

9. RADIATED TEST RESULTS

9.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.205 and §15.209

RSS-GEN, Section 8.9 and 8.10.

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
0.009-0.490	2400/F(kHz) @ 300 m	-
0.490-1.705	24000/F(kHz) @ 30 m	-
1.705 - 30	30 @ 30m	-
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

TEST PROCEDURE

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz. The antenna to EUT distance is 3 meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For pre-scans above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 30 KHz for peak measurements.

For final measurements above 1 GHz the resolution bandwidth is set to 1 MHz; the video bandwidth is set to 3 MHz for peak measurements and as applicable for average measurements.

The spectrum from 1 GHz to 18 GHz is investigated with the transmitter set to the lowest, middle, and highest channels in each applicable band. Below 1GHz and above 18GHz emissions, the channel with the highest output power was tested.

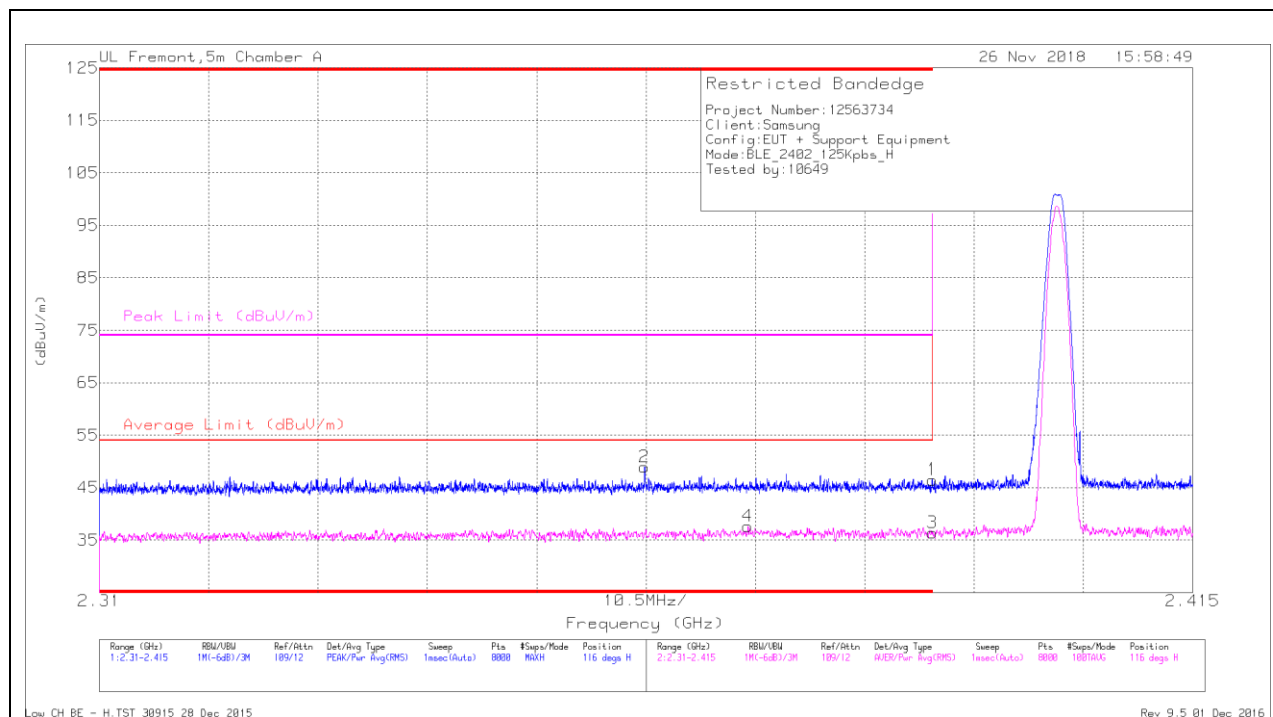
The frequency range of interest is monitored at a fixed antenna height and EUT azimuth. The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions.

9.2. TRANSMITTER ABOVE 1 GHz

9.2.1. BLE (125kbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	37.7	Pk	31.8	-23	0	46.5	-	-	74	-27.5	116	104	H
2	* 2.362	40.37	Pk	31.6	-23	0	48.97	-	-	74	-25.03	116	104	H
3	* 2.39	26.75	RMS	31.8	-23	.82	36.37	54	-17.63	-	-	116	104	H
4	* 2.372	28.09	RMS	31.7	-23	.82	37.61	54	-16.39	-	-	116	104	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.368	39.26	Pk	31.7	-23	0	47.96	-	-	74	-26.04	186	103	V
4	* 2.382	27.86	RMS	31.7	-23	.82	37.38	54	-16.62	-	-	186	103	V
1	* 2.39	36.06	Pk	31.8	-23	0	44.86	-	-	74	-29.14	186	103	V
3	* 2.39	26.62	RMS	31.8	-23	.82	36.24	54	-17.76	-	-	186	103	V

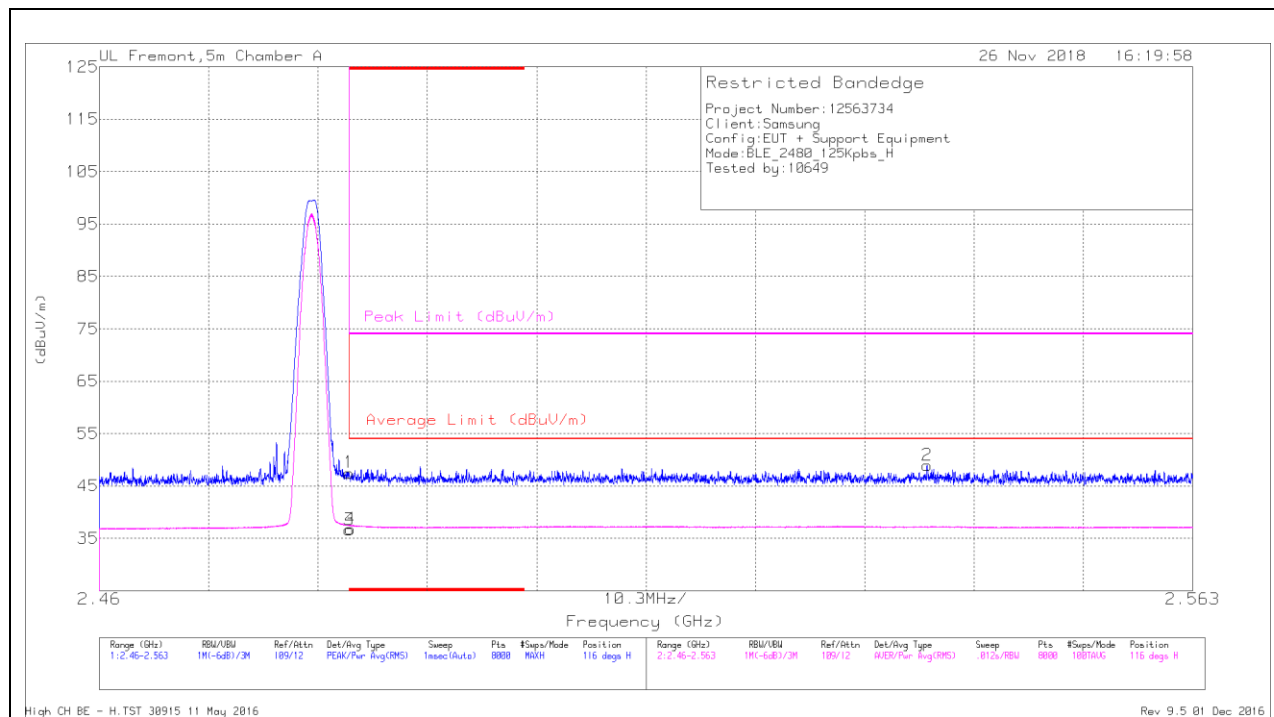
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

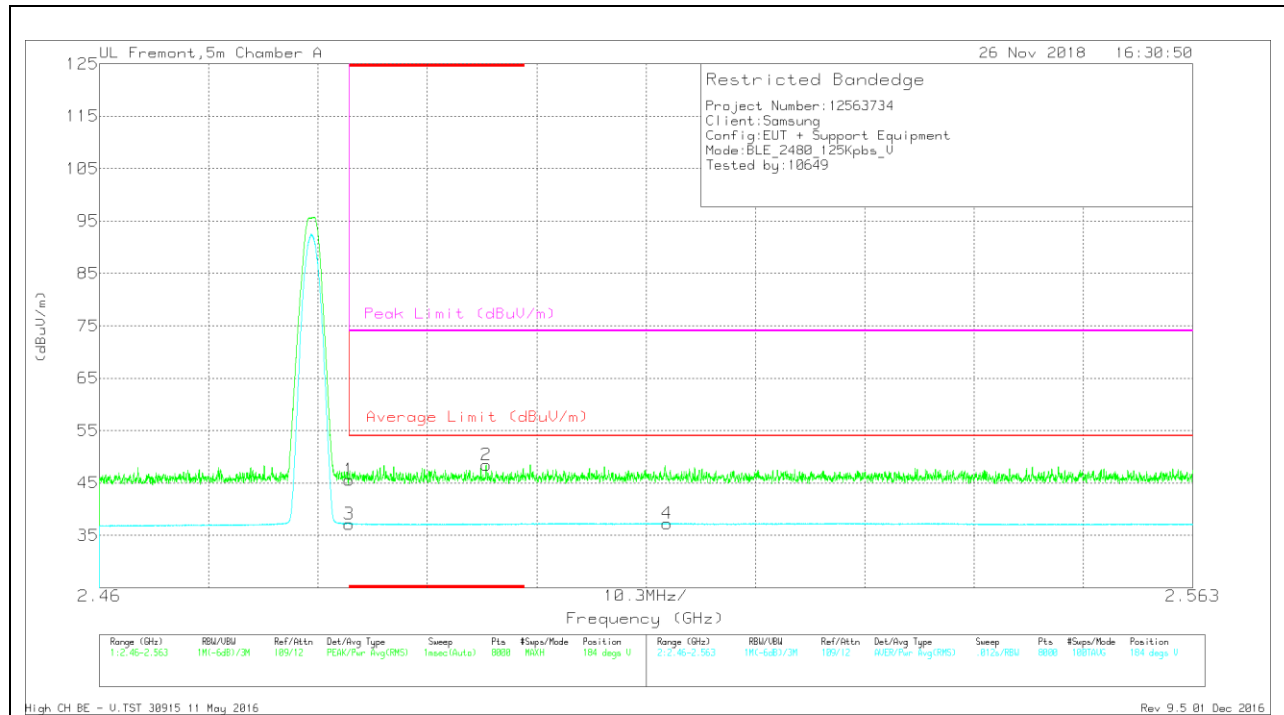
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	38.1	Pk	32.3	-22.9	0	47.5	-	-	74	-26.5	116	149	H
3	* 2.484	27.26	RMS	32.3	-22.9	.82	37.48	54	-16.52	-	-	116	149	H
4	* 2.484	27.32	RMS	32.3	-22.9	.82	37.54	54	-16.46	-	-	116	149	H
2	2.538	39.38	Pk	32.4	-22.8	0	48.98	-	-	74	-25.02	116	149	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T345 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.19	Pk	32.3	-22.9	0	45.59	-	-	74	-28.41	184	114	V
3	* 2.484	26.95	RMS	32.3	-22.9	.82	37.17	54	-16.83	-	-	184	114	V
2	* 2.496	38.96	Pk	32.4	-22.9	0	48.46	-	-	74	-25.54	184	114	V
4	2.513	26.87	RMS	32.4	-22.8	.82	37.29	54	-16.71	-	-	184	114	V

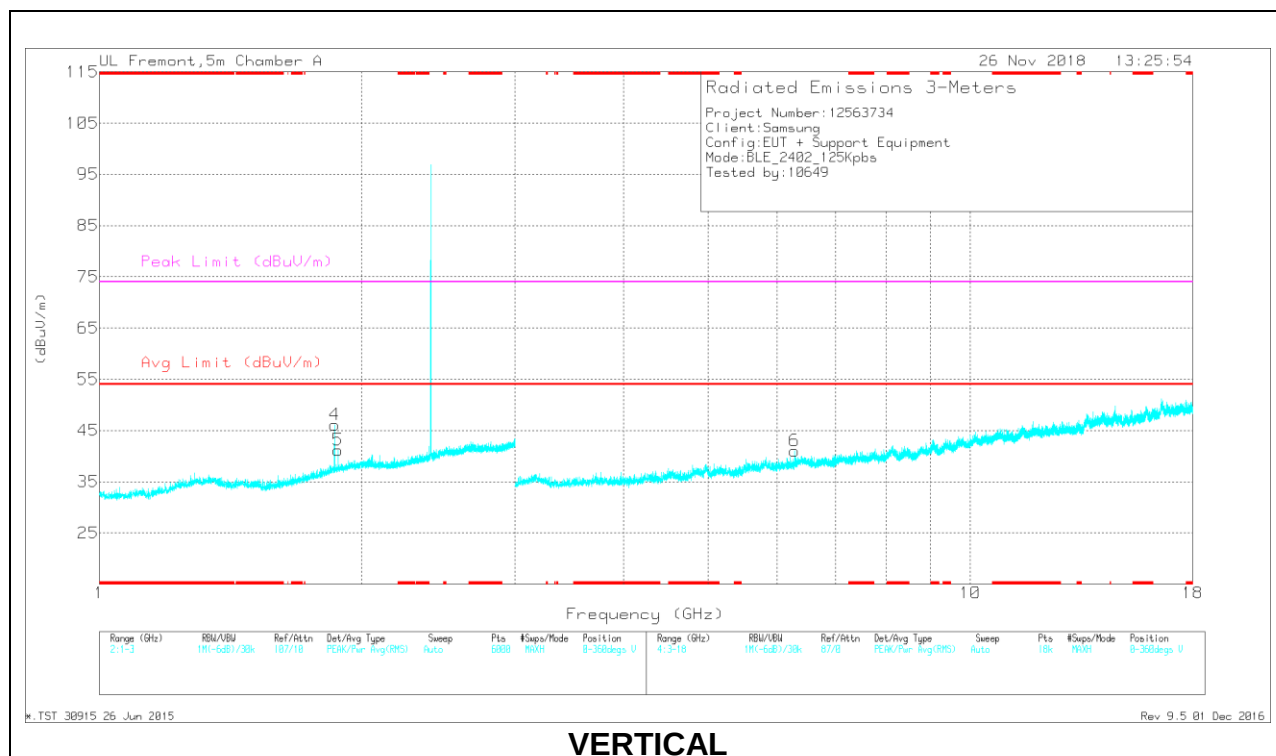
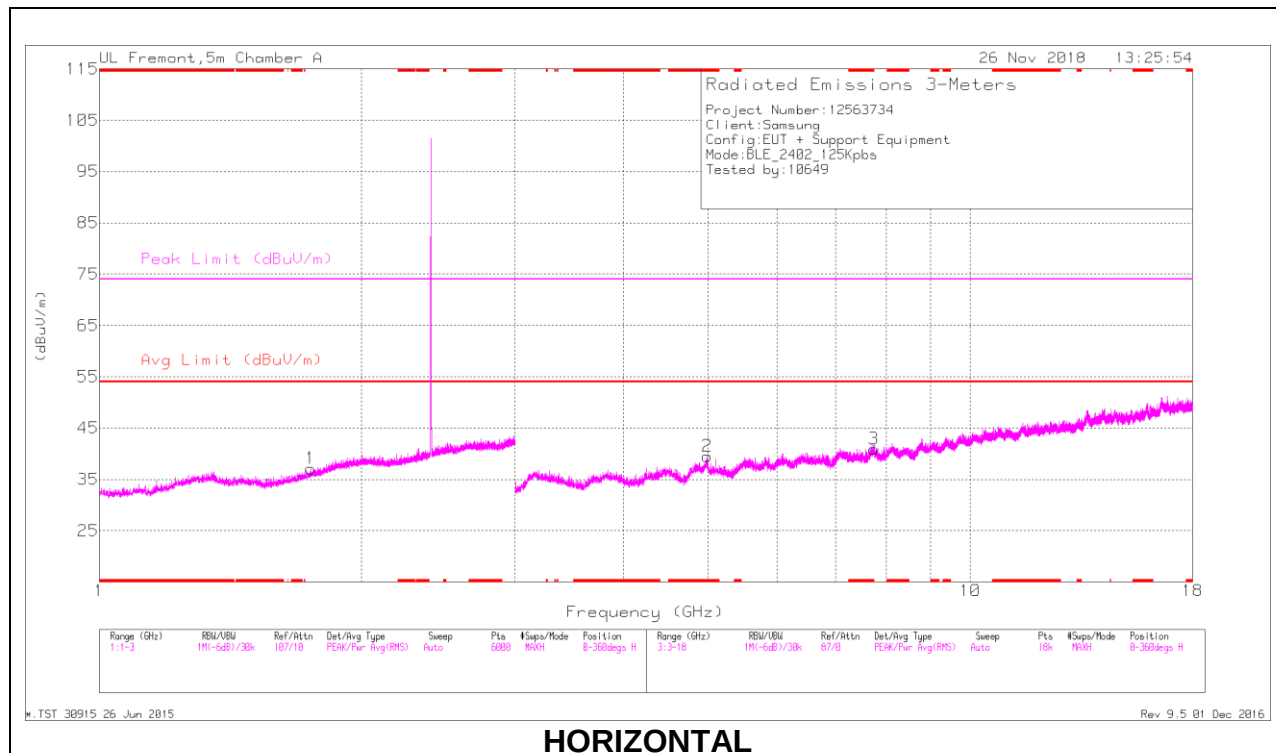
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

