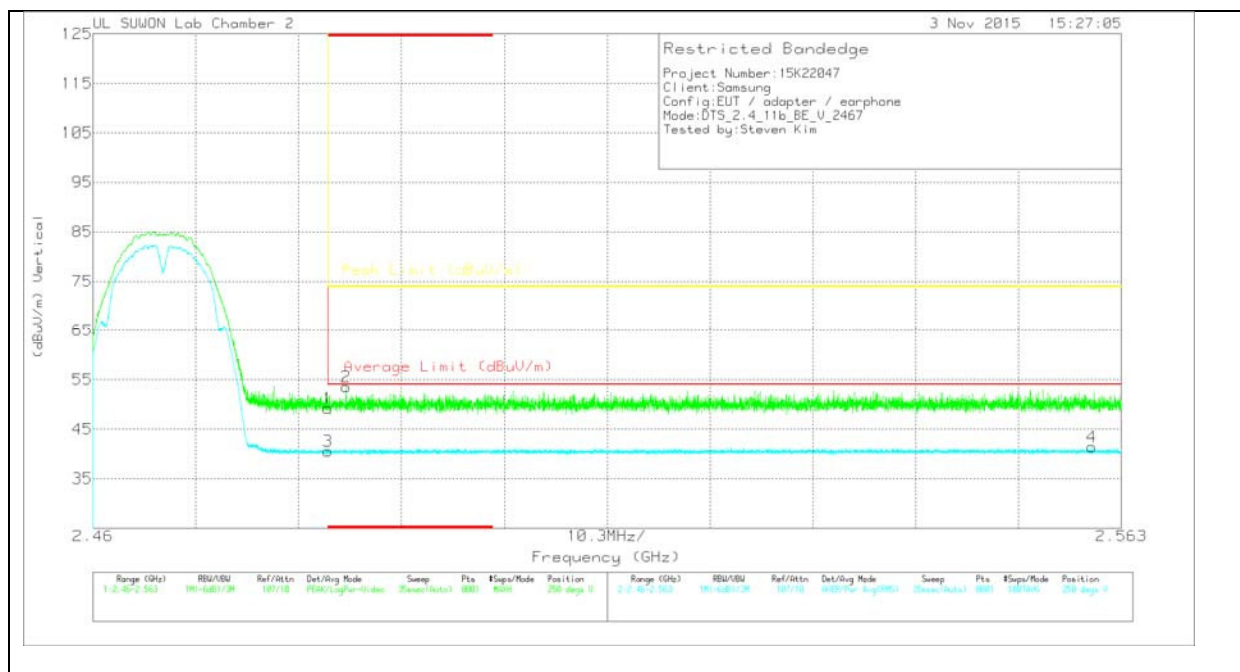


VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	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	36.84	Pk	31.8	-19.4	0	49.24	-	-	74	-24.76	250	319	V
2	* 2.485	41.1	Pk	31.8	-19.4	0	53.5	-	-	74	-20.5	250	319	V
3	* 2.484	28.17	RMS	31.8	-19.4	0	40.57	54	-13.43	-	-	250	319	V
4	2.56	28.78	RMS	31.9	-19.3	0	41.38	54	-12.62	-	-	250	319	V

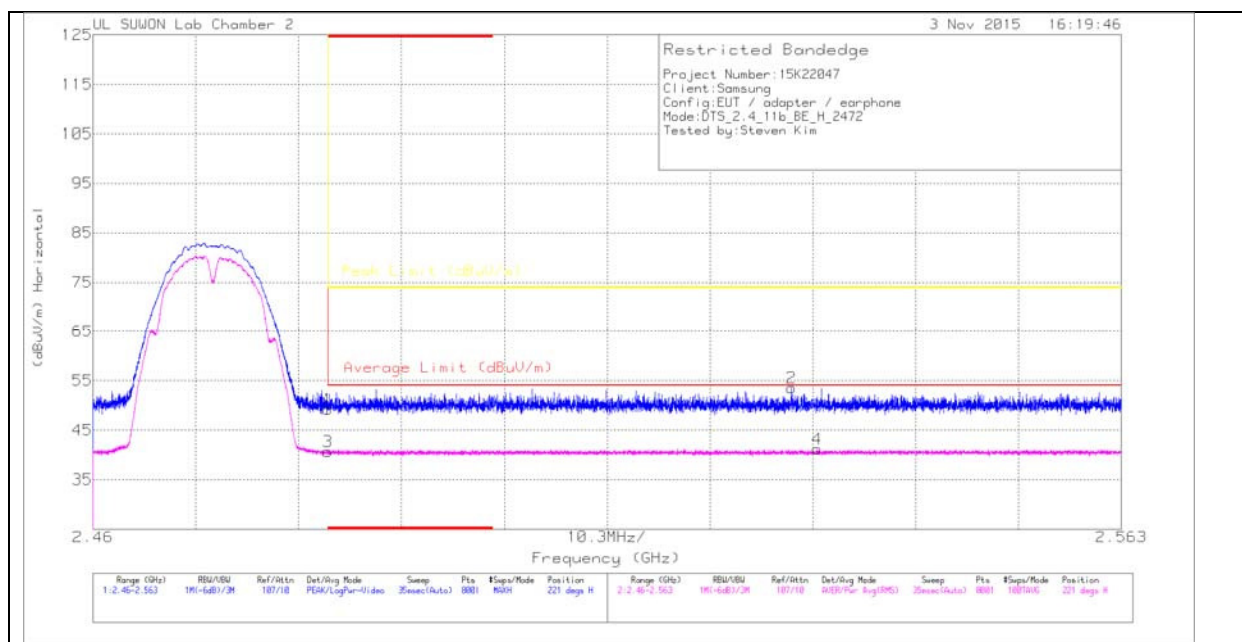
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

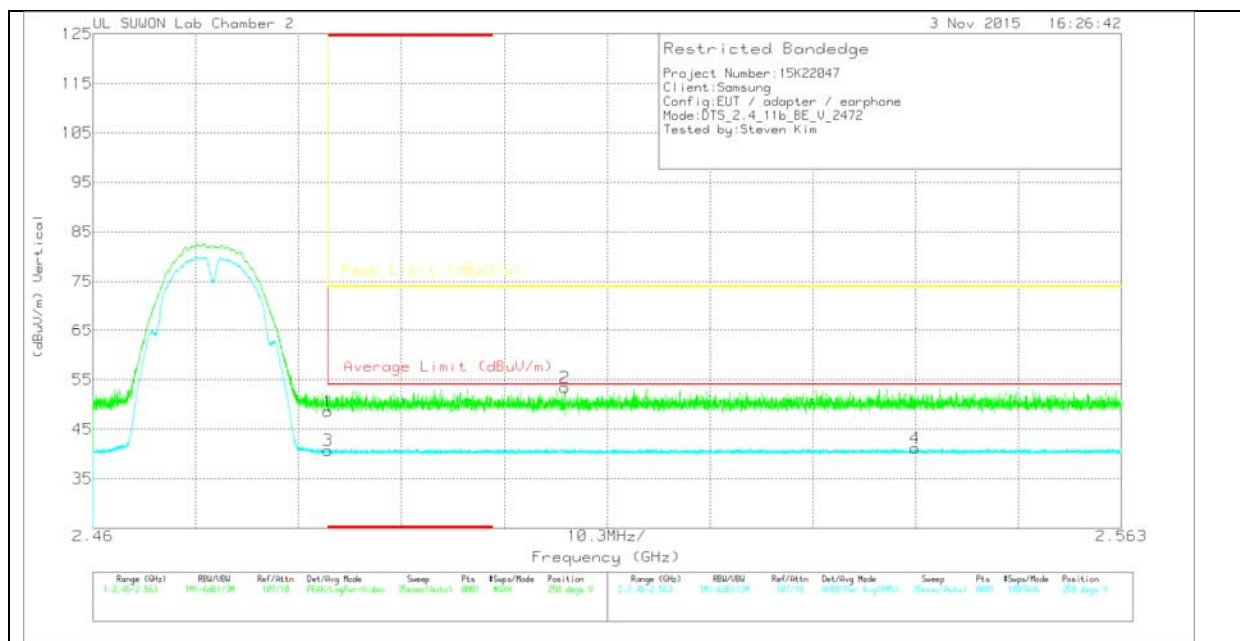
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.78	Pk	31.8	-19.4	0	49.18	-	-	74	-24.82	221	273	H
2	2.53	40.92	Pk	31.9	-19.3	0	53.52	-	-	74	-20.48	221	273	H
3	* 2.484	28.33	RMS	31.8	-19.4	0	40.73	54	-13.27	-	-	221	273	H
4	2.533	28.55	RMS	31.9	-19.3	0	41.15	54	-12.85	-	-	221	273	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	36.2	Pk	31.8	-19.4	0	48.6	-	-	74	-25.4	258	256	V
2	2.507	40.84	Pk	31.9	-19.3	0	53.44	-	-	74	-20.56	258	256	V
3	* 2.484	28.34	RMS	31.8	-19.4	0	40.74	54	-13.26	-	-	258	256	V
4	2.542	28.54	RMS	31.9	-19.3	0	41.14	54	-12.86	-	-	258	256	V

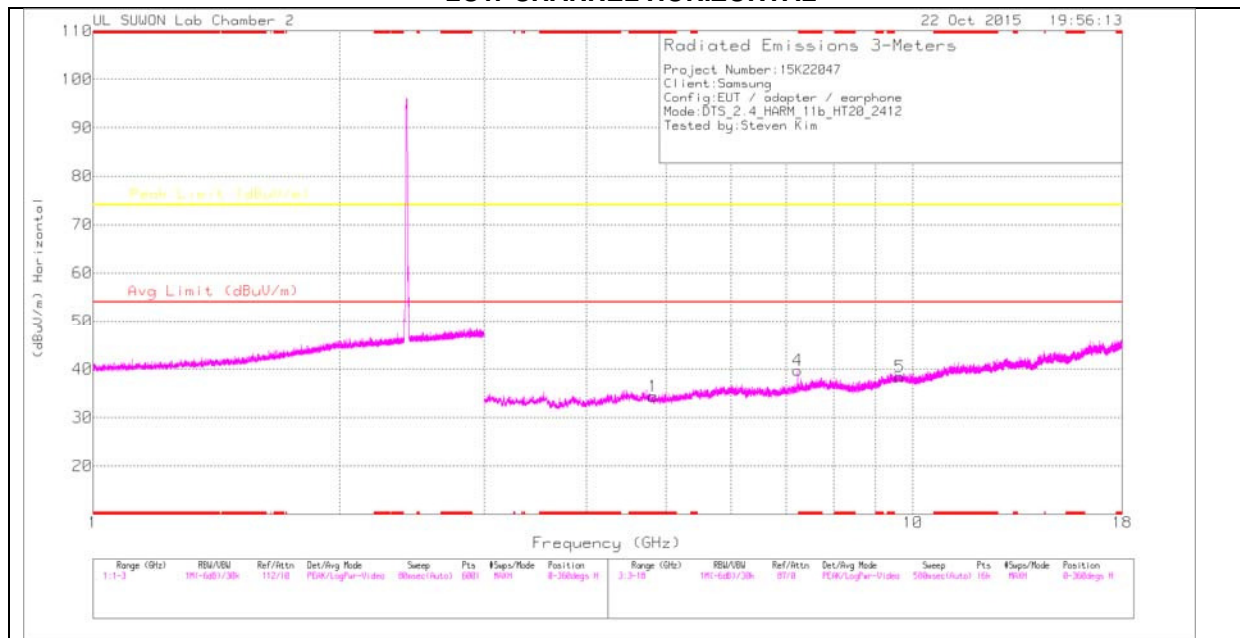
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

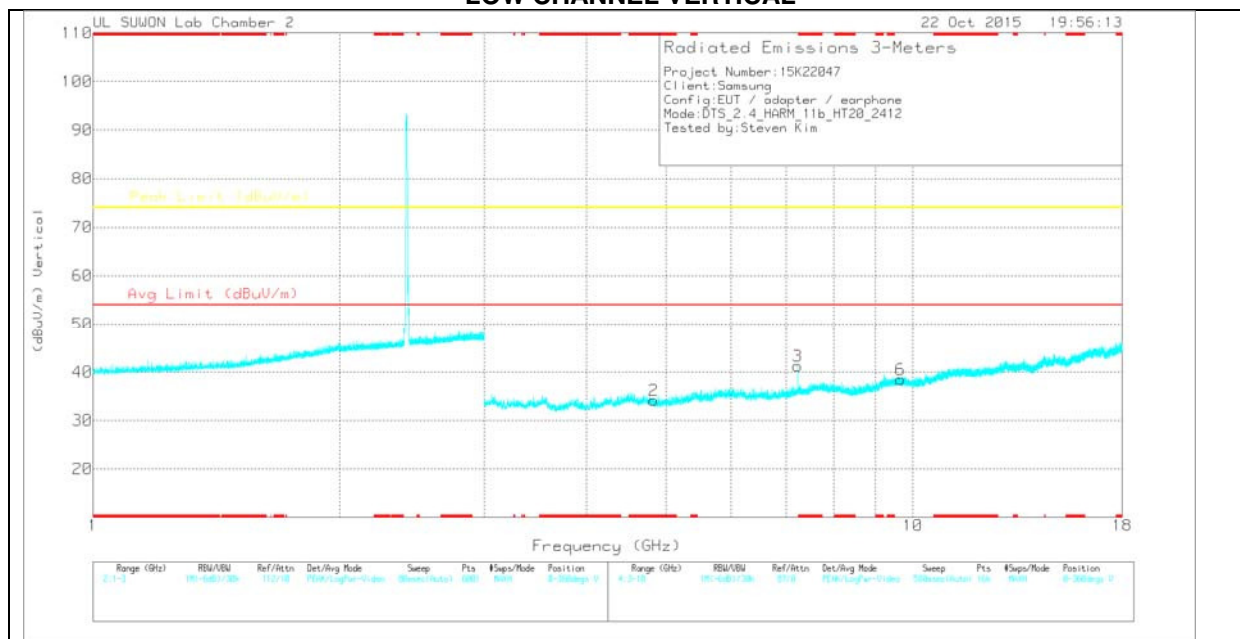
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW 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.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	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	* 4.824	25.76	PK	33.9	-25.3	0	34.36	-	-	74	-39.64	0-360	100	H
4	7.235	26.99	PK	35.8	-23	0	39.79	-	-	74	-34.21	0-360	200	H
5	9.647	20.51	PK	36.9	-19	0	38.41	-	-	74	-35.59	0-360	100	H
2	* 4.826	25.58	PK	33.9	-25.3	0	34.18	-	-	74	-39.82	0-360	100	V
3	7.235	28.48	PK	35.8	-23	0	41.28	-	-	74	-32.72	0-360	200	V
6	9.649	20.58	PK	36.9	-19	0	38.48	-	-	74	-35.52	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

