TEST REPORT

Report Number. : 13583138-E8V2

Applicant	:	Samsung Electronics Co., Ltd. 129 Samsung-Ro, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do, 16677, Korea
Model	:	SM-A526B/DS, SM-A526B
FCC ID	:	A3LSMA526B
EUT Description	:	GSM/WCDMA/LTE/5G Phablet with BT/BLE,DTS/UNII a/b/g/n/ac and NFC
Test Standard(s)	:	FCC CFR47 PART 15 SUBPART B

Date Of Issue:
FEBRUARY 01, 2021

Prepared by:
UL Verification Services Inc.
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NVLAP TESTING

NVLAP Lab code: 200065-0

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	1/26/2021	Initial Review	--
V2	2/1/2021	Updated Section 5.3	Kiya Kedida

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	SAMSUNG ELECTRONICS CO., LTD. 129 SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 16677, KOREA
Model	SM-A526B/DS, SM-A526B
FCC ID	A3LSMA526B
EUT Description	GSM/WCDMA/LTE/5G PHABLET WITH BT/BLE,DTS/UNII A/B/G/N/AC AND NFC
Serial Number	RADIATED: R3CNA0EGSMN
Date Tested	DECEMBER 15, 2020 to DECEMBER 30, 2020
Applicable Standards	PART 15 SUBPART B
Test Results	COMPLIES

UL Verification Services Inc. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL Verification Services Inc. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc. 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 NVLAP, NIST, any agency of the Federal Government, or any agency of the U.S. government.

Approved & Released By:	Reviewed By:	Prepared By:
		
Dan Coronia Operations Leader UL Verification Services Inc.	Kiya Kedida Project Engineer UL Verification Services Inc.	Brian Shen Laboratory Engineer UL Verification Services Inc.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with the following:

- FCC CFR 47 Part 2,
- FCC CFR 47 Part 15B
- ANSI C63.4:2014

3. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by NVLAP, Laboratory Code 200065-0, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☒	Building 1: 47173 Benicia Street, Fremont, California 94538, USA	US0104	2324A	208313
☐	Building 2: 47266 Benicia Street, Fremont, California 94538, USA	US0104	22541	208313
☒	Building 4: 47658 Kato Rd, Fremont, California 94538, USA	US0104	2324B	208313

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

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:
Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)
36.5 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

4.3. MEASUREMENT UNCERTAINTY

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

PARAMETER	UNCERTAINTY
Conducted Disturbance, 9KHz to 0.15 MHz	3.39 dB
Conducted Disturbance, 0.15 to 30 MHz	3.07 dB
Radiated Disturbance, 9KHz to 30 MHz	2.52 dB
Radiated Disturbance, 30 to 1000 MHz	4.88 dB
Radiated Disturbance,1000 to 18000 MHz	4.24 dB
Radiated Disturbance,18000 to 26000 MHz	4.37 dB
Radiated Disturbance, 26000 to 40000 MHz	5.17 dB
Occupied Channel Bandwidth	±0.39 %
Temperature	±0.9 °C
Supply voltages	±0.45 %
Time	±0.02 %

Uncertainty figures are valid to a confidence level of 95%.

4.4. DECISION RULE

Decision rule for statement(s) of conformity is based on Procedure 1, Clause 4.4.2 in IEC Guide 115:2007.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a GSM/WCDMA/LTE/5G Phablet with BT/BLE, DTS/UNII a/b/g/n/ac and NFC. The model SM-A526B/DS was used for final testing and is representative of the test results in this report.

5.2. TEST MODE

Mode	Description
GSM 850	Communicating with Callbox Simulator (CMW500)
WCDMA BAND 5	Communicating with Callbox Simulator (CMW500)
LTE BAND 5	Communicating with Callbox Simulator (CMW500)
LTE BAND 12	Communicating with Callbox Simulator (CMW500)
5G NR BAND n5	Standalone with QRCT Tool

5.3. WORST-CASE CONFIGURATION AND MODE

For GSM 850, WCDMA Band 5, LTE Band 12, LTE Band 26, and 5G NR Band n5, the spurious emissions were investigated in three orthogonal orientations X, Y and Z. It was determined that Y orientation was worst-case orientation.

LTE Band 17 is covered by LTE Band 12 because they have same output power.

For AC line conducted emission test please refer to Samsung Part 15B JBP report.

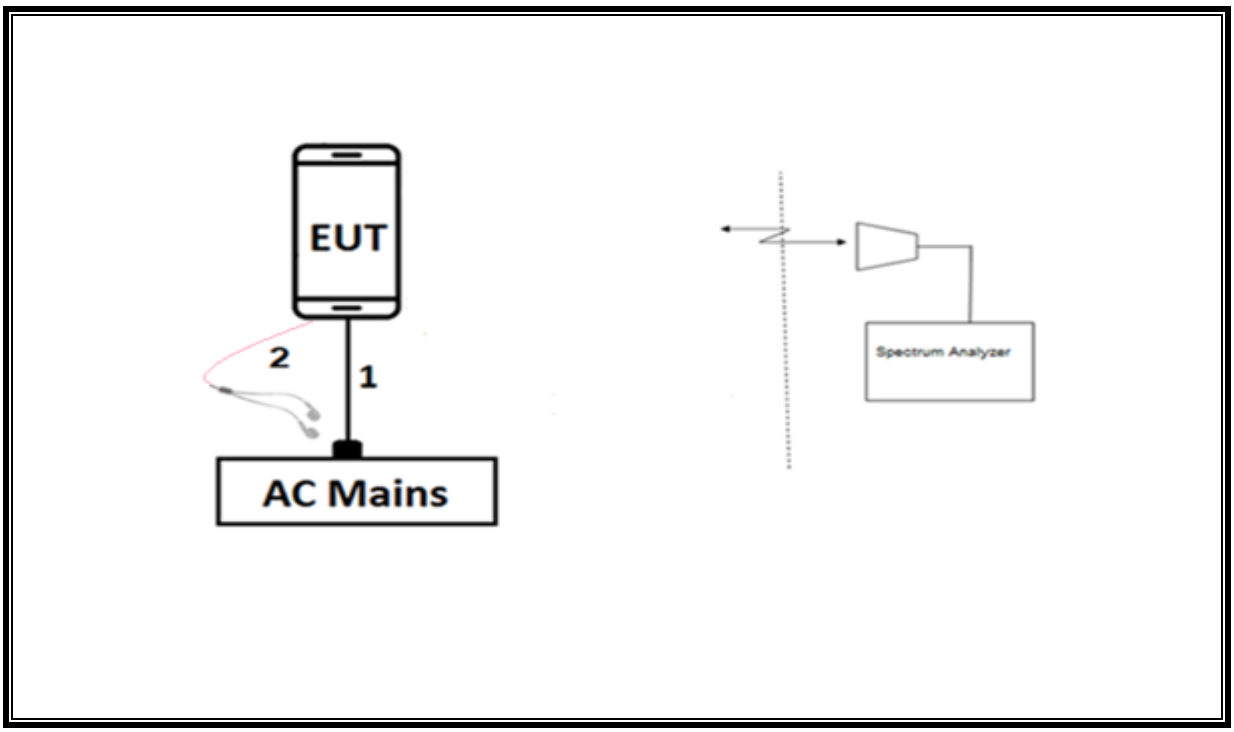
Note: The EUT is continuously communicated with the call box during the test. Also attached with travel adapter for the worst case condition.

5.4. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID/ DoC**
AC Adapter	Samsung	EP-TA200	R37N6K18582SE3	N/A
Earphone	Samsung	N/A	N/A	N/A

I/O CABLES (RF RADIATED TEST)						
Cable No.	**Port**	**# of Identical Ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	USB	1	AC Adapter	Shielded	1	No
2	Earphone	1	USB	Un-shielded	1	No
3	RF In/out	1	Communication Test Set	Un-shielded	2	No

RADIATED SETUP



6. TEST AND MEASUREMENT EQUIPMENT

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

TEST EQUIPMENT LIST					
Description	**Manufacturer**	**Model**	**ID Num**	**Cal Due**	**Last Cal**
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	T346	07/20/2021	07/20/2020
Antenna, Horn 1-18GHz	ETS-Lindgren	3117	T344	01/23/2021	01/23/2019
Antenna, Horn Double Ridge Guide 700MHz to 18GHz	A.H. Systems, Inc.	SAS-571	T962	01/25/2021	01/25/2020
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	PRE0184971	02/05/2021	02/05/2020
Amplifier, 1-18GHz	MITEQ	AFS42-00101800-25-S-42	171460	09/29/2021	09/29/2020
Amplifier, 1-18GHz	MITEQ	AFS42-00101800-25-S-42	T1568	04/14/2021	04/14/2020
Amplifier, 1-18GHz	MITEQ	AFS42-00101800-25-S-42	T931	11/11/2021	11/11/2020
Amplifier, 10KHz to 1GHz, 32dB	SONOMA INSTRUMENT	310N	T300	01/23/2021	01/23/2020
Wideband Communication Test Set, Call Box	R&S	CMW500	T972	02/24/2021	02/24/2020
Wideband Communication Test Set, Call Box	R&S	CMW500	T979	02/26/2021	02/26/2020
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	PRE0179522	02/20/2021	02/20/2020
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	PRE0179367	02/26/2021	02/26/2020
Spectrum Analyzer, PXA, 3Hz to 44GHz	Keysight Technologies Inc	N9030A	T340	1/22/2021	1/22/2020
UL AUTOMATION SOFTWARE					
Radiated test software	UL	UL RF	Ver 9.5 April 30, 2020		

7. RADIATED TEST RESULTS

7.1. 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:

Limit for radiated disturbance of Class B ITE at measuring distance of 3 meter	
Frequency Range (MHz)	**Quasi-Peak limit (dBuV/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.	

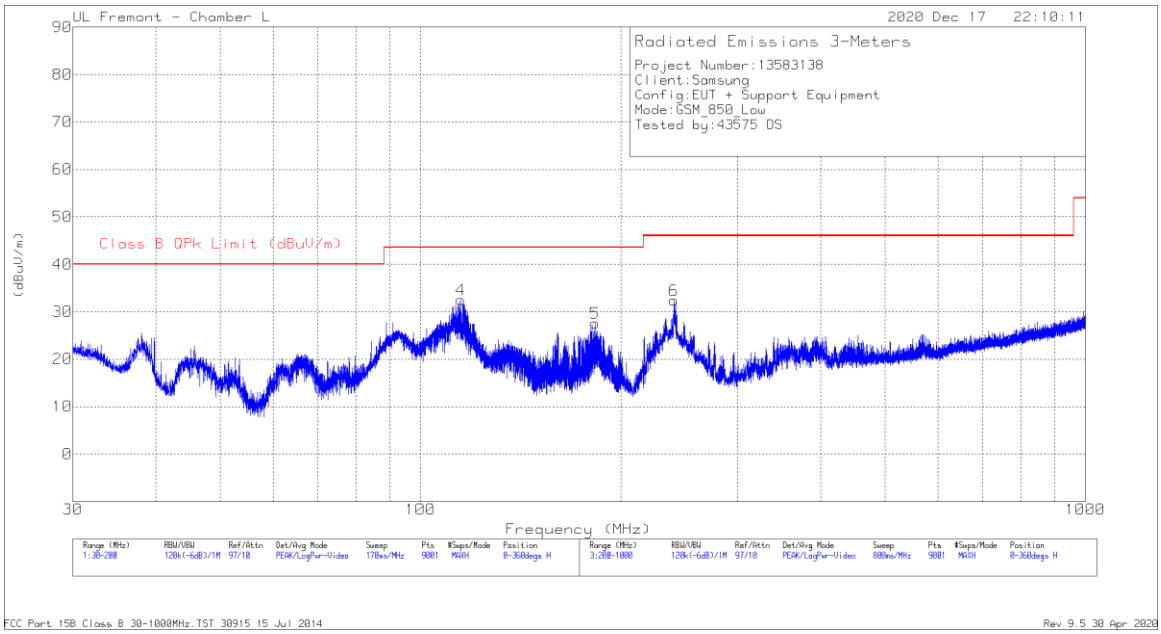
RESULTS

8. DATA FOR 15B RECEIVER MODE

8.1. GSM 850

8.1.1. BELOW 1GHz

LOW CHANNEL



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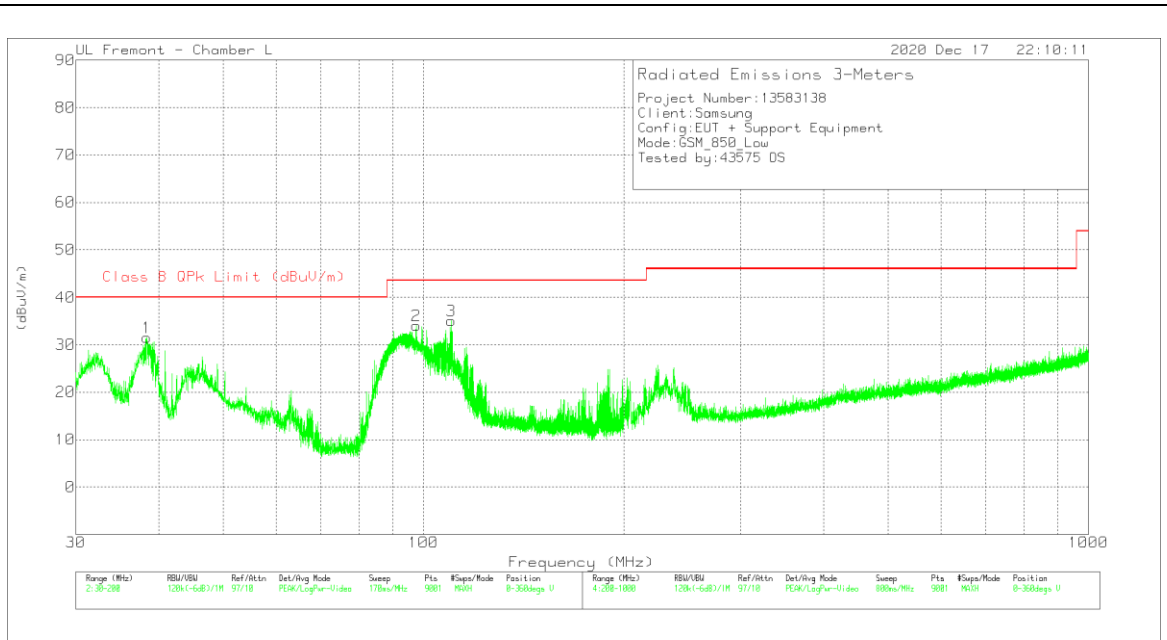


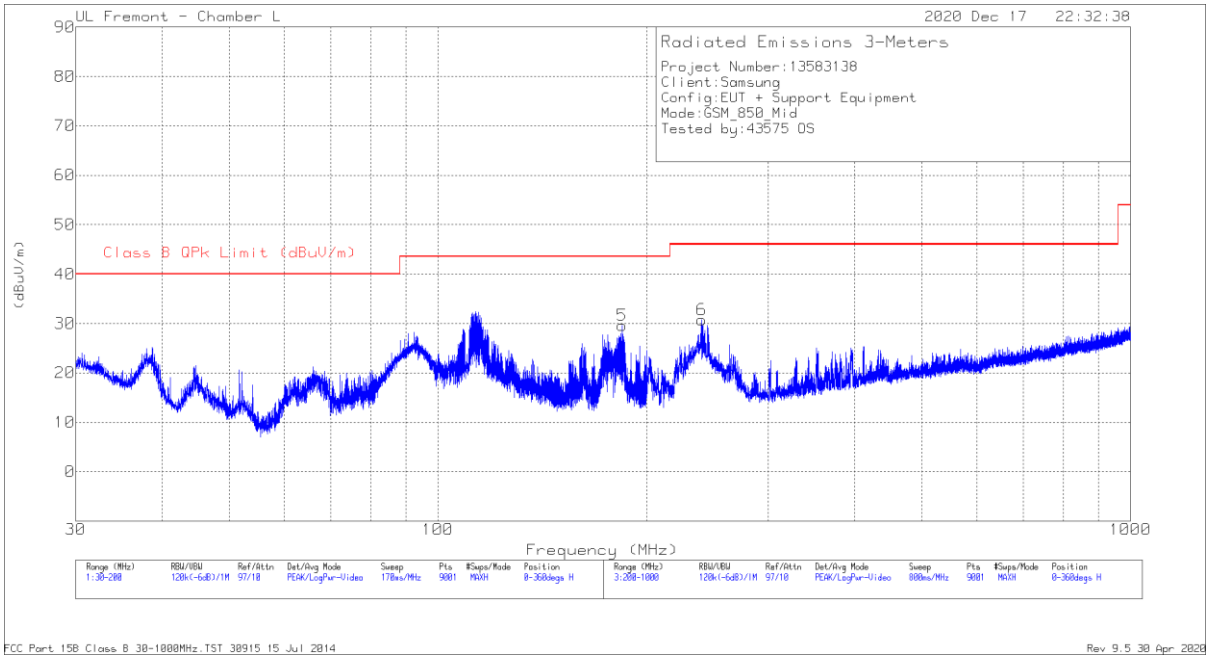
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	115.0949	44.19	Pk	19.1	-30.7	32.59	43.52	-10.93	0-360	299	H
5	182.8687	40.93	Pk	16.8	-30.2	27.53	43.52	-15.99	0-360	299	H
1	38.3678	41.91	Pk	20.9	-31.3	31.51	40	-8.49	0-360	101	V
2	97.5093	49.5	Pk	15.3	-30.8	34	43.52	-9.52	0-360	101	V
3	110.1675	45.84	Pk	18.4	-30.7	33.54	43.52	-9.98	171	139	V
	110.1675	37.65	Qp	18.4	-30.7	25.35	43.52	-18.17	171	139	V
6	240.6223	44.86	Pk	17.5	-29.9	32.46	46.02	-13.56	0-360	101	H

Pk - Peak detector
Qp - Quasi-Peak detector

MID CHANNEL



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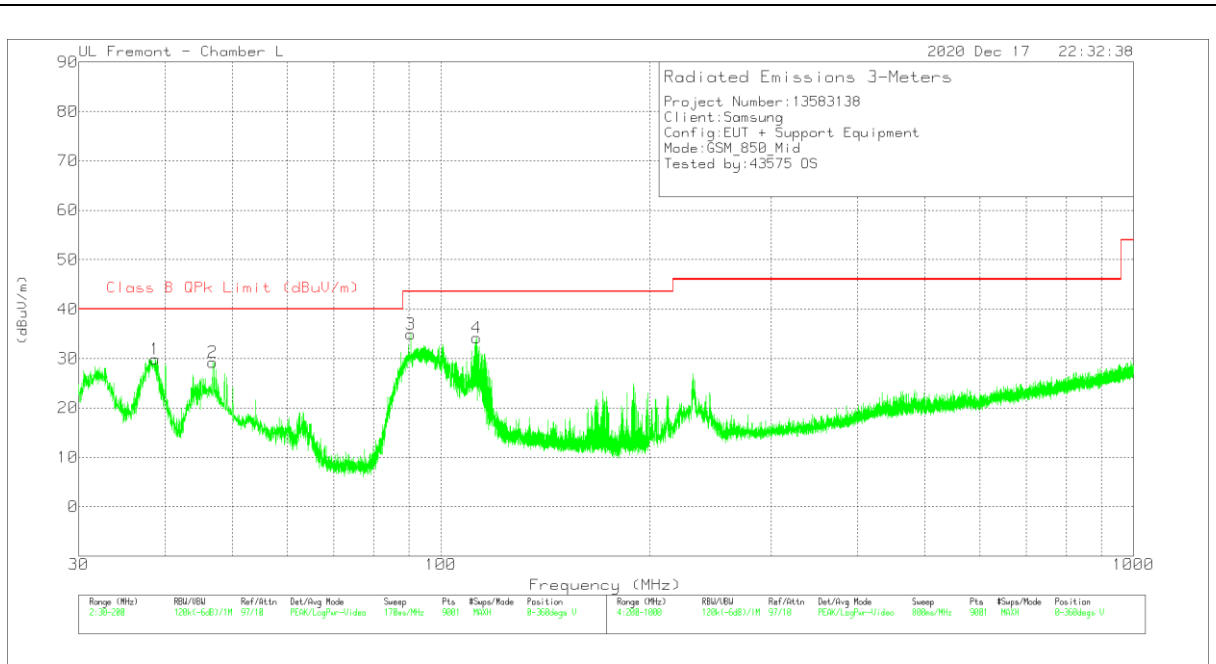


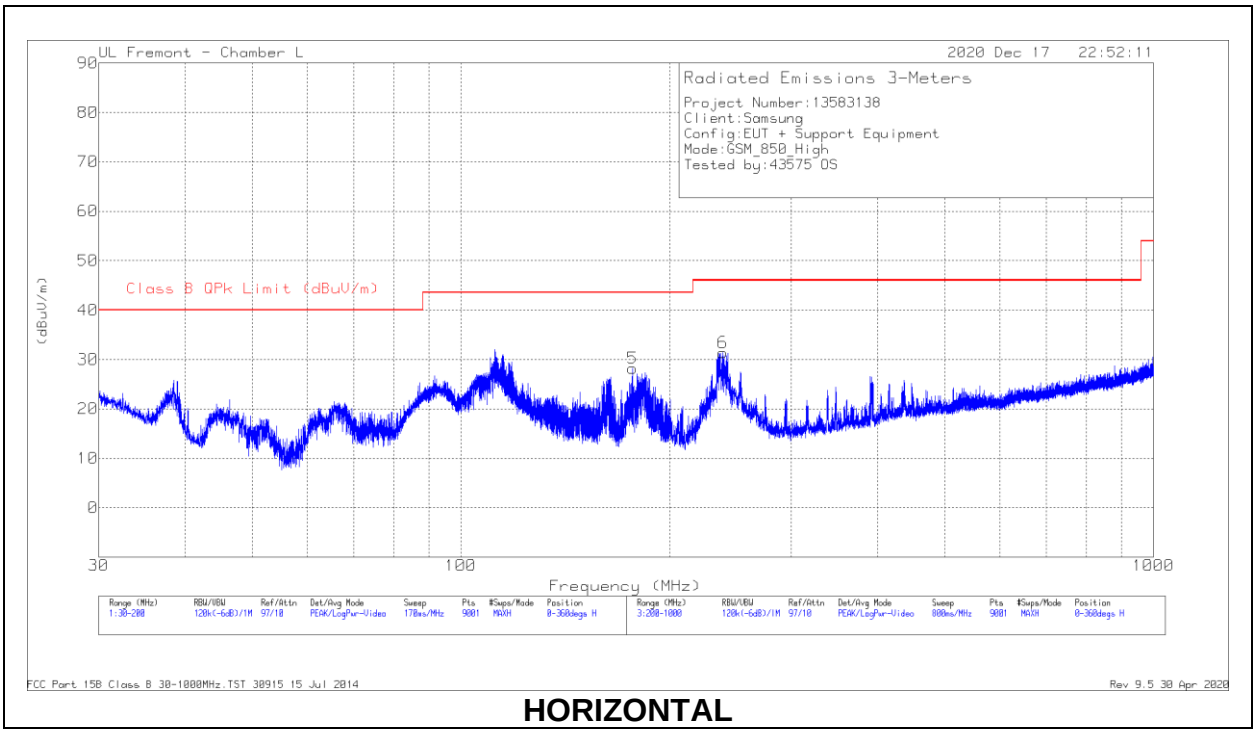
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	184.3987	43.07	Pk	16.8	-30.2	29.67	43.52	-13.85	0-360	199	H
1	38.7078	40.51	Pk	20.7	-31.3	29.91	40	-10.09	0-360	101	V
2	46.8301	45.45	Pk	15	-31.2	29.25	40	-10.75	0-360	101	V
3	90.7488	54.11	Pk	13.6	-30.8	36.91	43.52	-6.61	47	108	V
	90.7488	46.38	Qp	13.6	-30.8	29.18	43.52	-14.34	47	108	V
4	112.6205	46.09	Pk	18.8	-30.7	34.19	43.52	-9.33	0-360	101	V
6	240.2667	43.1	Pk	17.5	-29.9	30.7	46.02	-15.32	0-360	101	H

Pk - Peak detector
Qp - Quasi-Peak detector

HIGH CHANNEL



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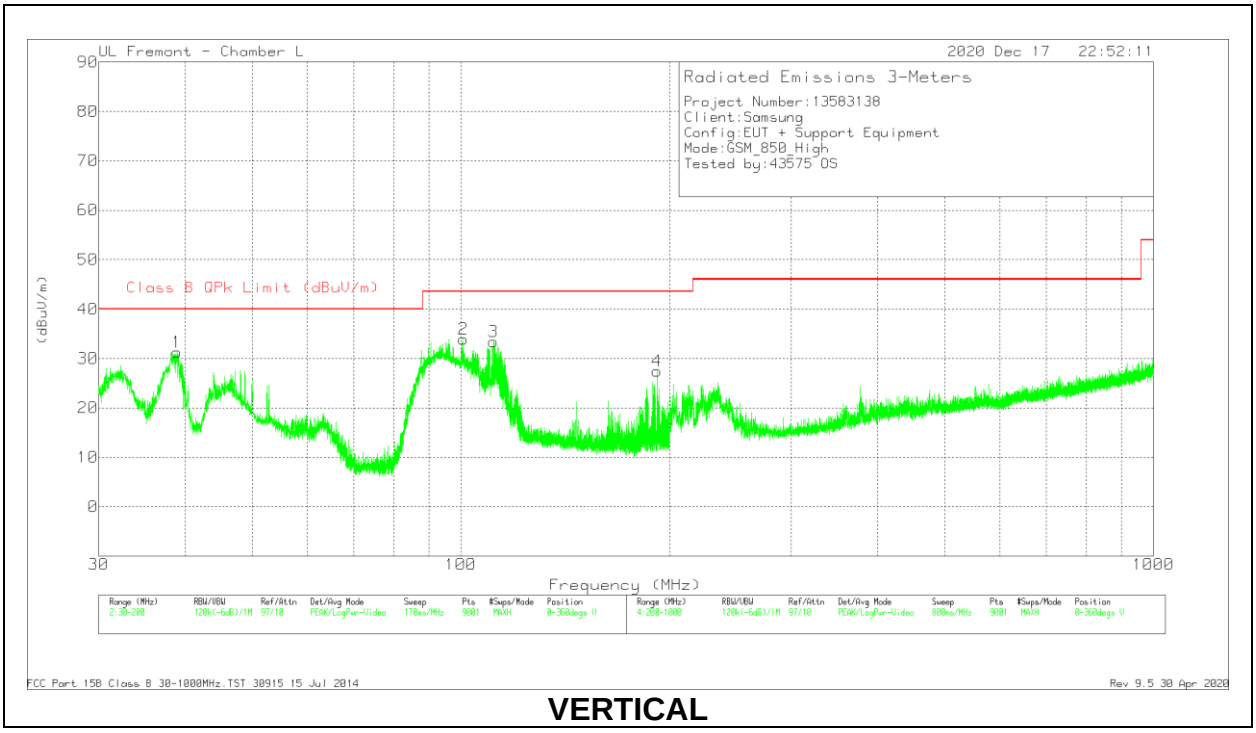


