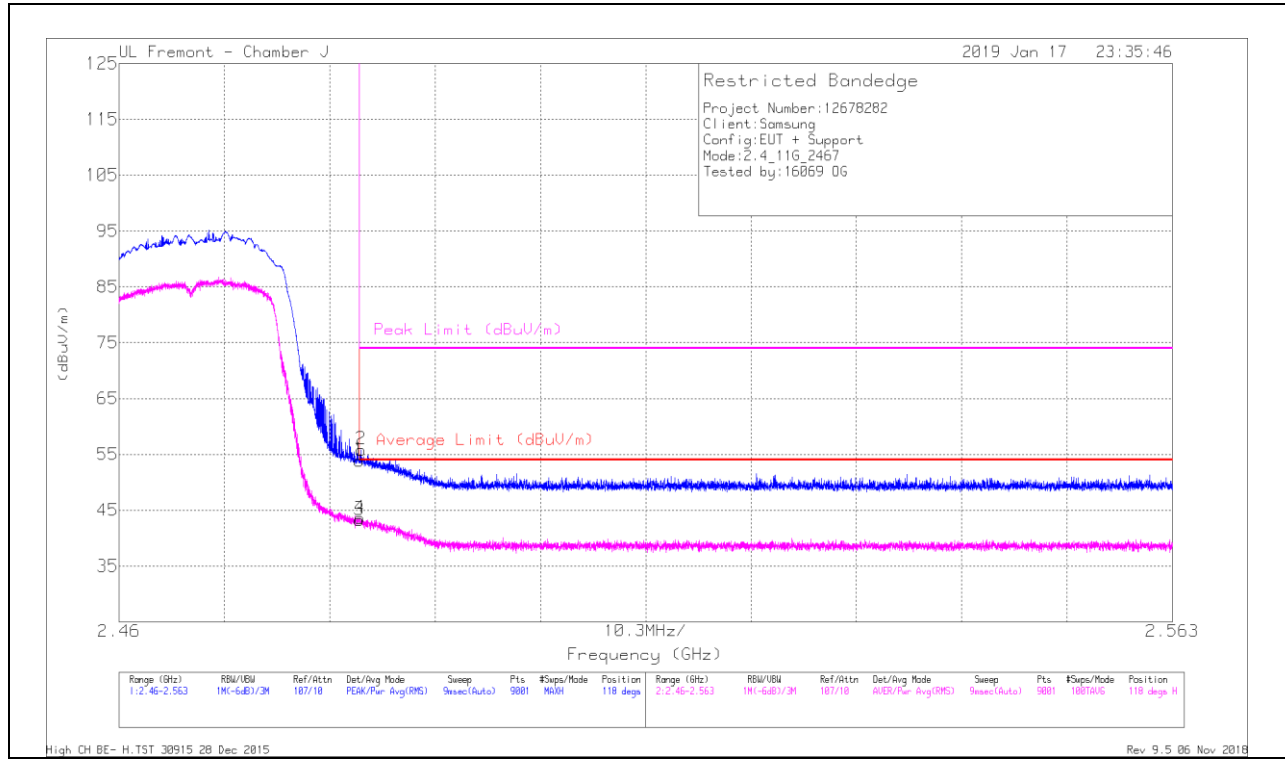


BANDEDGE (HIGH CHANNEL, CH 12)

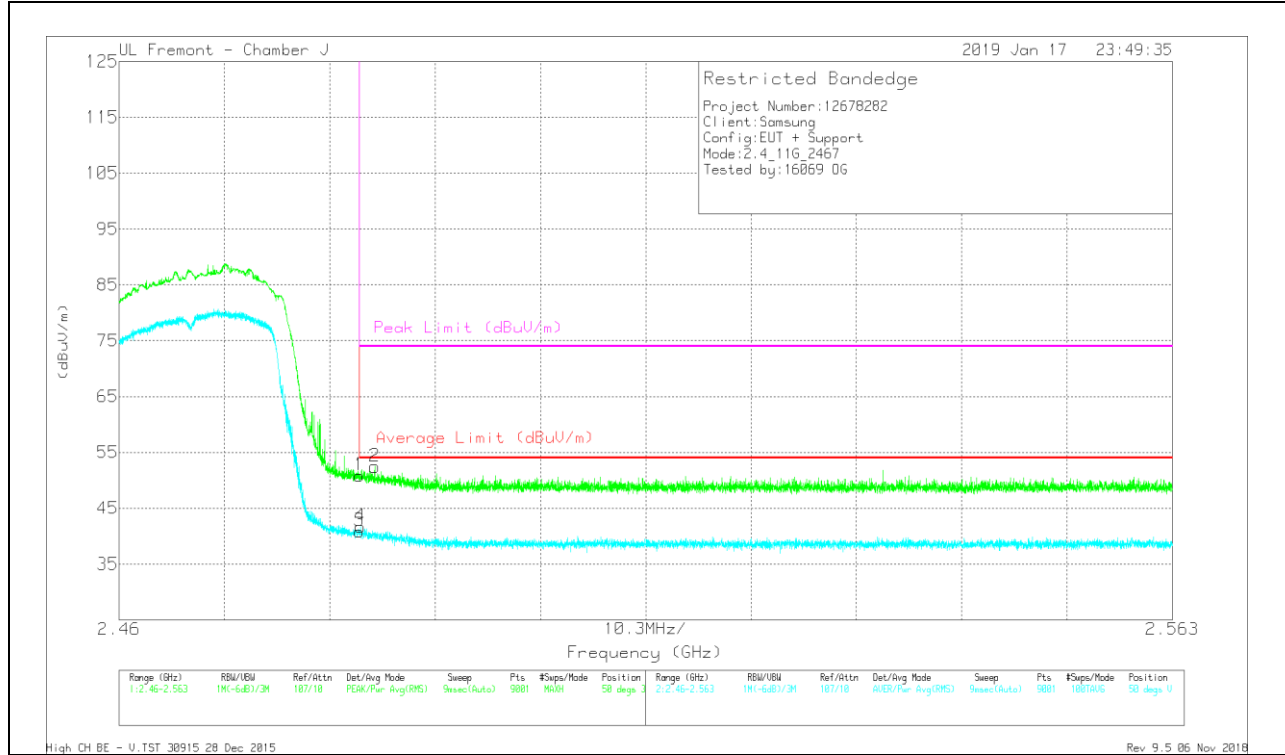
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (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	* 2.484	47.19	Pk	32.5	-25.8	0	53.89	-	-	74	-20.11	118	234	H
2	* 2.484	49.15	Pk	32.5	-25.8	0	55.85	-	-	74	-18.15	118	234	H
3	* 2.484	36.16	RMS	32.5	-25.8	.4	43.26	54	-10.74	-	-	118	234	H
4	* 2.484	36.49	RMS	32.5	-25.8	.4	43.59	54	-10.41	-	-	118	234	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	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	44.17	Pk	32.5	-25.8	0	50.87	-	-	74	-23.13	50	331	V
2	* 2.485	45.77	Pk	32.5	-25.8	0	52.47	-	-	74	-21.53	50	331	V
3	* 2.484	33.77	RMS	32.5	-25.8	.4	40.87	54	-13.13	-	-	50	331	V
4	* 2.484	34.6	RMS	32.5	-25.8	.4	41.7	54	-12.3	-	-	50	331	V

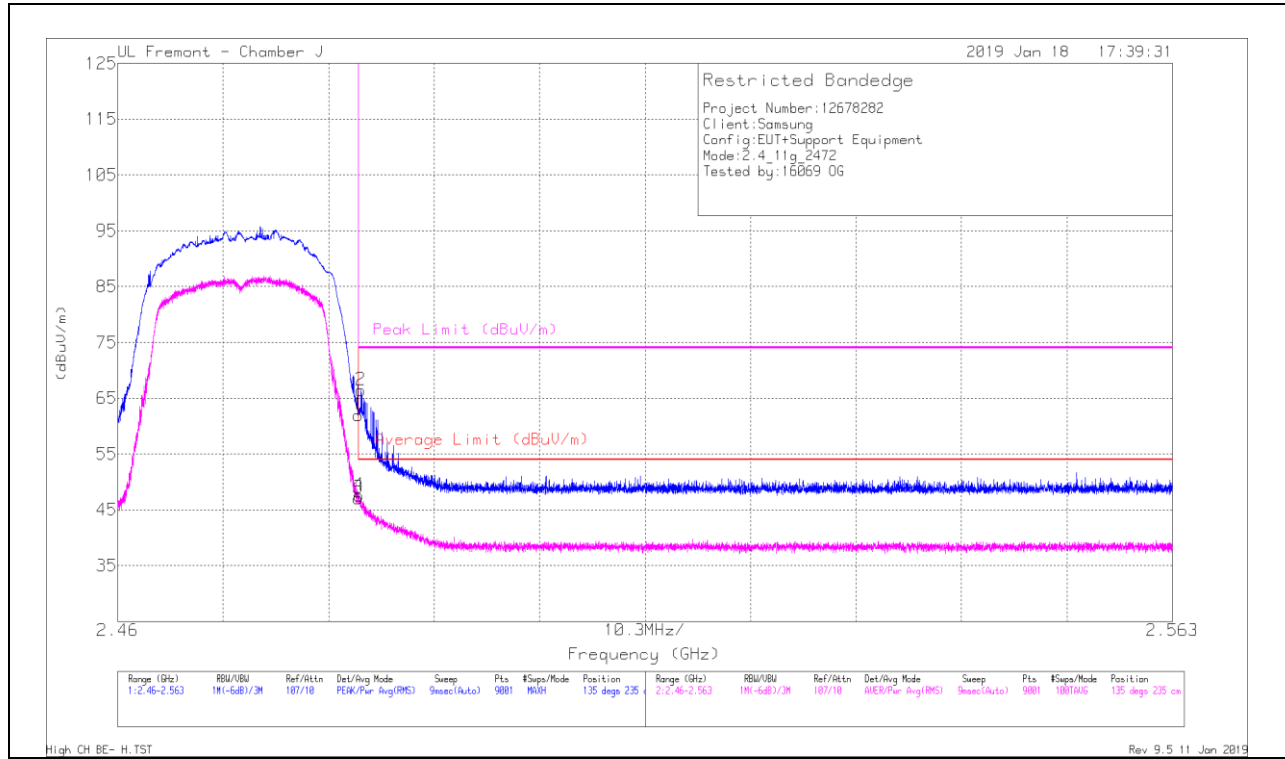
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

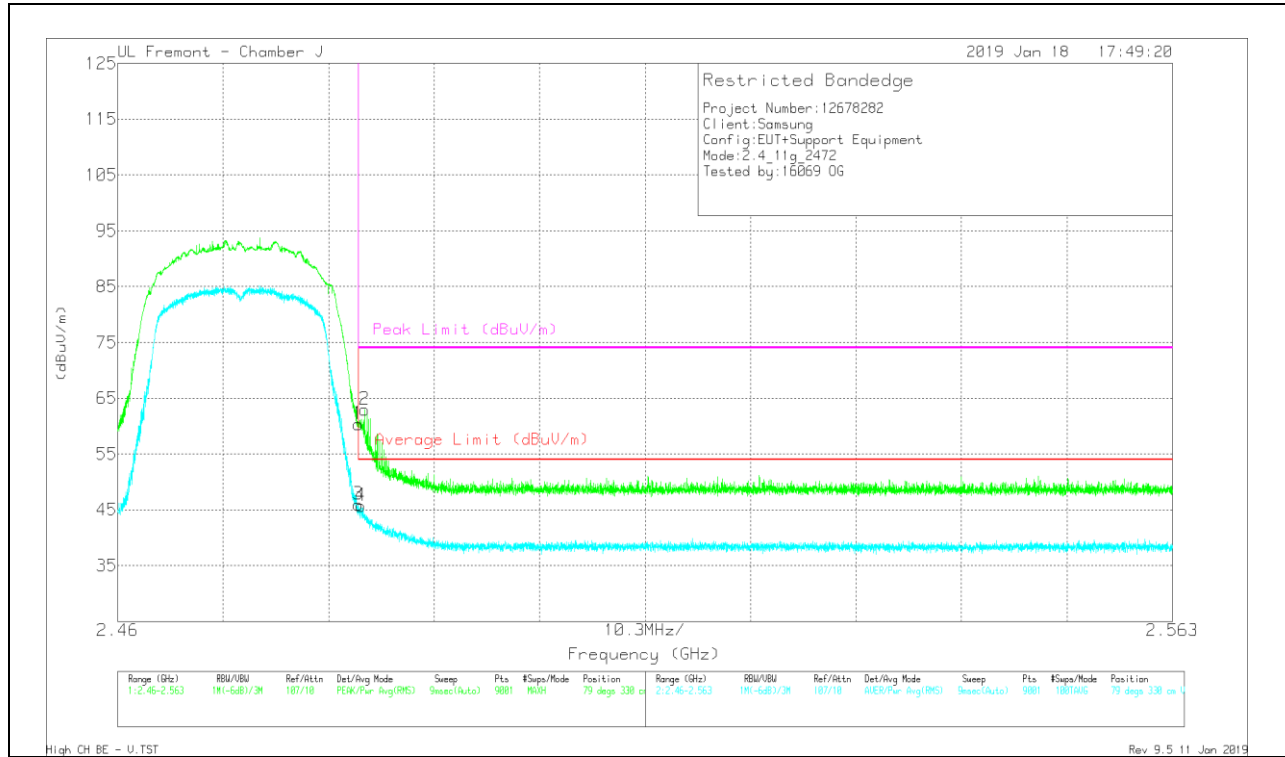
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/Cbl/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	55.29	Pk	32.5	-25.8	0	61.99	-	-	74	-12.01	135	235	H
2	* 2.484	59.7	Pk	32.5	-25.8	0	66.4	-	-	74	-7.6	135	235	H
3	* 2.484	39.95	RMS	32.5	-25.8	.4	47.05	54	-6.95	-	-	135	235	H
4	* 2.484	40.5	RMS	32.5	-25.8	.4	47.6	54	-6.4	-	-	135	235	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	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	53.63	Pk	32.5	-25.8	0	60.33	-	-	74	-13.67	79	330	V
2	* 2.484	56.26	Pk	32.5	-25.8	0	62.96	-	-	74	-11.04	79	330	V
3	* 2.484	38.82	RMS	32.5	-25.8	.4	45.92	54	-8.08	-	-	79	330	V
4	* 2.484	38.64	RMS	32.5	-25.8	.4	45.74	54	-8.26	-	-	79	330	V

