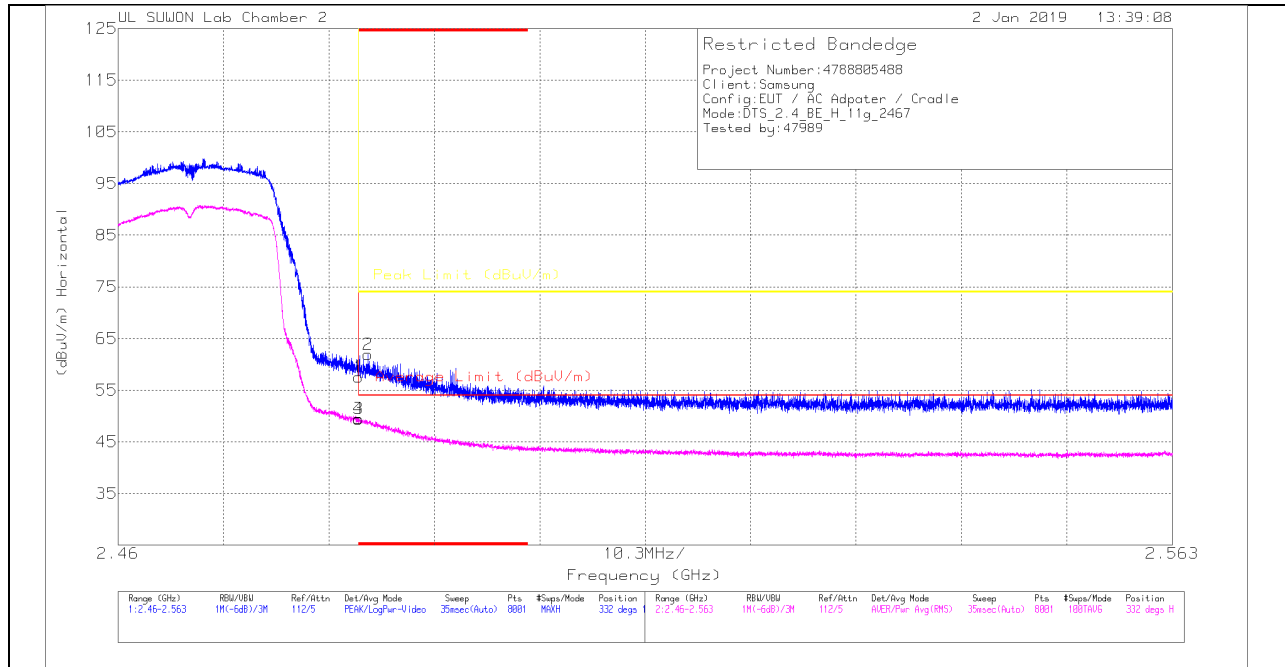


AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

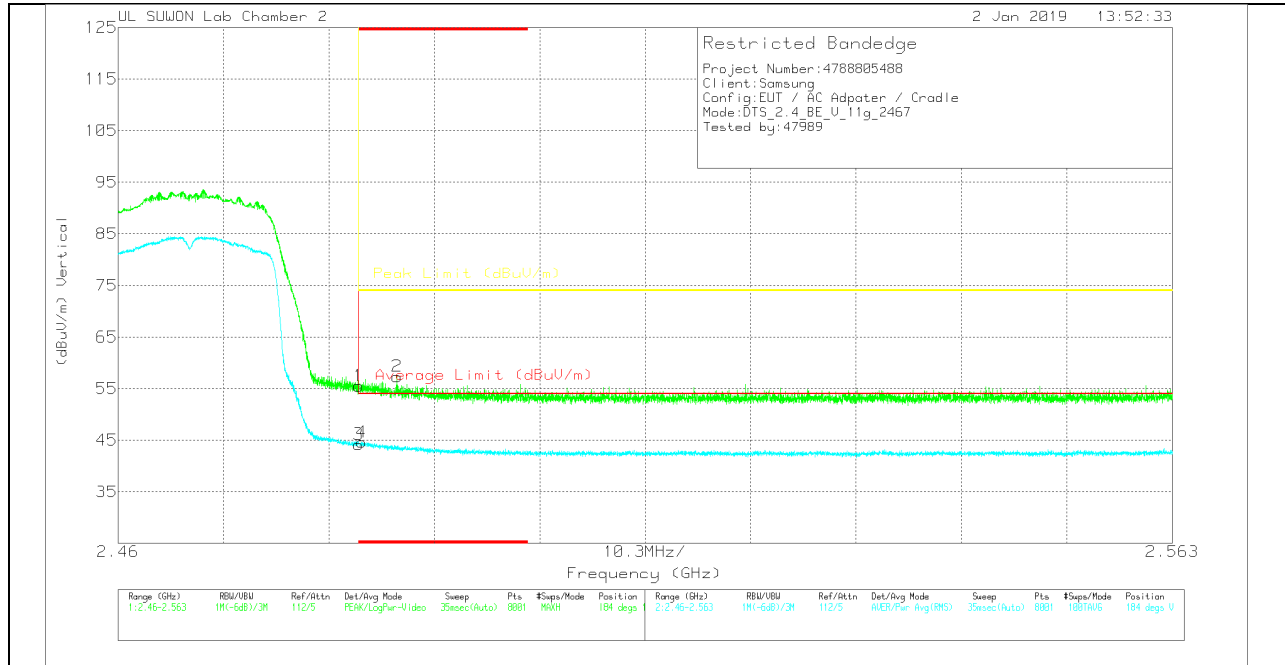
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.27	Pk	31.9	-20.6	0	57.57	-	-	74	-16.43	332	147	H
2	* 2.484	50.6	Pk	31.9	-20.6	0	61.9	-	-	74	-12.1	332	147	H
3	* 2.484	38	RMS	31.9	-20.6	.15	49.45	54	-4.55	-	-	332	147	H
4	* 2.484	38.07	RMS	31.9	-20.6	.15	49.52	54	-4.48	-	-	332	147	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

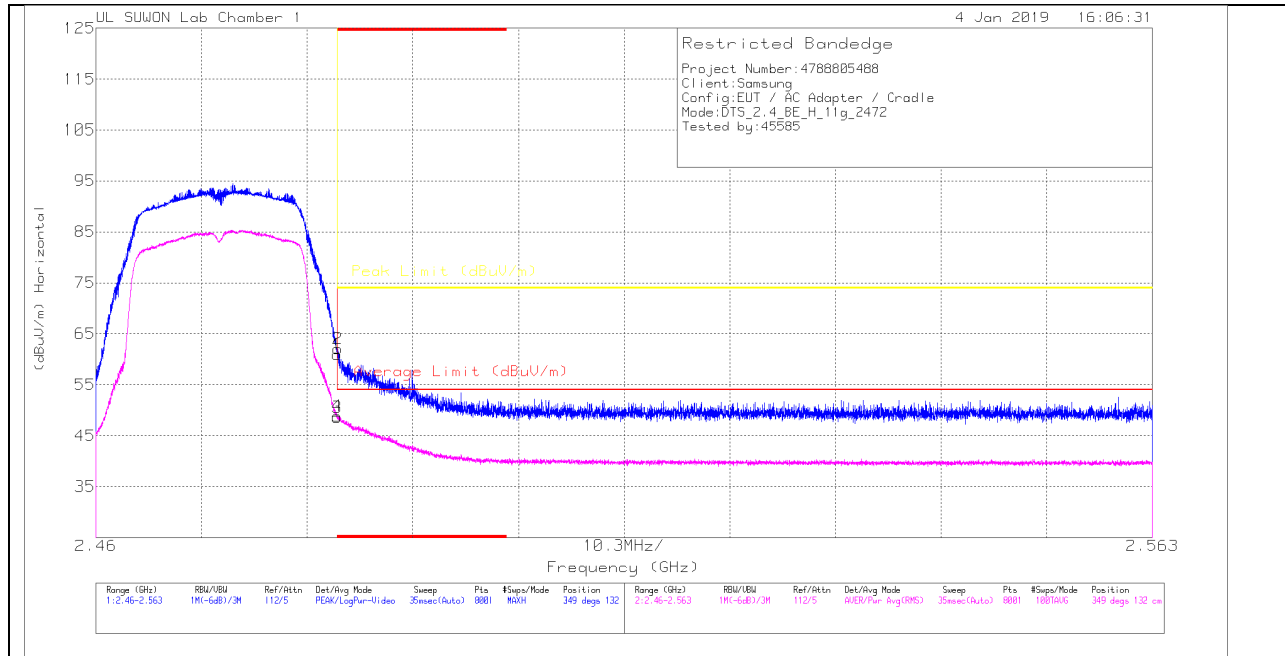
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(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	44.25	Pk	31.9	-20.6	0	55.55	-	-	74	-18.45	184	123	V
2	* 2.487	46.16	Pk	31.9	-20.7	0	57.36	-	-	74	-16.64	184	123	V
3	* 2.484	32.73	RMS	31.9	-20.6	.15	44.18	54	-9.82	-	-	184	123	V
4	* 2.484	33.16	RMS	31.9	-20.6	.15	44.61	54	-9.39	-	-	184	123	V

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

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

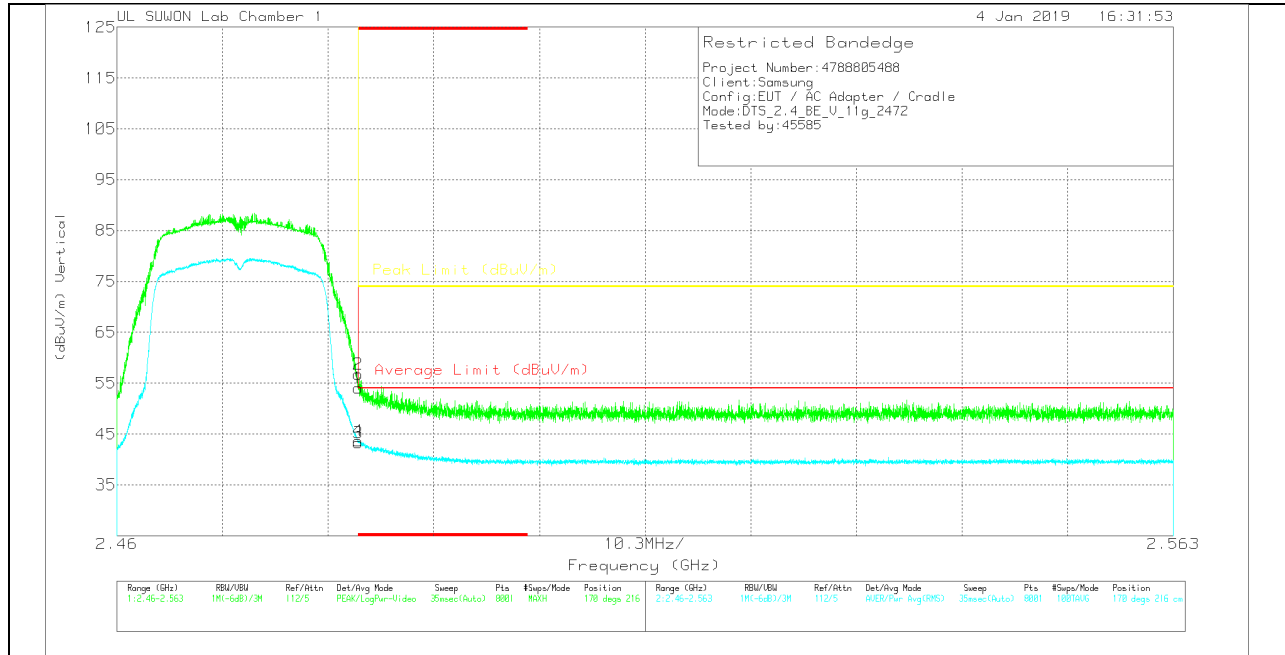
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.42	Pk	31.9	-25.3	0	61.02	-	-	74	-12.98	349	132	H
2	* 2.484	55.46	Pk	31.9	-25.3	0	62.06	-	-	74	-11.94	349	132	H
3	* 2.484	41.83	RMS	31.9	-25.3	15	48.58	54	-5.42	-	-	349	132	H
4	* 2.484	42.06	RMS	31.9	-25.3	15	48.81	54	-5.19	-	-	349	132	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB[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	47.49	Pk	31.9	-25.3	0	54.09	-	-	74	-19.91	170	216	V
2	* 2.484	50.2	Pk	31.9	-25.3	0	56.8	-	-	74	-17.2	170	216	V
3	* 2.484	36.56	RMS	31.9	-25.3	.15	43.31	54	-10.69	-	-	170	216	V
4	* 2.484	36.95	RMS	31.9	-25.3	.15	43.7	54	-10.3	-	-	170	216	V