VERTICAL

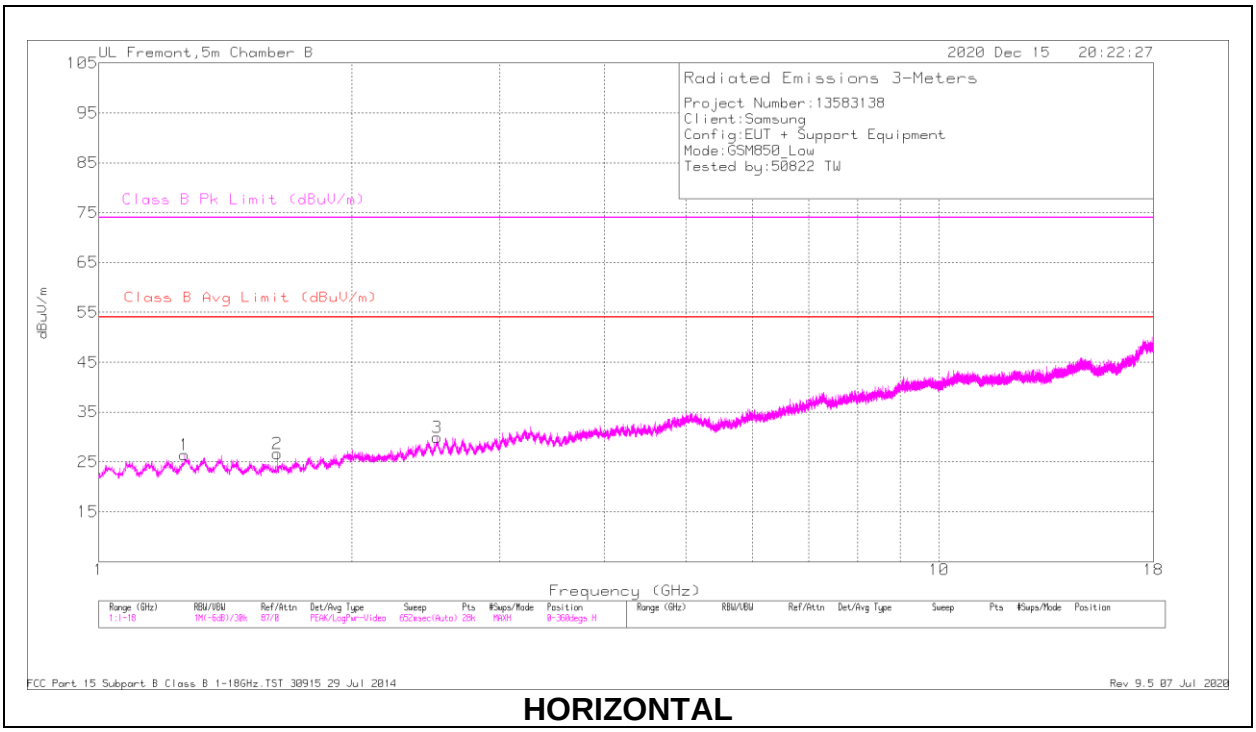
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	177.0698	41.43	Pk	17	-30.2	28.23	43.52	-15.29	0-360	199	H
1	39.0277	44.73	Pk	20.5	-31.3	33.93	40	-6.07	271	125	V
	39.0277	38.63	Qp	20.5	-31.3	27.83	40	-12.17	271	125	V
2	100.8715	48.45	Pk	16.3	-30.8	33.95	43.52	-9.57	0-360	101	V
3	111.5627	45.43	Pk	18.7	-30.7	33.43	43.52	-10.09	0-360	101	V
4	191.8976	40.67	Pk	17	-30.2	27.47	43.52	-16.05	0-360	101	V
6	239.1112	44.01	Pk	17.4	-30	31.41	46.02	-14.61	0-360	101	H

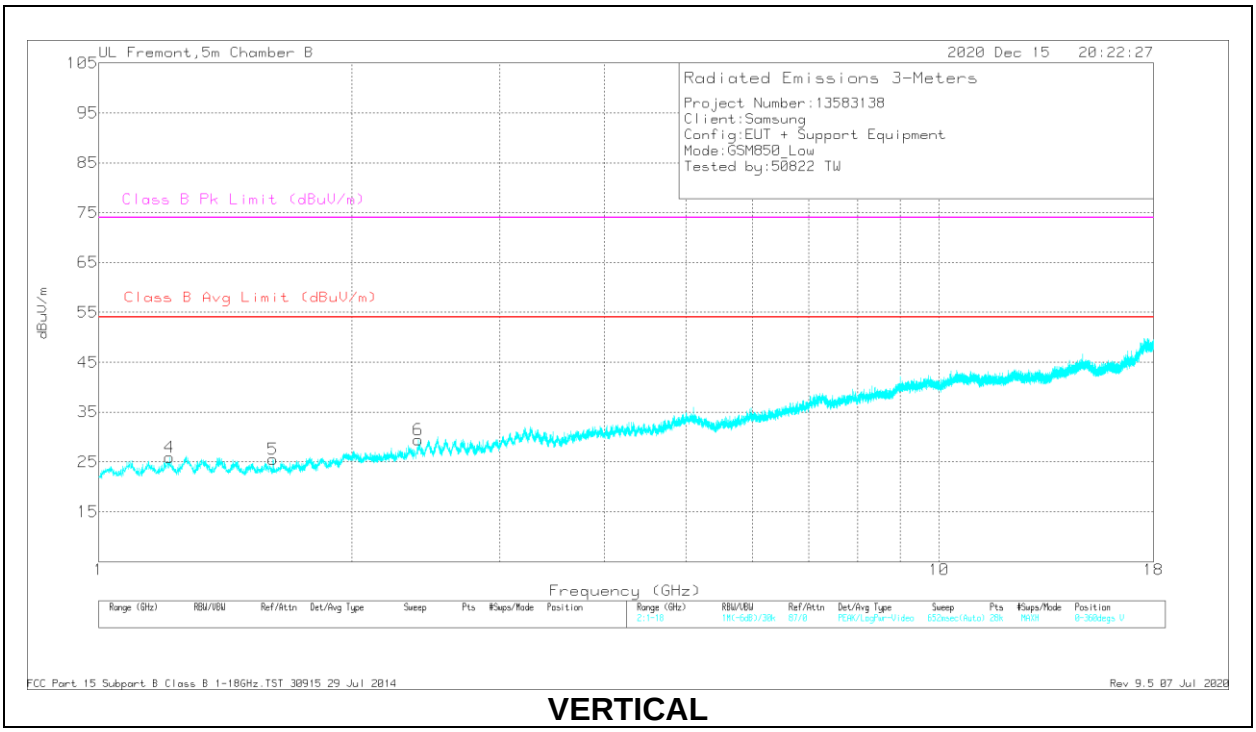
Pk - Peak detector
Qp - Quasi-Peak detector

8.1.2. ABOVE 1GHz

LOW CHANNEL



HORIZONTAL



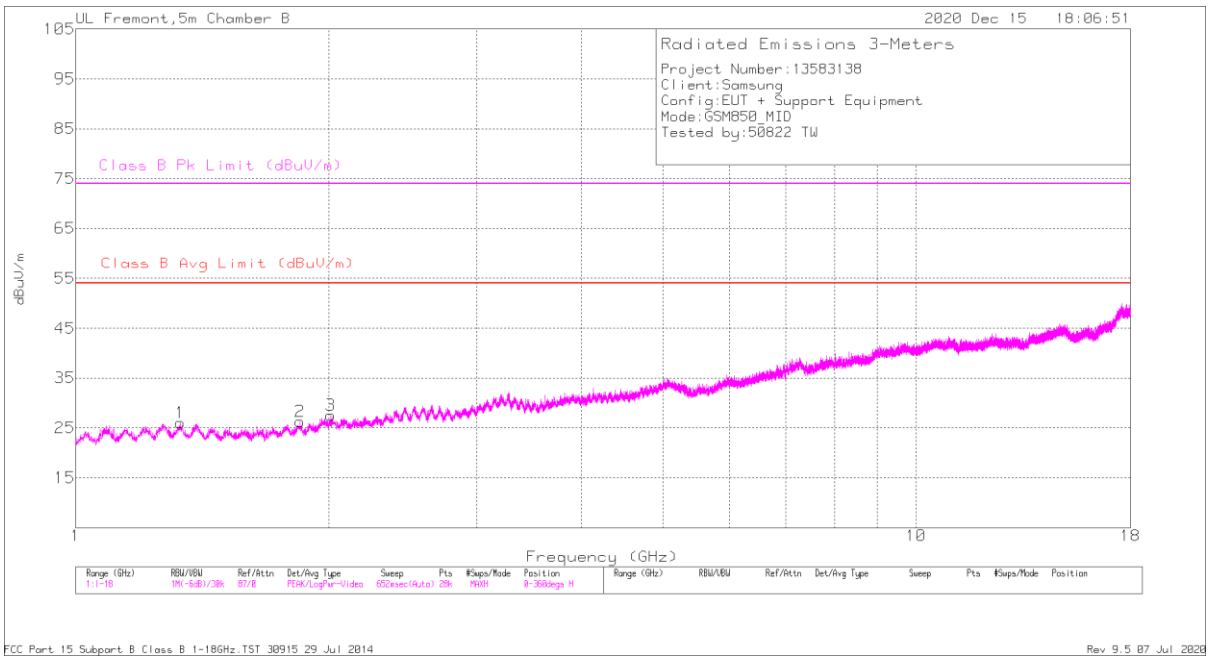
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T962 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.21299	39.52	Pk	25.1	-31.1	33.52	54	-20.48	74	-40.48	239	248	V
	1.21299	26.83	Av	25.1	-31.1	20.83	54	-33.17	-	-	239	248	V
1	1.26667	40.51	Pk	25.6	-31	35.11	54	-18.89	74	-38.89	186	191	H
	1.26667	26.83	Av	25.6	-31	21.43	54	-32.57	-	-	186	191	H
5	1.61268	38.42	Pk	24.9	-30.5	32.82	54	-21.18	74	-41.18	239	248	V
	1.61268	25.44	Av	24.9	-30.5	19.84	54	-34.16	-	-	239	248	V
2	1.63133	38.07	Pk	25	-30.4	32.67	54	-21.33	74	-41.33	71	222	H
	1.63133	25.29	Av	25	-30.4	19.89	54	-34.11	-	-	71	222	H
6	2.40244	38.59	Pk	28.5	-29.4	37.69	54	-16.31	74	-36.31	138	225	V
	2.40244	25.08	Av	28.5	-29.4	24.18	54	-29.82	-	-	138	225	V
3	2.52608	38.05	Pk	29.2	-29.3	37.95	54	-16.05	74	-36.05	71	156	H
	2.52608	25.15	Av	29.2	-29.3	25.05	54	-28.95	-	-	71	156	H

Pk - Peak detector
Av - Average detection

MID CHANNEL



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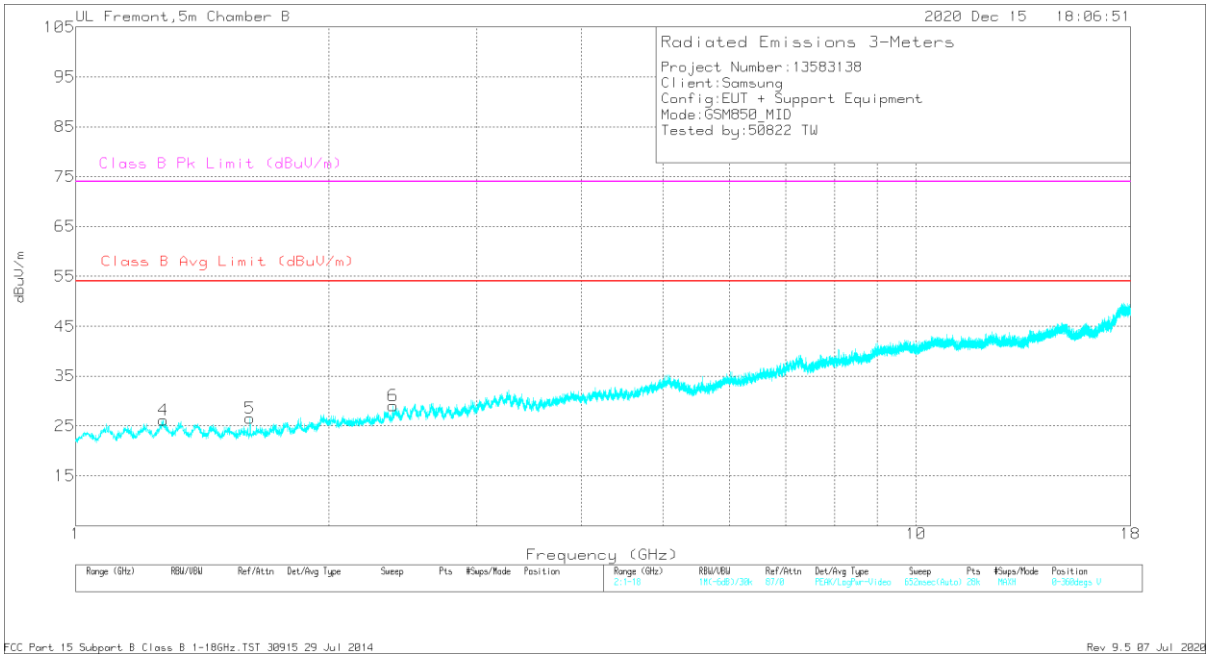


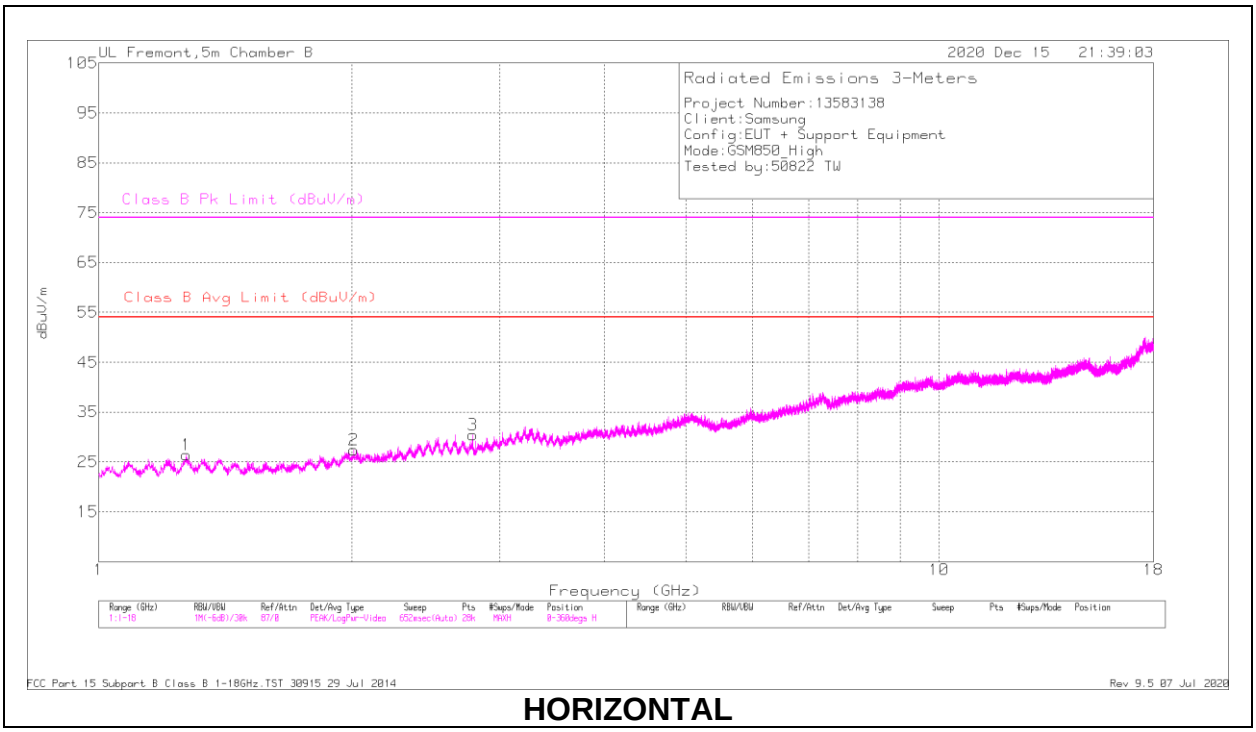
VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T962 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.273	40.41	Pk	25.6	-30.9	35.11	54	-18.89	74	-38.89	90	250	V
	1.273	26.88	Av	25.6	-30.9	21.58	54	-32.42	-	-	120	200	V
1	1.33307	39.85	Pk	25.4	-30.9	34.35	54	-19.65	74	-39.65	135	271	H
	1.33316	31.46	Av	25.4	-30.9	25.96	54	-28.04	-	-	135	271	H
5	1.61281	38.27	Pk	24.9	-30.5	32.67	54	-21.33	74	-41.33	149	165	V
	1.61281	25.29	Av	24.9	-30.5	19.69	54	-34.31	-	-	149	165	V
2	1.84581	39.09	Pk	26	-30	35.09	54	-18.91	74	-38.91	223	198	H
	1.84581	25.44	Av	26	-30	21.44	54	-32.56	-	-	223	198	H
3	2.01315	35.45	Pk	27.2	-29.7	32.95	54	-21.05	74	-41.05	136	348	H
	2.01315	24.77	Av	27.2	-29.7	22.27	54	-31.73	-	-	136	348	H
6	2.38725	36.95	Pk	28.4	-29.5	35.85	54	-18.15	74	-38.15	161	300	V
	2.38725	24.22	Av	28.4	-29.5	23.12	54	-30.88	-	-	161	300	V

Pk - Peak detector
Av - Average detection

HIGH CHANNEL



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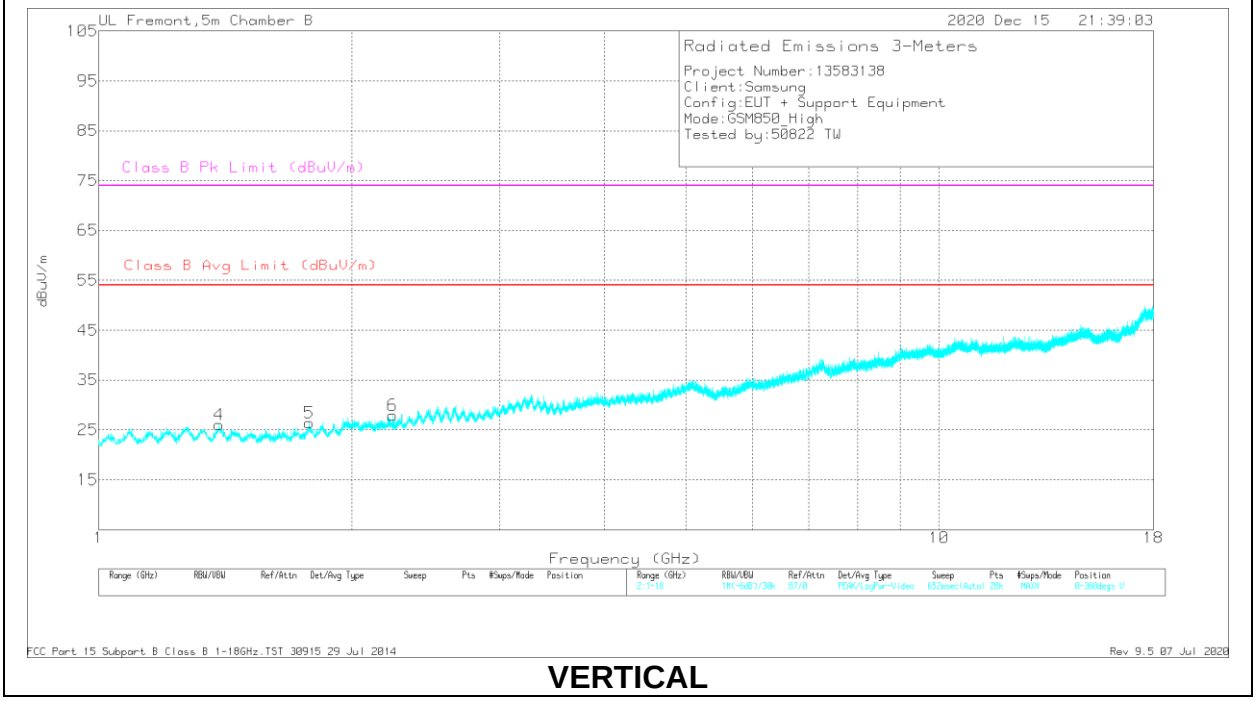


VERTICAL

RADIATED EMISSIONS

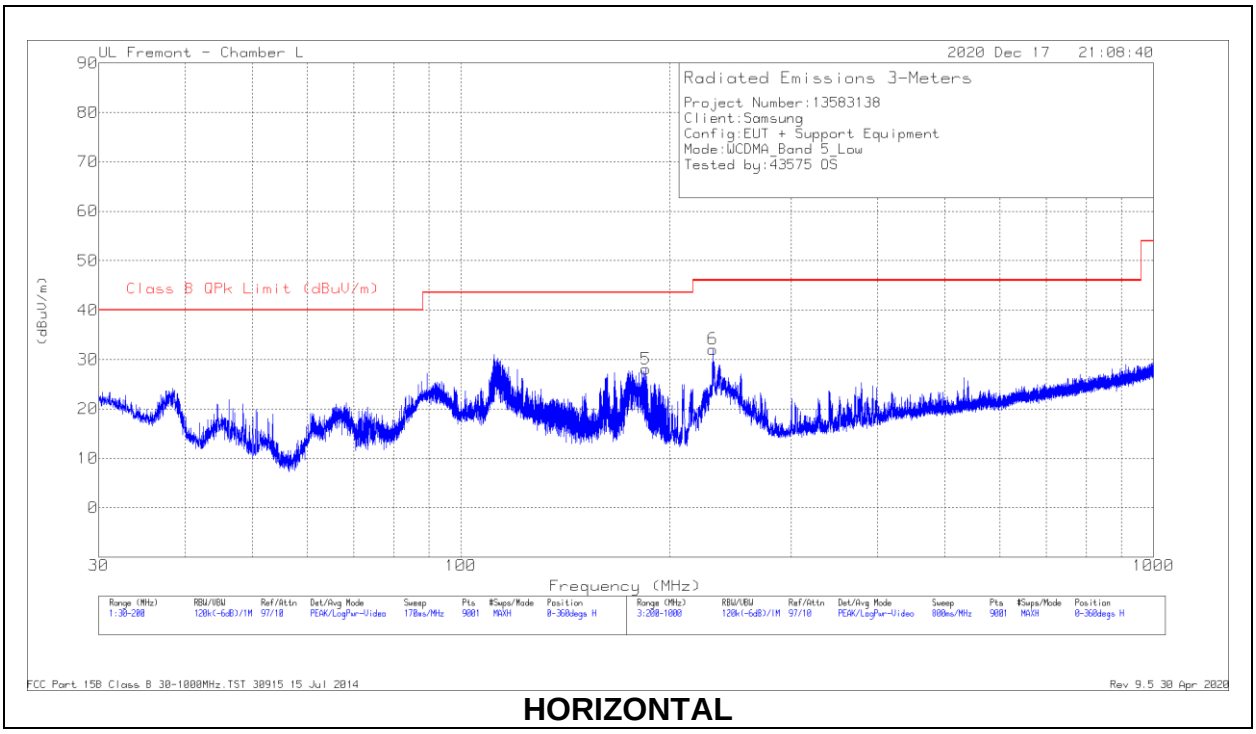
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T962 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.26949	40.24	Pk	25.6	-30.9	34.94	54	-19.06	74	-39.06	77	166	H
	1.26949	26.93	Av	25.6	-30.9	21.63	54	-32.37	-	-	77	166	H
4	1.39293	38.88	Pk	25.5	-30.7	33.68	54	-20.32	74	-40.32	196	260	V
	1.39293	26.54	Av	25.5	-30.7	21.34	54	-32.66	-	-	196	260	V
5	1.77894	38.59	Pk	25.9	-30.1	34.39	54	-19.61	74	-39.61	181	283	V
	1.77894	25.63	Av	25.9	-30.1	21.43	54	-32.57	-	-	181	283	V
2	2.01215	37.47	Pk	27.3	-29.7	35.07	54	-18.93	74	-38.93	118	186	H
	2.01215	24.79	Av	27.3	-29.7	22.39	54	-31.61	-	-	118	186	H
6	2.23222	24.63	Av	27.3	-29.5	22.43	54	-31.57	-	-	235	198	V
	2.23545	37.24	Pk	27.4	-29.5	35.14	54	-18.86	74	-38.86	235	198	V
3	2.78429	37.24	Pk	28.9	-28.8	37.34	54	-16.66	74	-36.66	312	163	H
	2.78429	24.05	Av	28.9	-28.8	24.15	54	-29.85	-	-	312	163	H