Radiated Emissions

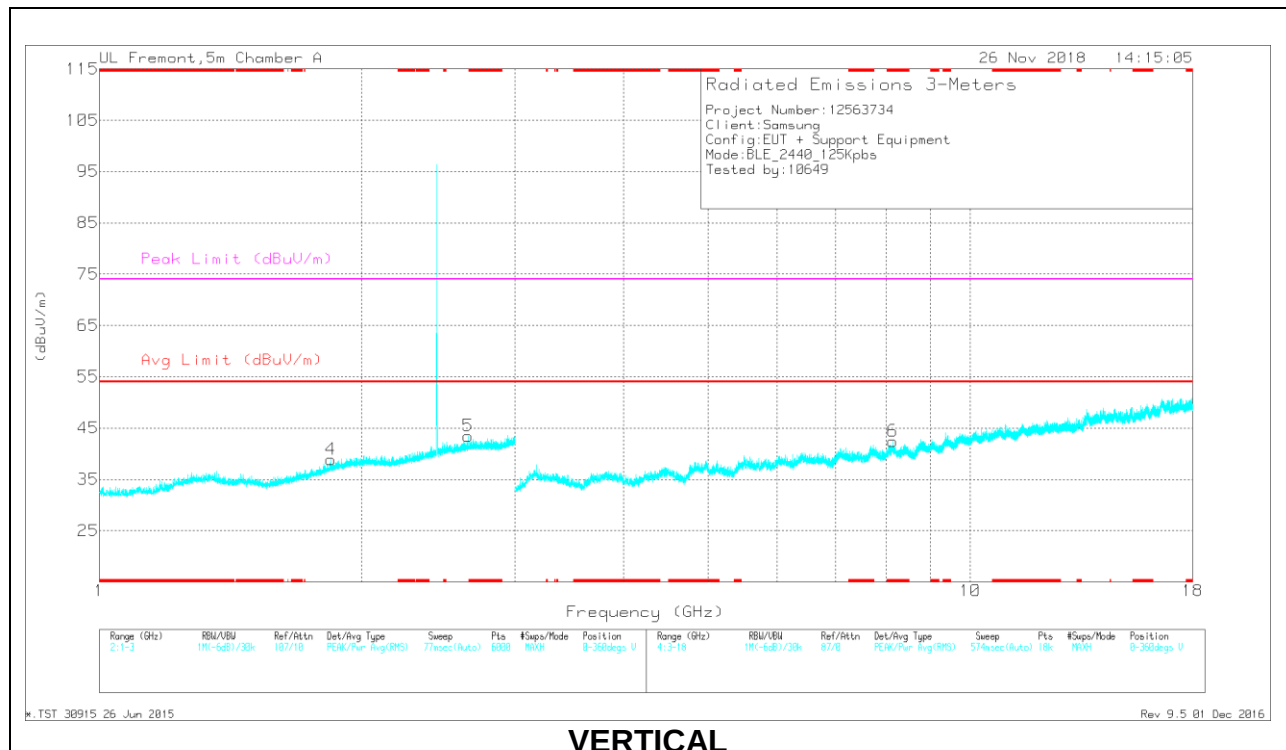
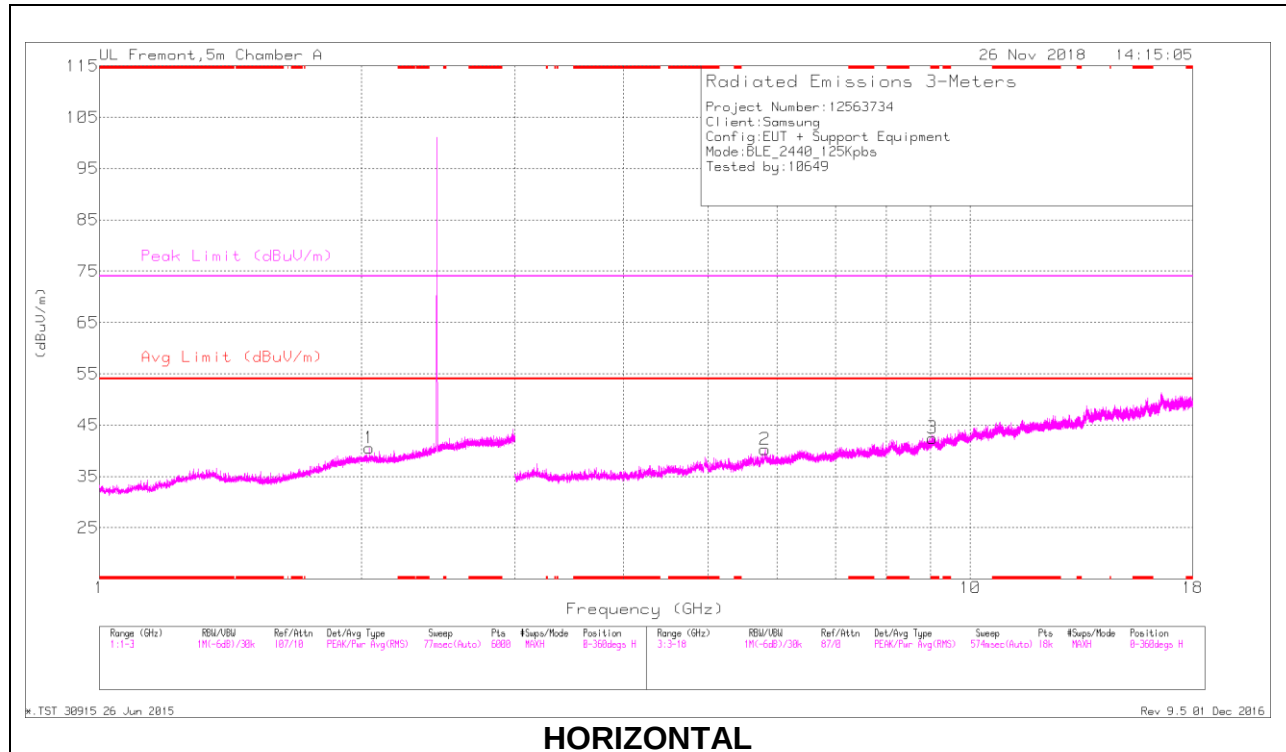
Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Filtr/Par d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.988	37.24	PK2	34.3	-27.2	0	44.34	-	-	74	-29.66	93	187	H
	* 4.994	26.39	MAv1	34.3	-27.2	.82	34.32	54	-19.68	-	-	93	187	H
1	1.749	36.12	PK2	29.8	-23	0	42.92	-	-	-	-	247	125	H
4	1.863	36	PK2	30.9	-22.9	0	44	-	-	-	-	324	106	V
5	1.878	35.95	PK2	31	-22.9	0	44.05	-	-	-	-	121	103	V
6	6.283	34.26	PK2	35.7	-25.1	0	44.86	-	-	-	-	33	132	V
4	7.752	33.4	PK2	35.8	-21.7	0	47.5	-	-	-	-	167	216	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

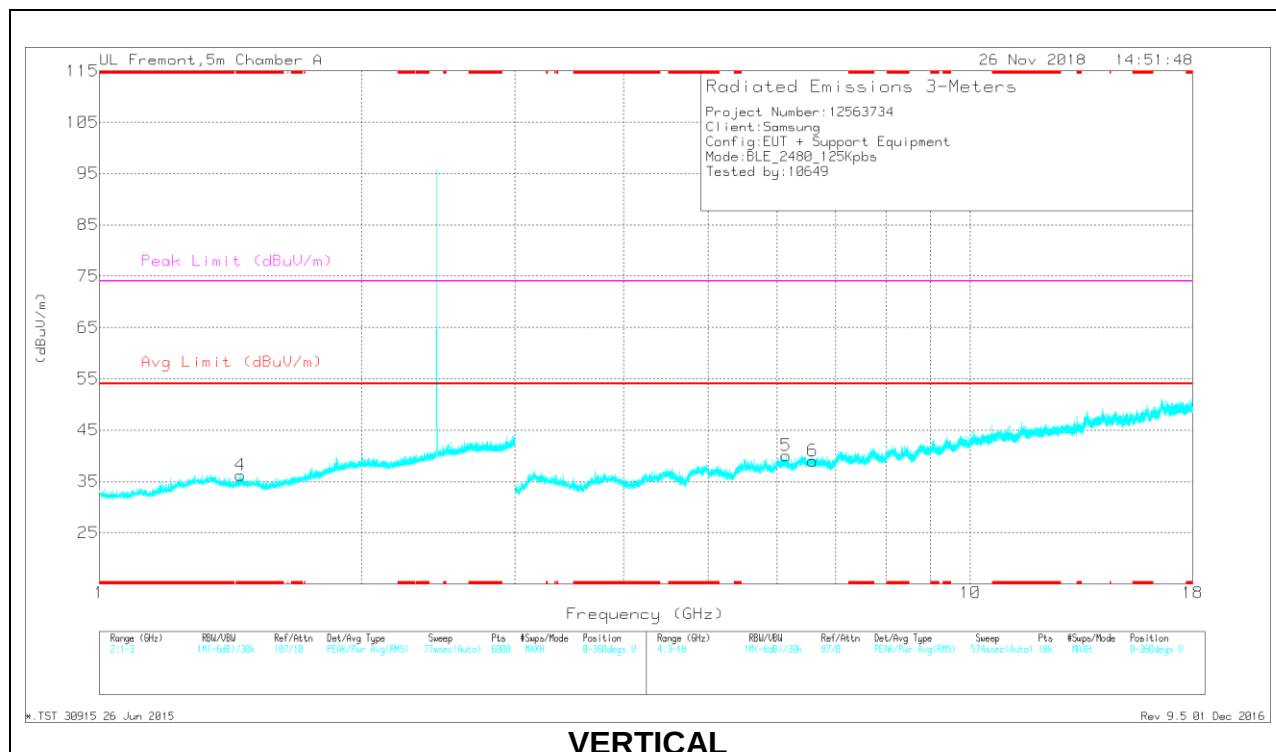
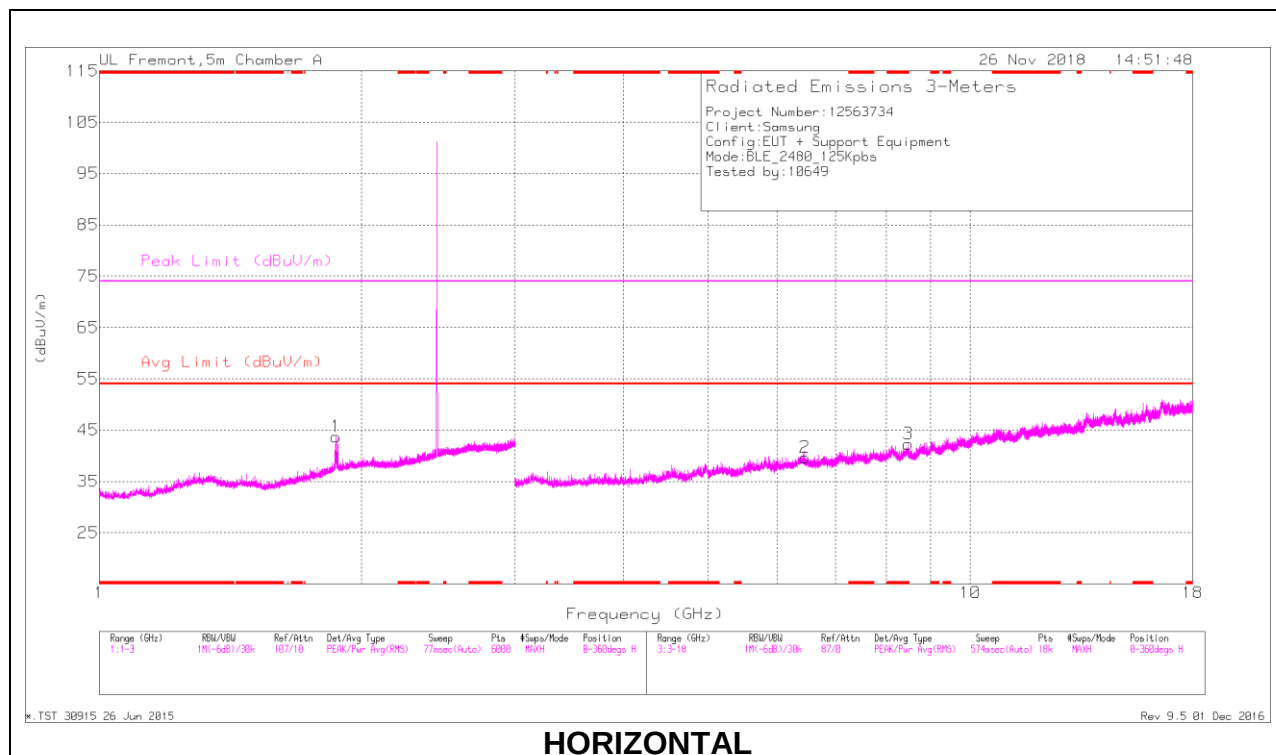
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 9.044	32.86	PK2	36.3	-20.4	0	48.76	-	-	74	-25.24	3	117	H
* 9.046	21.67	MAv1	36.3	-20.3	.82	38.5	54	-15.5	-	-	3	117	H
* 8.152	33.24	PK2	35.8	-20.8	0	48.24	-	-	74	-25.76	162	133	V
* 8.153	21.9	MAv1	35.8	-20.9	.82	37.63	54	-16.37	-	-	162	133	V
1.843	36.66	PK2	30.8	-23	0	44.46	-	-	-	-	239	193	V
2.041	37.04	PK2	31.4	-23.1	0	45.34	-	-	-	-	190	166	H
2.653	38.21	PK2	32.5	-22.5	0	48.21	-	-	-	-	79	115	V
5.808	35.14	PK2	35.1	-24.6	0	45.64	-	-	-	-	205	124	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Markers	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fitr/Pa d (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	* 1.452	36.25	PK2	28.7	-23.2	0	41.75	-	-	74	-32.25	74	192	V
	* 1.453	24.04	MAv1	28.7	-23.1	.82	30.47	54	-23.53	-	-	74	192	V
3	* 8.487	32.68	PK2	35.8	-21.2	0	47.28	-	-	74	-26.72	253	162	H
	* 8.485	21.08	MAv1	35.8	-21.2	.82	36.51	54	-17.49	-	-	253	162	H
1	1.869	37.08	PK2	31	-22.9	0	45.18	-	-	-	-	335	155	H
5	6.144	34.6	PK2	35.5	-24.5	0	45.6	-	-	-	-	198	119	V
2	6.462	33.96	PK2	35.8	-23.8	0	45.96	-	-	-	-	154	278	H
6	6.589	33.25	PK2	35.6	-24.2	0	44.65	-	-	-	-	195	173	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

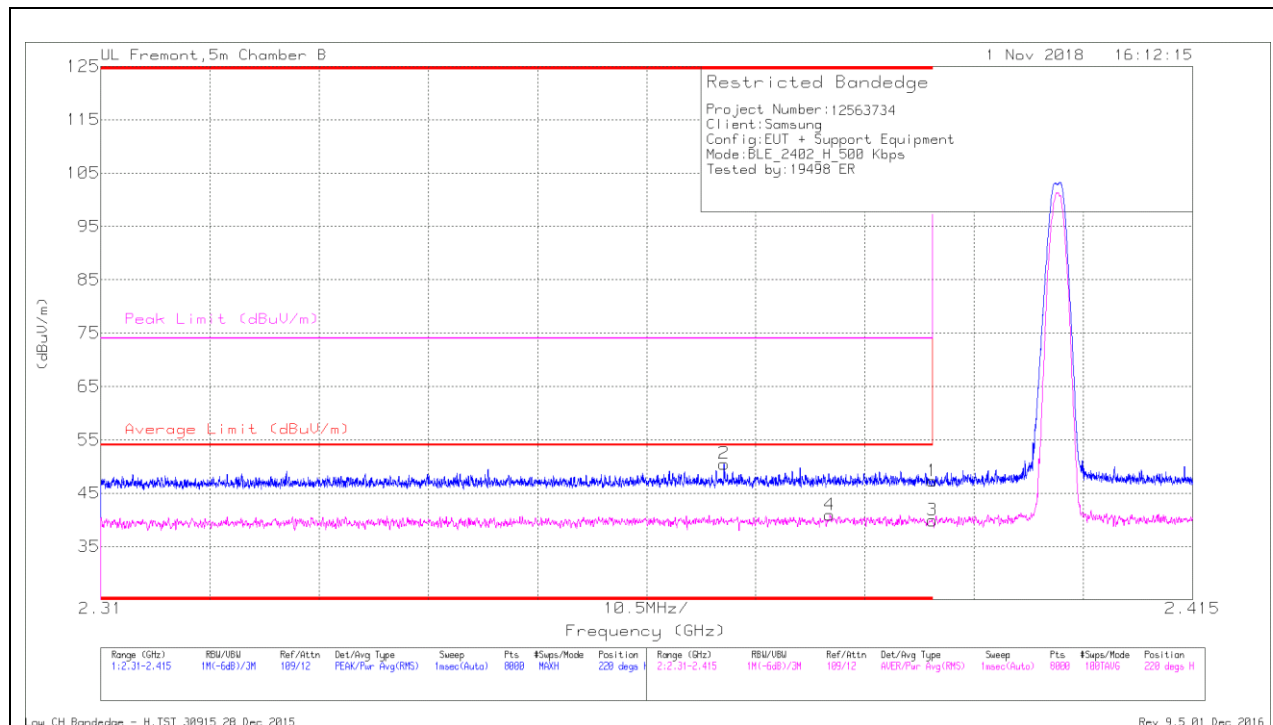
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.2. BLE (500kbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	35.66	Pk	32.3	-20.7	0	47.26	-	-	74	-26.74	220	134	H
2	* 2.37	38.91	Pk	32.3	-20.7	0	50.51	-	-	74	-23.49	220	134	H
3	* 2.39	25.8	RMS	32.3	-20.7	2.52	39.92	54	-14.08	-	-	220	134	H
4	* 2.38	26.81	RMS	32.3	-20.7	2.52	40.93	54	-13.07	-	-	220	134	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	35.48	Pk	32.3	-20.7	0	47.08	-	-	74	-26.92	177	112	V
2	* 2.368	38.1	Pk	32.3	-20.7	0	49.7	-	-	74	-24.3	177	112	V
3	* 2.39	25.75	RMS	32.3	-20.7	2.52	39.87	54	-14.13	-	-	177	112	V
4	* 2.375	26.77	RMS	32.3	-20.7	2.52	40.89	54	-13.11	-	-	177	112	V

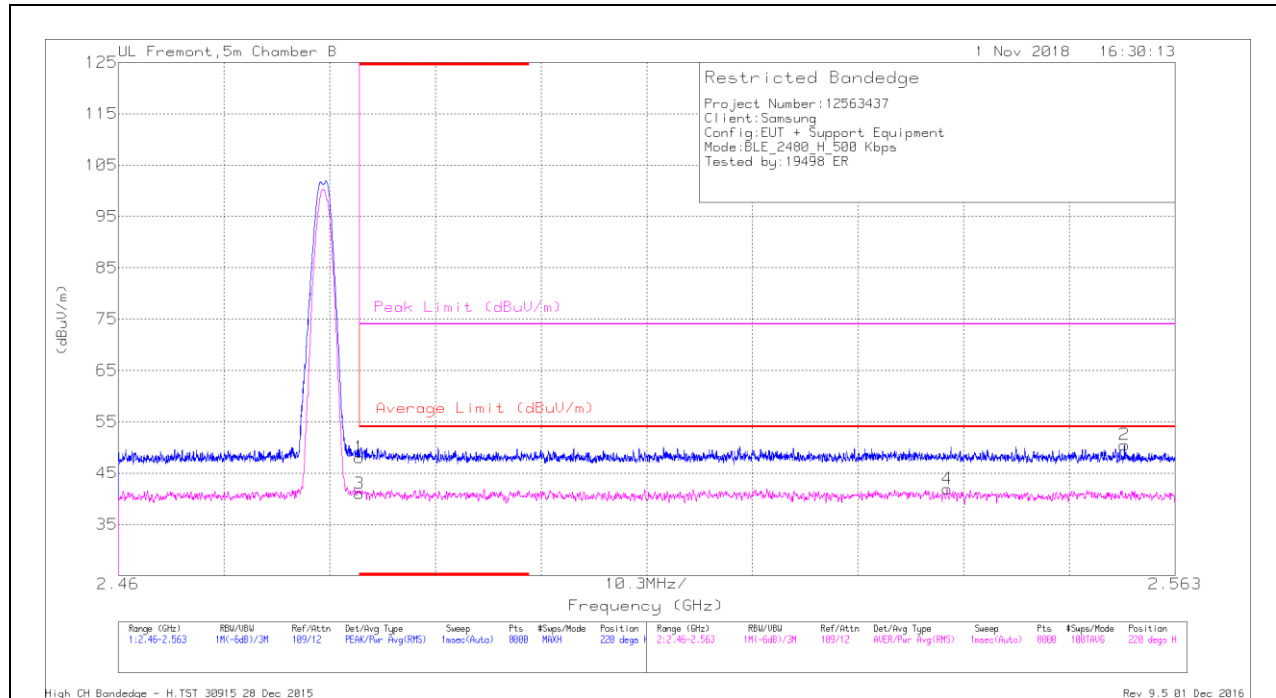
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

