

1 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	* 4.823	31.6	PK	34	-28.2	0	37.4	-	-	74	-36.6	0-360	250	H
3	7.234	27.86	PK	36.1	-25.5	0	38.46	-	-	74	-35.54	0-360	250	H
5	9.648	28.06	PK	37	-21.6	0	43.46	-	-	74	-30.54	0-360	150	H
2	* 4.824	33.16	PK	34	-28.1	0	39.06	-	-	74	-34.94	0-360	250	V
4	7.232	26.81	PK	36.1	-25.5	0	37.41	-	-	74	-36.59	0-360	150	V
6	9.648	31.13	PK	37	-21.6	0	46.53	-	-	74	-27.47	0-360	250	V

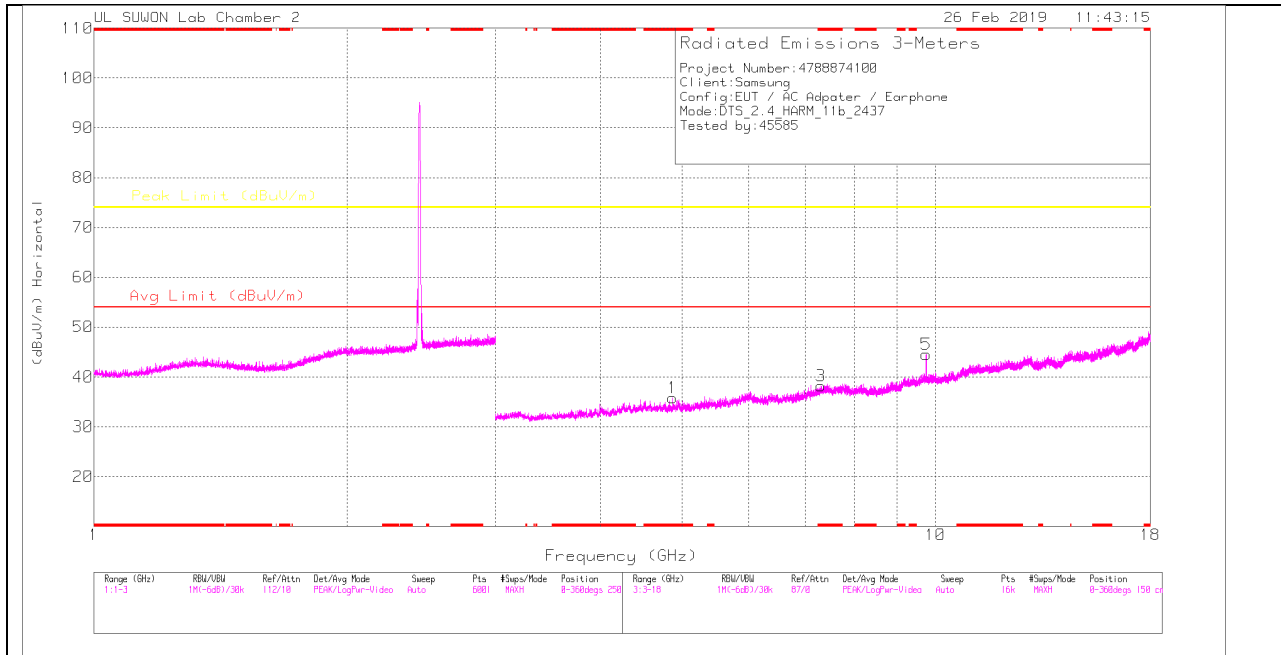
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

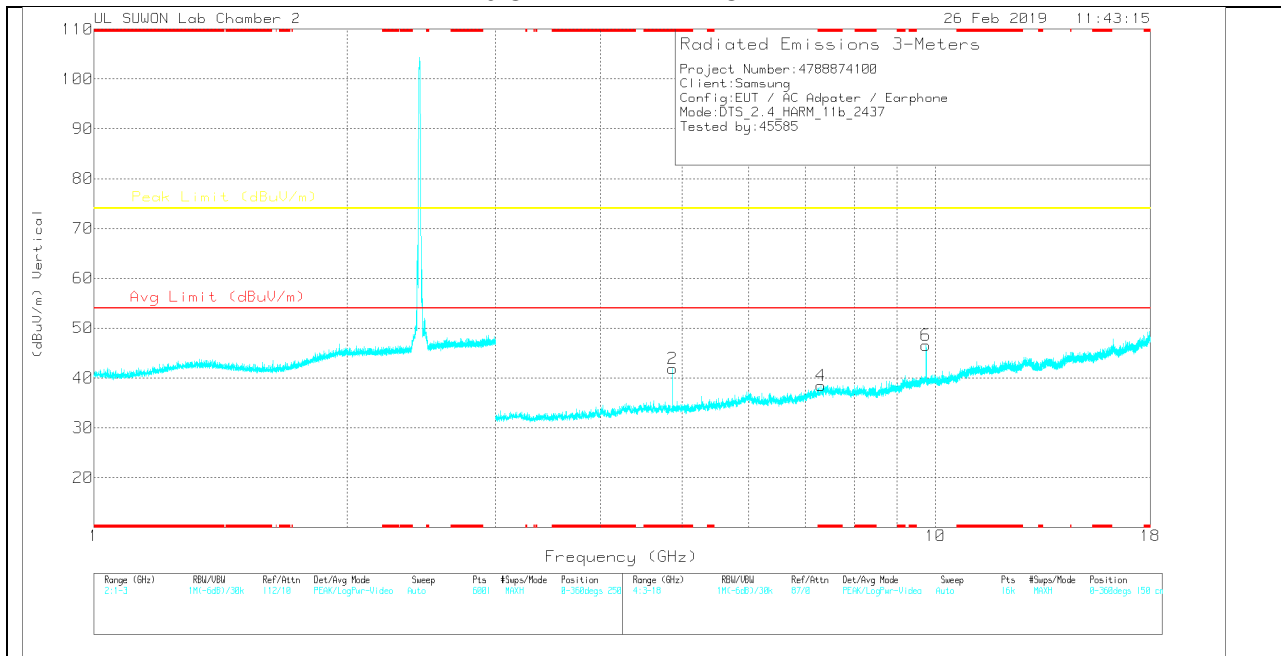
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.824	38.15	PK2	34	-28.1	0	44.05	-	-	74	-29.95	203	265	H
* 4.824	28.01	MAv1	34	-28.1	0	33.91	54	-20.09	-	-	203	265	H
* 4.824	39.31	PK2	34	-28.1	0	45.21	-	-	74	-28.79	210	349	V
* 4.824	30.41	MAv1	34	-28.1	0	36.31	54	-17.69	-	-	210	349	V
9.648	36.02	PK2	37	-21.6	0	51.42	-	-	74	-22.58	143	223	V
9.648	34.19	PK2	37	-21.6	0	49.59	-	-	74	-24.41	65	151	H

* - 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_00168724	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	* 4.874	29.8	PK	34	-28	0	35.8	-	-	74	-38.2	0-360	150	H
3	* 7.309	27.08	PK	36.2	-25.1	0	38.18	-	-	74	-35.82	0-360	150	H
5	9.749	28.71	PK	37.2	-21.4	0	44.51	-	-	74	-29.49	0-360	150	H
2	* 4.874	35.86	PK	34	-28	0	41.86	-	-	74	-32.14	0-360	250	V
4	* 7.314	27.22	PK	36.2	-25	0	38.42	-	-	74	-35.58	0-360	250	V
6	9.748	30.8	PK	37.2	-21.4	0	46.6	-	-	74	-27.4	0-360	250	V

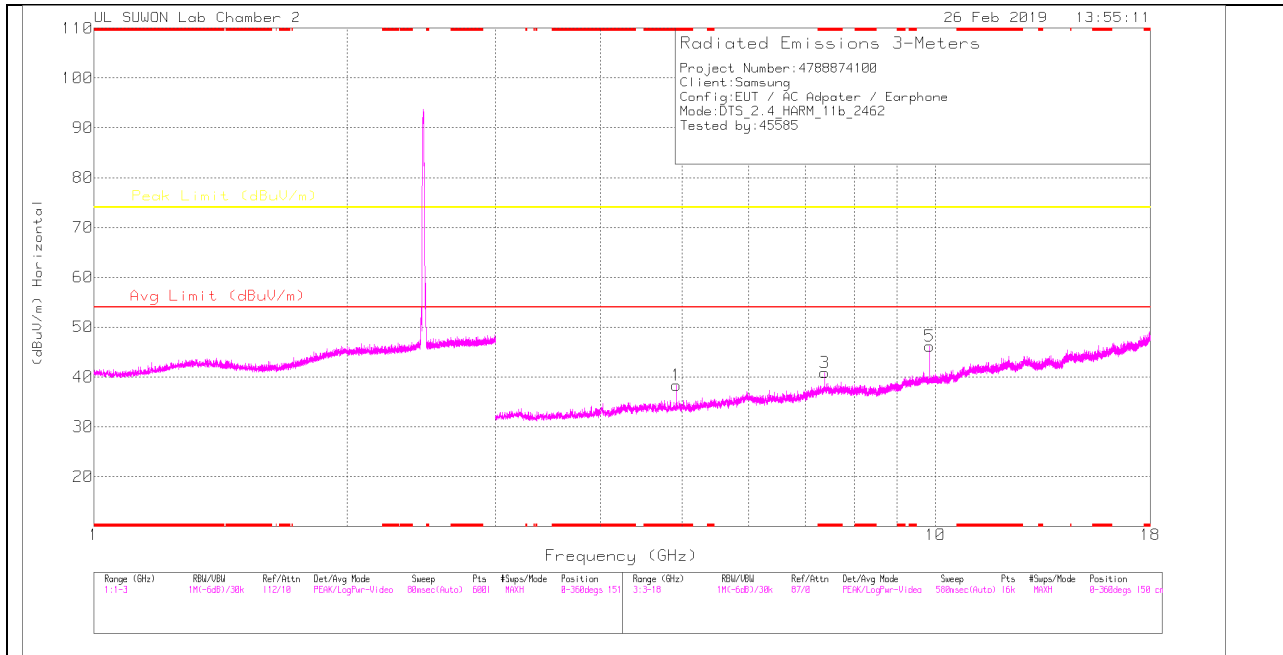
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

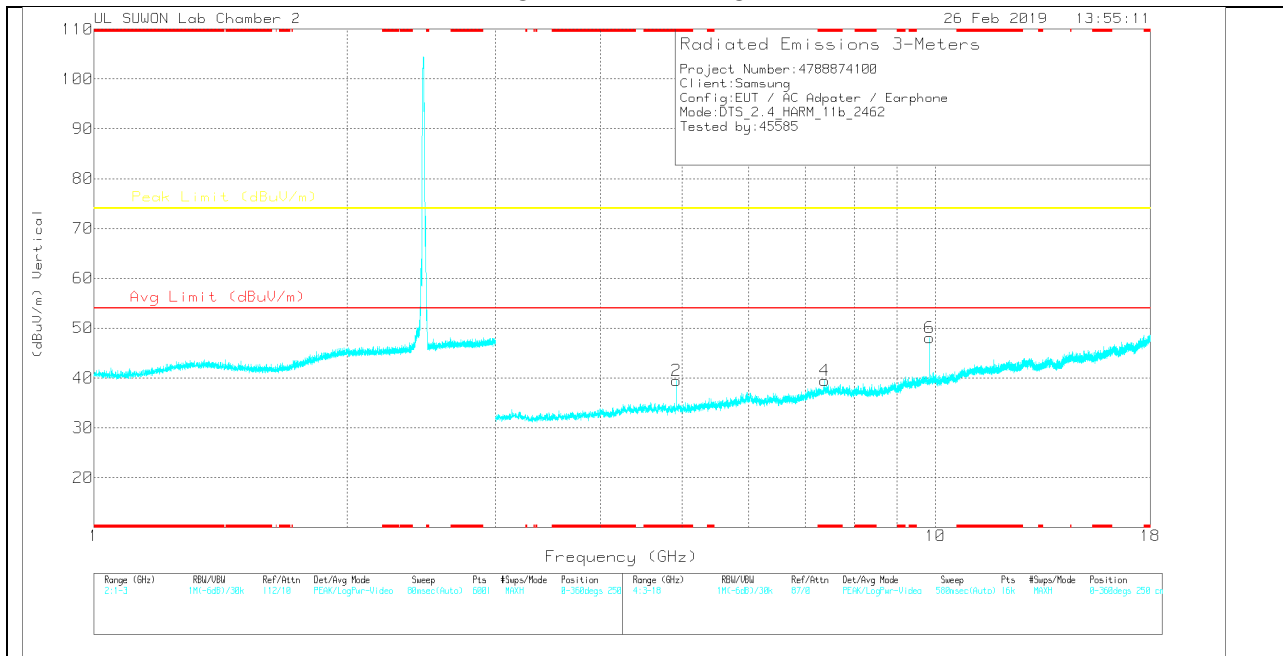
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.874	38.1	PK2	34	-28	0	44.1	-	-	74	-29.9	118	158	H
* 4.874	28.1	MAv1	34	-28	0	34.1	54	-19.9	-	-	118	158	H
* 4.874	41.64	PK2	34	-28	0	47.64	-	-	74	-26.36	223	171	V
* 4.874	33.92	MAv1	34	-28	0	39.92	54	-14.08	-	-	223	171	V
9.748	36.04	PK2	37.2	-21.4	0	51.84	-	-	74	-22.16	169	263	V
9.748	35.79	PK2	37.2	-21.4	0	51.59	-	-	74	-22.41	157	100	H

* - 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_00168724	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	* 4.924	31.69	PK	34	-27.3	0	38.39	-	-	74	-35.61	0-360	150	H
3	* 7.385	28.93	PK	36.2	-24.3	0	40.83	-	-	74	-33.17	0-360	250	H
5	9.848	30.65	PK	37.3	-21.8	0	46.15	-	-	74	-27.85	0-360	250	H
2	* 4.924	32.73	PK	34	-27.3	0	39.43	-	-	74	-34.57	0-360	250	V
4	* 7.384	27.6	PK	36.2	-24.3	0	39.5	-	-	74	-34.5	0-360	150	V
6	9.848	32.58	PK	37.3	-21.8	0	48.08	-	-	74	-25.92	0-360	250	V

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

Radiated Emissions

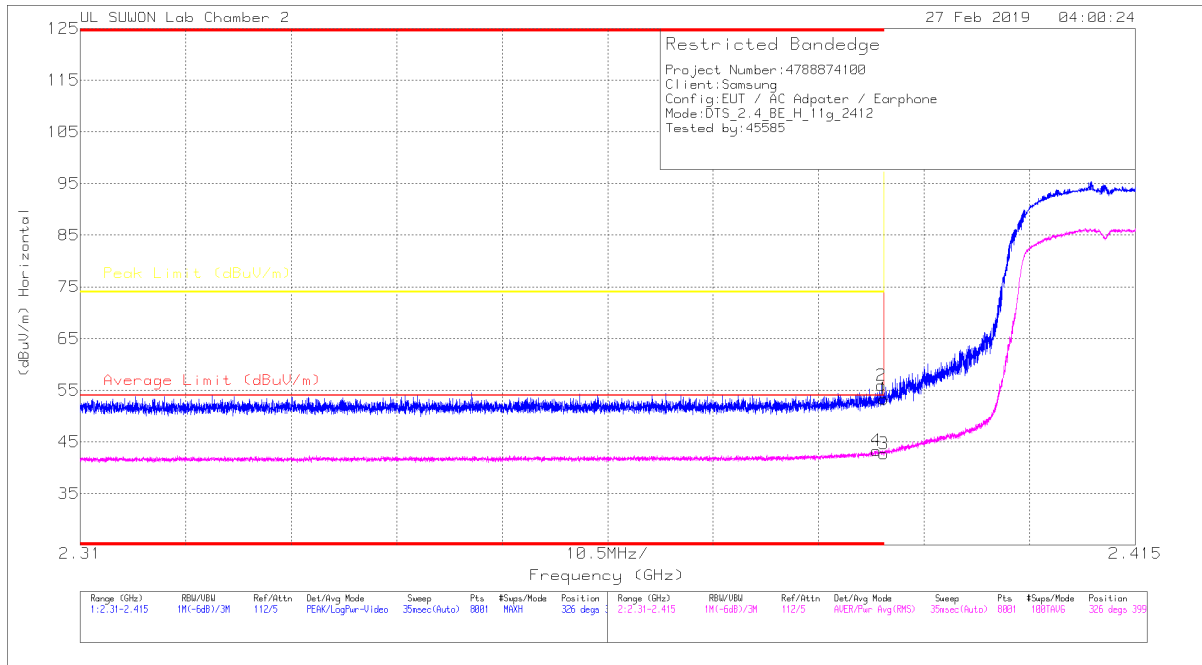
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.924	38.81	PK2	34	-27.3	0	45.51	-	-	74	-28.49	184	121	H
* 4.924	31.76	MAv1	34	-27.3	0	38.46	54	-15.54	-	-	184	121	H
* 4.924	38.08	PK2	34	-27.3	0	44.78	-	-	74	-29.22	349	193	V
* 4.924	29.31	MAv1	34	-27.3	0	36.01	54	-17.99	-	-	349	193	V
* 7.384	36.86	PK2	36.2	-24.3	0	48.76	-	-	74	-25.24	175	100	H
* 7.385	27.86	MAv1	36.2	-24.3	0	39.76	54	-14.24	-	-	175	100	H
* 7.384	36.32	PK2	36.2	-24.3	0	48.22	-	-	74	-25.78	152	116	V
* 7.385	26.21	MAv1	36.2	-24.3	0	38.11	54	-15.89	-	-	152	116	V
9.848	37.27	PK2	37.3	-21.8	0	52.77	-	-	74	-21.23	136	100	H
9.848	36.7	PK2	37.3	-21.8	0	52.2	-	-	74	-21.8	165	254	V