Pk - Peak detector
Av - Average detection

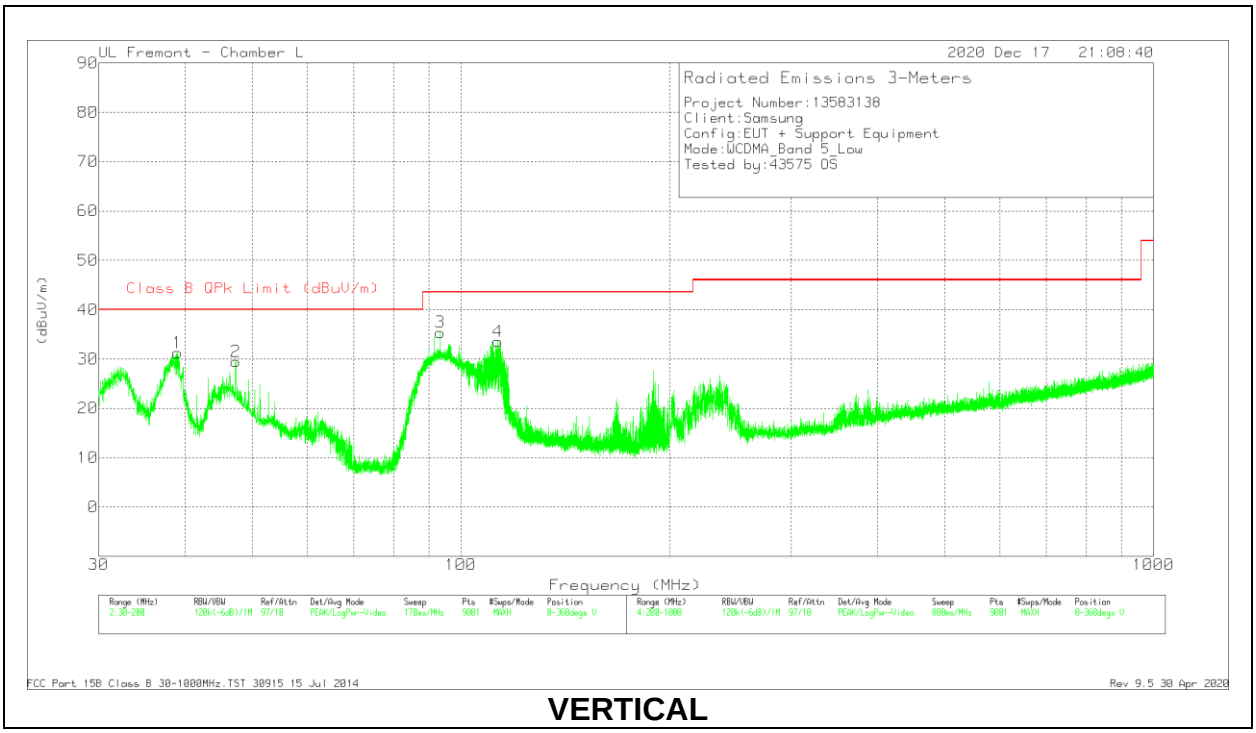
8.2. WCDMA BAND 5

8.2.1. BELOW 1GHz

LOW CHANNEL



HORIZONTAL



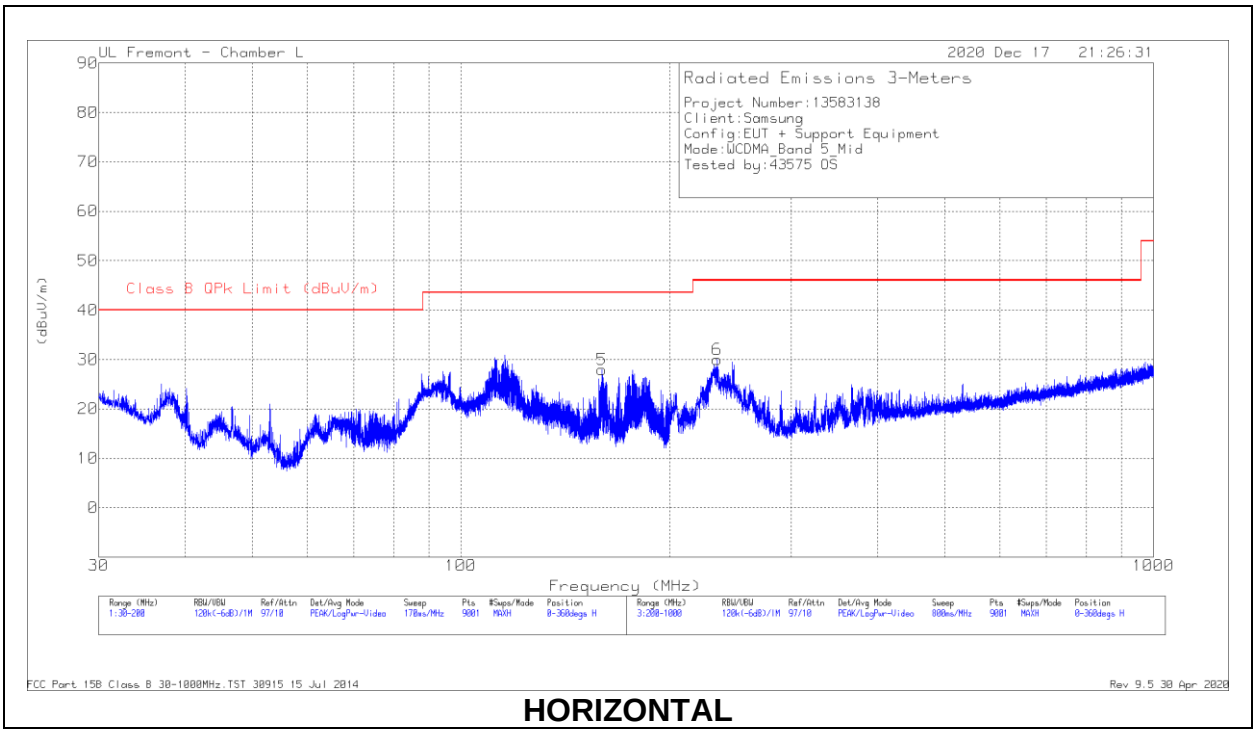
VERTICAL

RADIATED EMISSIONS

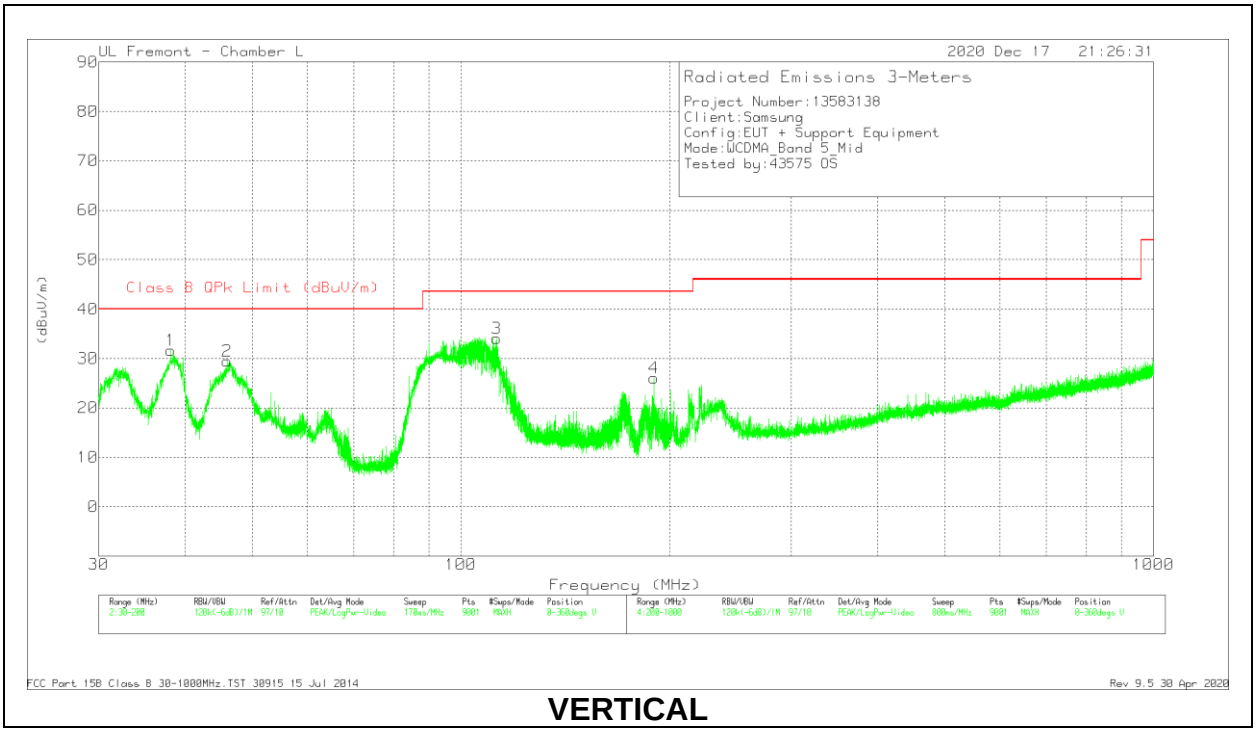
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	184.7576	41.51	Pk	16.8	-30.2	28.11	43.52	-15.41	0-360	101	H
1	38.9912	42.03	Pk	20.5	-31.3	31.23	40	-8.77	0-360	101	V
2	47.3023	45.98	Pk	14.7	-31.2	29.48	40	-10.52	0-360	101	V
3	93.172	52.26	Pk	14.2	-30.8	35.66	43.52	-7.86	79	103	V
	93.172	46.77	Qp	14.2	-30.8	30.17	43.52	-13.35	79	103	V
4	113.0549	45.39	Pk	18.9	-30.7	33.59	43.52	-9.93	0-360	101	V
6	230.9334	45.09	Pk	17	-30	32.09	46.02	-13.93	0-360	101	H

Pk - Peak detector
Qp - Quasi-Peak detector

MID CHANNEL



HORIZONTAL



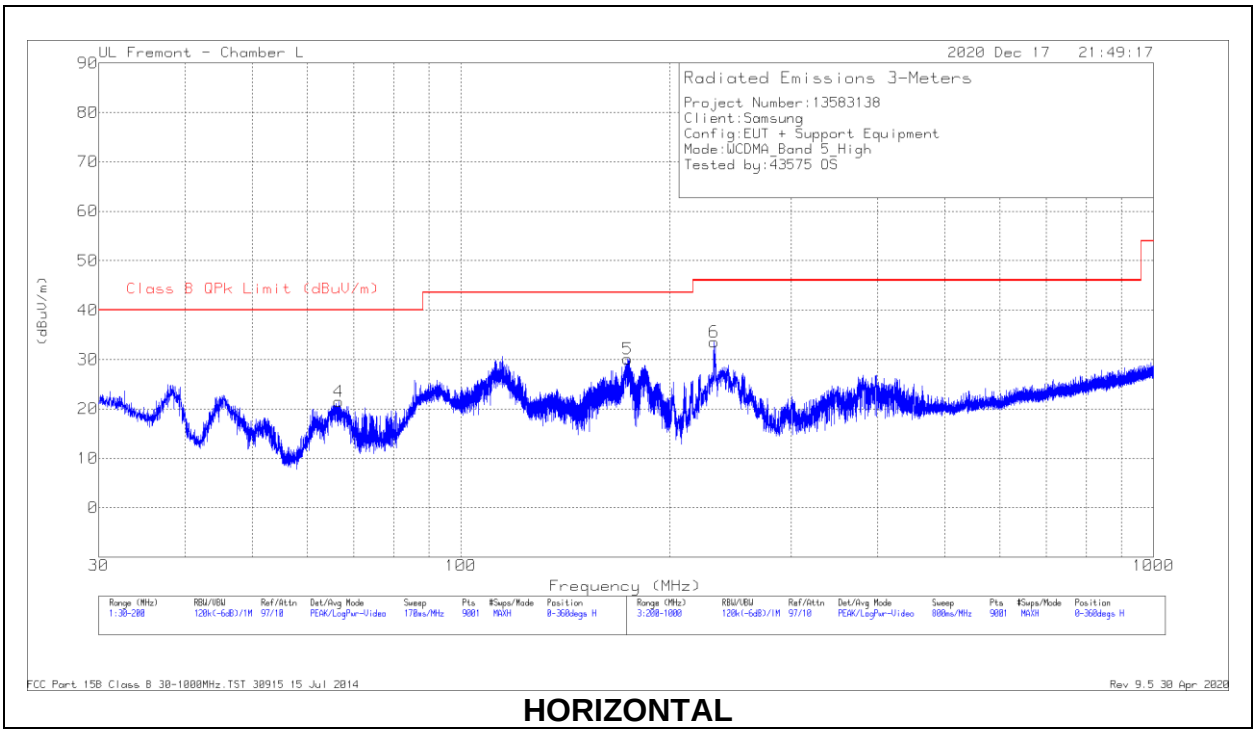
VERTICAL

RADIATED EMISSIONS

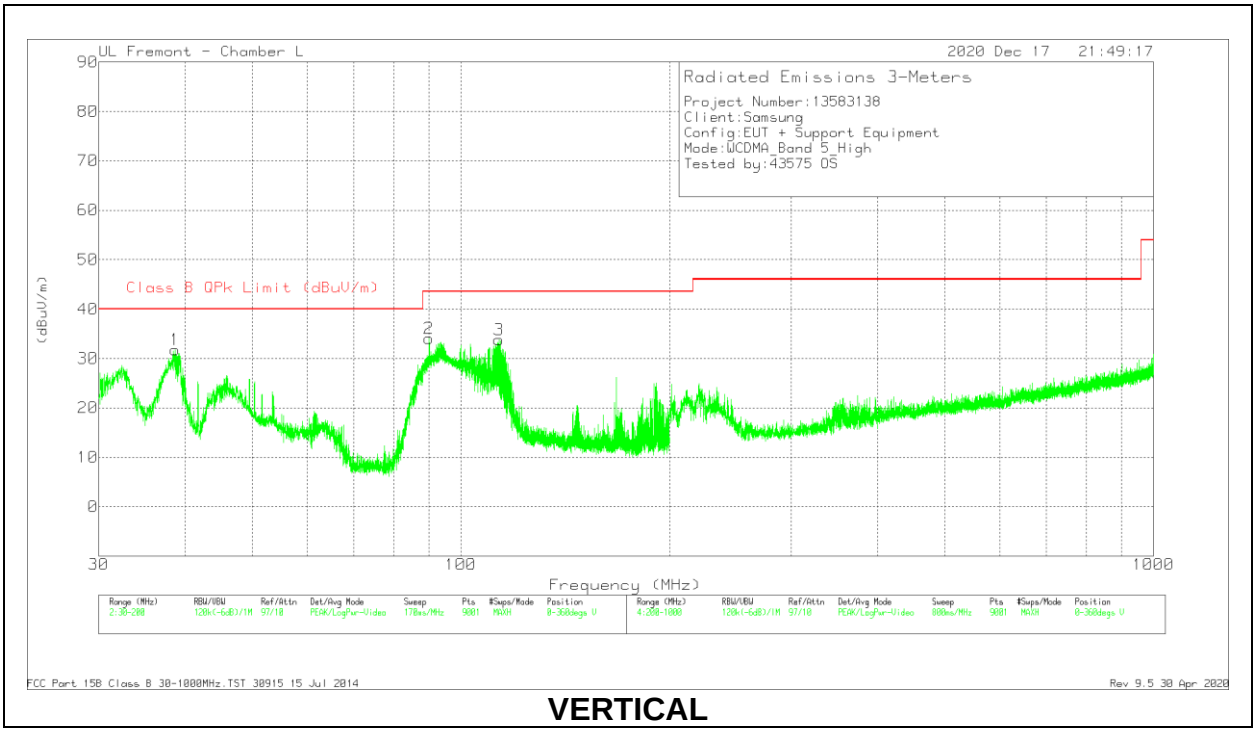
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	159.8619	40.34	Pk	17.9	-30.3	27.94	43.52	-15.58	0-360	199	H
1	38.2943	43.46	Pk	21	-31.3	33.16	40	-6.84	287	103	V
	38.2943	39.74	Qp	21	-31.3	29.44	40	-10.56	287	103	V
2	45.9612	45.19	Pk	15.5	-31.2	29.49	40	-10.51	0-360	101	V
3	112.526	45.92	Pk	18.8	-30.7	34.02	43.52	-9.5	0-360	101	V
4	189.8765	39.37	Pk	16.9	-30.2	26.07	43.52	-17.45	0-360	101	V
6	234.4	42.78	Pk	17.2	-30	29.98	46.02	-16.04	0-360	101	H

Pk - Peak detector
Qp - Quasi-Peak detector

HIGH CHANNEL



HORIZONTAL



VERTICAL

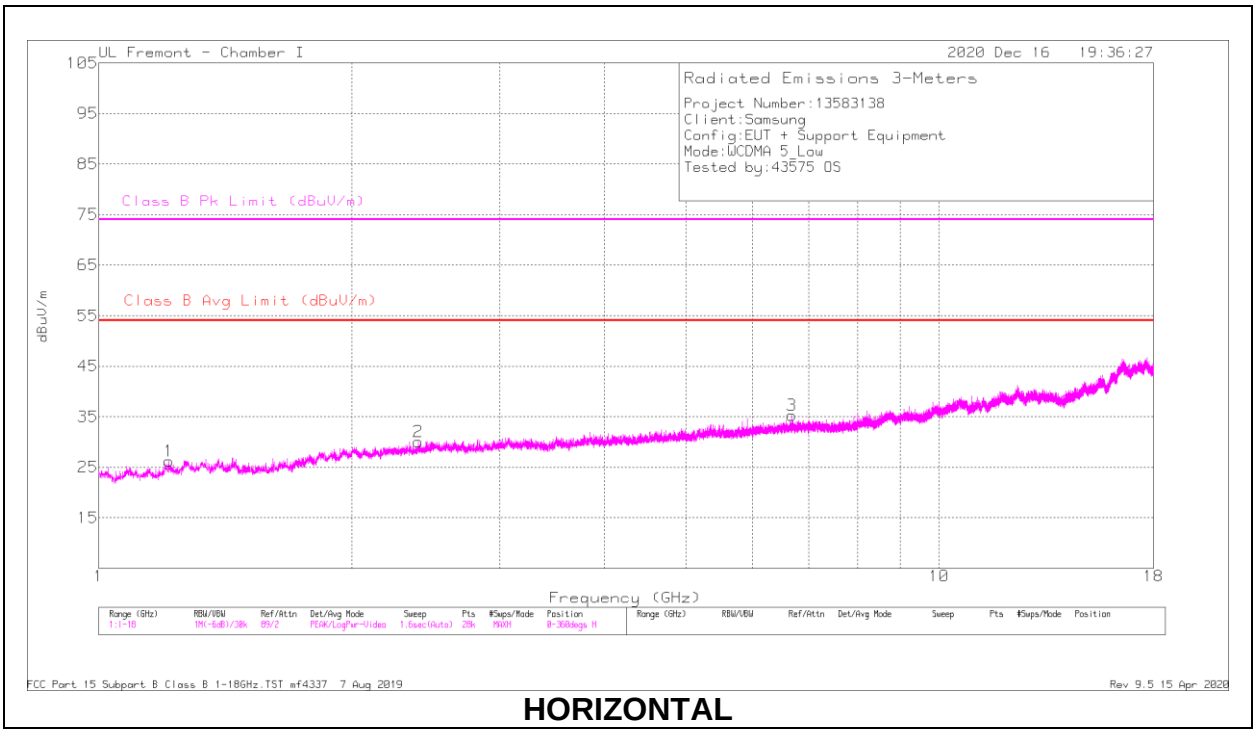
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	66.6258	38.7	Pk	13.8	-31	21.5	40	-18.5	0-360	399	H
5	174.1608	43.24	Pk	17.2	-30.3	30.14	43.52	-13.38	0-360	199	H
1	38.7316	44.75	Pk	20.7	-31.3	34.15	40	-5.85	93	103	V
	38.7316	39.79	Qp	20.7	-31.3	29.19	40	-10.81	93	103	V
2	89.9159	51.42	Pk	13.5	-30.9	34.02	43.52	-9.5	0-360	101	V
3	113.4516	45.56	Pk	18.9	-30.7	33.76	43.52	-9.76	0-360	101	V
6	231.9112	46.57	Pk	17	-30	33.57	46.02	-12.45	0-360	101	H

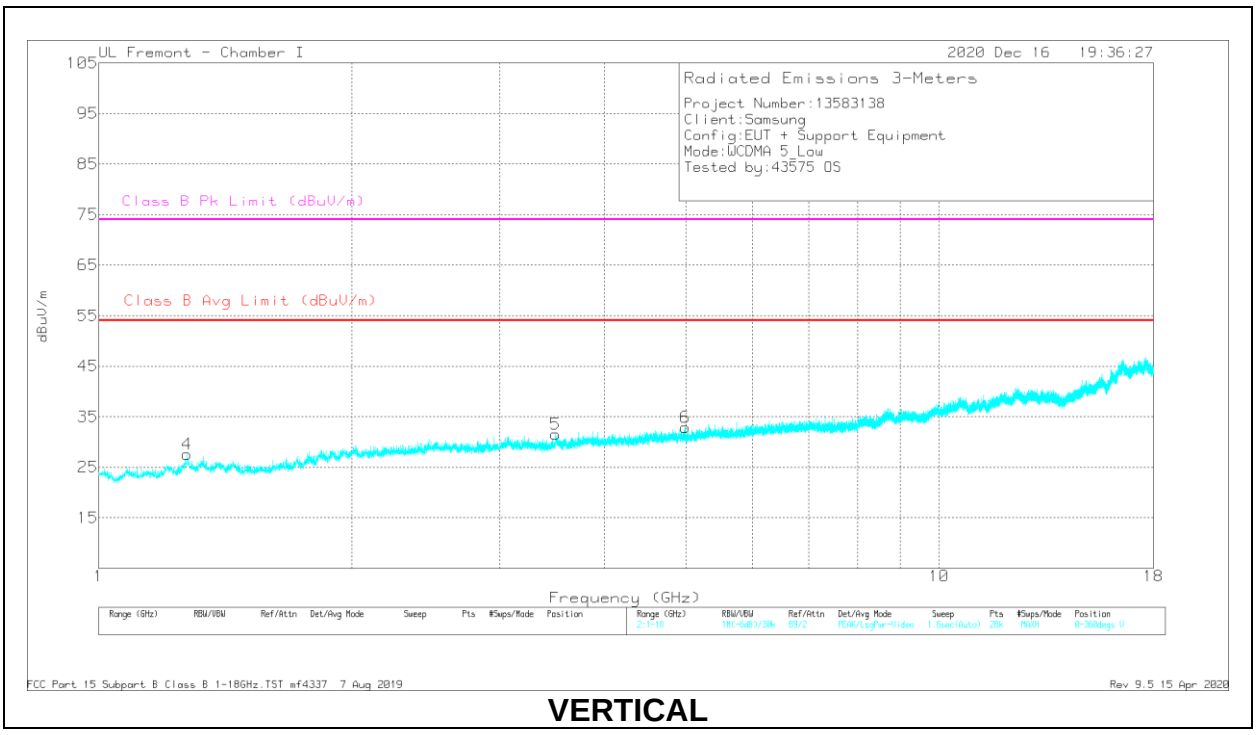
Pk - Peak detector
Qp - Quasi-Peak detector

8.2.2. ABOVE 1GHz

LOW CHANNEL



HORIZONTAL



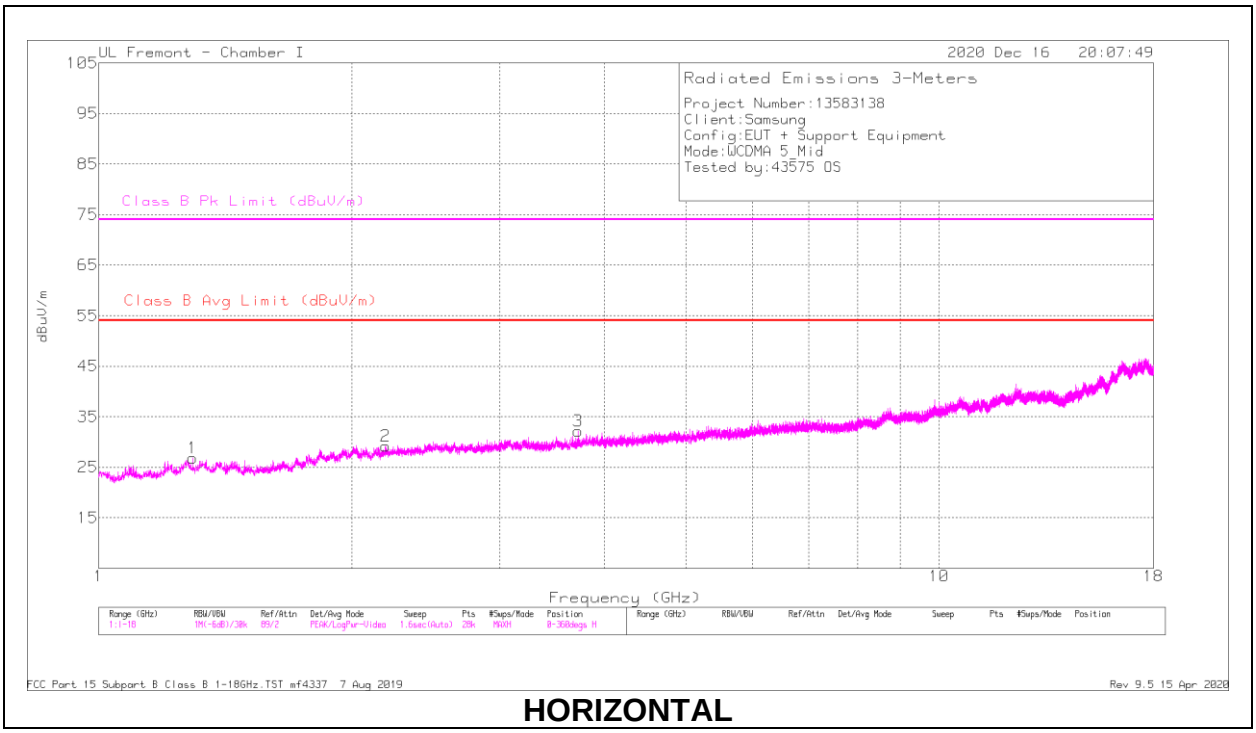
VERTICAL

RADIATED EMISSIONS

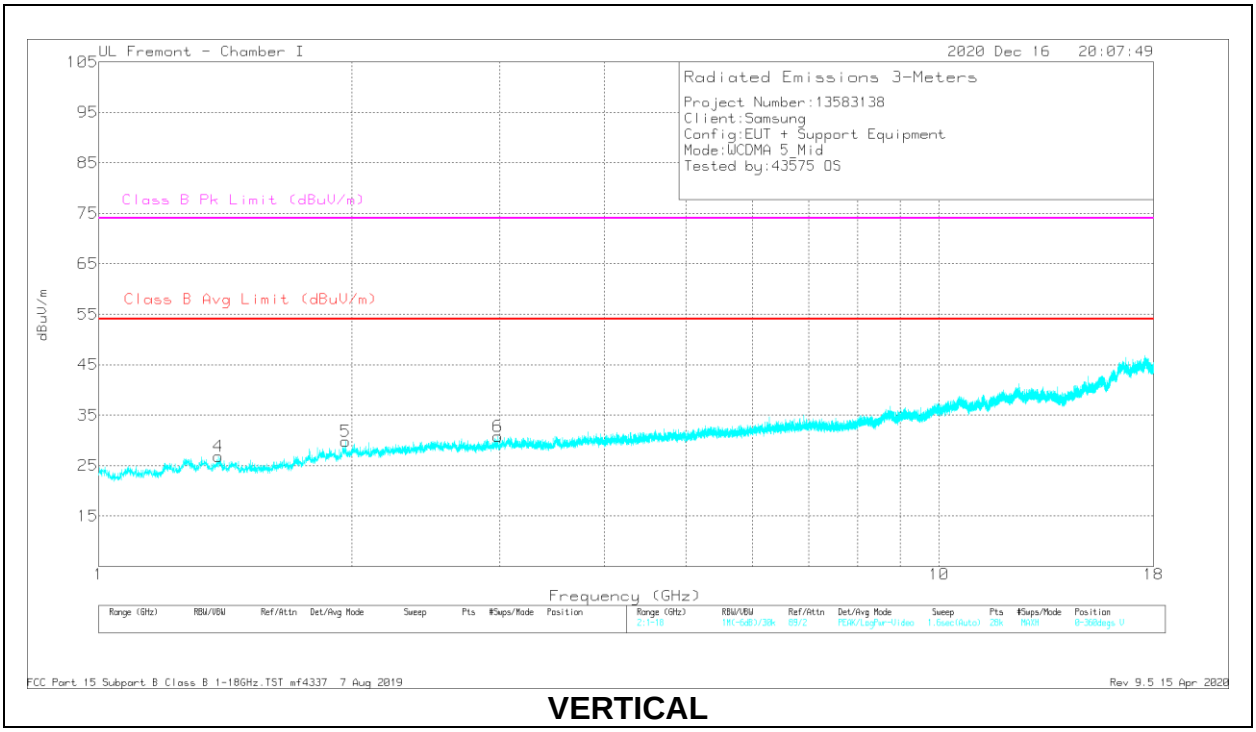
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.21265	39.75	Pk	28.1	-32.7	35.15	-	-	74	-38.85	178	356	H
	1.21265	26.62	Av	28.1	-32.7	22.02	54	-31.98	-	-	178	356	H
2	2.40072	37.53	Pk	32.1	-30.9	38.73	-	-	74	-35.27	270	109	H
	2.40072	24.39	Av	32.1	-30.9	25.59	54	-28.41	-	-	270	109	H
3	6.68619	33.03	Pk	35.8	-25.6	43.23	-	-	74	-30.77	229	164	H
	6.68619	19.57	Av	35.8	-25.6	29.77	54	-24.23	-	-	229	164	H
4	1.27495	38.95	Pk	29.2	-32.6	35.55	-	-	74	-38.45	339	314	V
	1.27495	26.06	Av	29.2	-32.6	22.66	54	-31.34	-	-	339	314	V
5	3.49652	36.7	Pk	33.6	-29.3	41	-	-	74	-33	32	256	V
	3.49652	23.13	Av	33.6	-29.3	27.43	54	-26.57	-	-	32	256	V
6	4.98462	35.2	Pk	34.1	-27.7	41.6	-	-	74	-32.4	289	140	V
	4.98462	21.75	Av	34.1	-27.7	28.15	54	-25.85	-	-	289	140	V