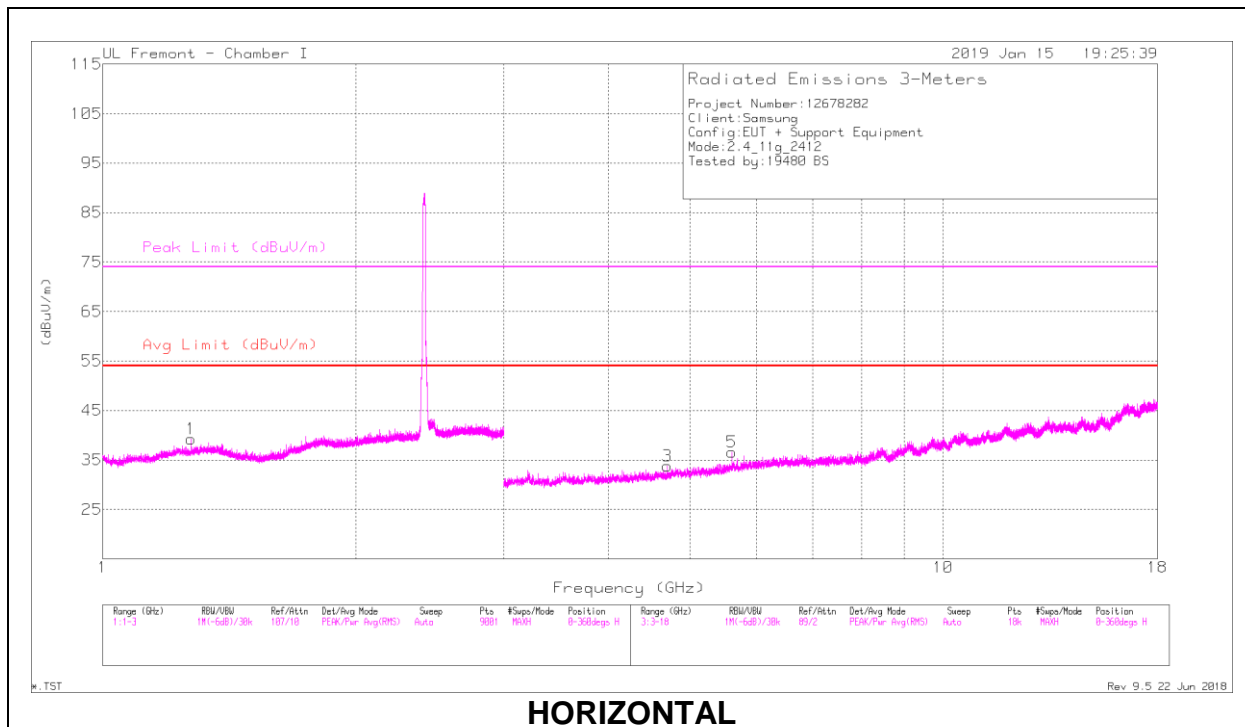
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

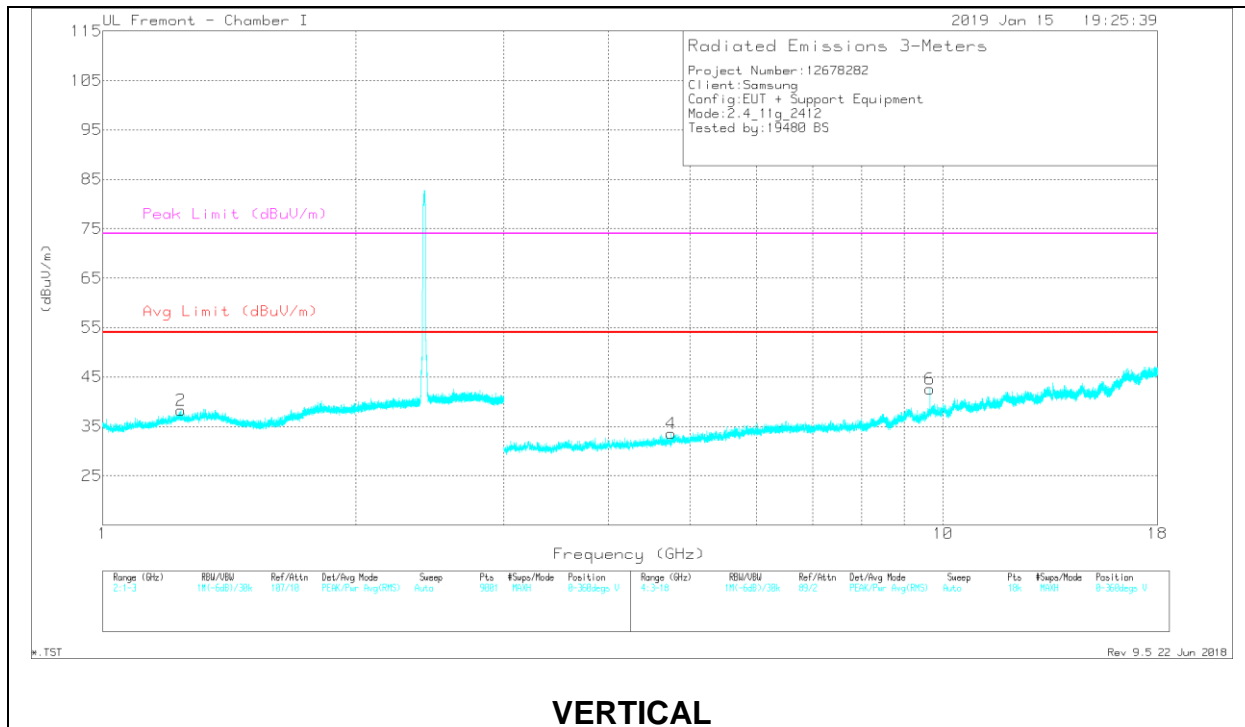
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

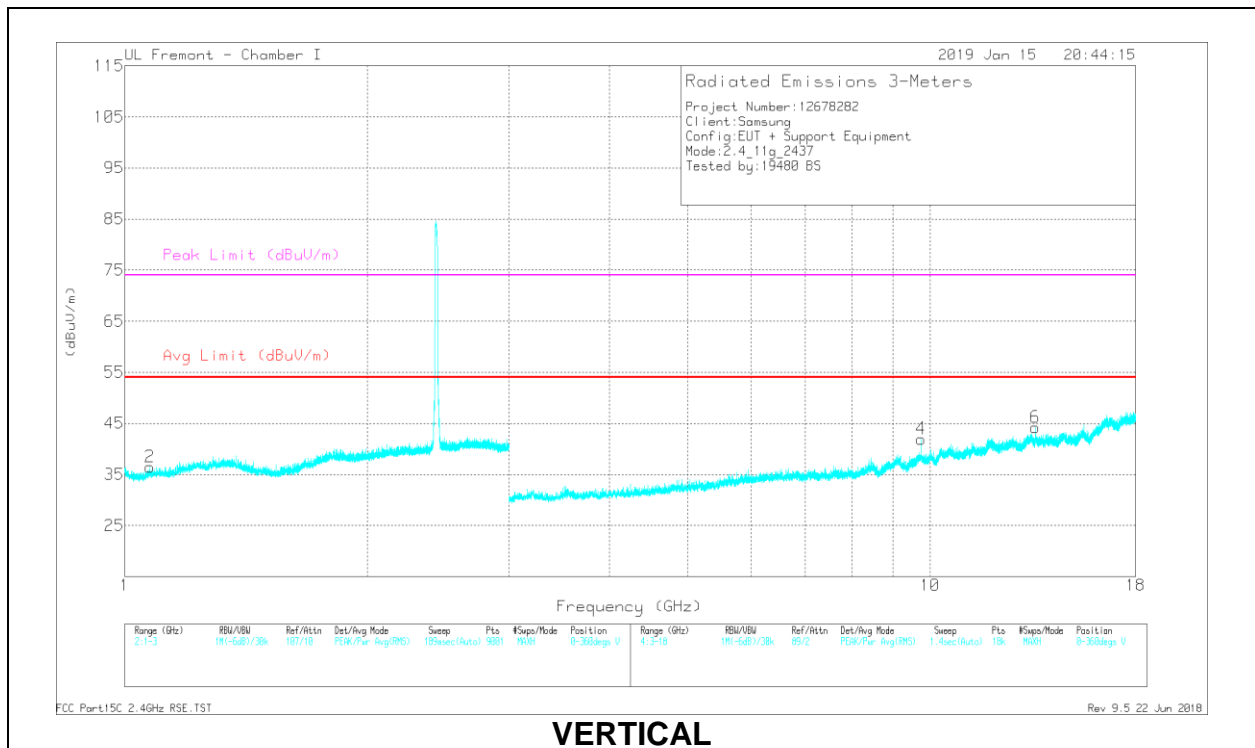
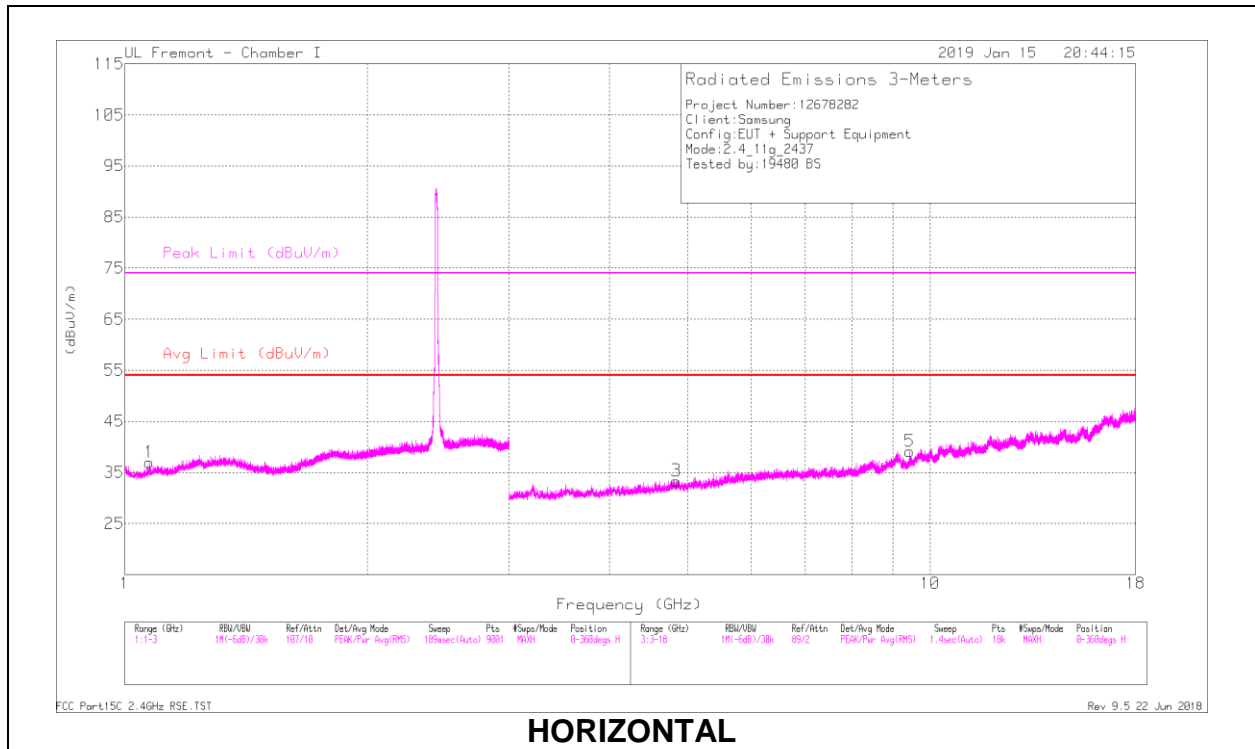
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/ Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.272	38.66	PK2	29	-22.9	0	44.76	-	-	74	-29.24	18	133	H
* 1.273	28.69	MAv1	29	-22.9	.4	35.19	54	-18.81	-	-	18	133	H
* 1.238	38.45	PK2	29	-22.9	0	44.55	-	-	74	-29.45	111	377	V
* 1.238	28.94	MAv1	29	-22.9	.4	35.44	54	-18.56	-	-	111	377	V
* 4.699	35.39	PK2	33.8	-29	0	40.19	-	-	74	-33.81	329	292	H
* 4.7	25.45	MAv1	33.8	-29	.4	30.65	54	-23.35	-	-	329	292	H
5.607	34.44	PK2	35	-27.8	0	41.64	-	-	-	-	9	379	H
* 4.748	33.3	PK2	33.9	-28.4	0	38.8	-	-	74	-35.2	10	288	V
* 4.748	25.25	MAv1	33.9	-28.4	.4	31.15	54	-22.85	-	-	10	288	V
9.648	33.53	PK2	36.8	-21.5	0	48.83	-	-	-	-	142	104	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, CH 6 RESULTS