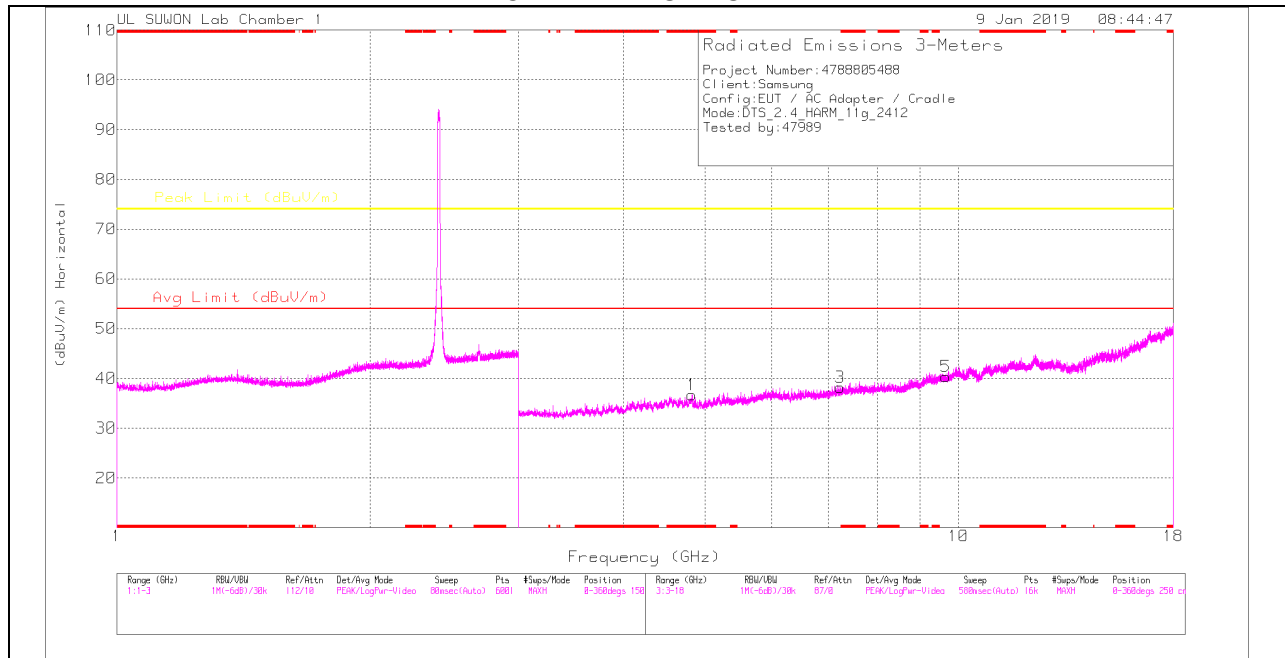
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

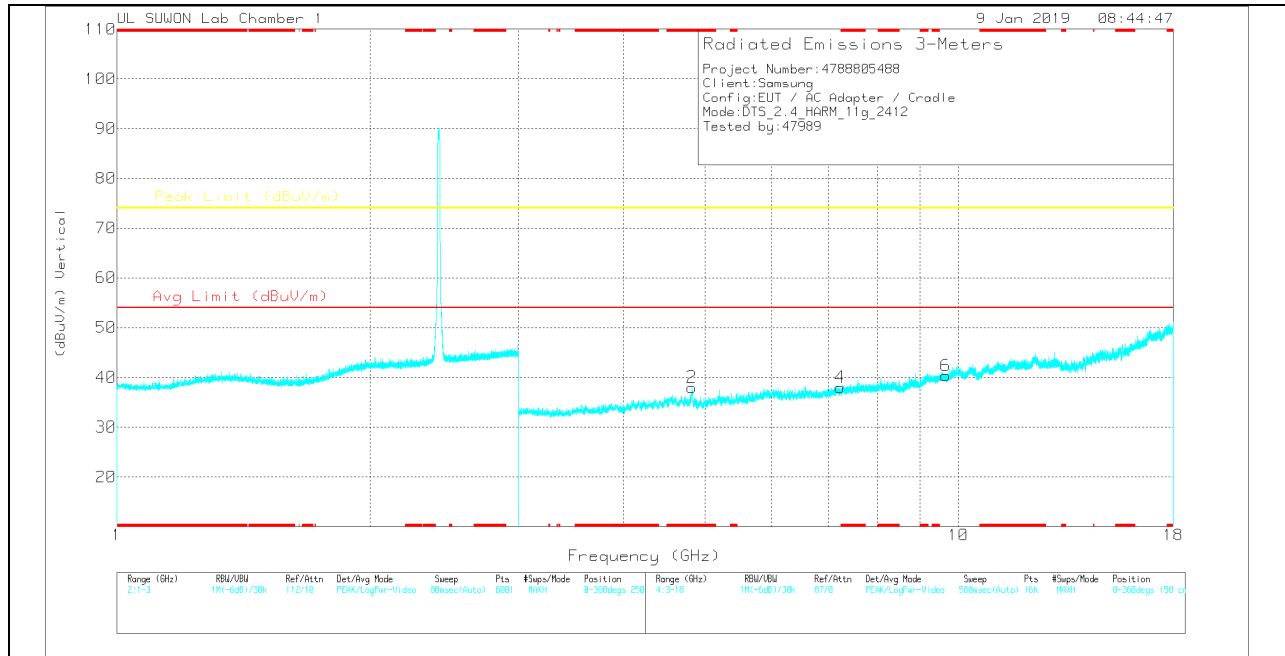
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

1 CHANNEL HORIZONTAL



1 CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

1 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.821	33.95	PK	34.2	-31.4	0	36.75	-	-	74	-37.25	0-360	250	H
3	7.234	30.31	PK	35.8	-27.9	0	38.21	-	-	74	-35.79	0-360	250	H
5	9.649	26.53	PK	37.1	-23.3	0	40.33	-	-	74	-33.67	0-360	250	H
2	* 4.819	35.12	PK	34.2	-31.3	0	38.02	-	-	74	-35.98	0-360	250	V
4	7.239	30.12	PK	35.8	-27.9	0	38.02	-	-	74	-35.98	0-360	250	V
6	9.649	26.6	PK	37.1	-23.3	0	40.4	-	-	74	-33.6	0-360	150	V

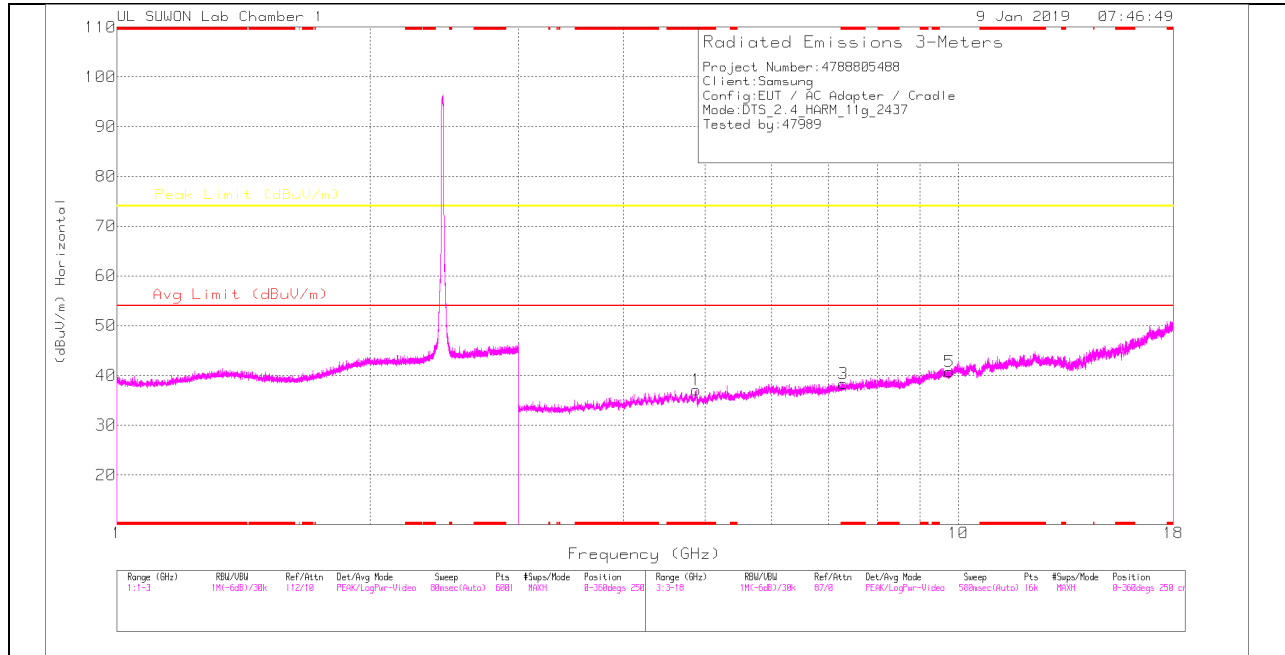
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