Pk - Peak detector
Av - Average detection

MID CHANNEL



HORIZONTAL



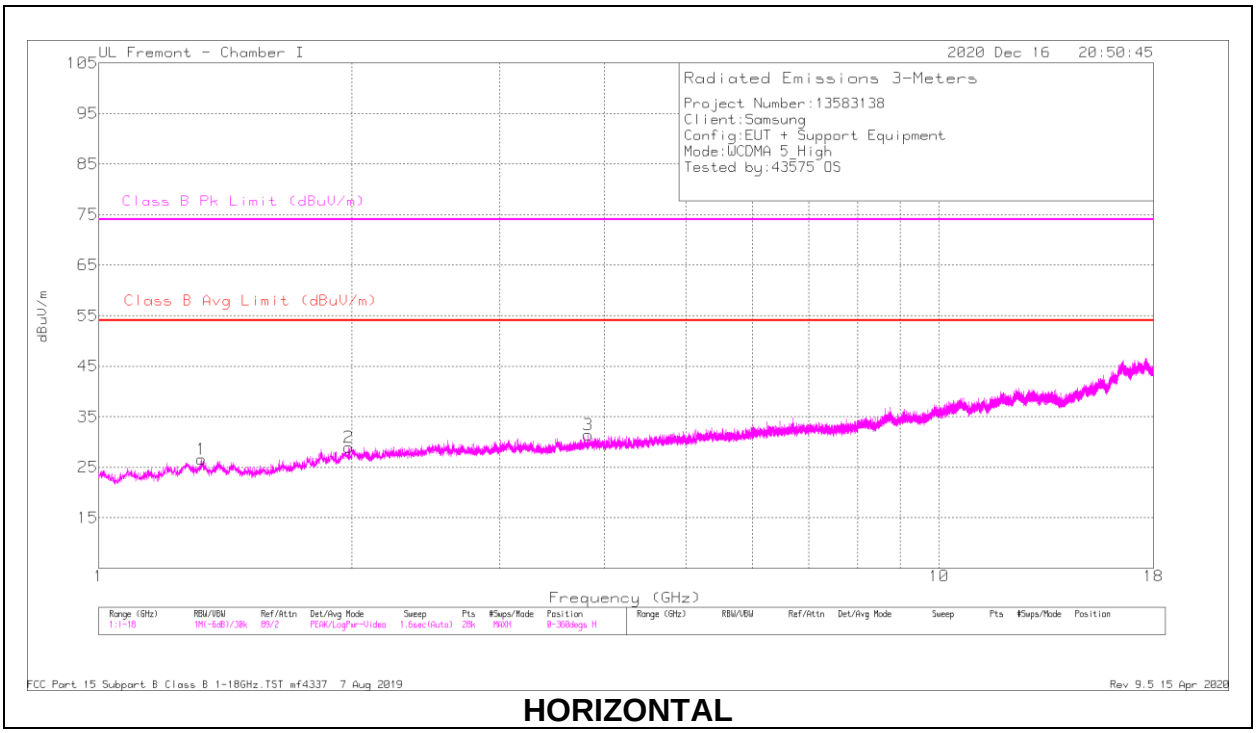
VERTICAL

RADIATED EMISSIONS

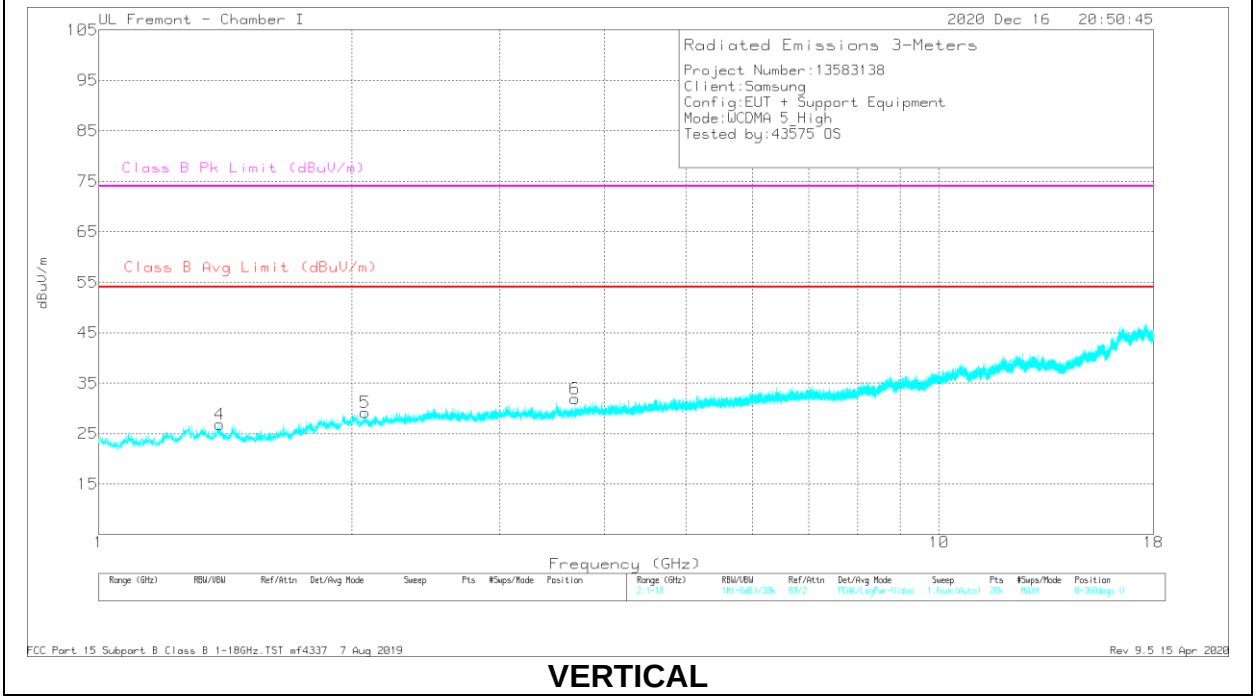
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.29136	38.31	Pk	29.2	-32.6	34.91	-	-	74	-39.09	237	101	H
	1.29136	25.38	Av	29.2	-32.6	21.98	54	-32.02	-	-	237	101	H
2	2.19592	37.6	Pk	31.5	-30.9	38.2	-	-	74	-35.8	212	163	H
	2.19592	24.34	Av	31.5	-30.9	24.94	54	-29.06	-	-	212	163	H
3	3.72038	35.63	Pk	33.3	-29.1	39.83	-	-	74	-34.17	209	133	H
	3.72038	22.4	Av	33.3	-29.1	26.6	54	-27.4	-	-	209	133	H
4	1.38671	38.93	Pk	28.7	-32.3	35.33	-	-	74	-38.67	279	167	V
	1.38671	25.82	Av	28.7	-32.3	22.22	54	-31.78	-	-	279	167	V
5	1.96622	38	Pk	31.2	-31.3	37.9	-	-	74	-36.1	117	137	V
	1.96622	24.59	Av	31.2	-31.3	24.49	54	-29.51	-	-	117	137	V
6	2.98318	36.34	Pk	32.8	-30.2	38.94	-	-	74	-35.06	12	164	V
	2.98318	23.07	Av	32.8	-30.2	25.67	54	-28.33	-	-	12	164	V

Pk - Peak detector
Av - Average detection

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

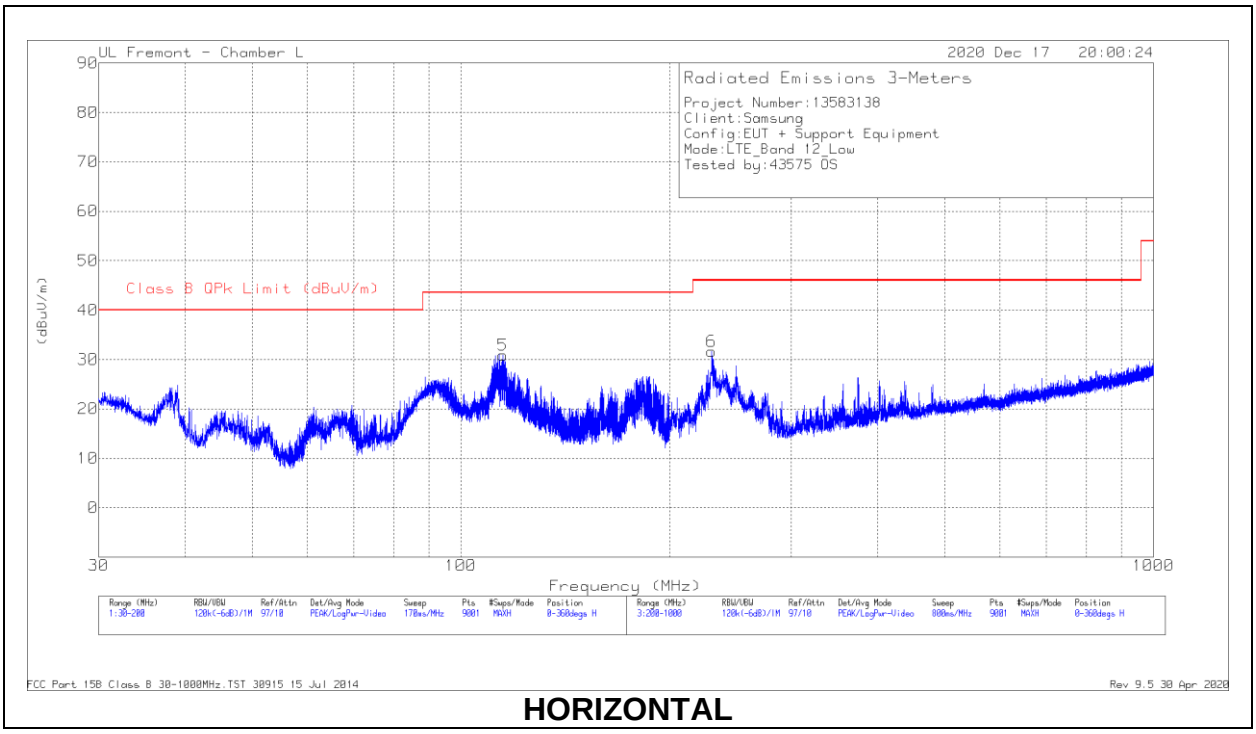
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.32487	39.62	Pk	28.9	-32.4	36.12	-	-	74	-37.88	171	167	H
	1.32487	25.94	Av	28.9	-32.4	22.44	54	-31.56	-	-	171	167	H
2	1.98314	37.33	Pk	31.4	-31.3	37.43	-	-	74	-36.57	247	145	H
	1.98314	24.02	Av	31.4	-31.3	24.12	54	-29.88	-	-	247	145	H
3	3.8252	34.9	Pk	33.6	-28.8	39.7	-	-	74	-34.3	218	151	H
	3.8252	21.77	Av	33.6	-28.8	26.57	54	-27.43	-	-	218	151	H
4	1.3933	39.42	Pk	28.7	-32.3	35.82	-	-	74	-38.18	338	179	V
	1.3933	25.72	Av	28.7	-32.3	22.12	54	-31.88	-	-	338	179	V
5	2.07532	39.32	Pk	31.2	-31.2	39.32	-	-	74	-34.68	254	118	V
	2.07532	24.57	Av	31.2	-31.2	24.57	54	-29.43	-	-	254	118	V
6	3.68916	35.82	Pk	33.2	-29.3	39.72	-	-	74	-34.28	275	102	V
	3.68916	21.87	Av	33.2	-29.3	25.77	54	-28.23	-	-	275	102	V

Pk - Peak detector
Av - Average detection

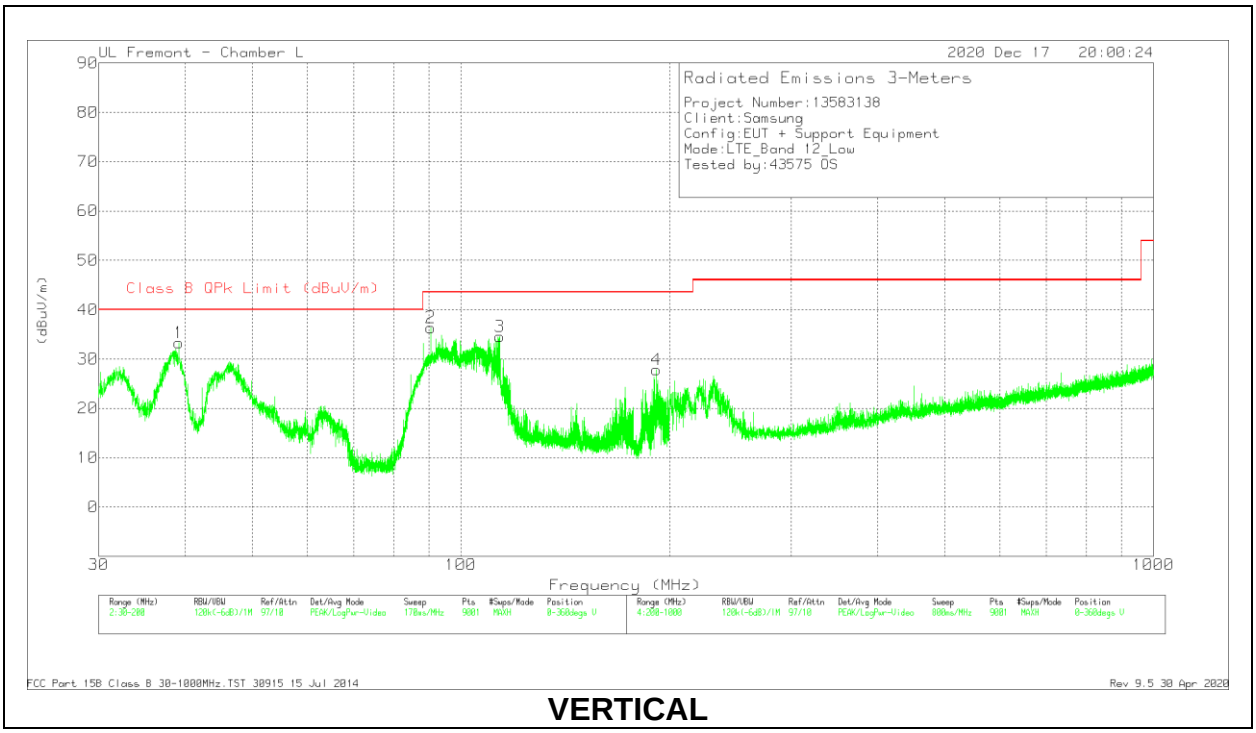
8.3. LTE BAND 12

8.3.1. BELOW 1GHz

LOW CHANNEL



HORIZONTAL



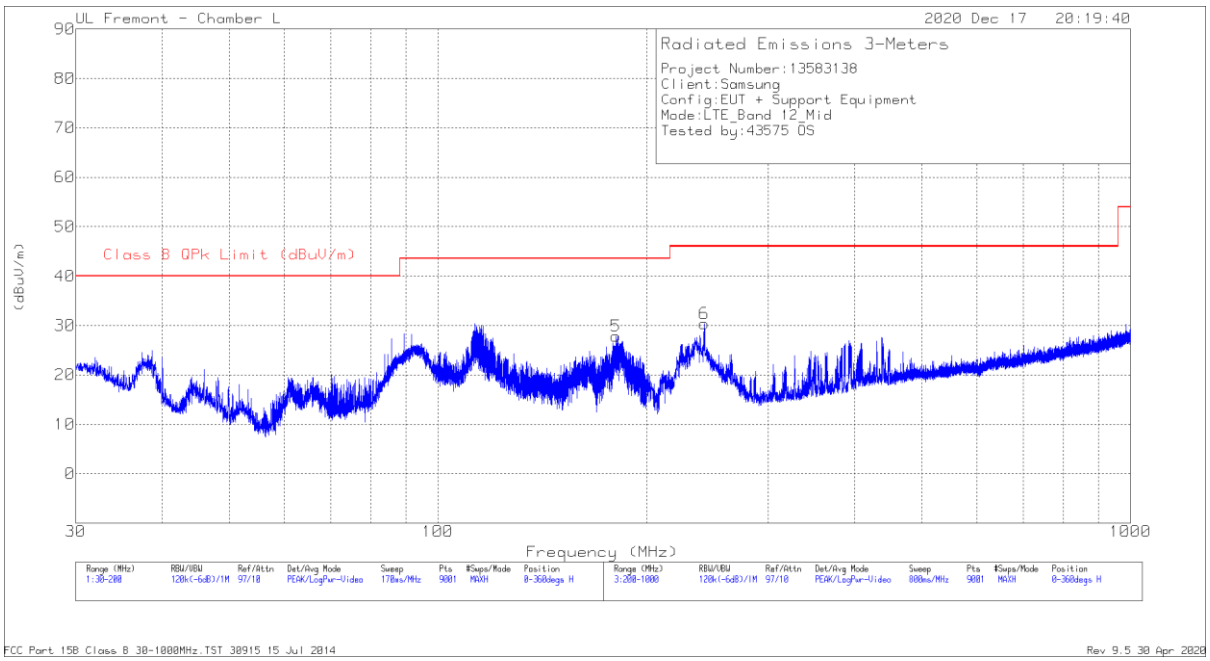
VERTICAL

RADIATED EMISSIONS

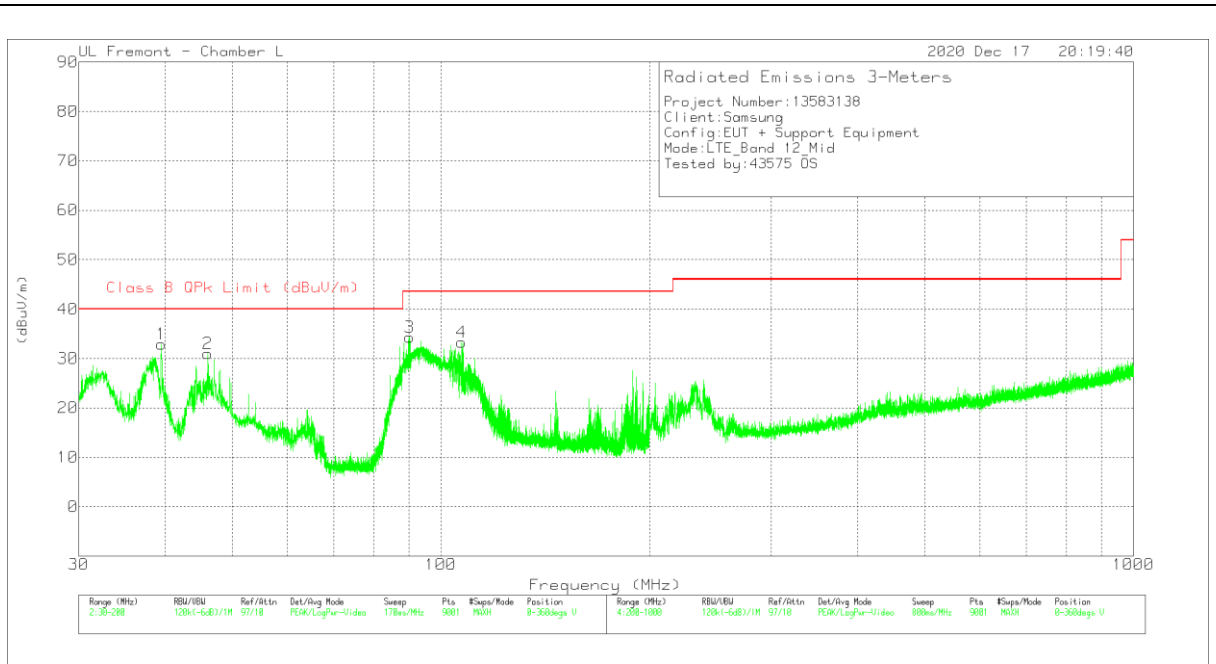
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	115.0005	42.43	Pk	19.1	-30.7	30.83	43.52	-12.69	0-360	199	H
1	39.1413	44.7	Pk	20.4	-31.3	33.8	40	-6.2	73	110	V
	39.1413	37.06	Qp	20.4	-31.3	26.16	40	-13.84	73	110	V
2	90.5392	53.6	Pk	13.6	-30.8	36.4	43.52	-7.12	0-360	101	V
3	113.7538	46.31	Pk	19	-30.7	34.61	43.52	-8.91	0-360	101	V
4	191.5198	40.99	Pk	17	-30.2	27.79	43.52	-15.73	0-360	101	V
6	230.2223	44.7	Pk	16.9	-30	31.6	46.02	-14.42	0-360	101	H

Pk - Peak detector
Qp - Quasi-Peak detector

MID CHANNEL



HORIZONTAL



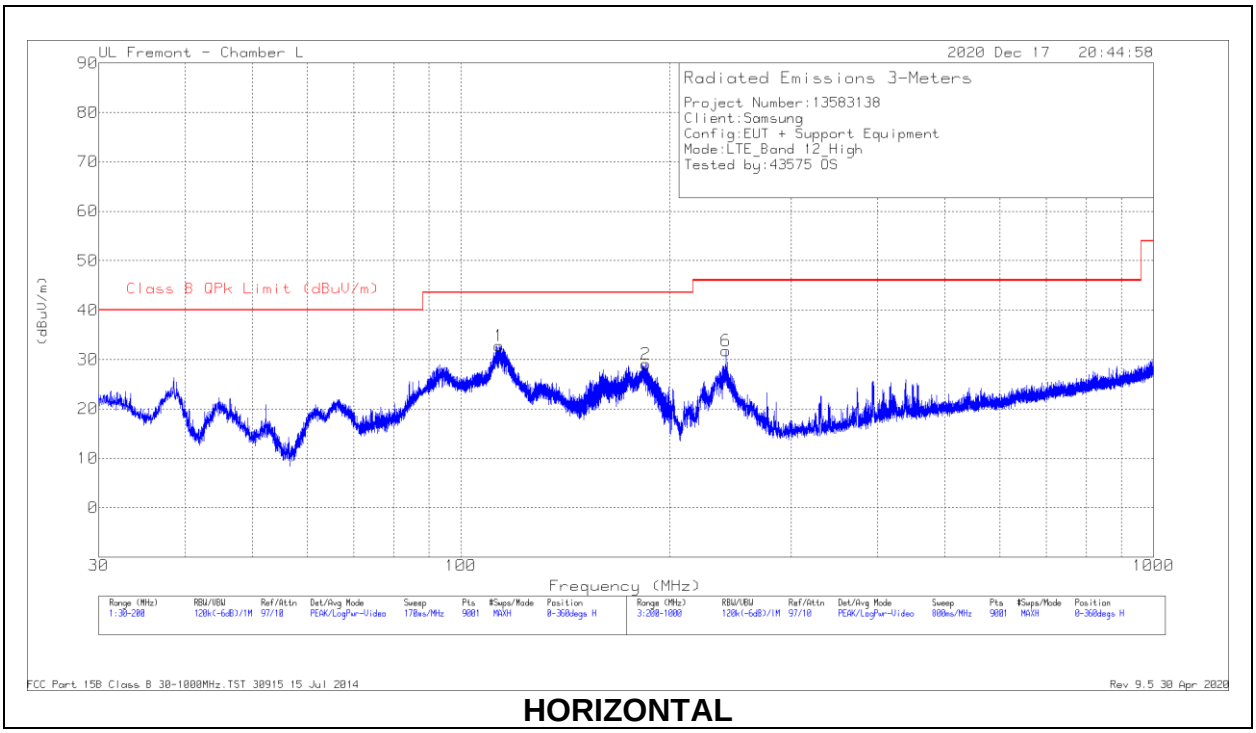
VERTICAL

RADIATED EMISSIONS

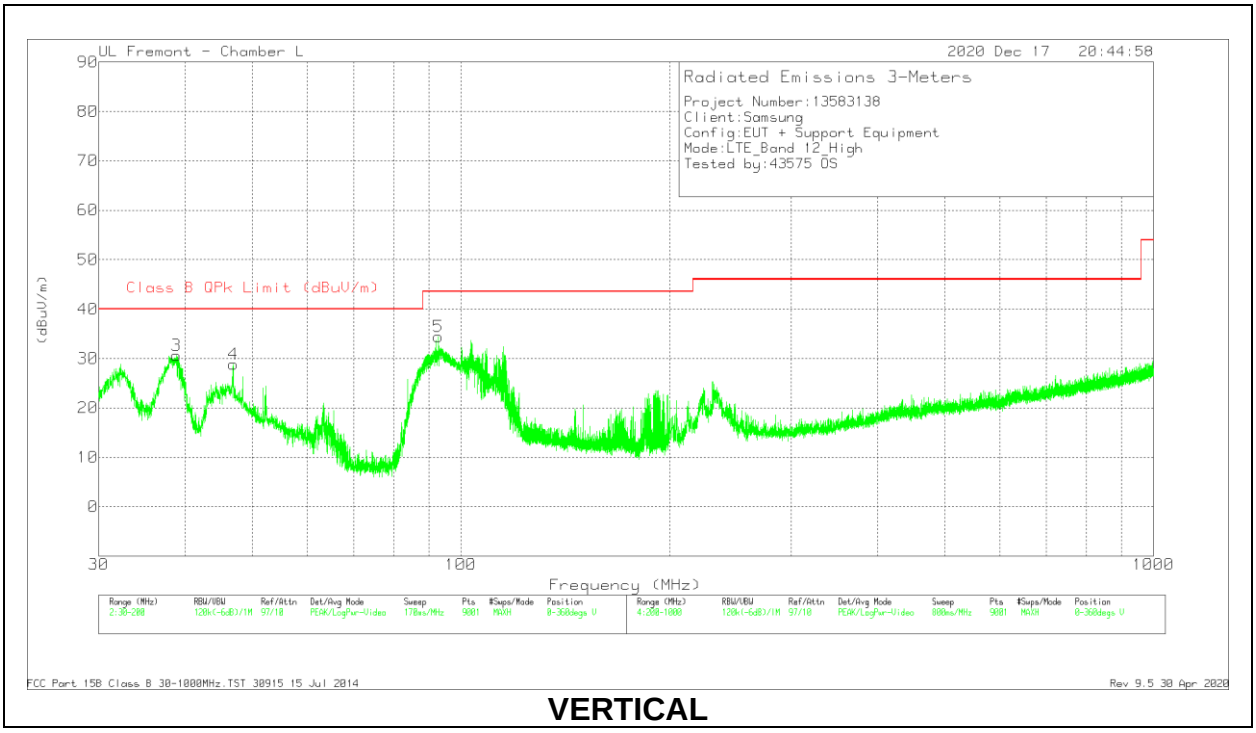
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	180.7342	41.18	Pk	16.9	-30.2	27.88	43.52	-15.64	0-360	199	H
1	39.2967	37.62	Pk	20.3	-31.3	26.62	40	-13.38	24	388	V
	39.2967	28.36	Qp	20.3	-31.3	17.36	40	-22.64	24	388	V
2	46.0934	46.76	Pk	15.4	-31.2	30.96	40	-9.04	0-360	101	V
3	90.1992	51.73	Pk	13.5	-30.9	34.33	43.52	-9.19	0-360	101	V
4	107.2371	46.05	Pk	17.9	-30.7	33.25	43.52	-10.27	0-360	101	V
6	242.2223	42.76	Pk	17.5	-29.9	30.36	46.02	-15.66	0-360	101	H