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

11.2.2.TX ABOVE 1 GHz 802.11g MODE IN THE 2.4 GHz BAND

RESTRICTED BANDEDGE (1 CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

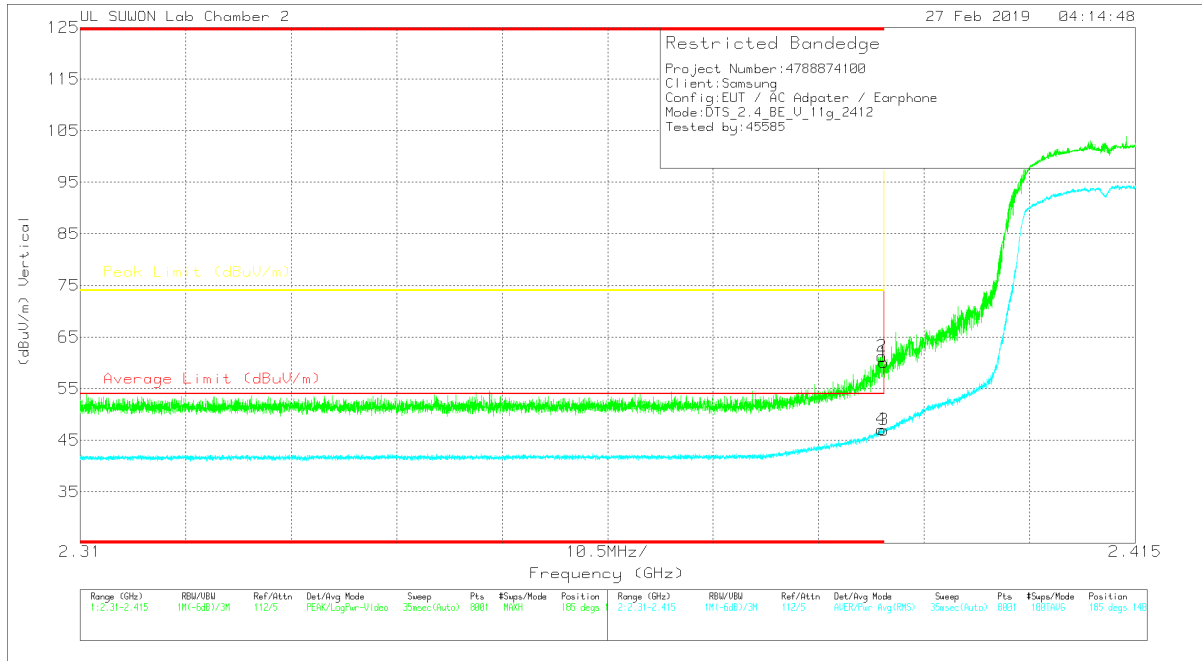
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	42.52	Pk	31.6	-20.8	0	53.32	-	-	74	-20.68	326	399	H
2	* 2.39	45.16	Pk	31.6	-20.8	0	55.96	-	-	74	-18.04	326	399	H
3	* 2.39	31.68	RMS	31.6	-20.8	.23	42.71	54	-11.29	-	-	326	399	H
4	* 2.389	32.32	RMS	31.6	-20.8	.23	43.35	54	-10.65	-	-	326	399	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE 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	49.31	Pk	31.6	-20.8	0	60.11	-	-	74	-13.89	185	140	V
2	* 2.39	50.47	Pk	31.6	-20.8	0	61.27	-	-	74	-12.73	185	140	V
3	* 2.39	35.98	RMS	31.6	-20.8	.23	47.01	54	-6.99	-	-	185	140	V
4	* 2.39	36.09	RMS	31.6	-20.8	.23	47.12	54	-6.88	-	-	185	140	V

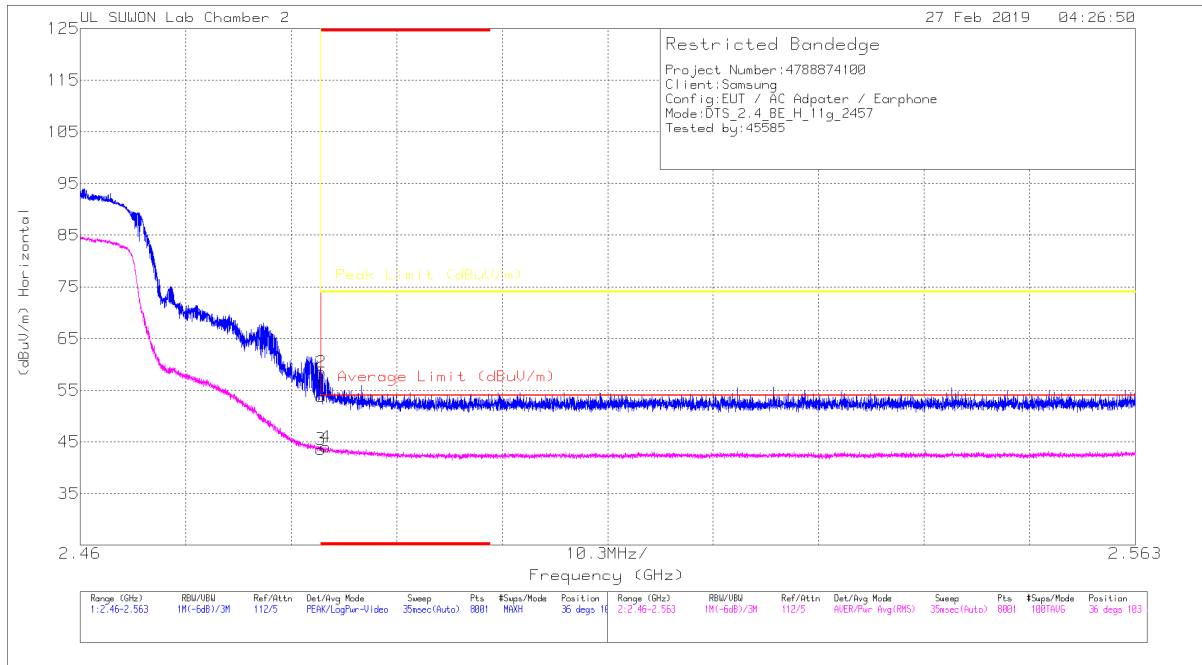
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (10 CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

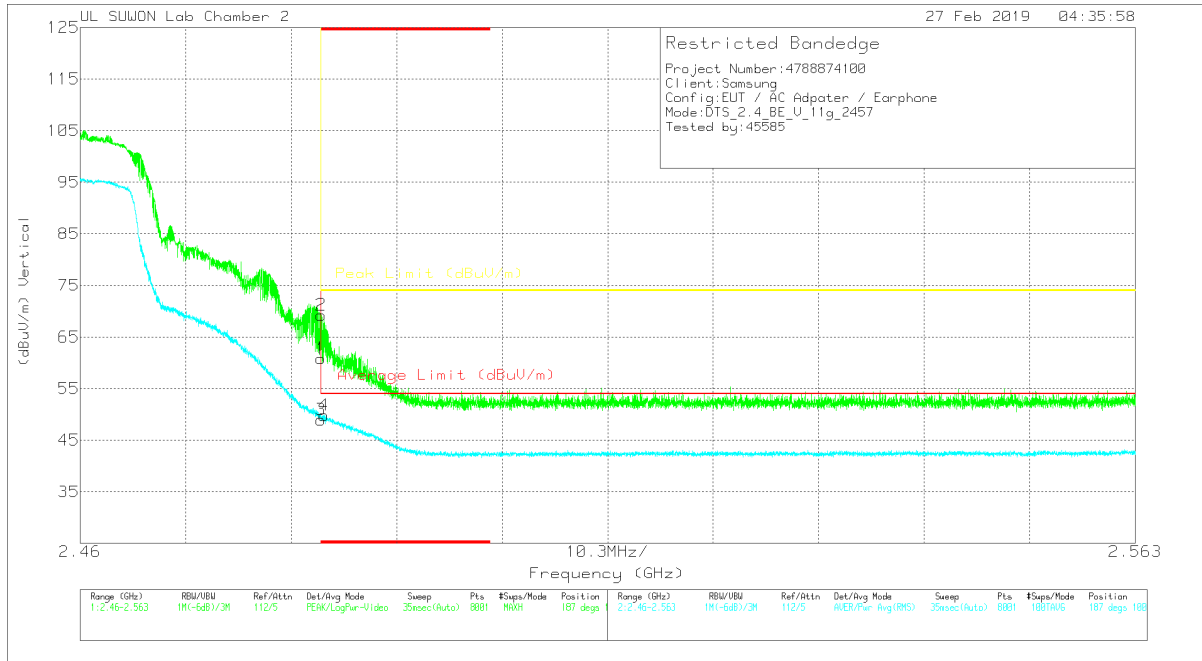


Trace Markers

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	42.53	Pk	31.9	-20.6	0	53.83	-	-	74	-20.17	36	103	H
2	* 2.484	47.16	PK	31.9	-20.6	0	58.46	-	-	74	-15.54	36	103	H
3	* 2.484	32.06	RMS	31.9	-20.6	.23	43.59	54	-10.41	-	-	36	103	H
4	* 2.484	32.51	RMS	31.9	-20.6	.23	44.04	54	-9.96	-	-	36	103	H

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

VERTICAL PEAK AND AVERAGE 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	49.55	Pk	31.9	-20.6	0	60.85	-	-	74	-13.15	187	100	V
2	* 2.484	57.97	Pk	31.9	-20.6	0	69.27	-	-	74	-4.73	187	100	V
3	* 2.484	37.44	RMS	31.9	-20.6	.23	48.97	54	-5.03	-	-	187	100	V
4	* 2.484	38.3	RMS	31.9	-20.6	.23	49.83	54	-4.17	-	-	187	100	V

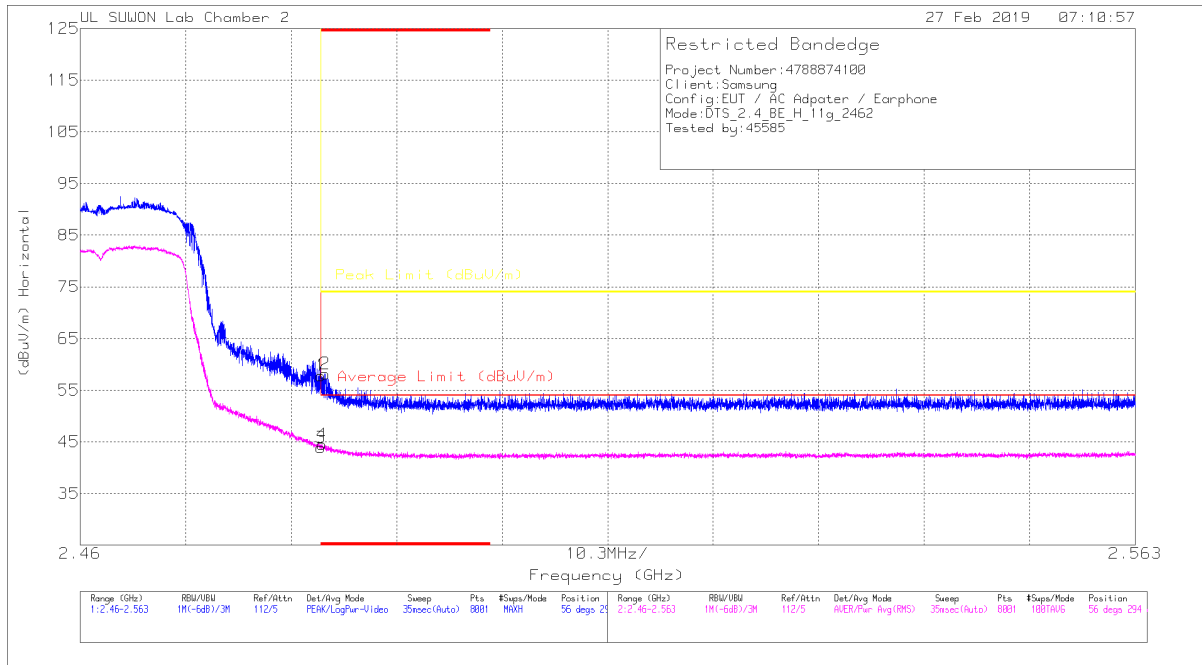
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (11 CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

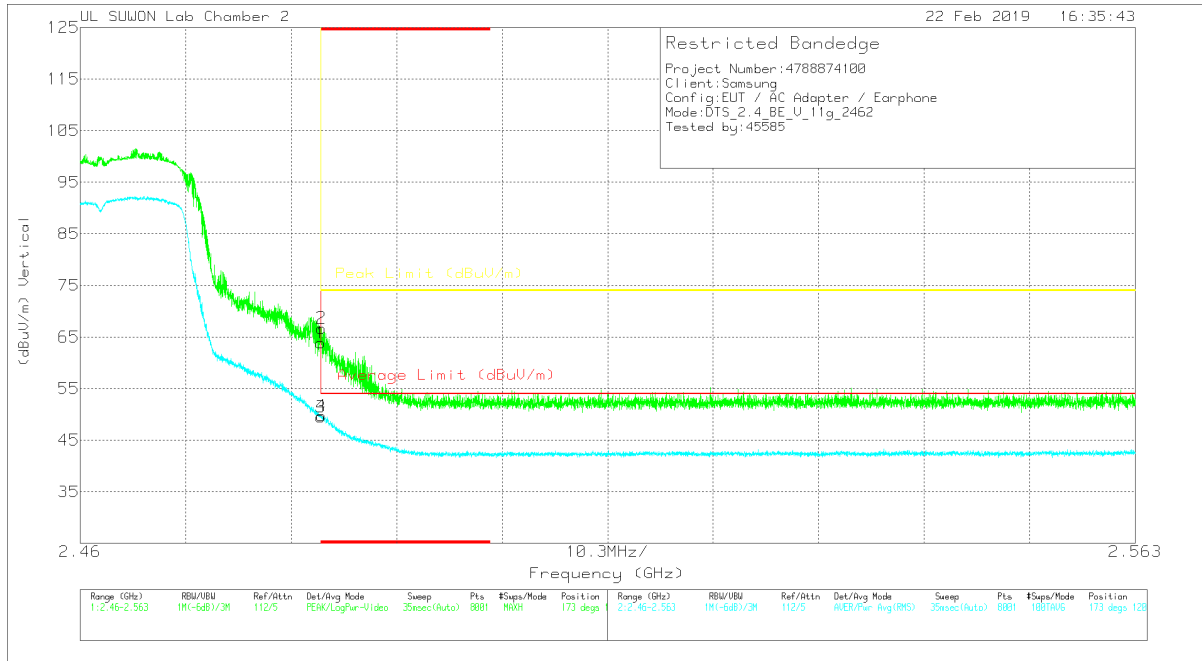


Trace Markers

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)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	46.54	Pk	31.9	-20.6	0	57.84	-	-	74	-16.16	56	294	H
2	* 2.484	46.87	PK	31.9	-20.6	0	58.17	-	-	74	-15.83	56	294	H
3	* 2.484	32.37	RMS	31.9	-20.6	.23	43.9	54	-10.1	-	-	56	294	H
4	* 2.484	32.97	RMS	31.9	-20.6	.23	44.5	54	-9.5	-	-	56	294	H

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

VERTICAL PEAK AND AVERAGE 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	52.54	Pk	31.9	-20.6	0	63.84	-	-	74	-10.16	173	120	V
2	* 2.484	55.41	Pk	31.9	-20.6	0	66.71	-	-	74	-7.29	173	120	V
3	* 2.484	37.99	RMS	31.9	-20.6	.23	49.52	54	-4.48	-	-	173	120	V
4	* 2.484	38.19	RMS	31.9	-20.6	.23	49.72	54	-4.28	-	-	173	120	V

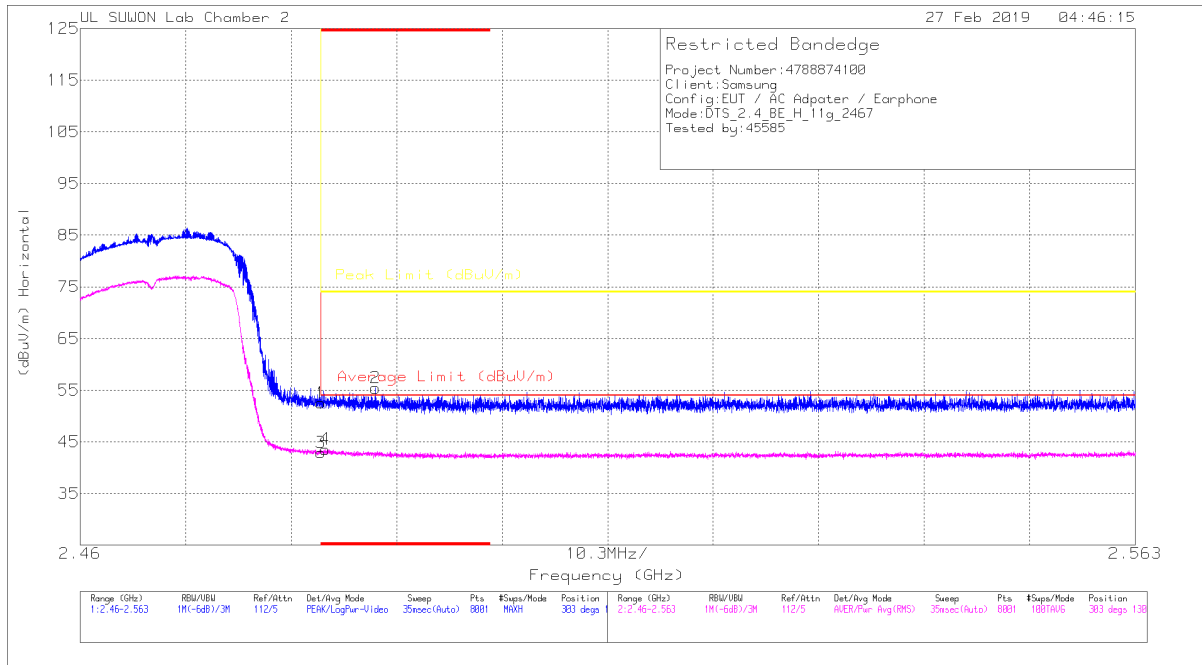
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

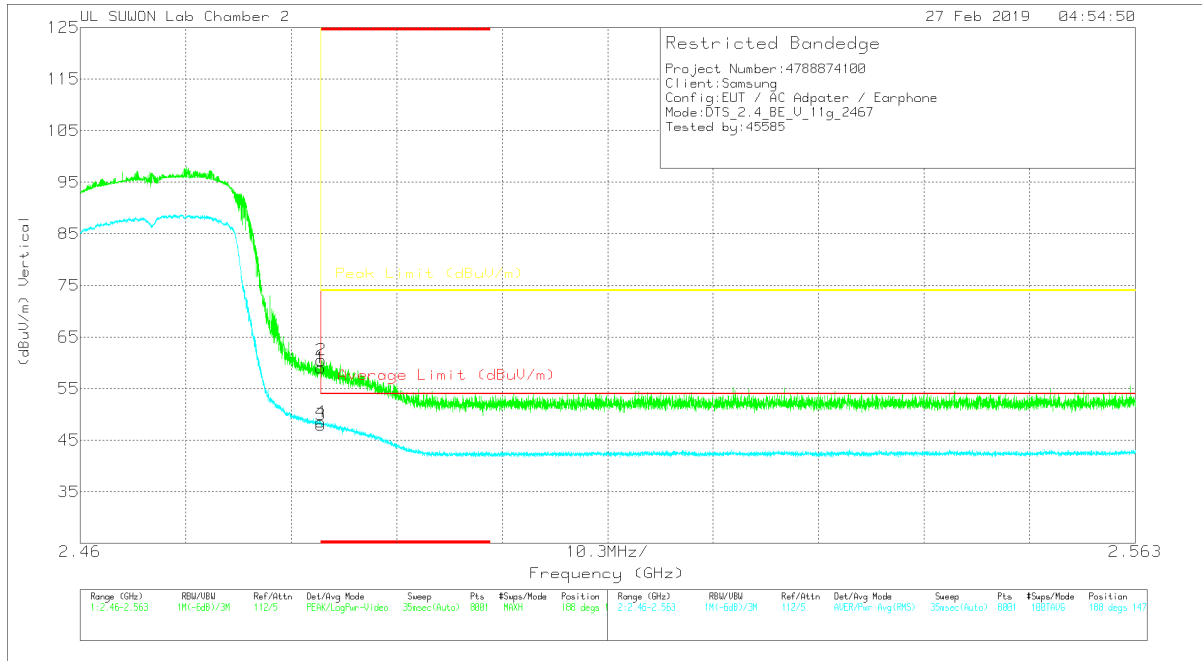
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.23	Pk	31.9	-20.6	0	52.53	-	-	74	-21.47	303	130	H
2	* 2.489	44.13	Pk	31.9	-20.6	0	55.43	-	-	74	-18.57	303	130	H
3	* 2.484	31.38	RMS	31.9	-20.6	-23	42.91	54	-11.09	-	-	303	130	H
4	* 2.484	32.03	RMS	31.9	-20.6	-23	43.56	54	-10.44	-	-	303	130	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE 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	47.68	Pk	31.9	-20.6	0	58.98	-	-	74	-15.02	188	147	V
2	* 2.484	49.23	Pk	31.9	-20.6	0	60.53	-	-	74	-13.47	188	147	V
3	* 2.484	36.46	RMS	31.9	-20.6	.23	47.99	54	-6.01	-	-	188	147	V
4	* 2.484	36.99	RMS	31.9	-20.6	.23	48.52	54	-5.48	-	-	188	147	V