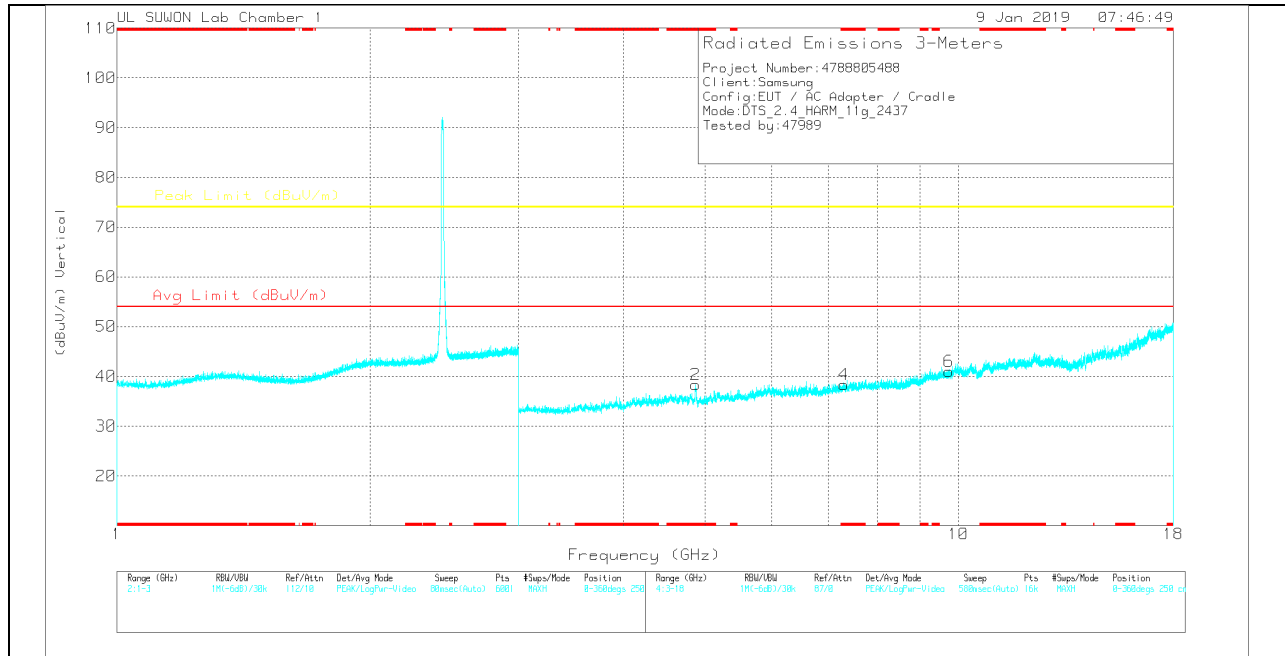
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.82	45.35	PK2	34.2	-31.4	0	48.15	-	-	74	-25.85	202	267	H
* 4.82	31.39	MAv1	34.2	-31.4	.15	34.34	54	-19.66	-	-	202	267	H
* 4.823	37.52	PK2	34.2	-31.4	0	40.32	-	-	74	-33.68	211	187	V
* 4.823	32.56	MAv1	34.2	-31.4	.15	35.51	54	-18.49	-	-	211	187	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

6 CHANNEL HORIZONTAL



6 CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

6 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.877	34.34	PK	34.2	-31.5	0	37.04	-	-	74	-36.96	0-360	150	H
3	* 7.302	30.05	PK	35.8	-27.5	0	38.35	-	-	74	-35.65	0-360	150	H
5	9.754	27.5	PK	37.2	-23.9	0	40.8	-	-	74	-33.2	0-360	150	H
2	* 4.871	35.59	PK	34.2	-31.5	0	38.29	-	-	74	-35.71	0-360	250	V
4	* 7.311	29.98	PK	35.8	-27.4	0	38.38	-	-	74	-35.62	0-360	250	V
6	9.743	27.64	PK	37.2	-23.9	0	40.94	-	-	74	-33.06	0-360	150	V

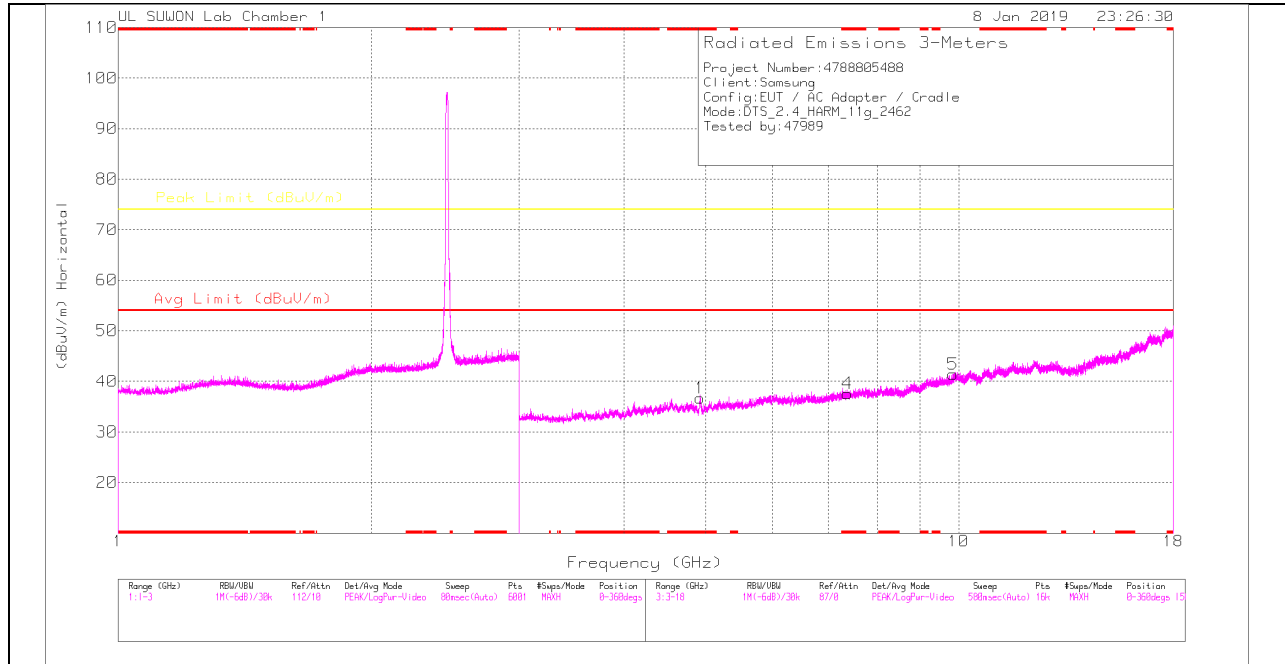
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

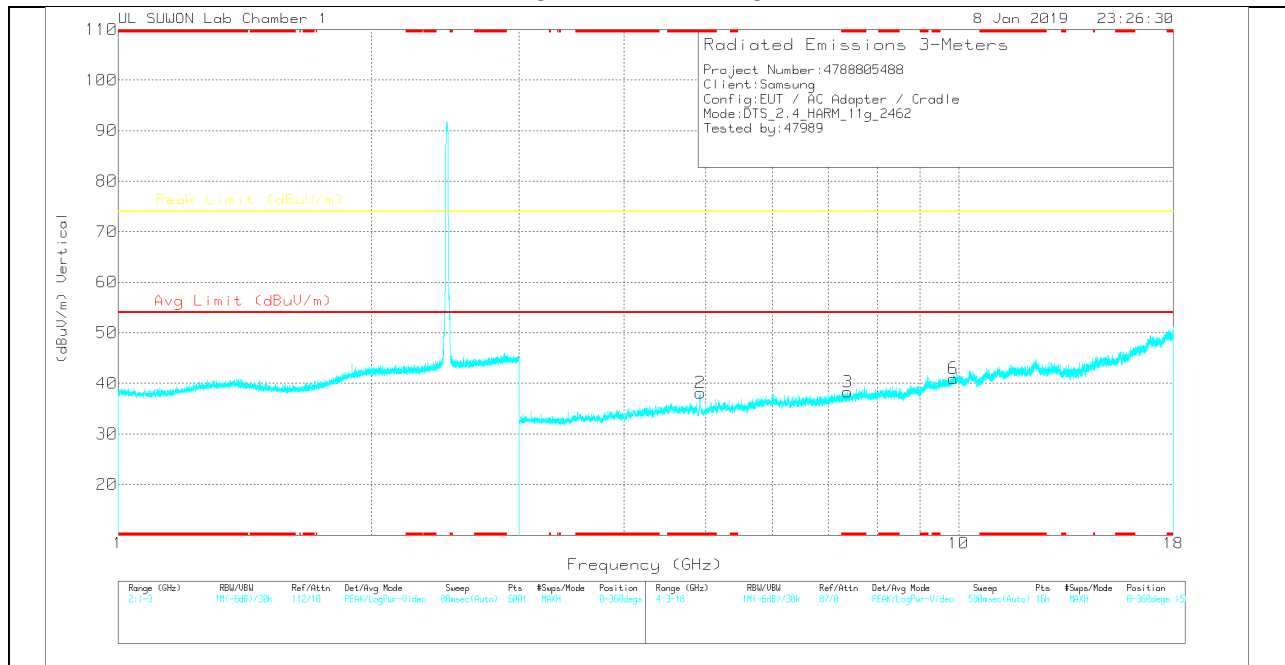
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.872	45.28	PK2	34.2	-31.5	0	47.98	-	-	74	-26.02	208	155	H
* 4.874	31.53	MAv1	34.2	-31.5	.15	34.38	54	-19.62	-	-	208	155	H
* 4.872	48.24	PK2	34.2	-31.5	0	50.94	-	-	74	-23.06	199	112	V
* 4.874	33.32	MAv1	34.2	-31.5	.15	36.17	54	-17.83	-	-	199	112	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

11 CHANNEL HORIZONTAL



11 CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

11 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.925	34.09	PK	34.2	-31.6	0	36.69	-	-	74	-37.31	0-360	250	H
4	* 7.372	28.79	PK	35.8	-27	0	37.59	-	-	74	-36.41	0-360	150	H
5	9.844	27.32	PK	37.4	-23.3	0	41.42	-	-	74	-32.58	0-360	250	H
2	* 4.927	35.53	PK	34.2	-31.6	0	38.13	-	-	74	-35.87	0-360	150	V
3	* 7.375	29.51	PK	35.8	-27	0	38.31	-	-	74	-35.69	0-360	250	V
6	9.847	26.84	PK	37.4	-23.3	0	40.94	-	-	74	-33.06	0-360	150	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

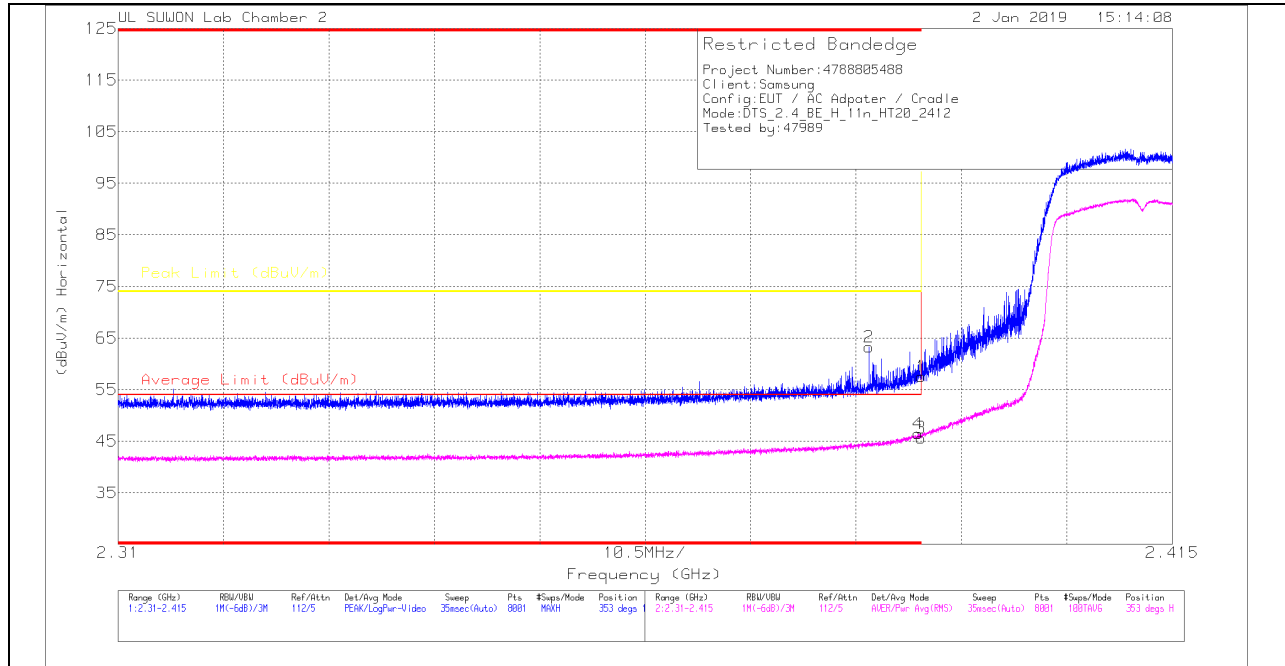
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.927	47.37	PK2	34.2	-31.5	0	50.07	-	-	74	-23.93	319	340	H
* 4.926	34.61	MAv1	34.2	-31.5	.15	37.46	54	-16.54	-	-	319	340	H
* 4.923	47.41	PK2	34.2	-31.6	0	50.01	-	-	74	-23.99	190	226	V
* 4.928	33.21	MAv1	34.2	-31.6	.15	35.96	54	-18.04	-	-	190	226	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