RADIATED EMISSIONS

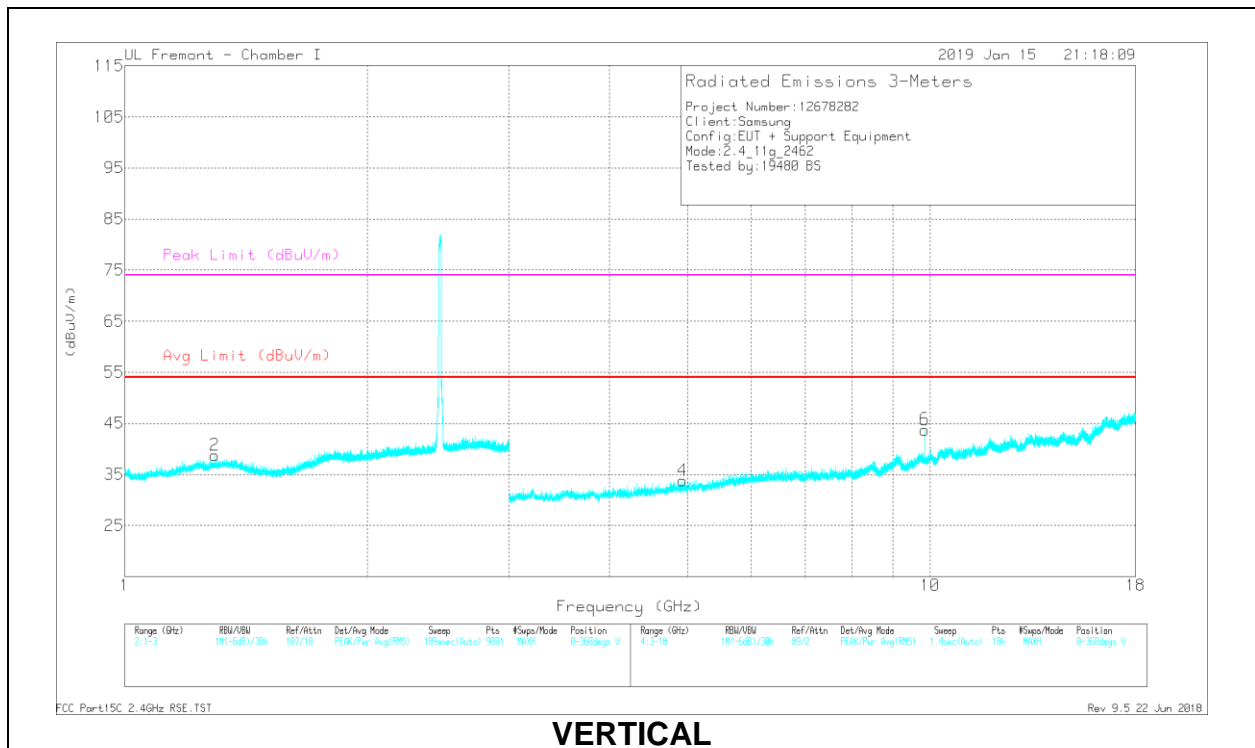
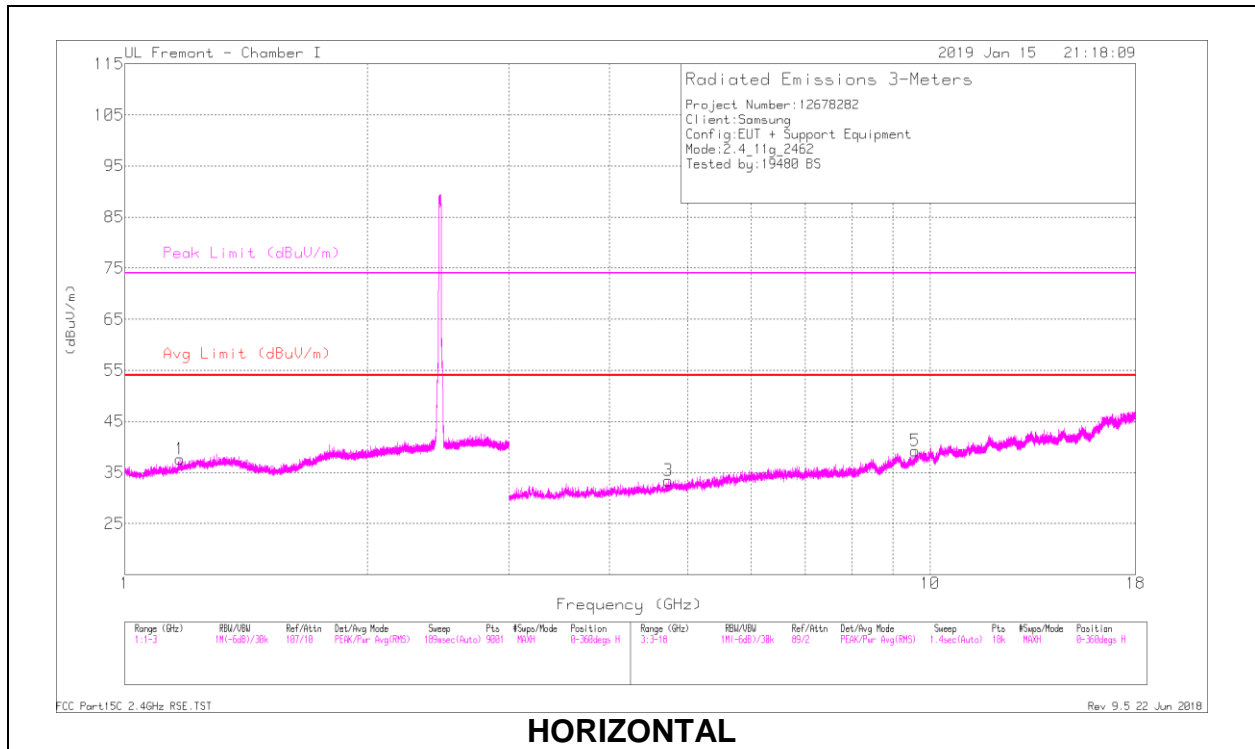
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.074	38.94	PK2	27.3	-23.9	0	42.34	-	-	74	-31.66	334	168	H
* 1.074	29.56	MAv1	27.3	-23.9	.4	33.36	54	-20.64	-	-	334	168	H
* 1.074	39.21	PK2	27.3	-23.9	0	42.61	-	-	74	-31.39	147	247	V
* 1.076	30.37	MAv1	27.3	-23.9	.4	34.17	54	-19.83	-	-	147	247	V
* 4.842	33.47	PK2	34.2	-28.2	0	39.47	-	-	74	-34.53	305	140	H
* 4.841	24.55	MAv1	34.2	-28.2	.4	30.95	54	-23.05	-	-	305	140	H
* 9.436	28.93	PK2	36.5	-20.8	0	44.63	-	-	74	-29.37	76	244	H
* 9.433	19.51	MAv1	36.5	-20.9	.4	35.51	54	-18.49	-	-	76	244	H
9.748	31.47	PK2	36.9	-20.5	0	47.87	-	-	-	-	143	102	V
13.504	32.14	PK2	39.4	-21.2	0	50.34	-	-	-	-	51	109	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, CH 11 RESULTS



RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr /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
* 1.17	38.76	PK2	27.8	-23.2	0	43.36	-	-	74	-30.64	298	254	H
* 1.172	29.53	MAv1	27.7	-23.2	.4	34.43	54	-19.57	-	-	298	254	H
* 1.296	39.63	PK2	29.3	-22.9	0	46.03	-	-	74	-27.97	196	218	V
* 1.293	29.08	MAv1	29.3	-23	.4	35.78	54	-18.22	-	-	196	218	V
* 4.732	34.97	PK2	33.9	-28.4	0	40.47	-	-	74	-33.53	59	352	H
* 4.728	25	MAv1	33.9	-28.5	.4	30.8	54	-23.2	-	-	59	352	H
9.586	30.31	PK2	36.7	-22	0	45.01	-	-	-	-	233	336	H
* 4.925	35.78	PK2	34.2	-29	0	40.98	-	-	74	-33.02	109	257	V
* 4.927	25.16	MAv1	34.2	-29.1	.4	30.66	54	-23.34	-	-	109	257	V
9.848	33.44	PK2	36.9	-22	0	48.34	-	-	-	-	355	105	V

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

PK2 - KDB558074 Method: Maximum Peak

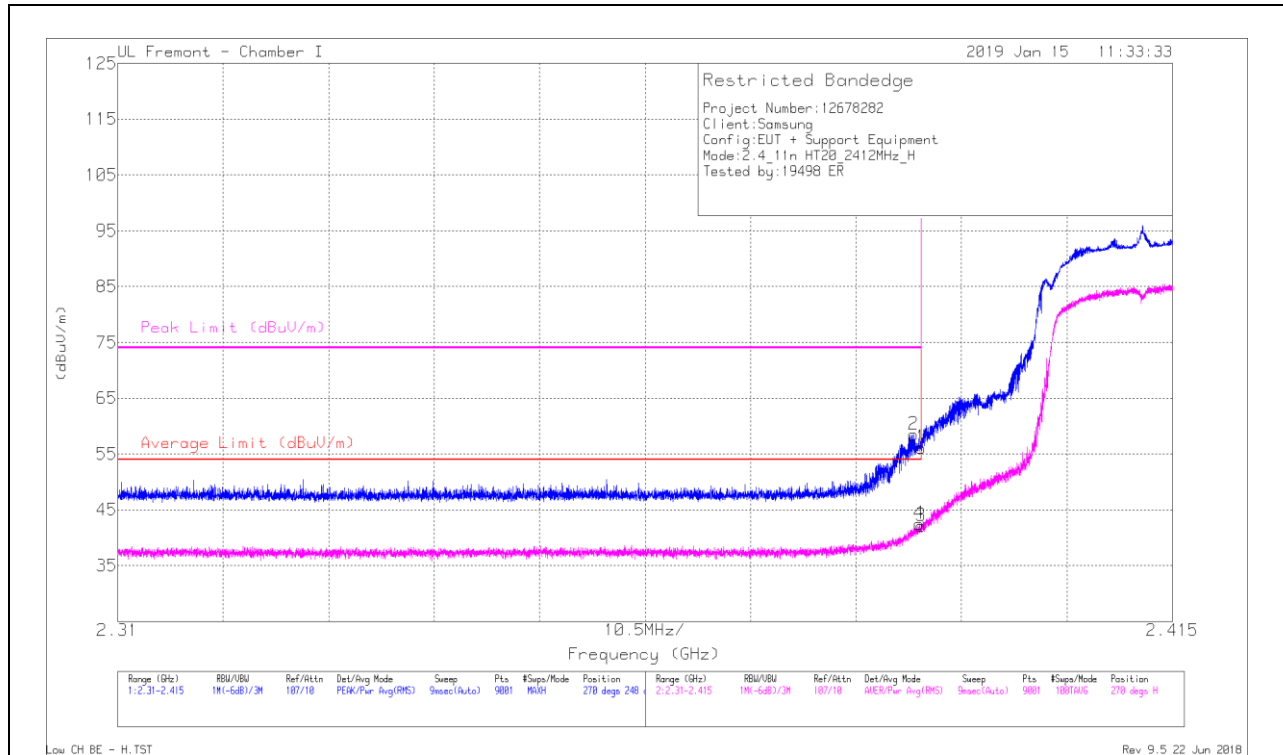
MAv1 - KDB558074 Option 1 Maximum RMS Average

9.1.3. TX ABOVE 1 GHz 802.11n HT20 MODE IN THE 2.4 GHz BAND

1TX Antenna 1 MODE

BANDEDGE (LOW CHANNEL, CH 1)

HORIZONTAL RESULT



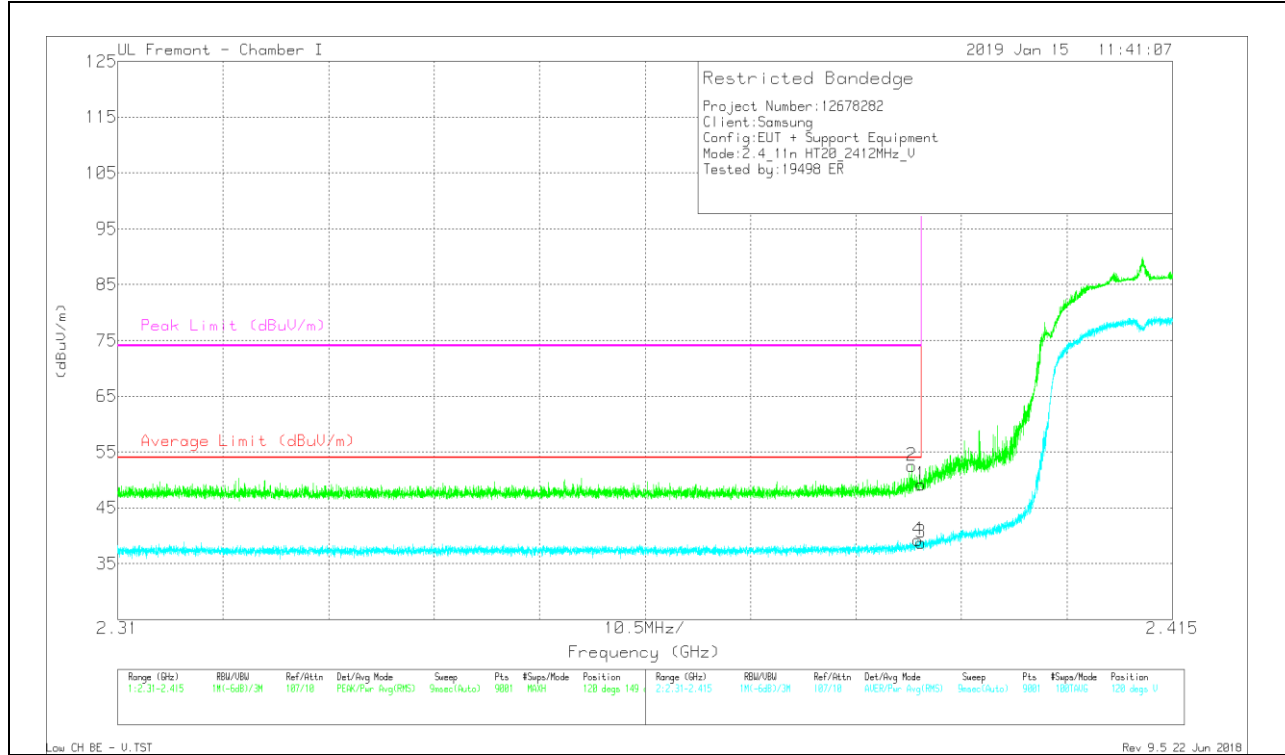
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T652 (dBm)	Amp/Chl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	45.96	Pk	31.8	-21.6	0	56.16	-	-	74	-17.84	270	248	H
2	* 2.389	48.25	Pk	31.8	-21.6	0	58.45	-	-	74	-15.55	270	248	H
3	* 2.39	31.67	RMS	31.8	-21.6	.24	42.11	54	-11.89	-	-	270	248	H
4	* 2.39	32.04	RMS	31.8	-21.6	.24	42.48	54	-11.52	-	-	270	248	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Fltr/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	38.94	Pk	31.8	-21.6	0	49.14	-	-	74	-24.86	120	149	V
2	* 2.389	42.29	Pk	31.8	-21.6	0	52.49	-	-	74	-21.51	120	149	V
3	* 2.39	28.25	RMS	31.8	-21.6	.24	38.69	54	-15.31	-	-	120	149	V
4	* 2.39	28.77	RMS	31.8	-21.6	.24	39.21	54	-14.79	-	-	120	149	V