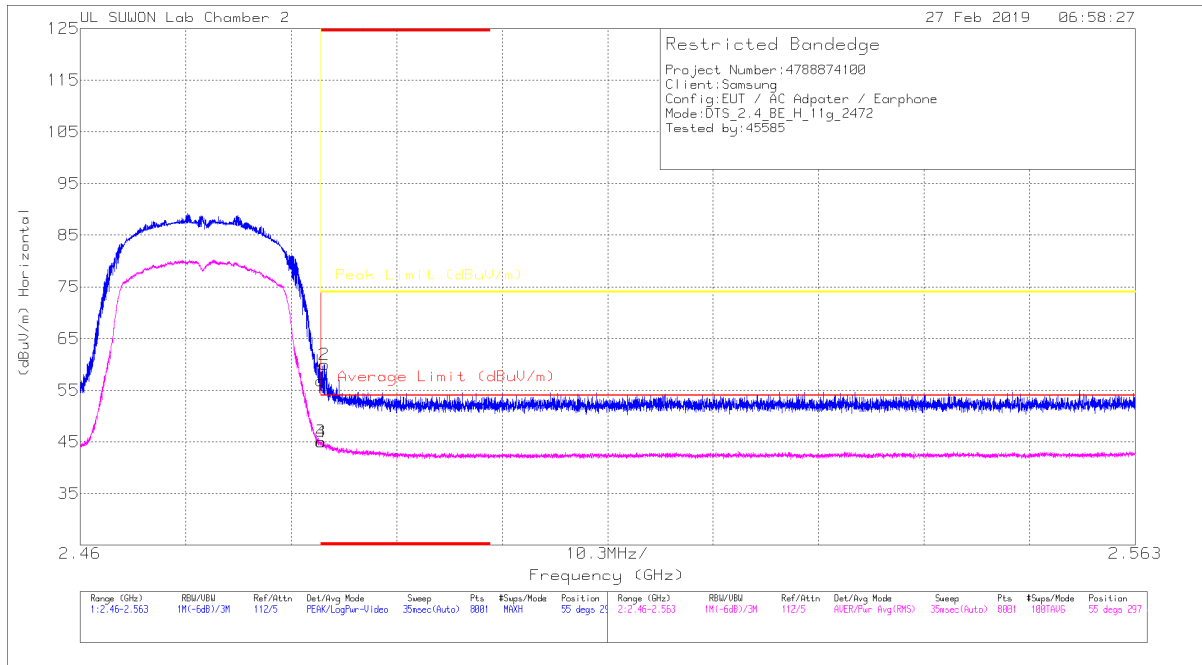
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

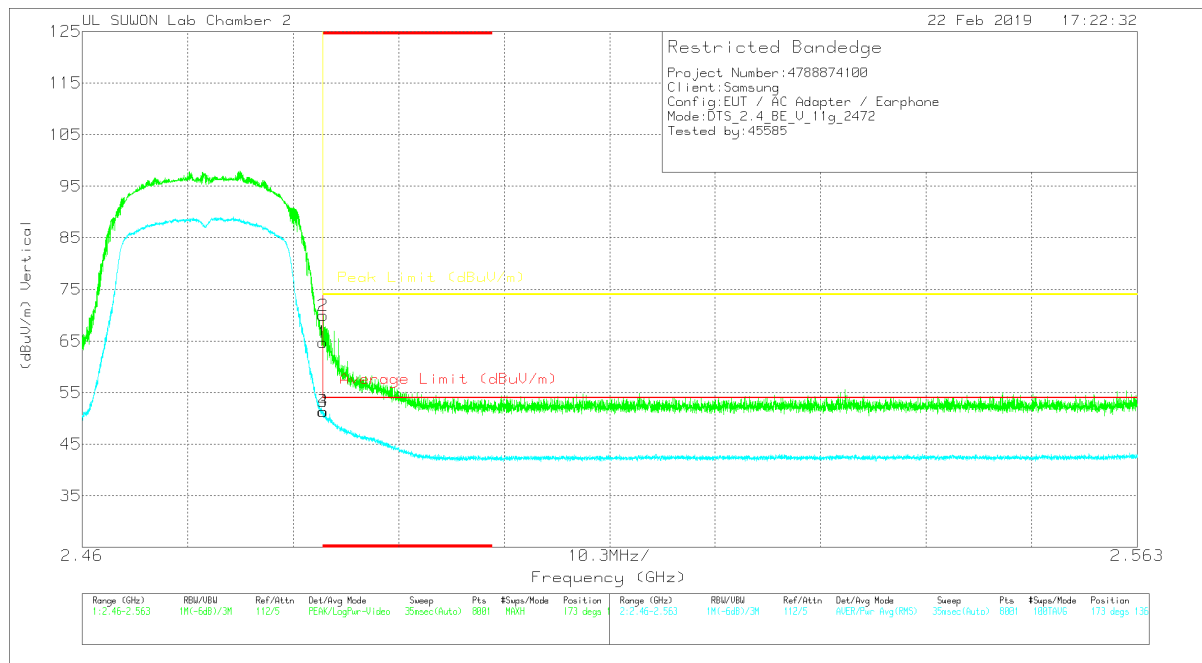
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	45.55	Pk	31.9	-20.6	0	56.85	-	-	74	-17.15	55	297	H
2	* 2.484	48.67	Pk	31.9	-20.6	0	59.97	-	-	74	-14.03	55	297	H
3	* 2.484	33.53	RMS	31.9	-20.6	.23	45.06	54	-8.94	-	-	55	297	H
4	* 2.484	33.48	RMS	31.9	-20.6	.23	45.01	54	-8.99	-	-	55	297	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



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	53.44	Pk	31.9	-20.6	0	64.74	-	-	74	-9.26	173	136	V
2	* 2.484	58.67	Pk	31.9	-20.6	0	69.97	-	-	74	-4.03	173	136	V
3	* 2.484	39.83	RMS	31.9	-20.6	.23	51.36	54	-2.64	-	-	173	136	V
4	* 2.484	39.85	RMS	31.9	-20.6	.23	51.38	54	-2.62	-	-	173	136	V

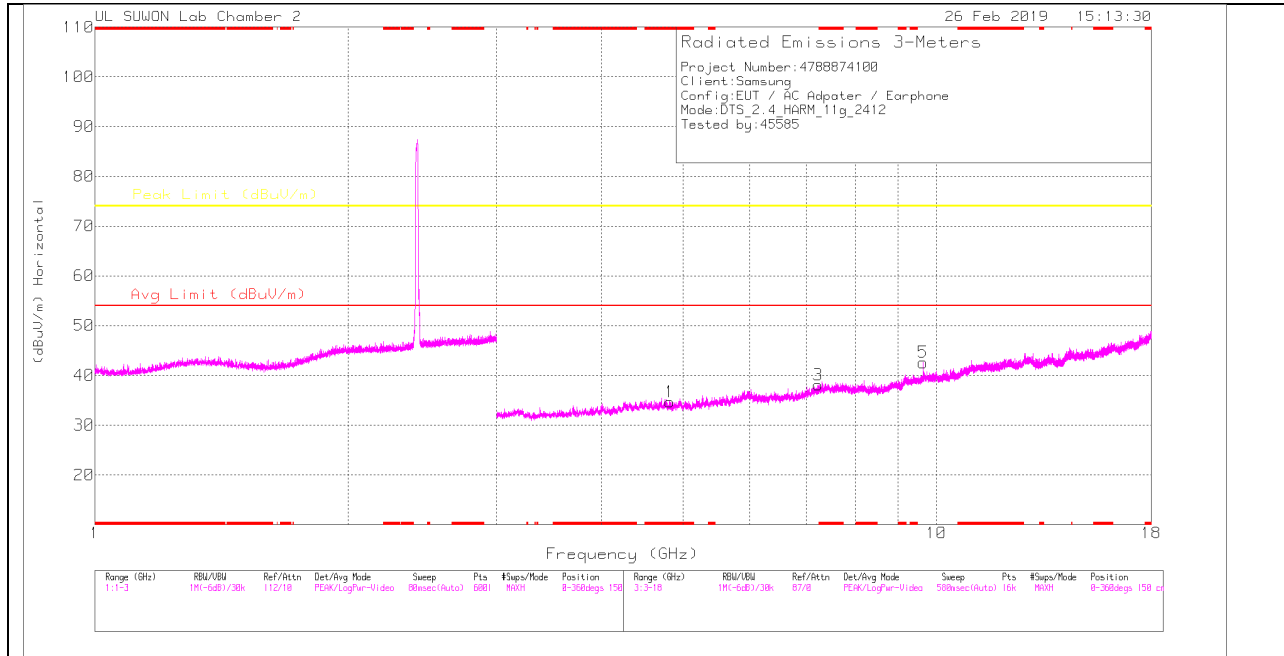
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

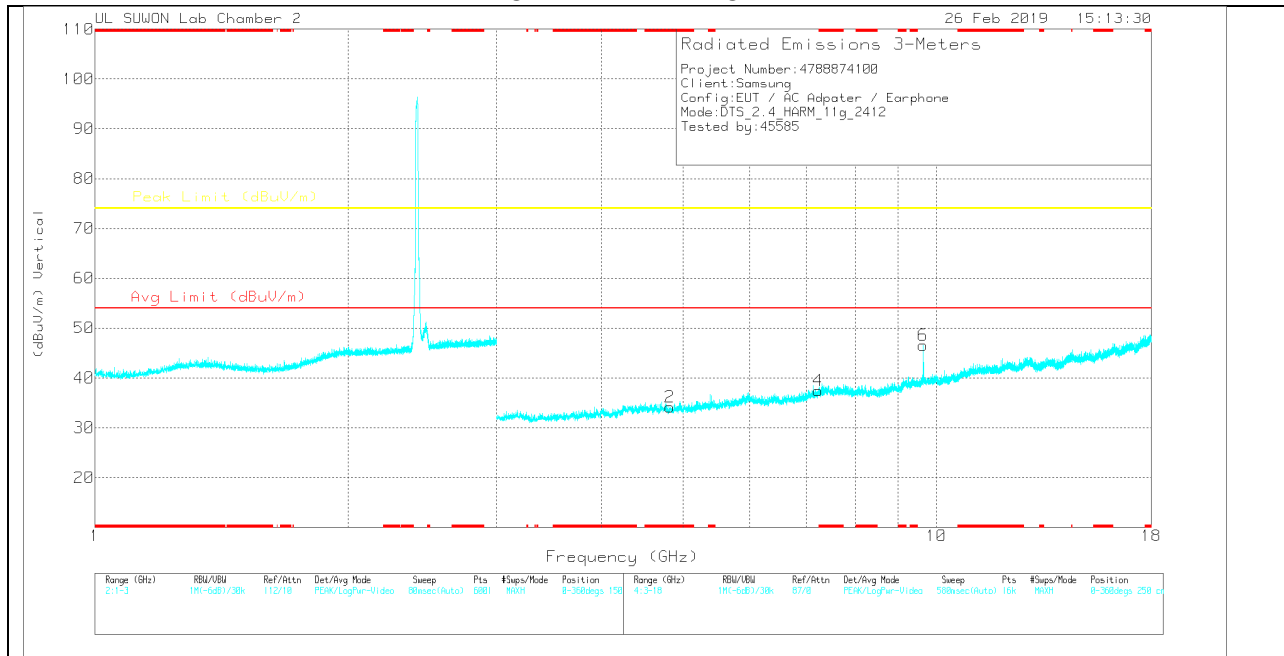
RMS - RMS detection

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_00168724	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	* 4.825	28.84	PK	34	-28.2	0	34.64	-	-	74	-39.36	0-360	150	H
3	7.236	27.43	PK	36.1	-25.5	0	38.03	-	-	74	-35.97	0-360	150	H
5	9.647	27.28	PK	37	-21.7	0	42.58	-	-	74	-31.42	0-360	250	H
2	* 4.824	28.3	PK	34	-28.1	0	34.2	-	-	74	-39.8	0-360	150	V
4	7.235	26.81	PK	36.1	-25.5	0	37.41	-	-	74	-36.59	0-360	150	V
6	9.648	31.19	PK	37	-21.6	0	46.59	-	-	74	-27.41	0-360	150	V

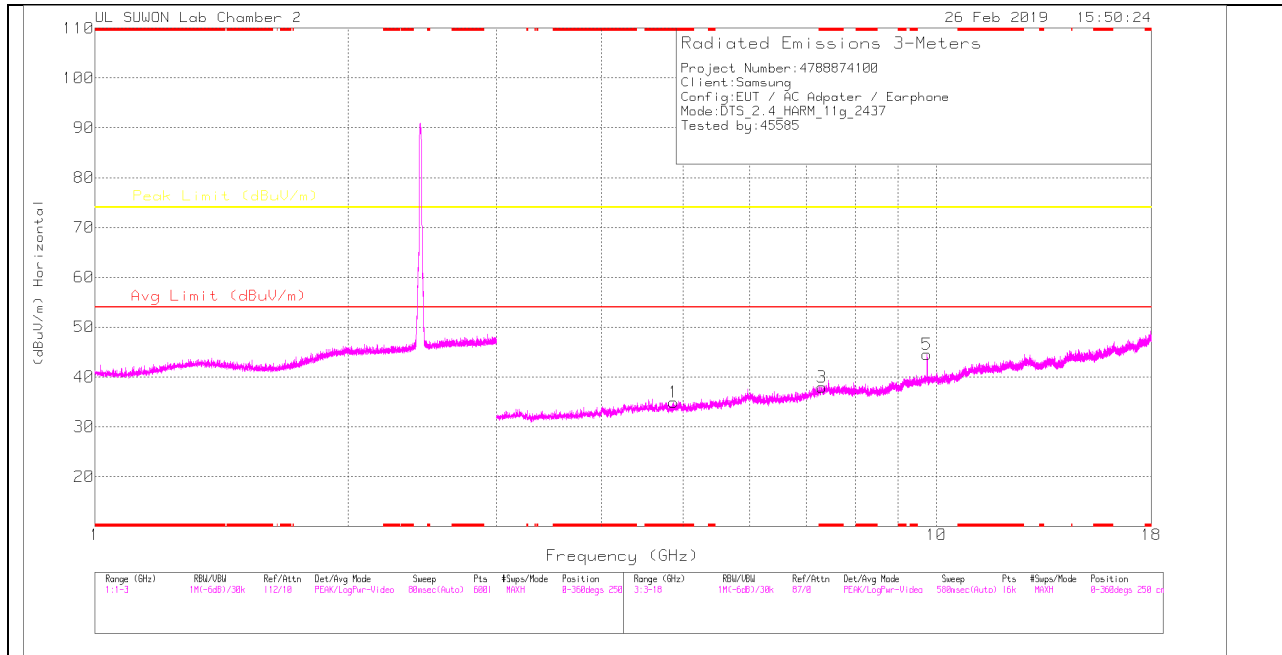
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

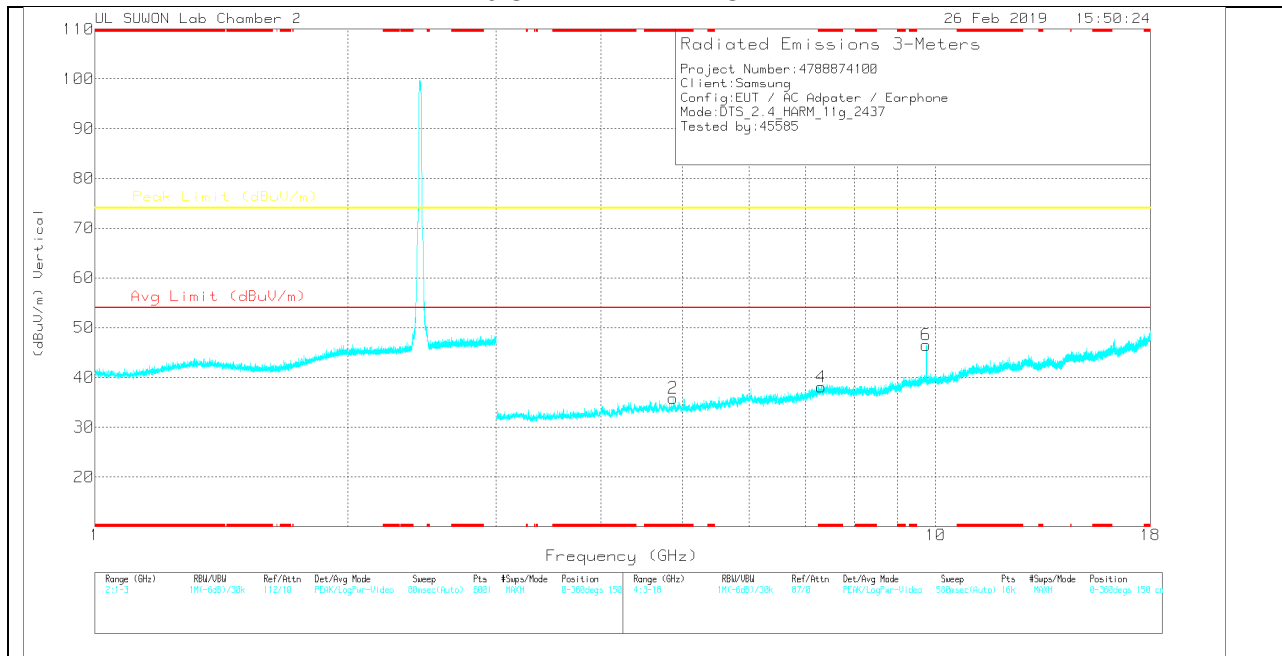
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.648	34.43	PK2	37	-21.6	0	49.83	-	-	74	-24.17	71	231	H
9.648	36.73	PK2	37	-21.6	0	52.13	-	-	74	-21.87	159	116	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

