0-360	100	H
3	6.357	30.39	PK	35.5	-29.7	.4	36.59	-	-	74	-37.41	0-360	100	H
4	1.453	36.76	PK	29.1	-36.8	.8	29.86	-	-	74	-44.14	0-360	200	V
5	2.926	34	PK	32.3	-34	.8	33.1	-	-	74	-40.9	0-360	200	V
6	6.371	30.71	PK	35.5	-29.6	.4	37.01	-	-	74	-36.99	0-360	200	V

PK – Peak Detector

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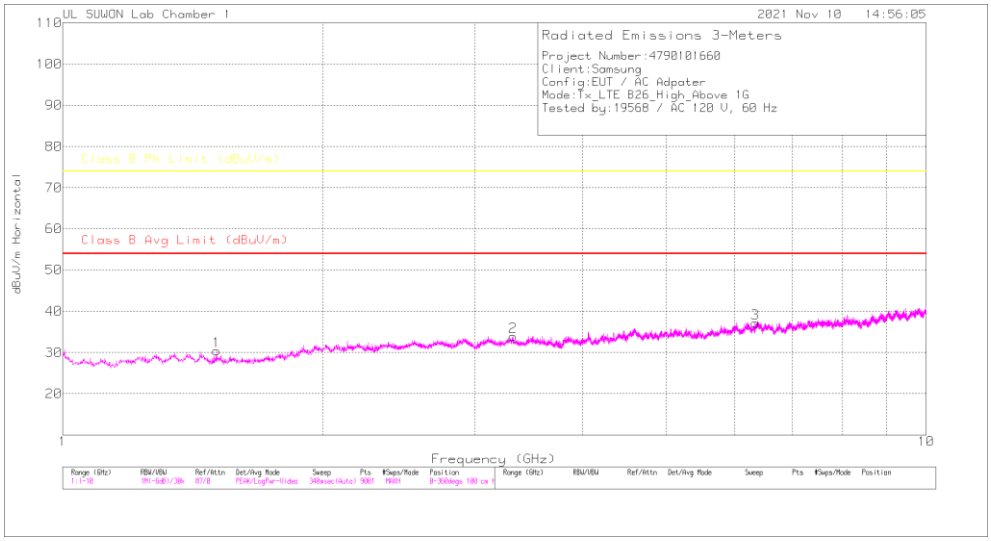
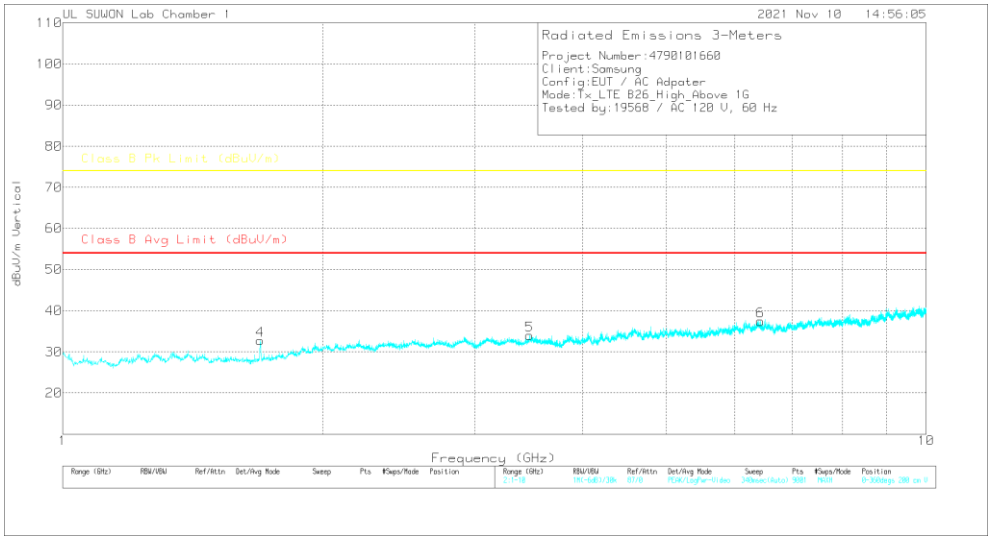
HIGH CHANNEL(892.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	1-18GHz[dB]	1GHz_HP[dB]	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Av(CISPR)Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.508	37.47	PK	28.8	-36.7	.8	30.37	-	-	74	-43.63	0-360	100	H
2	3.322	34.22	PK	32.6	-33.6	.7	33.92	-	-	74	-40.08	0-360	100	H
3	6.344	30.92	PK	35.5	-29.7	.4	37.12	-	-	74	-36.88	0-360	100	H
4	1.694	39.64	PK	28.6	-36.3	.8	32.74	-	-	74	-41.26	0-360	200	V
5	3.474	34	PK	32.7	-33.2	.5	34	-	-	74	-40	0-360	200	V
6	6.43	31.14	PK	35.5	-29.6	.4	37.44	-	-	74	-36.56	0-360	200	V

PK – Peak Detector

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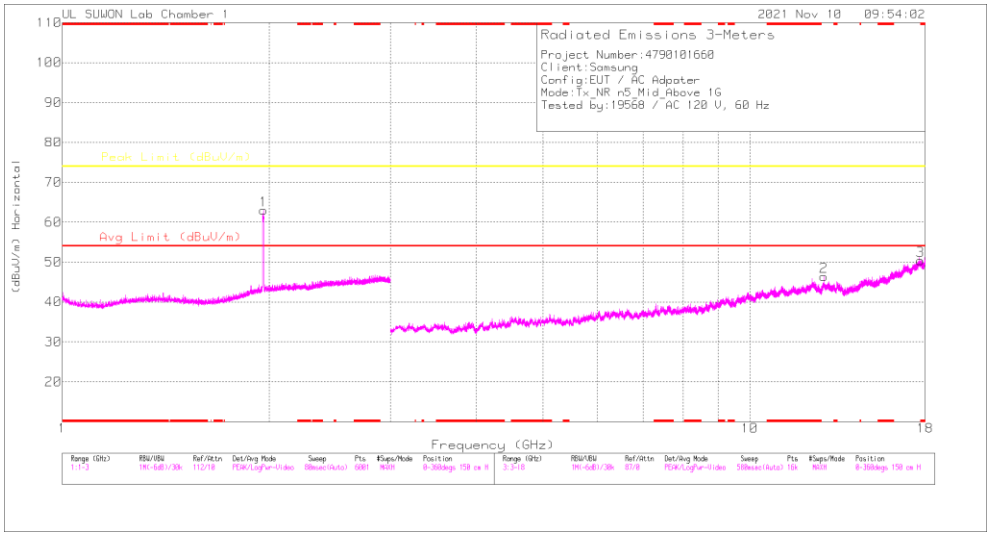
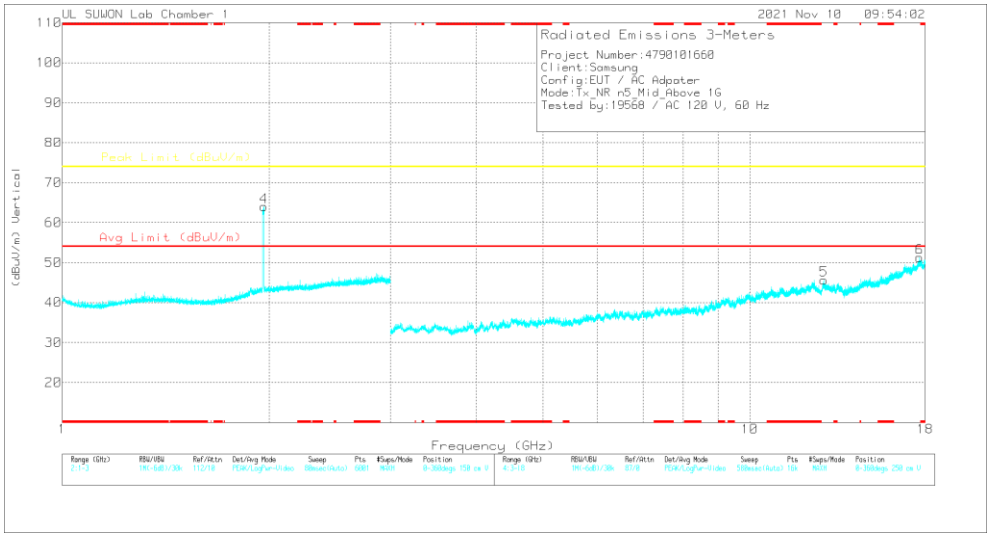
7.1.6. Above 1 GHz in the 5G NR Band 5

MID CHANNEL(881.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB_ATT[dB]	1GHz_HP[dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.963	57.29	PK	31.2	-26.1	.6	62.99	-	-	74	-11.01	0-360	100	H
4	1.96433	58.27	PK	31.2	-26.1	.6	63.97	-	-	74	-10.03	0-360	250	V