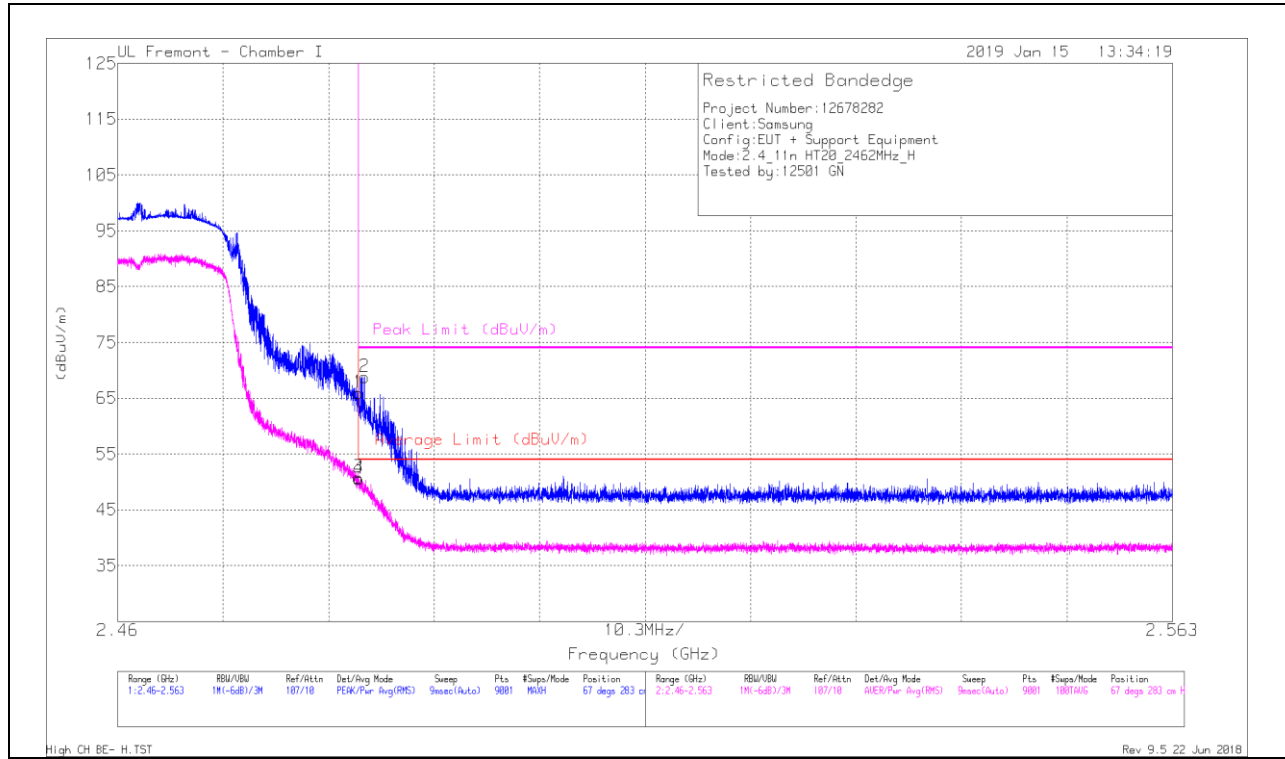
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 11)

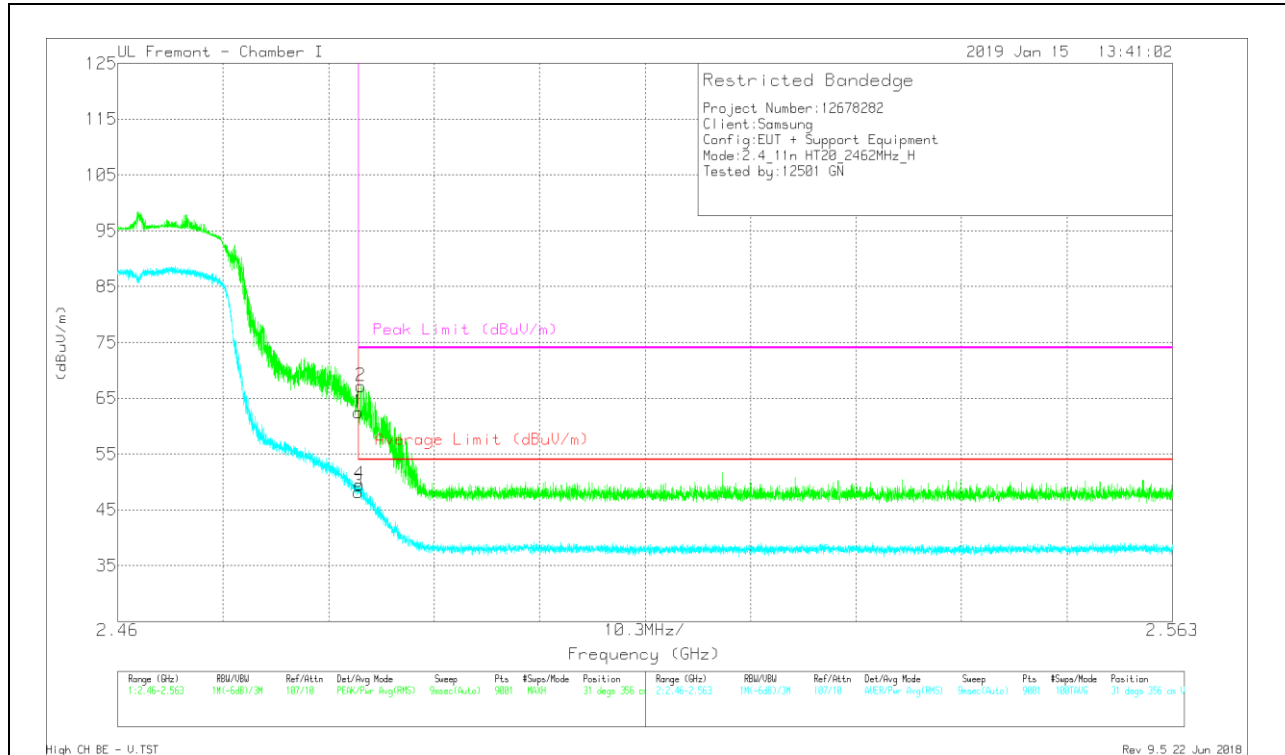
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/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	55.28	Pk	32.4	-21.7	0	65.98	-	-	74	-8.02	67	283	H
2	* 2.484	58.1	Pk	32.4	-21.7	0	68.8	-	-	74	-5.2	67	283	H
3	* 2.484	39.85	RMS	32.4	-21.7	.24	50.79	54	-3.21	-	-	67	283	H
4	* 2.484	39.56	RMS	32.4	-21.7	.24	50.5	54	-3.5	-	-	67	283	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT

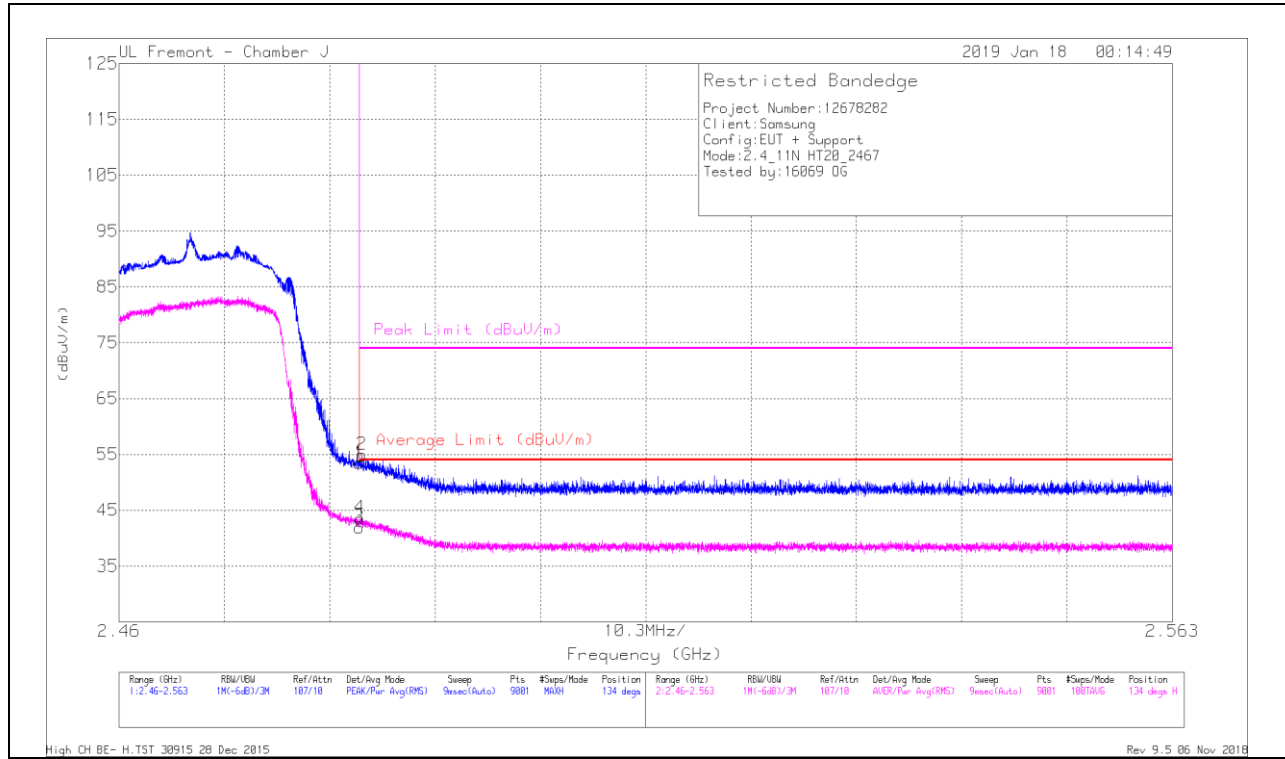


Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cb/Ftr/P ad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.75	Pk	32.4	-21.7	0	62.45	-	-	74	-11.55	31	356	V
2	* 2.484	56.45	Pk	32.4	-21.7	0	67.15	-	-	74	-6.85	31	356	V
3	* 2.484	37.46	RMS	32.4	-21.7	.24	48.4	54	-5.6	-	-	31	356	V
4	* 2.484	38.9	RMS	32.4	-21.7	.24	49.84	54	-4.16	-	-	31	356	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 12)

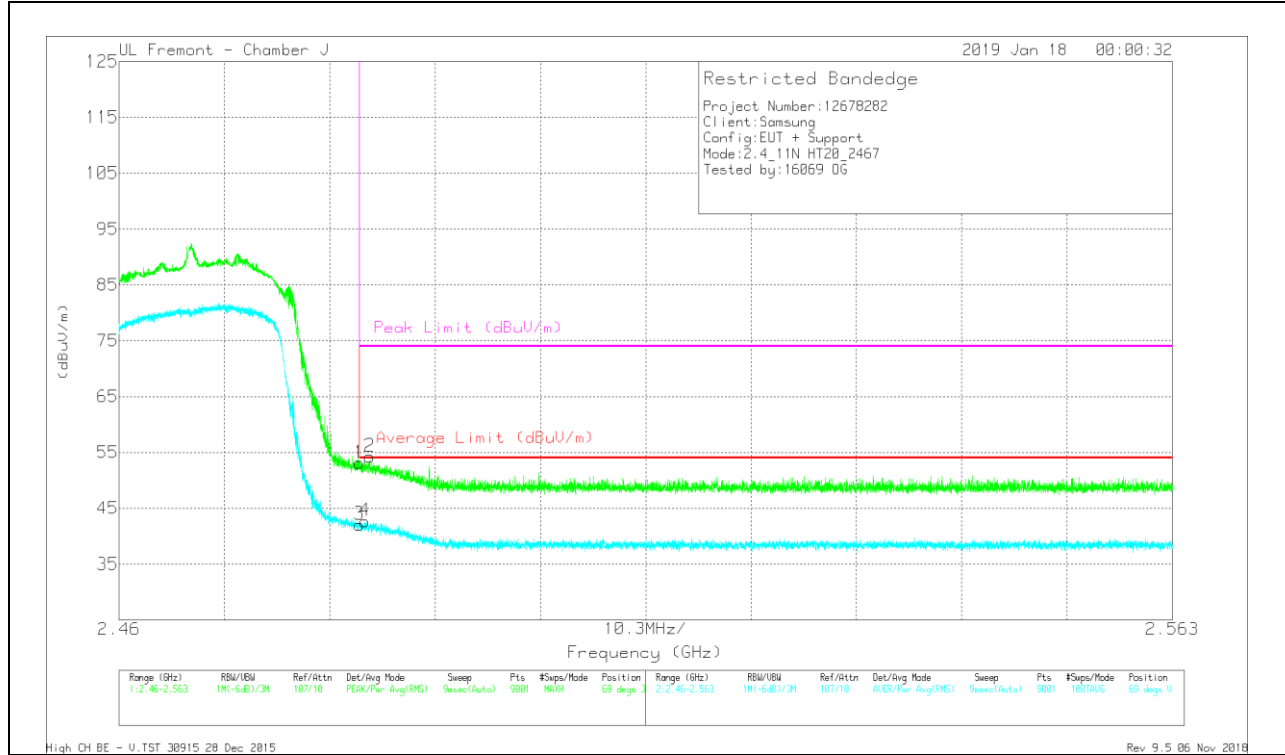
HORIZONTAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (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	* 2.484	46.78	Pk	32.5	-25.8	0	53.48	-	-	74	-20.52	134	236	H
2	* 2.484	48.21	Pk	32.5	-25.8	0	54.91	-	-	74	-19.09	134	236	H
3	* 2.484	34.98	RMS	32.5	-25.8	.24	41.92	54	-12.08	-	-	134	236	H
4	* 2.484	36.6	RMS	32.5	-25.8	.24	43.54	54	-10.46	-	-	134	236	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	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	46.42	Pk	32.5	-25.8	0	53.12	-	-	74	-20.88	69	369	V
2	* 2.485	47.53	Pk	32.5	-25.8	0	54.23	-	-	74	-19.77	69	369	V
3	* 2.484	34.97	RMS	32.5	-25.8	.24	41.91	54	-12.09	-	-	69	369	V
4	* 2.484	35.6	RMS	32.5	-25.8	.24	42.54	54	-11.46	-	-	69	369	V