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_00168724	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	* 4.871	28.91	PK	34	-28	0	34.91	-	-	74	-39.09	0-360	150	H
3	* 7.31	26.74	PK	36.2	-25	0	37.94	-	-	74	-36.06	0-360	150	H
5	9.748	28.77	PK	37.2	-21.4	0	44.57	-	-	74	-29.43	0-360	250	H
2	* 4.872	29.87	PK	34	-28	0	35.87	-	-	74	-38.13	0-360	150	V
4	* 7.306	27.04	PK	36.2	-25.1	0	38.14	-	-	74	-35.86	0-360	250	V
6	9.748	30.7	PK	37.2	-21.4	0	46.5	-	-	74	-27.5	0-360	250	V

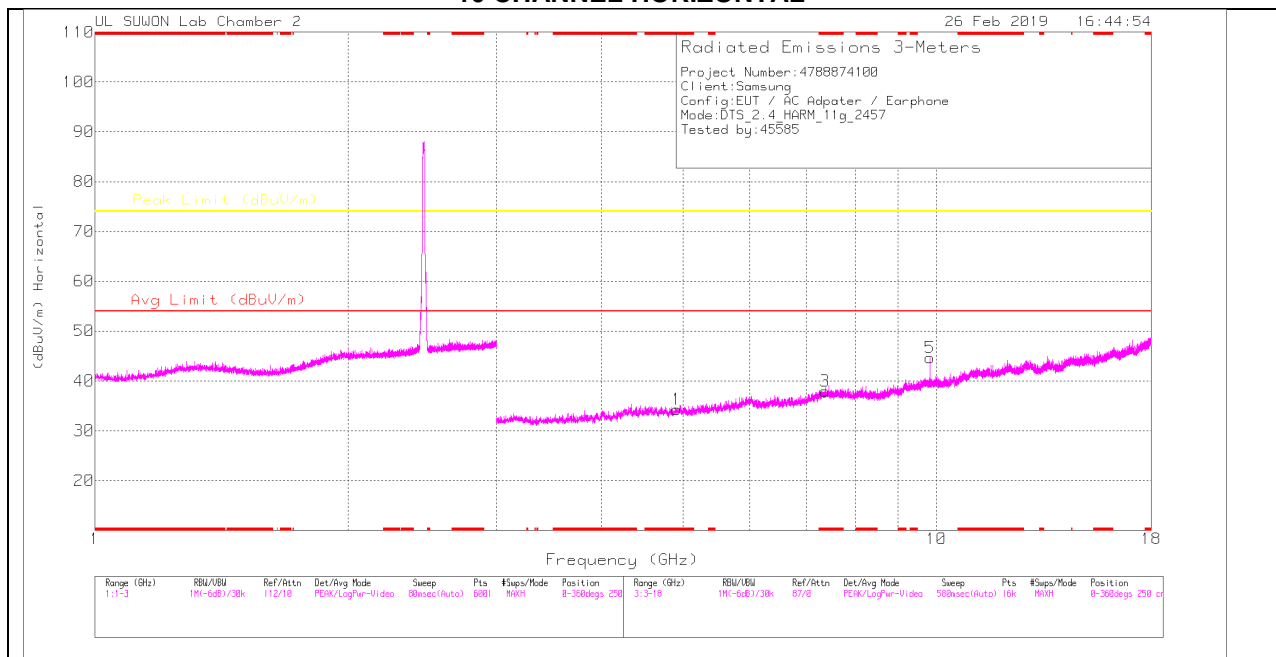
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

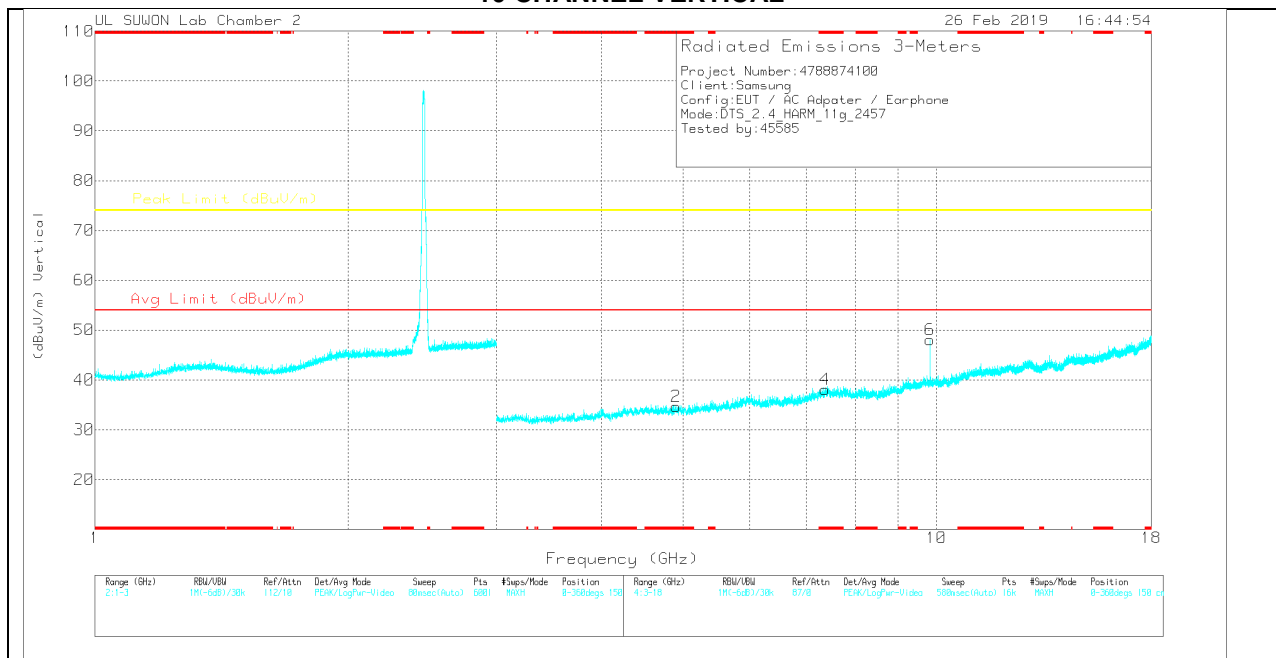
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.748	35.46	PK2	37.2	-21.4	0	51.26	-	-	74	-22.74	105	244	H
9.748	35.62	PK2	37.2	-21.4	0	51.42	-	-	74	-22.58	164	119	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

10 CHANNEL HORIZONTAL



10 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.

10 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	* 4.912	27.6	PK	34	-27.3	0	34.3	-	-	74	-39.7	0-360	250	H
3	* 7.371	26.13	PK	36.2	-24.4	0	37.93	-	-	74	-36.07	0-360	250	H
5	9.828	29.26	PK	37.3	-21.9	0	44.66	-	-	74	-29.34	0-360	250	H
2	* 4.908	28.17	PK	34	-27.5	0	34.67	-	-	74	-39.33	0-360	150	V
4	* 7.371	26.32	PK	36.2	-24.4	0	38.12	-	-	74	-35.88	0-360	250	V
6	9.827	32.65	PK	37.3	-21.9	0	48.05	-	-	74	-25.95	0-360	250	V

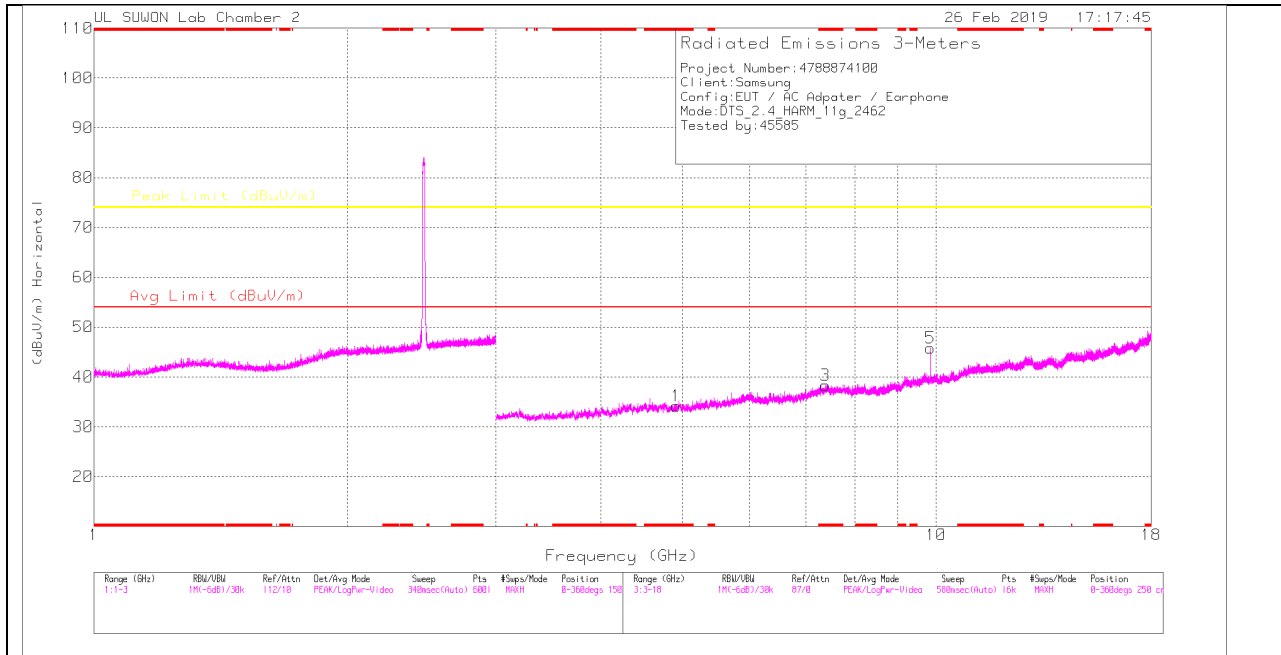
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

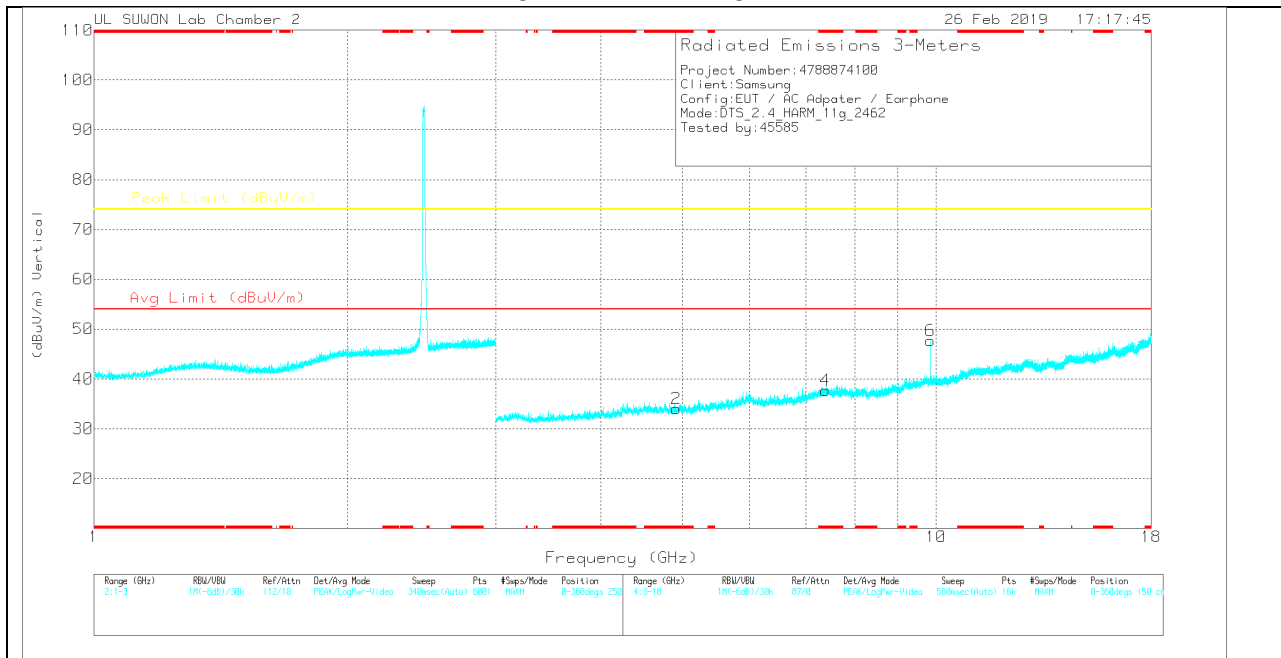
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.828	36.58	PK2	37.3	-21.9	0	51.98	-	-	74	-22.02	137	100	H
9.828	36.53	PK2	37.3	-21.9	0	51.93	-	-	74	-22.07	167	270	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

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_00168724	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	* 4.914	27.54	PK	34	-27.4	0	34.14	-	-	74	-39.86	0-360	150	H
3	* 7.389	26.31	PK	36.2	-24.2	0	38.31	-	-	74	-35.69	0-360	150	H
5	9.848	30.28	PK	37.3	-21.8	0	45.78	-	-	74	-28.22	0-360	250	H
2	* 4.913	27.45	PK	34	-27.4	0	34.05	-	-	74	-39.95	0-360	250	V
4	* 7.384	25.76	PK	36.2	-24.3	0	37.66	-	-	74	-36.34	0-360	250	V
6	9.848	32.25	PK	37.3	-21.8	0	47.75	-	-	74	-26.25	0-360	250	V

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

Radiated Emissions

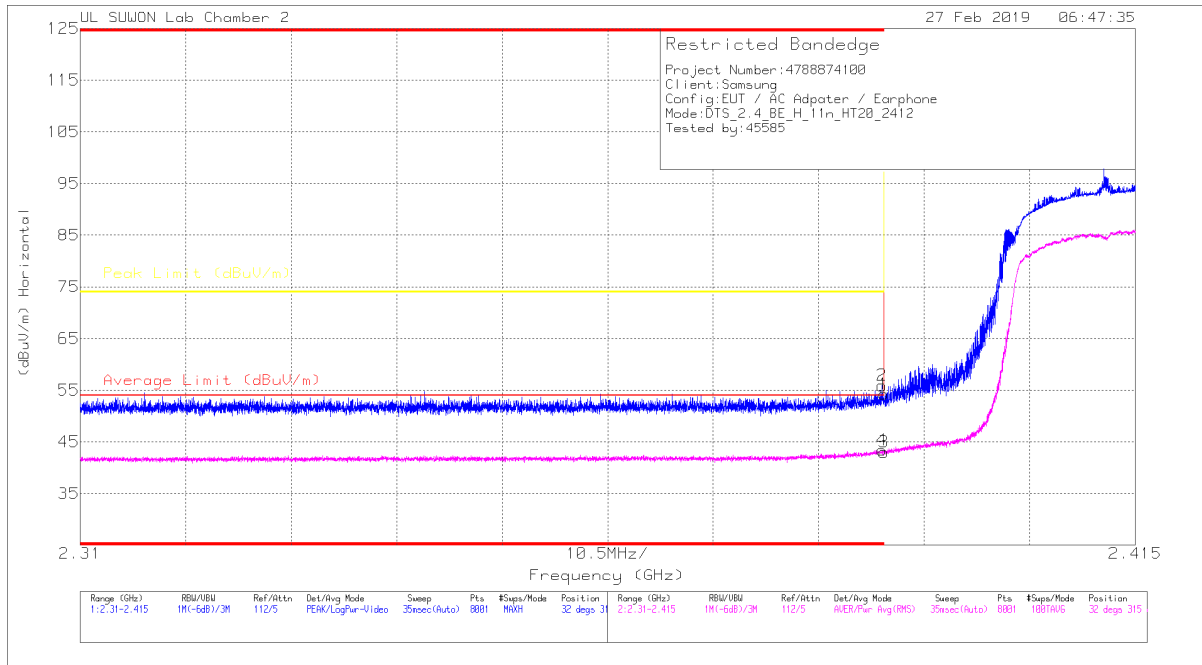
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.848	37.12	PK2	37.3	-21.8	0	52.62	-	-	74	-21.38	136	100	H
9.848	37.11	PK2	37.3	-21.8	0	52.61	-	-	74	-21.39	169	274	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

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 DATA



Trace Markers

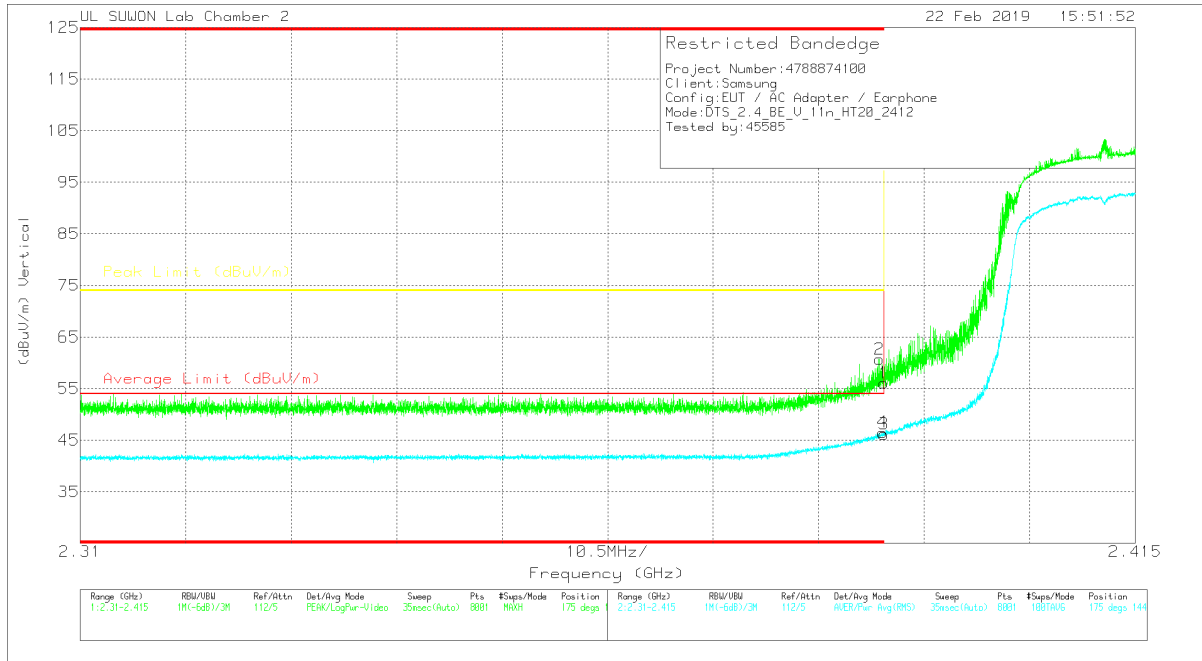
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.45	Pk	31.6	-20.8	0	54.25	-	-	74	-19.75	32	315	H
2	* 2.39	45.11	Pk	31.6	-20.8	0	55.91	-	-	74	-18.09	32	315	H
3	* 2.39	31.97	RMS	31.6	-20.8	-24	43.01	54	-10.99	-	-	32	315	H
4	* 2.39	32.36	RMS	31.6	-20.8	-24	43.4	54	-10.6	-	-	32	315	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE 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	45.3	Pk	31.6	-20.8	0	56.1	-	-	74	-17.9	175	144	V
2	* 2.39	49.91	Pk	31.6	-20.8	0	60.71	-	-	74	-13.29	175	144	V
3	* 2.39	35.13	RMS	31.6	-20.8	.24	46.17	54	-7.83	-	-	175	144	V
4	* 2.39	35.48	RMS	31.6	-20.8	.24	46.52	54	-7.48	-	-	175	144	V