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	1GHz_HP[dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	12.81126	28.21	PK	39	-22	1.2	46.41	-	-	74	-27.59	0-360	150	H
3	* 17.72439	24.08	PK	41.3	-16.1	1.1	50.38	-	-	74	-23.62	0-360	150	H
5	12.81126	27.42	PK	39	-22	1.2	45.62	-	-	74	-28.38	0-360	250	V
6	17.6672	25.33	PK	41.2	-16.2	.9	51.23	-	-	74	-22.77	0-360	250	V

PK – Peak Detector

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

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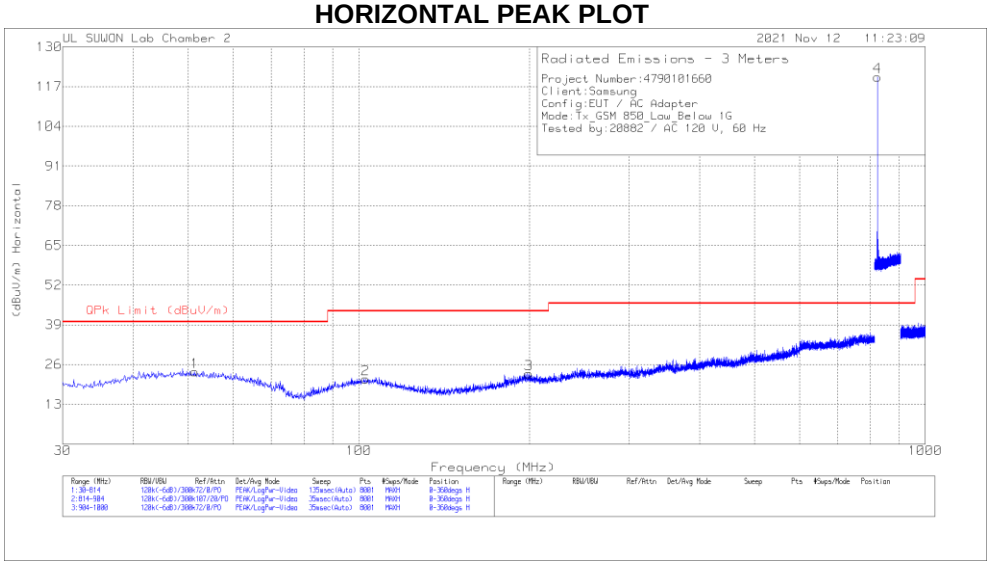
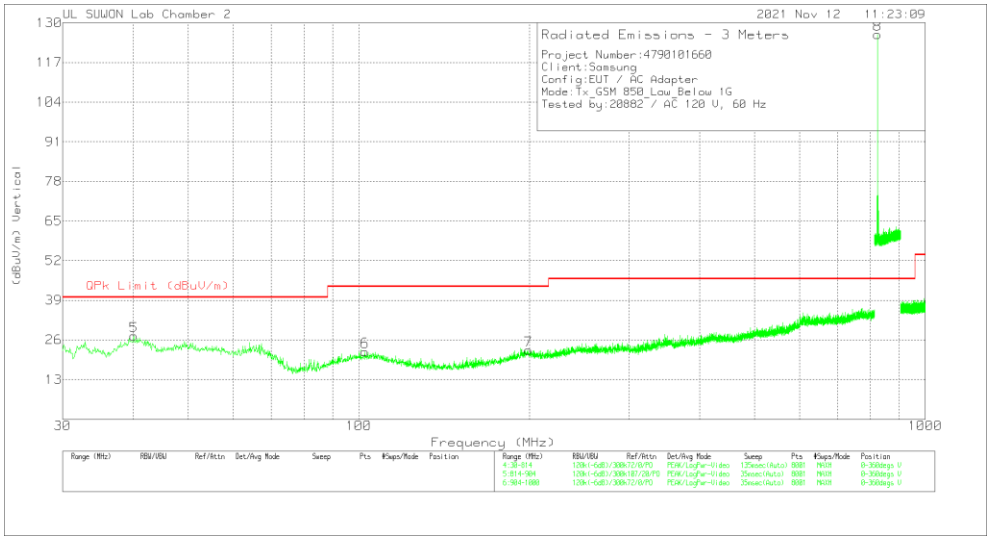
7.1.7. Below 1 GHz in the GSM850

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	51.364	2.97	Pk	19.8	.8	23.57	40	-16.43	0-360	100	H
2	102.716	2.47	Pk	17.6	1.2	21.27	43.52	-22.25	0-360	300	H
3	199.54	4.17	Pk	17.2	1.6	22.97	43.52	-20.55	0-360	100	H
4	824.2488	90.31	Pk	26.7	3.2	120.21	**46.02**	**74.19**	0-360	200	H
5	40.094	8.04	Pk	18.6	.7	27.34	40	-12.66	0-360	200	V
6	102.52	3.49	Pk	17.6	1.1	22.19	43.52	-21.33	0-360	400	V
7	199.246	3.77	Pk	17.3	1.6	22.67	43.52	-20.85	0-360	400	V
8	824.1363	96.35	Pk	26.7	3.2	126.25	**46.02**	**80.23**	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.

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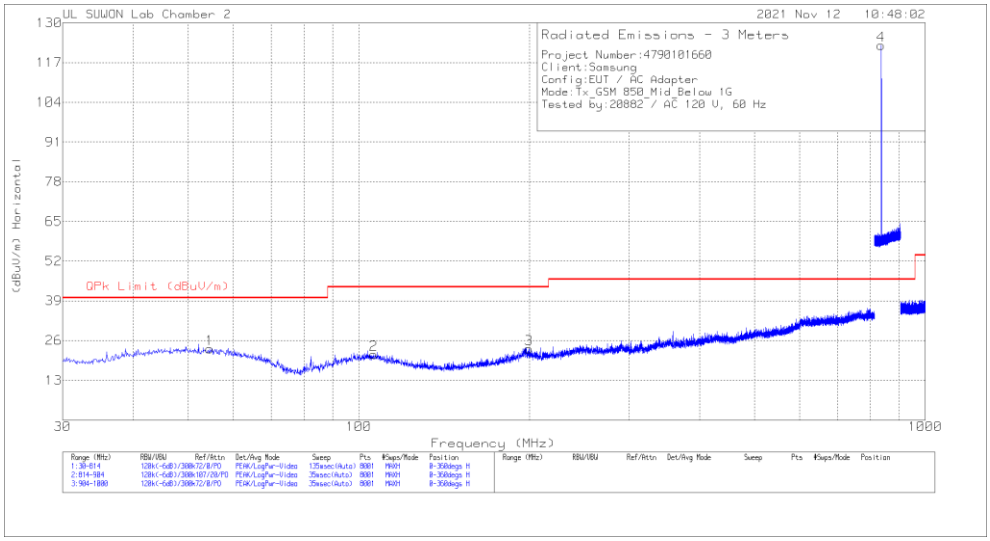
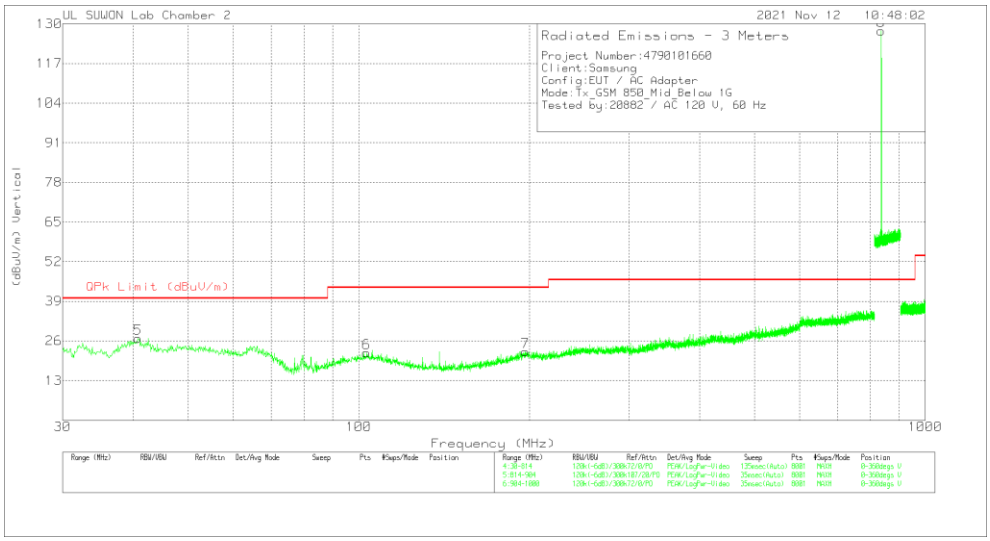
MID CHANNEL(881.6 MHz)

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	54.5	3.1	Pk	19.4	.8	23.3	40	-16.7	0-360	100	H
2	106.146	2.74	Pk	17.5	1.2	21.44	43.52	-22.08	0-360	100	H
3	199.736	4.53	Pk	17.2	1.6	23.33	43.52	-20.19	0-360	100	H
4	836.6125	92.4	Pk	26.9	3.3	122.6	**46.02**	**76.58**	0-360	300	H
5	40.78	7.39	Pk	18.8	.7	26.89	40	-13.11	0-360	200	V
6	103.206	3.31	Pk	17.6	1.2	22.11	43.52	-21.41	0-360	400	V
7	196.796	3.38	Pk	17.5	1.6	22.48	43.52	-21.04	0-360	300	V
8	836.6688	97.52	Pk	26.9	3.3	127.72	**46.02**	**81.7**	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.