Radiated Emissions

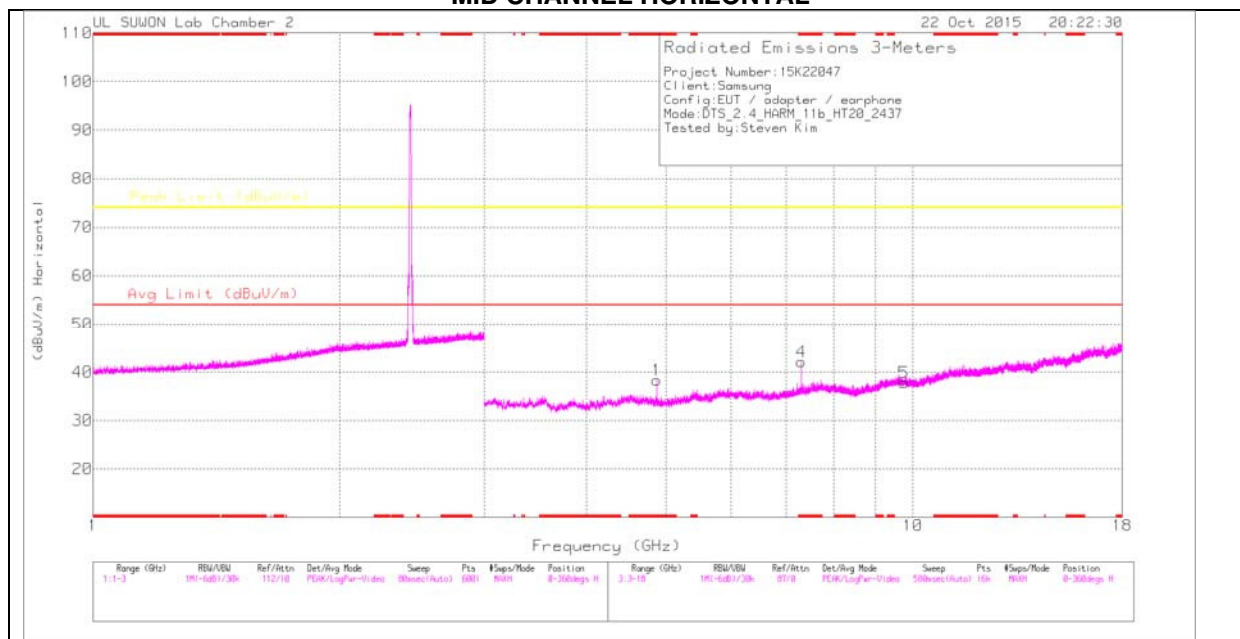
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.237	37.19	PK2	35.8	-23	0	49.99	-	-	74	-24.01	307	304	H
7.236	37.08	PK2	35.8	-23	0	49.88	-	-	74	-24.12	352	329	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

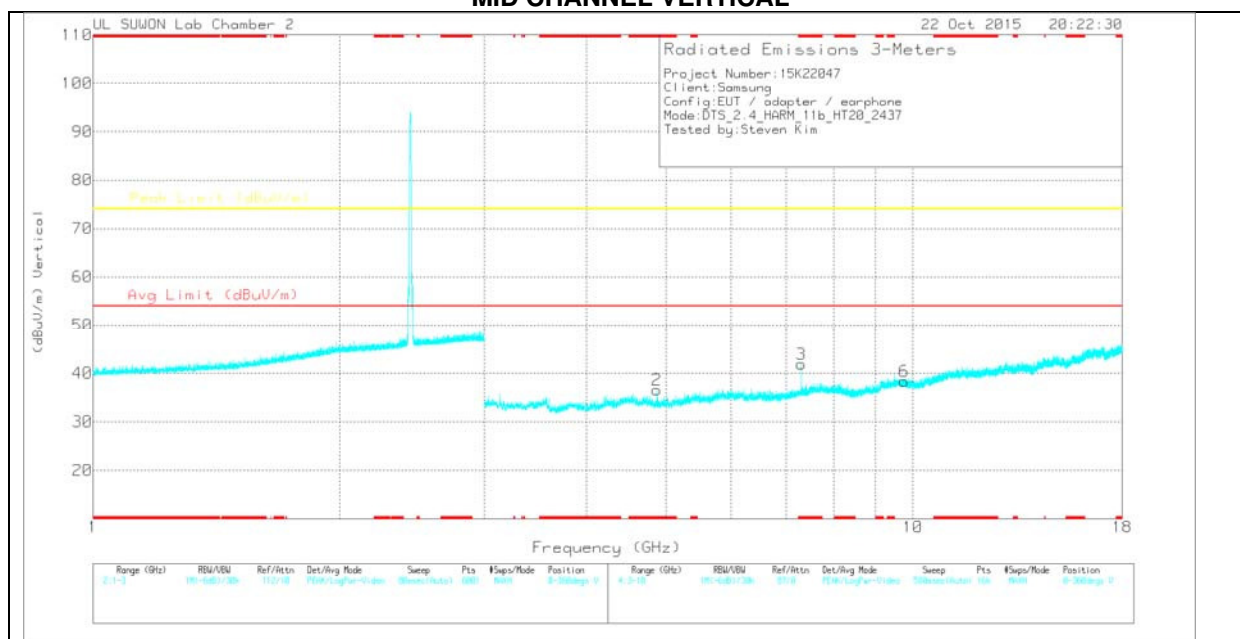
PK2 - KDB558074 Method: Maximum Peak

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

MID CHANNEL HORIZONTAL



MID 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.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	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	29.63	PK	33.9	-25.2	0	38.33	-	-	74	-35.67	0-360	200	H
4	* 7.309	28.78	PK	35.9	-22.6	0	42.08	-	-	74	-31.92	0-360	200	H
5	9.749	20.08	PK	37	-19.3	0	37.78	-	-	74	-36.22	0-360	200	H
2	* 4.874	27.92	PK	33.9	-25.2	0	36.62	-	-	74	-37.38	0-360	200	V
3	* 7.31	28.59	PK	35.9	-22.6	0	41.89	-	-	74	-32.11	0-360	100	V
6	9.751	20.61	PK	37	-19.3	0	38.31	-	-	74	-35.69	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

Radiated Emissions

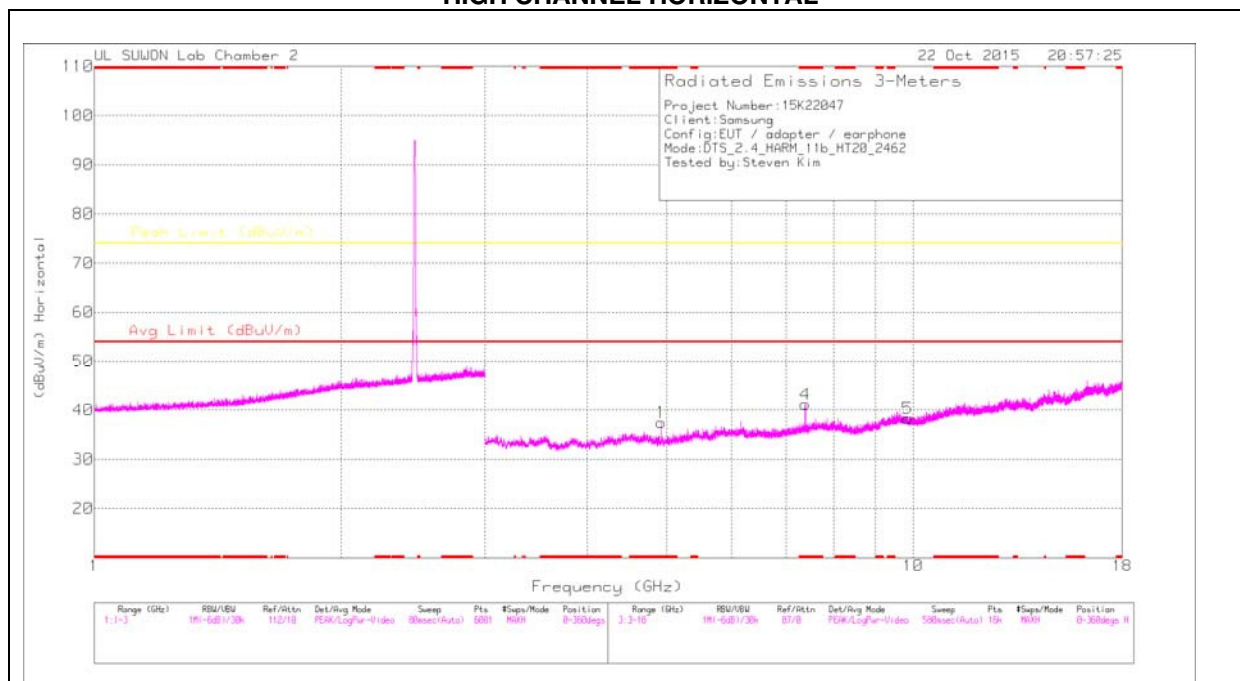
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.874	38	PK2	33.9	-25.2	0	46.7	-	-	74	-27.3	189	219	H
* 4.874	28.85	MAv1	33.9	-25.2	0	37.55	54	-16.45	-	-	189	219	H
* 4.874	37.5	PK2	33.9	-25.2	0	46.2	-	-	74	-27.8	48	265	V
* 4.874	27.6	MAv1	33.9	-25.2	0	36.3	54	-17.7	-	-	48	265	V
* 7.31	37.85	PK2	35.9	-22.6	0	51.15	-	-	74	-22.85	235	271	H
* 7.312	28.81	MAv1	35.9	-22.6	0	42.11	54	-11.89	-	-	235	271	H
* 7.311	38.21	PK2	35.9	-22.6	0	51.51	-	-	74	-22.49	354	377	V
* 7.312	29.43	MAv1	35.9	-22.6	0	42.73	54	-11.27	-	-	354	377	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

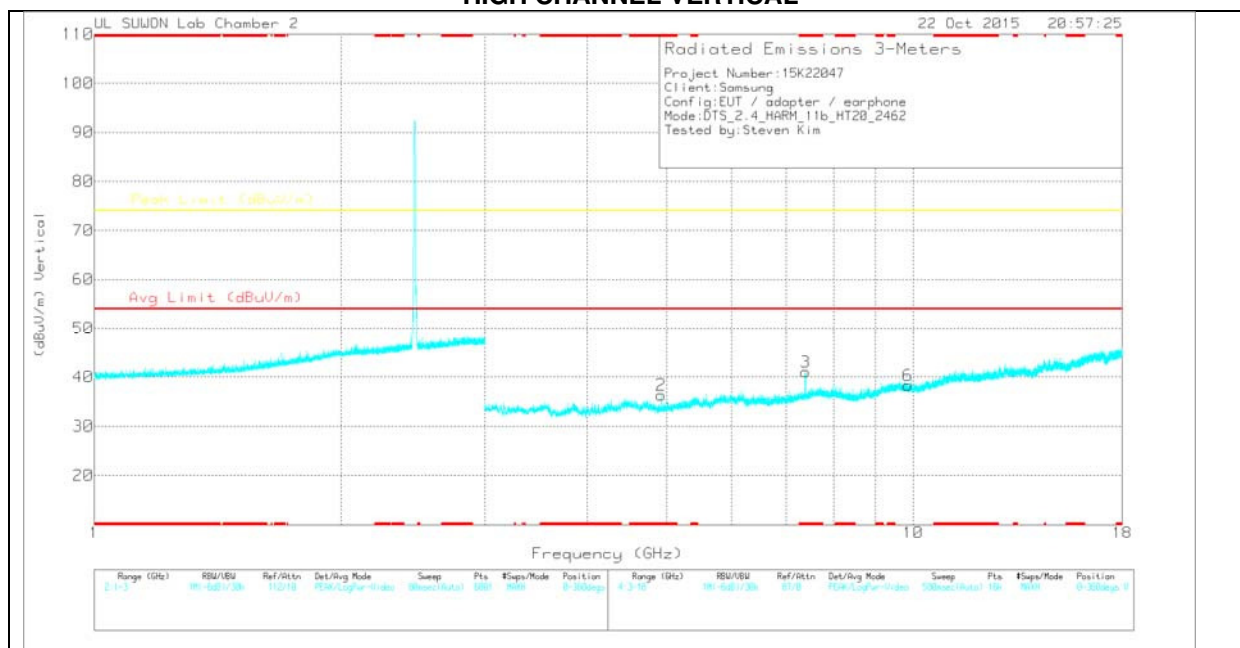
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL HORIZONTAL