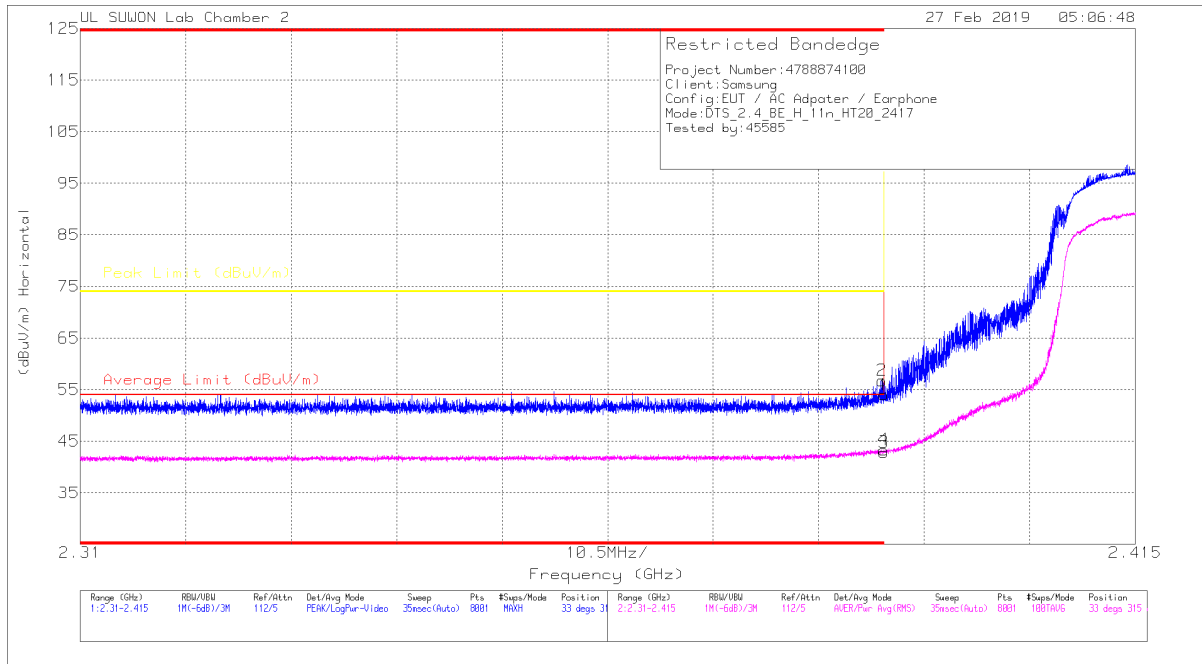
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

RESTRICTED BANDEDGE (2 CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA



Trace Markers

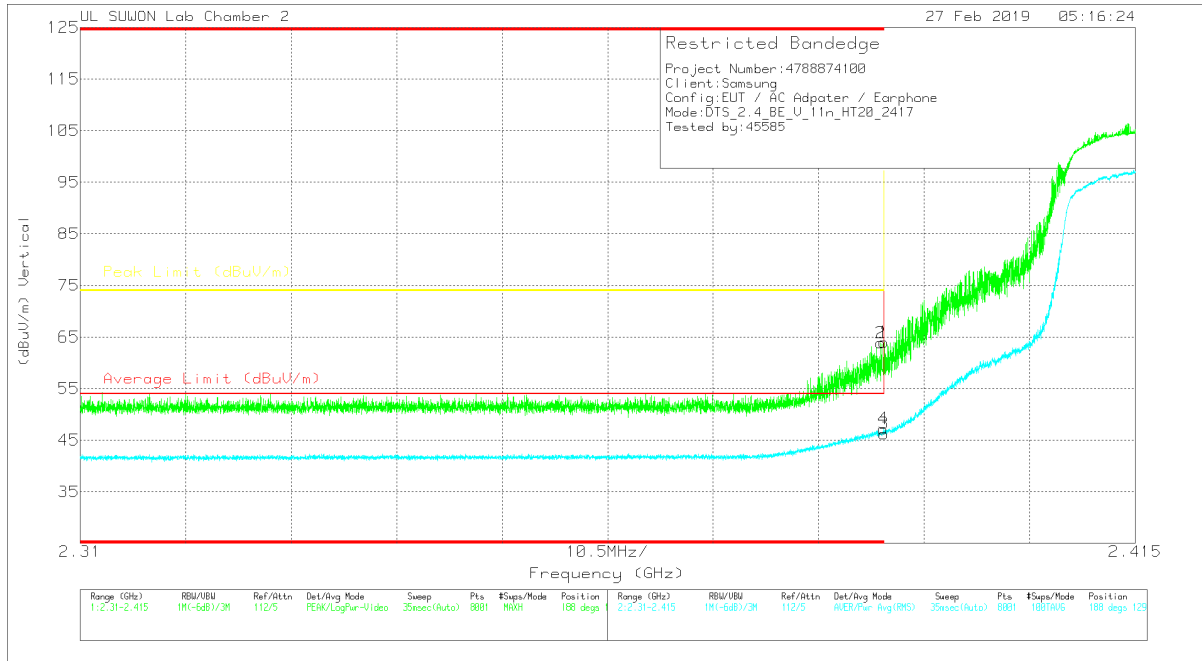
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	43.22	Pk		31.6	-20.8	0	54.02	-	74	-19.98	33	315	H
2	* 2.39	45.96	Pk		31.6	-20.8	0	56.76	-	74	-17.24	33	315	H
3	* 2.39	31.81	RMS		31.6	-20.8	.24	42.85	54	-11.15	-	33	315	H
4	* 2.39	32.31	RMS		31.6	-20.8	.24	43.35	54	-10.65	-	33	315	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE 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	53.18	Pk	31.6	-20.8	0	63.98	-	-	74	-10.02	188	129	V
2	* 2.39	53.04	Pk	31.6	-20.8	0	63.84	-	-	74	-10.16	188	129	V
3	* 2.39	35.24	RMS	31.6	-20.8	.24	46.28	54	-7.72	-	-	188	129	V
4	* 2.39	36.17	RMS	31.6	-20.8	.24	47.21	54	-6.79	-	-	188	129	V

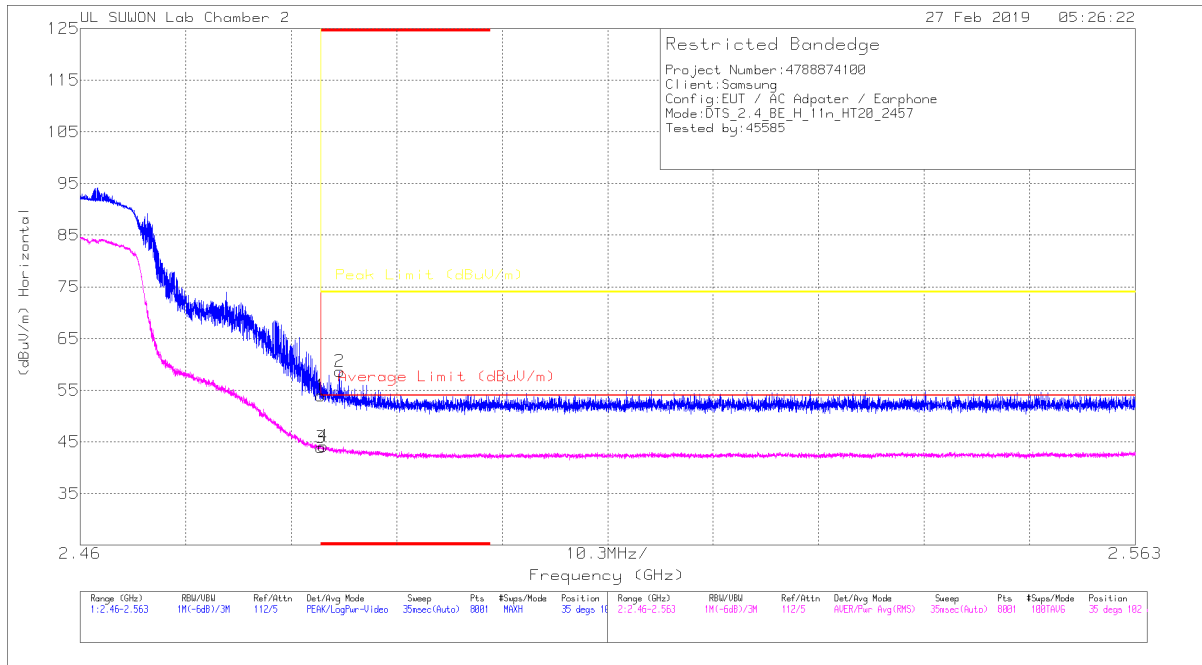
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (10 CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

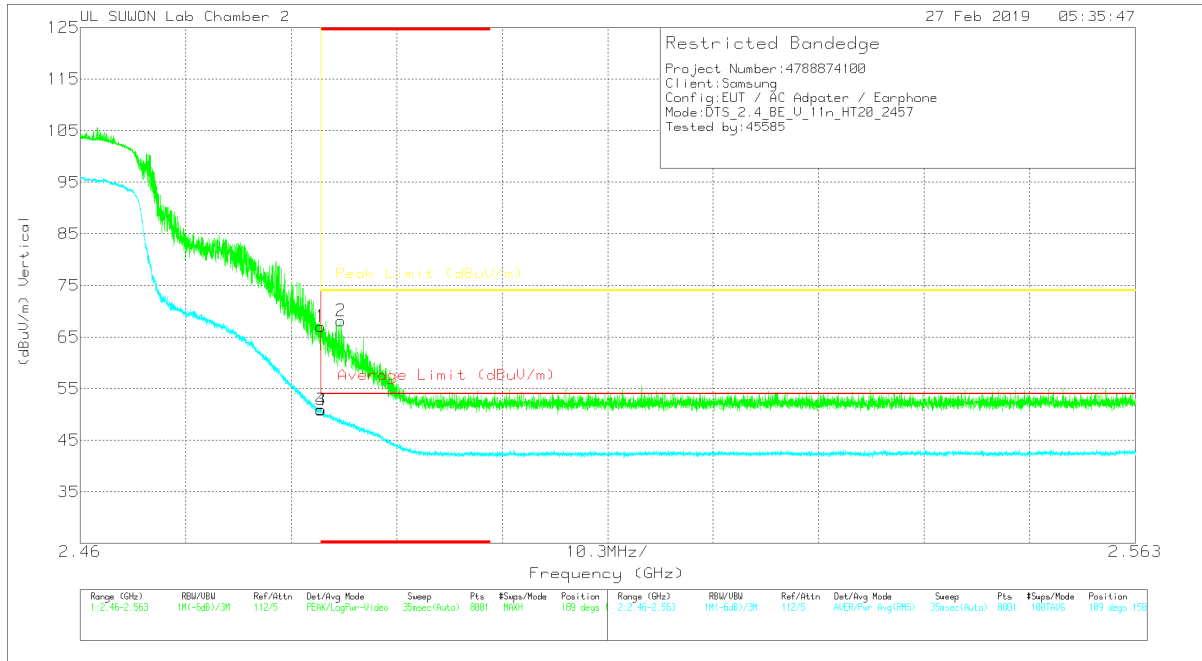


Trace Markers

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	42.66	Pk	31.9	-20.6	0	53.96	-	-	74	-20.04	35	102	H
2	* 2.485	47.49	PK	31.9	-20.7	0	58.69	-	-	74	-15.31	35	102	H
3	* 2.484	32.39	RMS	31.9	-20.6	-24	43.93	54	-10.07	-	-	35	102	H
4	* 2.484	32.66	RMS	31.9	-20.6	-24	44.2	54	-9.8	-	-	35	102	H

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

VERTICAL PEAK AND AVERAGE 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	55.76	Pk	31.9	-20.6	0	67.06	-	-	74	-6.94	189	150	V
2	* 2.485	56.86	Pk	31.9	-20.6	0	68.16	-	-	74	-5.84	189	150	V
3	* 2.484	39.41	RMS	31.9	-20.6	.24	50.95	54	-3.05	-	-	189	150	V
4	* 2.484	39.34	RMS	31.9	-20.6	.24	50.88	54	-3.12	-	-	189	150	V

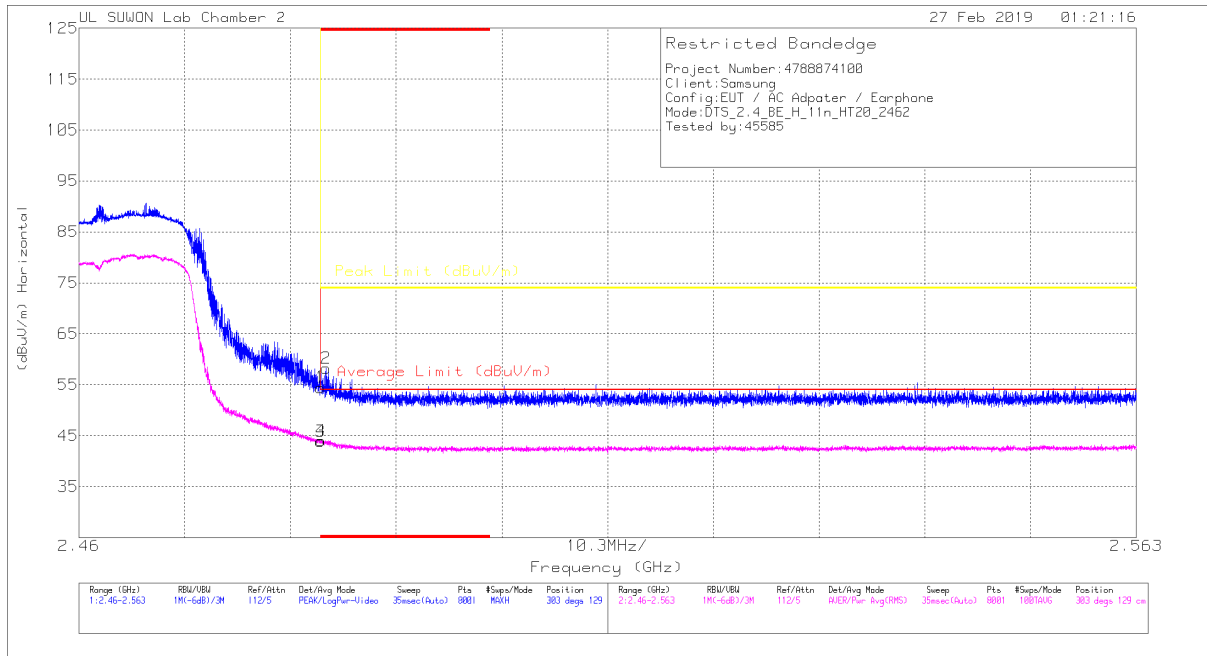
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (11 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



Trace Markers

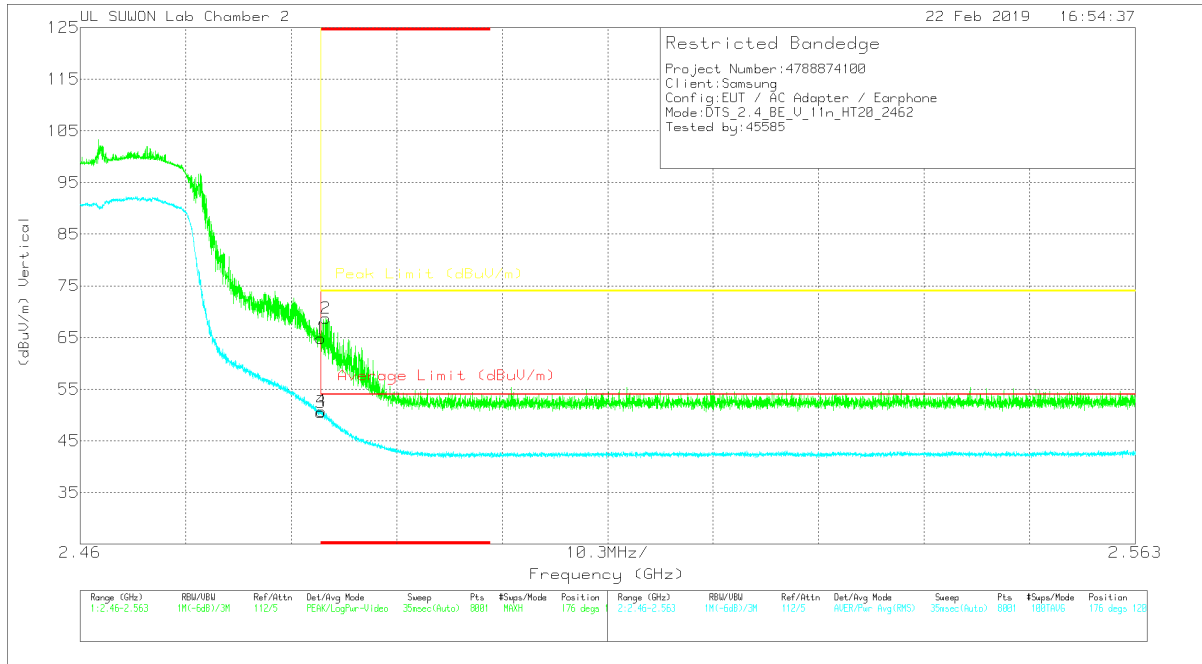
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.17	PK	31.9	-20.6	0	54.47	-	-	74	-19.53	303	129	H
2	* 2.484	46.95	PK	31.9	-20.6	0	58.25	-	-	74	-15.75	303	129	H
3	* 2.484	32.35	RMS	31.9	-20.6	.24	43.89	54	-10.11	-	-	303	129	H
4	* 2.484	32.53	RMS	31.9	-20.6	.24	44.07	54	-9.93	-	-	303	129	H

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

PK - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



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)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	53.56	Pk	31.9	-20.6	0	64.86	-	-	74	-9.14	176	120	V
2	* 2.484	57.41	Pk	31.9	-20.6	0	68.71	-	-	74	-5.29	176	120	V
3	* 2.484	38.99	RMS	31.9	-20.6	.24	50.53	54	-3.47	-	-	176	120	V
4	* 2.484	39.24	RMS	31.9	-20.6	.24	50.78	54	-3.22	-	-	176	120	V