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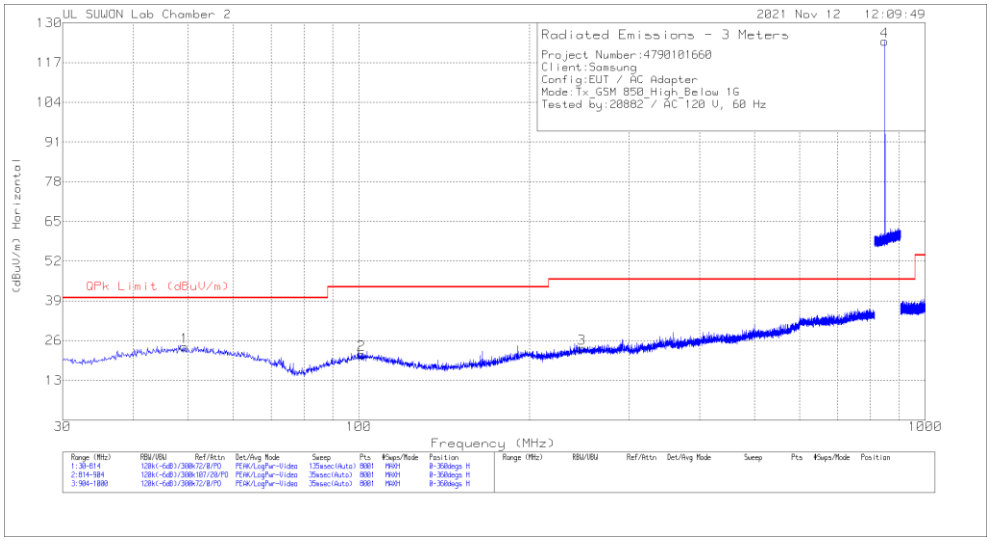
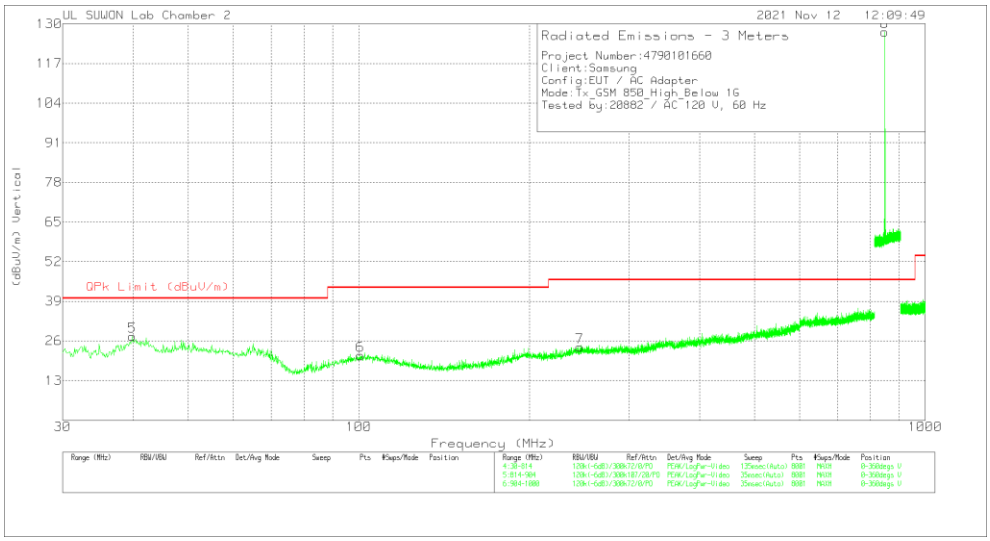
HIGH CHANNEL(893.8 MHz)

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	49.208	3.22	Pk	19.9	.8	23.92	40	-16.08	0-360	300	H
2	101.05	2.87	Pk	17.5	1.1	21.47	43.52	-22.05	0-360	300	H
3	247.462	3.24	Pk	18.4	1.8	23.44	46.02	-22.58	0-360	100	H
4	848.7963	93.41	Pk	27.3	3.3	124.01	**46.02**	**77.99**	0-360	300	H
5	39.8	8.32	Pk	18.5	.7	27.52	40	-12.48	0-360	200	V
6	100.658	2.59	Pk	17.5	1.1	21.19	43.52	-22.33	0-360	400	V
7	245.6	3.81	Pk	18.4	1.8	24.01	46.02	-22.01	0-360	300	V
8	848.7738	96.68	Pk	27.3	3.3	127.28	**46.02**	**81.26**	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.

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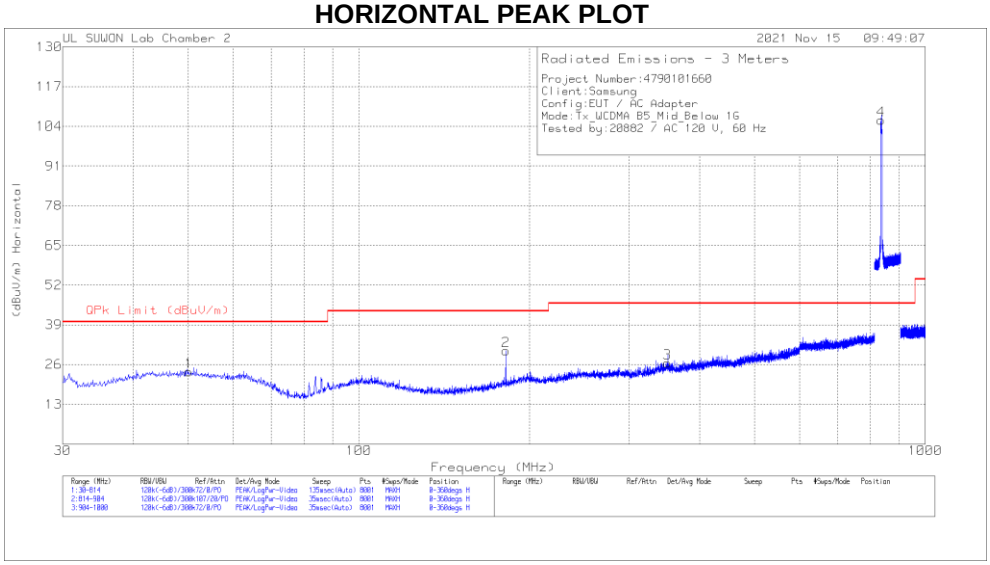
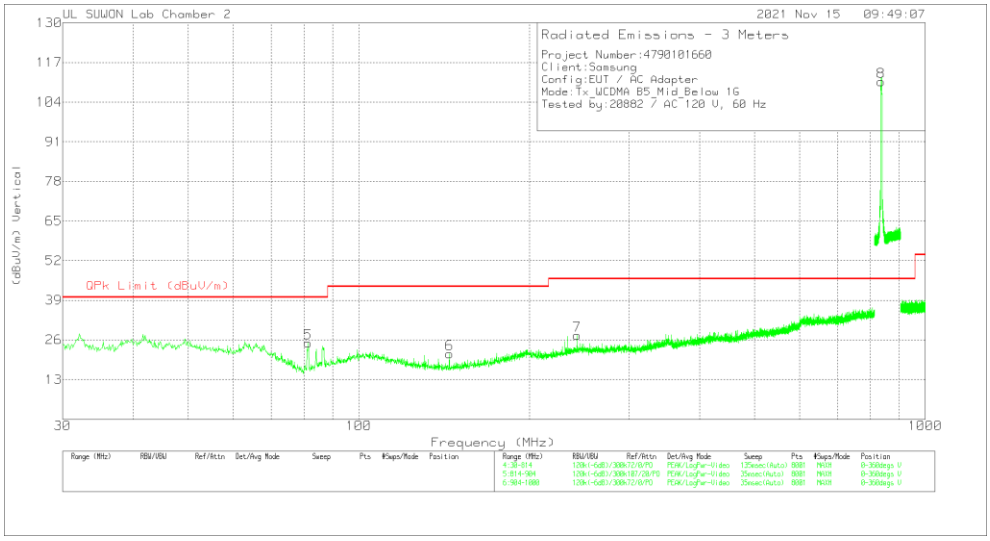
7.1.8. Below 1 GHz in the WCDMA Band 5

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	50.09	2.94	Pk	19.9	.8	23.64	40	-16.36	0-360	200	H
2	181.704	13.5	Pk	15.5	1.5	30.5	43.52	-13.02	0-360	101	H
3	350.362	3.42	Pk	21	2.1	26.52	46.02	-19.5	0-360	300	H
4	836.3763	75.82	Pk	26.9	3.3	106.02	**46.02**	**60**	0-360	300	H
5	81.352	11.21	Pk	12.7	1	24.91	40	-15.09	0-360	200	V
6	144.562	6.37	Pk	13.7	1.4	21.47	43.52	-22.05	0-360	300	V
7	242.856	7.46	Pk	18.3	1.8	27.56	46.02	-18.46	0-360	300	V
8	836.365	80.51	Pk	26.9	3.3	110.71	**46.02**	**64.69**	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.