HIGH 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.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	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	28.68	PK	33.9	-25.1	0	37.48	-	-	74	-36.52	0-360	100	H
4	* 7.384	27.46	PK	35.9	-22.2	0	41.16	-	-	74	-32.84	0-360	200	H
5	9.846	20.41	PK	37.1	-19.2	0	38.31	-	-	74	-35.69	0-360	200	H
2	* 4.924	27.53	PK	33.9	-25.1	0	36.33	-	-	74	-37.67	0-360	200	V
3	* 7.387	27.33	PK	35.9	-22.2	0	41.03	-	-	74	-32.97	0-360	200	V
6	9.854	20.41	PK	37.1	-19.2	0	38.31	-	-	74	-35.69	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

Radiated Emissions

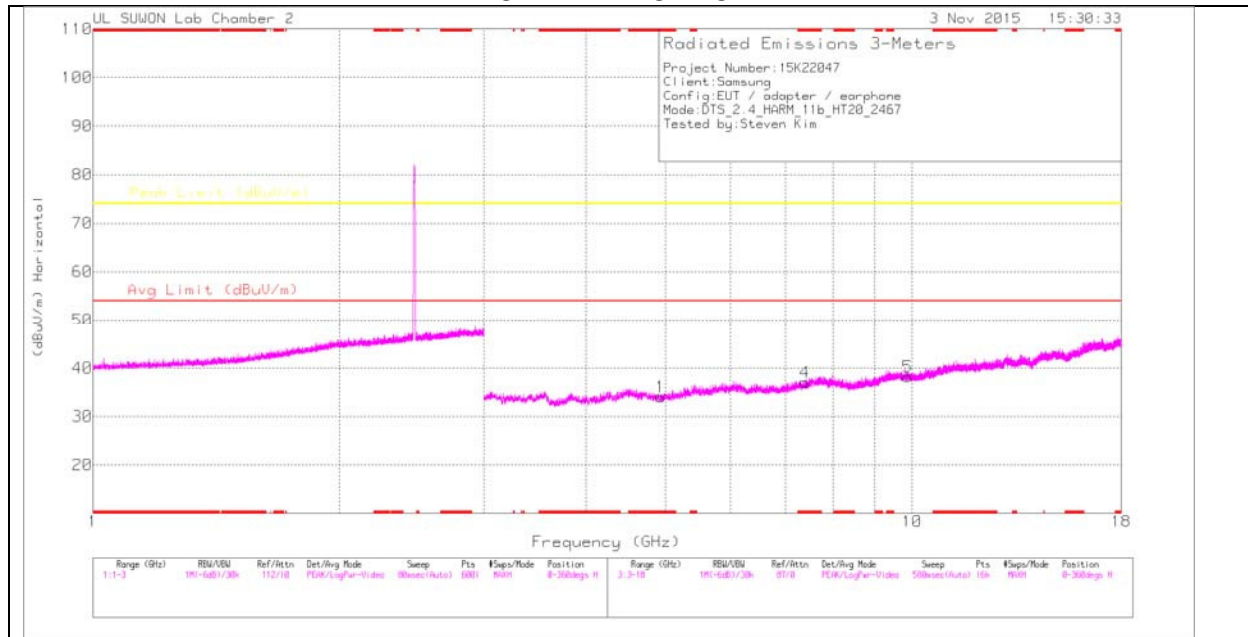
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	Path_3	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.924	37.36	PK2	33.9	-25.1	0	46.16	-	-	74	-27.84	166	368	H
* 4.924	28.01	MAv1	33.9	-25.1	0	36.81	54	-17.19	-	-	166	368	H
* 4.924	36.7	PK2	33.9	-25.1	0	45.5	-	-	74	-28.5	55	257	V
* 4.924	25.8	MAv1	33.9	-25.1	0	34.6	54	-19.4	-	-	55	257	V
* 7.386	37.52	PK2	35.9	-22.2	0	51.22	-	-	74	-22.78	357	373	V
* 7.385	28.21	MAv1	35.9	-22.2	0	41.91	54	-12.09	-	-	357	373	V
* 7.386	37.67	PK2	35.9	-22.2	0	51.37	-	-	74	-22.63	240	285	H
* 7.387	28.65	MAv1	35.9	-22.2	0	42.35	54	-11.65	-	-	240	285	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

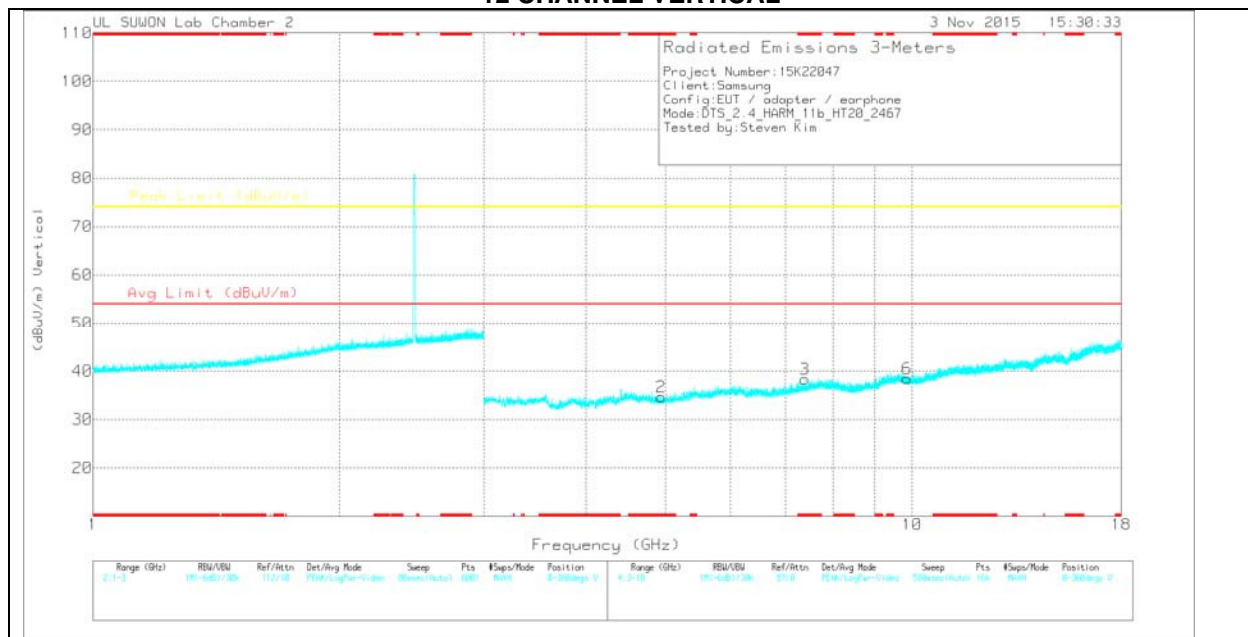
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

12 CHANNEL HORIZONTAL



12 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.

12 CHANNEL DATA

Trace Markers

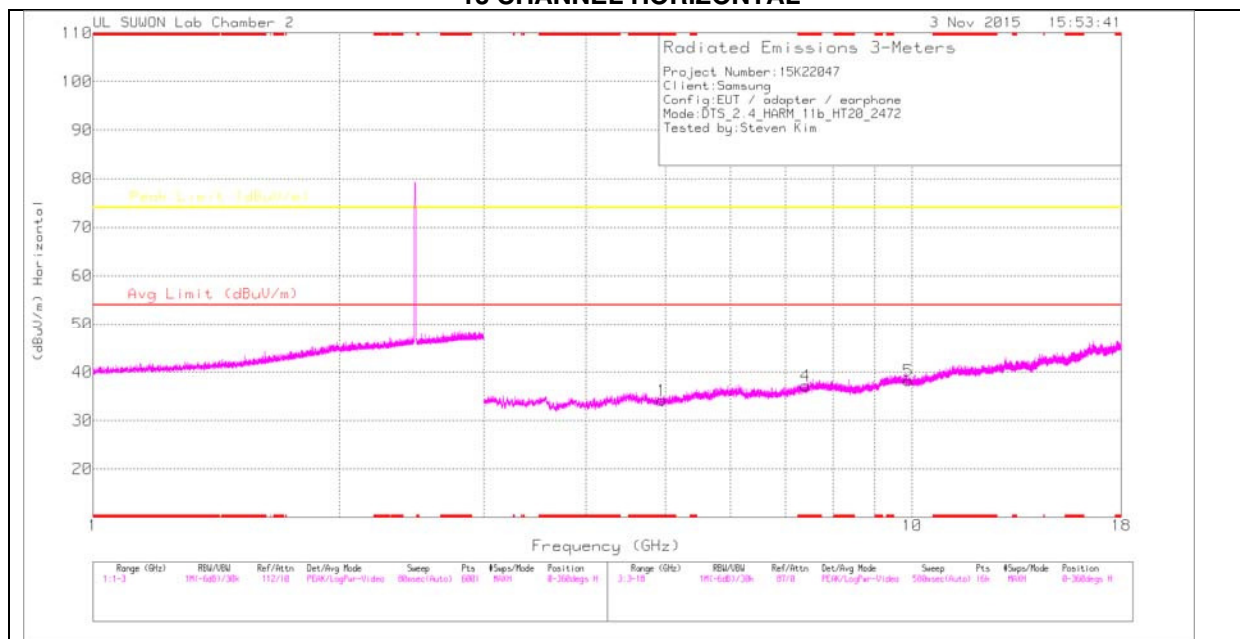
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.933	25.26	PK	33.9	-25.1	0	34.06	-	-	74	-39.94	0-360	200	H
4	* 7.4	23.22	PK	36	-22.1	0	37.12	-	-	74	-36.88	0-360	200	H
5	9.868	20.28	PK	37.1	-19.2	0	38.18	-	-	74	-35.82	0-360	100	H
2	* 4.937	25.82	PK	33.9	-25.1	0	34.62	-	-	74	-39.38	0-360	100	V
3	* 7.401	24.49	PK	36	-22.1	0	38.39	-	-	74	-35.61	0-360	200	V
6	9.866	20.57	PK	37.1	-19.2	0	38.47	-	-	74	-35.53	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

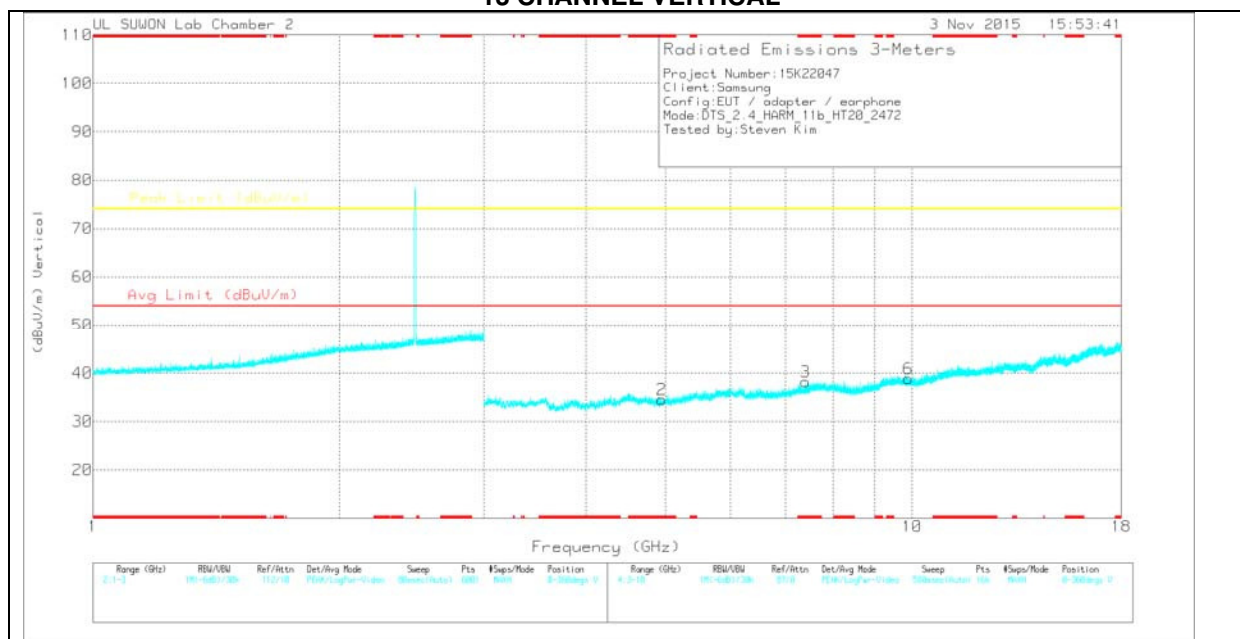
PK – Peak detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

13 CHANNEL HORIZONTAL



13 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.