Pk - Peak detector
Qp - Quasi-Peak detector

HIGH CHANNEL



HORIZONTAL



VERTICAL

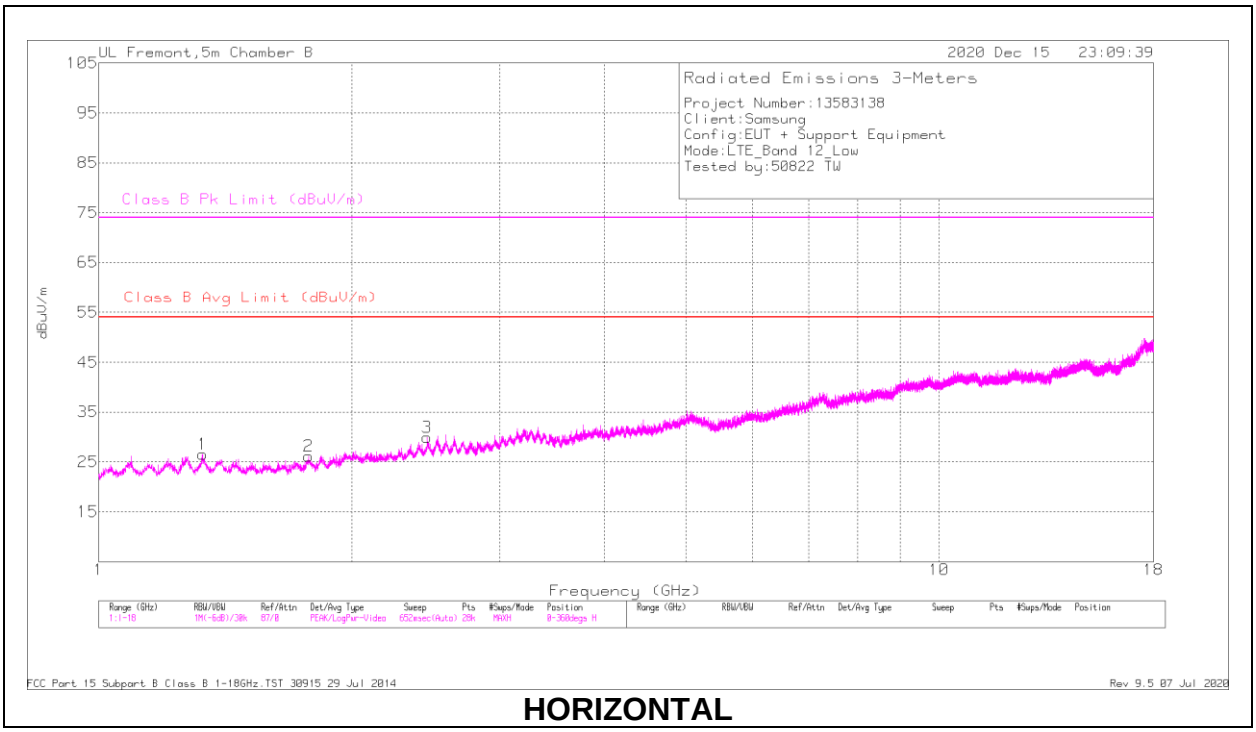
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	113.5649	44.52	Pk	19	-30.7	32.82	43.52	-10.7	0-360	299	H
2	184.8898	42.51	Pk	16.8	-30.2	29.11	43.52	-14.41	0-360	199	H
3	38.8023	41.29	Pk	20.6	-31.3	30.59	40	-9.41	0-360	101	V
4	46.9057	45.02	Pk	15	-31.2	28.82	40	-11.18	0-360	101	V
5	92.8441	53.18	Pk	14.1	-30.8	36.48	43.52	-7.04	63	137	V
	92.8441	46.43	Qp	14.1	-30.8	29.73	43.52	-13.79	63	137	V
6	241.3334	44.16	Pk	17.5	-29.9	31.76	46.02	-14.26	0-360	101	H

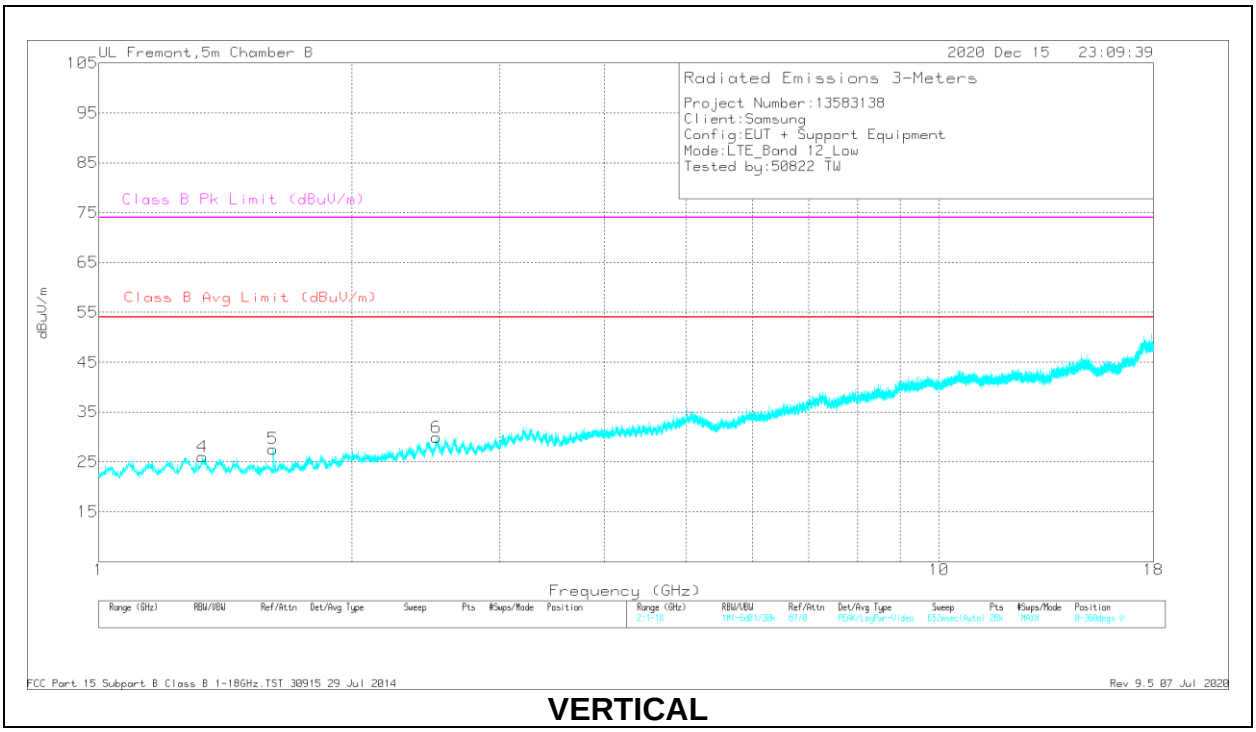
Pk - Peak detector
Qp - Quasi-Peak detector

8.3.2. ABOVE 1GHz

LOW CHANNEL



HORIZONTAL



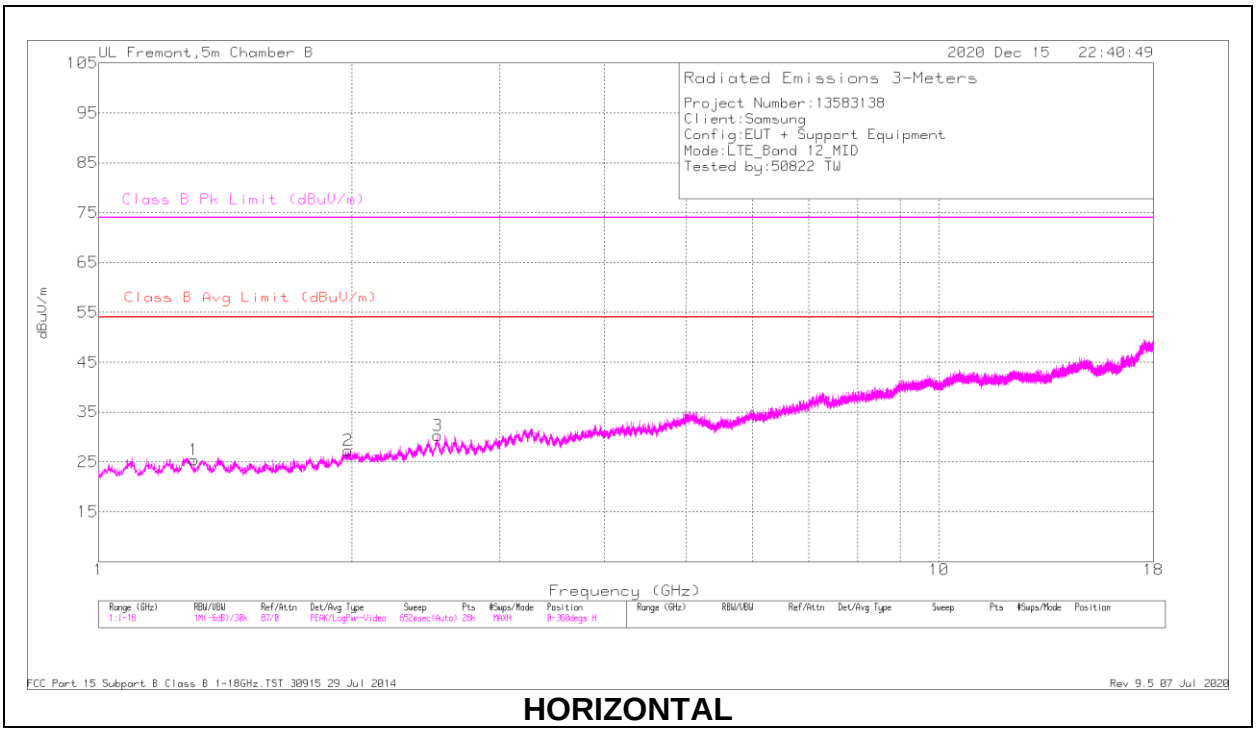
VERTICAL

RADIATED EMISSIONS

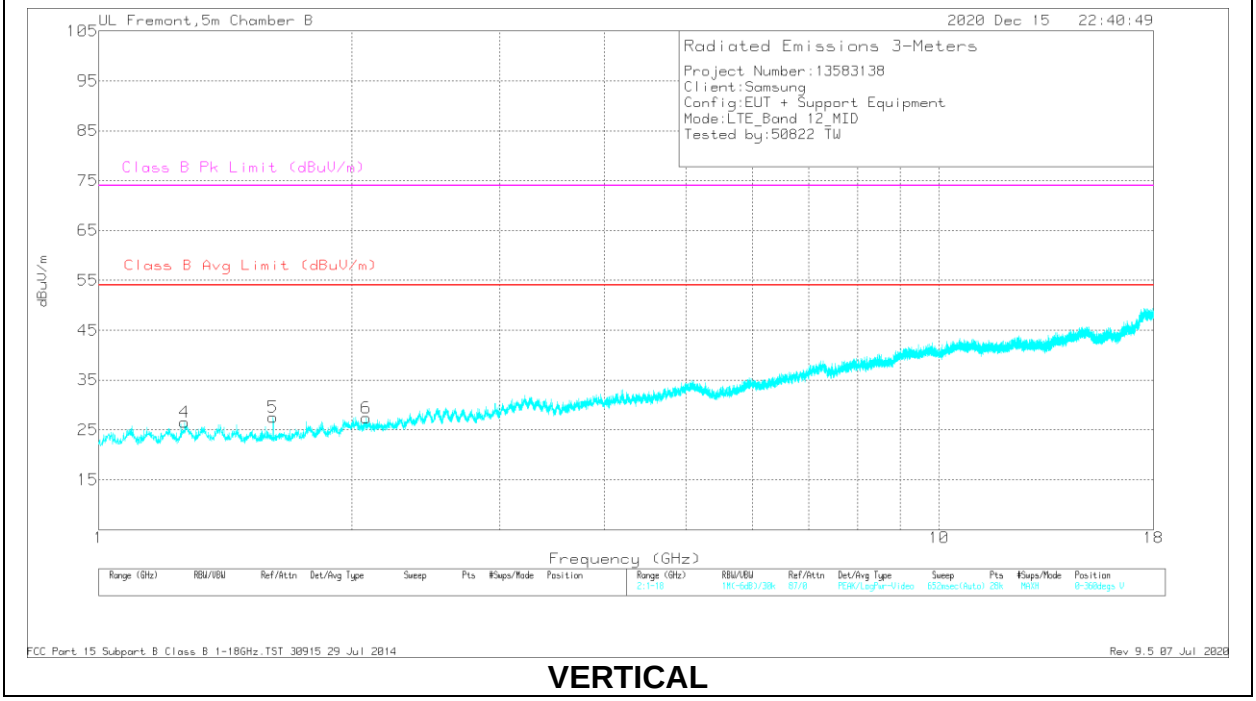
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T962 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.32991	31.65	Av	25.4	-30.8	26.25	54	-27.75	-	-	98	207	V
	1.32991	26.71	Av	25.4	-30.8	21.31	54	-32.69	-	-	98	207	V
1	1.33222	39.66	Pk	25.4	-30.9	34.16	54	-19.84	74	-39.84	268	216	H
	1.33222	26.8	Av	25.4	-30.9	21.3	54	-32.7	-	-	268	216	H
5	1.61281	39.86	Pk	24.9	-30.5	34.26	54	-19.74	74	-39.74	296	128	V
	1.61281	29.49	Av	24.9	-30.5	23.89	54	-30.11	-	-	296	128	V
2	1.77552	38.78	Pk	25.8	-30.1	34.48	54	-19.52	74	-39.52	134	192	H
	1.77552	25.69	Av	25.8	-30.1	21.39	54	-32.61	-	-	134	192	H
3	2.45905	37.99	Pk	28.9	-29.4	37.49	54	-16.51	74	-36.51	149	187	H
	2.45905	24.95	Av	28.9	-29.4	24.45	54	-29.55	-	-	149	187	H
6	2.52473	37.35	Pk	29.2	-29.3	37.25	54	-16.75	74	-36.75	285	145	V
	2.52473	25.08	Av	29.2	-29.3	24.98	54	-29.02	-	-	285	145	V

Pk - Peak detector
Av - Average detection

MID CHANNEL



HORIZONTAL



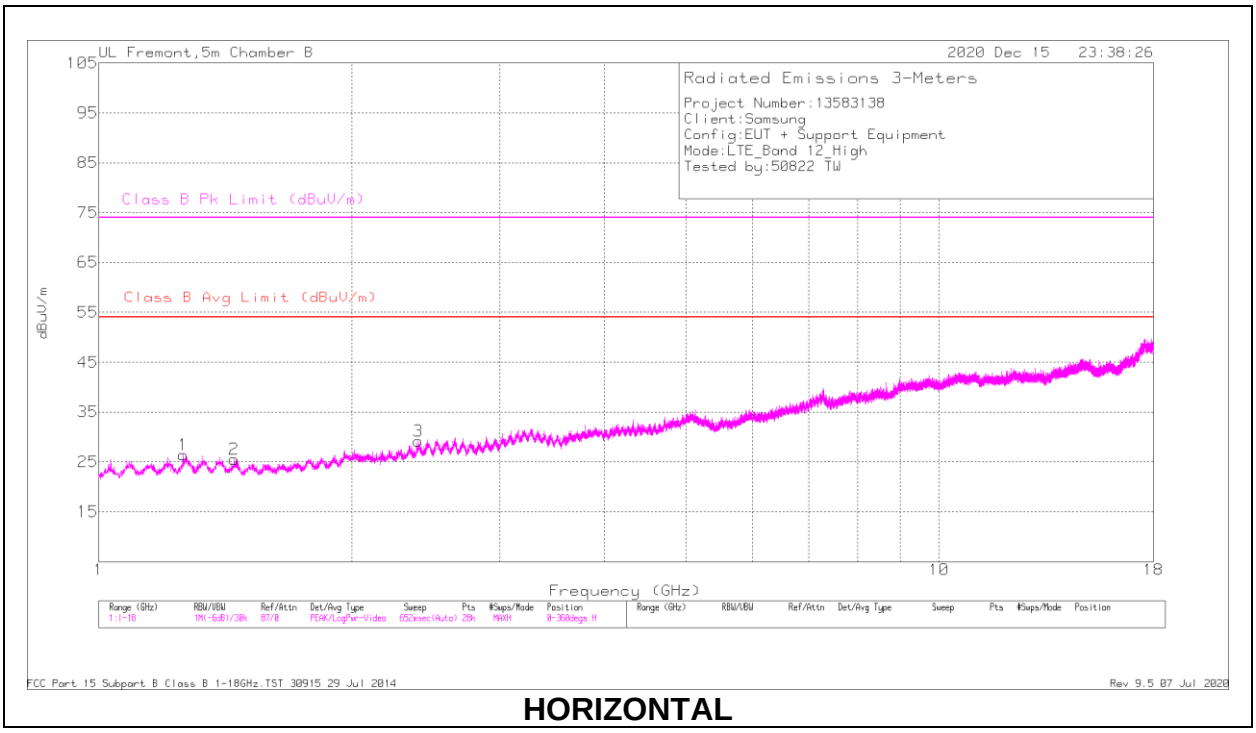
VERTICAL

RADIATED EMISSIONS

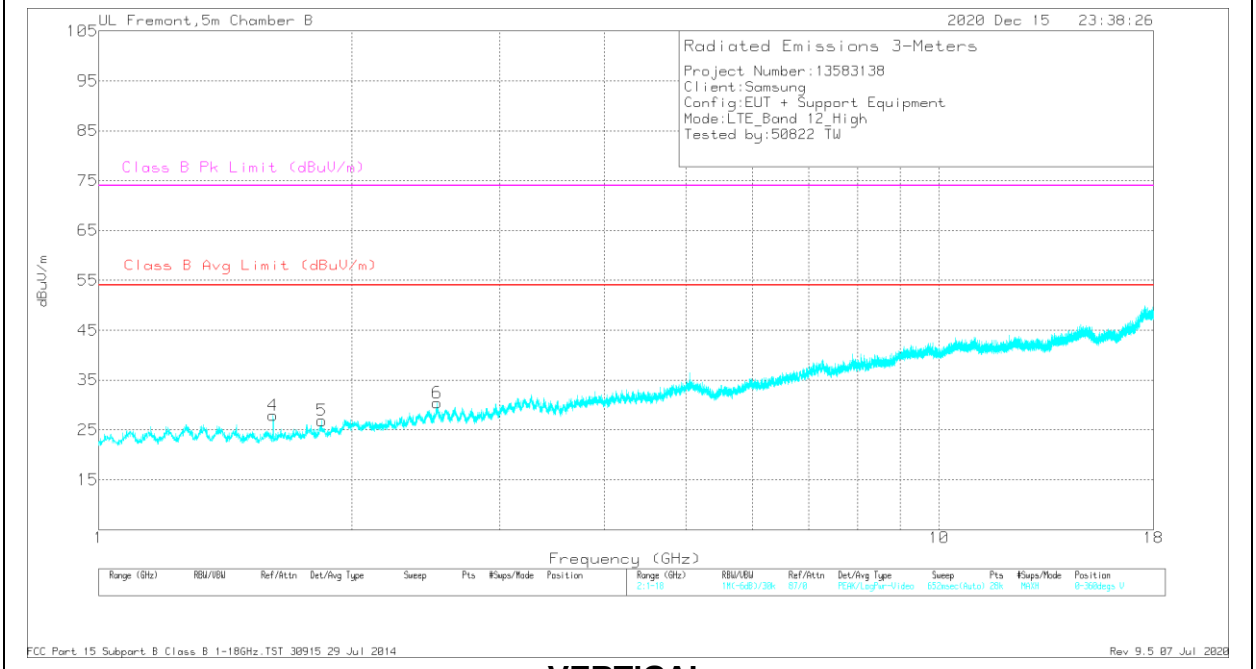
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T962 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	1.26592	40.11	Pk	25.6	-31	34.71	54	-19.29	74	-39.29	258	192	V
	1.26592	26.77	Av	25.6	-31	21.37	54	-32.63	-	-	258	192	V
1	1.29924	29.65	Av	25.4	-30.8	24.25	54	-29.75	-	-	188	180	H
	1.29924	25.14	Av	25.4	-30.8	19.74	54	-34.26	-	-	188	180	H
5	1.61317	38.42	Pk	24.9	-30.5	32.82	54	-21.18	74	-41.18	43	161	V
	1.61317	28.37	Av	24.9	-30.5	22.77	54	-31.23	-	-	43	161	V
2	1.98023	37.47	Pk	27.3	-29.9	34.87	54	-19.13	74	-39.13	112	204	H
	1.98023	24.84	Av	27.3	-29.9	22.24	54	-31.76	-	-	112	204	H
6	2.08338	37.66	Pk	27	-29.5	35.16	54	-18.84	74	-38.84	138	189	V
	2.08338	24.78	Av	27	-29.5	22.28	54	-31.72	-	-	138	189	V
3	2.5311	38.61	Pk	29.2	-29.3	38.51	54	-15.49	74	-35.49	156	240	H
	2.5311	25.06	Av	29.2	-29.3	24.96	54	-29.04	-	-	156	240	H

Pk - Peak detector
Av - Average detection

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

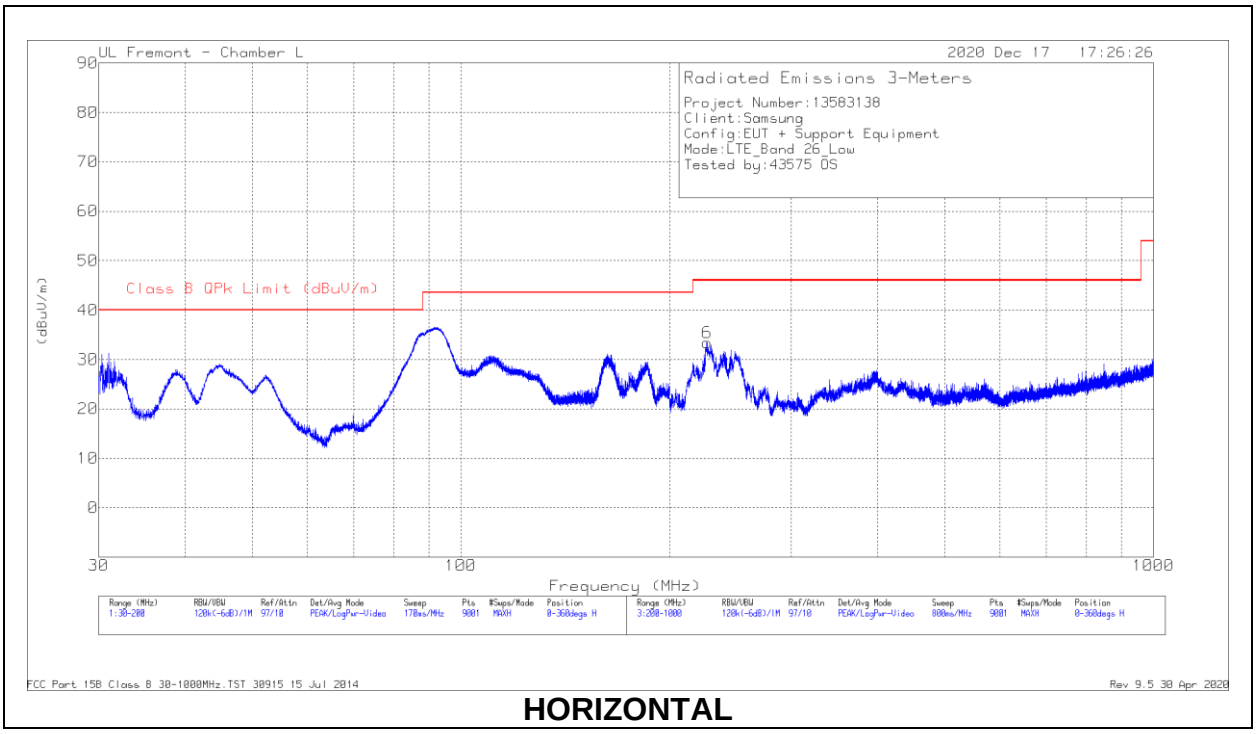
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T962 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.2597	40.4	Pk	25.5	-30.9	35	54	-19	74	-39	96	148	H
	1.2597	26.41	Av	25.5	-30.9	21.01	54	-32.99	-	-	96	148	H
2	1.44747	38.99	Pk	25.1	-30.6	33.49	54	-20.51	74	-40.51	137	179	H
	1.44747	26.09	Av	25.1	-30.6	20.59	54	-33.41	-	-	137	179	H
4	1.61285	38.21	Pk	24.9	-30.5	32.61	54	-21.39	74	-41.39	50	309	V
	1.61285	30.15	Av	24.9	-30.5	24.55	54	-29.45	-	-	50	309	V
5	1.84254	38.19	Pk	26	-30	34.19	54	-19.81	74	-39.81	103	282	V
	1.84254	25.59	Av	26	-30	21.59	54	-32.41	-	-	103	282	V
3	2.40076	38.73	Pk	28.5	-29.4	37.83	54	-16.17	74	-36.17	112	216	H
	2.40076	25.05	Av	28.5	-29.4	24.15	54	-29.85	-	-	112	216	H
6	2.5285	37.48	Pk	29.2	-29.3	37.38	54	-16.62	74	-36.62	124	243	V
	2.5285	25.13	Av	29.2	-29.3	25.03	54	-28.97	-	-	124	243	V