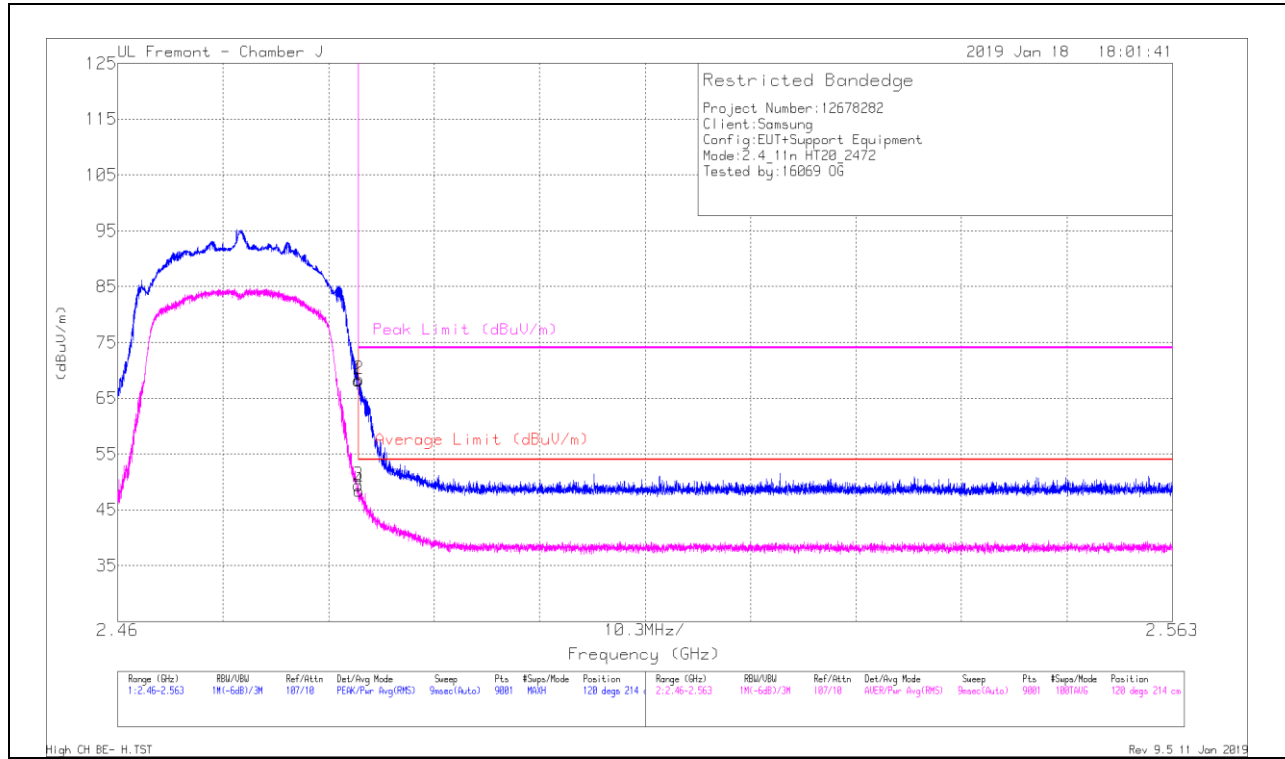
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

BANDEDGE (HIGH CHANNEL, CH 13)

HORIZONTAL RESULT



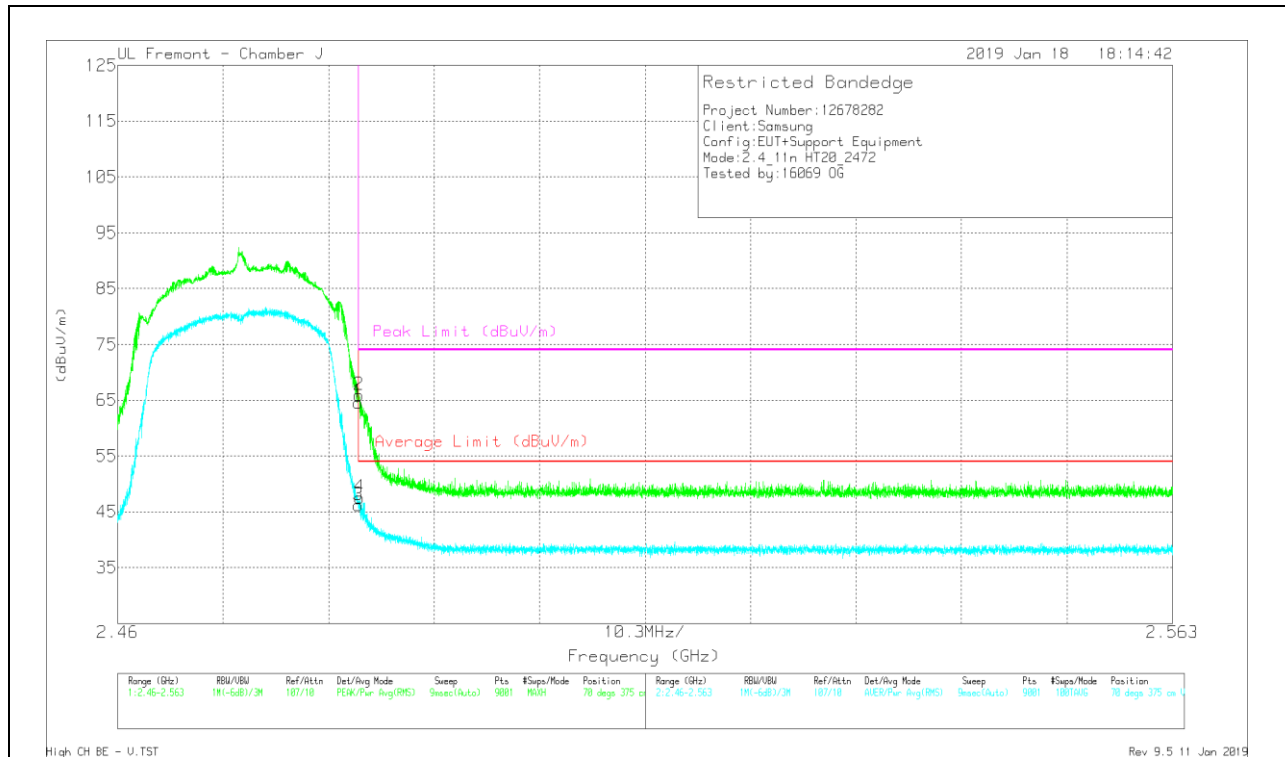
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	Amp/Cbl/Filt/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	61.51	Pk	32.5	-25.8	0	68.21	-	-	74	-5.79	120	214	H
2	* 2.484	61.66	Pk	32.5	-25.8	0	68.36	-	-	74	-5.64	120	214	H
3	* 2.484	42.48	RMS	32.5	-25.8	.24	49.42	54	-4.58	-	-	120	214	H
4	* 2.484	41.46	RMS	32.5	-25.8	.24	48.4	54	-5.6	-	-	120	214	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL RESULT



Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	AF AT0067 (dBm)	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	57.89	Pk	32.5	-25.8	0	64.59	-	-	74	-9.41	70	375	V
2	* 2.484	59.24	Pk	32.5	-25.8	0	65.94	-	-	74	-8.06	70	375	V
3	* 2.484	39.21	RMS	32.5	-25.8	.24	46.15	54	-7.85	-	-	70	375	V
4	* 2.484	40.6	RMS	32.5	-25.8	.24	47.54	54	-6.46	-	-	70	375	V

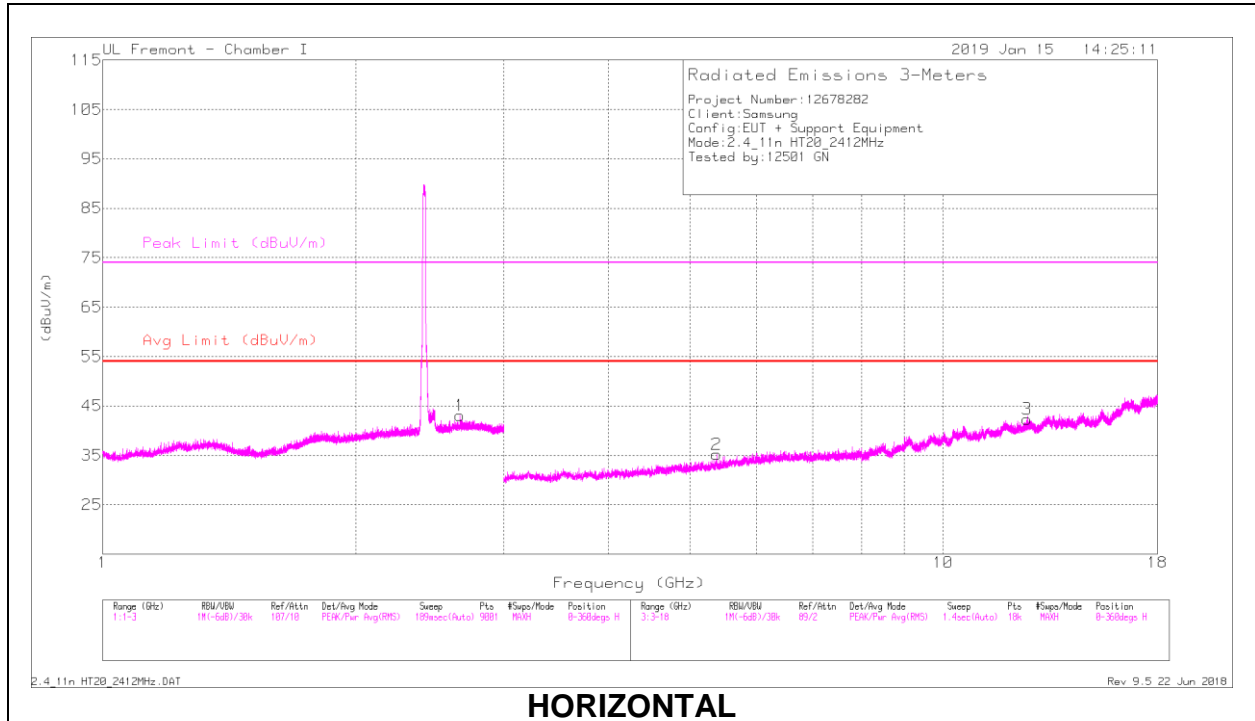
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

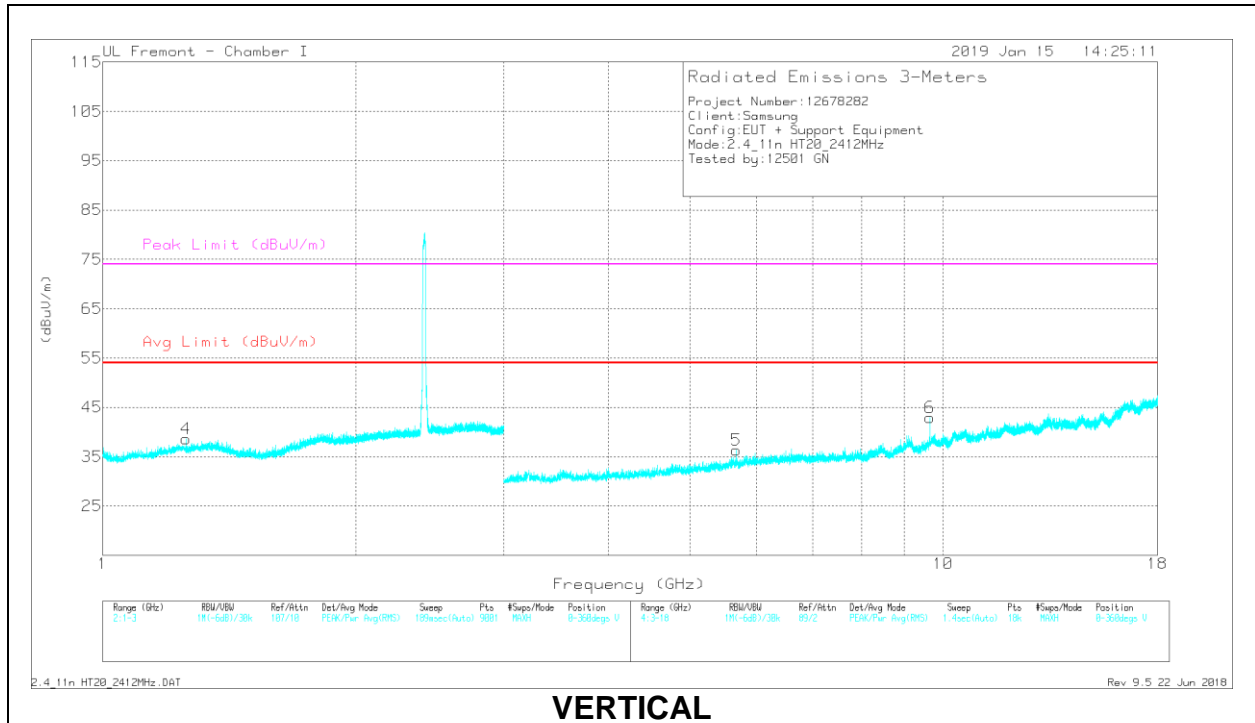
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL, CH 1 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