13 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	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	* 4.944	25.38	PK	33.9	-25.1	0	34.18	-	-	74	-39.82	0-360	200	H
4	* 7.416	23.25	PK	36	-22.1	0	37.15	-	-	74	-36.85	0-360	200	H
5	9.887	20.35	PK	37.1	-19.2	0	38.25	-	-	74	-35.75	0-360	100	H
2	* 4.948	25.65	PK	33.9	-25	0	34.55	-	-	74	-39.45	0-360	100	V
3	* 7.416	24.33	PK	36	-22.1	0	38.23	-	-	74	-35.77	0-360	100	V
6	9.892	20.84	PK	37.1	-19.1	0	38.84	-	-	74	-35.16	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

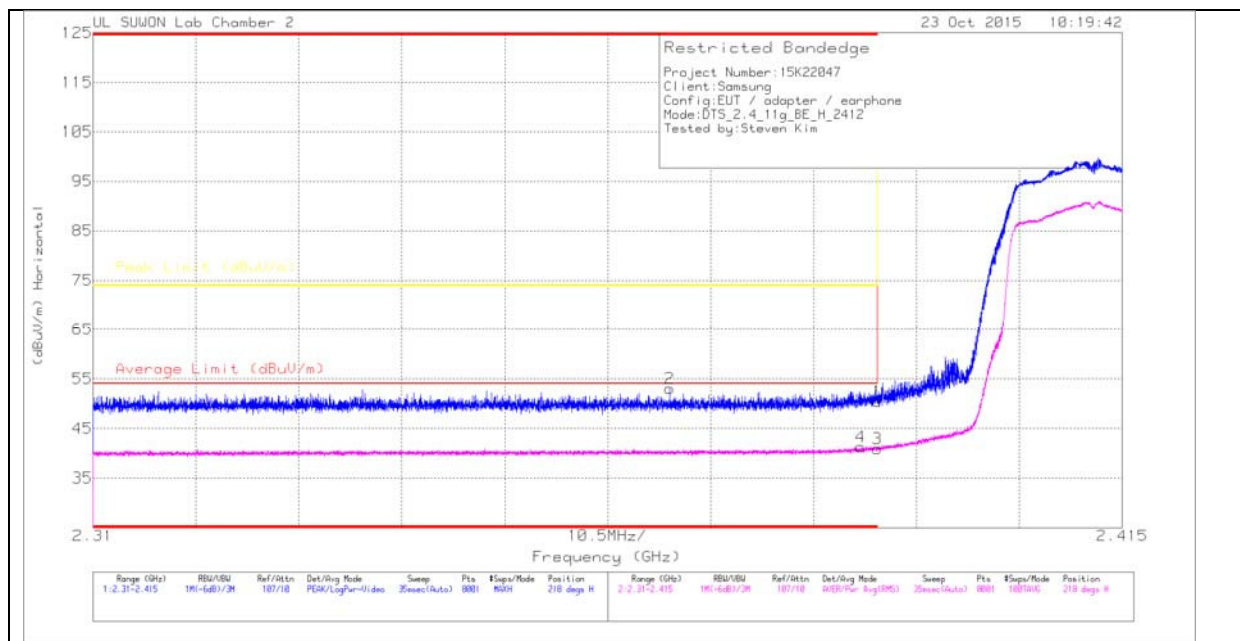
PK – Peak detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

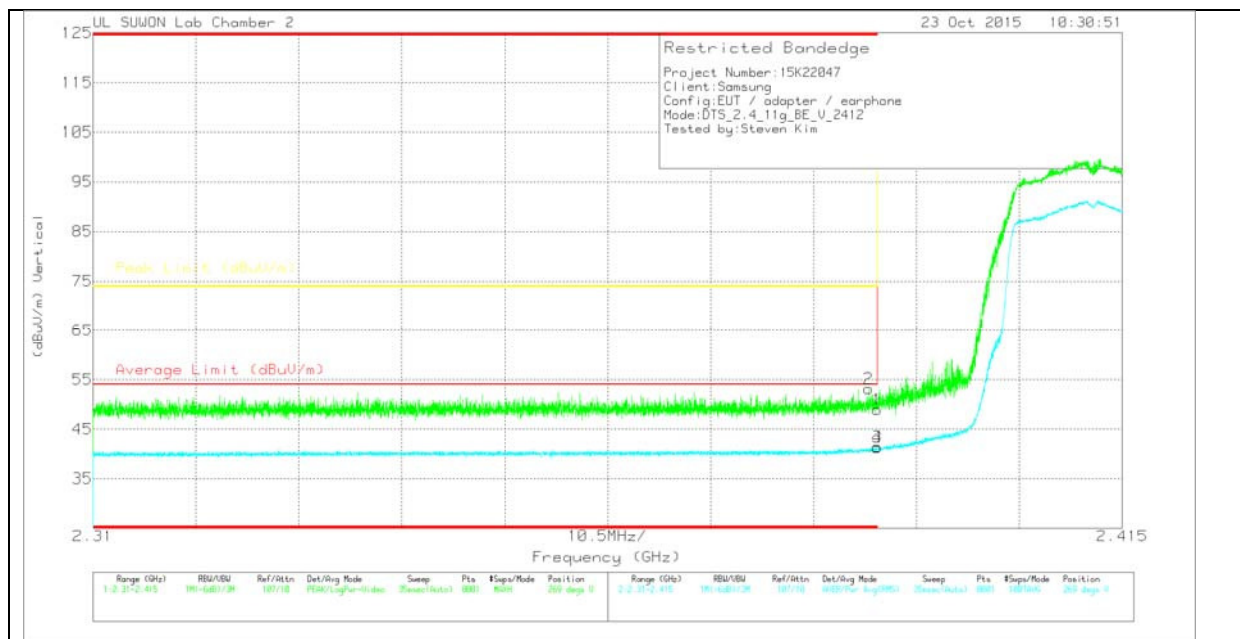
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	38.27	Pk	31.7	-19.5	0	50.47	-	-	74	-23.53	218	140	H
2	* 2.369	40.91	Pk	31.7	-19.6	0	53.01	-	-	74	-20.99	218	140	H
3	* 2.39	28.39	RMS	31.7	-19.5	.3	40.89	54	-13.11	-	-	218	140	H
4	* 2.388	28.84	RMS	31.7	-19.5	.3	41.34	54	-12.66	-	-	218	140	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	36.72	Pk	31.7	-19.5	0	48.92	-	-	74	-25.08	269	263	V
2	* 2.389	41.02	Pk	31.7	-19.5	0	53.22	-	-	74	-20.78	269	263	V
3	* 2.39	28.95	RMS	31.7	-19.5	.3	41.45	54	-12.55	-	-	269	263	V
4	* 2.39	28.78	RMS	31.7	-19.5	.3	41.28	54	-12.72	-	-	269	263	V

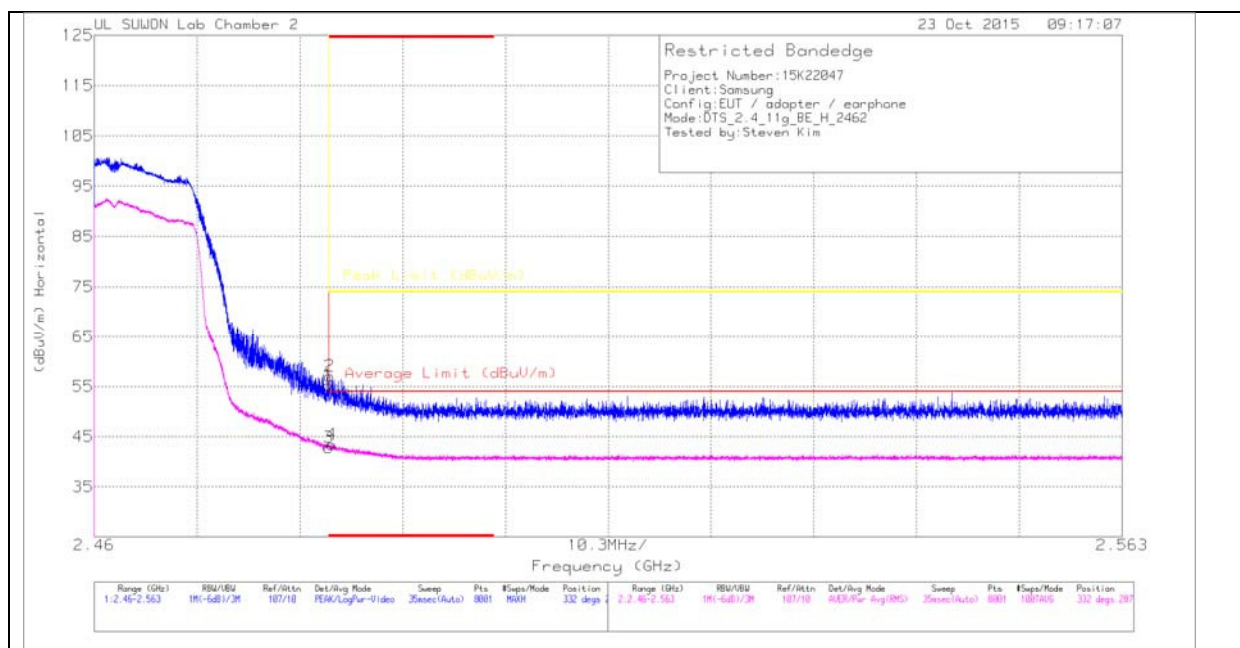
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

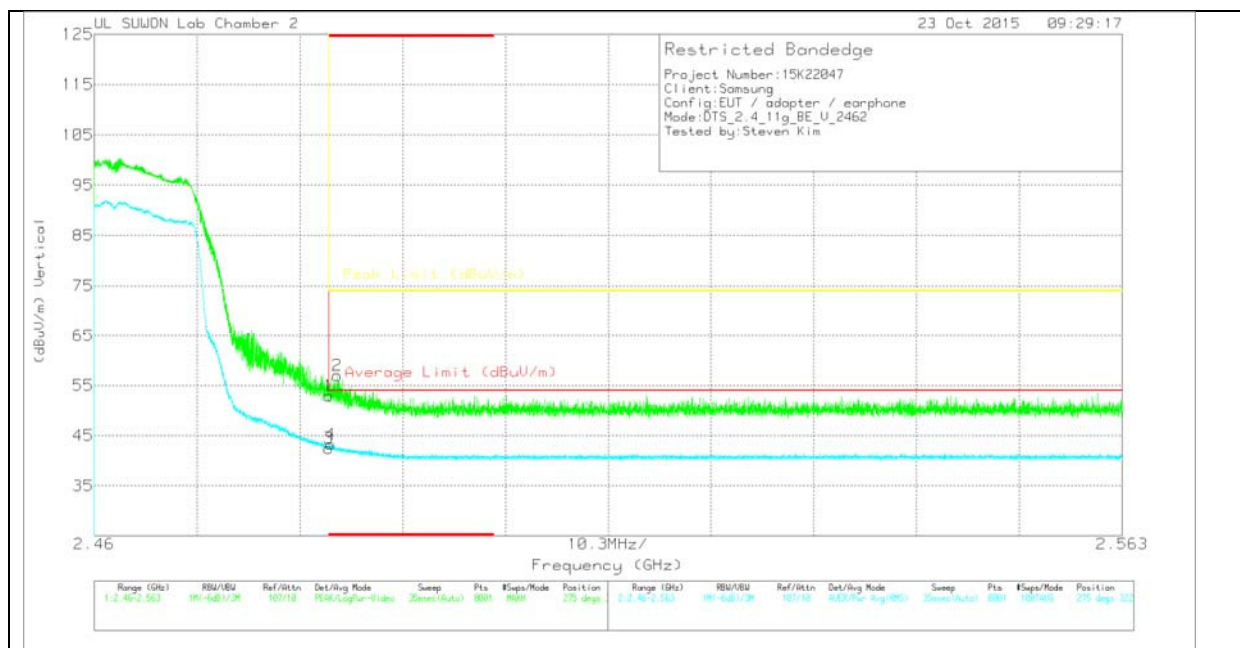
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	42.89	Pk	31.8	-19.4	0	55.29	-	-	74	-18.71	332	287	H
2	* 2.484	44.7	Pk	31.8	-19.4	0	57.1	-	-	74	-16.9	332	287	H
3	* 2.484	30.17	RMS	31.8	-19.4	.3	42.87	54	-11.13	-	-	332	287	H
4	* 2.484	30.77	RMS	31.8	-19.4	.3	43.47	54	-10.53	-	-	332	287	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	40.56	Pk	31.8	-19.4	0	52.96	-	-	74	-21.04	275	322	V
2	* 2.484	44.6	Pk	31.8	-19.4	0	57	-	-	74	-17	275	322	V
3	* 2.484	29.8	RMS	31.8	-19.4	.3	42.5	54	-11.5	-	-	275	322	V
4	* 2.484	30.61	RMS	31.8	-19.4	.3	43.31	54	-10.69	-	-	275	322	V