Pk - Peak detector
Av - Average detection

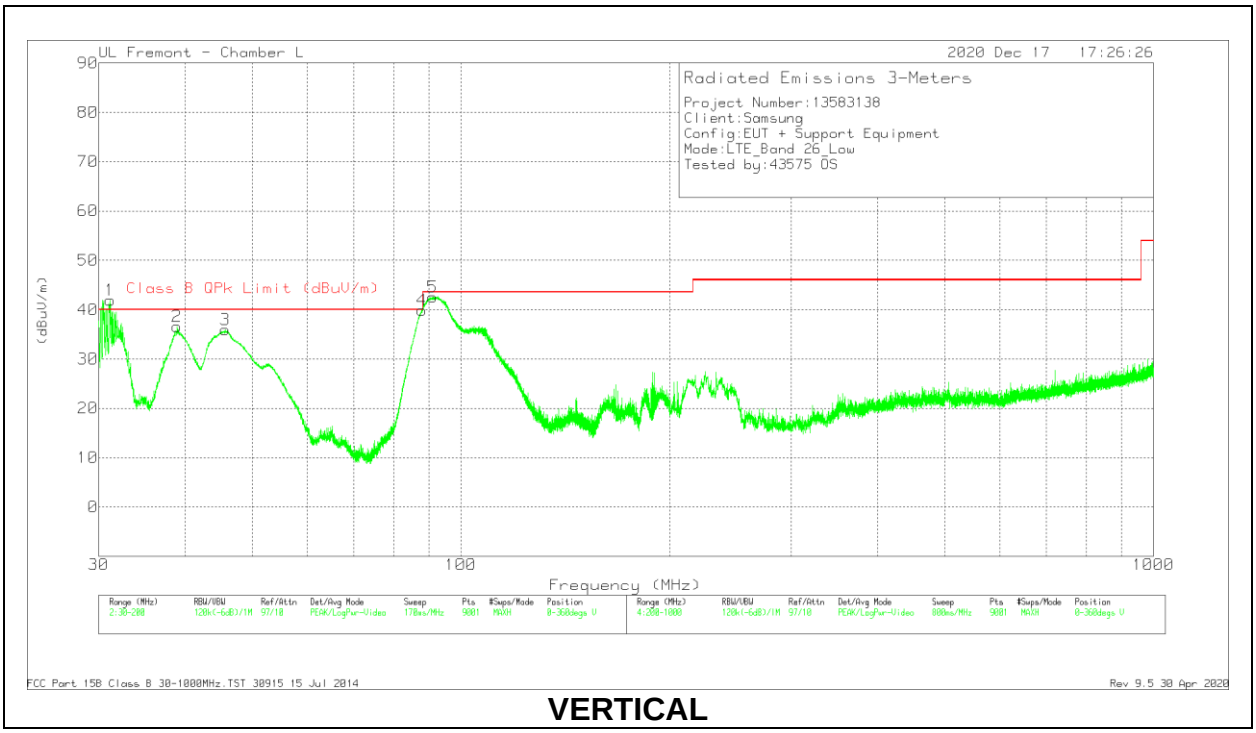
8.4. LTE BAND 26

8.4.1. BELOW 1GHz

LOW CHANNEL



HORIZONTAL



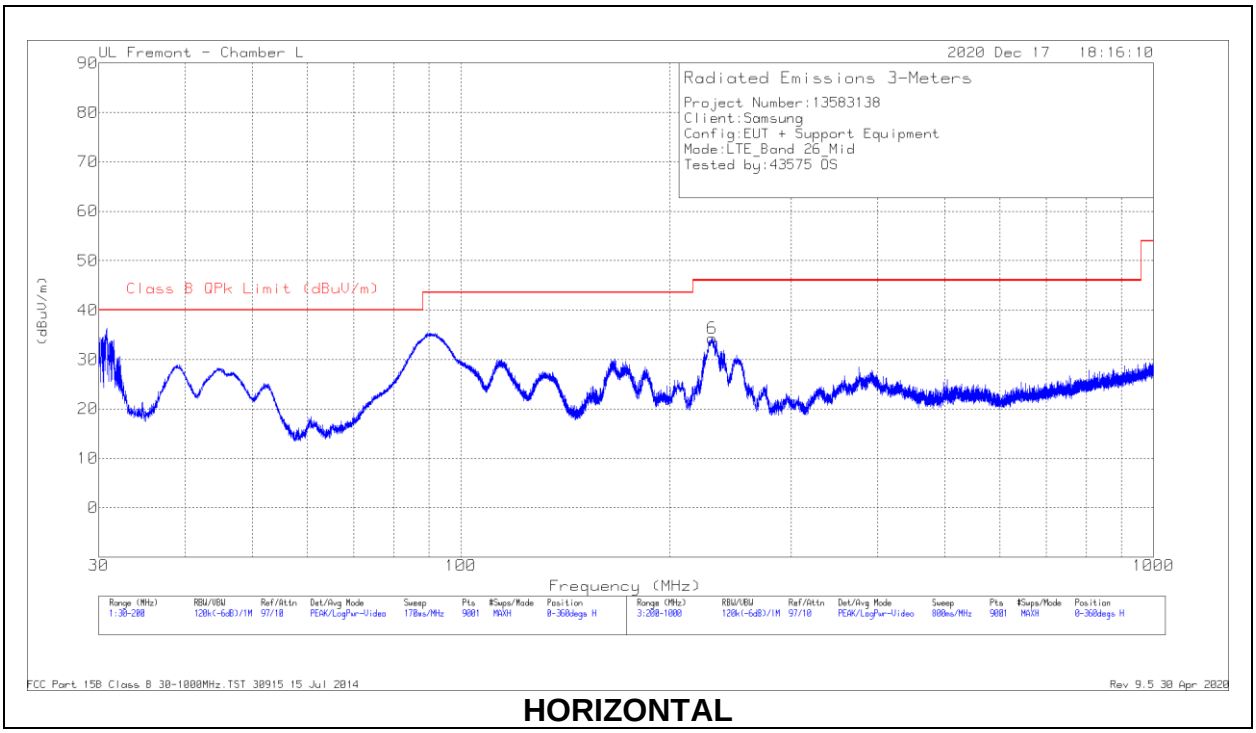
VERTICAL

RADIATED EMISSIONS

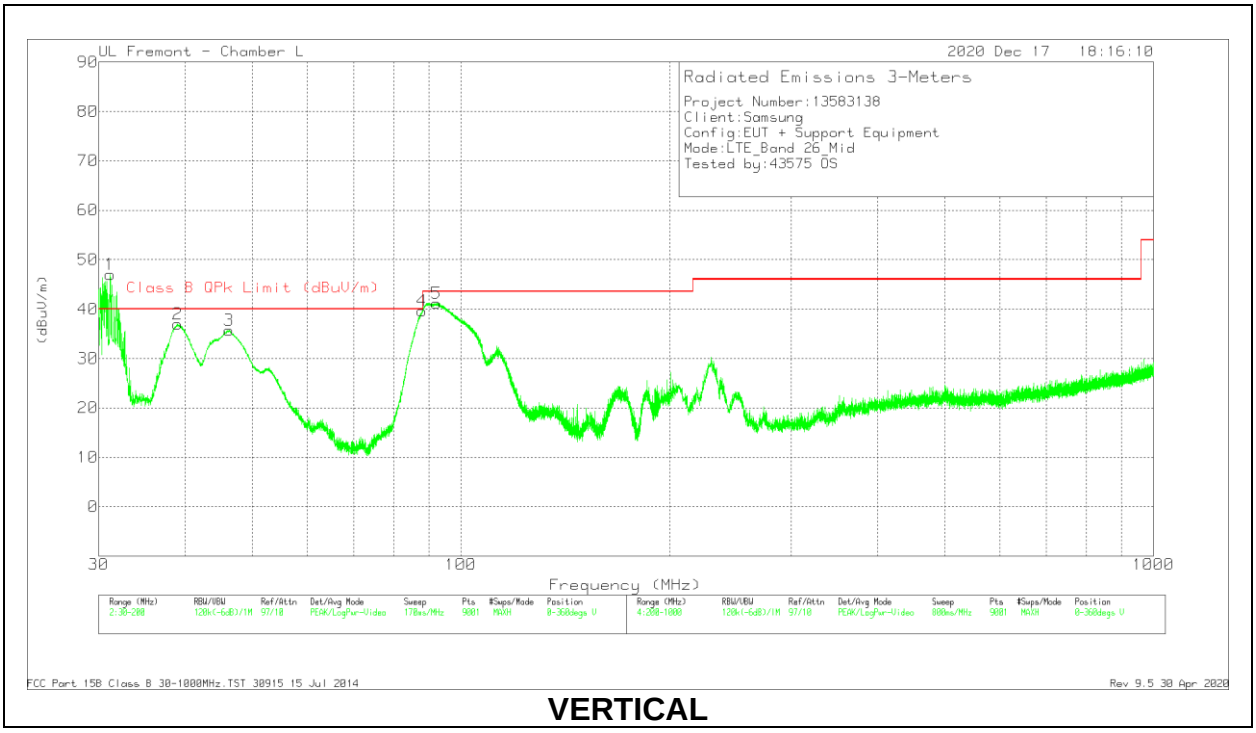
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	31.0747	53.53	Pk	25.9	-31.4	48.03	40	**8.03**	266	105	V
	31.0747	43.88	Qp	25.9	-31.4	38.38	40	-1.62	266	105	V
2	39.1163	47.83	Pk	20.4	-31.3	36.93	40	-3.07	82	104	V
	39.1163	46.09	Qp	20.4	-31.3	35.19	40	-4.81	82	104	V
3	45.9429	51.36	Pk	15.5	-31.2	35.66	40	-4.34	3	103	V
	45.9429	49.97	Qp	15.5	-31.2	34.27	40	-5.73	3	103	V
4	88.2086	58.26	Pk	13.3	-30.9	40.66	43.52	-2.86	80	132	V
	88.2086	56.67	Qp	13.3	-30.9	39.07	43.52	-4.45	80	132	V
5	90.9079	58.56	Pk	13.7	-30.8	41.46	43.52	-2.06	52	104	V
	90.9079	56.9	Qp	13.7	-30.8	39.8	43.52	-3.72	52	104	V
6	226.6223	46.67	Pk	16.8	-30	33.47	46.02	-12.55	0-360	101	H

Pk - Peak detector
Qp - Quasi-Peak detector

MID CHANNEL



HORIZONTAL



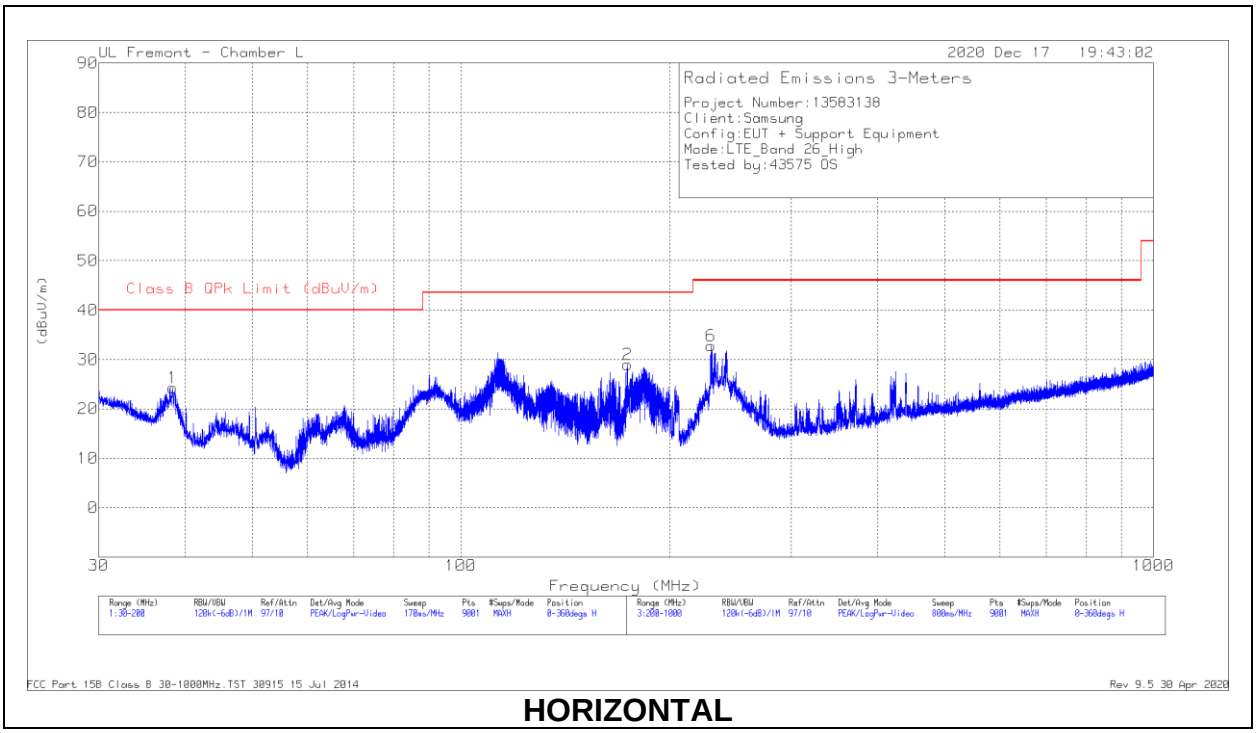
VERTICAL

RADIATED EMISSIONS

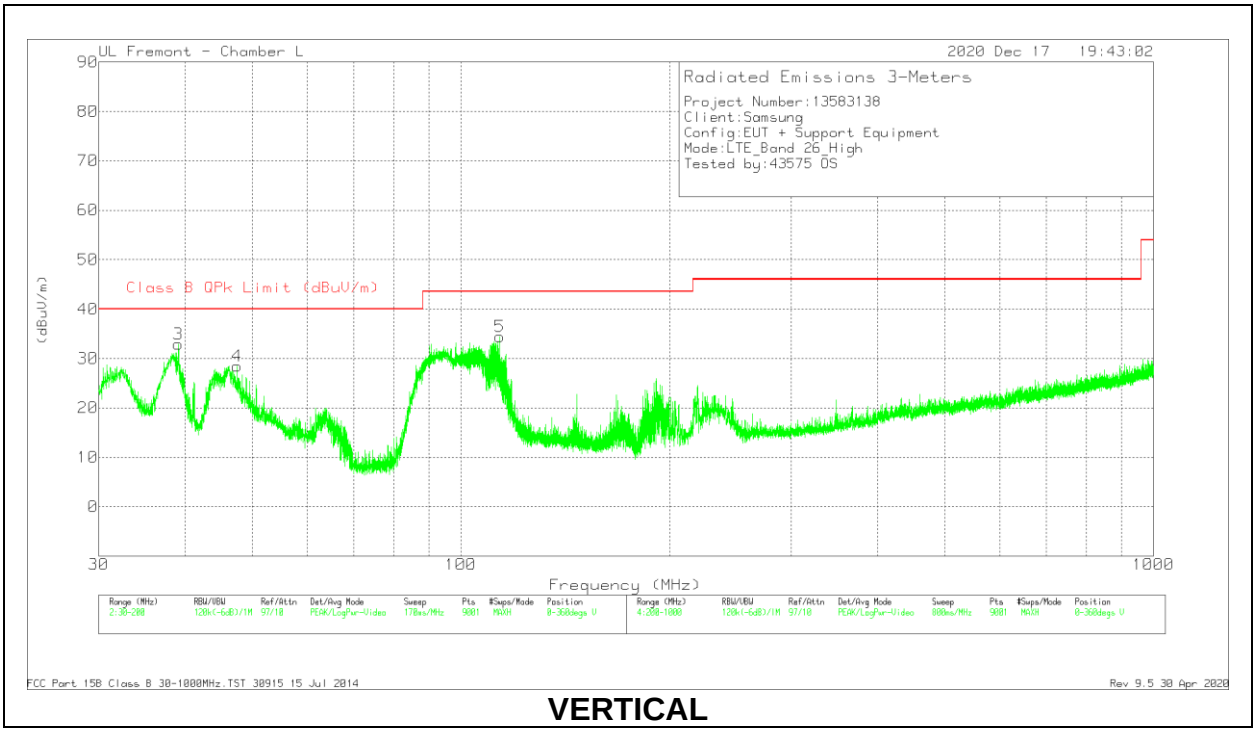
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	31.0114	54.3	Pk	26	-31.4	48.9	40	**8.9**	242	102	V
	31.0114	45.21	Qp	26	-31.4	39.81	40	-.19	242	102	
2	39.0953	48.97	Pk	20.4	-31.3	38.07	40	-1.93	108	108	V
	39.0953	44.94	Qp	20.4	-31.3	34.04	40	-5.96	108	108	
3	46.2396	49.49	Pk	15.4	-31.2	33.69	40	-6.31	0	157	V
	46.2396	45.31	Qp	15.4	-31.2	29.51	40	-10.49	0	157	V
4	87.6776	55.69	Pk	13.3	-30.9	38.09	40	-1.91	109	148	V
	87.6776	44.44	Qp	13.3	-30.9	26.84	40	-13.16	109	148	V
5	92.0521	57.6	Pk	13.9	-30.8	40.7	43.52	-2.82	88	102	V
	92.0521	46.61	Qp	13.9	-30.8	29.71	43.52	-13.81	88	102	V
6	230.4889	47.41	Pk	16.9	-30	34.31	46.02	-11.71	0-360	101	H

Pk - Peak detector
Qp - Quasi-Peak detector

HIGH CHANNEL



HORIZONTAL



VERTICAL

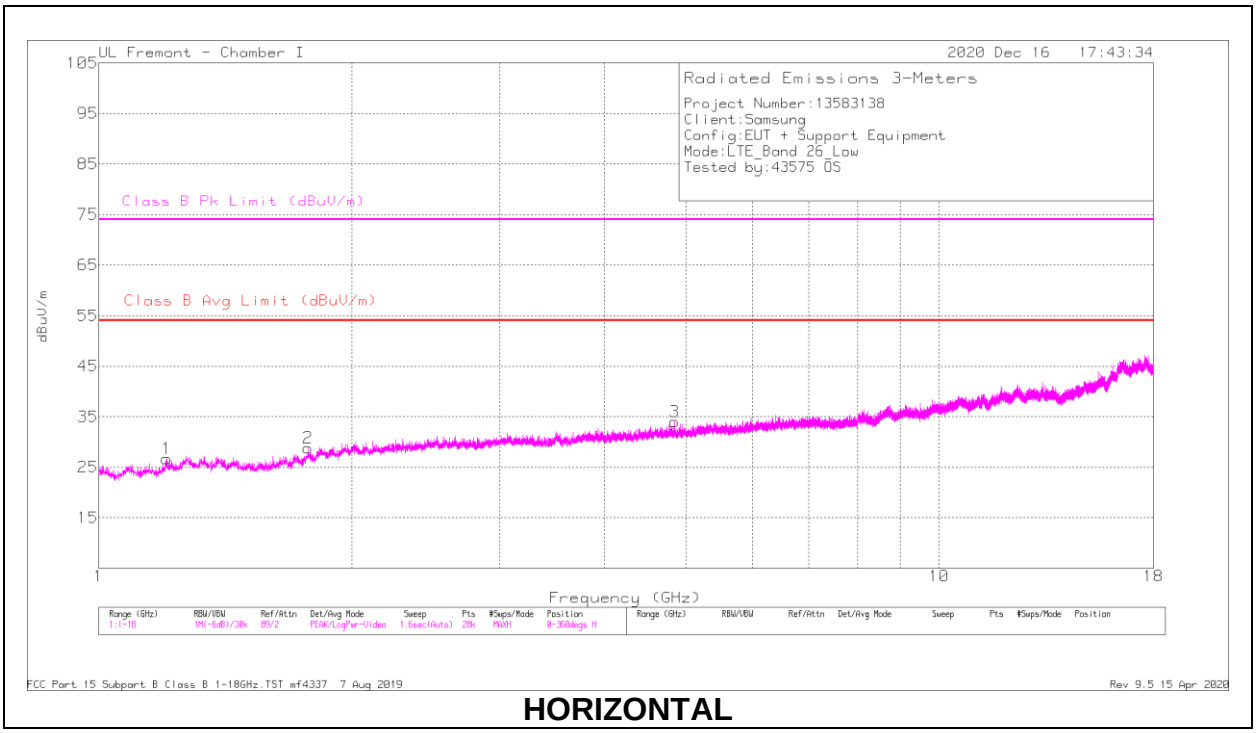
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	38.3489	34.63	Pk	21	-31.3	24.33	40	-15.67	0-360	399	H
2	173.9531	42.07	Pk	17.2	-30.3	28.97	43.52	-14.55	0-360	199	H
3	39.171	37.25	Pk	20.4	-31.3	26.35	40	-13.65	183	335	V
	39.171	28.35	Qp	20.4	-31.3	17.45	40	-22.55	183	335	V
4	47.529	45.08	Pk	14.6	-31.2	28.48	40	-11.52	0-360	101	V
5	113.7538	46.19	Pk	19	-30.7	34.49	43.52	-9.03	0-360	101	V
6	229.7778	45.9	Pk	16.9	-30	32.8	46.02	-13.22	0-360	101	H

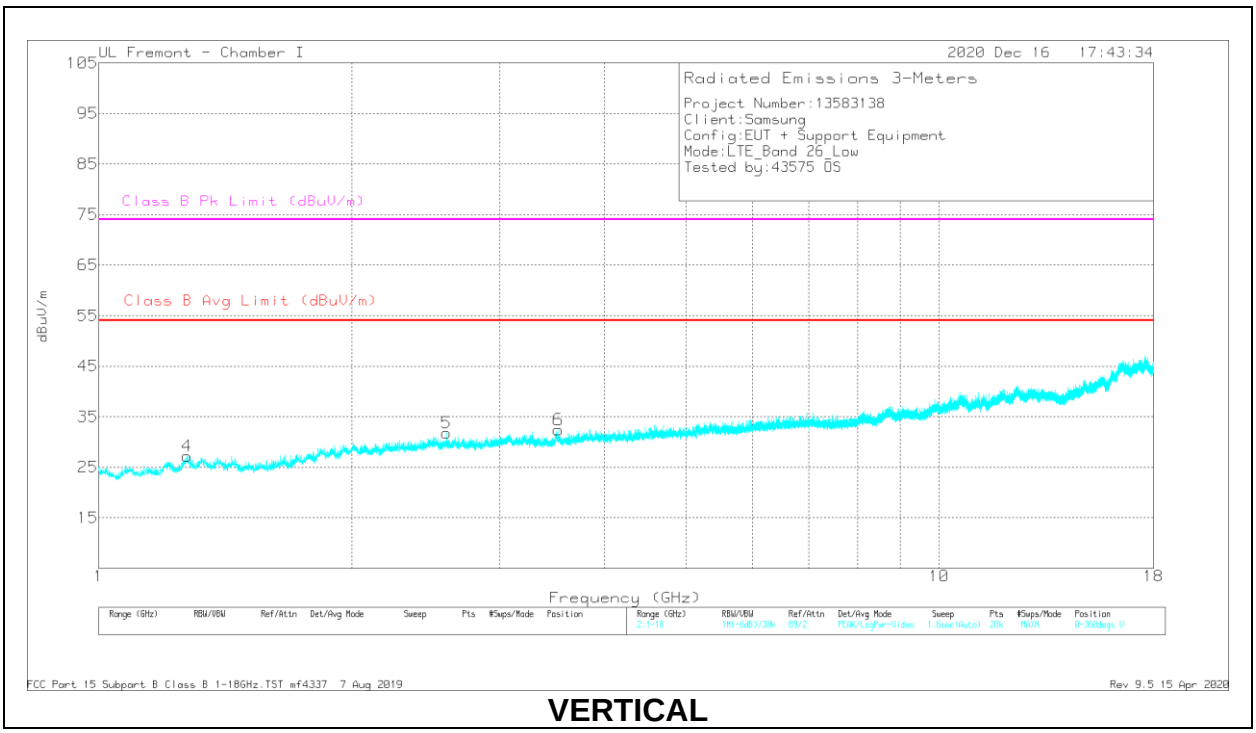
Pk - Peak detector
Qp - Quasi-Peak detector