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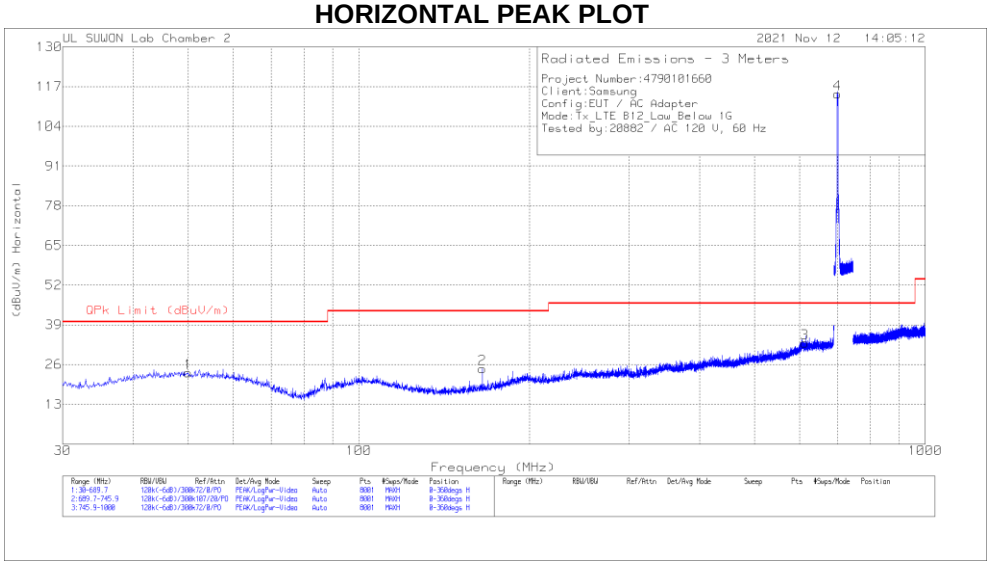
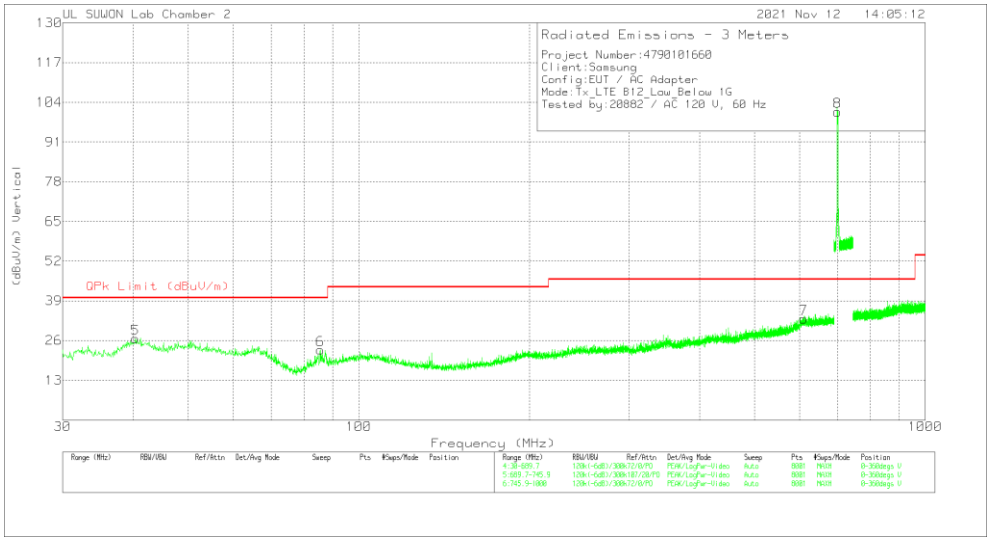
7.1.9. Below 1 GHz in the LTE Band 12

LOW CHANNEL(730.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below 1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	49.956	2.55	Pk	19.9	.8	23.25	40	-16.75	0-360	100	H
2	165.1569	8.74	Pk	14.4	1.5	24.64	43.52	-18.88	0-360	100	H
3	613.0959	5.04	Pk	25.2	2.8	33.04	46.02	-12.98	0-360	200	H
4	700.4483	86.21	Pk	25.4	3	114.61	**46.02**	**68.59**	0-360	200	H
5	40.3079	7.2	Pk	18.7	.7	26.6	40	-13.4	0-360	200	V
6	85.5801	7.7	Pk	14.1	1.1	22.9	40	-17.1	0-360	200	V
7	610.2921	5.02	Pk	25.3	2.8	33.12	46.02	-12.9	0-360	300	V
8	700.3148	72.48	Pk	25.4	3	100.88	**46.02**	**54.86**	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.

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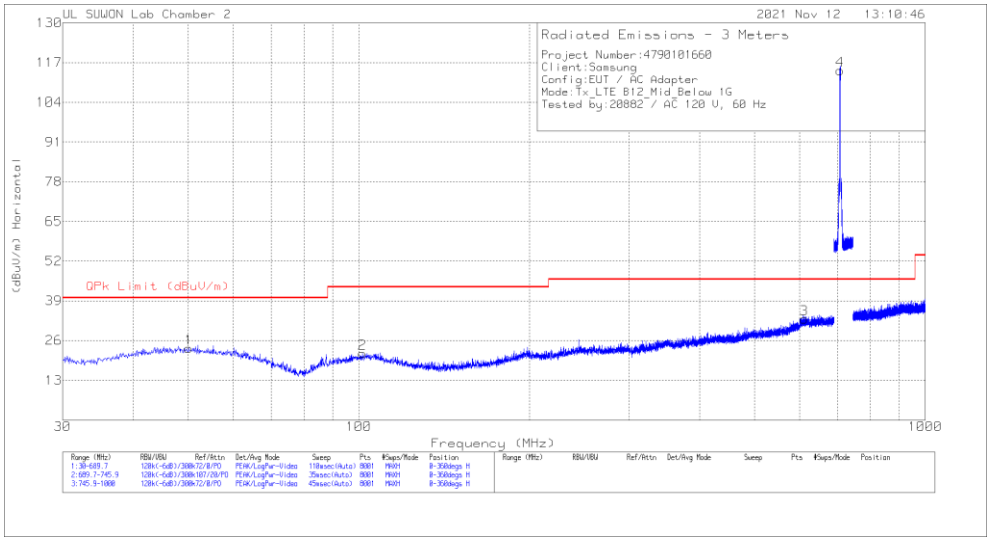
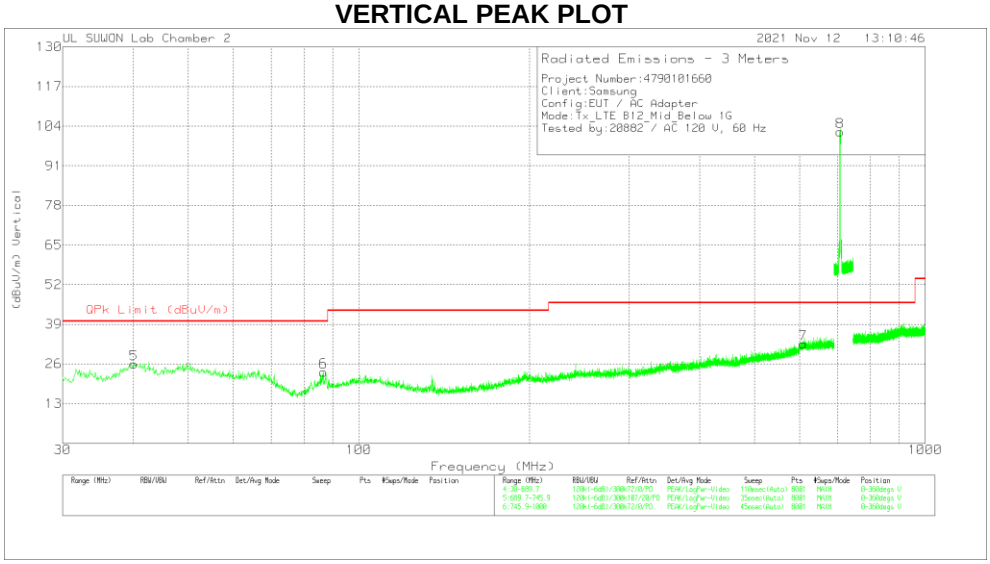
MID CHANNEL(737.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below 1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	50.0385	2.75	Pk	19.9	.8	23.45	40	-16.55	0-360	200	H
2	101.5779	3.24	Pk	17.5	1.1	21.84	43.52	-21.68	0-360	100	H
3	611.3642	4.89	Pk	25.3	2.8	32.99	46.02	-13.03	0-360	100	H
4	707.5435	85.87	Pk	25.6	3	114.47	**46.02**	**68.45**	0-360	200	H
5	40.0605	6.72	Pk	18.6	.7	26.02	40	-13.98	0-360	200	V
6	86.5696	7.77	Pk	14.5	1.1	23.37	40	-16.63	0-360	200	V
7	609.385	4.42	Pk	25.3	2.8	32.52	46.02	-13.5	0-360	400	V
8	707.7894	73.61	Pk	25.6	3	102.21	**46.02**	**56.19**	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.