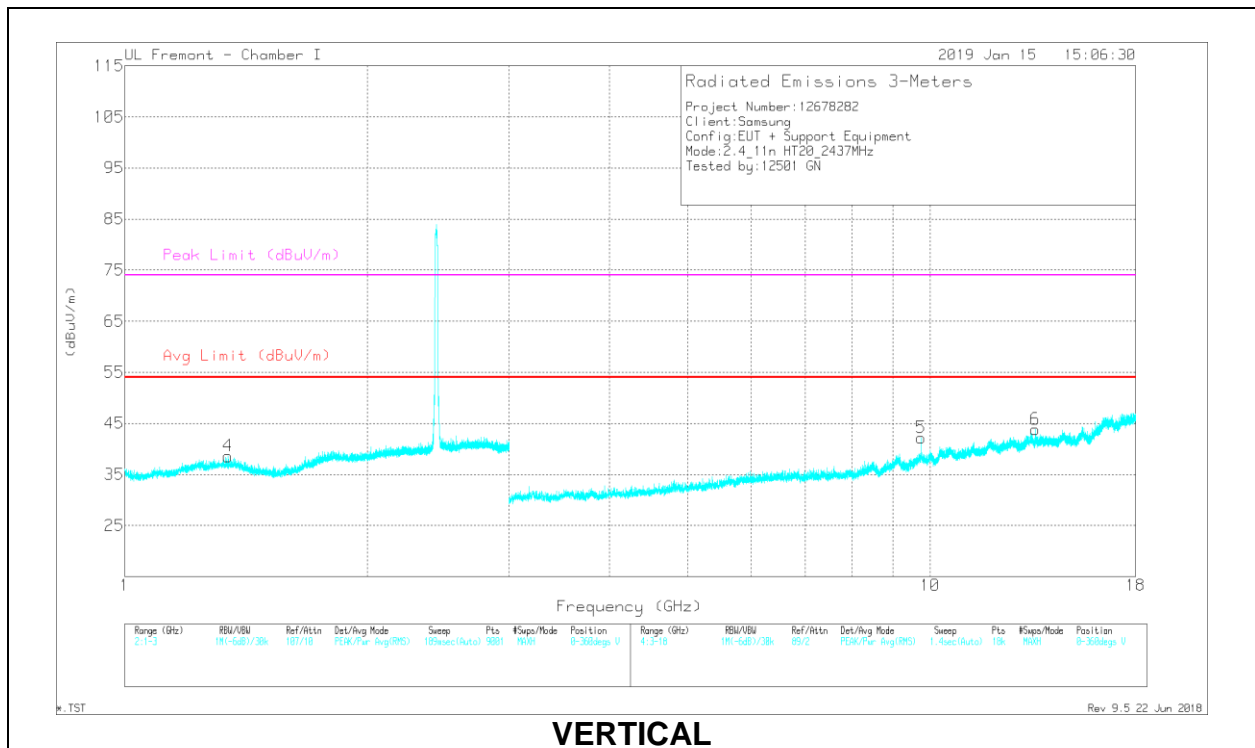
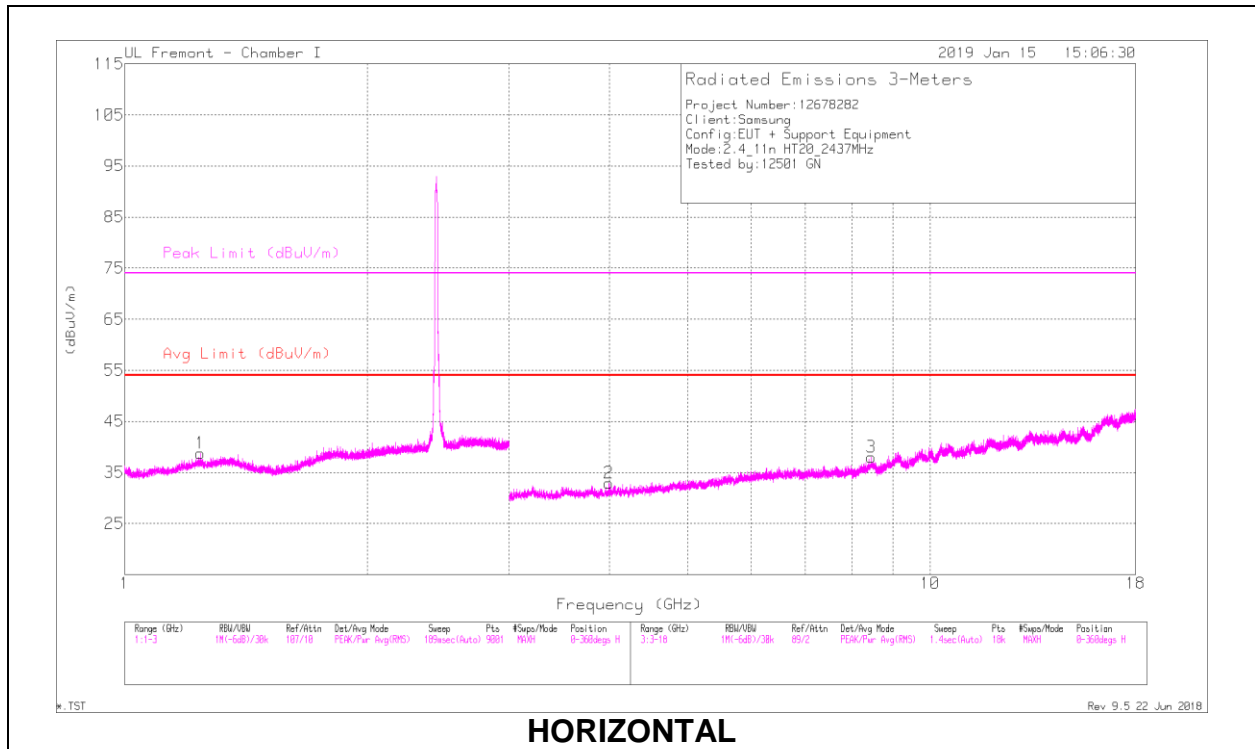
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Filtr/Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 2.659	36.85	PK2	32.5	-21.3	0	48.05	-	-	74	-25.95	210	129	H
* 2.659	27.91	MAv1	32.5	-21.3	.24	39.35	54	-14.65	-	-	210	129	H
* 1.255	38.82	PK2	28.9	-22.9	0	44.82	-	-	74	-29.18	358	170	V
* 1.256	28.71	MAv1	28.9	-22.9	.24	34.95	54	-19.05	-	-	358	170	V
* 5.376	32.81	PK2	34.4	-26.7	0	40.51	-	-	74	-33.49	234	161	H
* 5.378	23.82	MAv1	34.5	-26.7	.24	31.86	54	-22.14	-	-	234	161	H
* 12.594	31.12	PK2	39.1	-21.2	0	49.02	-	-	74	-24.98	260	155	H
* 12.595	21.56	MAv1	39.1	-21.2	.24	39.7	54	-14.3	-	-	260	155	H
5.68	33.49	PK2	35	-27.1	0	41.39	-	-	-	-	216	198	V
5.678	24	MAv1	35	-27.1	.24	32.14	-	-	-	-	216	198	V
9.648	32.45	PK2	36.8	-21.5	0	47.75	-	-	-	-	140	108	V
9.648	26.01	MAv1	36.8	-21.5	.24	41.55	-	-	-	-	140	108	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, CH 6 RESULTS

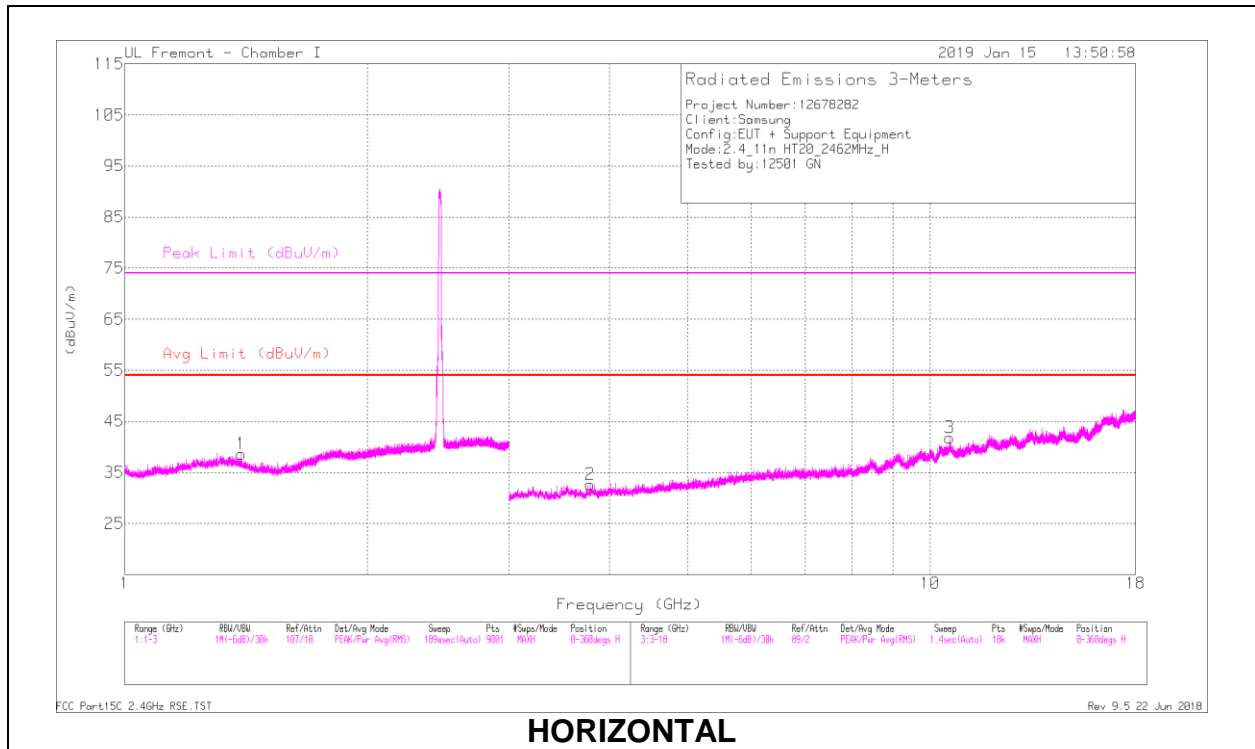


RADIATED EMISSIONS

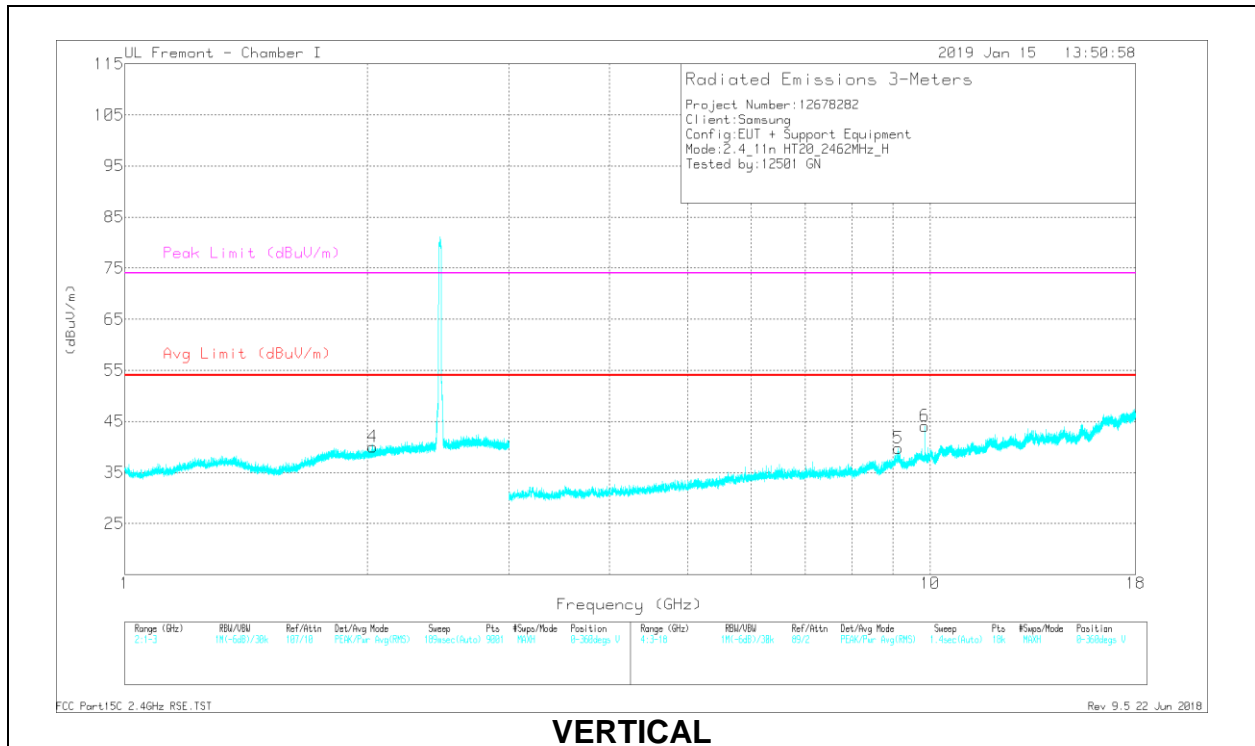
Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr /Pad (dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 1.244	39.01	PK2	28.9	-22.9	0	45.01	-	-	74	-28.99	319	232	H
* 1.24	28.85	MAv1	28.9	-22.9	.24	35.09	54	-18.91	-	-	319	232	H
* 1.343	38.4	PK2	29.3	-23.1	0	44.6	-	-	74	-29.4	173	201	V
* 1.345	28.93	MAv1	29.3	-23.1	.24	35.37	54	-18.63	-	-	173	201	V
* 3.995	36.01	PK2	33.4	-29.6	0	39.81	-	-	74	-34.19	209	104	H
* 3.994	26.54	MAv1	33.3	-29.7	.24	30.38	54	-23.62	-	-	209	104	H
* 8.458	32.55	PK2	35.8	-23.2	0	45.15	-	-	74	-28.85	334	198	H
* 8.458	22.32	MAv1	35.8	-23.2	.24	35.16	54	-18.84	-	-	334	198	H
9.748	32.41	PK2	36.9	-20.5	0	48.81	-	-	-	-	220	122	V
9.748	25.28	MAv1	36.9	-20.5	.24	41.92	-	-	-	-	220	122	V
13.51	32.56	PK2	39.4	-21.2	0	50.76	-	-	-	-	138	250	V
13.51	22.48	MAv1	39.4	-21.2	.24	40.92	-	-	-	-	138	250	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, CH 11 RESULTS