8.4.2. ABOVE 1GHz

LOW CHANNEL



HORIZONTAL



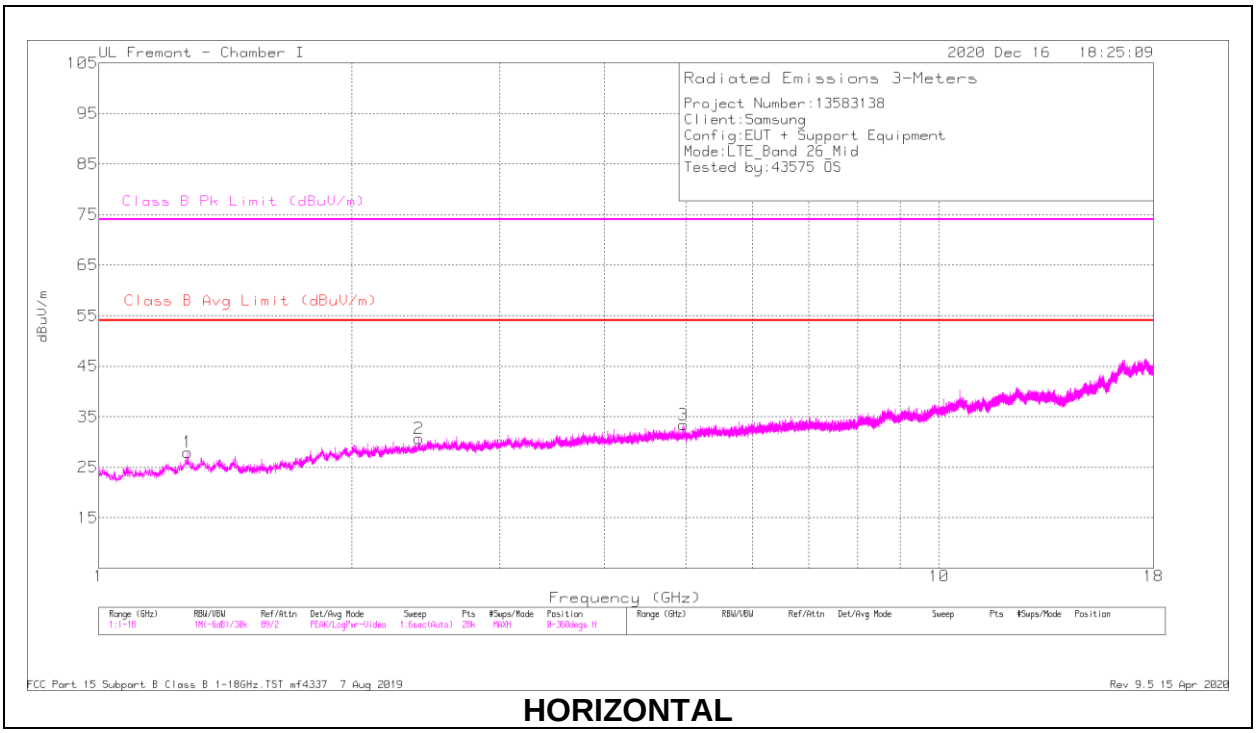
VERTICAL

RADIATED EMISSIONS

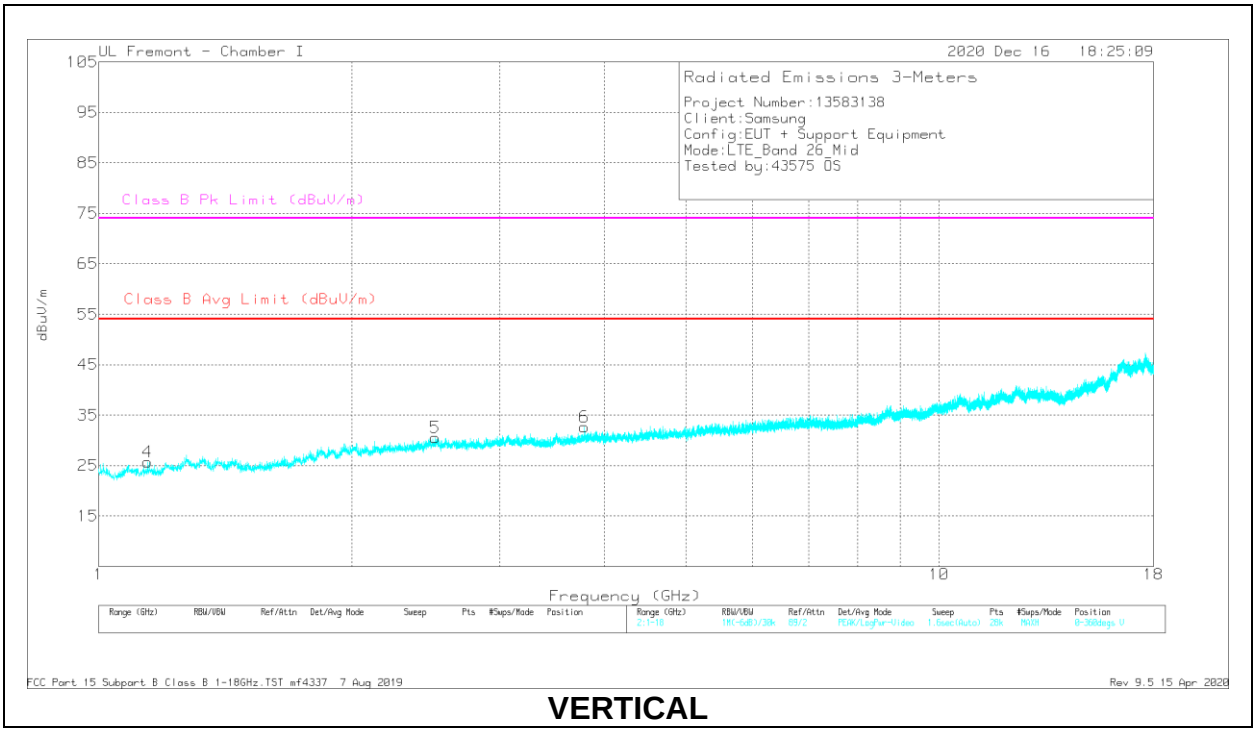
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.20652	39.78	Pk	28	-32.7	35.08	-	-	74	-38.92	260	334	H
	1.20652	26.76	Av	28	-32.7	22.06	54	-31.94	-	-	260	334	H
2	1.77413	39.46	Pk	29.8	-31.7	37.56	-	-	74	-36.44	147	102	H
	1.77413	25.87	Av	29.8	-31.7	23.97	54	-30.03	-	-	147	102	H
3	4.84577	36.17	Pk	34.1	-27.7	42.57	-	-	74	-31.43	124	242	H
	4.84577	22.4	Av	34.1	-27.7	28.8	54	-25.2	-	-	124	242	H
4	1.27528	40.1	Pk	29.2	-32.6	36.7	-	-	74	-37.3	53	142	V
	1.27528	26.55	Av	29.2	-32.6	23.15	54	-30.85	-	-	53	142	V
5	2.59503	37.58	Pk	32.3	-30.3	39.58	-	-	74	-34.42	213	169	V
	2.59503	24.39	Av	32.3	-30.3	26.39	54	-27.61	-	-	213	169	V
6	3.52428	36.63	Pk	33.1	-29.1	40.63	-	-	74	-33.37	75	158	V
	3.52428	23.2	Av	33.1	-29.1	27.2	54	-26.8	-	-	75	158	V

Pk - Peak detector
Avg - Video bandwidth < Resolution bandwidth

MID CHANNEL



HORIZONTAL



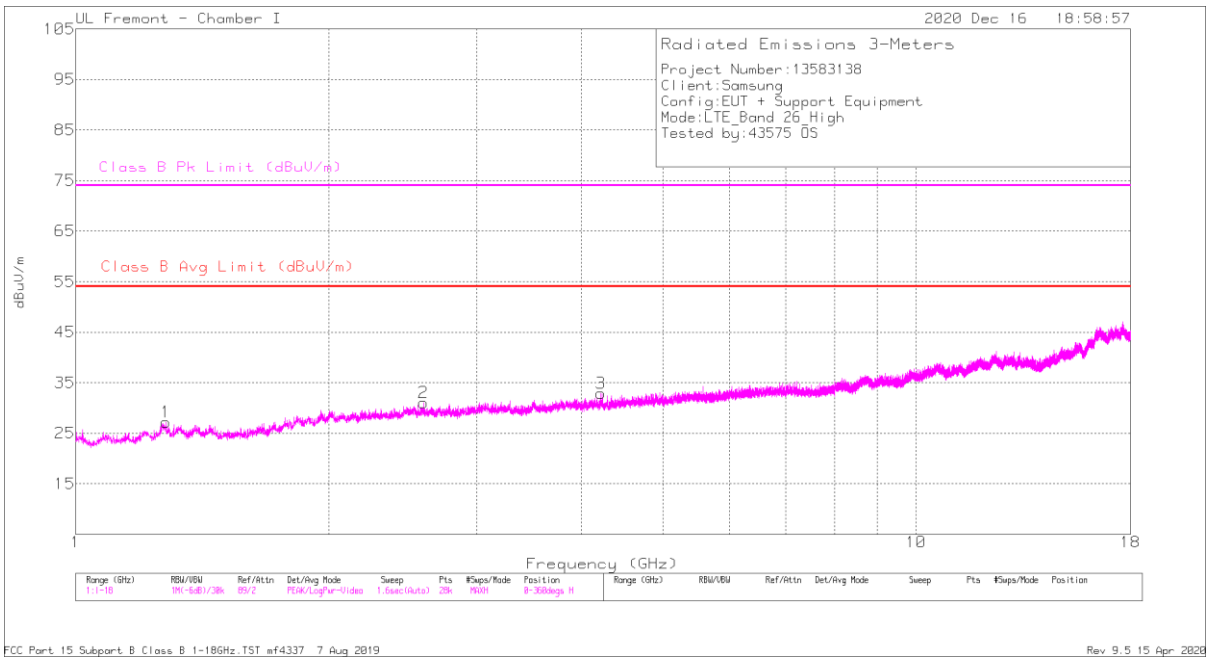
VERTICAL

RADIATED EMISSIONS

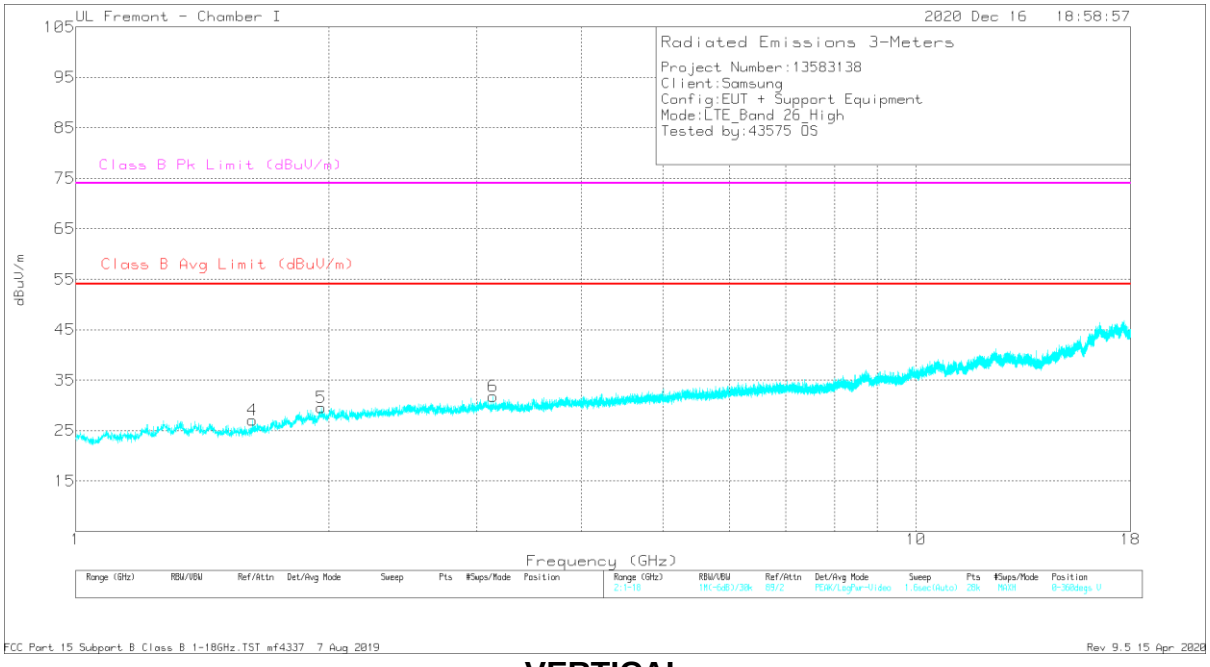
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.27575	39.52	Pk	29.2	-32.6	36.12	-	-	74	-37.88	189	340	H
	1.27575	26.48	Av	29.2	-32.6	23.08	54	-30.92	-	-	189	340	H
2	2.40606	38.34	Pk	32.1	-30.8	39.64	-	-	74	-34.36	0	145	H
	2.40606	24.59	Av	32.1	-30.8	25.89	54	-28.11	-	-	0	145	H
3	4.96463	35.45	Pk	34	-27.7	41.75	-	-	74	-32.25	111	153	H
	4.96463	22.08	Av	34	-27.7	28.38	54	-25.62	-	-	111	153	H
4	1.14198	40.32	Pk	27.1	-32.9	34.52	-	-	74	-39.48	274	159	V
	1.14198	26.78	Av	27.1	-32.9	20.98	54	-33.02	-	-	274	159	V
5	2.51177	37.91	Pk	32.5	-30.5	39.91	-	-	74	-34.09	6	274	V
	2.51177	24.67	Av	32.5	-30.5	26.67	54	-27.33	-	-	6	274	V
6	3.78636	36.76	Pk	33.5	-28.7	41.56	-	-	74	-32.44	133	269	V
	3.78636	23.26	Av	33.5	-28.7	28.06	54	-25.94	-	-	133	269	V

Pk - Peak detector
Av - Average detection

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

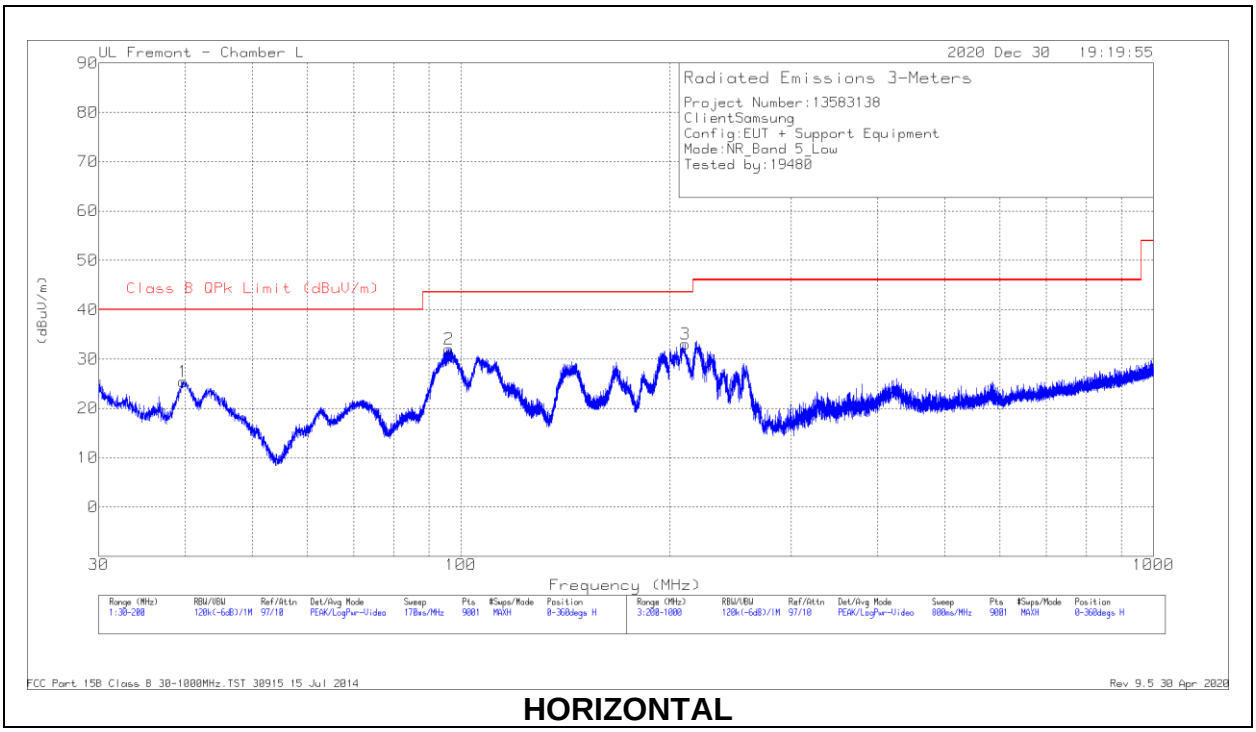
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T346 (dB/m)	Amp/Cbl (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.28003	40.01	Pk	29.3	-32.6	36.71	-	-	74	-37.29	213	312	H
	1.28003	26.18	Av	29.3	-32.6	22.88	54	-31.12	-	-	213	312	H
2	2.59359	37.89	Pk	32.3	-30.3	39.89	-	-	74	-34.11	8	108	H
	2.59359	24.22	Av	32.3	-30.3	26.22	54	-27.78	-	-	8	108	H
3	4.21851	36.07	Pk	33.7	-28.4	41.37	-	-	74	-32.63	36	357	H
	4.21851	22.64	Av	33.7	-28.4	27.94	54	-26.06	-	-	36	357	H
4	1.62347	39	Pk	28.4	-31.9	35.5	-	-	74	-38.5	273	101	V
	1.62347	25.46	Av	28.4	-31.9	21.96	54	-32.04	-	-	273	101	V
5	1.96084	38.29	Pk	31.2	-31.3	38.19	-	-	74	-35.81	360	137	V
	1.96084	25.19	Av	31.2	-31.3	25.09	54	-28.91	-	-	360	137	V
6	3.13786	36.5	Pk	32.8	-29.6	39.7	-	-	74	-34.3	169	244	V
	3.13786	23.39	Av	32.8	-29.6	26.59	54	-27.41	-	-	169	244	V

Pk - Peak detector
Av - Average detection

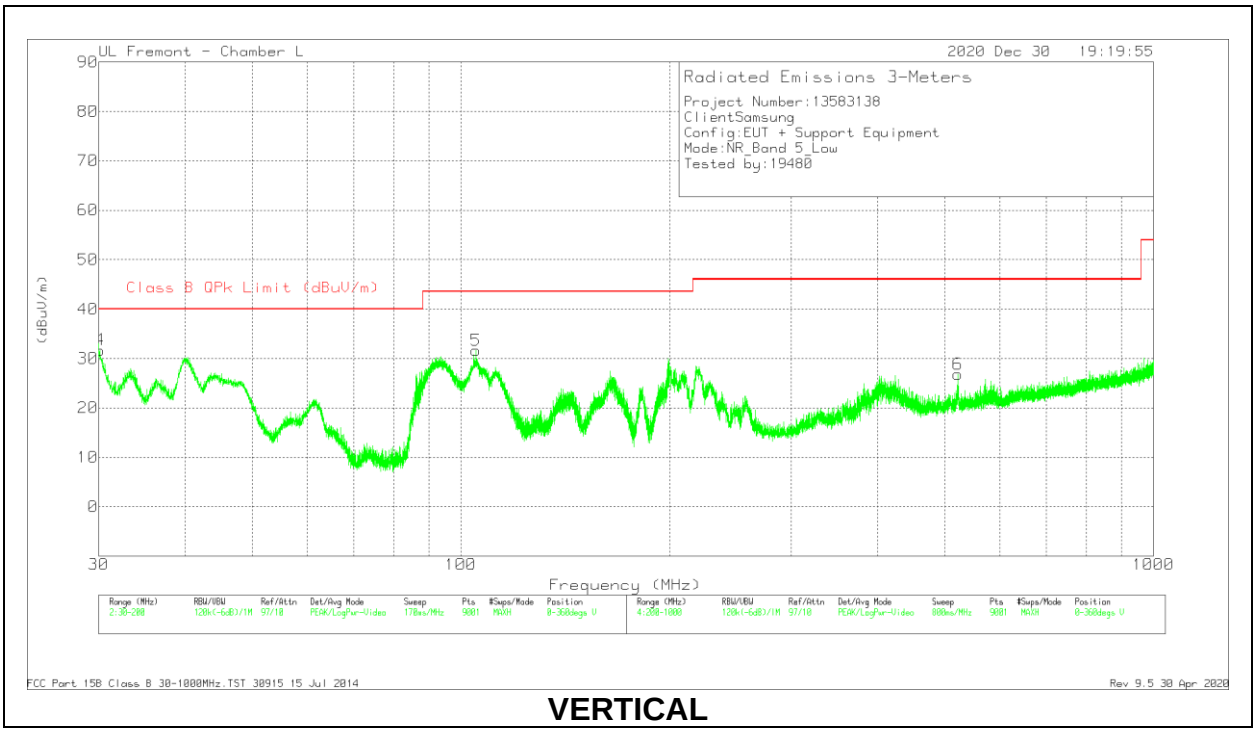
8.5. 5G NR BAND n5

8.5.1. BELOW 1GHz

LOW CHANNEL



HORIZONTAL



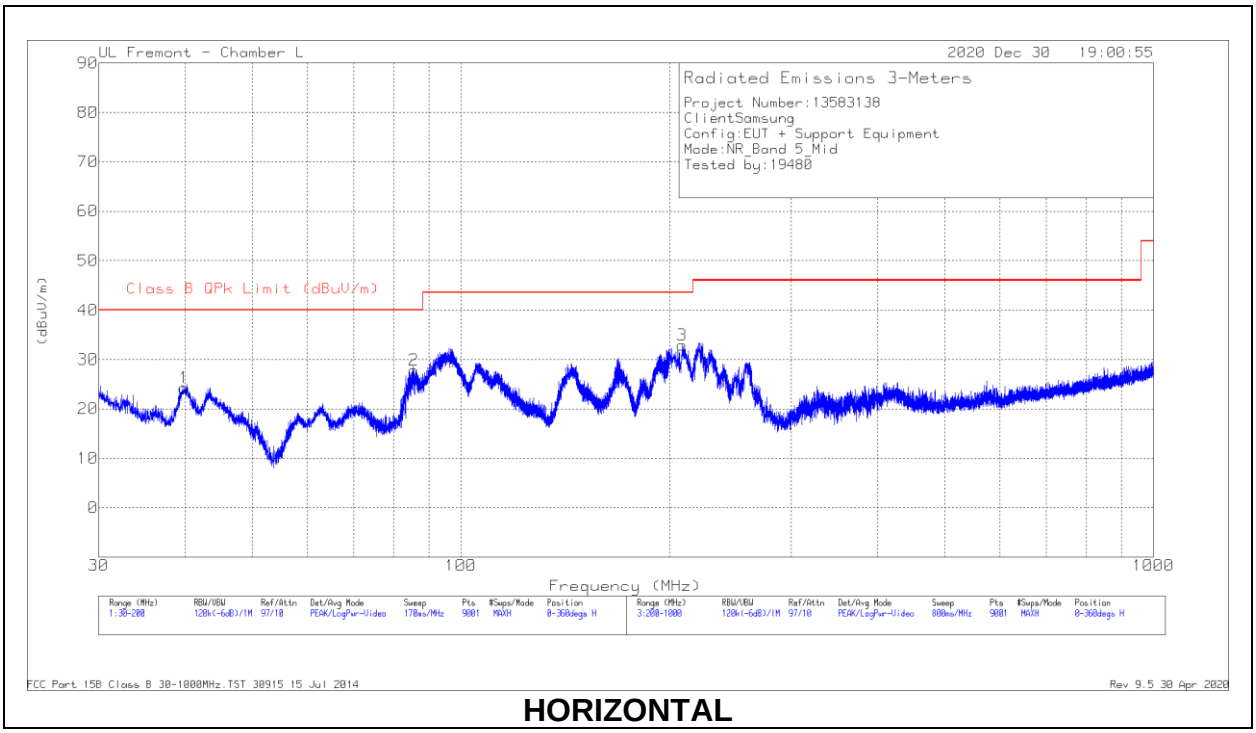
VERTICAL

RADIATED EMISSIONS

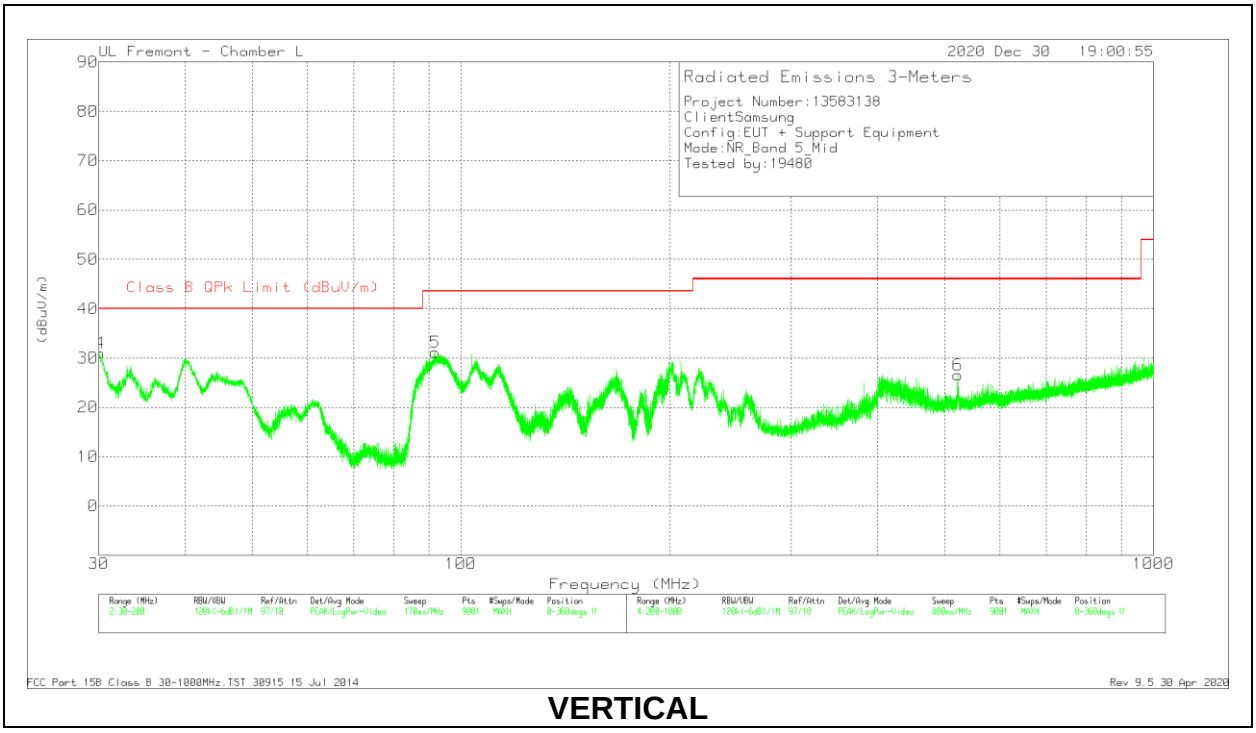
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	39.7278	36.77	Pk	20	-31.3	25.47	40	-14.53	0-360	399	H
2	96.0359	47.93	Pk	14.9	-30.8	32.03	43.52	-11.49	0-360	199	H
4	30.0492	37.54	Pk	26.7	-31.4	32.84	40	-7.16	19	115	V
	30.0492	32.7	Qp	26.7	-31.4	28	40	-12	19	115	V
5	105.1593	44.99	Pk	17.4	-30.7	31.69	43.52	-11.83	0-360	101	V
3	210.7556	46.89	Pk	16.2	-30	33.09	43.52	-10.43	0-360	101	H
6	522.0448	32.18	Pk	23.6	-29	26.78	46.02	-19.24	0-360	101	V