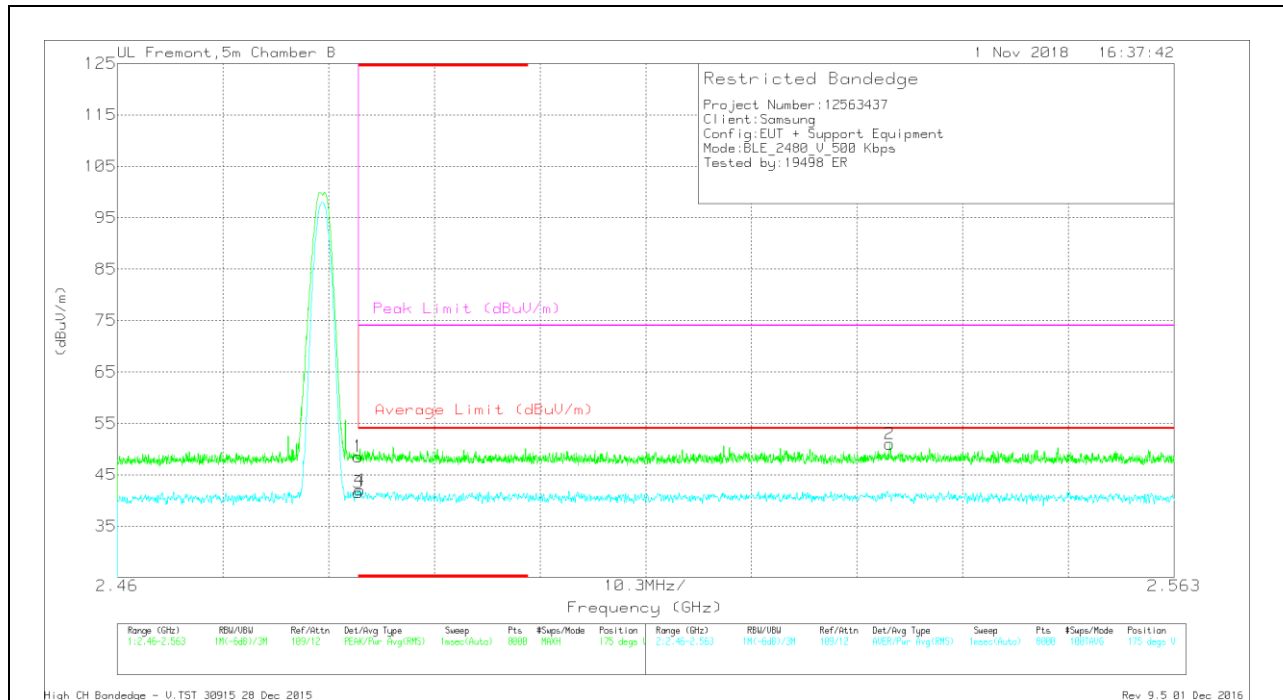
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	35.76	Pk	32.6	-20.3	0	48.06	-	-	74	-25.94	220	164	H
3	* 2.484	26.25	RMS	32.6	-20.3	2.52	41.07	54	-12.93	-	-	220	164	H
4	2.541	27.12	RMS	32.7	-20.4	2.52	41.94	54	-12.06	-	-	220	164	H
2	2.558	38.41	Pk	32.7	-20.6	0	50.51	-	-	74	-23.49	220	164	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.24	Pk	32.6	-20.3	0	48.54	-	-	74	-25.46	175	139	V
3	* 2.484	26.76	RMS	32.6	-20.3	2.52	41.58	54	-12.42	-	-	175	139	V
4	* 2.484	27.22	RMS	32.6	-20.3	2.52	42.04	54	-11.96	-	-	175	139	V
2	2.535	38.62	Pk	32.7	-20.3	0	51.02	-	-	74	-22.98	175	139	V

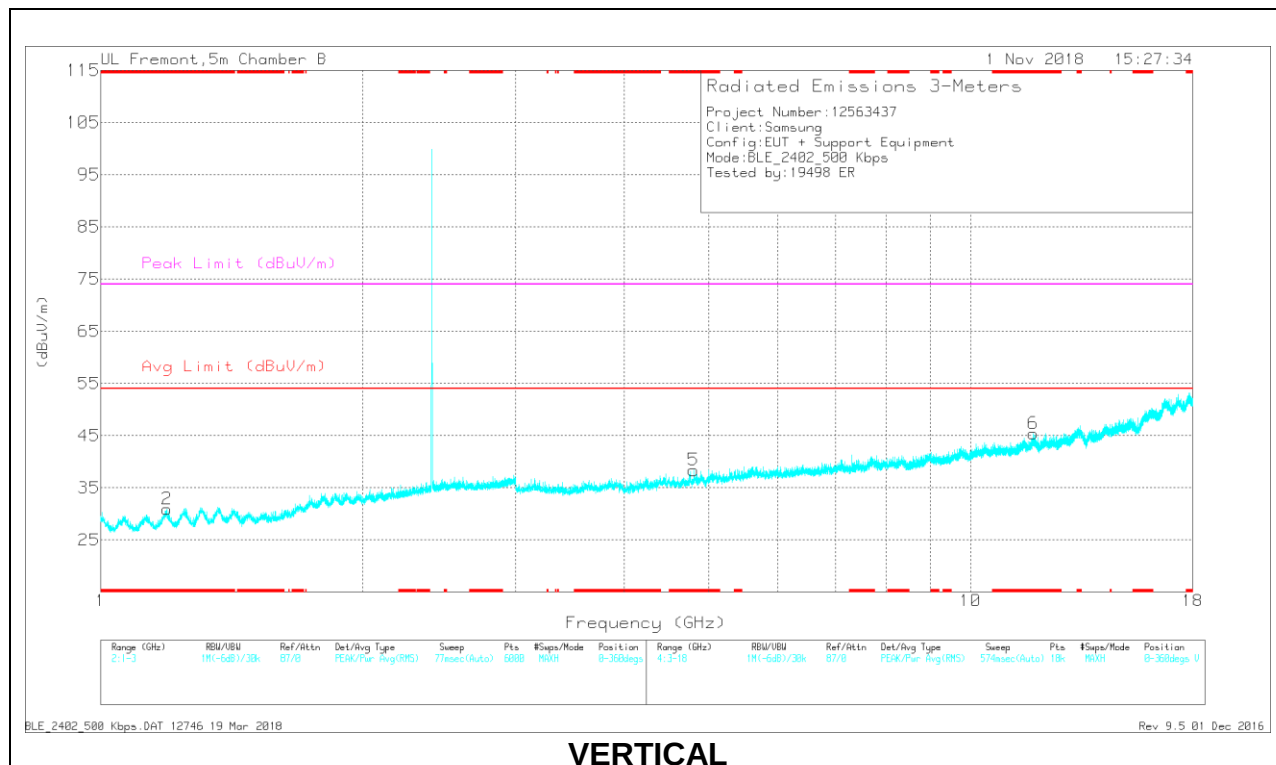
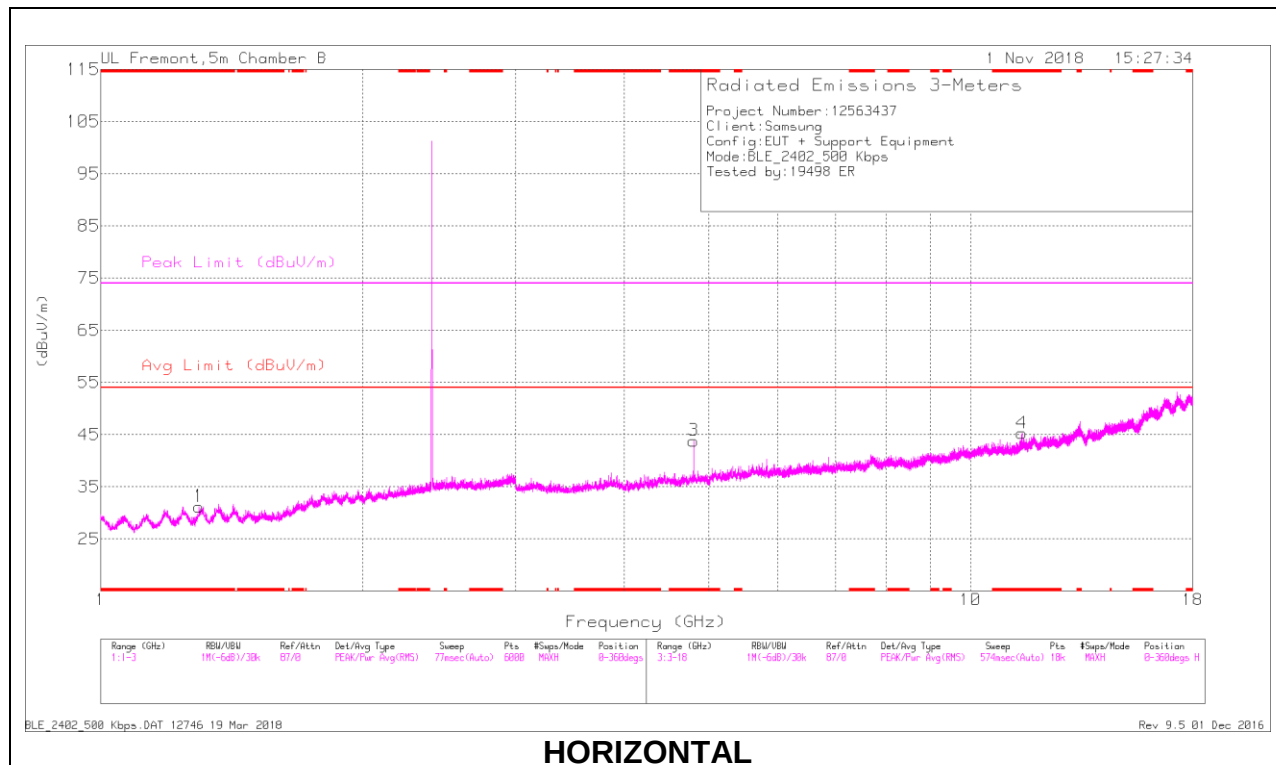
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

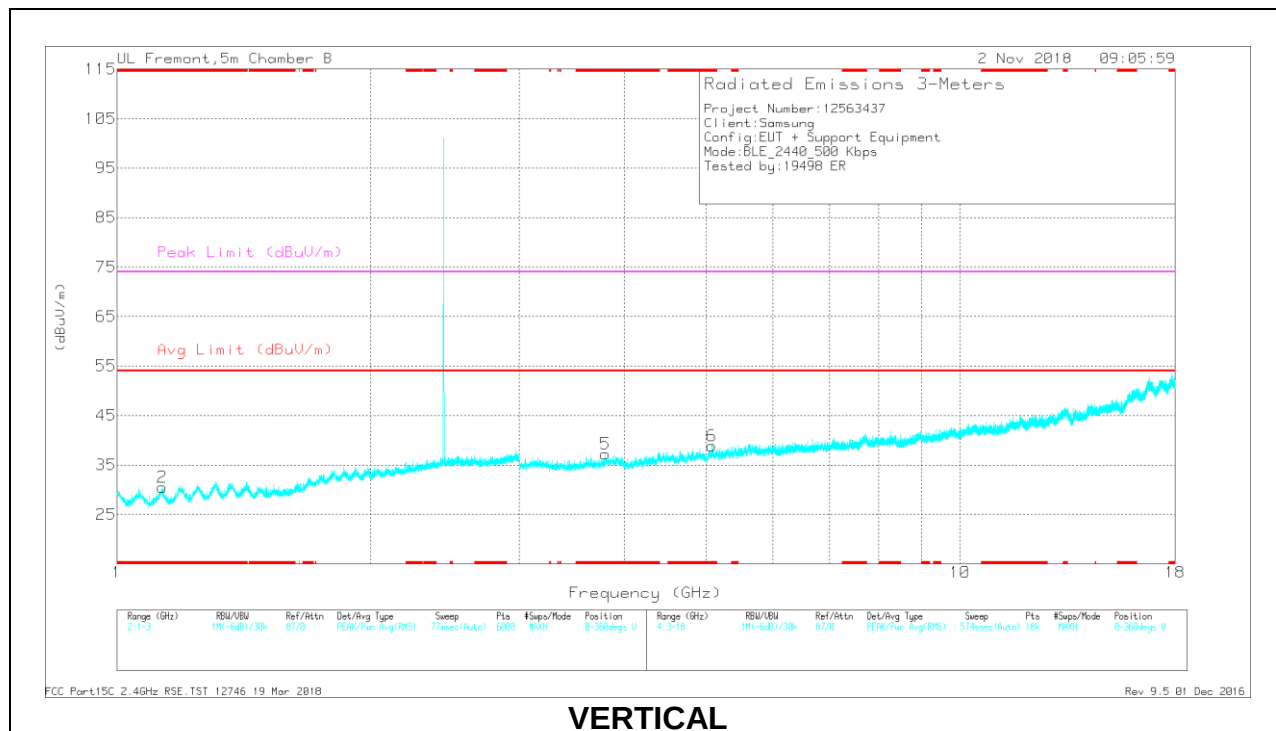
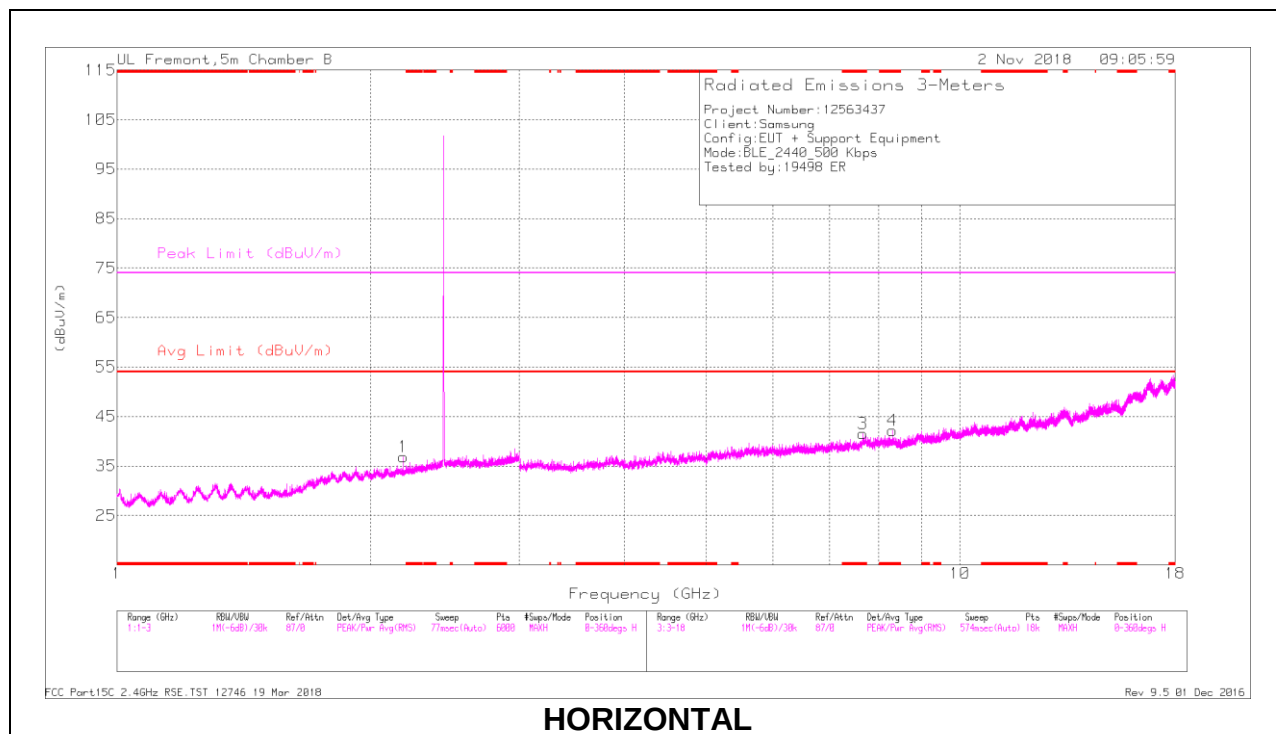
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.298	30.18	PK2	28.4	-21.5	0	37.08	-	-	74	-36.92	237	128	H
* 1.298	18.72	MAV1	28.4	-21.6	2.52	28.02	54	-25.98	-	-	237	128	H
* 1.19	30.89	PK2	28.1	-22.2	0	36.79	-	-	74	-37.21	156	160	V
* 1.19	19.54	MAV1	28.1	-22.2	2.52	27.94	54	-26.06	-	-	156	160	V
* 4.805	38.82	PK2	34	-29	0	43.82	-	-	74	-30.18	95	381	H
* 4.804	27.3	MAV1	34	-29	2.52	34.8	54	-19.2	-	-	95	381	H
* 11.455	33.78	PK2	38.4	-21.8	0	50.38	-	-	74	-23.62	200	344	H
* 11.456	22.34	MAV1	38.4	-21.8	2.52	41.44	54	-12.56	-	-	200	344	H
* 4.805	39.29	PK2	34	-29	0	44.29	-	-	74	-29.71	283	333	V
* 4.804	28.34	MAV1	34	-29	2.52	35.84	54	-18.16	-	-	283	333	V
* 11.81	33.92	PK2	39.1	-21.3	0	51.72	-	-	74	-22.28	336	178	V
* 11.81	21.99	MAV1	39.1	-21.3	2.52	42.29	54	-11.71	-	-	336	178	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