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

RESTRICTED BANDEDGE (1 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

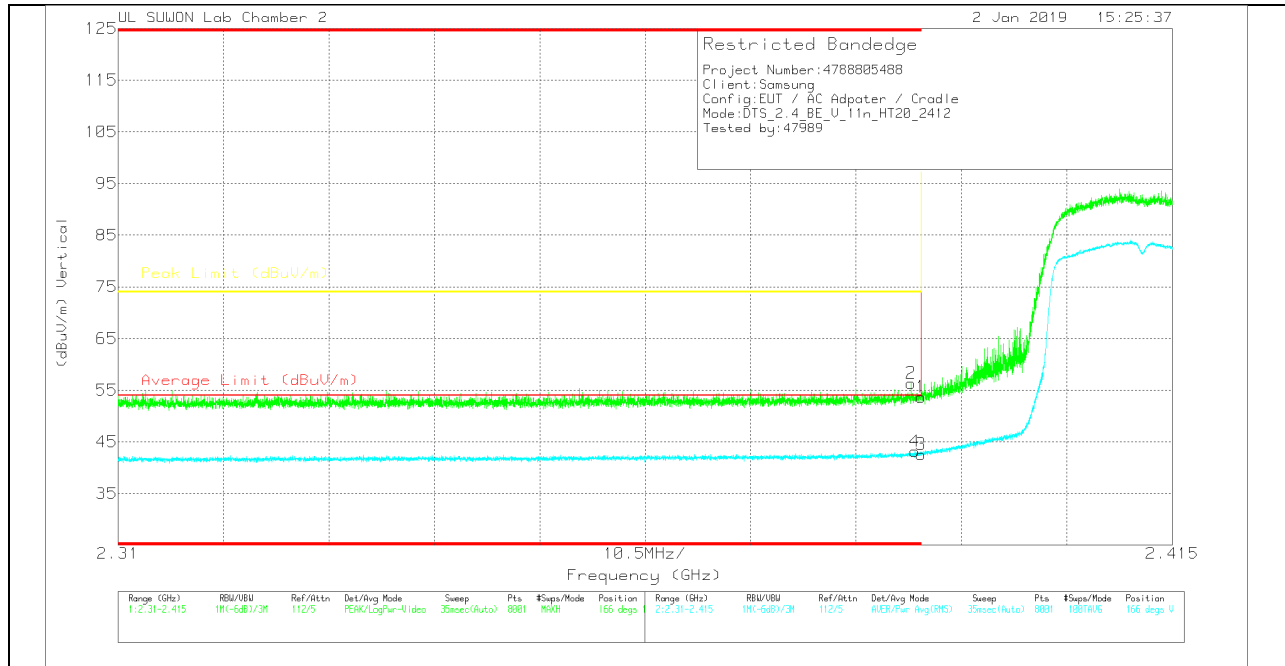
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	46.72	Pk	31.6	-20.8	0	57.52	-	-	74	-16.48	353	121	H
2	* 2.385	52.46	Pk	31.6	-20.8	0	63.26	-	-	74	-10.74	353	121	H
3	* 2.39	34.68	RMS	31.6	-20.8	.16	45.64	54	-8.36	-	-	353	121	H
4	* 2.39	35.48	RMS	31.6	-20.8	.16	46.44	54	-7.56	-	-	353	121	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

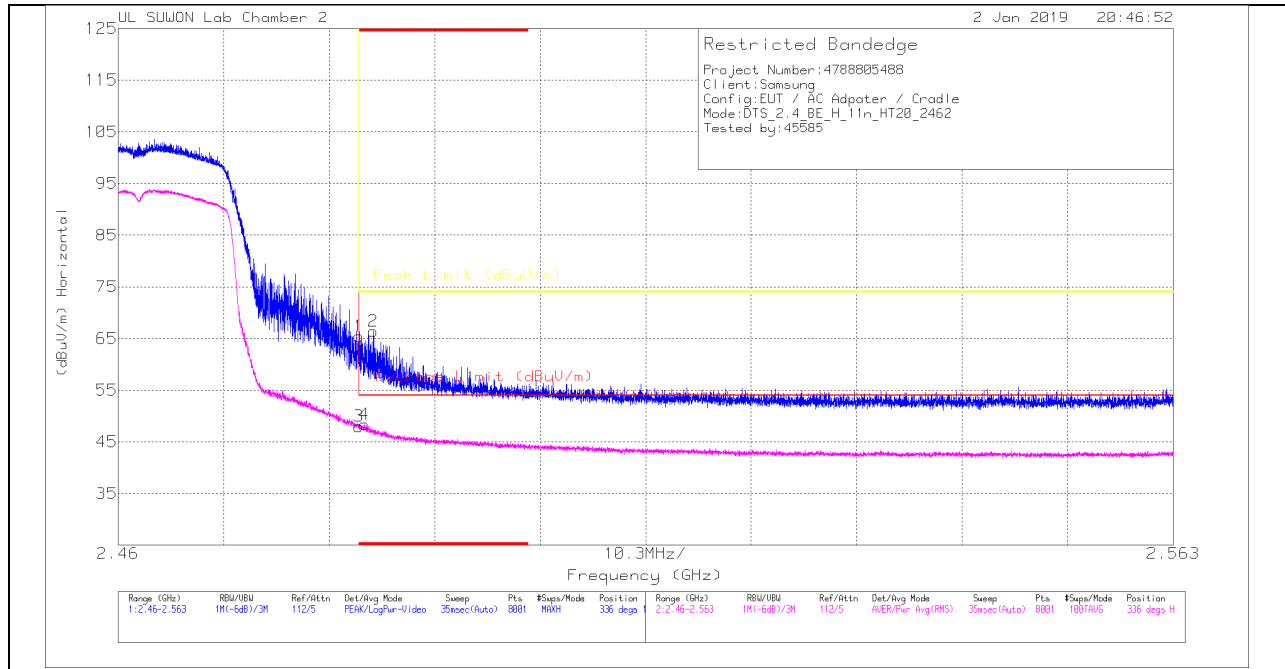
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.88	Pk	31.6	-20.8	0	53.68	-	-	74	-20.32	166	111	V
2	* 2.389	45.55	Pk	31.6	-20.8	0	56.35	-	-	74	-17.65	166	111	V
3	* 2.39	31.64	RMS	31.6	-20.8	.16	42.6	54	-11.4	-	-	166	111	V
4	* 2.389	32.19	RMS	31.6	-20.8	.16	43.15	54	-10.85	-	-	166	111	V

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

AUTHORIZED BANDEDGE (11 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

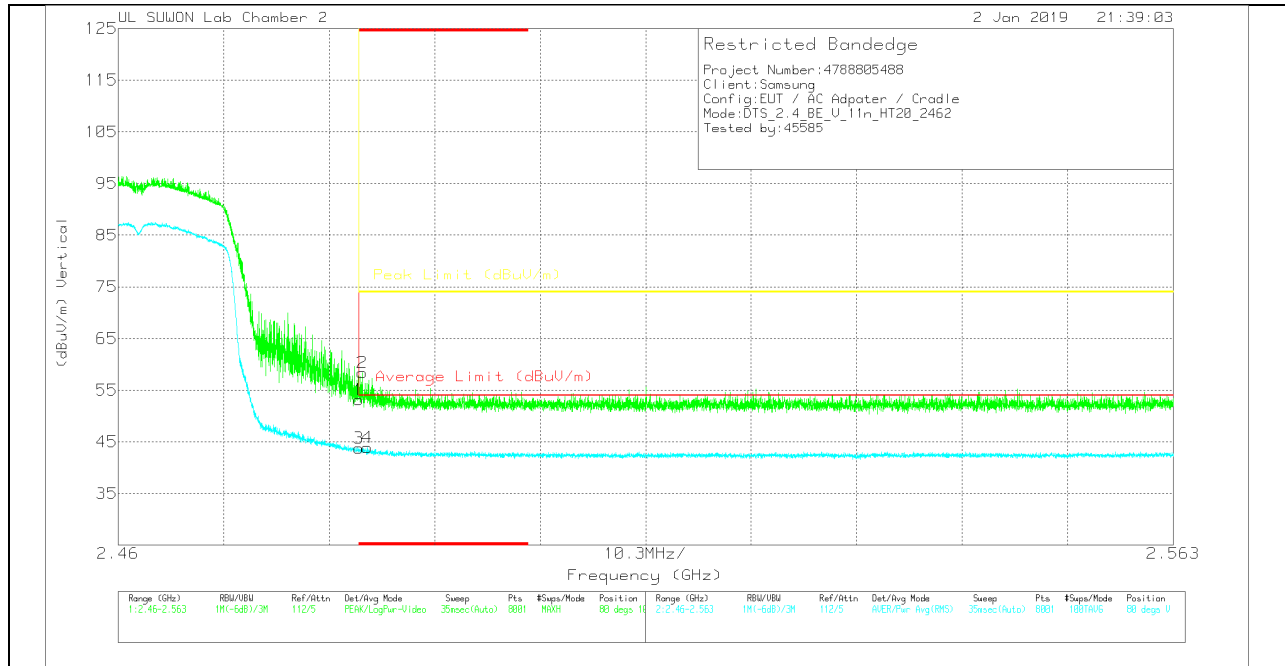
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.13	Pk	31.9	-20.6	0	65.43	-	-	74	-8.57	336	154	H
2	* 2.485	55.14	Pk	31.9	-20.6	0	66.44	-	-	74	-7.56	336	154	H
3	* 2.484	36.55	RMS	31.9	-20.6	.16	48.01	54	-5.99	-	-	336	154	H
4	* 2.484	36.93	RMS	31.9	-20.6	.16	48.39	54	-5.61	-	-	336	154	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.83	Pk	31.9	-20.6	0	53.13	-	-	74	-20.87	80	106	V
2	* 2.484	47.1	Pk	31.9	-20.6	0	58.4	-	-	74	-15.6	80	106	V
3	* 2.484	32.33	RMS	31.9	-20.6	16	43.79	54	-10.21	-	-	80	106	V
4	* 2.484	32.42	RMS	31.9	-20.6	16	43.88	54	-10.12	-	-	80	106	V