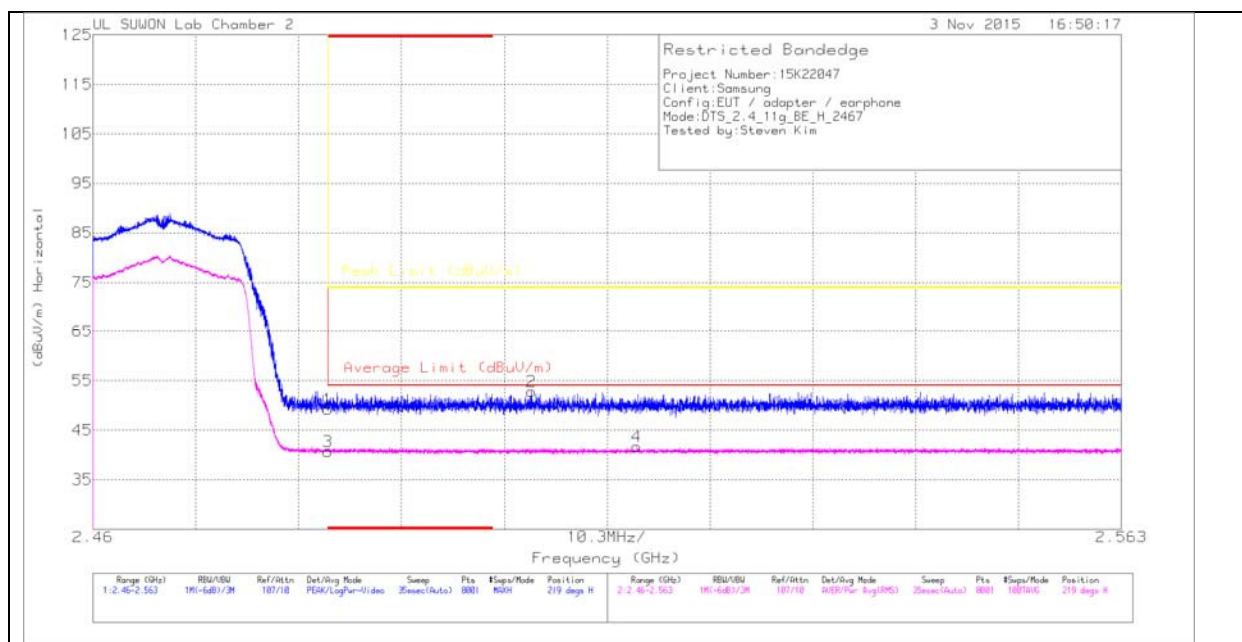
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

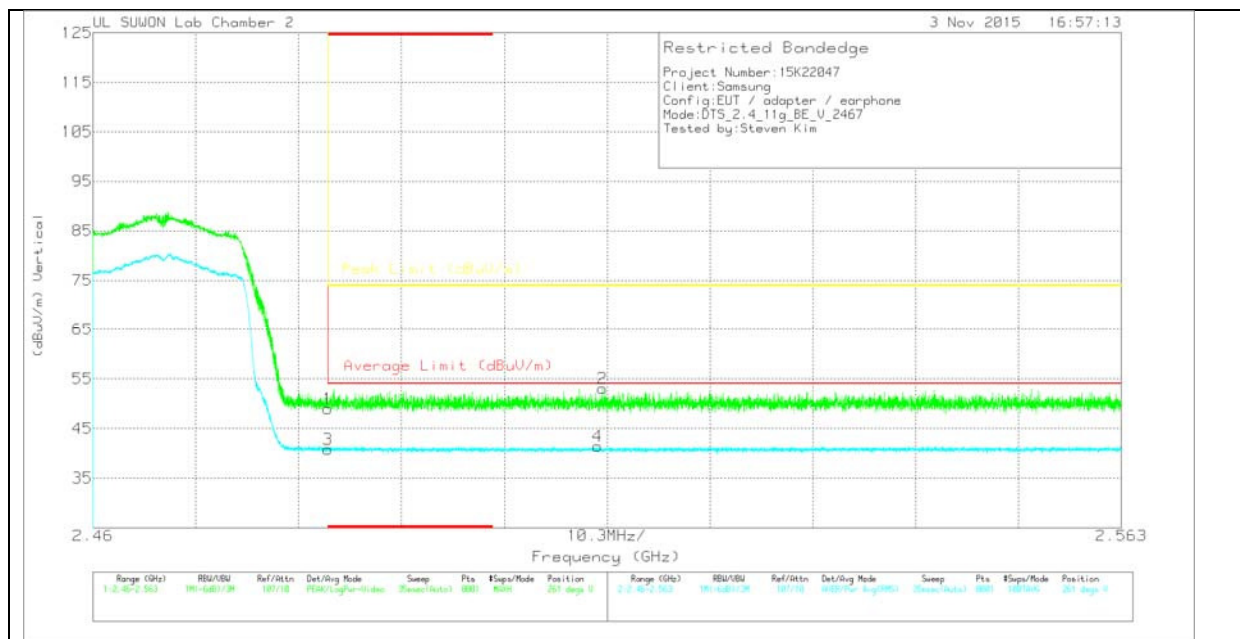
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	36.85	Pk	31.8	-19.4	0	49.25	-	-	74	-24.75	219	273	H
2	2.504	40.21	Pk	31.9	-19.3	0	52.81	-	-	74	-21.19	219	273	H
3	* 2.484	28	RMS	31.8	-19.4	.3	40.7	54	-13.3	-	-	219	273	H
4	2.514	28.72	RMS	31.9	-19.3	.3	41.62	54	-12.38	-	-	219	273	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	36.51	Pk	31.8	-19.4	0	48.91	-	-	74	-25.09	261	257	V
2	2.511	40.43	Pk	31.9	-19.3	0	53.03	-	-	74	-20.97	261	257	V
3	* 2.484	28.14	RMS	31.8	-19.4	.3	40.84	54	-13.16	-	-	261	257	V
4	2.511	28.55	RMS	31.9	-19.3	.3	41.45	54	-12.55	-	-	261	257	V

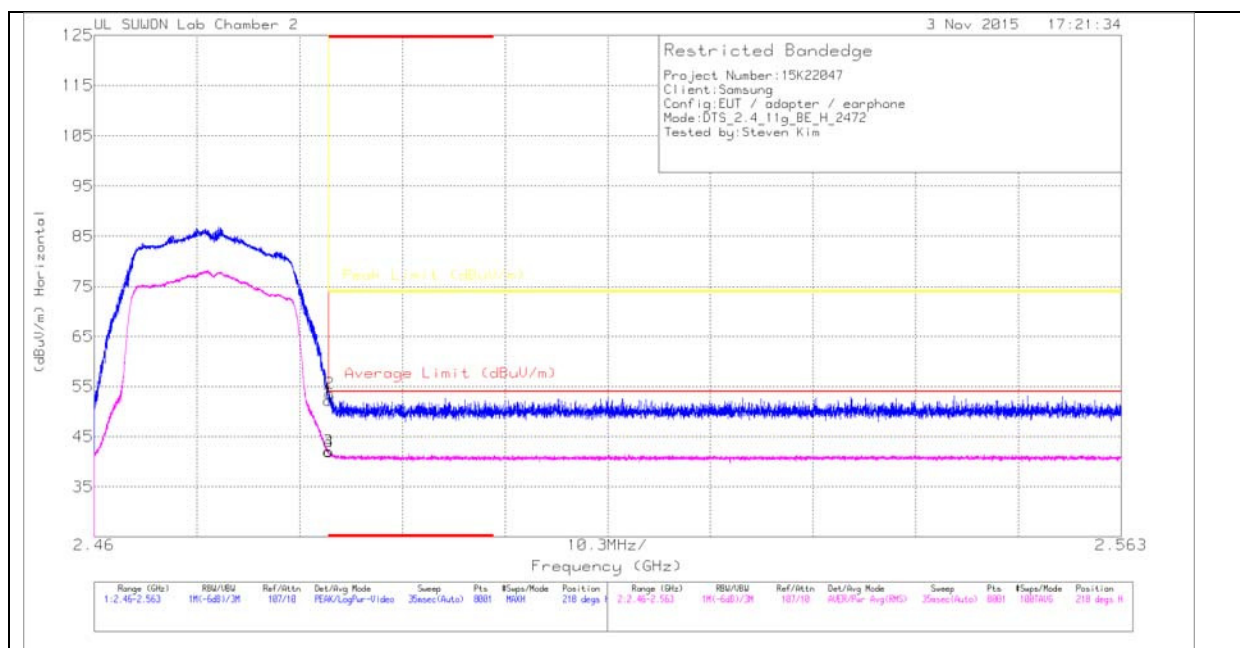
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

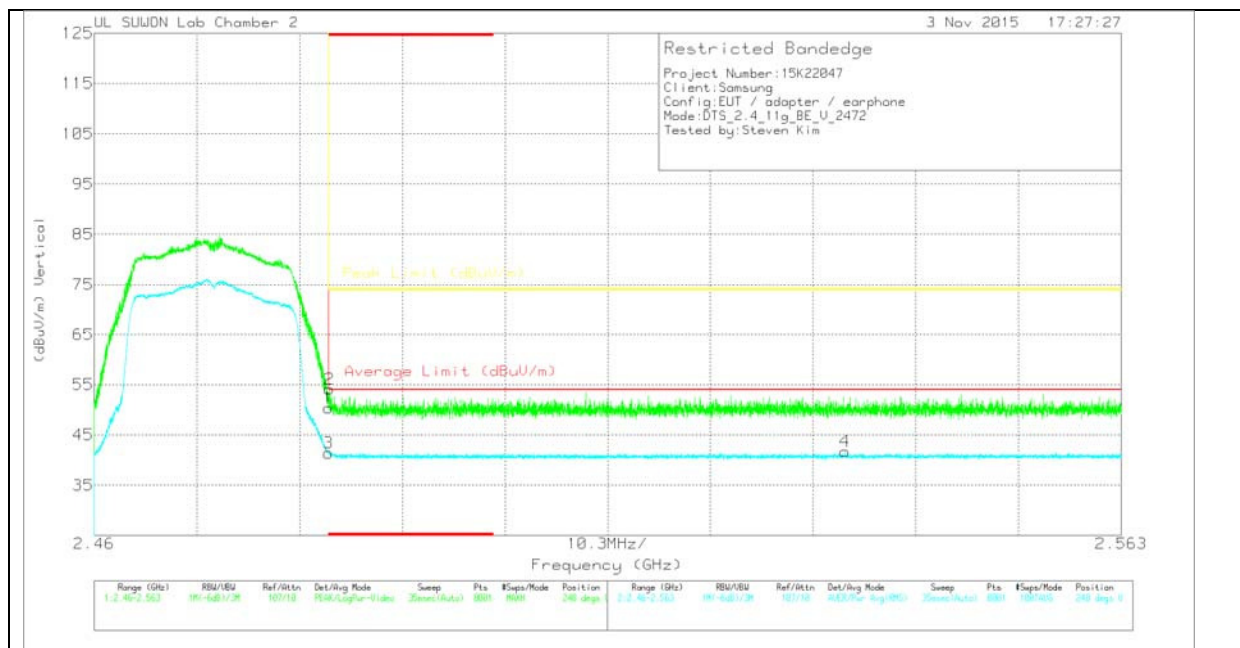
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.82	Pk	31.8	-19.4	0	52.22	-	-	74	-21.78	218	224	H
2	* 2.484	41.25	Pk	31.8	-19.4	0	53.65	-	-	74	-20.35	218	224	H
3	* 2.484	29.4	RMS	31.8	-19.4	.3	42.1	54	-11.9	-	-	218	224	H
4	* 2.484	29.29	RMS	31.8	-19.4	.3	41.99	54	-12.01	-	-	218	224	H

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24/150619	Path_2_10dB	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	37.94	Pk	31.8	-19.4	0	50.34	-	-	74	-23.66	248	307	V
2	* 2.484	41.73	Pk	31.8	-19.4	0	54.13	-	-	74	-19.87	248	307	V
3	* 2.484	28.72	RMS	31.8	-19.4	.3	41.42	54	-12.58	-	-	248	307	V
4	2.535	28.87	RMS	31.9	-19.3	.3	41.77	54	-12.23	-	-	248	307	V

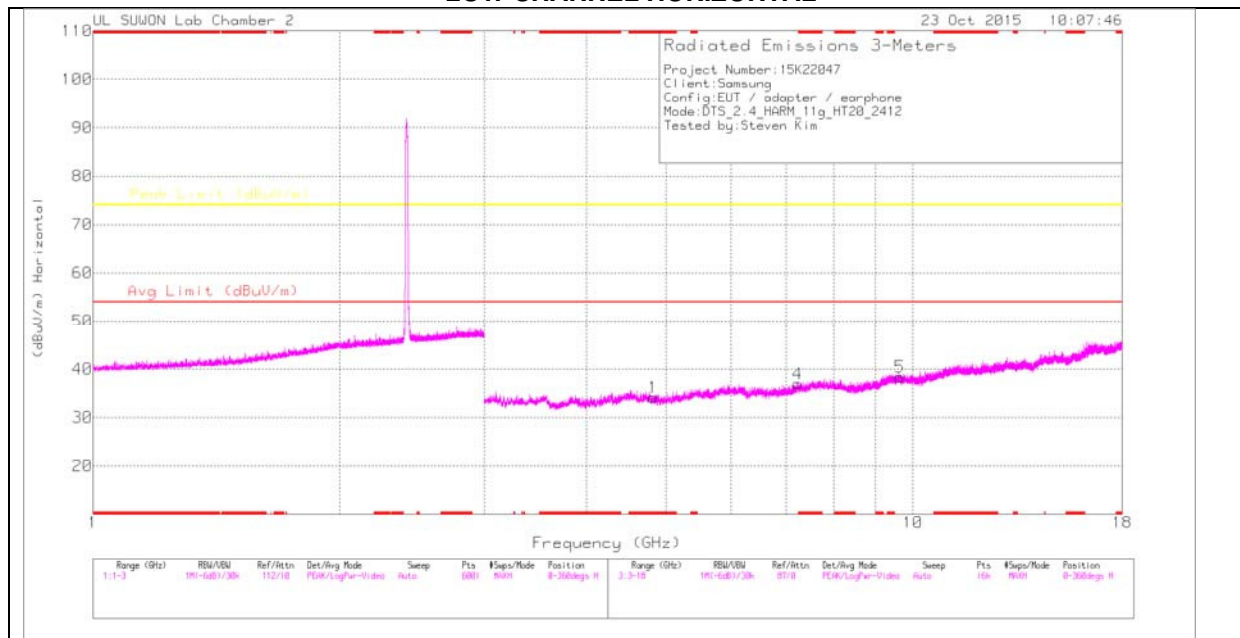
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