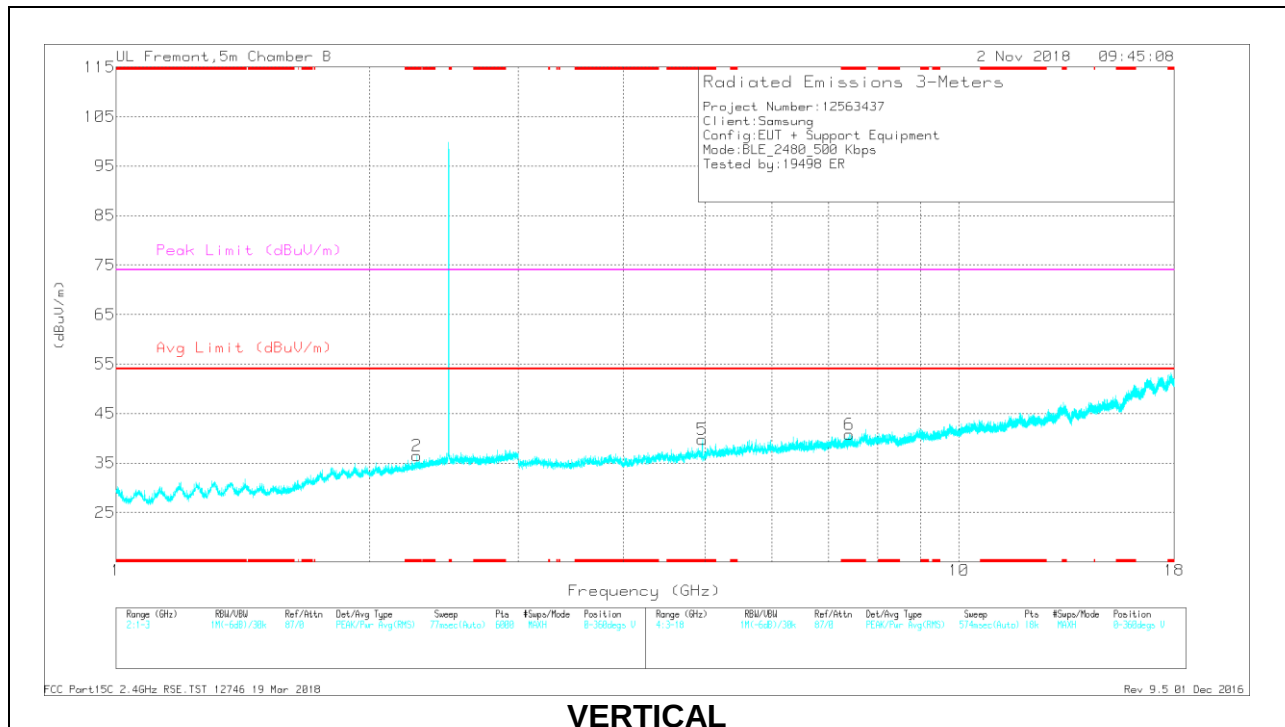
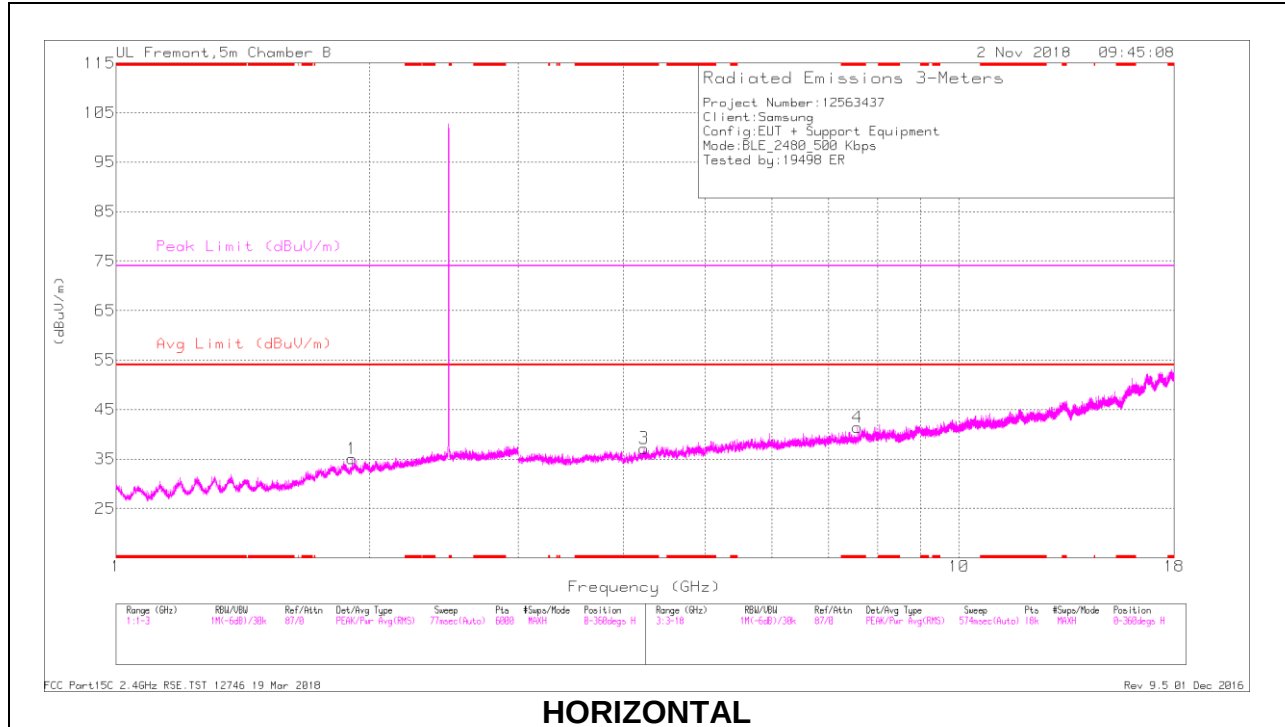
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.131	31.42	PK2	27.5	-22.5	0	36.42	-	-	74	-37.58	218	225	V
* 1.132	19.79	MAV1	27.5	-22.5	2.52	27.29	54	-26.71	-	-	218	225	V
* 7.669	36.25	PK2	36.4	-25.9	0	46.75	-	-	74	-27.25	149	276	H
* 7.67	25.69	MAV1	36.4	-25.9	2.52	38.69	54	-15.31	-	-	149	276	H
* 8.318	36.26	PK2	36.3	-24.9	0	47.66	-	-	74	-26.34	336	138	H
* 8.318	24.55	MAV1	36.3	-24.9	2.52	38.45	54	-15.55	-	-	336	138	H
* 3.799	39.83	PK2	33.4	-30.3	0	42.93	-	-	74	-31.07	251	180	V
* 3.799	28.98	MAV1	33.4	-30.3	2.52	34.58	54	-19.42	-	-	251	180	V
* 5.078	39.47	PK2	34.5	-28.6	0	45.37	-	-	74	-28.63	309	112	V
* 5.078	26.89	MAV1	34.5	-28.6	2.52	35.29	54	-18.71	-	-	309	112	V
2.188	29.95	PK2	31.4	-20.7	0	40.65	-	-	-	-	59	170	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.276	30.05	PK2	31.8	-20.5	0	41.35	-	-	74	-32.65	148	187	V
* 2.274	18.53	MAV1	31.8	-20.6	2.52	32.23	54	-21.77	-	-	148	187	V
* 4.229	39.19	PK2	33.6	-29.3	0	43.49	-	-	74	-30.51	210	248	H
* 4.228	28.41	MAV1	33.6	-29.3	2.52	35.21	54	-18.79	-	-	210	248	H
* 7.577	37.99	PK2	36.3	-27.2	0	47.09	-	-	74	-26.91	117	241	H
* 7.577	26.02	MAV1	36.3	-27.2	2.52	37.62	54	-16.38	-	-	117	241	H
* 4.962	38.35	PK2	34.5	-29.4	0	43.45	-	-	74	-30.55	188	119	V
* 4.959	29.07	MAV1	34.5	-29.5	2.52	36.57	54	-17.43	-	-	188	119	V
* 7.405	36.76	PK2	36.2	-26.4	0	46.56	-	-	74	-27.44	145	310	V
* 7.404	24.98	MAV1	36.2	-26.4	2.52	37.28	54	-16.72	-	-	145	310	V
1.906	29.54	PK2	31.1	-20.6	0	40.04	-	-	-	-	257	149	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

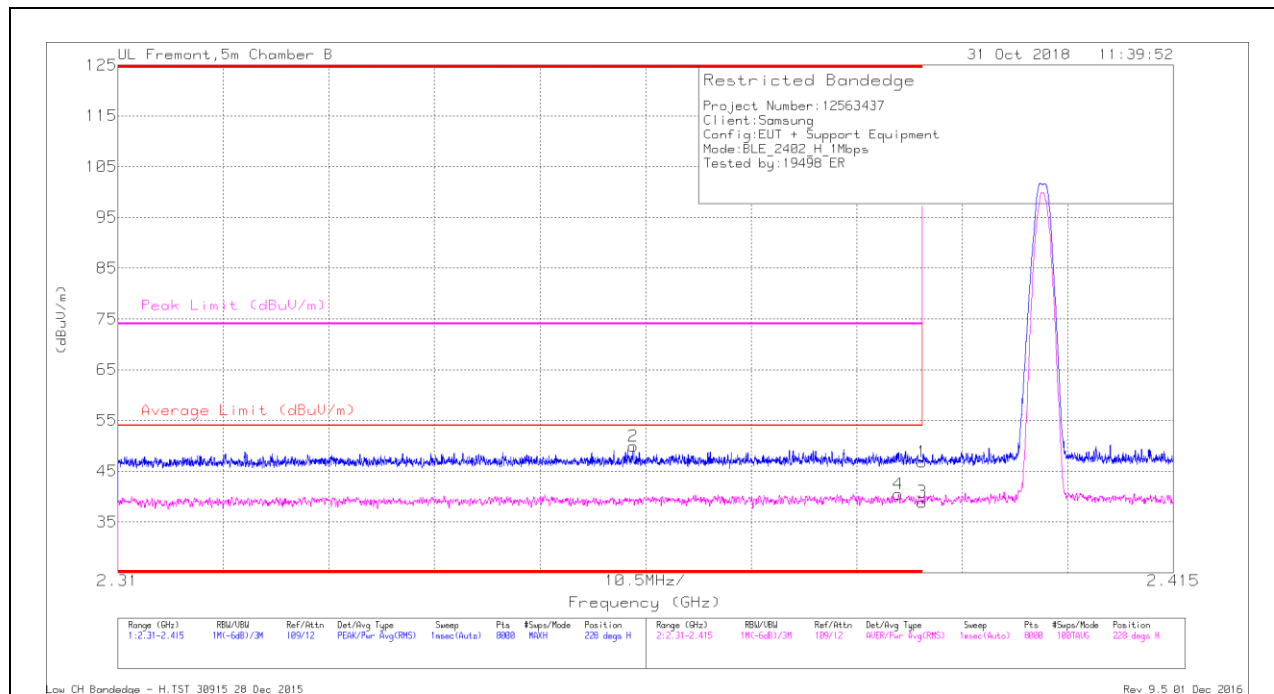
PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

9.2.3. BLE (1Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	35.17	Pk	32.3	-20.7	0	46.77	-	-	74	-27.23	228	113	H
2	* 2.361	38.42	Pk	32.2	-20.7	0	49.92	-	-	74	-24.08	228	113	H
3	* 2.39	25.14	RMS	32.3	-20.7	2.19	38.93	54	-15.07	-	-	228	113	H
4	* 2.388	26.67	RMS	32.3	-20.7	2.19	40.46	54	-13.54	-	-	228	113	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	35.67	Pk	32.3	-20.7	0	47.27	-	-	74	-26.73	152	115	V
2	* 2.34	38.06	Pk	32.1	-20.7	0	49.46	-	-	74	-24.54	152	115	V
3	* 2.39	25.34	RMS	32.3	-20.7	2.19	39.13	54	-14.87	-	-	152	115	V
4	* 2.357	27.21	RMS	32.2	-20.8	2.19	40.8	54	-13.2	-	-	152	115	V

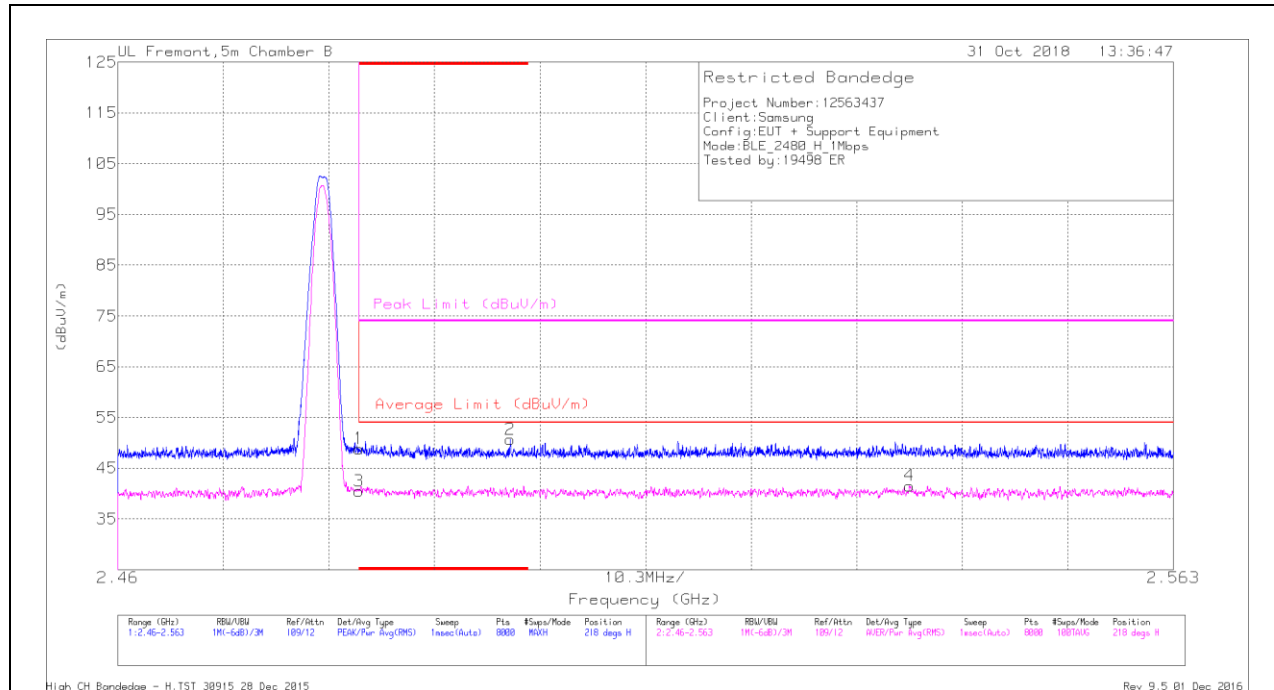
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

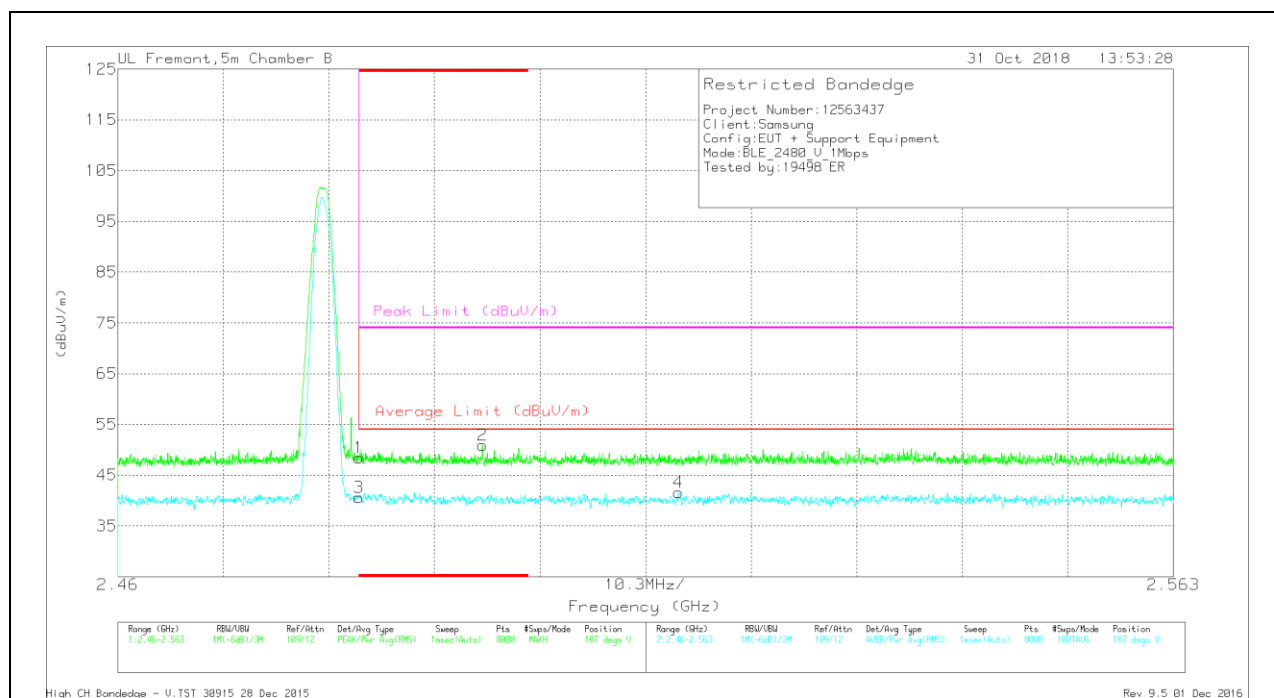
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cb/Fitr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.56	Pk	32.6	-20.3	0	48.86	-	-	74	-25.14	218	147	H
2	* 2.498	38.45	Pk	32.7	-20.5	0	50.65	-	-	74	-23.35	218	147	H
3	* 2.484	26.02	RMS	32.6	-20.3	2.19	40.51	54	-13.49	-	-	218	147	H
4	2.537	26.95	RMS	32.7	-20.3	2.19	41.54	54	-12.46	-	-	218	147	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.11	Pk	32.6	-20.3	0	48.41	-	-	74	-25.59	187	115	V
2	* 2.496	38.7	Pk	32.7	-20.5	0	50.9	-	-	74	-23.1	187	115	V
3	* 2.484	26.16	RMS	32.6	-20.3	2.19	40.65	54	-13.35	-	-	187	115	V
4	2.515	27.18	RMS	32.7	-20.5	2.19	41.57	54	-12.43	-	-	187	115	V

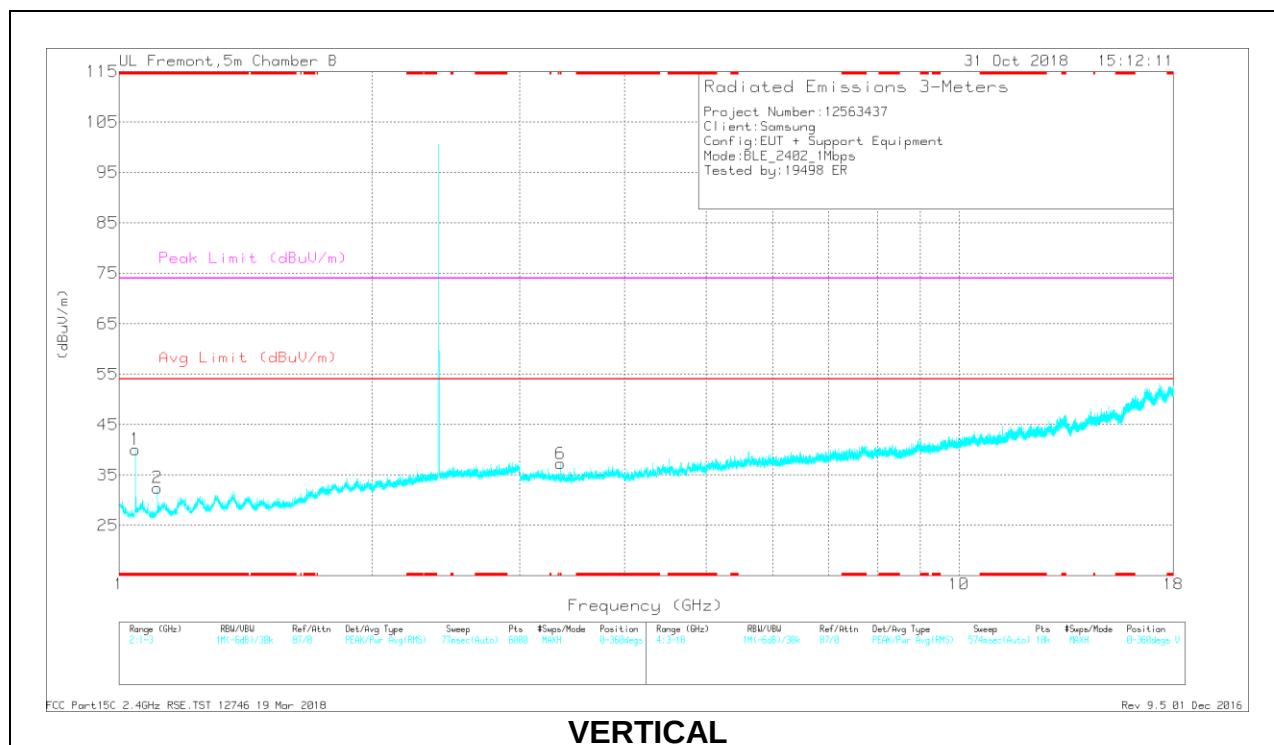
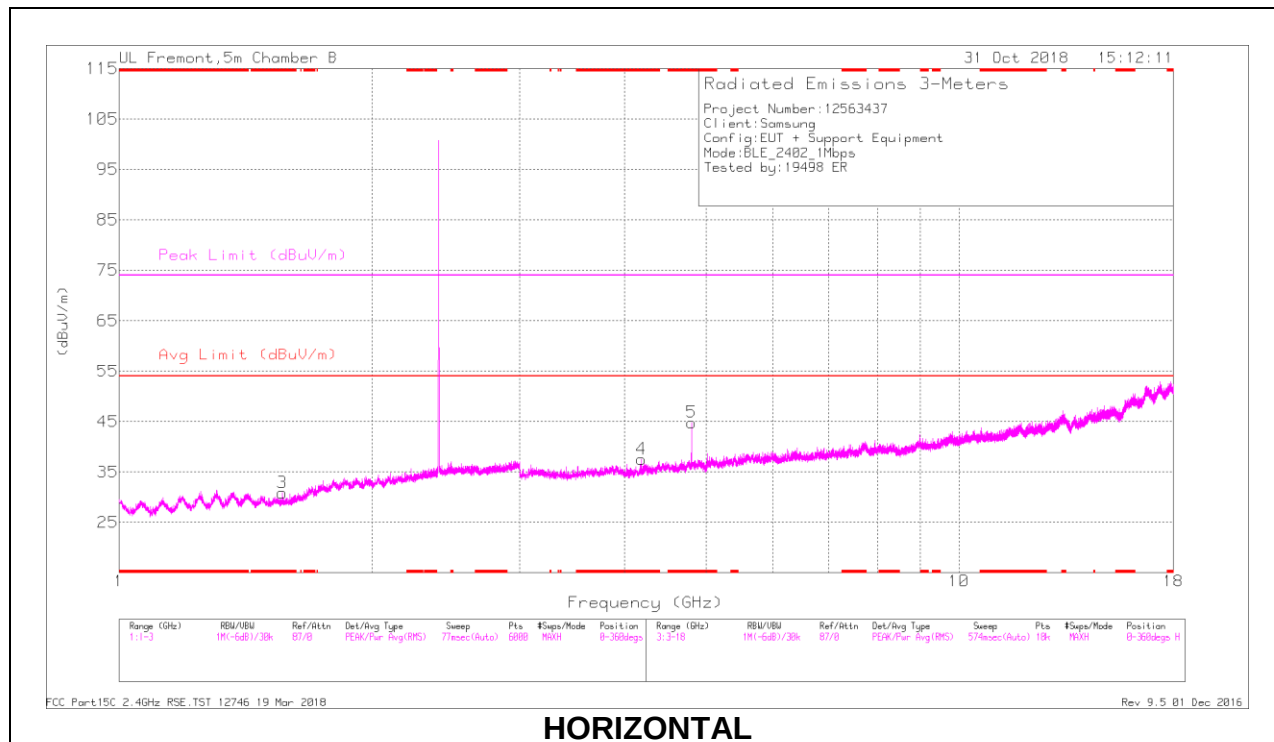
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