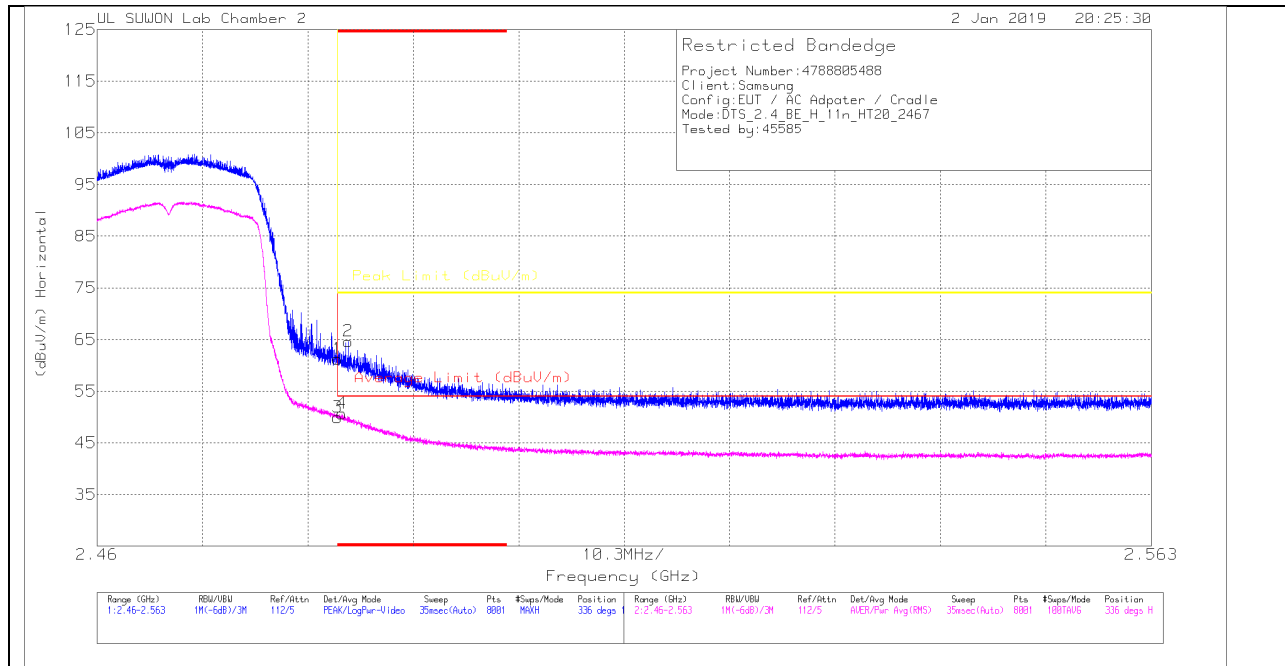
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

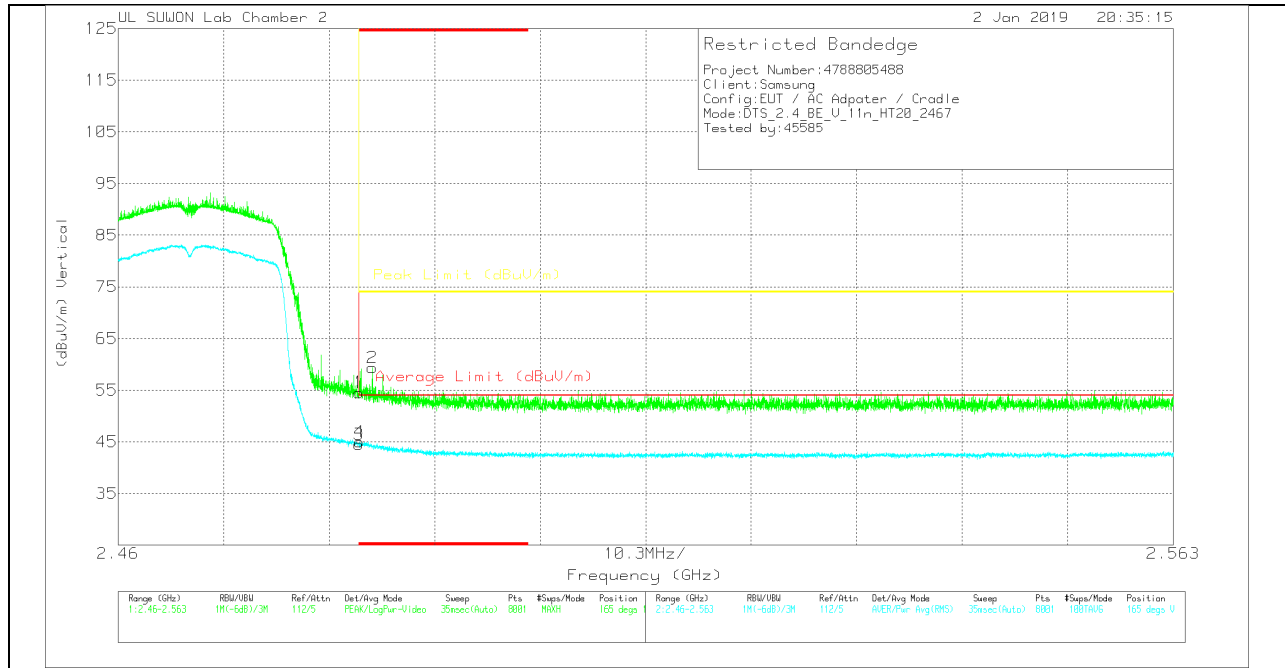
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	49.96	Pk	31.9	-20.6	0	61.26	-	-	74	-12.74	336	130	H
2	* 2.485	53.36	Pk	31.9	-20.6	0	64.66	-	-	74	-9.34	336	130	H
3	* 2.484	38.49	RMS	31.9	-20.6	.16	49.95	54	-4.05	-	-	336	130	H
4	* 2.484	39.21	RMS	31.9	-20.6	.16	50.67	54	-3.33	-	-	336	130	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.23	Pk	31.9	-20.6	0	54.53	-	-	74	-19.47	165	108	V
2	* 2.485	48.04	Pk	31.9	-20.6	0	59.34	-	-	74	-14.66	165	108	V
3	* 2.484	33.06	RMS	31.9	-20.6	16	44.52	54	-9.48	-	-	165	108	V
4	* 2.484	33.54	RMS	31.9	-20.6	16	45	54	-9	-	-	165	108	V

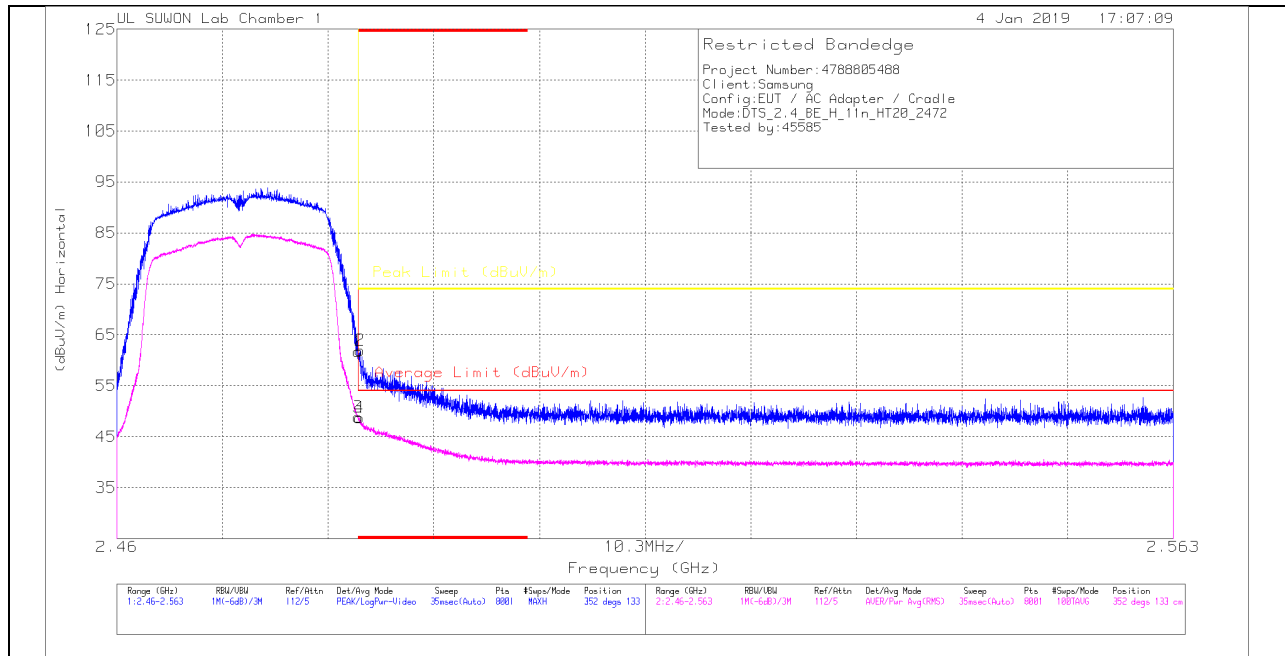
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

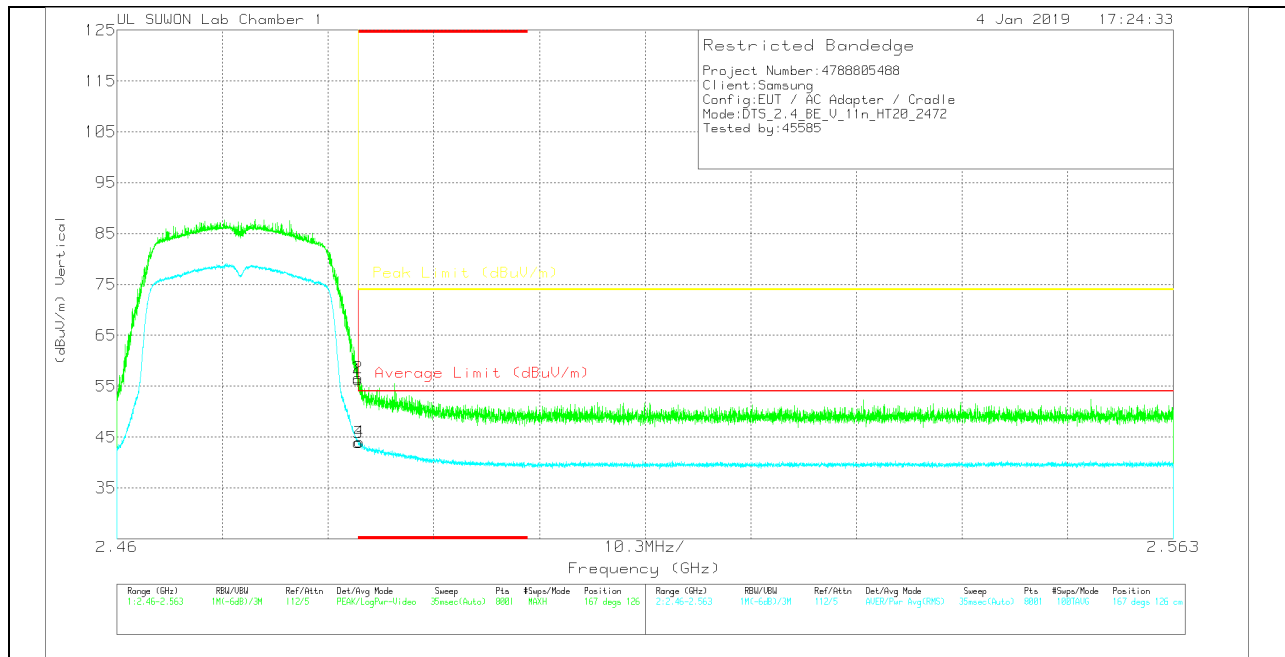
Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.07	Pk	31.9	-25.3	0	61.67	-	-	74	-12.33	352	133	H
2	* 2.484	55.3	Pk	31.9	-25.3	0	61.9	-	-	74	-12.1	352	133	H
3	* 2.484	42.06	RMS	31.9	-25.3	.16	48.82	54	-5.18	-	-	352	133	H
4	* 2.484	41.98	RMS	31.9	-25.3	.16	48.74	54	-5.26	-	-	352	133	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(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	49.62	Pk	31.9	-25.3	0	56.22	-	-	74	-17.78	167	126	V
2	* 2.484	50.01	Pk	31.9	-25.3	0	56.61	-	-	74	-17.39	167	126	V
3	* 2.484	37.19	RMS	31.9	-25.3	.16	43.95	54	-10.05	-	-	167	126	V
4	* 2.484	37.3	RMS	31.9	-25.3	.16	44.06	54	-9.94	-	-	167	126	V