Pk - Peak detector
Qp - Quasi-Peak detector

MID CHANNEL



HORIZONTAL



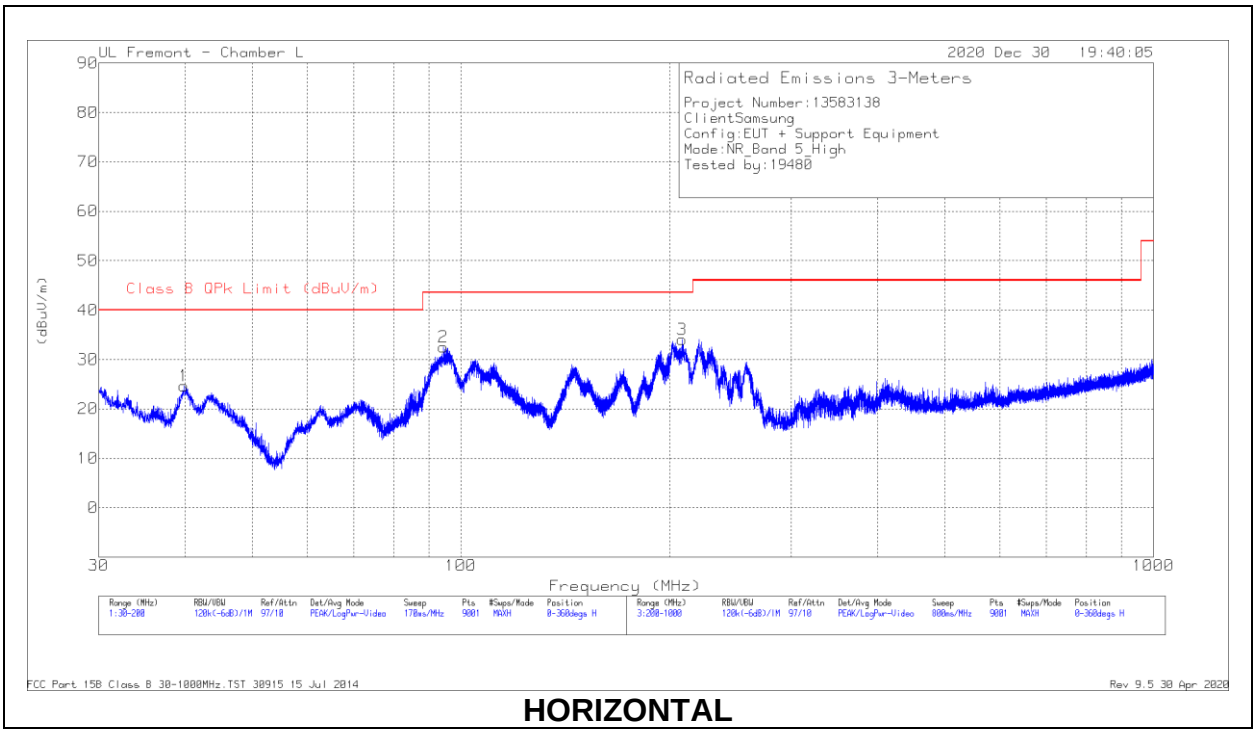
VERTICAL

RADIATED EMISSIONS

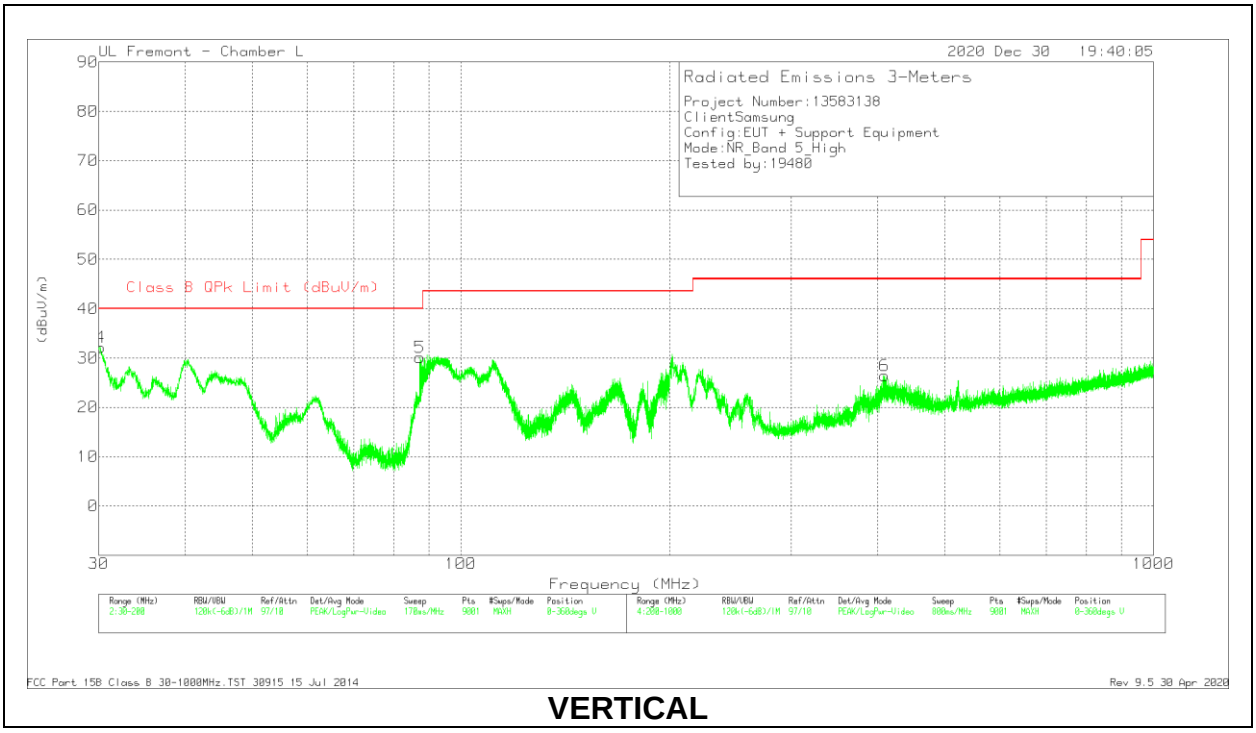
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	39.8601	35.68	Pk	19.9	-31.3	24.28	40	-15.72	0-360	399	H
2	85.4959	45.53	Pk	13.2	-30.9	27.83	40	-12.17	0-360	399	H
4	30.0389	37.2	Pk	26.7	-31.4	32.5	40	-7.5	10	103	V
	30.0389	33.02	Qp	26.7	-31.4	28.32	40	-11.68	10	103	V
5	91.8804	48.03	Pk	13.9	-30.8	31.13	43.52	-12.39	0-360	101	V
3	208.8889	46.77	Pk	16.2	-30.1	32.87	43.52	-10.65	0-360	101	H
6	522.2226	31.92	Pk	23.6	-29	26.52	46.02	-19.5	0-360	101	V

Pk - Peak detector
Qp - Quasi-Peak detector

HIGH CHANNEL



HORIZONTAL



VERTICAL

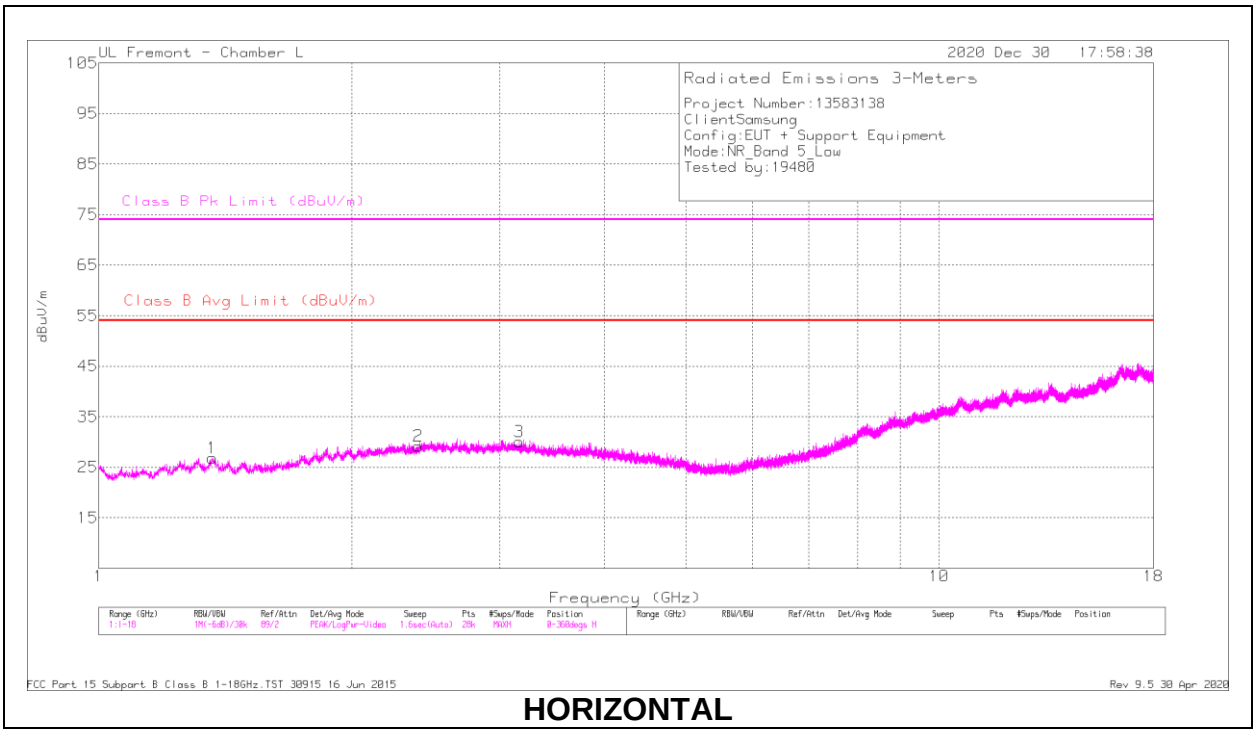
RADIATED EMISSIONS

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184971 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	39.8034	36.05	Pk	19.9	-31.3	24.65	40	-15.35	0-360	399	H
2	94.3359	48.87	Pk	14.5	-30.8	32.57	43.52	-10.95	0-360	199	H
4	30.0034	38.36	Pk	26.7	-31.4	33.66	40	-6.34	80	104	V
	30.0034	34.23	Qp	26.7	-31.4	29.53	40	-10.47	80	104	V
5	87.2526	47.74	Pk	13.3	-30.9	30.14	40	-9.86	0-360	101	V
3	208.6222	47.96	Pk	16.2	-30.1	34.06	43.52	-9.46	0-360	101	H
6	408.8003	33.67	Pk	21.9	-29.1	26.47	46.02	-19.55	0-360	101	V

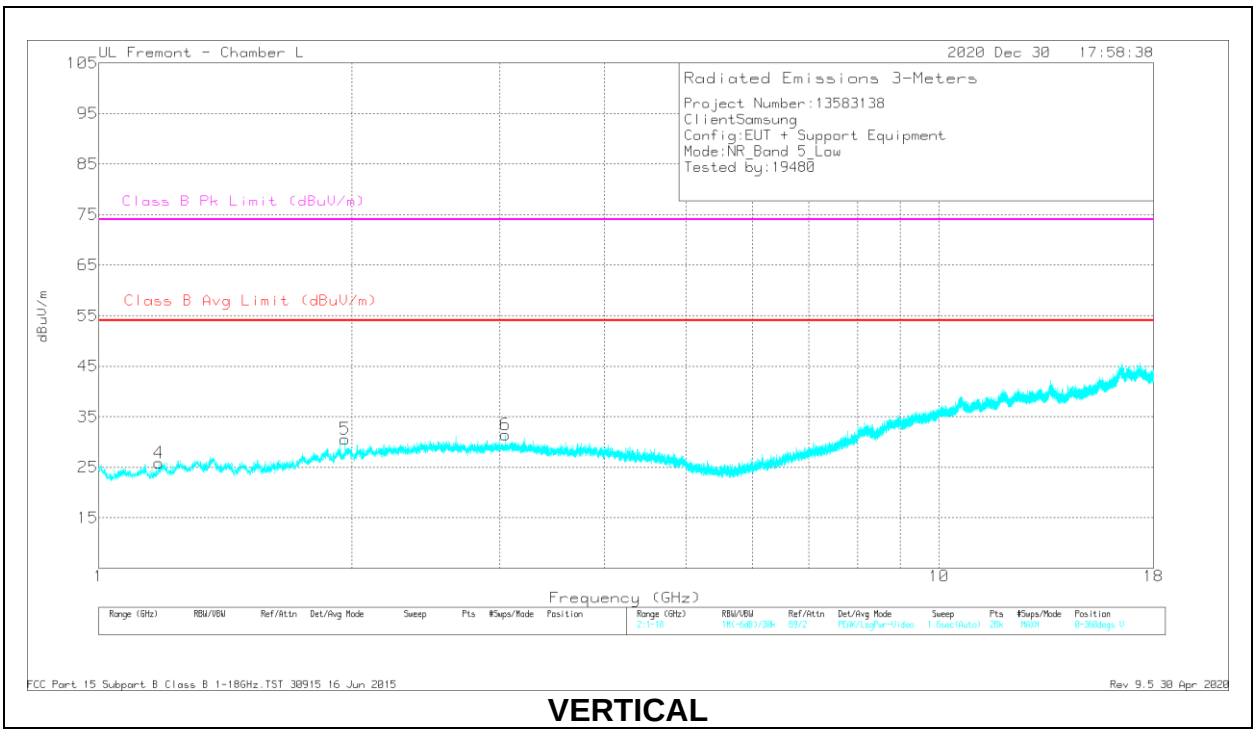
Pk - Peak detector
Qp - Quasi-Peak detector

8.5.2. ABOVE 1GHz

LOW CHANNEL



HORIZONTAL



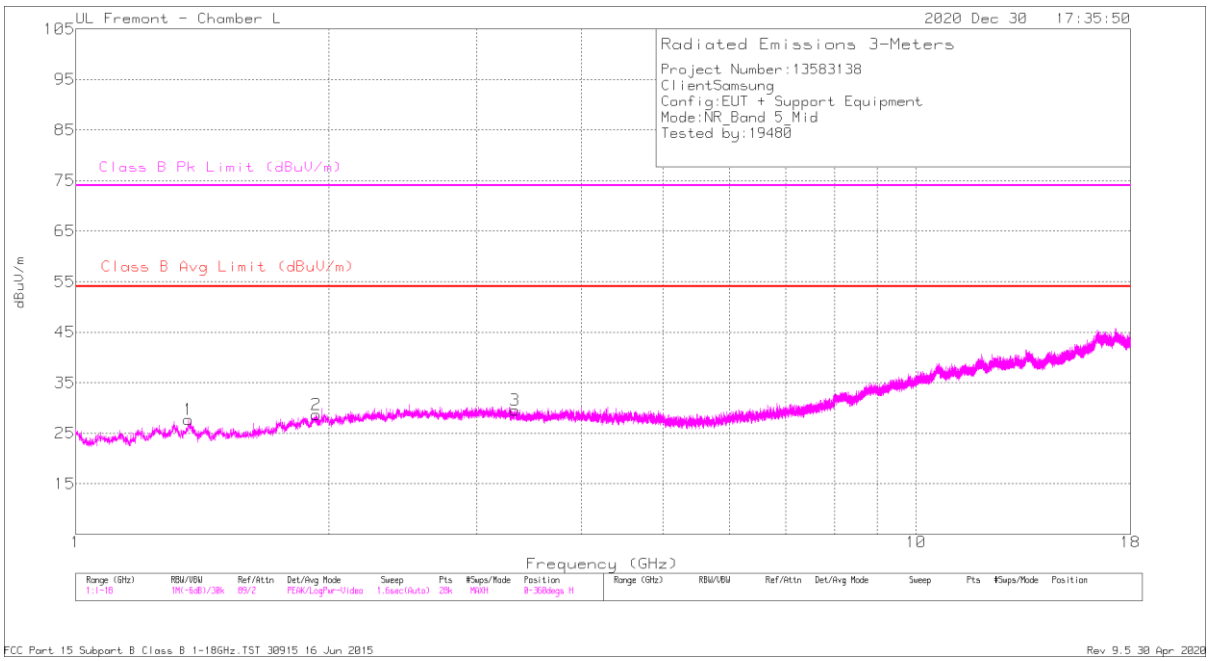
VERTICAL

RADIATED EMISSIONS

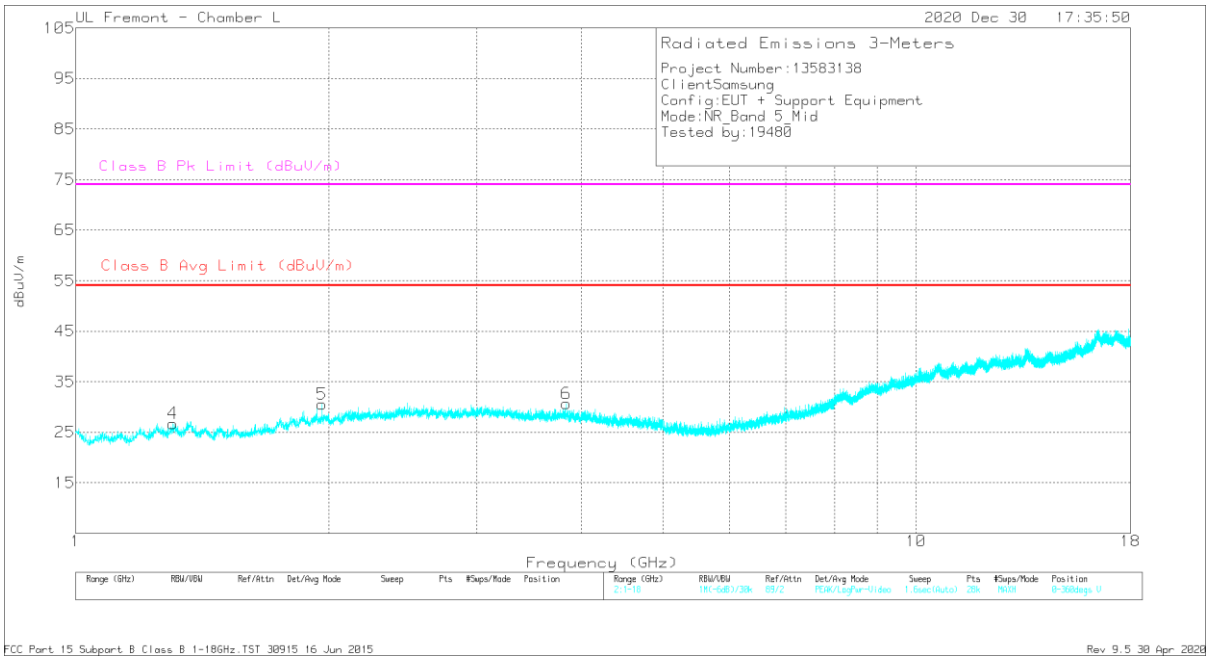
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.36527	41.15	Pk	29.4	-33.4	37.15	54	-16.85	74	-36.85	291	123	H
	1.36527	27.55	Av	29.4	-33.4	23.55	54	-30.45	-	-	291	123	H
2	2.40414	38.4	Pk	31.9	-30.9	39.4	54	-14.6	74	-34.6	129	108	H
	2.40414	24.99	Av	31.9	-30.9	25.99	54	-28.01	-	-	129	108	H
3	3.16915	36.17	Pk	32.7	-29.8	39.07	54	-14.93	74	-34.93	304	232	H
	3.16915	22.84	Av	32.7	-29.8	25.74	54	-28.26	-	-	304	232	H
4	1.17925	40.63	Pk	27.8	-33.9	34.53	54	-19.47	74	-39.47	30	101	V
	1.17925	27.57	Av	27.8	-33.9	21.47	54	-32.53	-	-	30	101	V
5	1.96603	39.29	Pk	31	-31.9	38.39	54	-15.61	74	-35.61	127	398	V
	1.96603	25.99	Av	31	-31.9	25.09	54	-28.91	-	-	127	398	V
6	3.04878	35.63	Pk	32.9	-29.9	38.63	54	-15.37	74	-35.37	74	313	V
	3.04878	22.45	Av	32.9	-29.9	25.45	54	-28.55	-	-	74	313	V

Pk - Peak detector
Avg - Video bandwidth < Resolution bandwidth

MID CHANNEL



HORIZONTAL



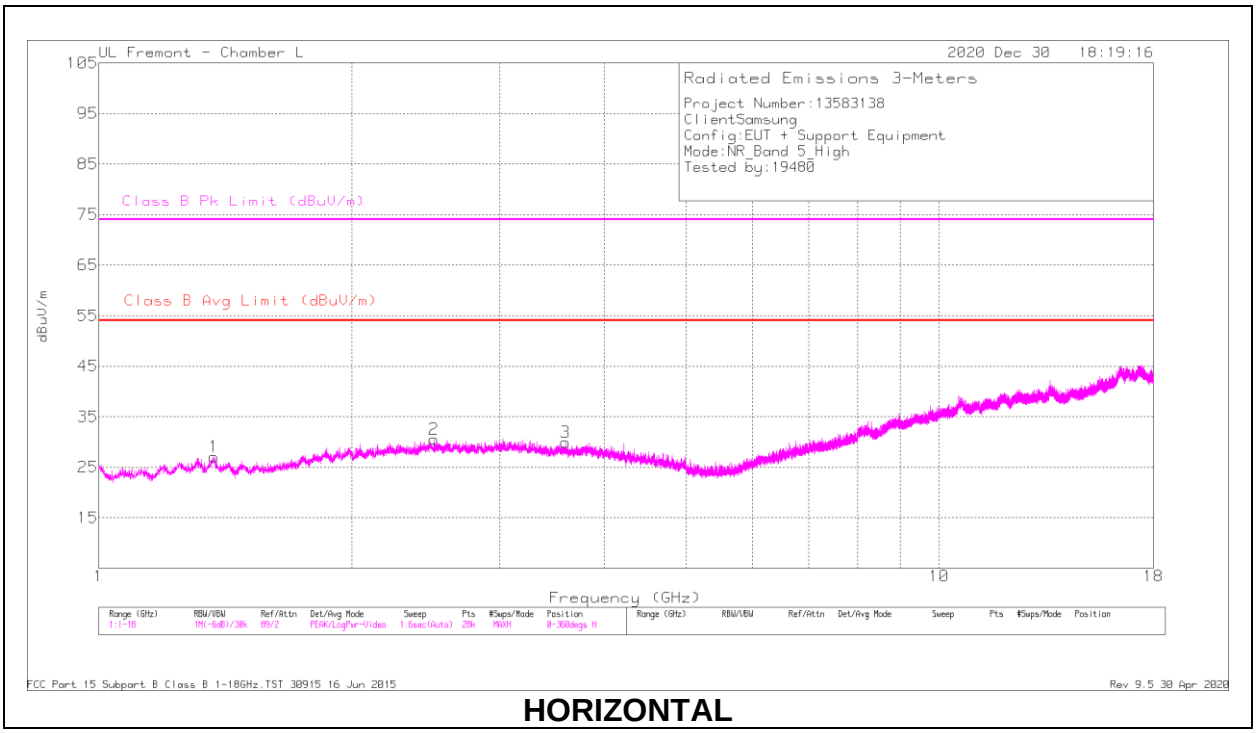
VERTICAL

RADIATED EMISSIONS

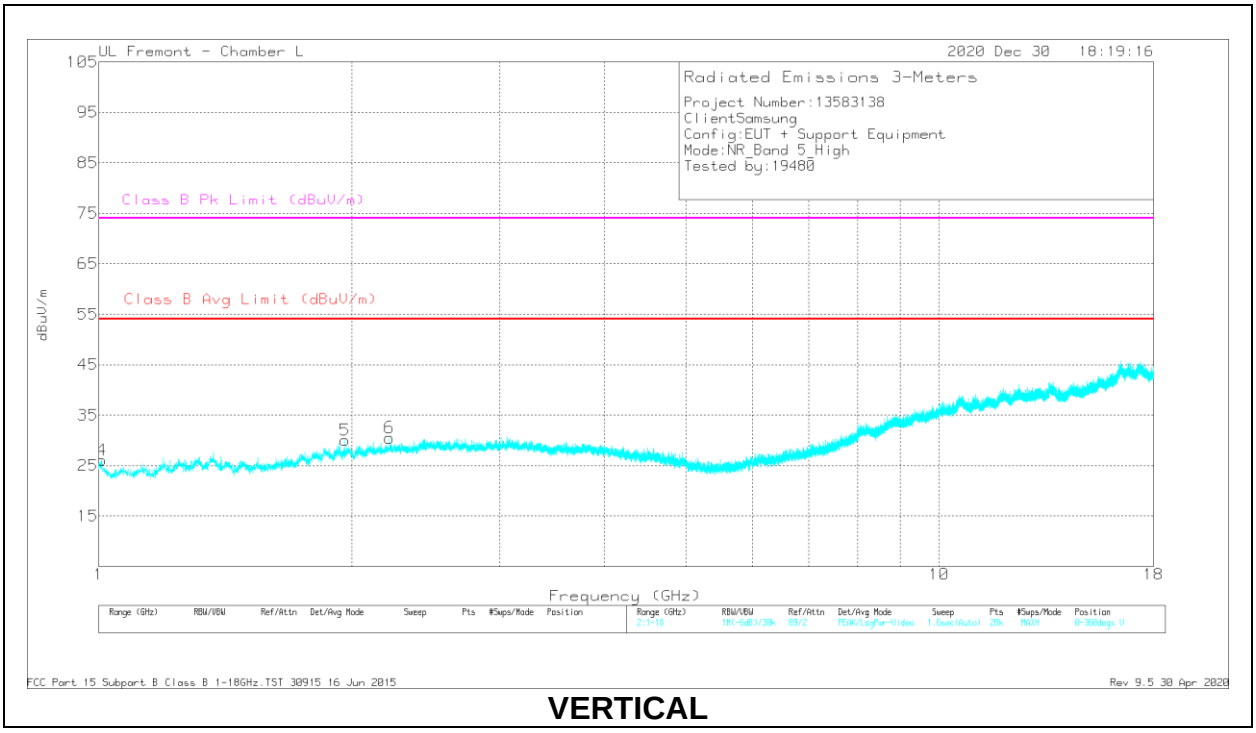
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.36178	40.35	Pk	29.3	-33.4	36.25	54	-17.75	74	-37.75	163	243	H
	1.36178	27.18	Av	29.3	-33.4	23.08	54	-30.92	-	-	163	243	H
2	1.934	38.72	Pk	30.6	-32	37.32	54	-16.68	74	-36.68	298	187	H
	1.934	26.15	Av	30.6	-32	24.75	54	-29.25	-	-	298	187	H
3	3.33018	35.72	Pk	32.8	-29.6	38.92	54	-15.08	74	-35.08	43	102	H
	3.33018	22.49	Av	32.8	-29.6	25.69	54	-28.31	-	-	43	102	H
4	1.30631	41.11	Pk	28.8	-33.5	36.41	54	-17.59	74	-37.59	317	123	V
	1.30631	27.58	Av	28.8	-33.5	22.88	54	-31.12	-	-	317	123	V
5	1.96476	38.83	Pk	31	-31.9	37.93	54	-16.07	74	-36.07	241	398	V
	1.96476	25.96	Av	31	-31.9	25.06	54	-28.94	-	-	241	398	V
6	3.83321	33.36	Pk	33.6	-28.7	38.26	54	-15.74	74	-35.74	178	199	V
	3.83321	19.65	Av	33.6	-28.7	24.55	54	-29.45	-	-	178	199	V

Pk - Peak detector
Av - Average detection

HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF 344 (dB/m)	Amp/Cbl/Fltr/Pad (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	2.50683	37.36	Pk	32.4	-30.8	38.96	54	-15.04	74	-35.04	0	359	H
	2.50683	24.15	Av	32.4	-30.8	25.75	54	-28.25	-	-	0	359	H
1	1.37128	40.38	Pk	29.3	-33.4	36.28	54	-17.72	74	-37.72	117	196	H
	1.37128	27.32	Av	29.3	-33.4	23.22	54	-30.78	-	-	117	196	H
3	3.59501	35.68	Pk	33.1	-29.1	39.68	54	-14.32	74	-34.32	165	328	H
	3.59501	21.86	Av	33.1	-29.1	25.86	54	-28.14	-	-	165	328	H
4	1.00919	41.3	Pk	27.9	-34.4	34.8	54	-19.2	74	-39.2	179	306	V
	1.00919	27.93	Av	27.9	-34.4	21.43	54	-32.57	-	-	179	306	V
5	1.96234	38.43	Pk	31	-31.9	37.53	54	-16.47	74	-36.47	225	285	V
	1.96234	25.04	Av	31	-31.9	24.14	54	-29.86	-	-	225	285	V
6	2.21698	38.44	Pk	31.7	-31.3	38.84	54	-15.16	74	-35.16	341	145	V
	2.21698	25.16	Av	31.7	-31.3	25.56	54	-28.44	-	-	341	145	V

Pk - Peak detector
Av - Average detection