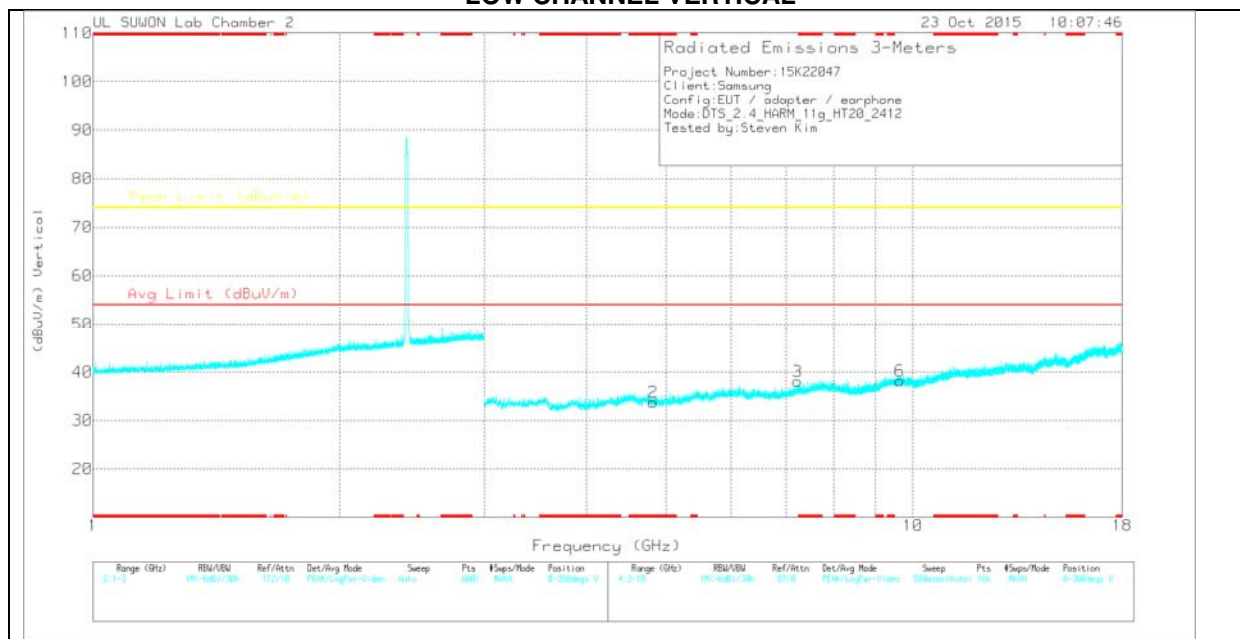
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW 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.

LOW CHANNEL DATA

Trace Markers

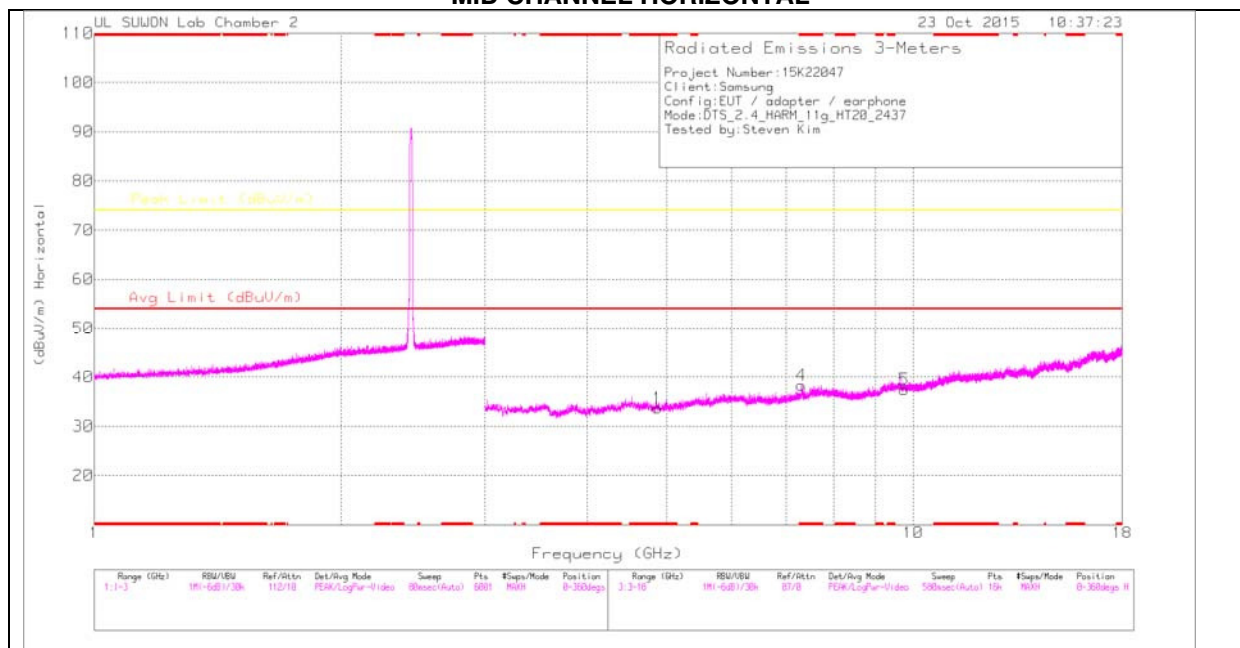
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.824	25.52	PK	33.9	-25.3	0	34.12	-	-	74	-39.88	0-360	100	H
4	7.235	24.19	PK	35.8	-23	0	36.99	-	-	74	-37.01	0-360	100	H
5	9.648	20.5	PK	36.9	-19	0	38.4	-	-	74	-35.6	0-360	100	H
2	* 4.823	25.19	PK	33.9	-25.3	0	33.79	-	-	74	-40.21	0-360	100	V
3	7.235	25.25	PK	35.8	-23	0	38.05	-	-	74	-35.95	0-360	100	V
6	9.648	20.35	PK	36.9	-19	0	38.25	-	-	74	-35.75	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

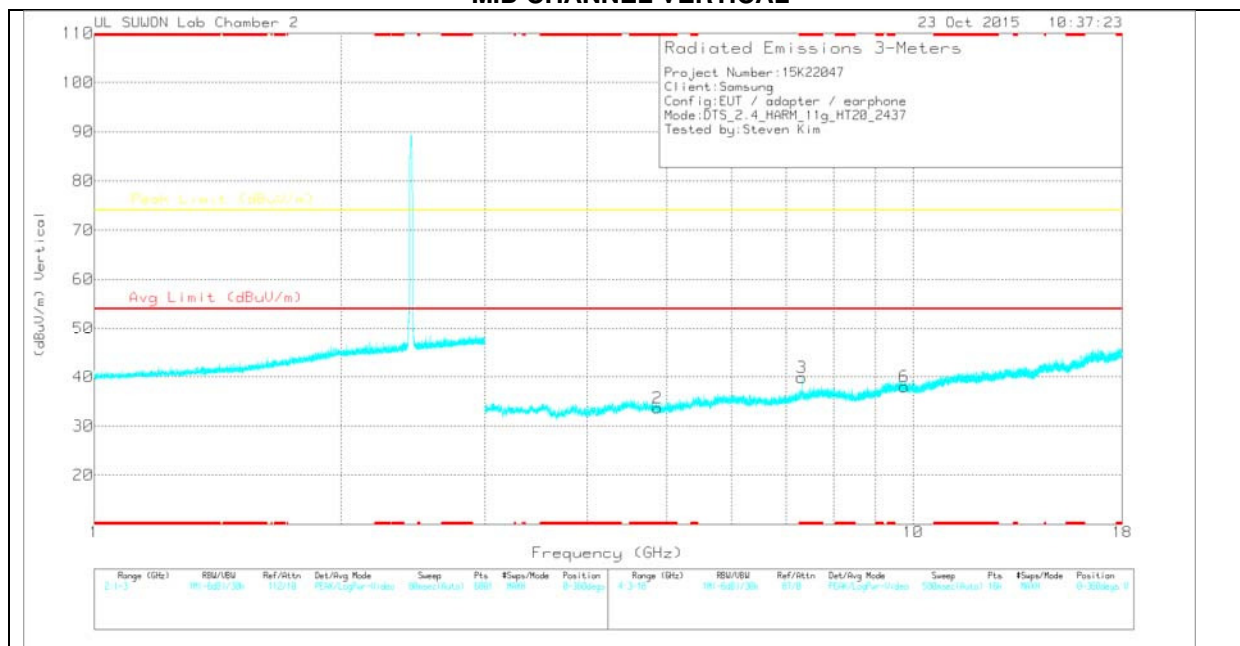
PK – Peak detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

MID CHANNEL HORIZONTAL



MID 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.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	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	25.02	PK	33.9	-25.2	0	33.72	-	-	74	-40.28	0-360	200	H
4	* 7.308	25.02	PK	35.9	-22.6	0	38.32	-	-	74	-35.68	0-360	200	H
5	9.746	19.76	PK	37	-19.3	0	37.46	-	-	74	-36.54	0-360	200	H
2	* 4.873	24.97	PK	33.9	-25.2	0	33.67	-	-	74	-40.33	0-360	200	V
3	* 7.31	26.58	PK	35.9	-22.6	0	39.88	-	-	74	-34.12	0-360	200	V
6	9.747	20.31	PK	37	-19.3	0	38.01	-	-	74	-35.99	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

Radiated Emissions

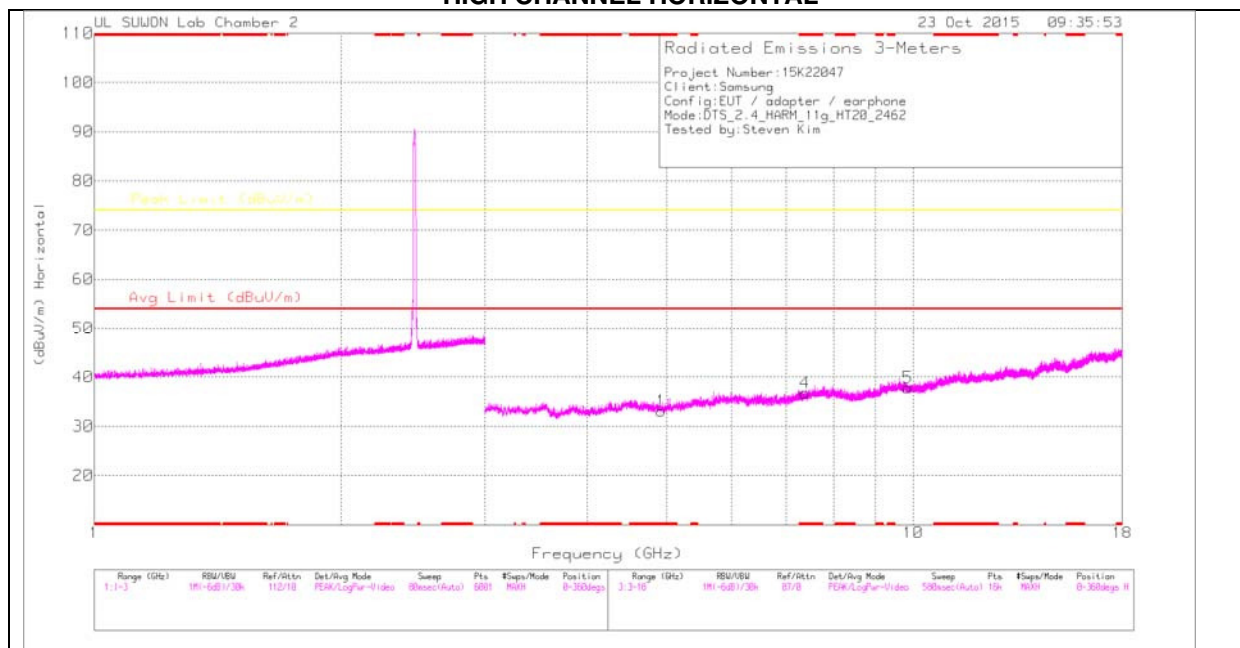
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.311	36.65	PK2	35.9	-22.6	0	49.95	-	-	74	-24.05	12	226	V
* 7.311	25	MAv1	35.9	-22.6	.3	38.6	54	-15.4	-	-	12	226	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