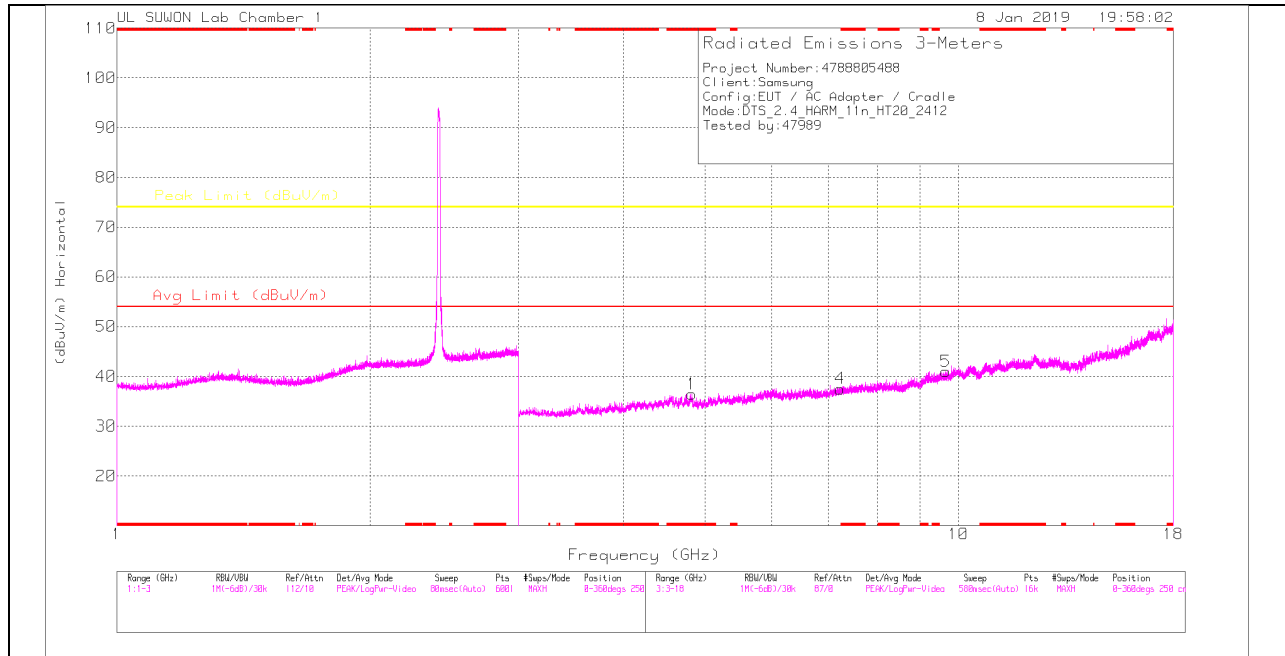
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

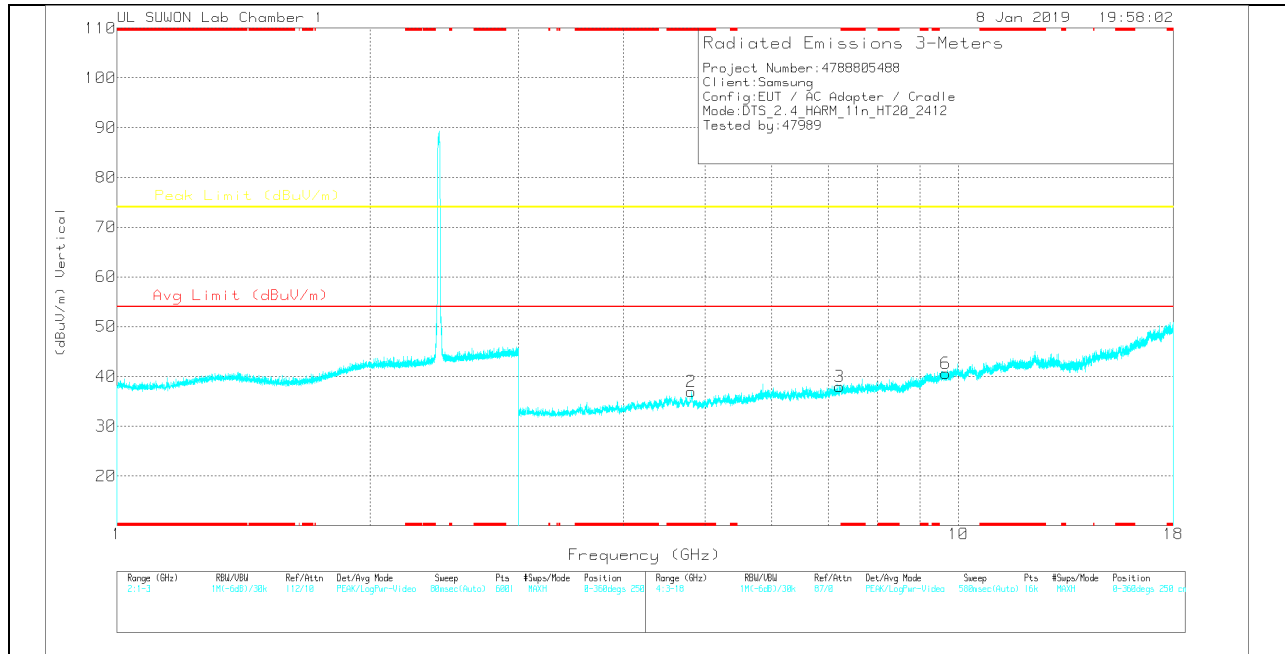
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

1 CHANNEL HORIZONTAL



1 CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

1 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.82	33.62	PK	34.2	-31.4	0	36.42	-	-	74	-37.58	0-360	250	H
4	7.231	29.52	PK	35.8	-27.8	0	37.52	-	-	74	-36.48	0-360	150	H
5	9.655	27.31	PK	37.1	-23.4	0	41.01	-	-	74	-32.99	0-360	150	H
2	* 4.816	34.14	PK	34.2	-31.4	0	36.94	-	-	74	-37.06	0-360	250	V
3	7.225	29.91	PK	35.8	-27.8	0	37.91	-	-	74	-36.09	0-360	250	V
6	9.662	26.97	PK	37.1	-23.5	0	40.57	-	-	74	-33.43	0-360	250	V

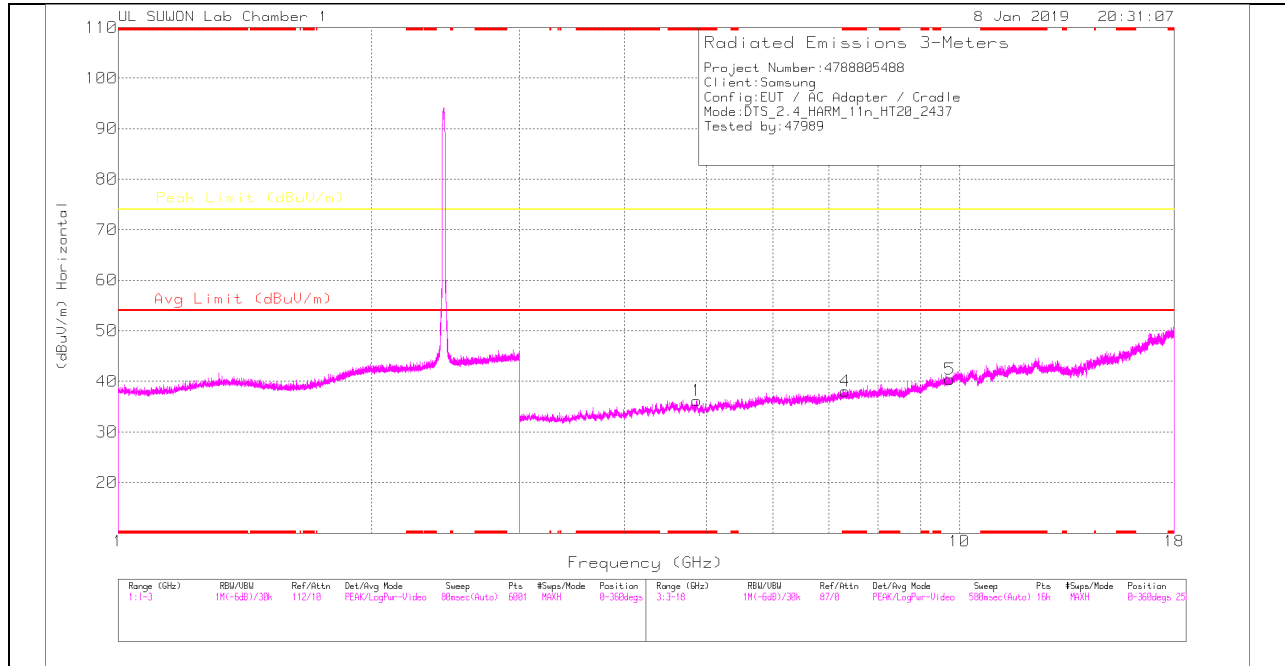
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

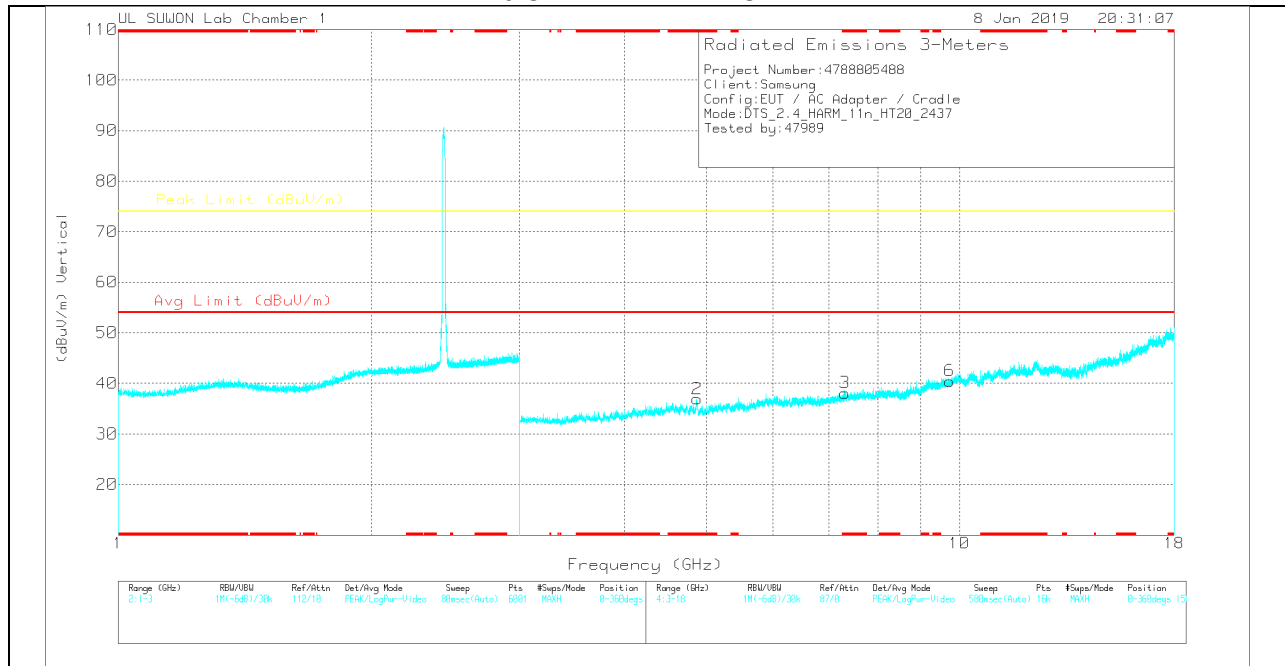
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.821	50.08	PK2	34.2	-31.4	0	52.88	-	-	74	-21.12	303	355	H
* 4.822	32.17	MAv1	34.2	-31.4	.16	35.13	54	-18.87	-	-	303	355	H
* 4.825	47.14	PK2	34.2	-31.3	0	50.04	-	-	74	-23.96	42	216	V
* 4.822	31.09	MAv1	34.2	-31.4	.16	34.05	54	-19.95	-	-	42	216	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