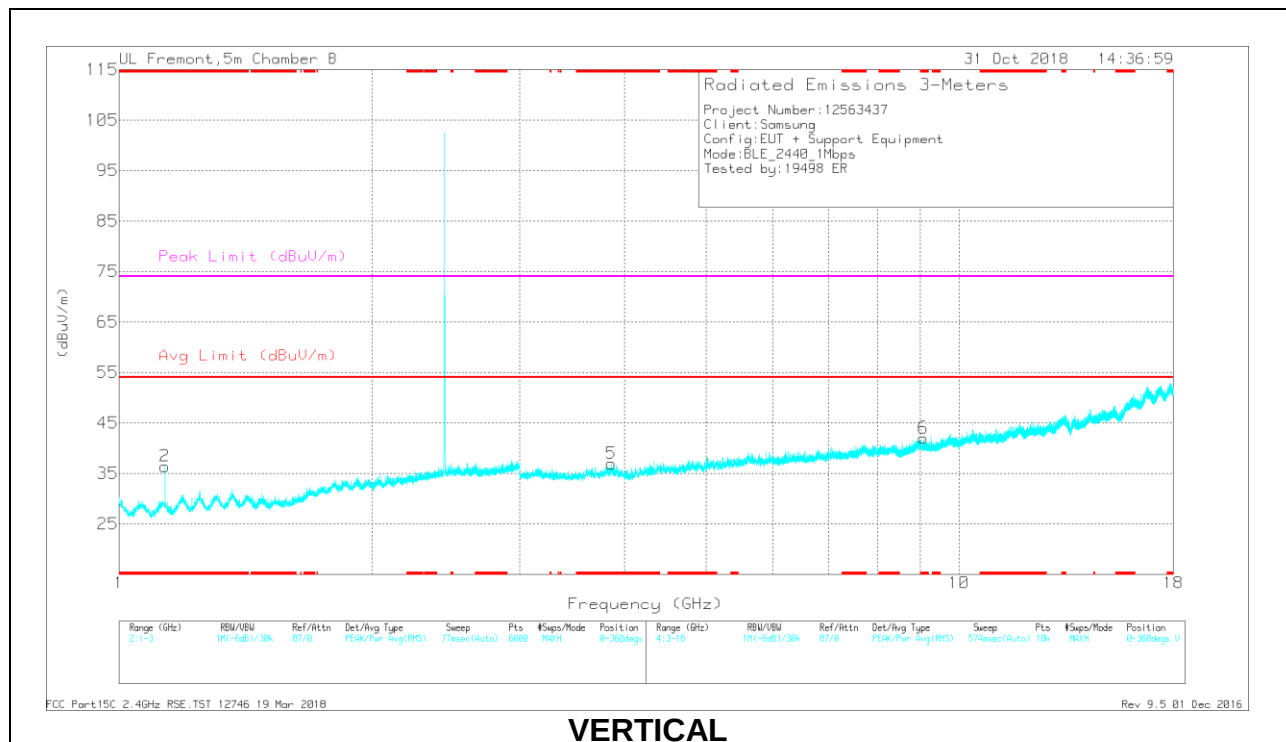
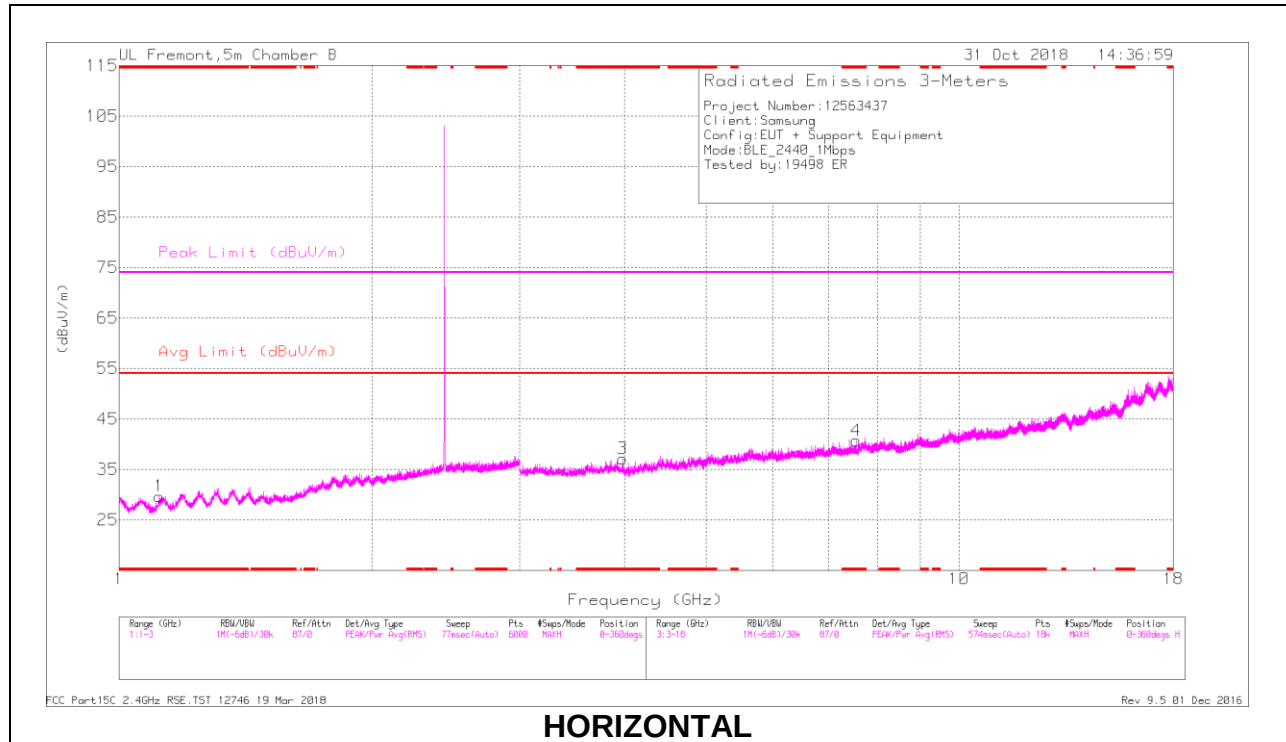
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.566	29	PK2	27.7	-20.9	0	35.8	-	-	74	-38.2	273	135	H
* 1.565	17.68	MAV1	27.7	-20.9	2.19	26.67	54	-27.33	-	-	273	135	H
* 1.046	30.08	PK2	27.5	-22.9	0	34.68	-	-	74	-39.32	217	157	V
* 1.048	18.88	MAV1	27.5	-22.9	2.19	25.67	54	-28.33	-	-	217	157	V
* 1.111	30.27	PK2	27.3	-22.7	0	34.87	-	-	74	-39.13	110	136	V
* 1.111	18.75	MAV1	27.3	-22.7	2.19	25.54	54	-28.46	-	-	110	136	V
* 4.19	39.71	PK2	33.6	-29.6	0	43.71	-	-	74	-30.29	29	269	H
* 4.19	26.96	MAV1	33.6	-29.6	2.19	33.15	54	-20.85	-	-	29	269	H
* 4.804	38.52	PK2	34	-29	0	43.52	-	-	74	-30.48	117	221	H
* 4.804	27.39	MAV1	34	-29	2.19	34.58	54	-19.42	-	-	117	221	H
* 3.355	39.6	PK2	32.9	-30.5	0	42	-	-	74	-32	170	130	V
* 3.355	28.08	MAV1	32.9	-30.5	2.19	32.67	54	-21.33	-	-	170	130	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

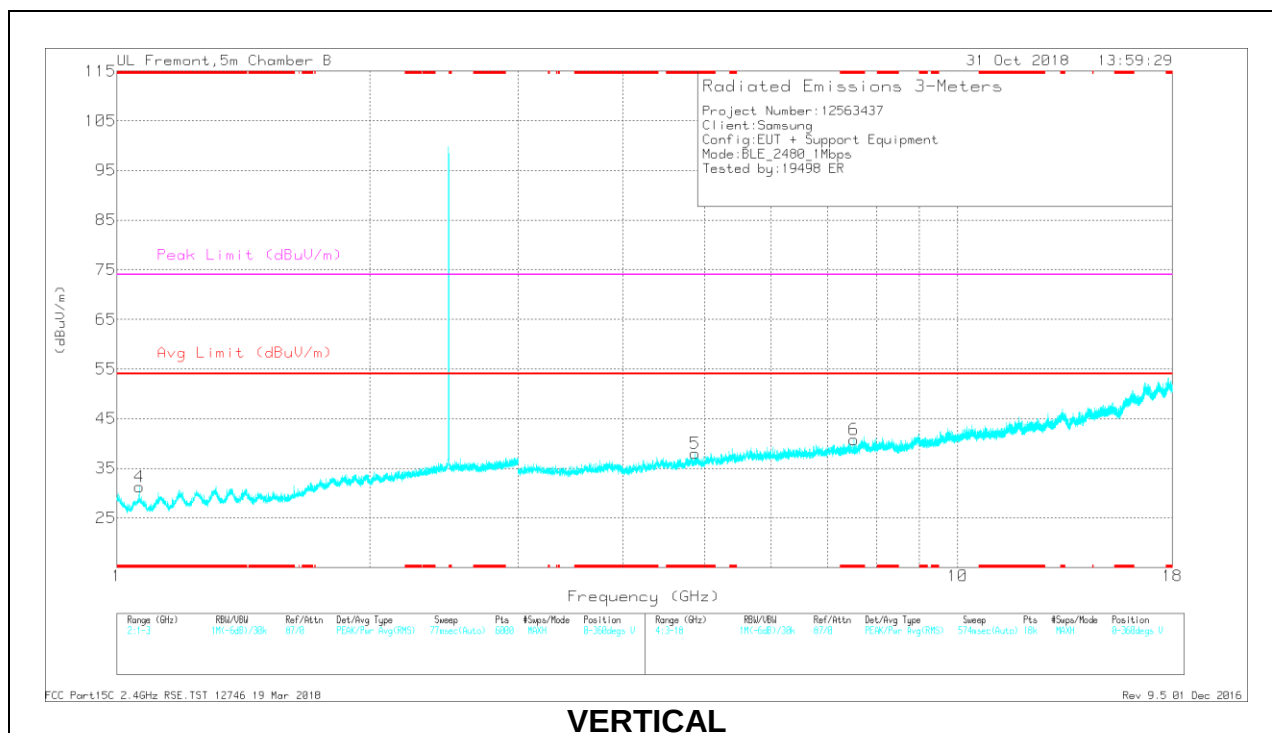
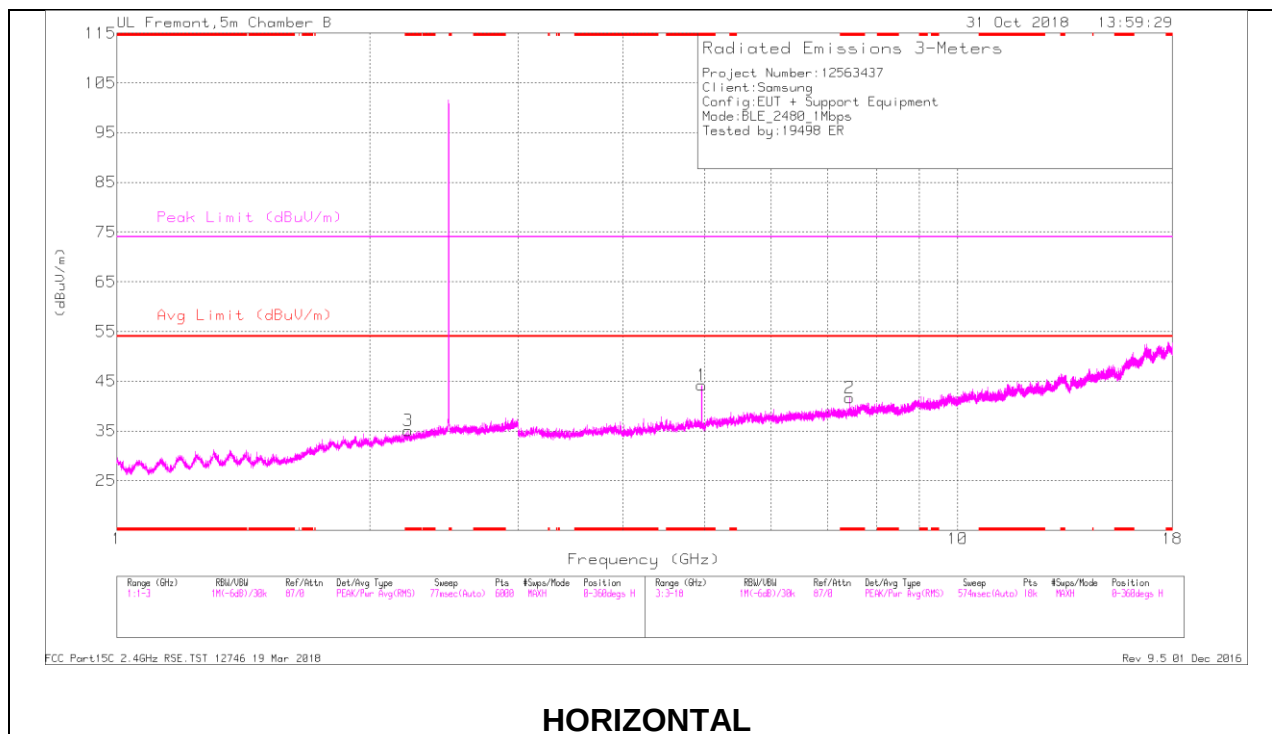
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.116	30.68	PK2	27.4	-22.5	0	35.58	-	-	74	-38.42	290	178	H
* 1.117	19.18	MAV1	27.4	-22.4	2.19	26.37	54	-27.63	-	-	290	178	H
* 1.133	31.07	PK2	27.6	-22.5	0	36.17	-	-	74	-37.83	205	240	V
* 1.133	19.21	MAV1	27.6	-22.5	2.19	26.5	54	-27.5	-	-	205	240	V
* 3.977	38.69	PK2	33.4	-30.3	0	41.79	-	-	74	-32.21	119	139	H
* 3.98	28.13	MAV1	33.4	-30.4	2.19	33.32	54	-20.68	-	-	119	139	H
* 7.549	37.19	PK2	36.2	-27	0	46.39	-	-	74	-27.61	264	174	H
* 7.548	24.91	MAV1	36.2	-27	2.19	36.3	54	-17.7	-	-	264	174	H
* 3.859	39.59	PK2	33.4	-29.9	0	43.09	-	-	74	-30.91	193	138	V
* 3.859	28.3	MAV1	33.4	-29.8	2.19	34.09	54	-19.91	-	-	193	138	V
* 9.077	35.38	PK2	36.8	-24.7	0	47.48	-	-	74	-26.52	336	265	V
* 9.077	24.05	MAV1	36.8	-24.7	2.19	38.34	54	-15.66	-	-	336	265	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.221	29.37	PK2	31.6	-20.6	0	40.37	-	-	74	-33.63	236	124	H
* 2.222	18.07	MAv1	31.6	-20.5	2.19	31.36	54	-22.64	-	-	236	124	H
* 1.062	31.36	PK2	27.4	-22.9	0	35.86	-	-	74	-38.14	208	161	V
* 1.064	19.64	MAv1	27.4	-22.8	2.19	26.43	54	-27.57	-	-	208	161	V
* 4.96	39.36	PK2	34.5	-29.5	0	44.36	-	-	74	-29.64	134	107	H
* 4.96	27.47	MAv1	34.5	-29.5	2.19	34.66	54	-19.34	-	-	134	107	H
* 7.44	36.69	PK2	36.1	-26.5	0	46.29	-	-	74	-27.71	60	182	H
* 7.44	25.03	MAv1	36.1	-26.5	2.19	36.82	54	-17.18	-	-	60	182	H
* 4.875	39.91	PK2	34.3	-30.1	0	44.11	-	-	74	-29.89	0	191	V
* 4.875	28.82	MAv1	34.3	-30.1	2.19	35.21	54	-18.79	-	-	0	191	V
* 7.528	37.15	PK2	36.2	-26.9	0	46.45	-	-	74	-27.55	226	259	V
* 7.528	24.98	MAv1	36.2	-26.9	2.19	36.47	54	-17.53	-	-	226	259	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

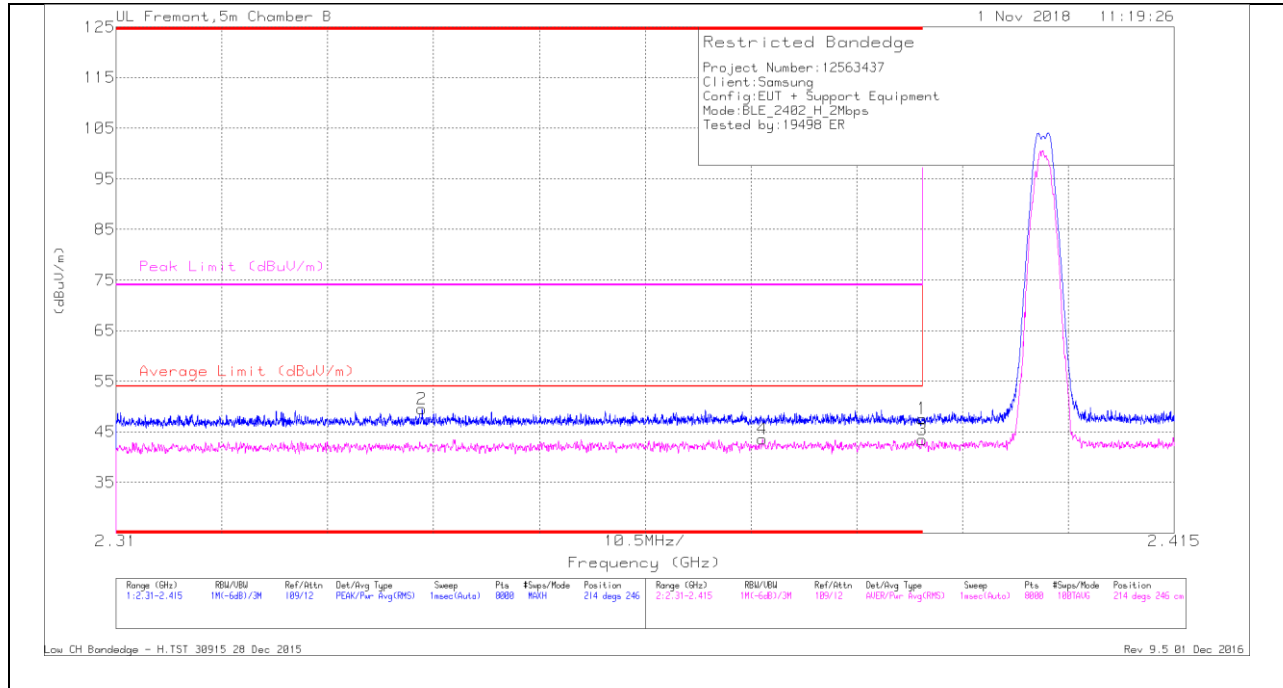
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2.4. BLE (2Mbps)

BANDEDGE (LOW CHANNEL)