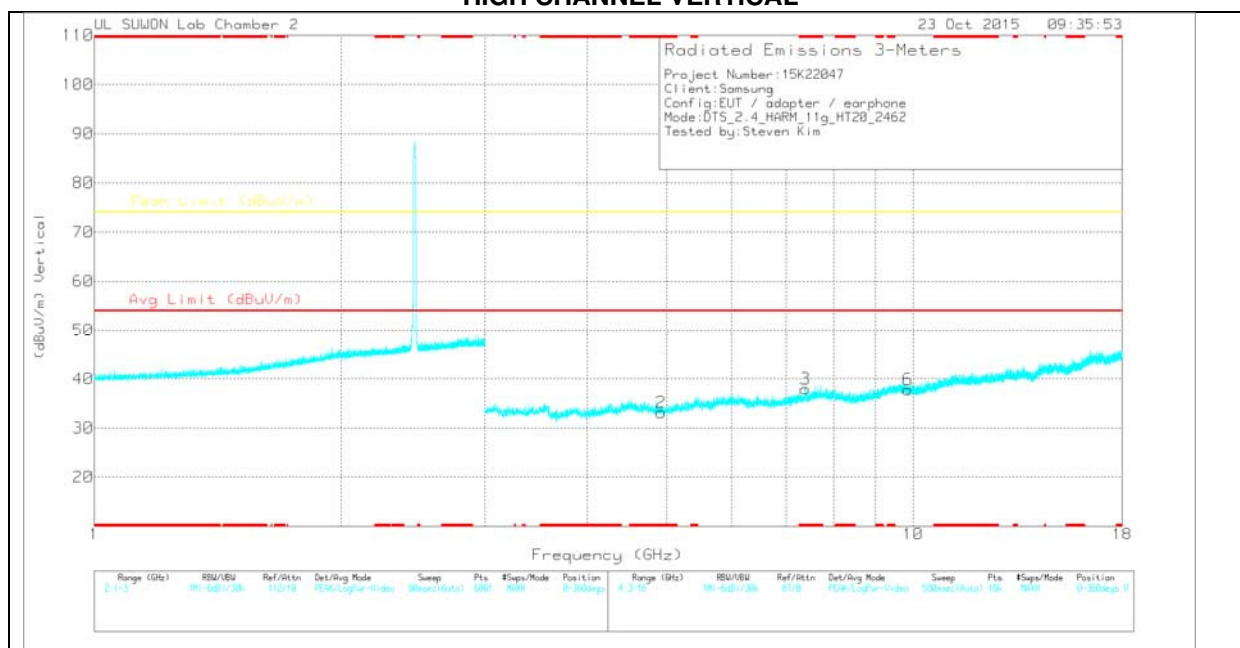
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL HORIZONTAL



HIGH 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.

HIGH CHANNEL DATA

Trace Markers

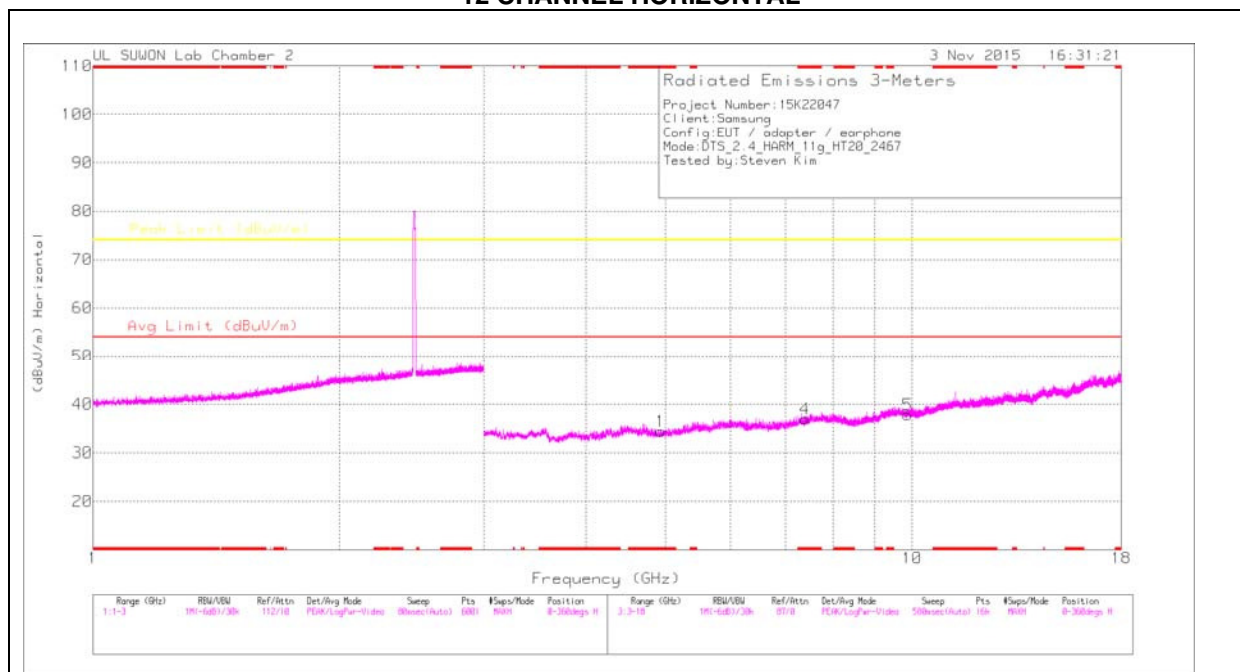
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.925	24.29	PK	33.9	-25.1	0	33.09	-	-	74	-40.91	0-360	100	H
4	* 7.383	23.07	PK	35.9	-22.2	0	36.77	-	-	74	-37.23	0-360	100	H
5	9.849	19.93	PK	37.1	-19.2	0	37.83	-	-	74	-36.17	0-360	100	H
2	* 4.925	24.36	PK	33.9	-25.1	0	33.16	-	-	74	-40.84	0-360	100	V
3	* 7.386	24.27	PK	35.9	-22.2	0	37.97	-	-	74	-36.03	0-360	100	V
6	9.852	19.94	PK	37.1	-19.2	0	37.84	-	-	74	-36.16	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

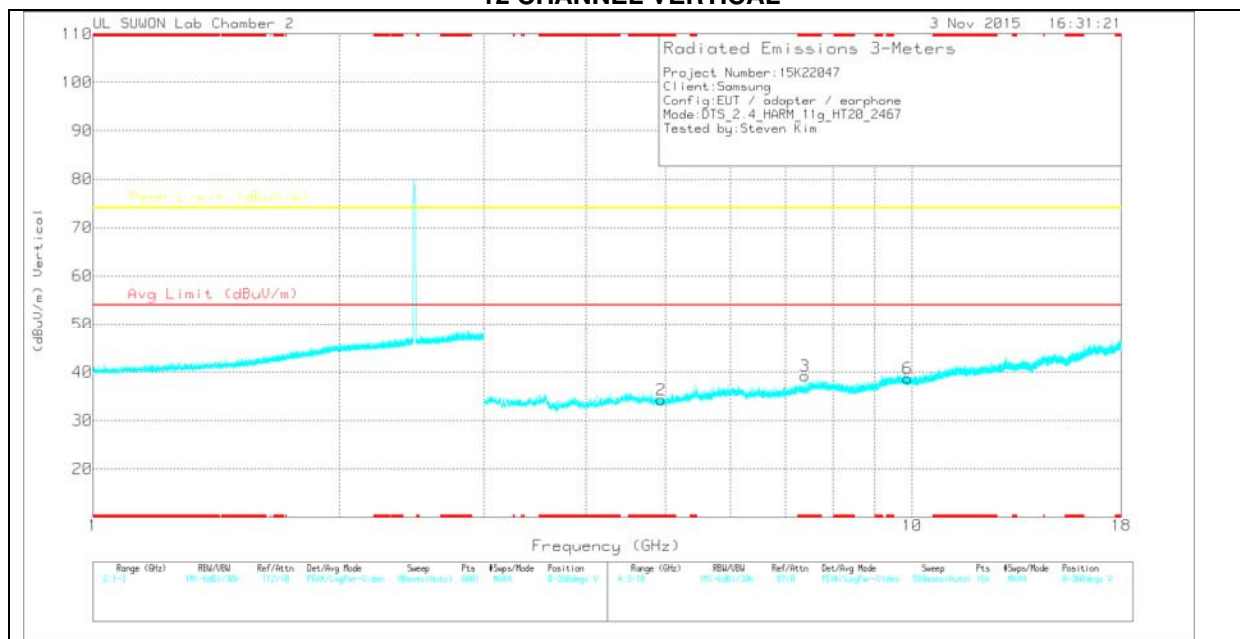
PK – Peak detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

12 CHANNEL HORIZONTAL



12 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.

12 CHANNEL DATA

Trace Markers

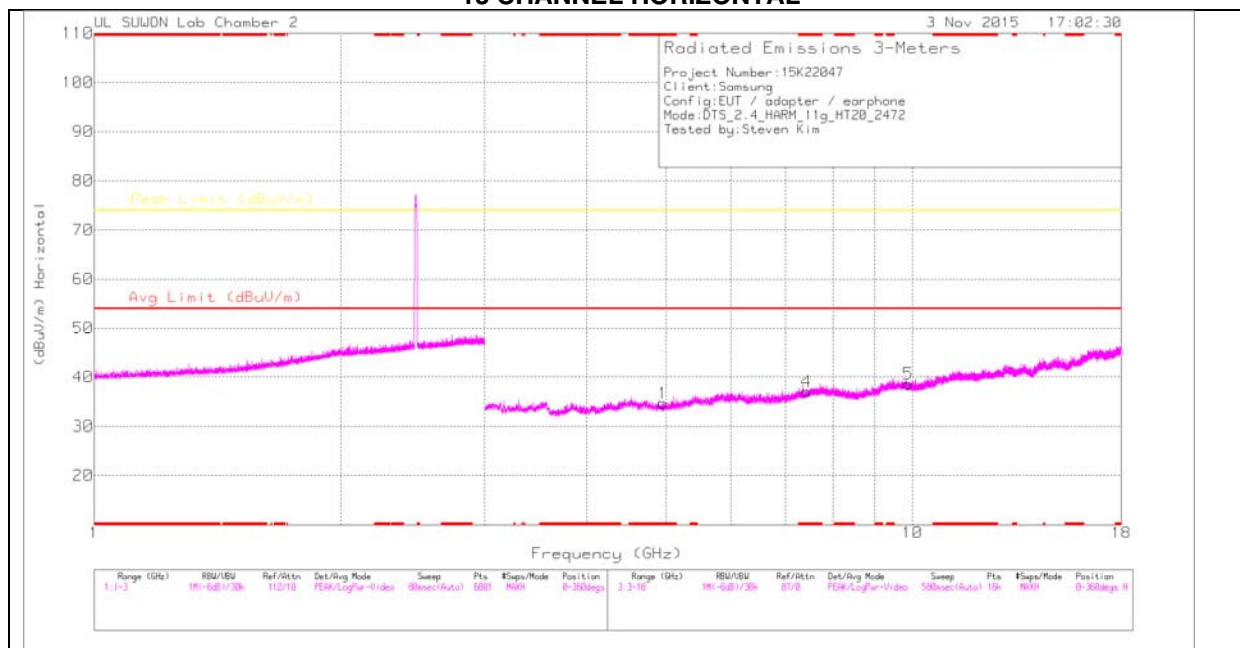
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.931	25.59	PK	33.9	-25.1	0	34.39	-	-	74	-39.61	0-360	200	H
4	* 7.401	23.09	PK	36	-22.1	0	36.99	-	-	74	-37.01	0-360	100	H
5	9.869	19.88	PK	37.1	-19.2	0	37.78	-	-	74	-36.22	0-360	100	H
2	* 4.936	25.54	PK	33.9	-25.1	0	34.34	-	-	74	-39.66	0-360	200	V
3	* 7.4	25.32	PK	36	-22.1	0	39.22	-	-	74	-34.78	0-360	100	V
6	9.873	20.87	PK	37.1	-19.2	0	38.77	-	-	74	-35.23	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

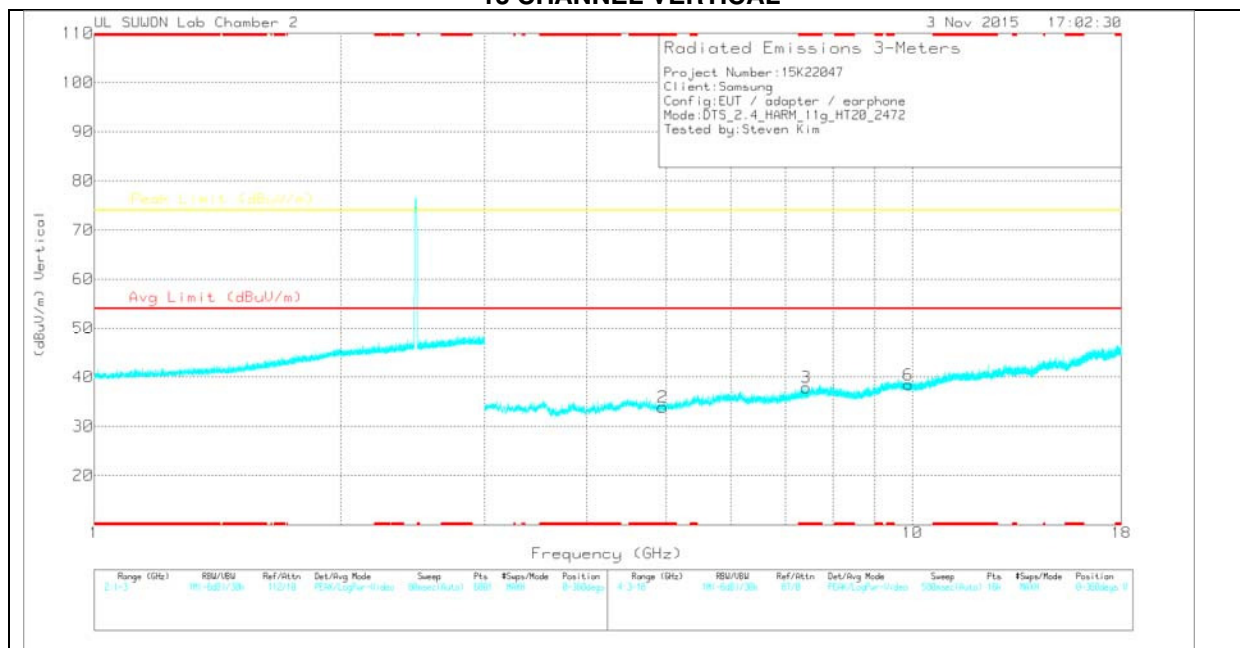
PK – Peak detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

13 CHANNEL HORIZONTAL



13 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.