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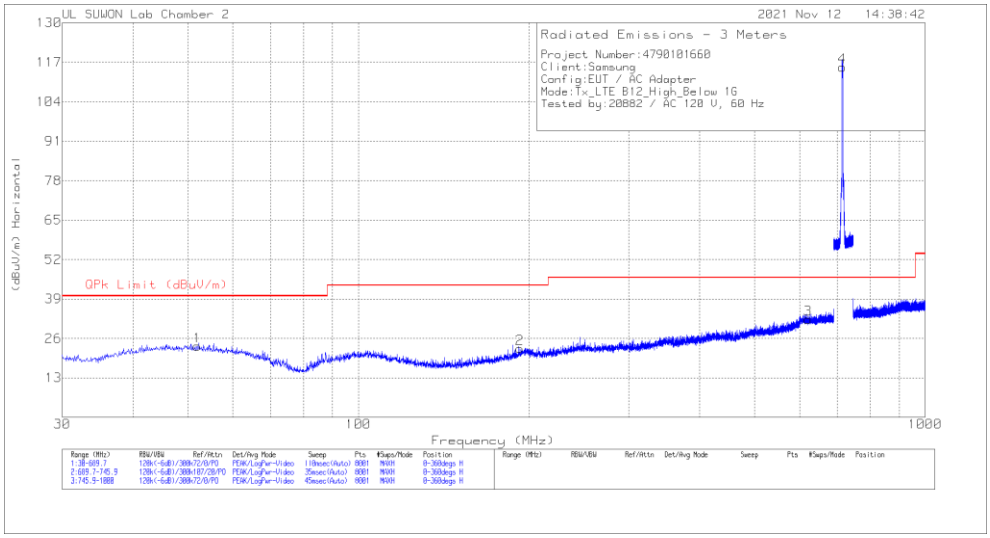
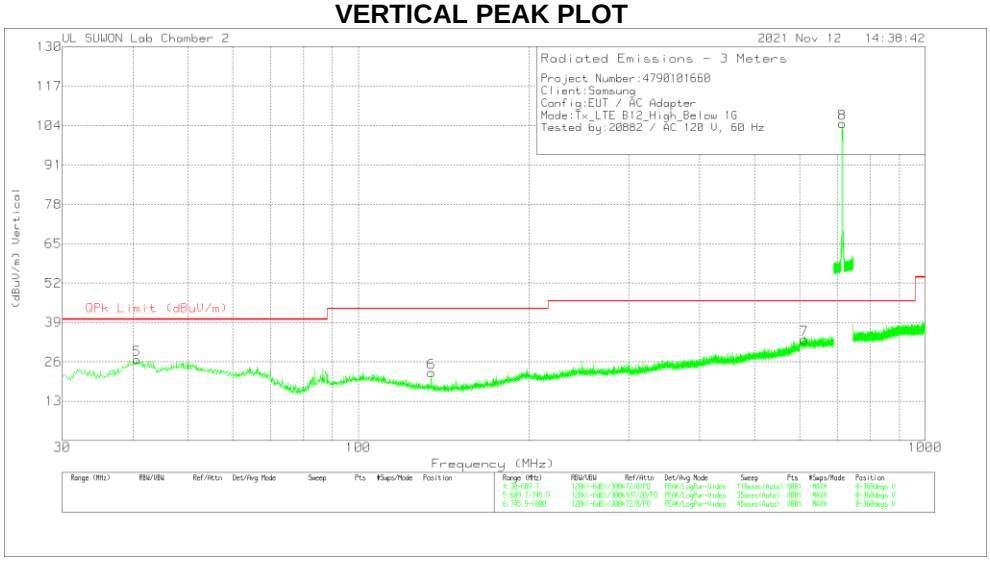
HIGH CHANNEL(744.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below 1G_Bypass[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	51.9352	2.94	Pk	19.7	.8	23.44	40	-16.56	0-360	300	H
2	192.617	4.33	Pk	16.8	1.6	22.73	43.52	-20.79	0-360	300	H
3	621.3422	4.41	Pk	25.1	2.8	32.31	46.02	-13.71	0-360	300	H
4	714.414	86.75	Pk	25.6	3	115.35	**46.02**	**69.33**	0-360	200	H
5	40.6377	7.3	Pk	18.8	.7	26.8	40	-13.2	0-360	200	V
6	134.4806	7.29	Pk	13.9	1.3	22.49	43.52	-21.03	0-360	200	V
7	611.5291	5.24	Pk	25.3	2.8	33.34	46.02	-12.68	0-360	400	V
8	714.3367	76.05	Pk	25.6	3	104.65	**46.02**	**58.63**	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.

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218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433
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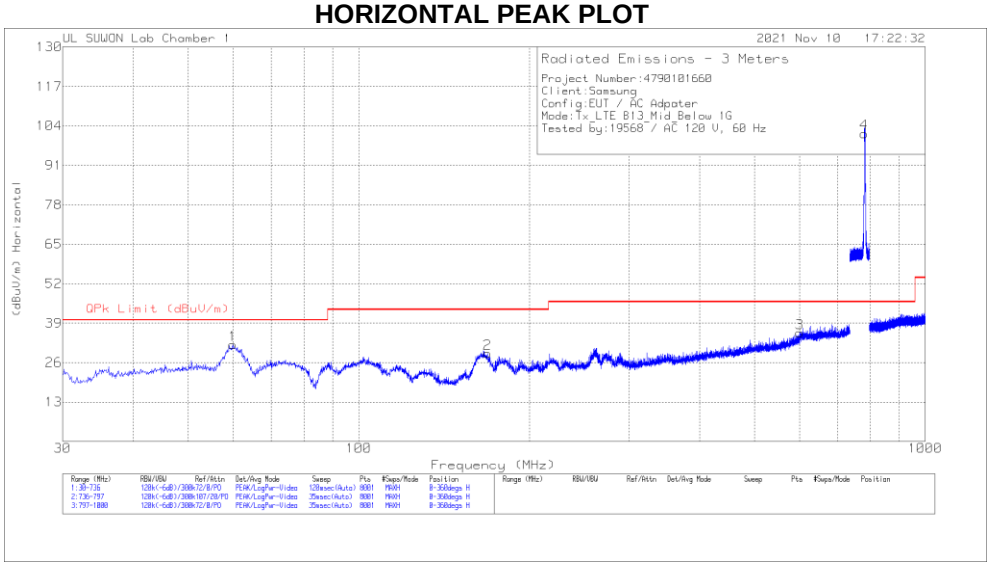
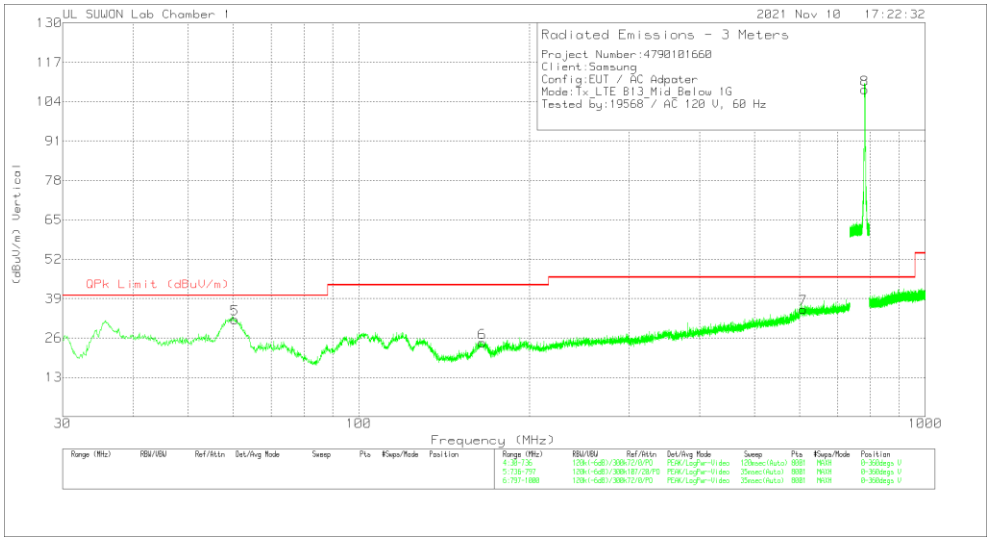
7.1.10.Below 1 GHz in the LTE Band 13