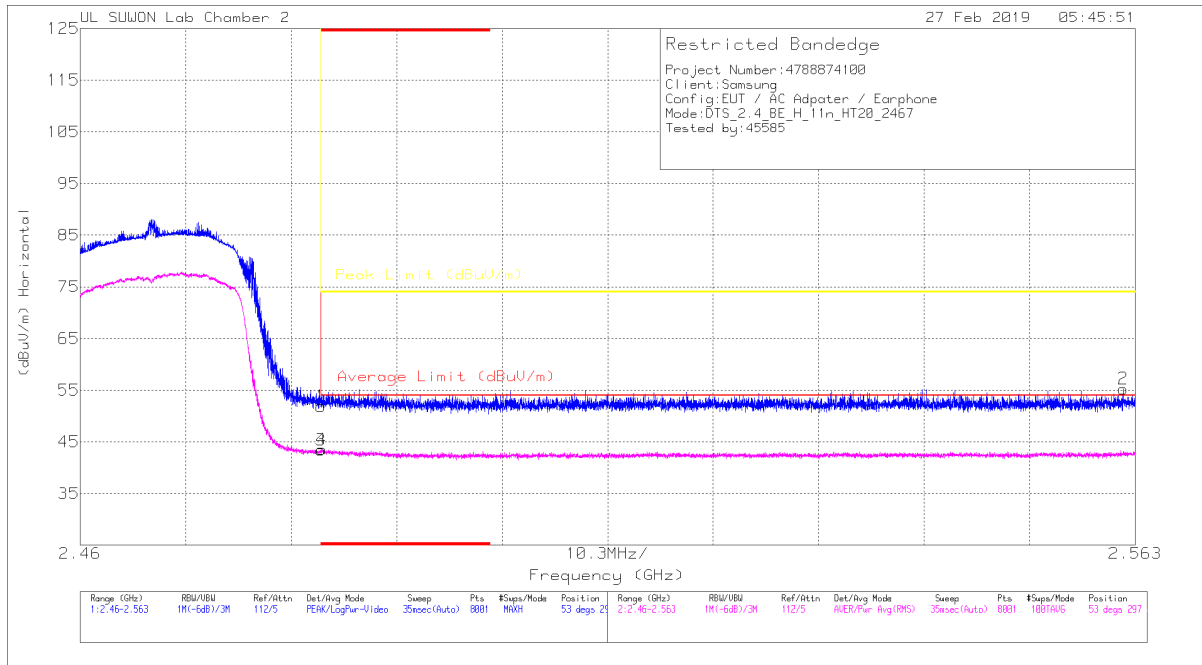
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

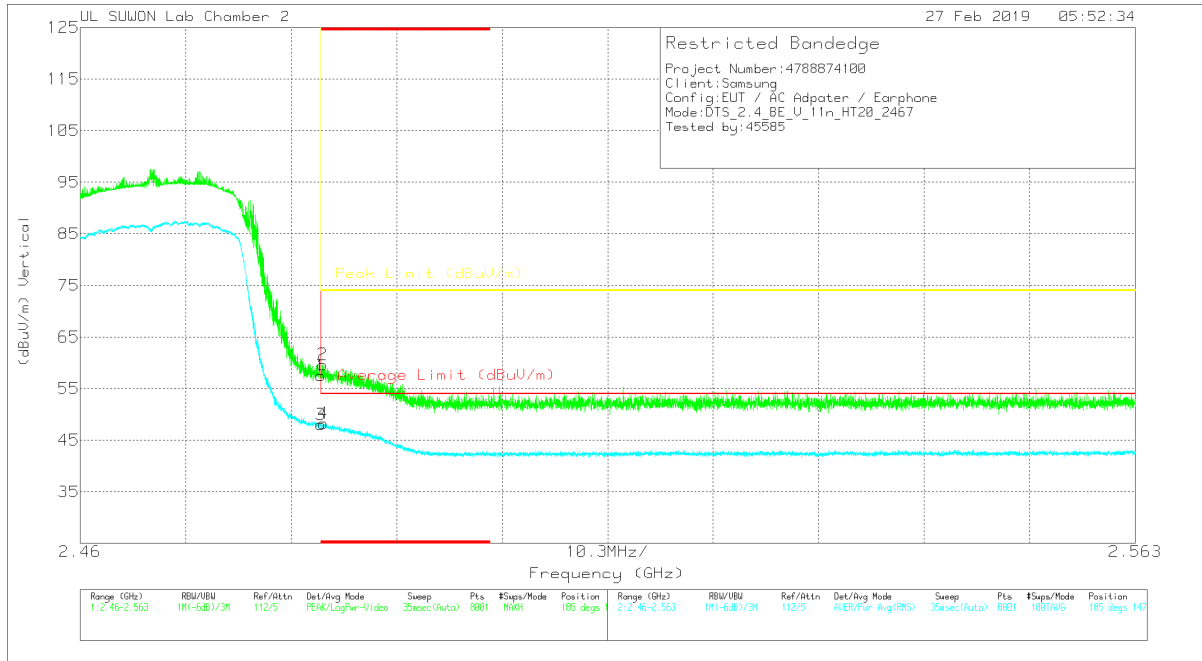


Trace Markers

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	40.59	Pk	31.9	-20.6	0	51.89	-	-	74	-22.11	53	297	H
2	2.562	43.67	PK	32	-20.4	0	55.27	-	-	74	-18.73	53	297	H
3	* 2.484	31.85	RMS	31.9	-20.6	.24	43.39	54	-10.61	-	-	53	297	H
4	* 2.484	32.01	RMS	31.9	-20.6	.24	43.55	54	-10.45	-	-	53	297	H

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

VERTICAL PEAK AND AVERAGE 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)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	46.24	Pk	31.9	-20.6	0	57.54	-	-	74	-16.46	185	147	V
2	* 2.484	48.36	Pk	31.9	-20.6	0	59.66	-	-	74	-14.34	185	147	V
3	* 2.484	36.51	RMS	31.9	-20.6	.24	48.05	54	-5.95	-	-	185	147	V
4	* 2.484	36.75	RMS	31.9	-20.6	.24	48.29	54	-5.71	-	-	185	147	V

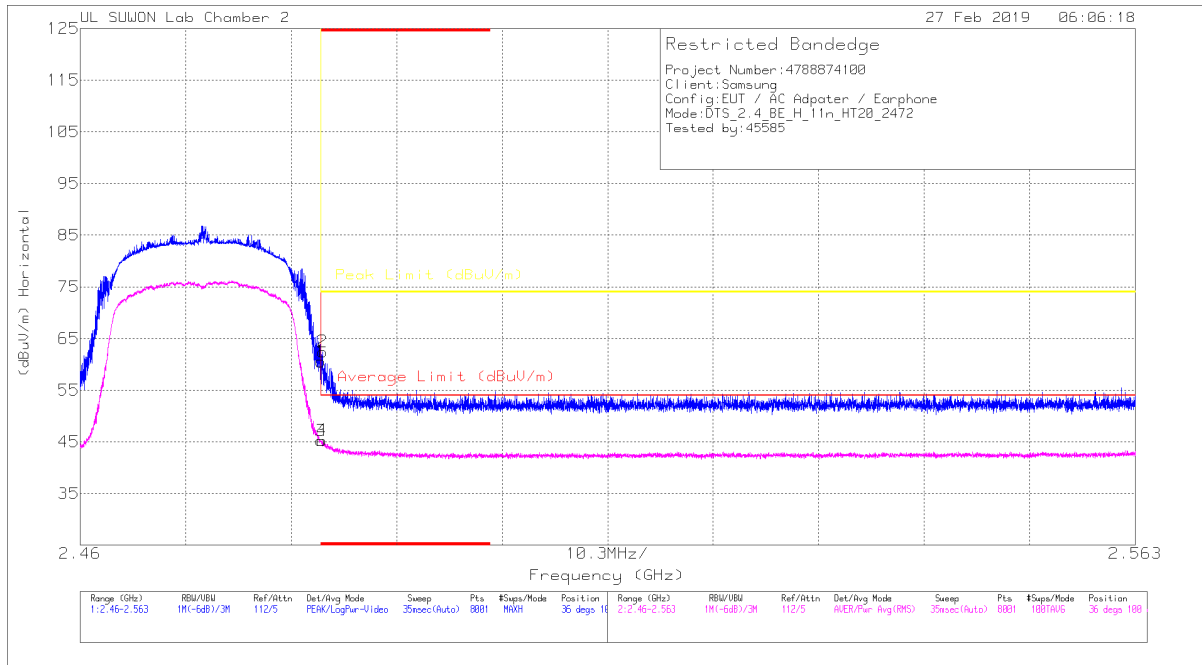
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE DATA

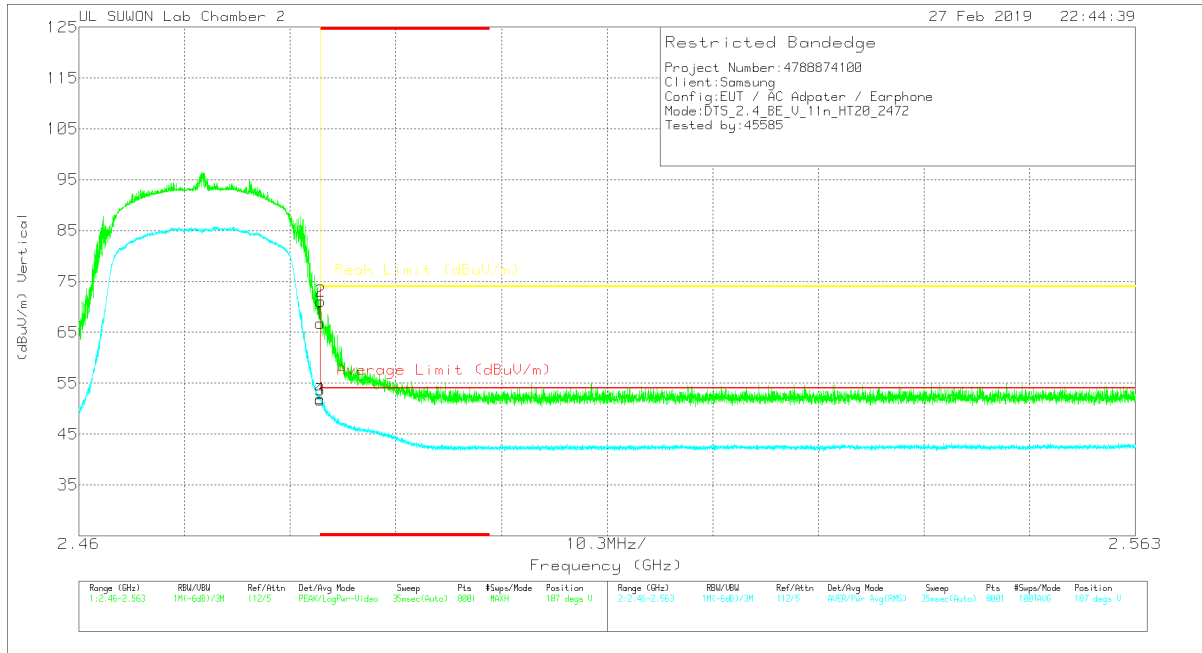


Trace Markers

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)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	49.25	Pk	31.9	-20.6	0	60.55	-	-	74	-13.45	36	100	H
2	* 2.484	51.15	PK	31.9	-20.6	0	62.45	-	-	74	-11.55	36	100	H
3	* 2.484	33.7	RMS	31.9	-20.6	-24	45.24	54	-8.76	-	-	36	100	H
4	* 2.484	33.73	RMS	31.9	-20.6	-24	45.27	54	-8.73	-	-	36	100	H

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

VERTICAL PEAK AND AVERAGE 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)	Altitude (Degs)	Height (cm)	Polarity
1	* 2.484	55.54	Pk	31.9	-20.6	0	66.84	-	-	74	-7.16	187	147	V
2	* 2.484	59.86	Pk	31.9	-20.6	0	71.16	-	-	74	-2.84	187	147	V
3	* 2.484	40.18	RMS	31.9	-20.6	.24	51.72	54	-2.28	-	-	187	147	V
4	* 2.484	40.42	RMS	31.9	-20.6	.24	51.96	54	-2.04	-	-	187	147	V

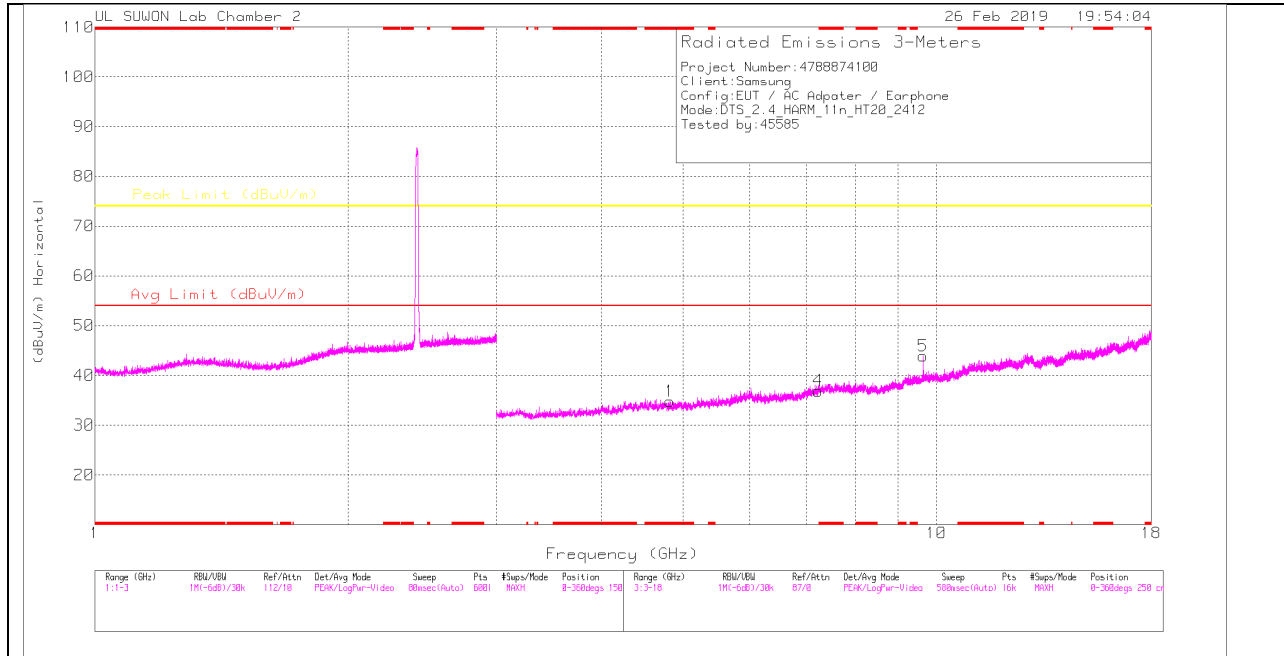
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

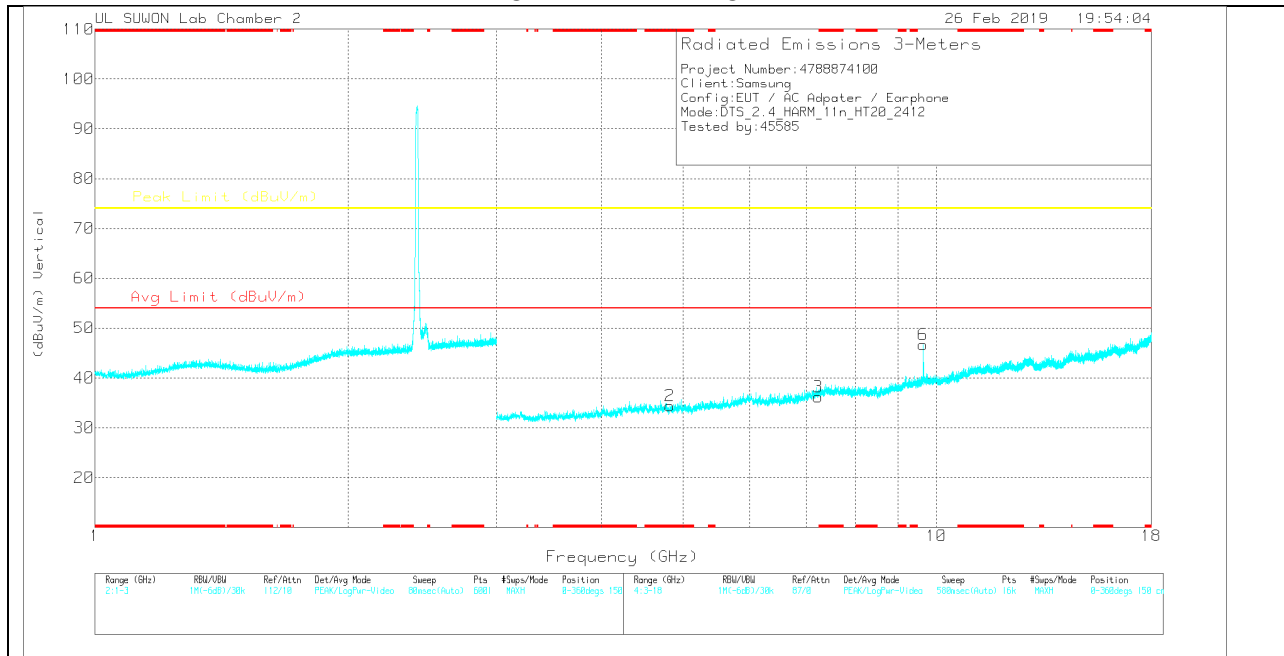
RMS - RMS detection

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_00168724	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	* 4.825	28.95	PK	34	-28.2	0	34.75	-	-	74	-39.25	0-360	150	H
4	7.236	26.29	PK	36.1	-25.5	0	36.89	-	-	74	-37.11	0-360	250	H
5	9.647	28.55	PK	37	-21.7	0	43.85	-	-	74	-30.15	0-360	250	H
2	* 4.823	28.67	PK	34	-28.2	0	34.47	-	-	74	-39.53	0-360	150	V
3	7.236	25.59	PK	36.1	-25.5	0	36.19	-	-	74	-37.81	0-360	150	V
6	9.648	31.25	PK	37	-21.6	0	46.65	-	-	74	-27.35	0-360	250	V

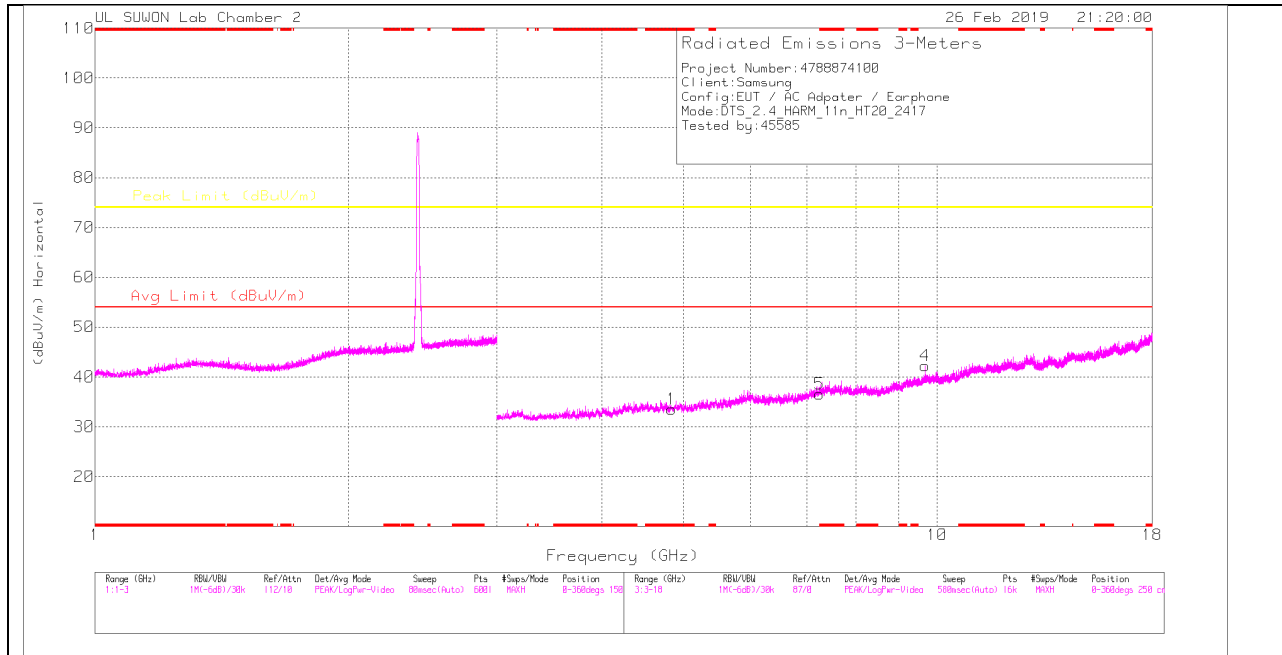
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