6 CHANNEL HORIZONTAL



6 CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

6 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.875	33.5	PK	34.2	-31.5	0	36.2	-	-	74	-37.8	0-360	250	H
4	* 7.314	29.62	PK	35.8	-27.4	0	38.02	-	-	74	-35.98	0-360	150	H
5	9.742	27.12	PK	37.2	-23.9	0	40.42	-	-	74	-33.58	0-360	150	H
2	* 4.877	34.22	PK	34.2	-31.5	0	36.92	-	-	74	-37.08	0-360	150	V
3	* 7.309	29.72	PK	35.8	-27.4	0	38.12	-	-	74	-35.88	0-360	150	V
6	9.74	27.18	PK	37.2	-23.9	0	40.48	-	-	74	-33.52	0-360	150	V

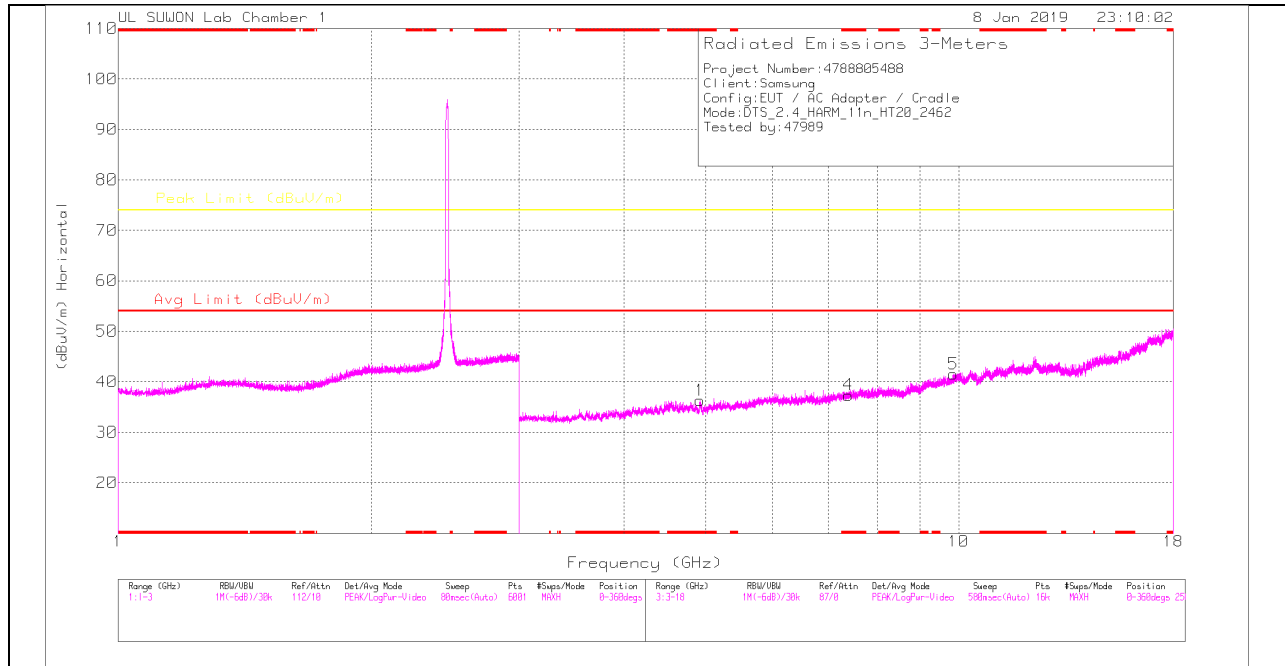
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

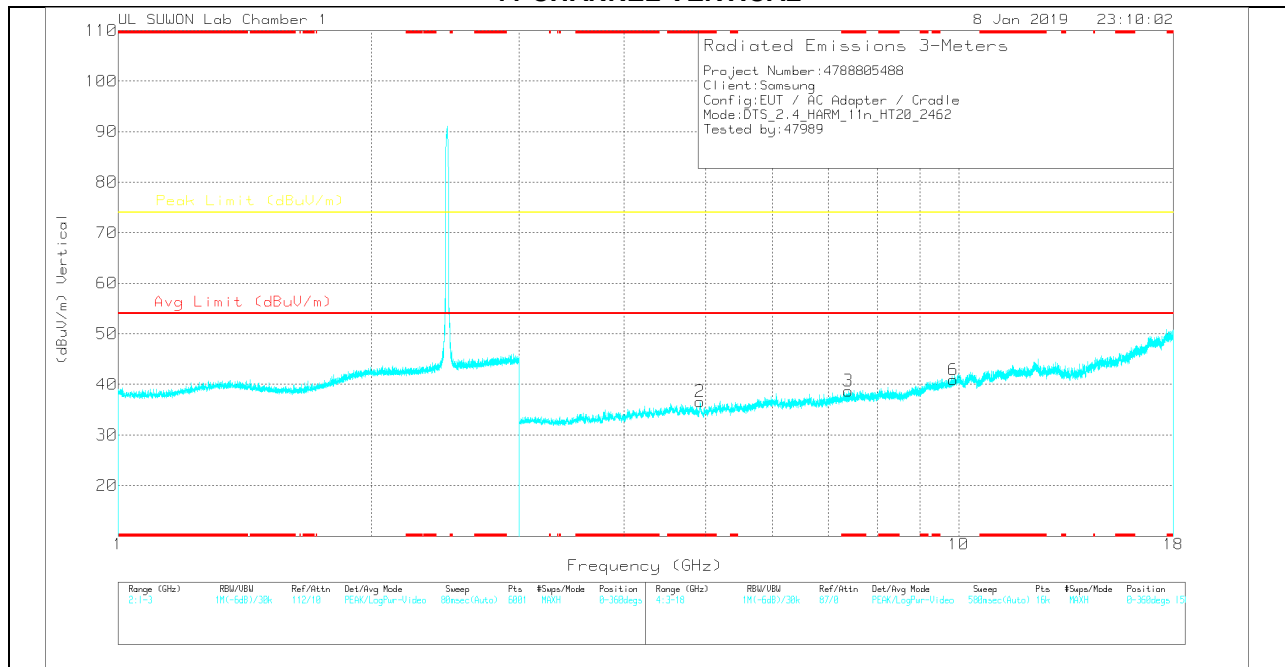
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.878	44.79	PK2	34.2	-31.5	0	47.49	-	-	74	-26.51	206	156	H
* 4.873	30.88	MAv1	34.2	-31.5	.16	33.74	54	-20.26	-	-	206	156	H
* 4.874	49.07	PK2	34.2	-31.5	0	51.77	-	-	74	-22.23	190	247	V
* 4.874	32.12	MAv1	34.2	-31.5	.16	34.98	54	-19.02	-	-	190	247	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak
 MAv1 - KDB558074 Option 1 Maximum RMS Average

11 CHANNEL HORIZONTAL



11 CHANNEL VERTICAL



Note: Emission was scanned up to 26GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

11 CHANNEL DATA

Trace Markers

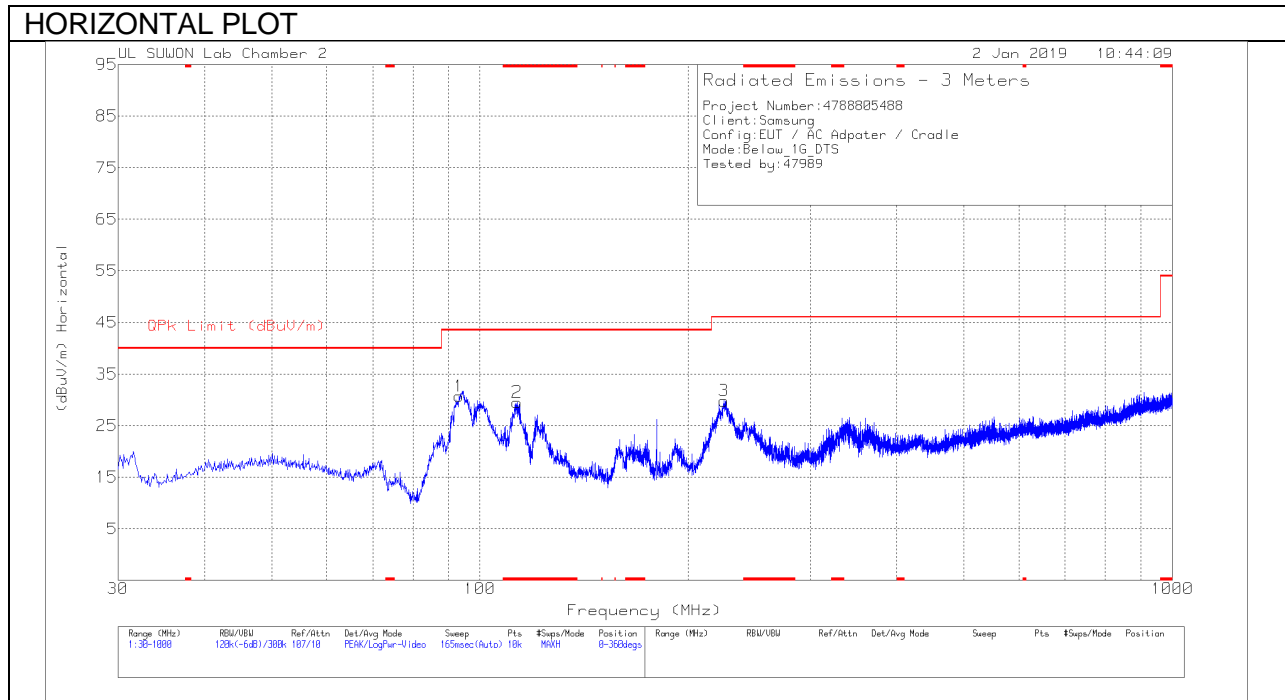
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.926	33.58	PK	34.2	-31.5	0	36.28	-	-	74	-37.72	0-360	250	H
4	* 7.389	28.57	PK	35.8	-27	0	37.37	-	-	74	-36.63	0-360	250	H
5	9.847	27.42	PK	37.4	-23.3	0	41.52	-	-	74	-32.48	0-360	250	H
2	* 4.922	33.98	PK	34.2	-31.6	0	36.58	-	-	74	-37.42	0-360	250	V
3	* 7.391	29.8	PK	35.8	-26.9	0	38.7	-	-	74	-35.3	0-360	250	V
6	9.854	26.69	PK	37.4	-23.2	0	40.89	-	-	74	-33.11	0-360	150	V