MID CHANNEL(751.0 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.9168	11.59	Pk	18.6	1.7	31.89	40	-8.11	0-360	300	H
2	168.6408	11.68	Pk	14.6	2.7	28.98	43.52	-14.54	0-360	100	H
3	600.095	5.56	Pk	25.2	5.1	35.86	46.02	-10.16	0-360	200	H
4	780.8503	68.99	Pk	26.7	5.8	101.49	**46.02**	**55.47**	0-360	300	H
5	60.358	11.98	Pk	18.5	1.7	32.18	40	-7.82	0-360	200	V
6	165.3755	7.35	Pk	14.5	2.6	24.45	43.52	-19.07	0-360	200	V
7	608.92	5.27	Pk	25.2	5.1	35.57	46.02	-10.45	0-360	200	V
8	782.3676	75.54	Pk	26.7	5.8	108.04	**46.02**	**62.02**	0-360	100	V

Pk - Peak detector

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

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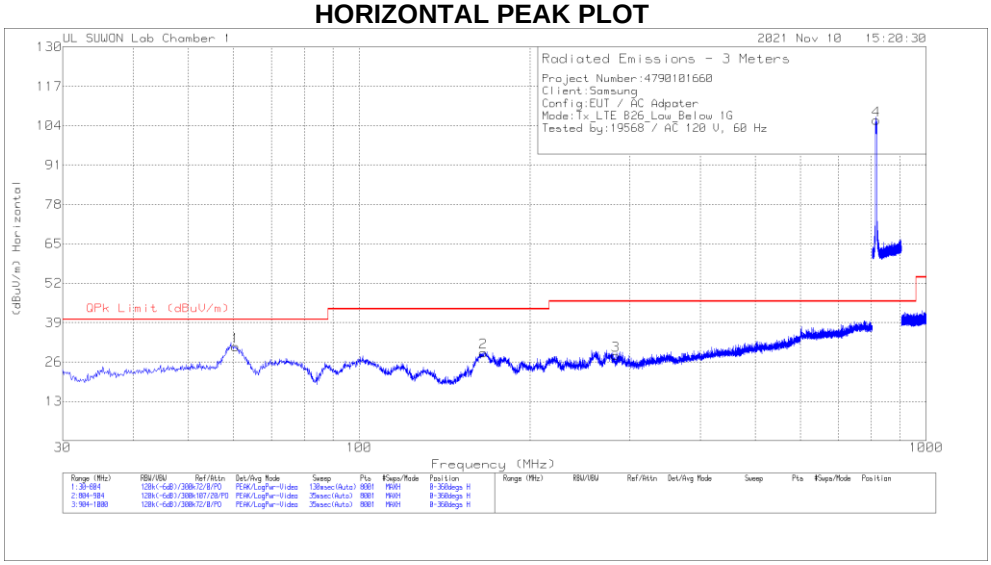
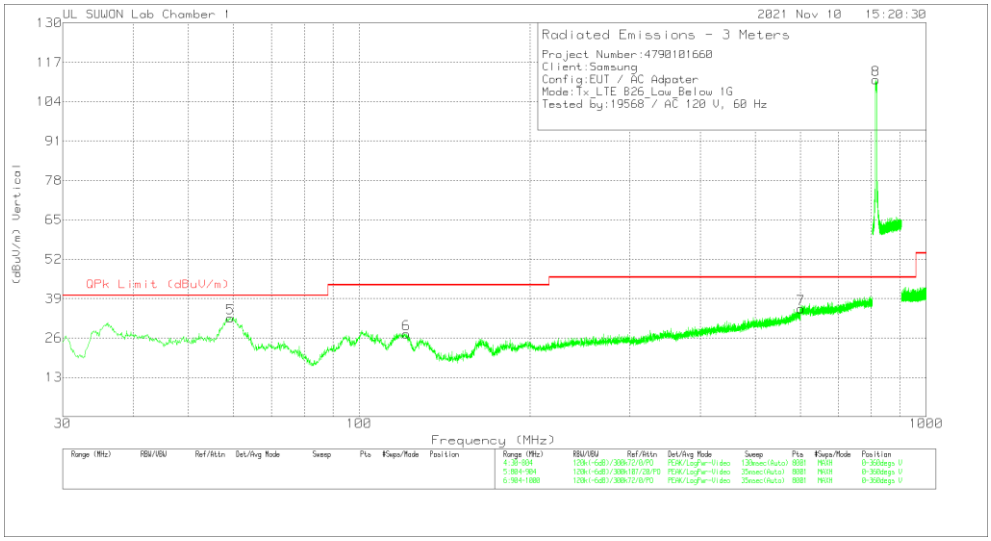
7.1.11.Below 1 GHz in the LTE Band 26

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	60.573	10.96	Pk	18.5	1.6	31.06	40	-8.94	0-360	300	H
2	165.7403	11.93	Pk	14.5	2.7	29.13	43.52	-14.39	0-360	100	H
3	283.3883	5.82	Pk	18.9	3.4	28.12	46.02	-17.9	0-360	100	H
4	816.425	72.86	Pk	27.1	5.9	105.86	**46.02**	**59.84**	0-360	300	H
5	59.3153	12.25	Pk	18.7	1.6	32.55	40	-7.45	0-360	200	V
6	121.1385	9.64	Pk	15.4	2.3	27.34	43.52	-16.18	0-360	200	V
7	601.6958	5.4	Pk	25.2	5.1	35.7	46.02	-10.32	0-360	400	V
8	815.8625	78.19	Pk	27.1	6	111.29	**46.02**	**65.27**	0-360	100	V

Pk - Peak detector

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

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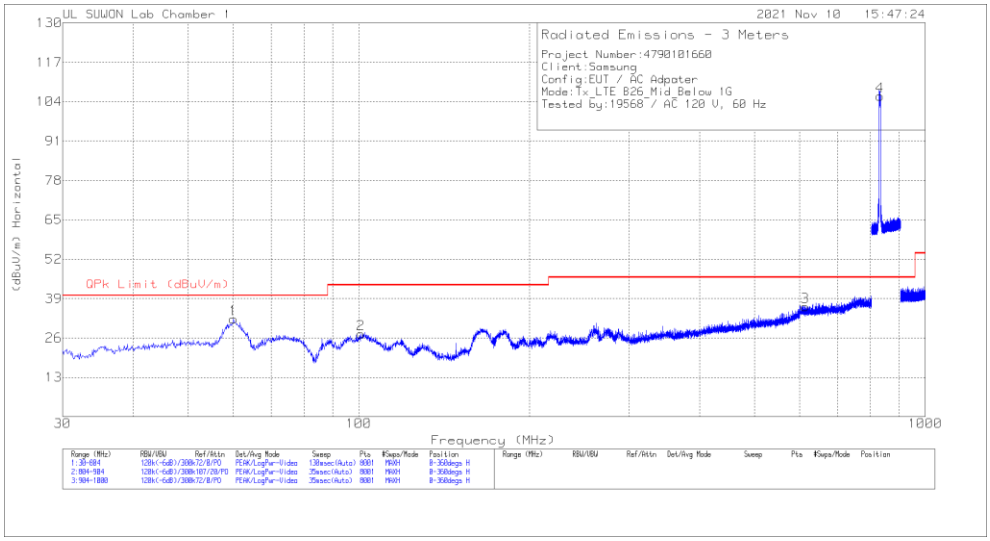
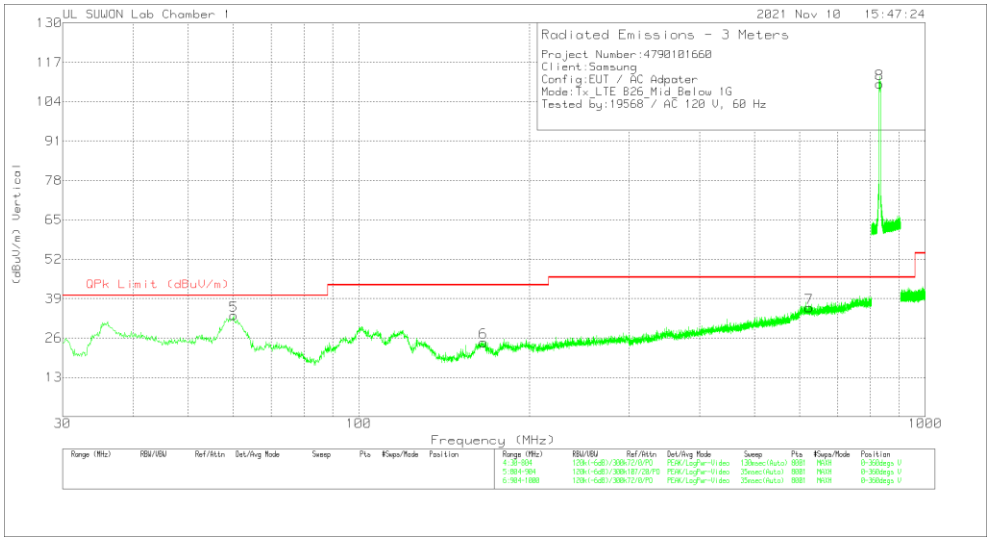
MID CHANNEL(876.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	60.0893	11.89	Pk	18.6	1.7	32.19	40	-7.81	0-360	300	H
2	100.821	7.58	Pk	17.7	2.1	27.38	43.52	-16.14	0-360	100	H
3	614.2733	6.09	Pk	25.2	5.1	36.39	46.02	-9.63	0-360	100	H
4	832.225	72.82	Pk	27	6	105.82	**46.02**	**59.8**	0-360	300	H
5	60.186	13.17	Pk	18.6	1.7	33.47	40	-6.53	0-360	200	V
6	166.0305	7.36	Pk	14.5	2.7	24.56	43.52	-18.96	0-360	200	V
7	623.7548	5.63	Pk	25.1	5.2	35.93	46.02	-10.09	0-360	400	V
8	831.425	76.96	Pk	27	6	109.96	**46.02**	**63.94**	0-360	100	V