HORIZONTAL RESULT



Trace Markers

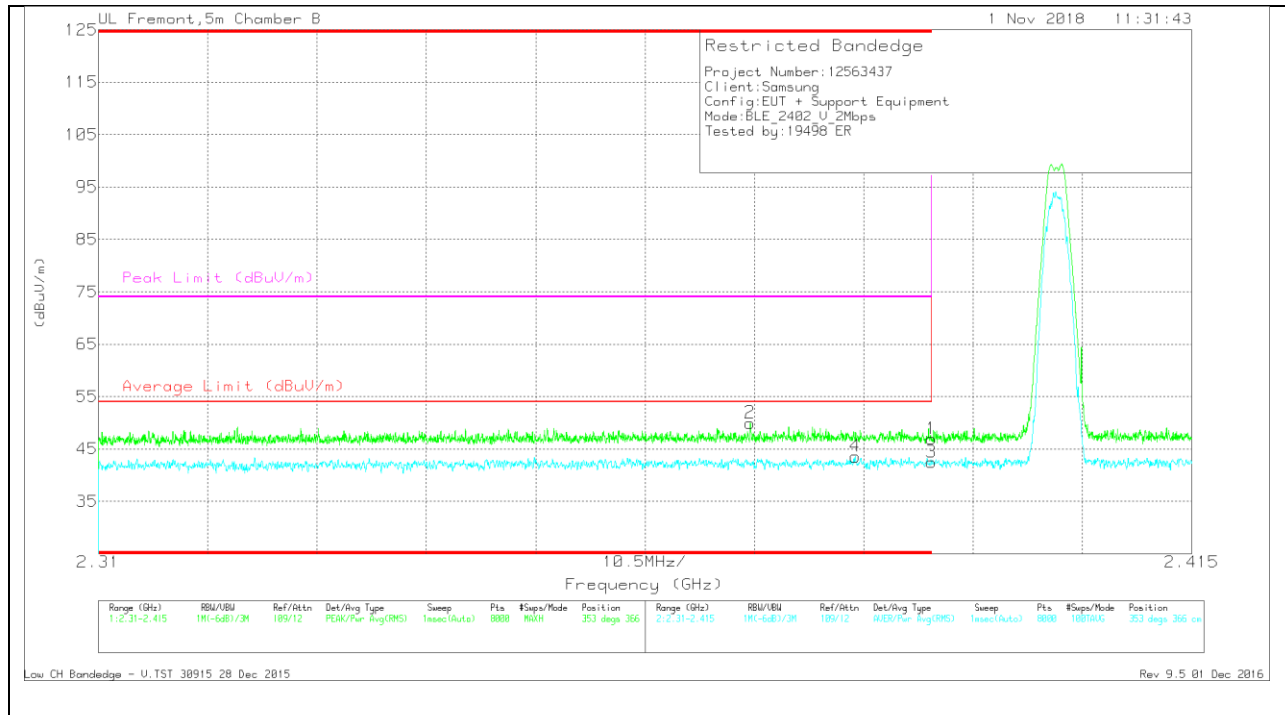
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Ch/Freq/Psd (dB)	OC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.39	36.02	Pk	32.3	-20.7	0	47.62	-	-	74	-26.38	214	246	H
2	* 2.34	38.12	Pk	32.1	-20.7	0	49.52	-	-	74	-24.48	214	246	H
3	* 2.39	26.73	RMS	32.3	-20.7	5.07	43.43	54	-10.57	-	-	214	246	H
4	* 2.374	26.87	RMS	32.3	-20.7	5.07	43.57	54	-10.43	-	-	214	246	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 2.373	38.38	Pk	32.3	-20.7	0	49.98	-	-	74	-24.02	353	366	V
4	* 2.383	26.73	RMS	32.3	-20.6	5.07	43.53	54	-10.47	-	-	353	366	V
1	* 2.39	35.33	Pk	32.3	-20.7	0	46.93	-	-	74	-27.07	353	366	V
3	* 2.39	25.77	RMS	32.3	-20.7	5.07	42.47	54	-11.53	-	-	353	366	V

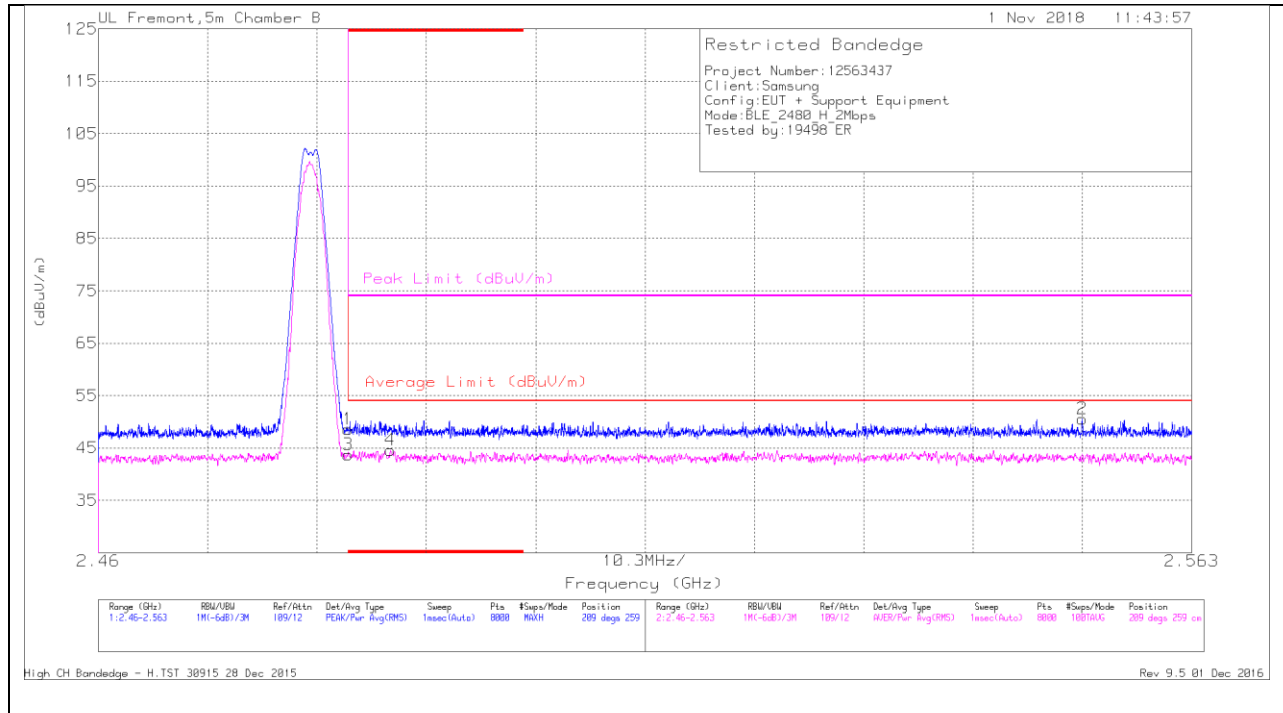
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL)

HORIZONTAL RESULT



Trace Markers

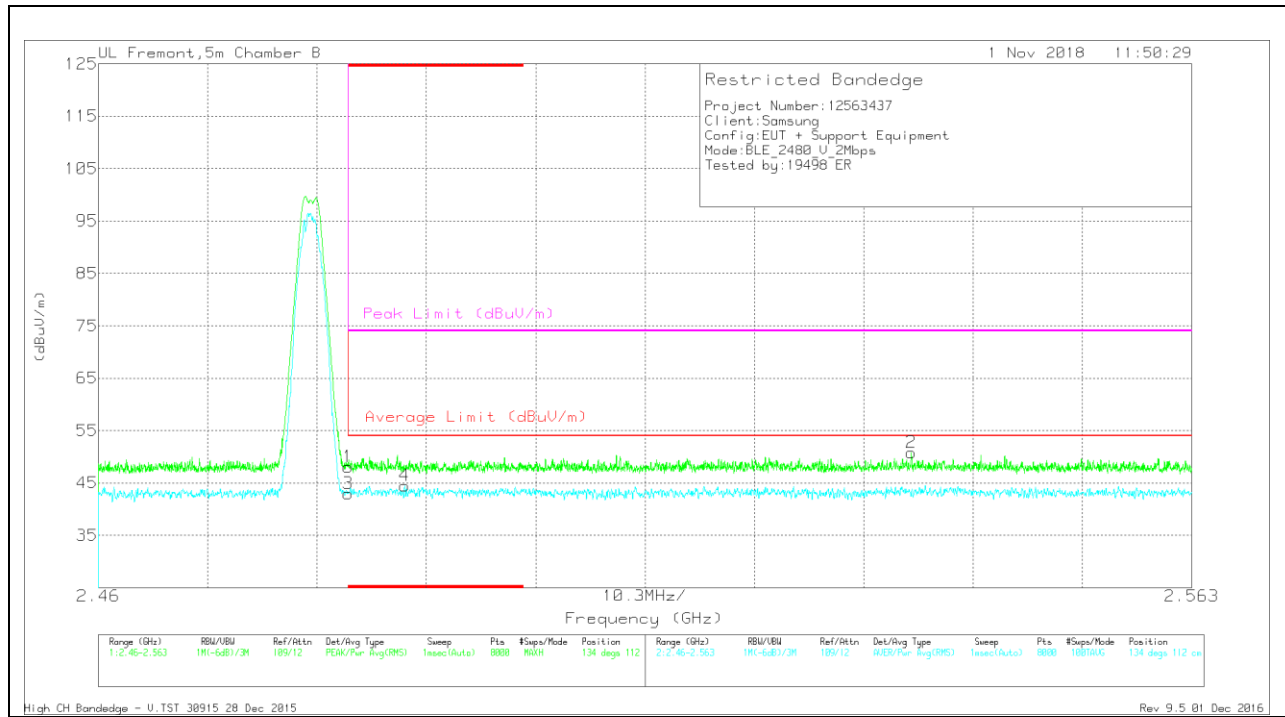
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T663 (dB/m)	Amp/Ch/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.28	Pk	32.6	-20.3	0	48.58	-	-	74	-25.42	209	259	H
3	* 2.484	26.32	RMS	32.6	-20.3	5.07	43.72	54	-10.28	-	-	209	259	H
4	* 2.488	27.25	RMS	32.6	-20.4	5.07	44.55	54	-9.45	-	-	209	259	H
2	2.553	38.33	Pk	32.7	-20.5	0	50.53	-	-	74	-23.47	209	259	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Ftr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 2.484	35.74	Pk	32.6	-20.3	0	48.04	-	-	74	-25.96	134	112	V
3	* 2.484	25.53	RMS	32.6	-20.3	5.07	42.93	54	-11.07	-	-	134	112	V
4	* 2.489	27.29	RMS	32.6	-20.5	5.07	44.49	54	-9.51	-	-	134	112	V
2	2.537	38.35	Pk	32.7	-20.3	0	50.75	-	-	74	-23.25	134	112	V

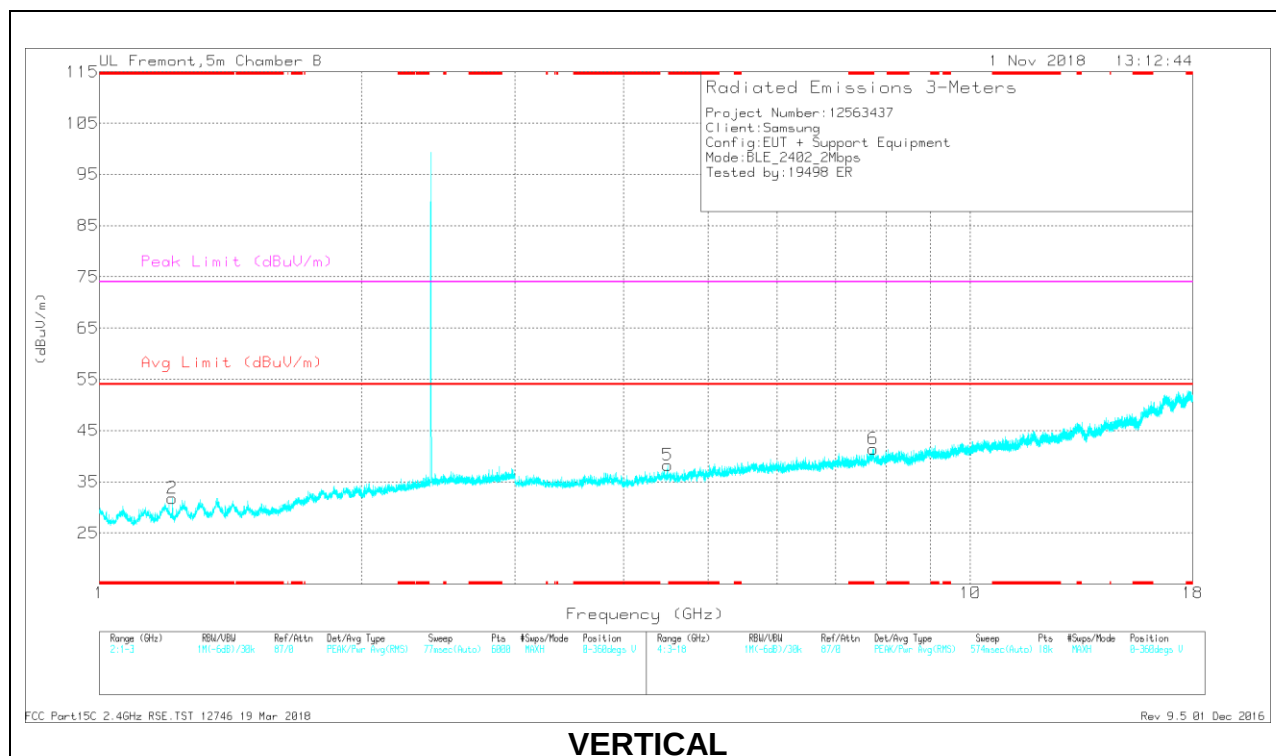
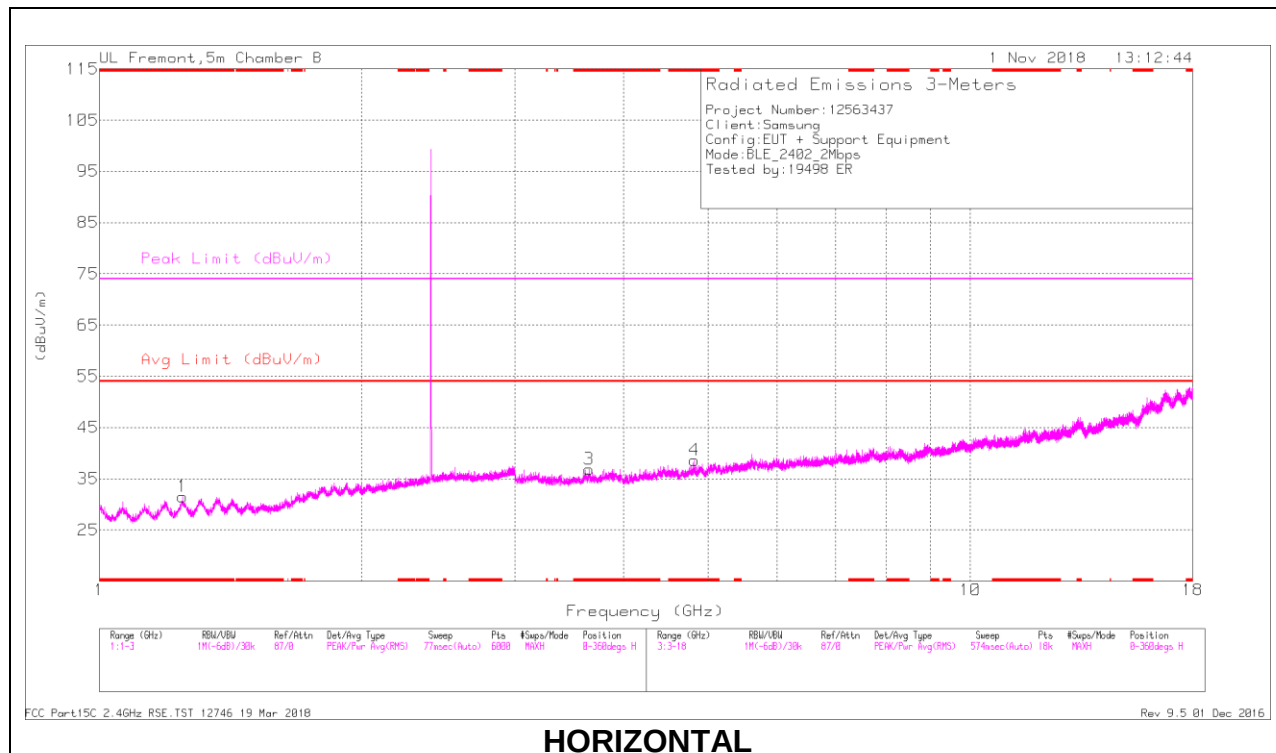
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL RESULTS