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

Frequency (GHz)	Meter Reading (dBuV)	Det	AF T862 (dB/m)	Amp/Cbl/Fitr/ 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
* 1.396	38.51	PK2	29.1	-23.3	0	44.31	-	-	74	-29.69	176	156	H
* 1.394	28.9	MAv1	29.1	-23.3	.24	34.94	54	-19.16	-	-	176	156	H
2.031	37.98	PK2	31	-22.6	0	46.38	-	-	-	-	138	179	V
2.031	28.78	MAv1	31	-22.6	.24	37.42	-	-	-	-	138	179	V
* 3.782	35.17	PK2	33.1	-29	0	39.27	-	-	74	-34.73	73	113	H
* 3.784	25.47	MAv1	33.1	-29	.24	29.81	54	-24.19	-	-	73	113	H
10.577	29.62	PK2	37.6	-20.2	0	47.02	-	-	-	-	10	182	H
10.579	20.73	MAv1	37.6	-20.2	.24	38.37	-	-	-	-	10	182	H
* 9.125	29.17	PK2	36.4	-21.4	0	44.17	-	-	74	-29.83	10	115	V
* 9.126	20.92	MAv1	36.4	-21.4	.24	36.06	54	-17.94	-	-	10	115	V
9.848	32.71	PK2	36.9	-22	0	47.61	-	-	-	-	9	123	V
9.848	26.17	MAv1	36.9	-22	.24	41.31	-	-	-	-	9	123	V

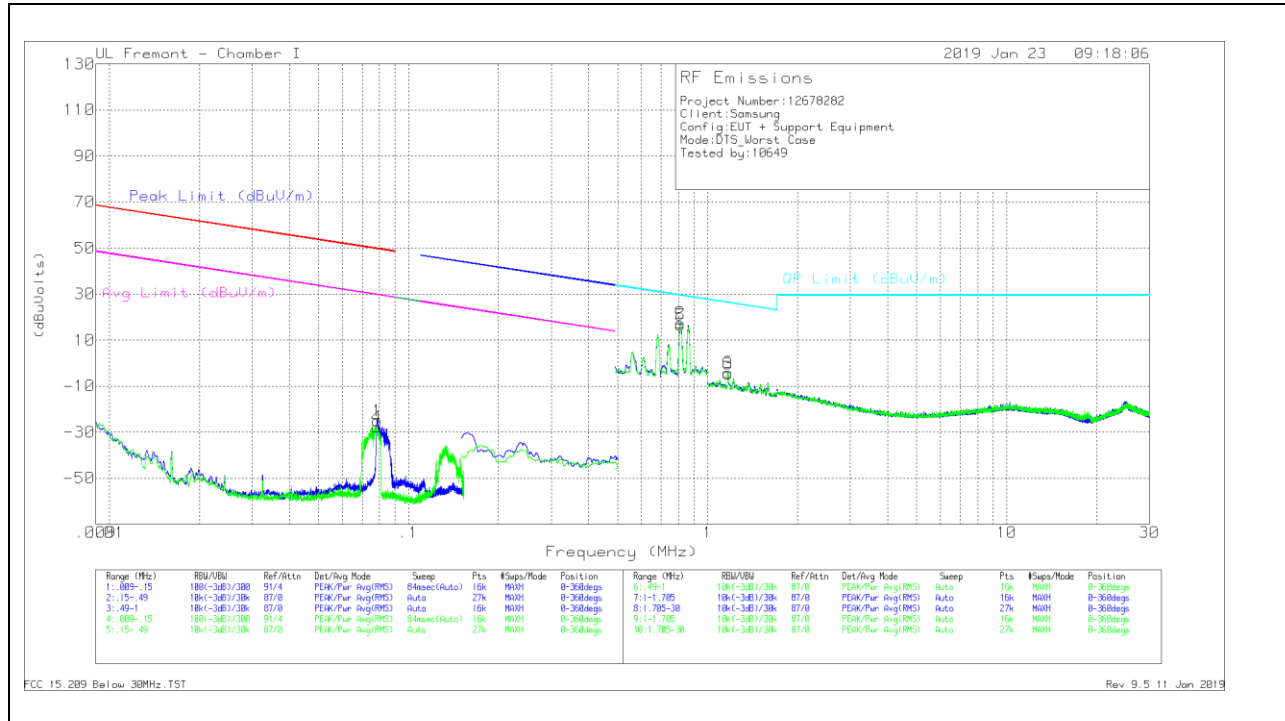
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

9.2. Worst Case Below 30MHz

SPURIOUS EMISSIONS BELOW 30 MHz (WORST-CASE CONFIGURATION)



Below 30MHz Data

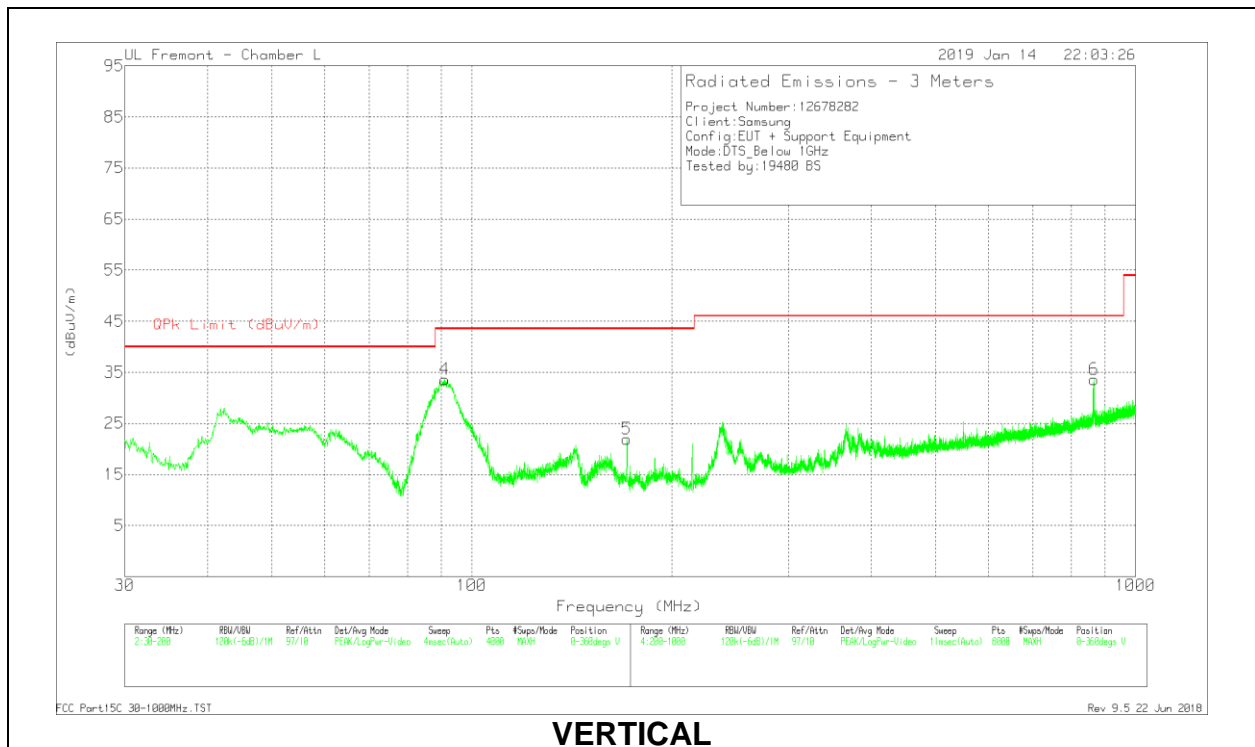
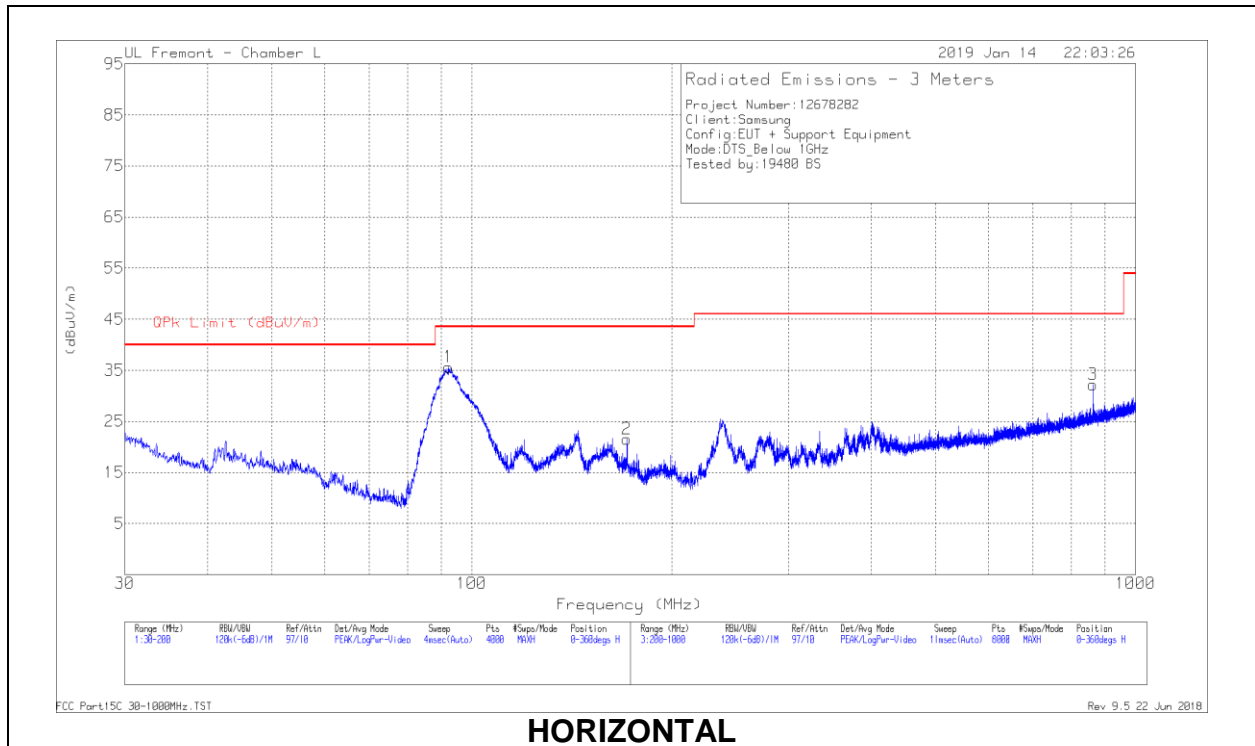
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0 18017 5 (dB)	Dist Corr 300m	Corrected Reading (dBuVolts)	Peak Limit (dBuV /m)	Margin (dB)	Avg Limit (dBuV /m)	Margin (dB)	Azimuth (Degs)
1	.0788	31.37	Pk	55.7	-32	-80	-24.93	49.65	-74.58	29.65	-54.58	0-360
4	.07829	28.48	Pk	55.8	-32	-80	-27.72	49.71	-77.43	29.71	-57.43	0-360

Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (ACF)	Cables w/ PRE0 18017 5 (dB)	Dist Corr 30m (dB) 40Log	Corrected Reading (dBuVolts)	QP Limit (dBuV /m)	Margin (dB)	Azimuth (Degs)
2	.81246	32.89	Pk	56.3	-31.8	-40	17.39	29.42	-12.03	0-360
5	.81181	32.16	Pk	56.3	-31.8	-40	16.66	29.43	-12.77	0-360
3	1.17087	21.76	Pk	45.5	-31.8	-40	-4.54	26.26	-30.8	0-360
6	1.16922	22.13	Pk	45.5	-31.8	-40	-4.17	26.27	-30.44	0-360