Pk - Peak detector

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

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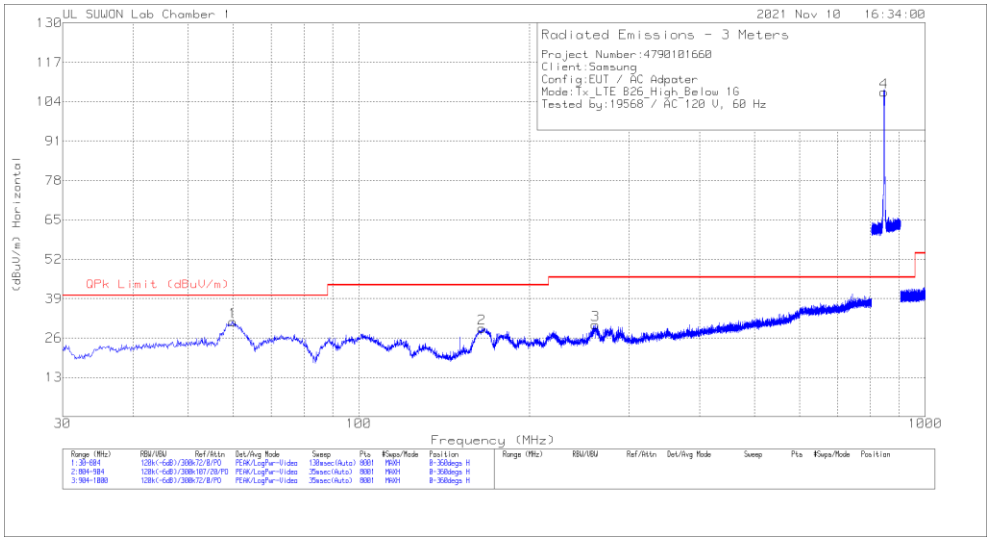
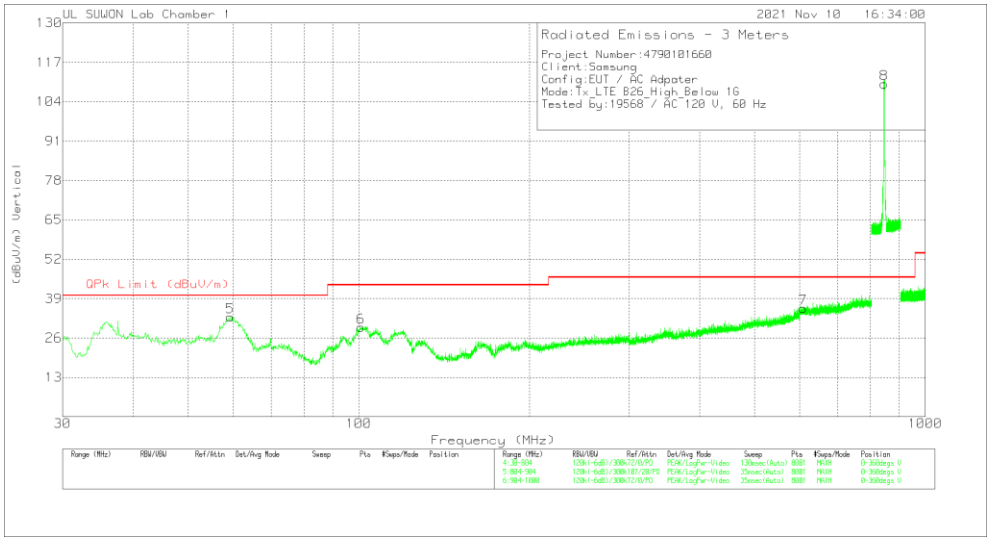
HIGH CHANNEL(892.5 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.8958	11.09	Pk	18.6	1.7	31.39	40	-8.61	0-360	300	H
2	164.9663	12.14	Pk	14.5	2.6	29.24	43.52	-14.28	0-360	100	H
3	261.6195	8.52	Pk	18.5	3.4	30.42	46.02	-15.6	0-360	100	H
4	845.5	73.89	Pk	27.3	6	107.19	**46.02**	**61.17**	0-360	300	H
5	59.3153	12.7	Pk	18.7	1.6	33	40	-7	0-360	200	V
6	100.9178	9.93	Pk	17.7	2	29.63	43.52	-13.89	0-360	200	V
7	608.4683	5.37	Pk	25.2	5.2	35.77	46.02	-10.25	0-360	400	V
8	845.775	76.61	Pk	27.3	6	109.91	**46.02**	**63.89**	0-360	100	V

Pk - Peak detector

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

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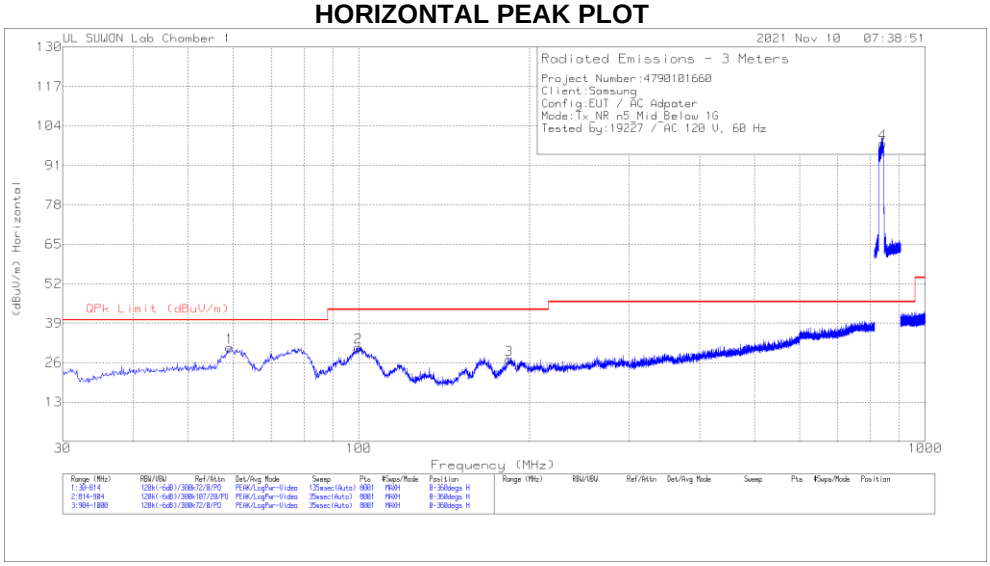
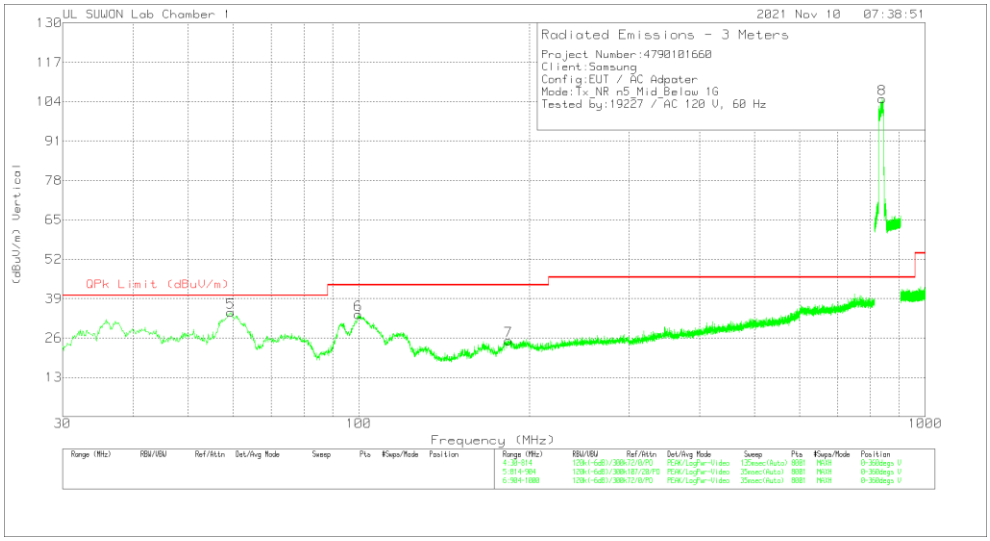
7.1.12.Below 1 GHz in the 5G NR Band 5