RADIATED EMISSIONS

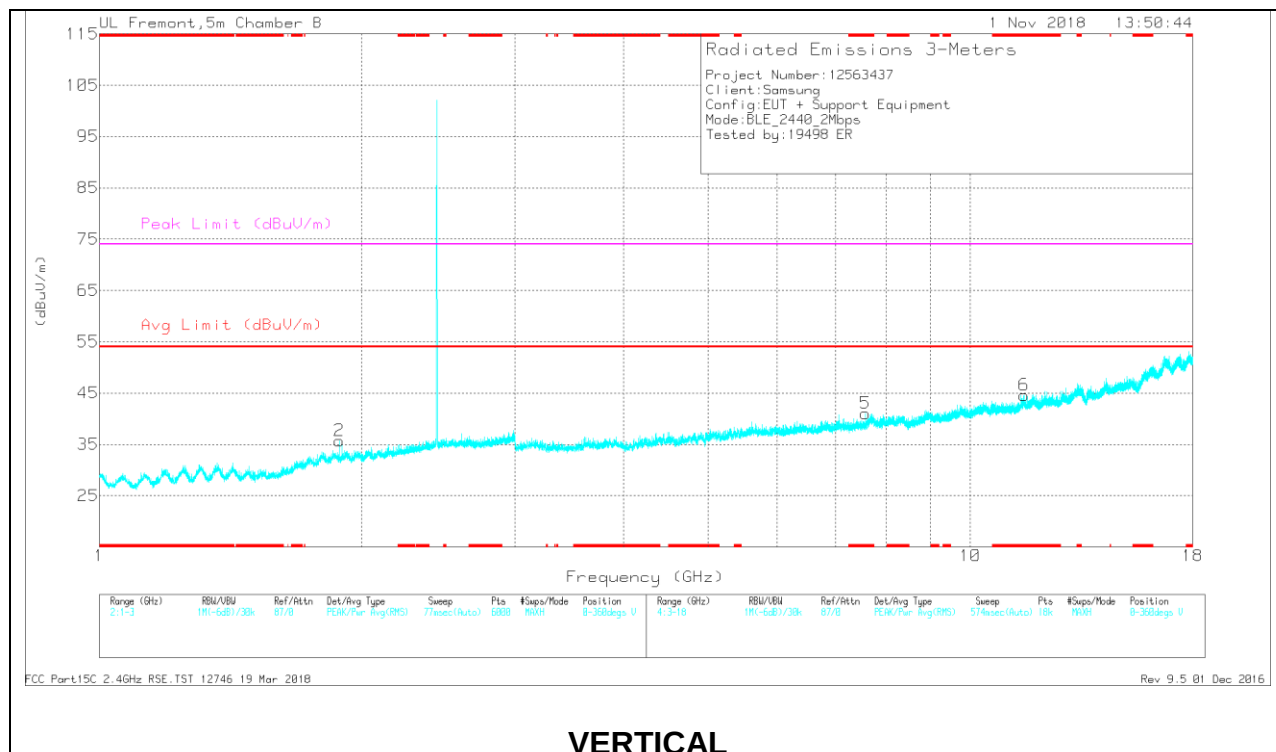
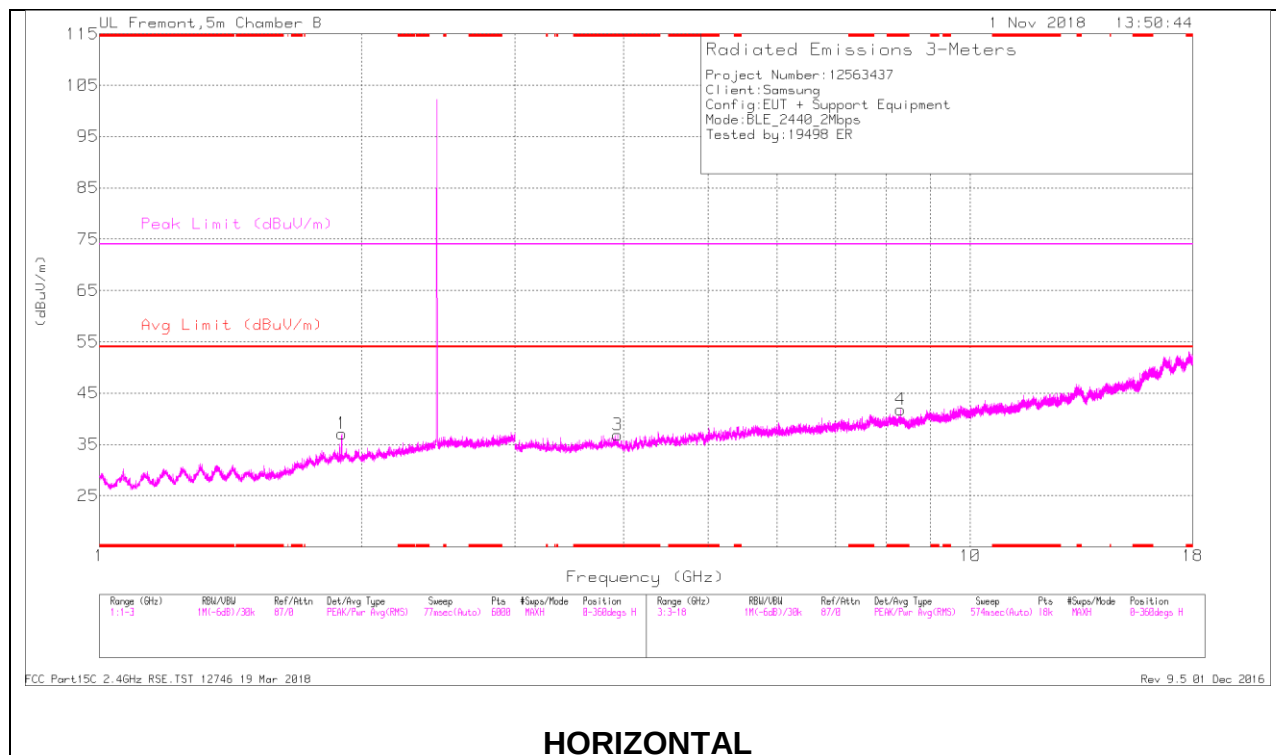
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filtz/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.244	31.17	PK2	28.3	-21.9	0	37.57	-	-	74	-36.43	112	157	H
* 1.244	19.54	MAv1	28.3	-21.9	5.07	31.04	54	-22.96	-	-	112	157	H
* 1.212	29.07	PK2	28.2	-22.1	0	35.17	-	-	74	-38.83	211	208	V
* 1.211	17.62	MAv1	28.2	-22.1	5.07	28.82	54	-25.18	-	-	211	208	V
* 3.651	39.33	PK2	33.3	-30.4	0	42.23	-	-	74	-31.77	121	172	H
* 3.651	28.55	MAv1	33.3	-30.4	5.07	36.55	54	-17.45	-	-	121	172	H
* 4.823	38.6	PK2	34.1	-29.2	0	43.5	-	-	74	-30.5	143	127	H
* 4.823	27.29	MAv1	34.1	-29.2	5.07	37.29	54	-16.71	-	-	143	127	H
* 7.73	36.71	PK2	36.5	-25.2	0	48.01	-	-	74	-25.99	324	179	V
* 7.73	24.96	MAv1	36.5	-25.2	5.07	41.36	54	-12.64	-	-	324	179	V
4.496	38.91	PK2	33.8	-29.1	0	43.61	-	-	-	-	274	210	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

MID CHANNEL RESULTS



RADIATED EMISSIONS

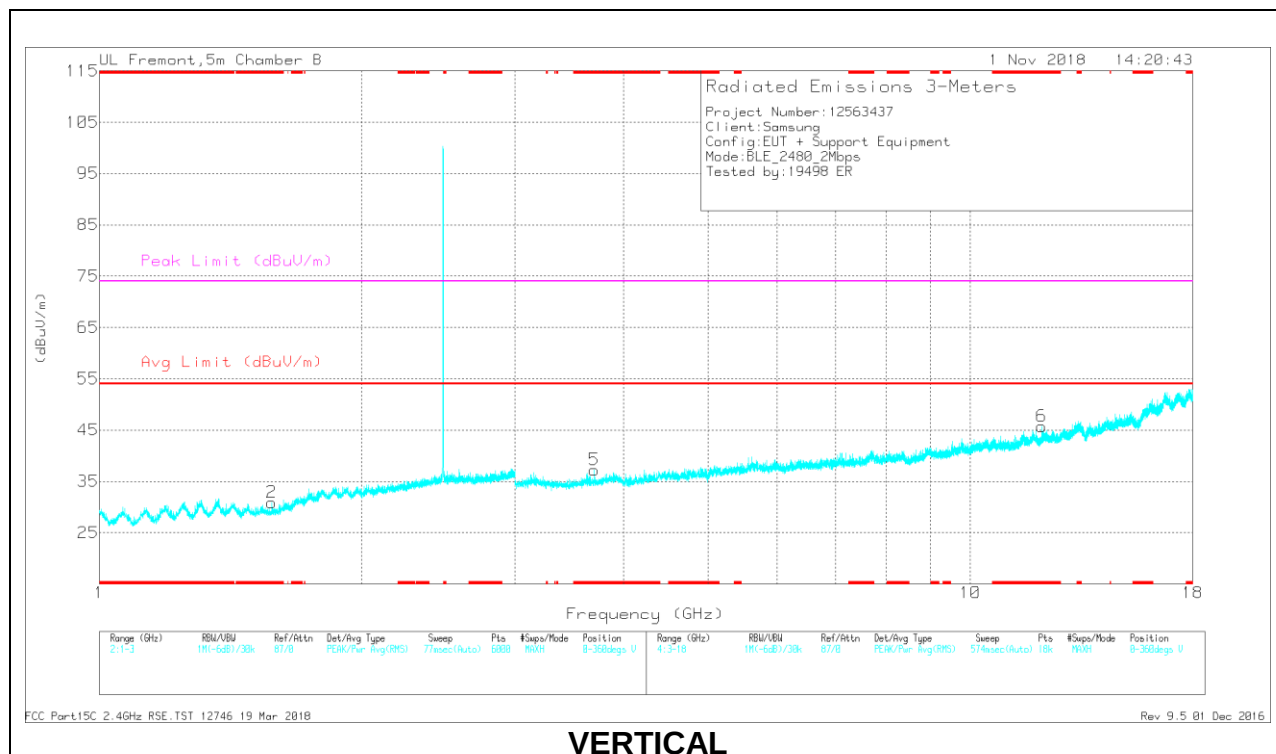
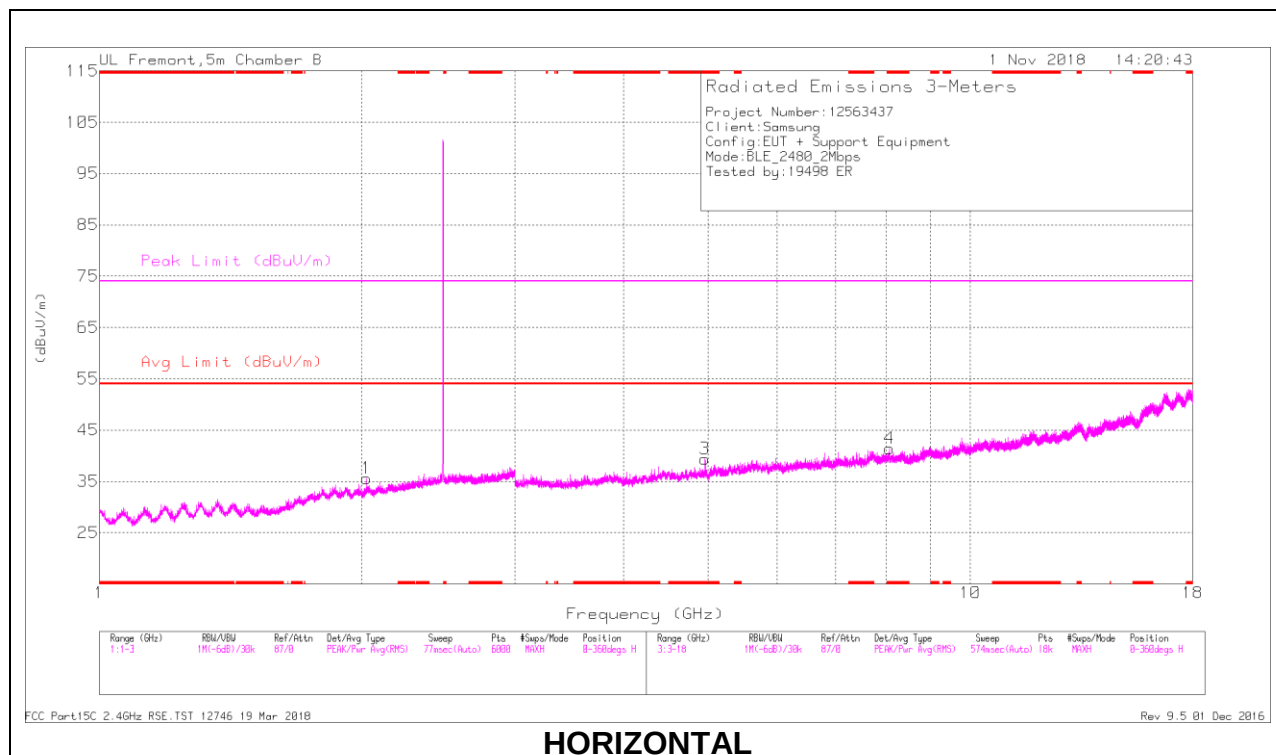
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 3.937	39.28	PK2	33.4	-29.9	0	42.78	-	-	74	-31.22	179	237	H
* 3.936	28.06	MAV1	33.4	-29.9	5.07	36.66	54	-17.34	-	-	179	237	H
* 8.319	35.68	PK2	36.3	-24.9	0	47.08	-	-	74	-26.92	57	169	H
* 8.32	24.49	MAV1	36.3	-24.9	5.07	40.99	54	-13.01	-	-	57	169	H
* 7.579	36.55	PK2	36.3	-27.3	0	45.55	-	-	74	-28.45	351	191	V
* 7.575	25.07	MAV1	36.3	-27.1	5.07	39.37	54	-14.63	-	-	351	191	V
* 11.523	33.37	PK2	38.5	-21.6	0	50.27	-	-	74	-23.73	296	180	V
* 11.523	22.11	MAV1	38.5	-21.6	5.07	44.11	54	-9.89	-	-	296	180	V
1.885	28.53	PK2	31	-20.6	0	38.93	-	-	-	-	148	161	V
1.9	28.55	PK2	31.1	-20.6	0	39.05	-	-	-	-	283	138	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAV1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T863 (dB/m)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.58	29.16	PK2	27.7	-20.7	0	36.16	-	-	74	-37.84	187	137	V
* 1.577	17.87	MAv1	27.7	-20.7	5.07	29.97	54	-24.03	-	-	187	137	V
* 4.961	45.46	PK2	34.5	-29.4	0	50.56	-	-	74	-23.44	246	186	H
* 4.961	26.84	MAv1	34.5	-29.5	5.07	36.94	54	-17.06	-	-	246	186	H
* 8.07	36.46	PK2	36.5	-25.7	0	47.26	-	-	74	-26.74	120	239	H
* 8.07	25.17	MAv1	36.5	-25.7	5.07	41.07	54	-12.93	-	-	120	239	H
* 3.702	39.58	PK2	33.2	-30.6	0	42.18	-	-	74	-31.82	165	296	V
* 3.704	28.95	MAv1	33.2	-30.7	5.07	36.55	54	-17.45	-	-	165	296	V
* 12.071	33.41	PK2	38.9	-21.7	0	50.61	-	-	74	-23.39	225	151	V
* 12.071	22.06	MAv1	38.9	-21.7	5.07	44.36	54	-9.64	-	-	225	151	V
2.002	29.12	PK2	30.9	-20.6	0	39.42	-	-	-	-	288	174	H

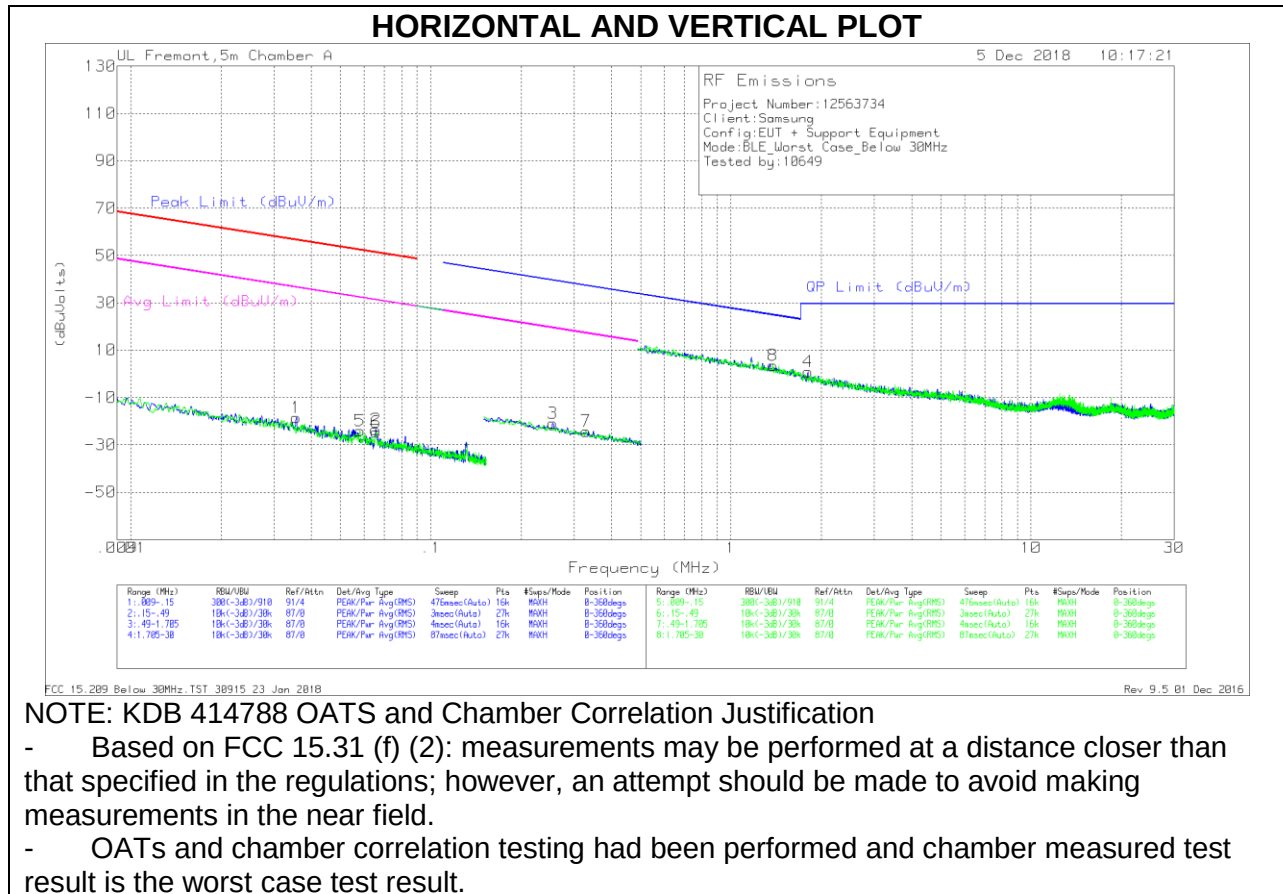
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.3. Worst Case Below 30 MHz

SPURIOUS EMISSIONS 9 kHz TO 30 MHz (WORST-CASE CONFIGURATION)



Below 30 MHz Data

Trace Markers

Trace Markers

	Frequenc y (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cable s (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
1	.03562	46.62	Pk	15	0	-80	-18.38	56.55	-74.93	36.55	-54.93	-	-	-	-	0-360
5	.05807	41.56	Pk	14.3	0	-80	-24.14	52.31	-76.45	32.31	-56.45	-	-	-	-	0-360
2	.06552	42.27	Pk	14.2	0	-80	-23.53	51.26	-74.79	31.26	-54.79	-	-	-	-	0-360
6	.06582	41.16	Pk	14.2	0	-80	-24.64	51.22	-75.86	31.22	-55.86	-	-	-	-	0-360
3	.25509	45.22	Pk	13.7	.1	-80	-20.98	-	-	-	-	39.48	-60.46	19.48	-40.46	0-360
7	.32854	41.99	Pk	13.7	.1	-80	-24.21	-	-	-	-	37.28	-61.49	17.28	-41.49	0-360