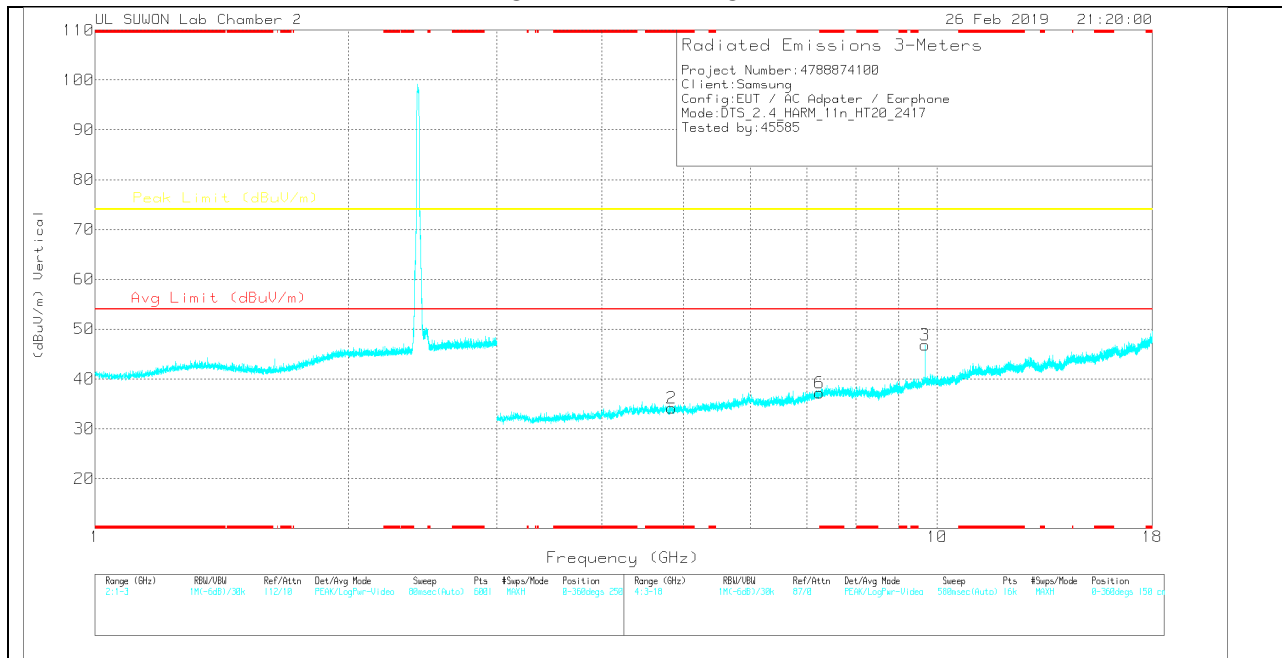
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.648	35.21	PK2	37	-21.6	0	50.61	-	-	74	-23.39	63	244	H
9.648	36.51	PK2	37	-21.6	0	51.91	-	-	74	-22.09	150	228	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

2 CHANNEL HORIZONTAL



2 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.

2 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	* 4.835	27.64	PK	34	-28.1	0	33.54	-	-	74	-40.46	0-360	150	H
4	9.668	26.52	PK	37.1	-21.4	0	42.22	-	-	74	-31.78	0-360	250	H
5	* 7.251	25.89	PK	36.2	-25.5	0	36.59	-	-	74	-37.41	0-360	250	H
2	* 4.835	28.29	PK	34	-28.1	0	34.19	-	-	74	-39.81	0-360	150	V
3	9.668	31.16	PK	37.1	-21.4	0	46.86	-	-	74	-27.14	0-360	150	V
6	* 7.252	26.48	PK	36.2	-25.5	0	37.18	-	-	74	-36.82	0-360	150	V

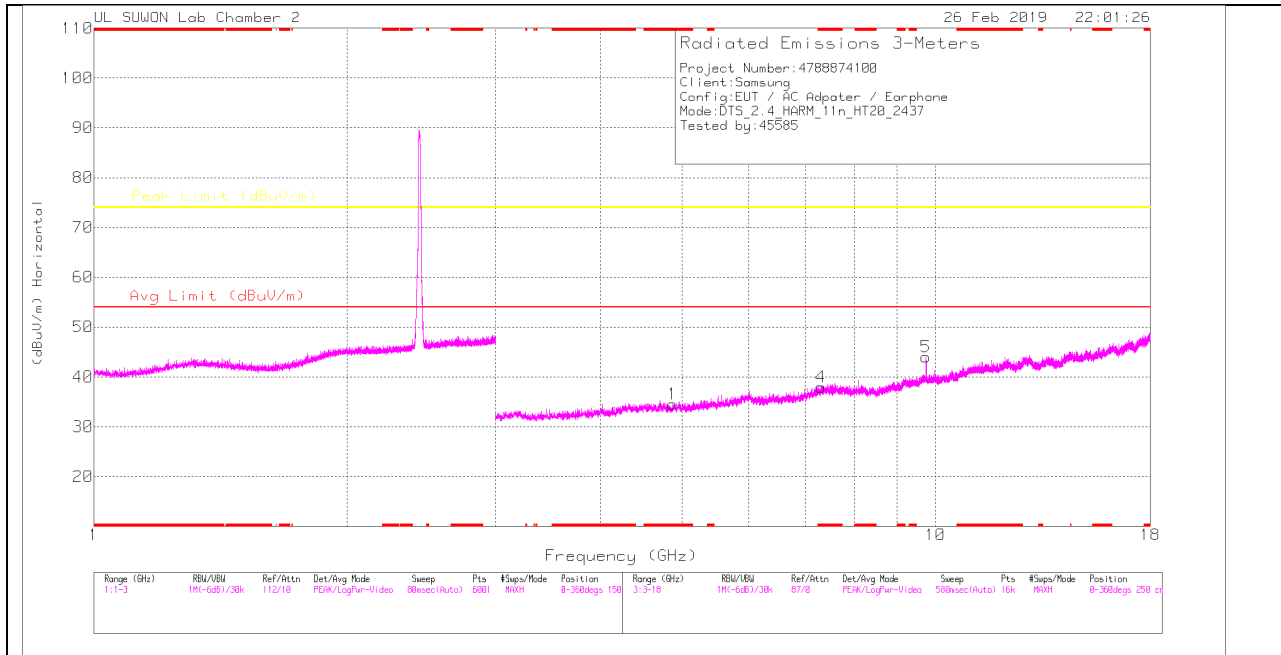
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

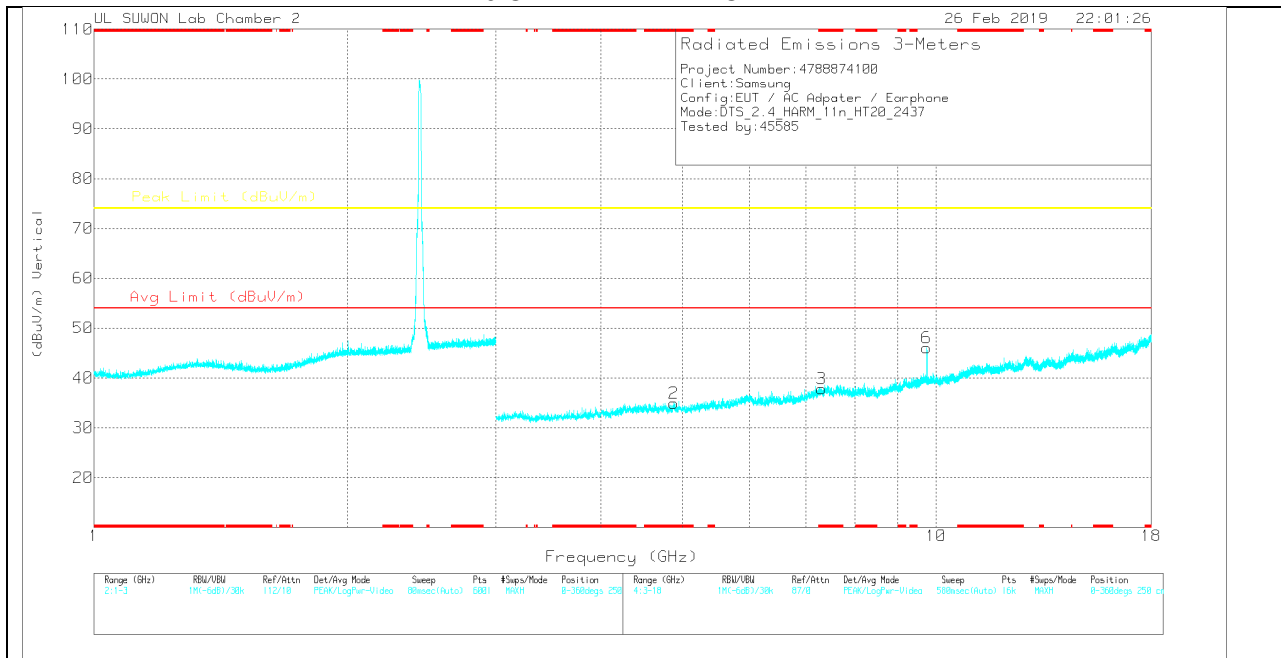
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.668	35.33	PK2	37.1	-21.4	0	51.03	-	-	74	-22.97	64	241	H
9.668	36.51	PK2	37.1	-21.4	0	52.21	-	-	74	-21.79	153	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

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_00168724	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	* 4.873	28.59	PK	34	-28	0	34.59	-	-	74	-39.41	0-360	250	H
4	* 7.312	26.71	PK	36.2	-25	0	37.91	-	-	74	-36.09	0-360	250	H
5	9.748	28.27	PK	37.2	-21.4	0	44.07	-	-	74	-29.93	0-360	150	H
2	* 4.876	28.84	PK	34	-27.9	0	34.94	-	-	74	-39.06	0-360	250	V
3	* 7.312	26.69	PK	36.2	-25	0	37.89	-	-	74	-36.11	0-360	150	V
6	9.748	30.21	PK	37.2	-21.4	0	46.01	-	-	74	-27.99	0-360	250	V

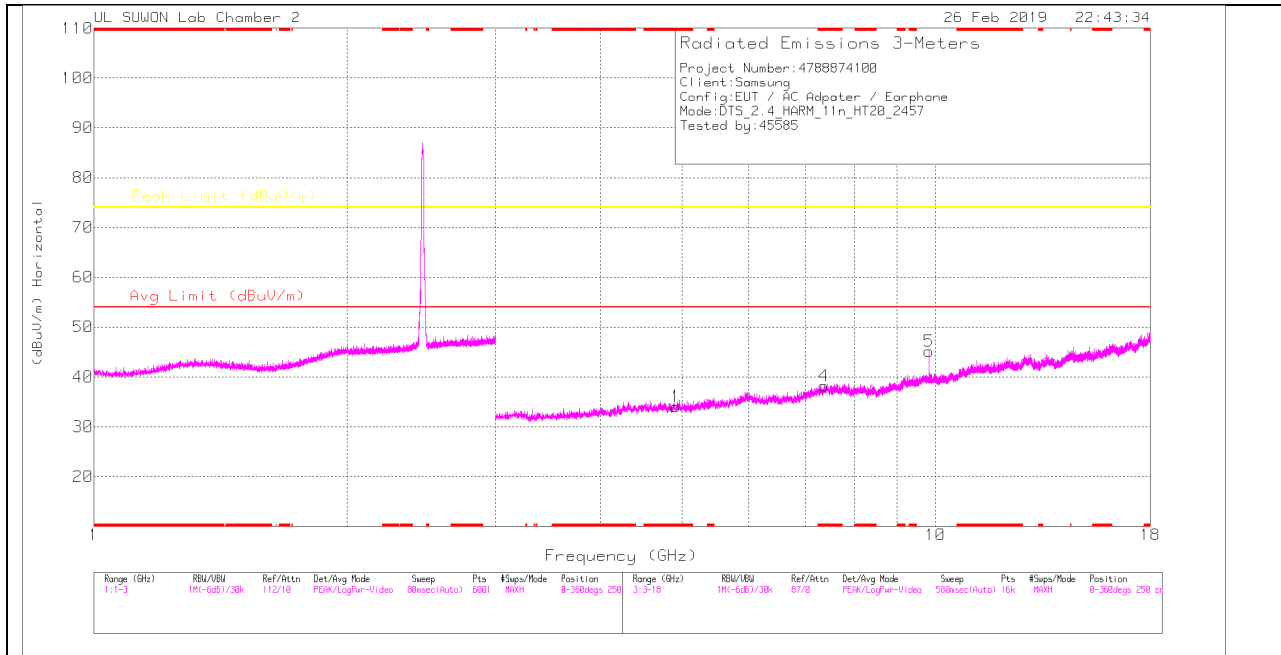
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

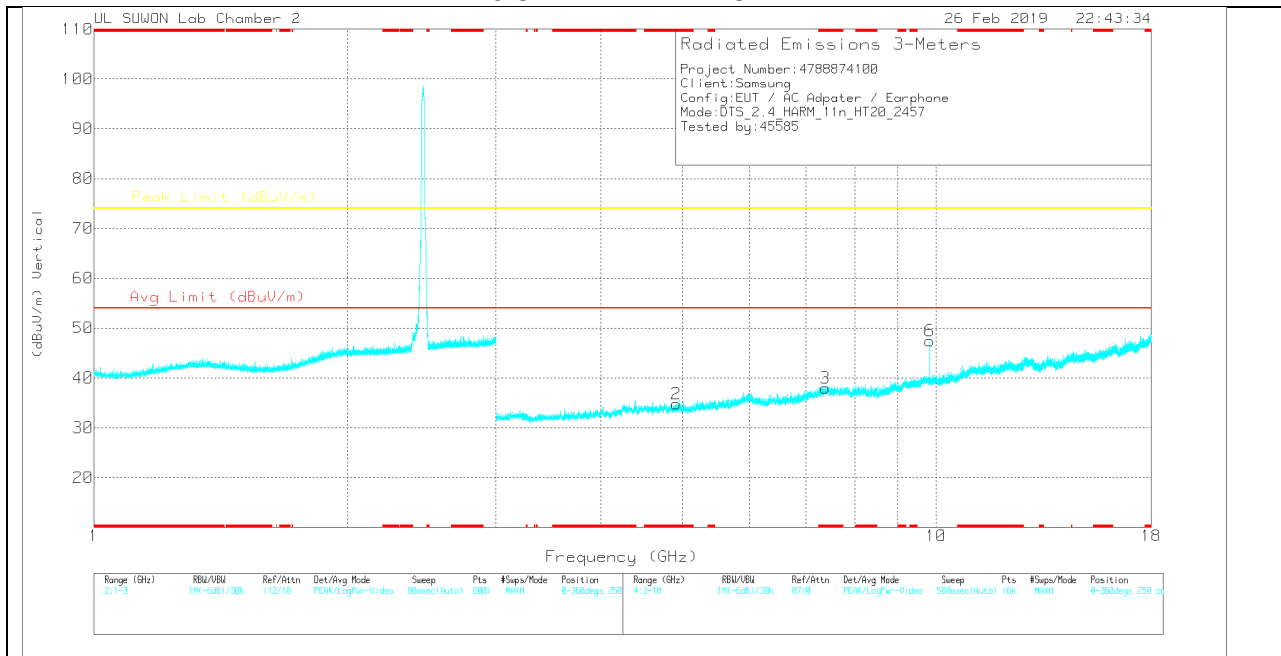
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.748	35.81	PK2	37.2	-21.4	0	51.61	-	-	74	-22.39	65	237	H
9.748	36.32	PK2	37.2	-21.4	0	52.12	-	-	74	-21.88	167	126	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

10 CHANNEL HORIZONTAL



10 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.