MID CHANNEL(881.6 MHz)

HORIZONTAL PEAK PLOT



VERTICAL PEAK PLOT



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_750	Below_1G_Bypass [dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.106	10.59	Pk	18.8	1.6	30.99	40	-9.01	0-360	300	H
2	99.874	11.59	Pk	17.5	2	31.09	43.52	-12.43	0-360	200	H
3	184.154	8.45	Pk	15.8	2.8	27.05	43.52	-16.47	0-360	100	H
4	841.0788	64.98	Pk	27.2	6	98.18	**46.02**	**52.16**	0-360	100	H
5	59.4	14.09	Pk	18.7	1.6	34.39	40	-5.61	0-360	200	V
6	99.776	14.15	Pk	17.5	2.1	33.75	43.52	-9.77	0-360	200	V
7	183.762	6.51	Pk	15.8	2.8	25.11	43.52	-18.41	0-360	300	V
8	839.335	71.73	Pk	27.2	6	104.93	**46.02**	**58.91**	0-360	200	V

Pk - Peak detector

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

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7.2. CONDUCTED EMISSIONS

TEST PROCEDURE

ANSI C63.4-2014

LIMIT

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

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

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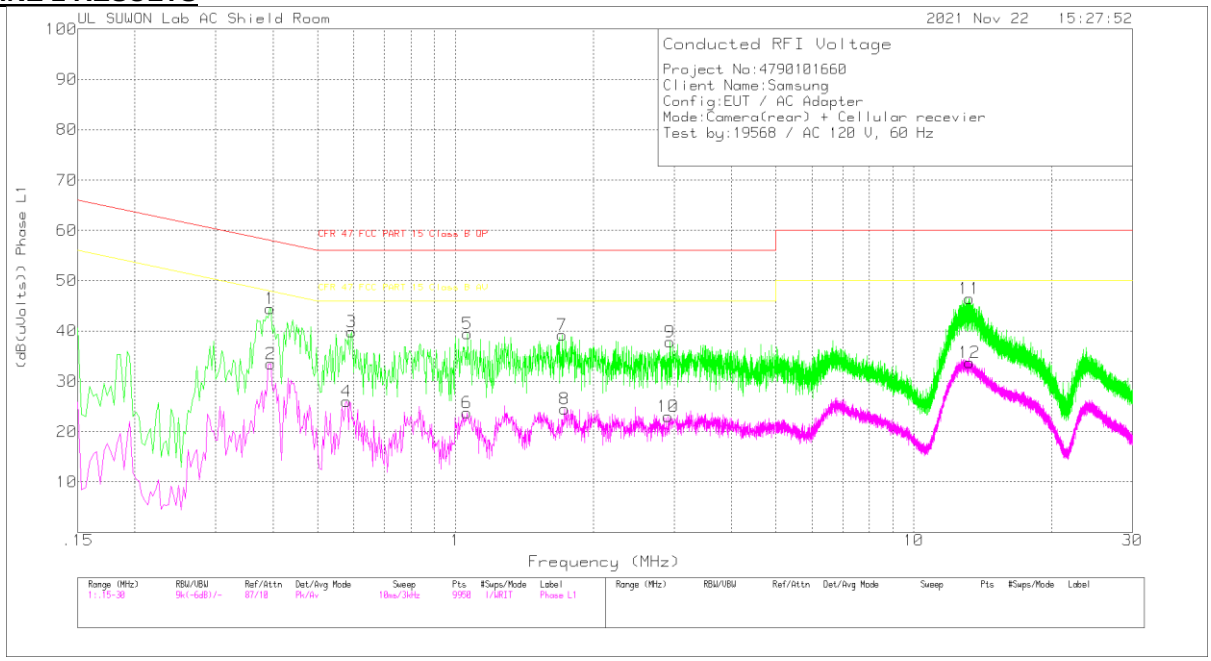
7.2.1 CONDUCTED EMISSIONS

6 WORST EMISSIONS(GSM850 + Rear camera on)

Line-L1 .15 – 30 MHz

LINE 1 RESULTS



Trace Markers

Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With EX_L1[dB]	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.3945	34.5	Pk	9.8	.2	44.5	57.97	-13.47	-	-
2	.396	23.47	Av	9.8	.2	33.47	-	-	47.94	-14.47
3	.594	29.84	Pk	9.8	.2	39.84	56	-16.16	-	-
4	.579	16.01	Av	9.8	.2	26.01	-	-	46	-19.99
5	1.062	29.41	Pk	9.7	.3	39.41	56	-16.59	-	-
6	1.059	13.71	Av	9.7	.3	23.71	-	-	46	-22.29
7	1.71	29.21	Pk	9.7	.3	39.21	56	-16.79	-	-
8	1.731	14.54	Av	9.7	.3	24.54	-	-	46	-21.46
9	2.94	27.85	Pk	9.7	.3	37.85	56	-18.15	-	-
10	2.913	12.97	Av	9.7	.3	22.97	-	-	46	-23.03
11	13.233	36.14	Pk	9.9	.4	46.44	60	-13.56	-	-
12	13.212	23.41	Av	9.9	.4	33.71	-	-	50	-16.29

Pk - Peak detector
Av - Average detection

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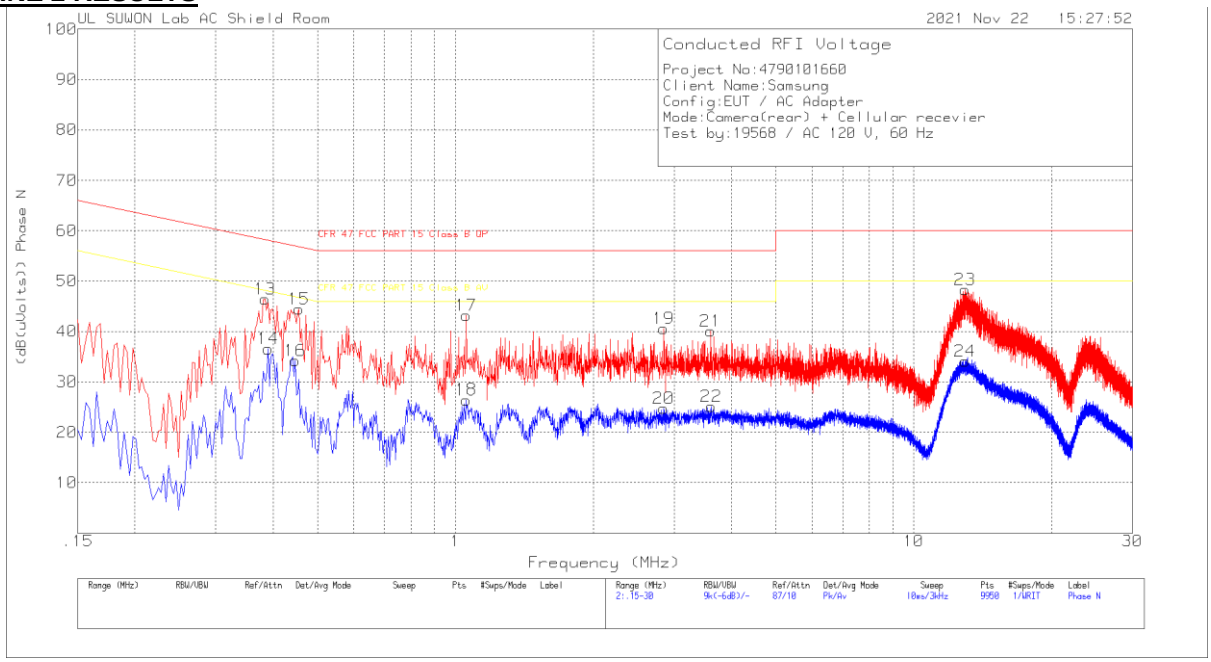
6 WORST EMISSIONS(GSM850 + Rear camera on)

Line-L2 .15 – 30 MHz

LINE 2 RESULTS



Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101836_With EX_N[dB]	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
13	.384	36.47	Pk	9.8	.2	46.47	58.19	-11.72	-	-
14	.39	26.54	Av	9.8	.2	36.54	-	-	48.06	-11.52
15	.456	34.4	Pk	9.9	.2	44.5	56.77	-12.27	-	-
16	.447	24.08	Av	9.9	.2	34.18	-	-	46.93	-12.75
17	1.056	33.21	Pk	9.7	.3	43.21	56	-12.79	-	-
18	1.056	16.44	Av	9.7	.3	26.44	-	-	46	-19.56
19	2.847	30.54	Pk	9.7	.3	40.54	56	-15.46	-	-
20	2.847	14.78	Av	9.7	.3	24.78	-	-	46	-21.22
21	3.6	30.04	Pk	9.7	.3	40.04	56	-15.96	-	-
22	3.621	15.12	Av	9.7	.3	25.12	-	-	46	-20.88
23	12.942	37.88	Pk	10	.4	48.28	60	-11.72	-	-
24	12.951	23.67	Av	10	.4	34.07	-	-	50	-15.93

Pk - Peak detector
Av - Average detection

END OF TEST REPORT

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