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

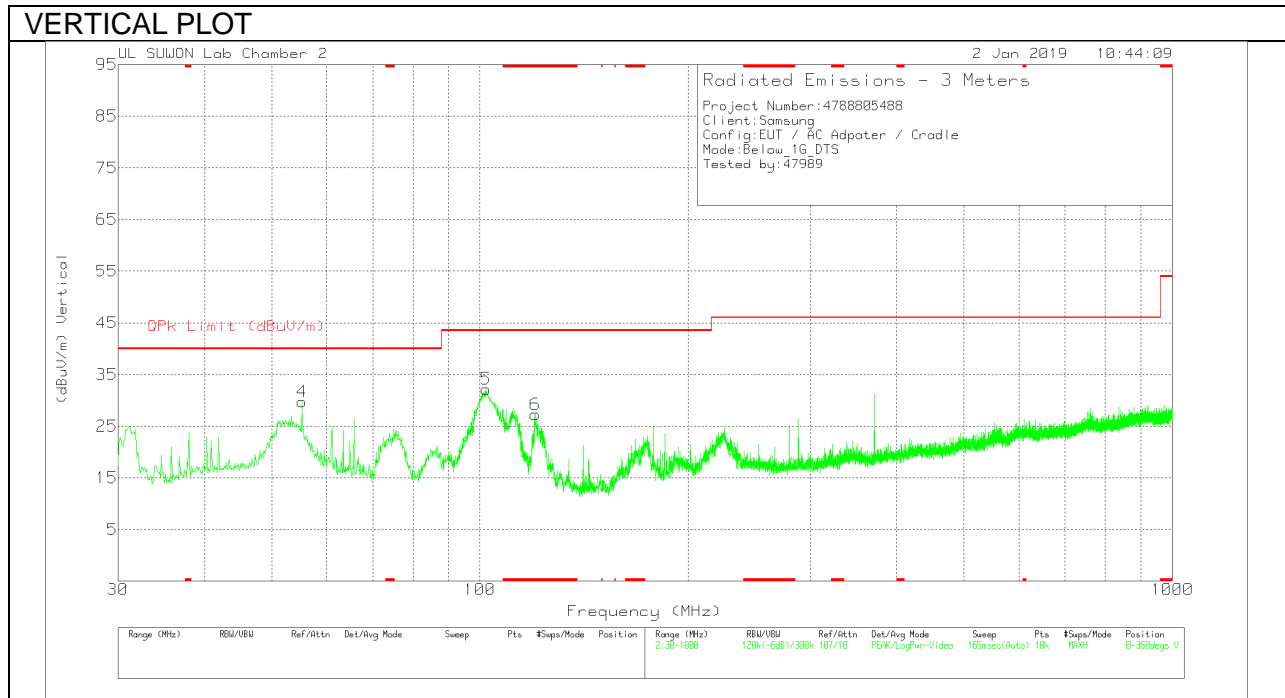
PK – Peak detector

11.3. WORST-CASE BELOW 1 GHz

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



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



Below 1G Data

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163_749	Below_1G[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	93.244	45.29	Pk	16.8	-31.4	30.69	43.52	-12.83	0-360	200	H
2	* 113.129	44.32	Pk	16.5	-31.3	29.52	43.52	-14	0-360	300	H
3	224.97	42.72	Pk	17.9	-30.8	29.82	46.02	-16.2	0-360	100	H
4	55.317	42.23	Pk	19.3	-31.8	29.73	40	-10.27	0-360	200	V
5	102.071	45.81	Pk	17.8	-31.4	32.21	43.52	-11.31	0-360	100	V
6	* 120.21	43.3	Pk	15.3	-31.3	27.3	43.52	-16.22	0-360	100	V

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

Pk - Peak detector

12. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)
IC RSS-GEN Clause 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.

TEST PROCEDURE

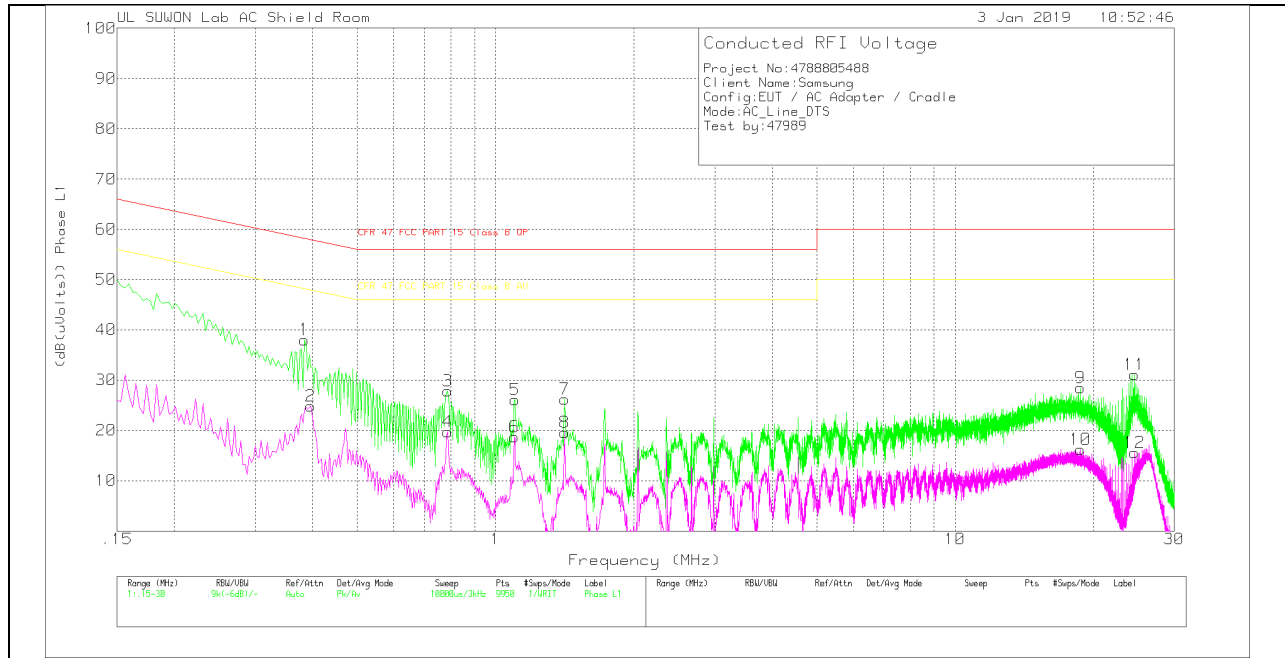
The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

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.

WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

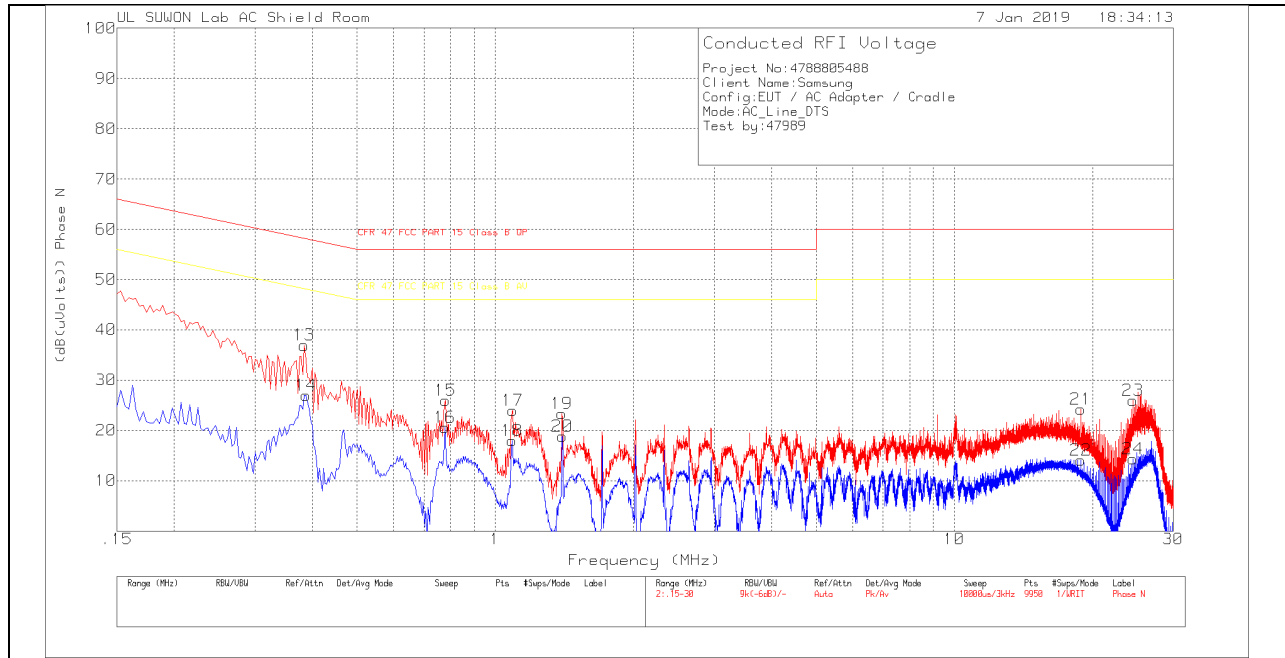
Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ENV216_10183 6_With ex-cord_L1	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.384	27.94	Pk	9.9	.2	38.04	58.19	-20.15	-	-
2	.396	14.71	Av	9.9	.2	24.81	-	-	47.94	-23.13
3	.786	17.8	Pk	9.9	.2	27.9	56	-28.1	-	-
4	.786	9.59	Av	9.9	.2	19.69	-	-	46	-26.31
5	1.101	15.98	Pk	9.8	.3	26.08	56	-29.92	-	-
6	1.098	8.66	Av	9.8	.3	18.76	-	-	46	-27.24
7	1.416	16.17	Pk	9.8	.3	26.27	56	-29.73	-	-
8	1.413	9.5	Av	9.8	.3	19.6	-	-	46	-26.4
9	18.735	17.62	Pk	10.4	.4	28.42	60	-31.58	-	-
10	18.738	5.44	Av	10.4	.4	16.24	-	-	50	-33.76
11	24.561	20.12	Pk	10.6	.4	31.12	60	-28.88	-	-
12	24.561	4.54	Av	10.6	.4	15.54	-	-	50	-34.46

Pk - Peak detector

Av - Average detection

LINE 2 PLOT



LINE 2 RESULTS

Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	ENV216_10183 6_With ex-cord_N	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
13	.384	27.42	Pk	9.3	.2	36.92	58.19	-21.27	-	-
14	.387	17.62	Av	9.2	.2	27.02	-	-	48.13	-21.11
15	.78	16.02	Pk	9.8	.2	26.02	56	-29.98	-	-
16	.777	10.54	Av	9.8	.2	20.54	-	-	46	-25.46
17	1.092	13.87	Pk	9.8	.3	23.97	56	-32.03	-	-
18	1.089	7.9	Av	9.8	.3	18	-	-	46	-28
19	1.398	13.34	Pk	9.7	.3	23.34	56	-32.66	-	-
20	1.401	8.8	Av	9.7	.3	18.8	-	-	46	-27.2
21	18.861	13.3	Pk	10.5	.4	24.2	60	-35.8	-	-
22	18.864	3.16	Av	10.5	.4	14.06	-	-	50	-35.94
23	24.48	14.84	Pk	10.7	.4	25.94	60	-34.06	-	-
24	24.477	3.21	Av	10.7	.4	14.31	-	-	50	-35.69

Pk - Peak detector

Av - Average detection