Pk - Peak detector

9.3. Worst Case Below 1 GHz



Below 1GHz DATA

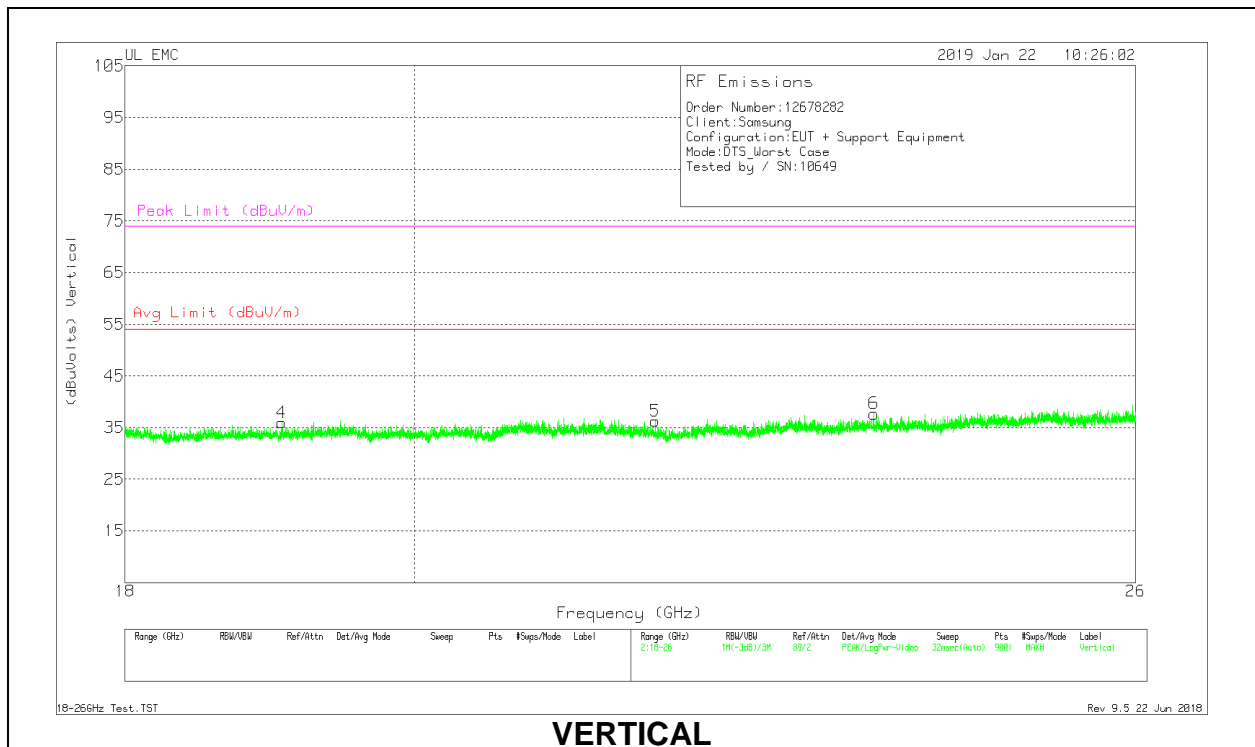
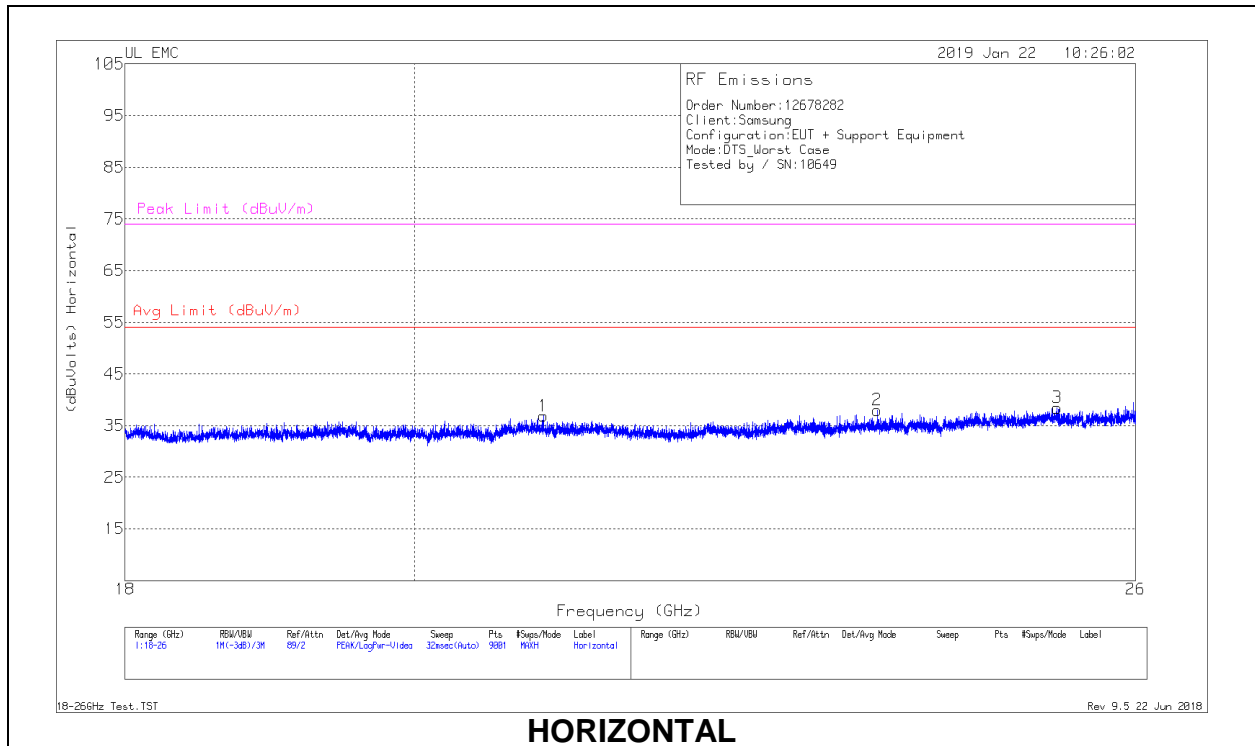
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF PRE0184970 (dB/m)	Amp/Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	92.2361	52.68	Pk	14	-31	35.68	43.52	-7.84	0-360	199	H
		51.03	Qp	13.9	-31	33.93	43.52	-9.59	67	333	H
2	* 171.3066	34.5	Pk	17.5	-30.5	21.5	43.52	-22.02	0-360	199	H
4	91.0458	50.89	Pk	13.7	-31	33.59	43.52	-9.93	0-360	102	V
5	* 171.3066	34.94	Pk	17.5	-30.5	21.94	43.52	-21.58	0-360	102	V
3	862.6861	32.2	Pk	27.6	-27.6	32.2	46.02	-13.82	0-360	299	H
6	865.8866	33.54	Pk	27.7	-27.6	33.64	46.02	-12.38	0-360	102	V

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

Pk - Peak detector

Qp - Quasi-Peak detector

9.4. Worst Case 18-26 GHz



18 – 26GHz DATA

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	T448 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	20.959	70.27	Pk	33.3	-57.2	-9.5	36.87	54	-17.13	74	-37.13
2	23.667	70.59	Pk	33.9	-57	-9.5	37.99	54	-16.01	74	-36.01
3	25.268	68.55	Pk	34.7	-55.3	-9.5	38.45	54	-15.55	74	-35.55
4	19.055	70.85	Pk	32.4	-57.8	-9.5	35.95	54	-18.05	74	-38.05
5	21.831	70.06	Pk	33.3	-57.6	-9.5	36.26	54	-17.74	74	-37.74
6	23.638	69.7	Pk	33.9	-56.4	-9.5	37.7	54	-16.3	74	-36.3

Pk - Peak detector

10. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

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.

TEST PROCEDURE

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.

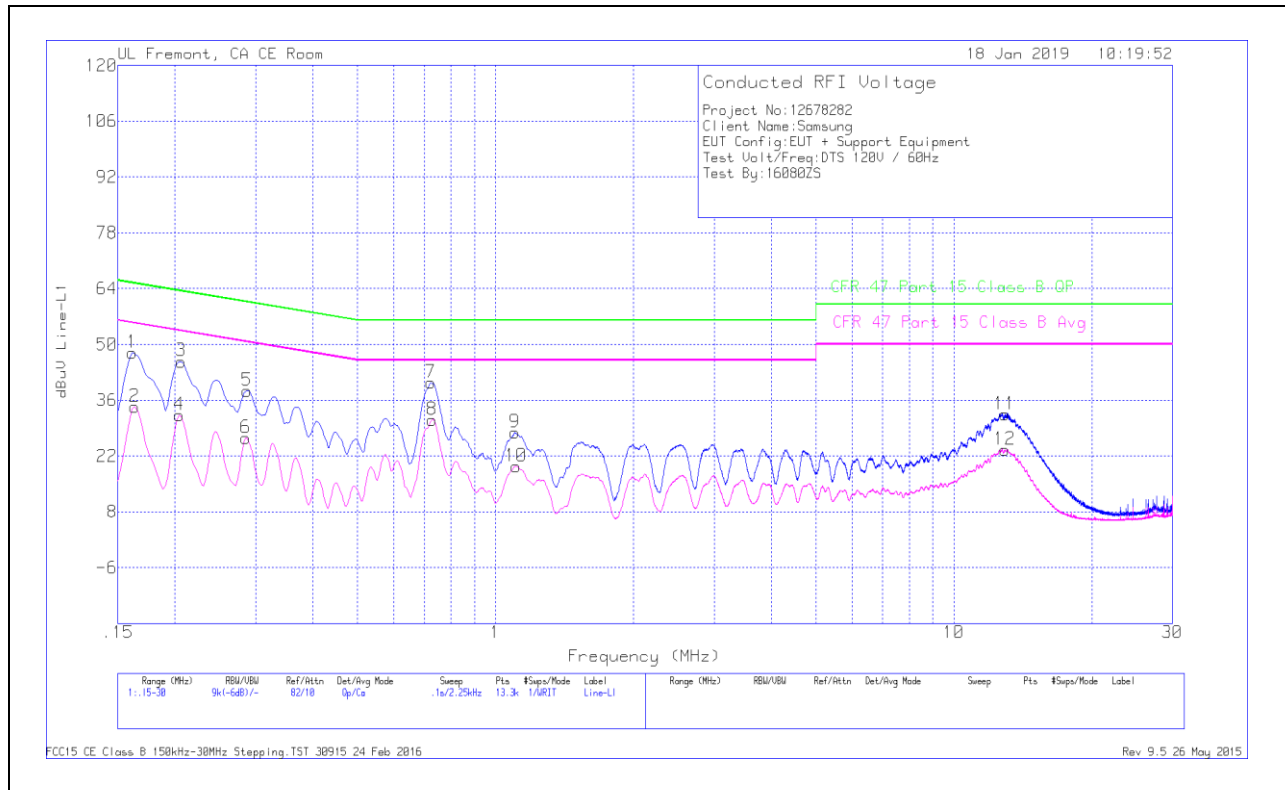
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

10.1.1. AC Power Line Norm

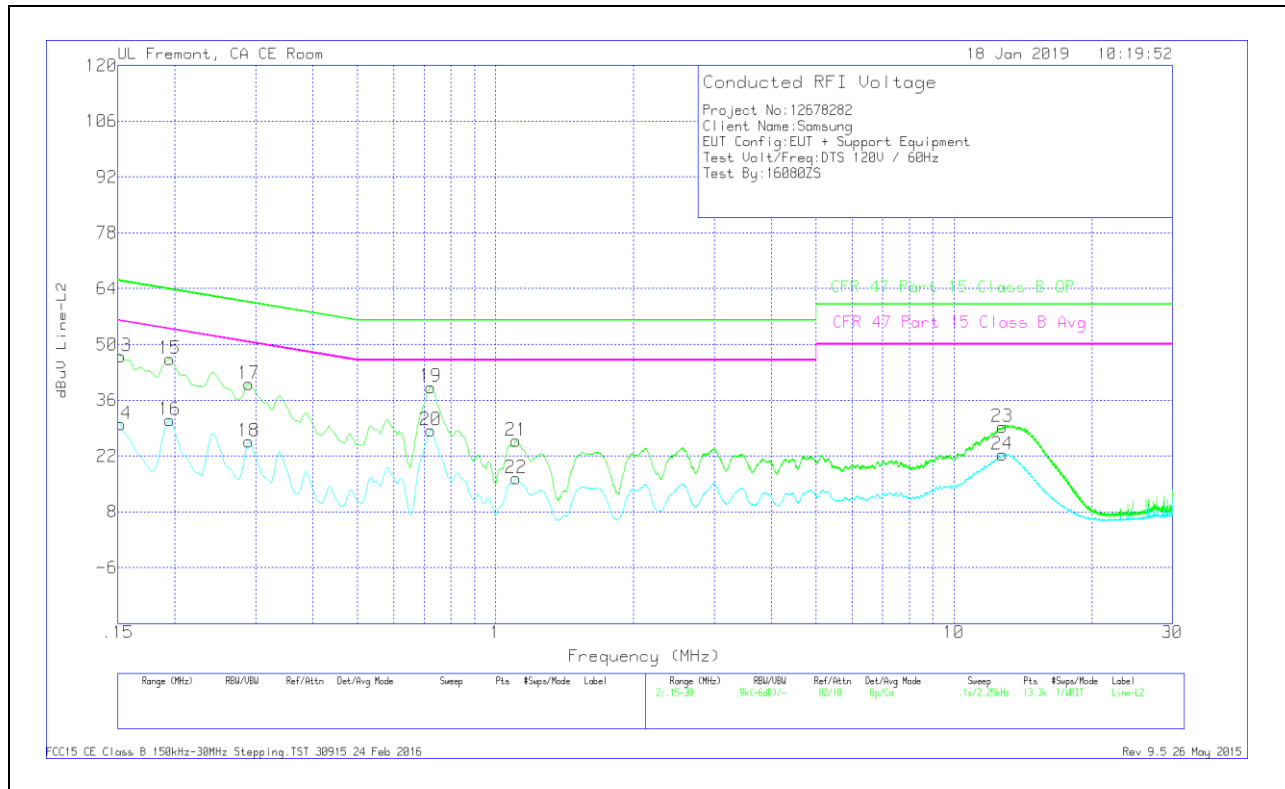
LINE 1 RESULTS



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	.16125	37.67	Qp	.1	0	10.1	47.87	65.4	-17.53	-	-
2	.1635	24.09	Ca	.1	0	10.1	34.29	-	-	55.28	-20.99
3	.20625	35.64	Qp	0	0	10.1	45.74	63.35	-17.61	-	-
4	.204	22.18	Ca	0	0	10.1	32.28	-	-	53.45	-21.17
5	.28725	28.32	Qp	0	0	10.1	38.42	60.6	-22.18	-	-
6	.285	16.42	Ca	0	0	10.1	26.52	-	-	50.67	-24.15
7	.72375	30.26	Qp	0	0	10.1	40.36	56	-15.64	-	-
8	.72825	20.99	Ca	0	0	10.1	31.09	-	-	46	-14.91
9	1.10175	17.68	Qp	0	.1	10.1	27.88	56	-28.12	-	-
10	1.1085	9.23	Ca	0	.1	10.1	19.43	-	-	46	-26.57
11	12.9187	21.93	Qp	.1	.2	10.2	32.43	60	-27.57	-	-
12	12.9187	13.05	Ca	.1	.2	10.2	23.55	-	-	50	-26.45

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	.15225	36.81	Qp	.1	0	10.1	47.01	65.88	-18.87	-	-	
14	.15225	19.75	Ca	.1	0	10.1	29.95	-	-	55.88	-25.93	
15	.195	36.18	Qp	0	0	10.1	46.28	63.82	-17.54	-	-	
16	.195	20.91	Ca	0	0	10.1	31.01	-	-	53.82	-22.81	
17	.2895	29.99	Qp	0	0	10.1	40.09	60.54	-20.45	-	-	
18	.2895	15.64	Ca	0	0	10.1	25.74	-	-	50.54	-24.8	
19	.72375	29.21	Qp	0	0	10.1	39.31	56	-16.69	-	-	
20	.72375	18.41	Ca	0	0	10.1	28.51	-	-	46	-17.49	
21	1.11075	15.69	Qp	0	.1	10.1	25.89	56	-30.11	-	-	
22	1.10963	6.27	Ca	0	.1	10.1	16.47	-	-	46	-29.53	
23	12.768	18.74	Qp	.1	.2	10.2	29.24	60	-30.76	-	-	
24	12.7702	11.84	Ca	.1	.2	10.2	22.34	-	-	50	-27.66	

Qp - Quasi-Peak detector
 Ca - CISPR average detection