10 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	* 4.912	27.4	PK	34	-27.3	0	34.1	-	-	74	-39.9	0-360	150	H
4	* 7.369	26.4	PK	36.2	-24.4	0	38.2	-	-	74	-35.8	0-360	250	H
5	9.828	29.79	PK	37.3	-21.9	0	45.19	-	-	74	-28.81	0-360	250	H
2	* 4.916	28.15	PK	34	-27.3	0	34.85	-	-	74	-39.15	0-360	150	V
3	* 7.381	26.05	PK	36.2	-24.3	0	37.95	-	-	74	-36.05	0-360	250	V
6	9.828	31.99	PK	37.3	-21.9	0	47.39	-	-	74	-26.61	0-360	250	V

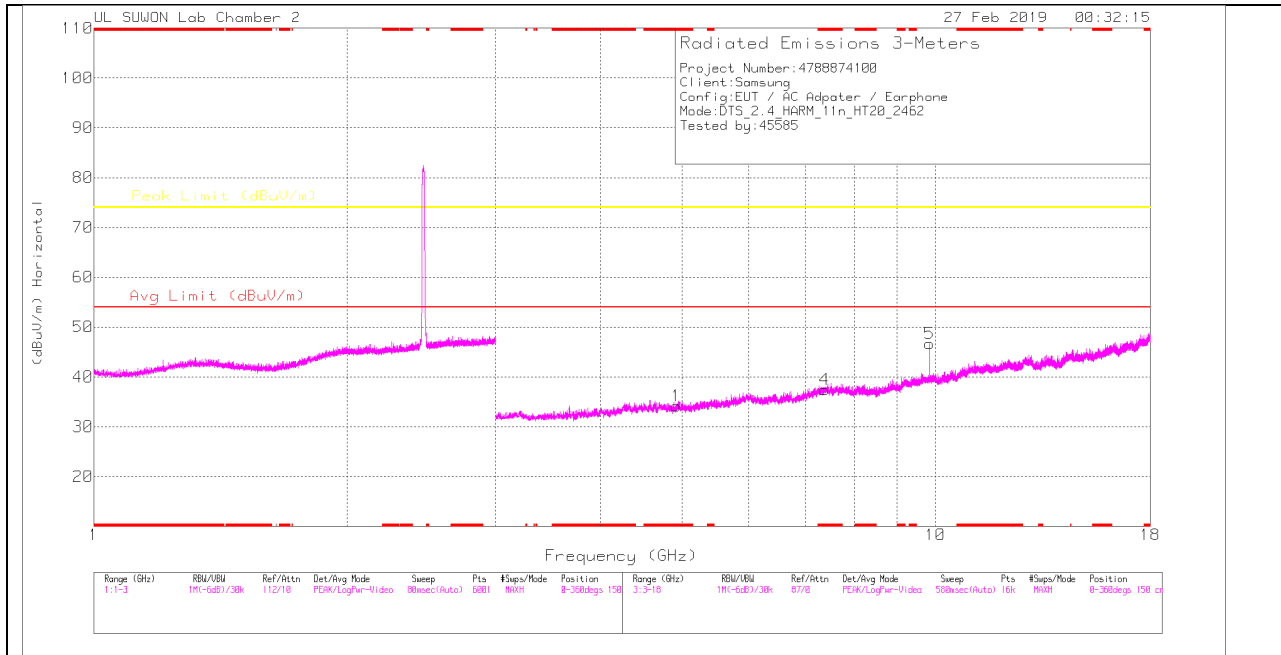
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

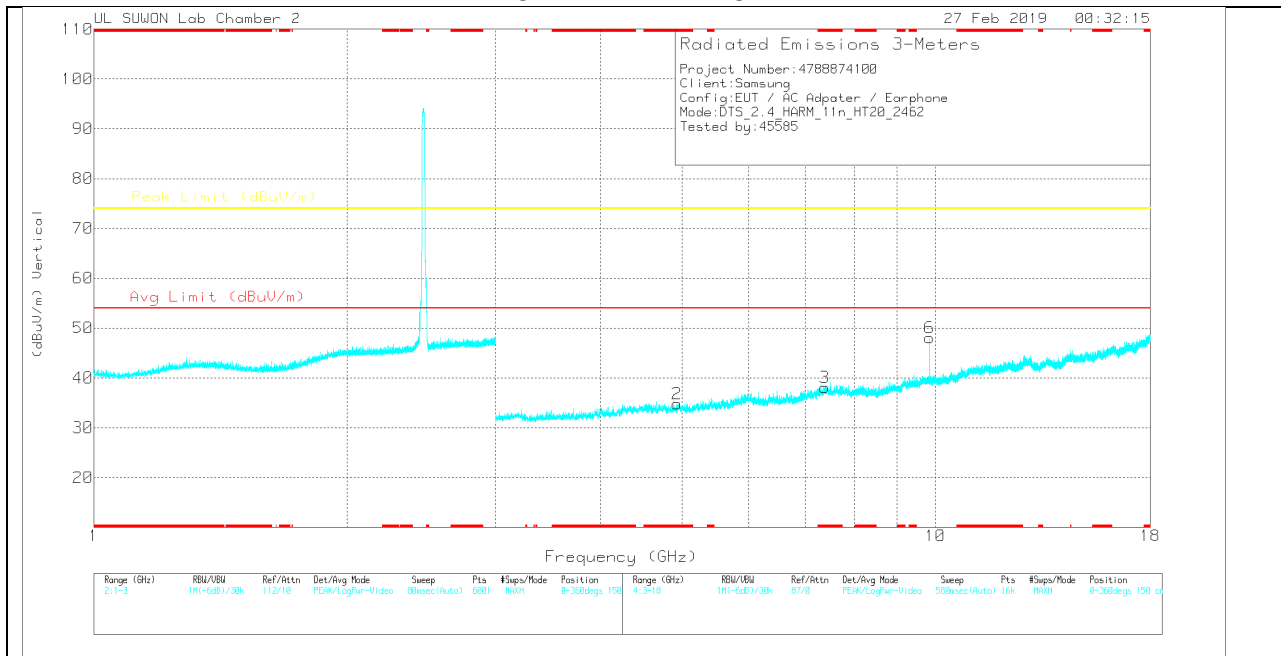
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.828	36.43	PK2	37.3	-21.9	0	51.83	-	-	74	-22.17	131	100	H
9.828	37.23	PK2	37.3	-21.9	0	52.63	-	-	74	-21.37	162	254	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK2 - KDB558074 Method: Maximum Peak

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_00168724	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	* 4.923	27.52	PK	34	-27.3	0	34.22	-	-	74	-39.78	0-360	150	H
4	* 7.387	25.43	PK	36.2	-24.2	0	37.43	-	-	74	-36.57	0-360	250	H
5	9.848	31.2	PK	37.3	-21.8	0	46.7	-	-	74	-27.3	0-360	250	H
2	* 4.926	27.95	PK	34	-27.2	0	34.75	-	-	74	-39.25	0-360	250	V
3	* 7.387	26.1	PK	36.2	-24.2	0	38.1	-	-	74	-35.9	0-360	250	V
6	9.848	32.6	PK	37.3	-21.8	0	48.1	-	-	74	-25.9	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

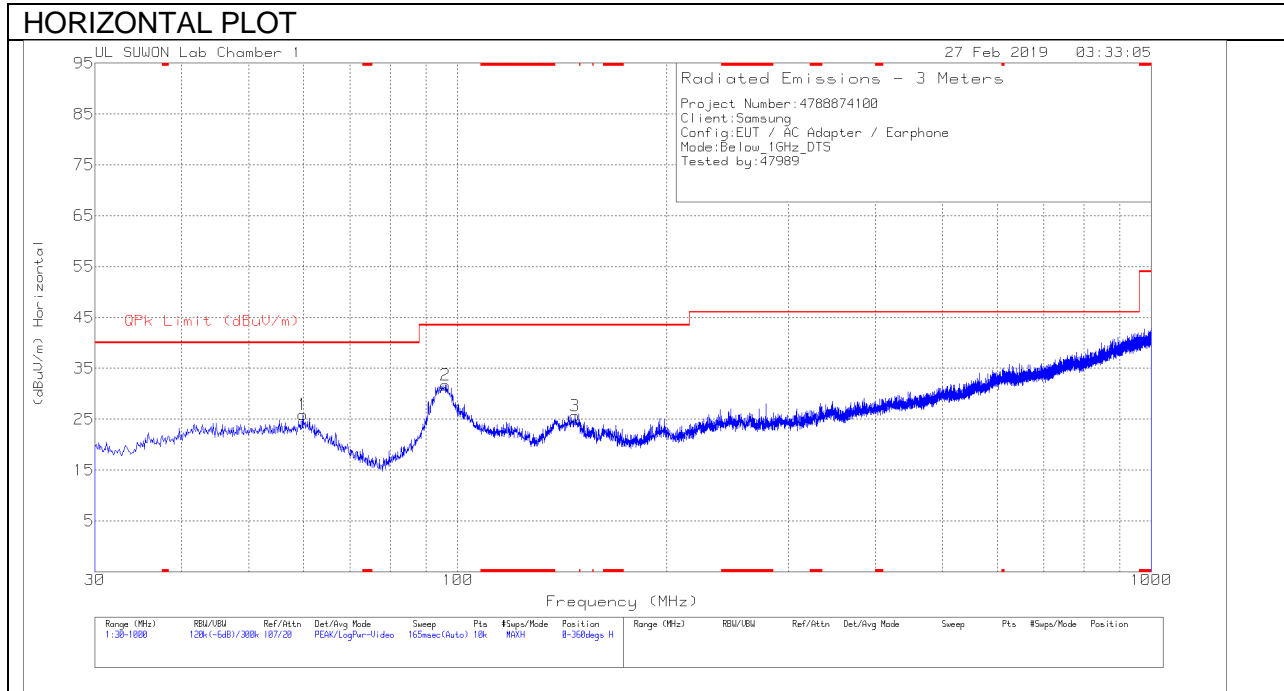
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
9.848	36.88	PK2	37.3	-21.8	0	52.38	-	-	74	-21.62	132	100	H
9.848	37.07	PK2	37.3	-21.8	0	52.57	-	-	74	-21.43	166	273	V

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

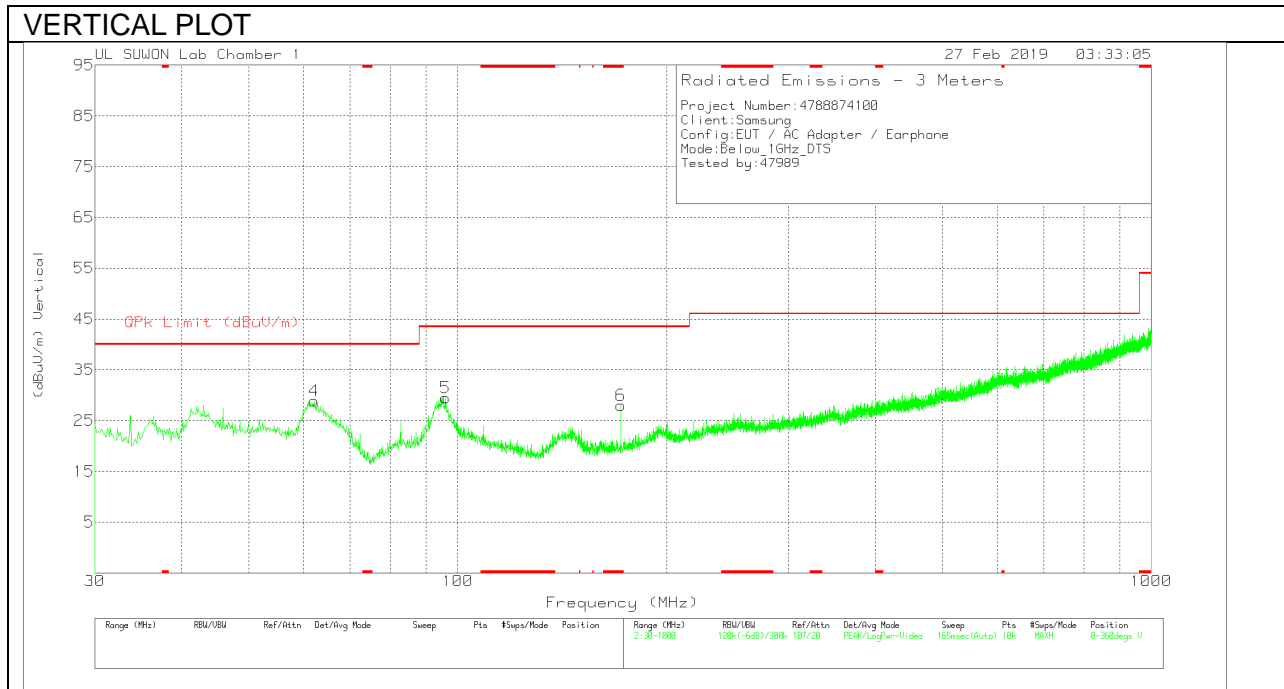
PK2 - KDB558074 Method: Maximum Peak

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_750	Below_1G[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	59.779	37.58	Pk	18.6	-30.3	0	25.88	40	-14.12	0-360	400	H
2	95.96	44.01	Pk	17.4	-29.7	0	31.71	43.52	-11.81	0-360	300	H
3	147.758	40.67	Pk	14.1	-29.1	0	25.67	43.52	-17.85	0-360	300	H
4	62.107	41.17	Pk	18	-30.3	0	28.87	40	-11.13	0-360	100	V
5	96.057	41.93	Pk	17.4	-29.8	0	29.53	43.52	-13.99	0-360	300	V
6	* 171.814	41.85	Pk	14.9	-28.8	0	27.95	43.52	-15.57	0-360	200	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.

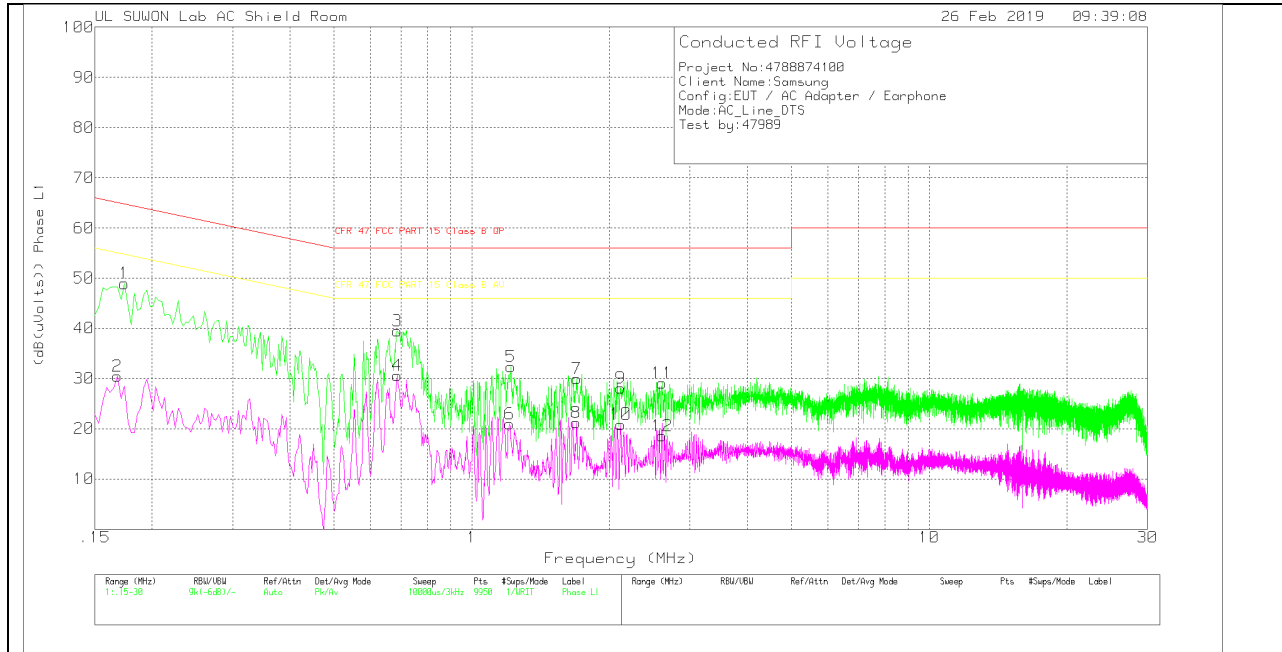
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise Vnoted as quasi-peak or average.

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

RESULTS

WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

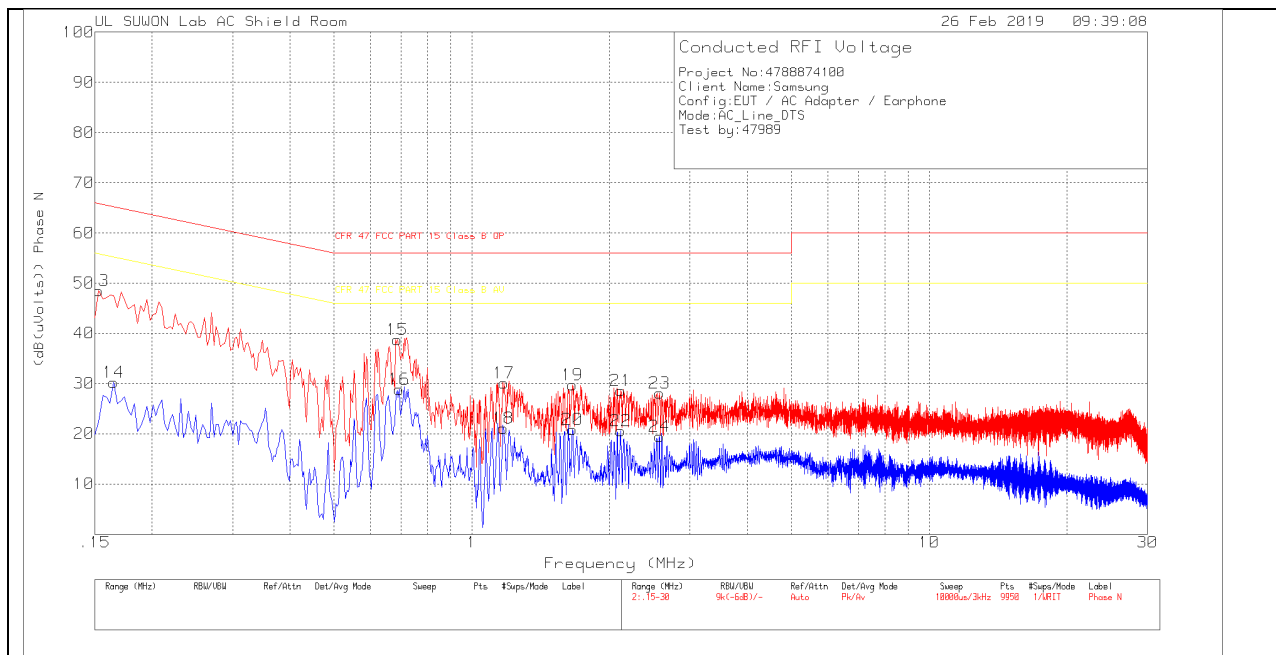
Range 1: Phase L1 .15 - 30MHz

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	.174	38.73	Pk	10	.2	48.93	64.77	-15.84	-	-
2	.168	20.34	Av	10	.1	30.44	-	-	55.06	-24.62
3	.687	29.35	Pk	9.9	.2	39.45	56	-16.55	-	-
4	.687	20.55	Av	9.9	.2	30.65	-	-	46	-15.35
5	1.218	22.21	Pk	9.8	.3	32.31	56	-23.69	-	-
6	1.209	10.81	Av	9.8	.3	20.91	-	-	46	-25.09
7	1.695	19.87	Pk	9.8	.3	29.97	56	-26.03	-	-
8	1.692	11.15	Av	9.8	.3	21.25	-	-	46	-24.75
9	2.115	18.02	Pk	9.8	.3	28.12	56	-27.88	-	-
10	2.115	10.8	Av	9.8	.3	20.9	-	-	46	-25.1
11	2.607	18.82	Pk	10	.3	29.12	56	-26.88	-	-
12	2.607	8.26	Av	10	.3	18.56	-	-	46	-27.44

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	.153	38.59	Pk	9.8	.1	48.49	65.84	-17.35	-	-
14	.165	20.14	Av	10	.1	30.24	-	-	55.21	-24.97
15	.687	28.59	Pk	9.9	.2	38.69	56	-17.31	-	-
16	.693	18.76	Av	9.9	.2	28.86	-	-	46	-17.14
17	1.176	20.04	Pk	9.8	.3	30.14	56	-25.86	-	-
18	1.173	11	Av	9.8	.3	21.1	-	-	46	-24.9
19	1.659	19.73	Pk	9.7	.3	29.73	56	-26.27	-	-
20	1.659	10.83	Av	9.7	.3	20.83	-	-	46	-25.17
21	2.115	18.57	Pk	9.7	.3	28.57	56	-27.43	-	-
22	2.115	10.54	Av	9.7	.3	20.54	-	-	46	-25.46
23	2.577	18.11	Pk	9.7	.3	28.11	56	-27.89	-	-
24	2.571	9.5	Av	9.7	.3	19.5	-	-	46	-26.5

Pk - Peak detector

Av - Average detection