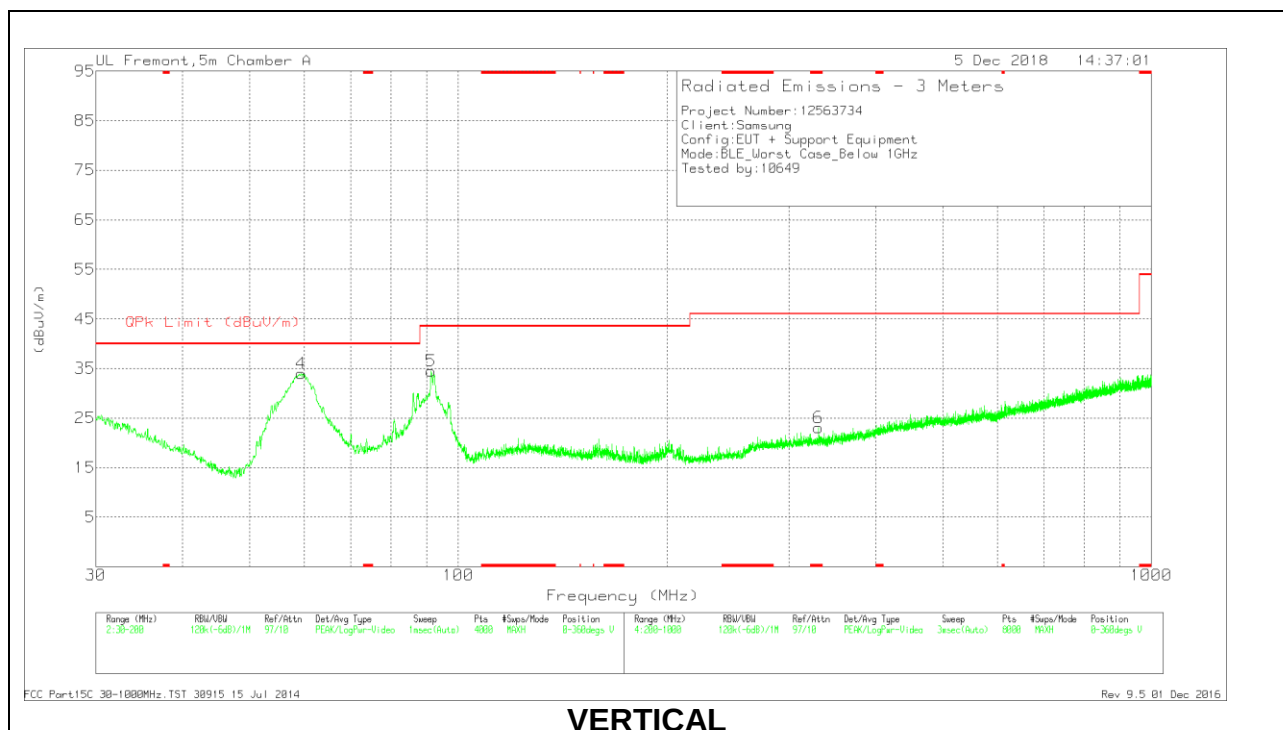
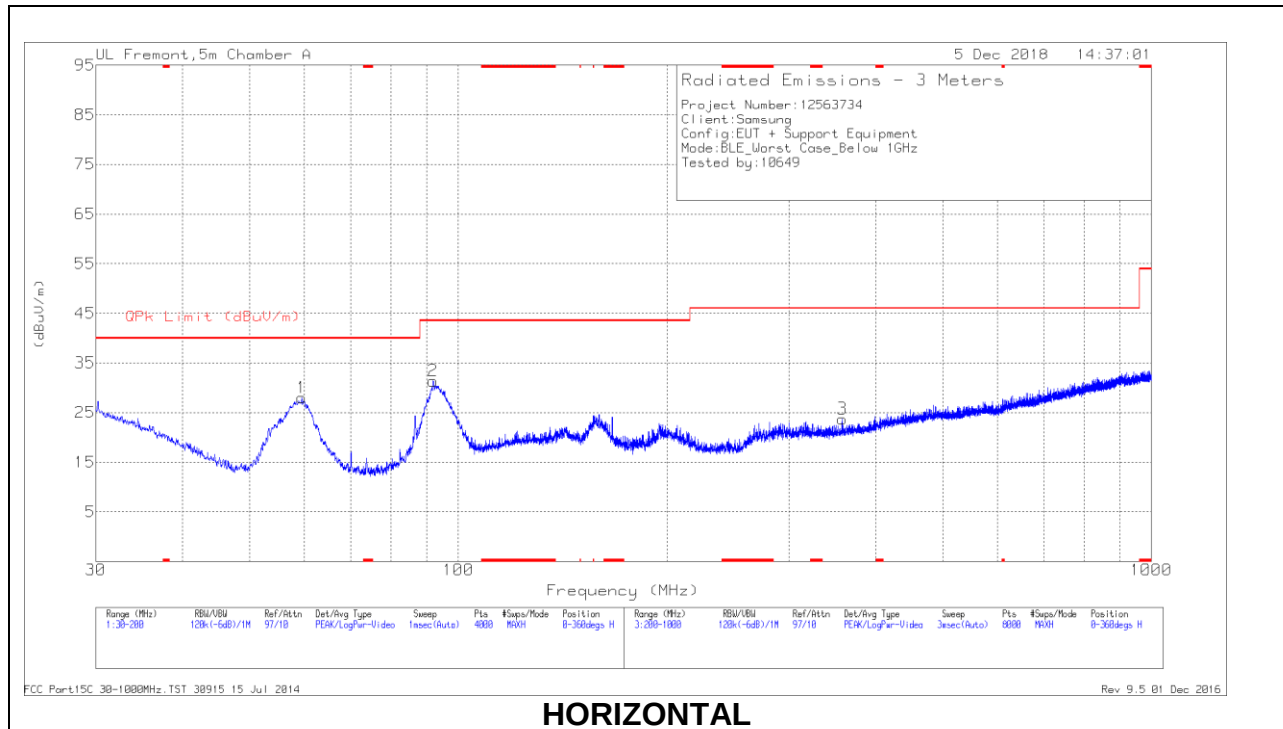
Pk - Peak detector

Mar ker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cable s (dB)	Dist Corr 30m	Corrected Reading (dBuVolts)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)
8	1.38019	29.17	Pk	14.2	.2	-40	3.57	24.83	-21.26	0-360
4	1.80561	26.44	Pk	14.2	.2	-40	.84	29.5	-28.66	0-360

Pk - Peak detector

9.4. Worst Case Below 1 GHz

SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION)



Below 1GHz Data

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	* 331.2171	29.54	Pk	17.9	-24.4	23.04	46.02	-22.98	0-360	200	V
4	59.3326	49.3	Pk	11.5	-26.8	34	40	-6	0-360	100	V
1	59.4601	43.27	Pk	11.5	-26.8	27.97	40	-12.03	0-360	400	H
5	91.3859	48.83	Pk	12	-26.4	34.43	43.52	-9.09	0-360	100	V
2	92.0235	45.68	Pk	12.1	-26.4	31.38	43.52	-12.14	0-360	200	H
3	357.9205	29.66	Pk	18.6	-24.5	23.76	46.02	-22.26	0-360	101	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

Radiated Emissions

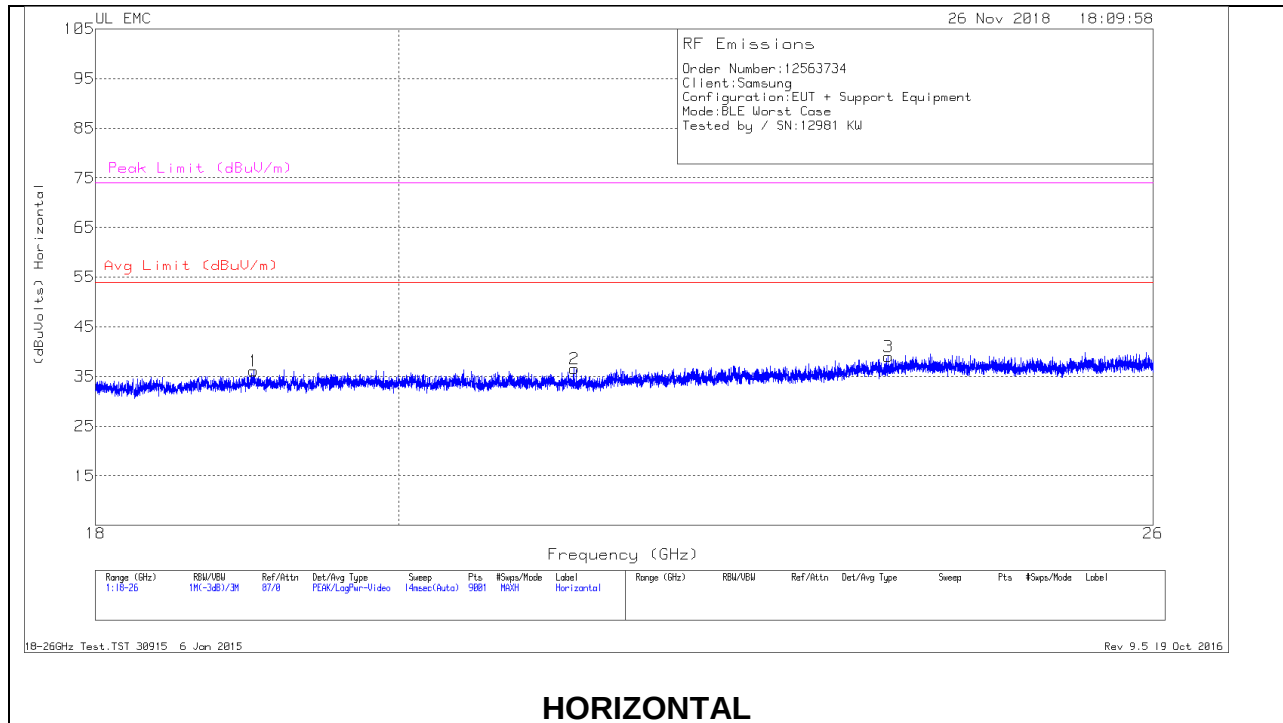
Frequency (MHz)	Meter Reading (dBuV)	Det	PRE0181574 (dB/m)	Amp/Cbl (dB/m)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
59.372	45.81	Qp	11.5	-26.8	30.51	40	-9.49	8	101	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

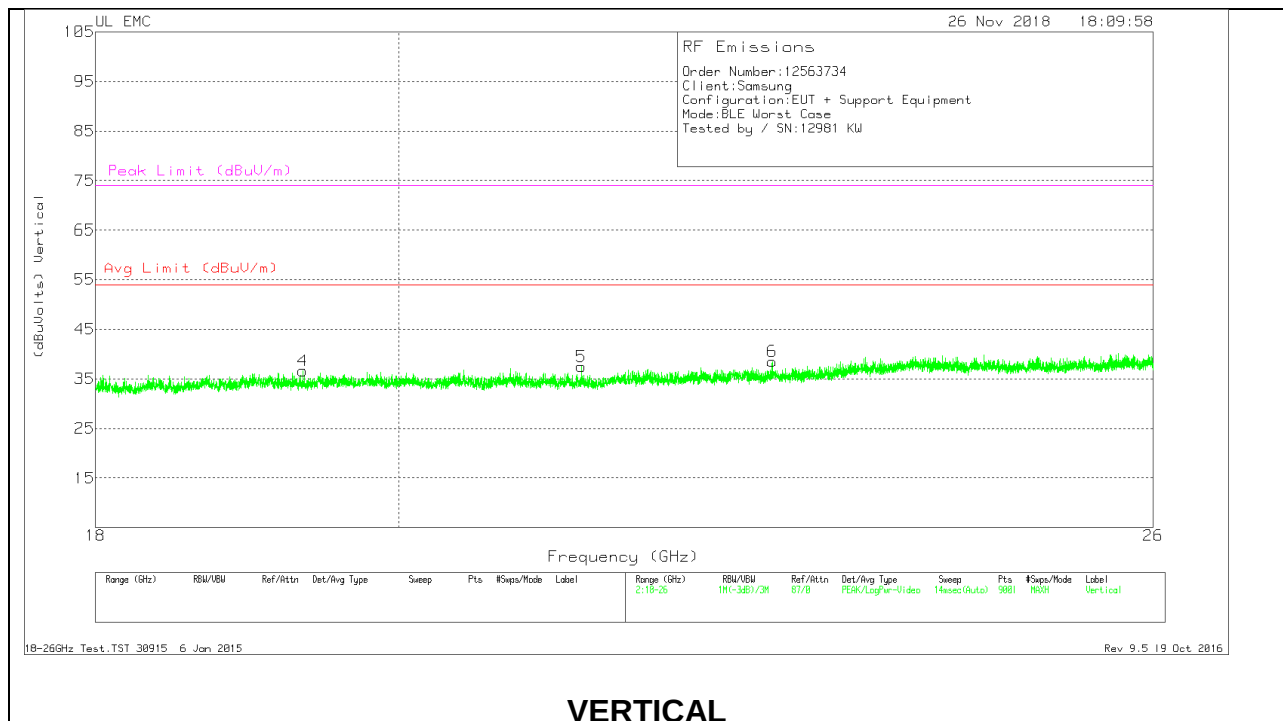
Qp - Quasi-Peak detector

9.5. Worst Case 18-26 GHz

SPURIOUS EMISSIONS 18-26 GHz (WORST-CASE CONFIGURATION)



HORIZONTAL



VERTICAL

18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBUV)	Det	T447 AF (dB/m)	Amp/Cbl (dB)	Dist Corr (dB)	Corrected Reading (dBUVolts)	Avg Limit (dBUV/m)	Margin (dB)	Peak Limit (dBUV/m)	PK Margin (dB)
1	19.019	37.73	Pk	32.6	-24.7	-9.5	36.13	54	-17.87	74	-37.87
2	21.259	38.47	Pk	33	-25.4	-9.5	36.57	54	-17.43	74	-37.43
3	23.711	38.7	Pk	34.1	-24.3	-9.5	39	54	-15	74	-35
4	19.346	38.12	Pk	32.7	-24.7	-9.5	36.62	54	-17.38	74	-37.38
5	21.313	39.17	Pk	33	-25.2	-9.5	37.47	54	-16.53	74	-36.53
6	22.774	39.22	Pk	33.5	-24.7	-9.5	38.52	54	-15.48	74	-35.48

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

* Decreases with the logarithm of the frequency.

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

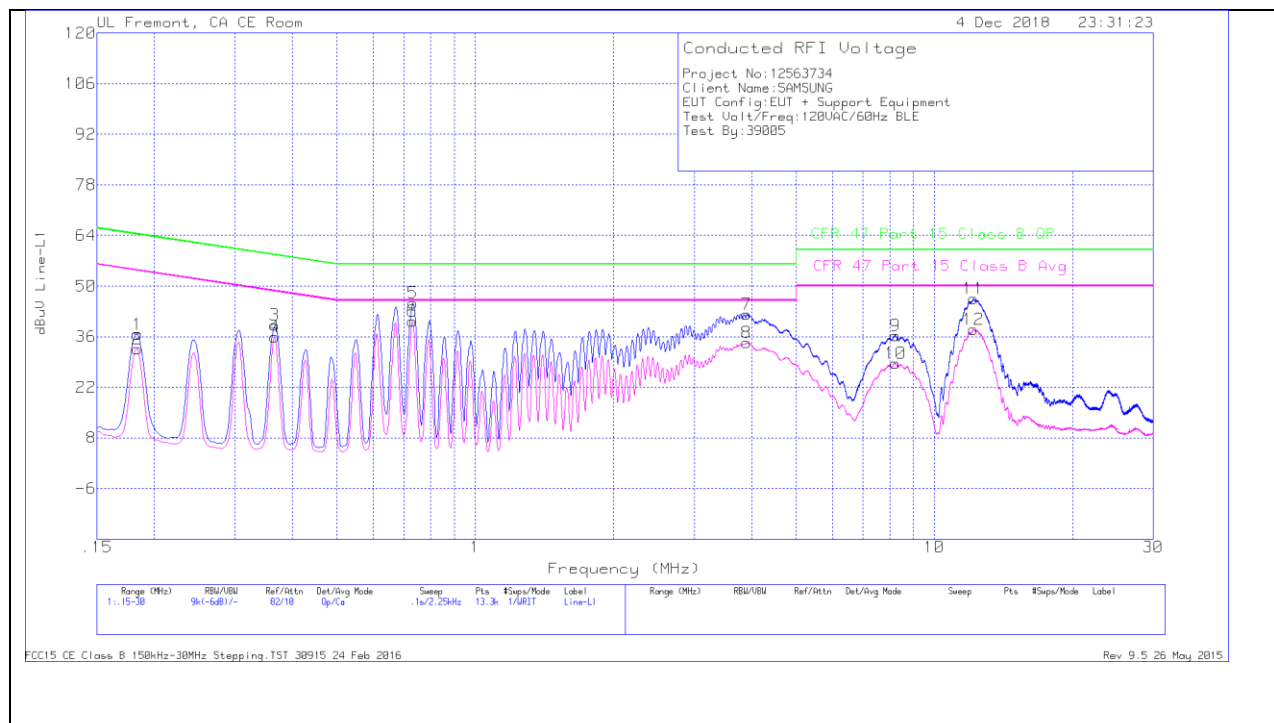
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

10.1.1. AC Power Line Norm

LINE 1 RESULTS

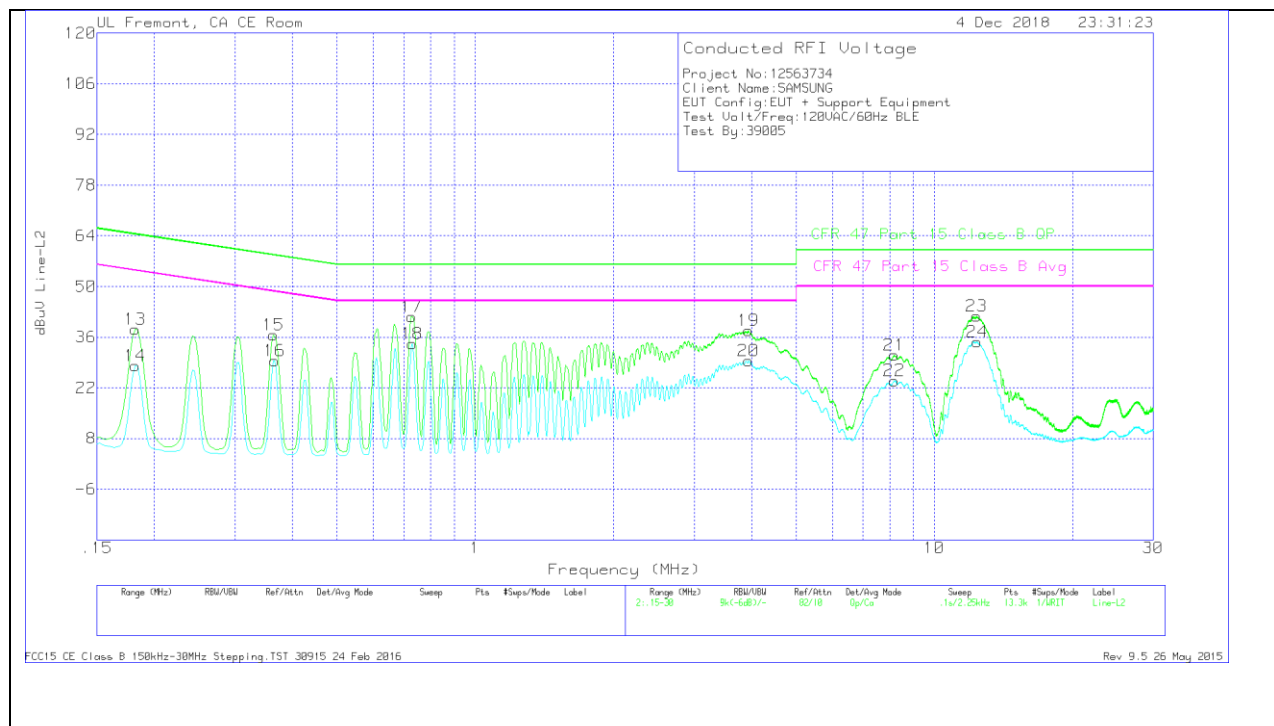


Range 1: Line-L1 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L1	LC Cables C1&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
1	.18375	26.56	Qp	0	0	10.1	36.66	64.31	-27.65	-	-
2	.18375	22.44	Ca	0	0	10.1	32.54	-	-	54.31	-21.77
3	.366	29.07	Qp	0	0	10.1	39.17	58.59	-19.42	-	-
4	.366	25.8	Ca	0	0	10.1	35.9	-	-	48.59	-12.69
5	.73275	35.17	Qp	0	0	10.1	45.27	56	-10.73	-	-
6	.7305	30.22	Ca	0	0	10.1	40.32	-	-	46	-5.68
7	3.903	31.97	Qp	0	.1	10.1	42.17	56	-13.83	-	-
8	3.90413	24.12	Ca	0	.1	10.1	34.32	-	-	46	-11.68
9	8.22525	25.85	Qp	0	.2	10.2	36.25	60	-23.75	-	-
10	8.22525	18.23	Ca	0	.2	10.2	28.63	-	-	50	-21.37
11	12.183	35.98	Qp	.1	.2	10.2	46.48	60	-13.52	-	-
12	12.18075	27.46	Ca	.1	.2	10.2	37.96	-	-	50	-12.04

Qp - Quasi-Peak detector

Ca - CISPR average detection

LINE 2 RESULTS



Range 2: Line-L2 .15 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN L2	LC Cables C2&C3	Limiter (dB)	Corrected Reading dBuV	CFR 47 Part 15 Class B QP	QP Margin (dB)	CFR 47 Part 15 Class B Avg	Av(CISPR) Margin (dB)
13	.1815	28.13	Qp	0	0	10.1	38.23	64.42	-26.19	-	-
14	.1815	17.98	Ca	0	0	10.1	28.08	-	-	54.42	-26.34
15	.36375	26.51	Qp	0	0	10.1	36.61	58.64	-22.03	-	-
16	.366	19.46	Ca	0	0	10.1	29.56	-	-	48.59	-19.03
17	.72825	31.62	Qp	0	0	10.1	41.72	56	-14.28	-	-
18	.7305	24.02	Ca	0	0	10.1	34.12	-	-	46	-11.88
19	3.93675	27.58	Qp	0	.1	10.1	37.78	56	-18.22	-	-
20	3.939	19.23	Ca	0	.1	10.1	29.43	-	-	46	-16.57
21	8.19375	20.64	Qp	0	.2	10.2	31.04	60	-28.96	-	-
22	8.1915	13.61	Ca	0	.2	10.2	24.01	-	-	50	-25.99
23	12.381	31.27	Qp	.1	.2	10.2	41.77	60	-18.23	-	-
24	12.4125	24.24	Ca	.1	.2	10.2	34.74	-	-	50	-15.26

Qp - Quasi-Peak detector

Ca - CISPR average detection