13 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	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	* 4.956	25.78	PK	33.9	-25	0	34.68	-	-	74	-39.32	0-360	100	H
4	* 7.424	23.14	PK	36	-22.1	0	37.04	-	-	74	-36.96	0-360	200	H
5	9.886	20.7	PK	37.1	-19.2	0	38.6	-	-	74	-35.4	0-360	200	H
2	* 4.955	25	PK	33.9	-25	0	33.9	-	-	74	-40.1	0-360	200	V
3	* 7.415	23.99	PK	36	-22.1	0	37.89	-	-	74	-36.11	0-360	100	V
6	9.89	20.54	PK	37.1	-19.2	0	38.44	-	-	74	-35.56	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

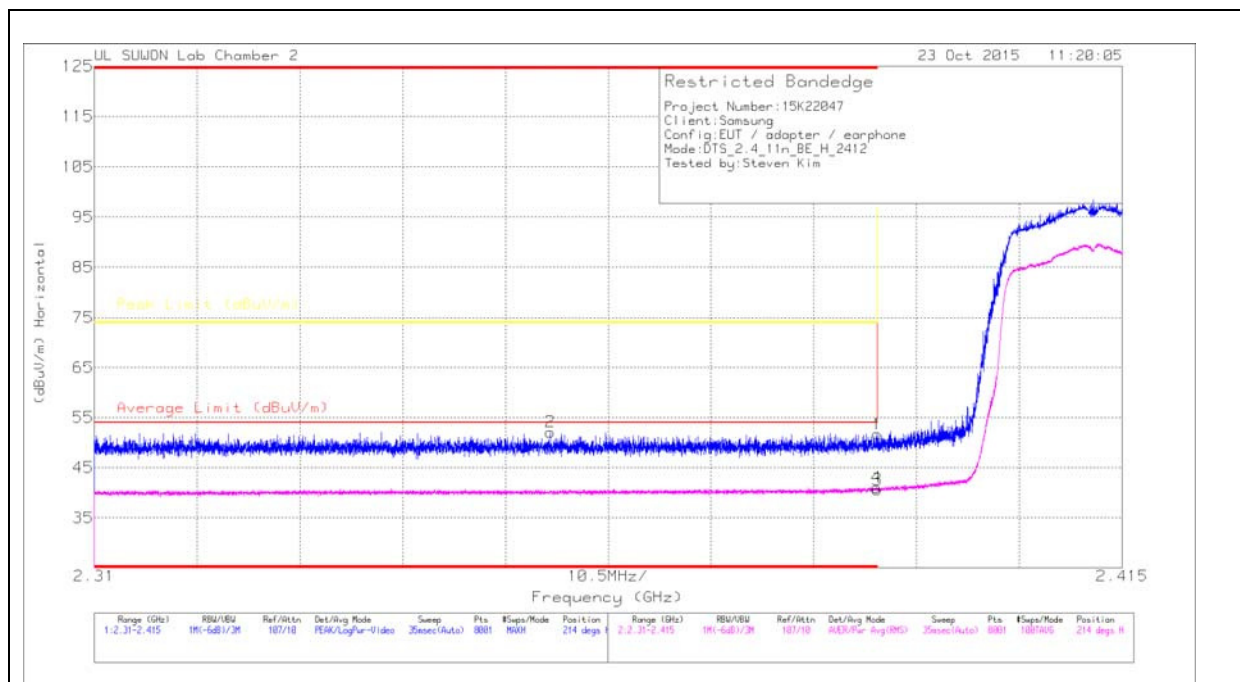
PK – Peak detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

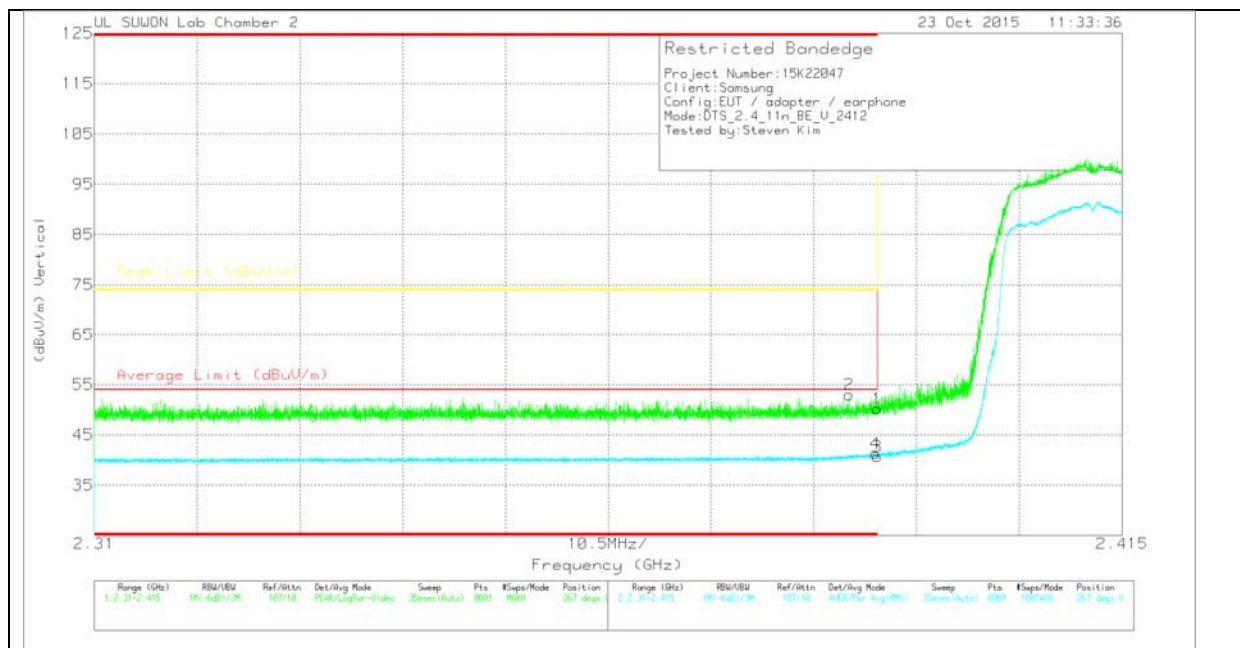
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	39.47	Pk	31.7	-19.5	0	51.67	-	-	74	-22.33	214	293	H
2	* 2.357	40.02	Pk	31.7	-19.6	0	52.12	-	-	74	-21.88	214	293	H
3	* 2.39	28.14	RMS	31.7	-19.5	.33	40.67	54	-13.33	-	-	214	293	H
4	* 2.39	28.53	RMS	31.7	-19.5	.33	41.06	54	-12.94	-	-	214	293	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	38.02	Pk	31.7	-19.5	0	50.22	-	-	74	-23.78	267	272	V
2	* 2.387	40.79	Pk	31.7	-19.5	0	52.99	-	-	74	-21.01	267	272	V
3	* 2.39	28.22	RMS	31.7	-19.5	.33	40.75	54	-13.25	-	-	267	272	V
4	* 2.39	28.83	RMS	31.7	-19.5	.33	41.36	54	-12.64	-	-	267	272	V

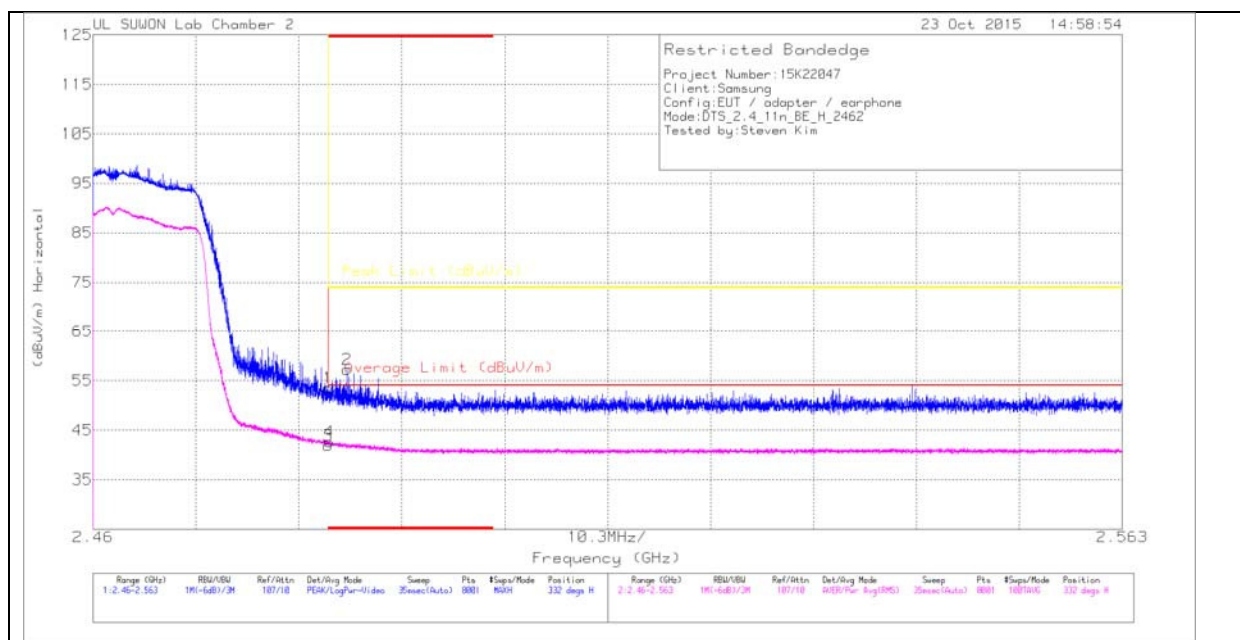
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

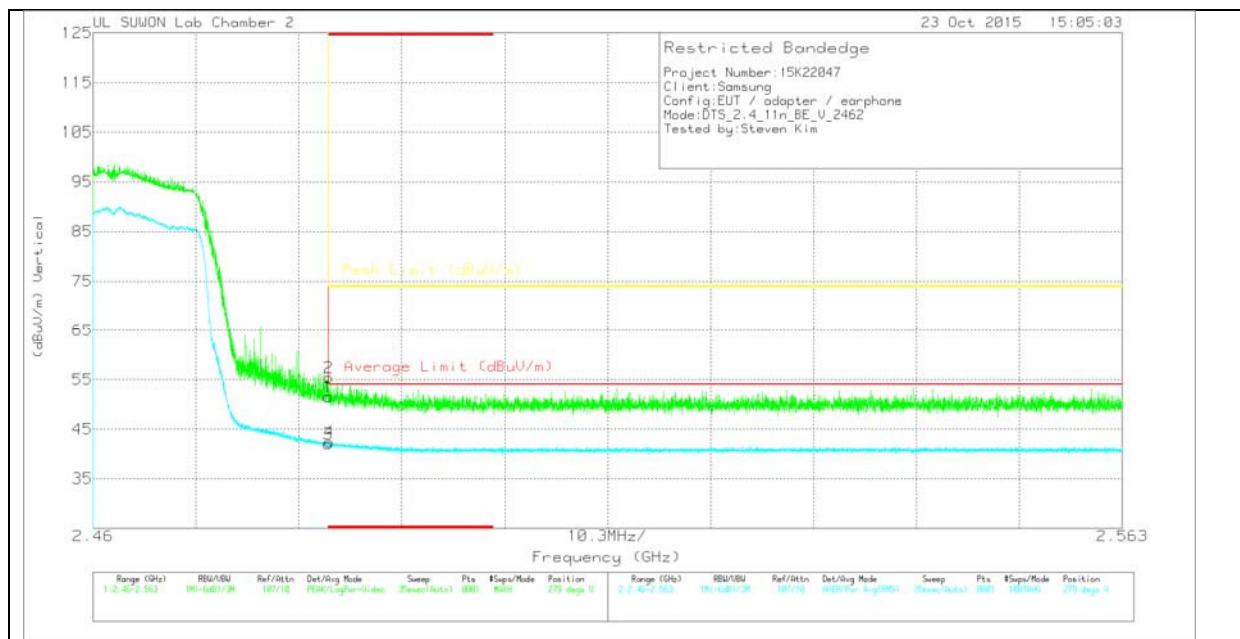
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	41.12	Pk	31.8	-19.4	0	53.52	-	-	74	-20.48	332	281	H
2	* 2.485	44.82	Pk	31.8	-19.4	0	57.22	-	-	74	-16.78	332	281	H
3	* 2.484	29.18	RMS	31.8	-19.4	.33	41.91	54	-12.09	-	-	332	281	H
4	* 2.484	29.98	RMS	31.8	-19.4	.33	42.71	54	-11.29	-	-	332	281	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	39.14	Pk	31.8	-19.4	0	51.54	-	-	74	-22.46	279	258	V
2	* 2.484	43.03	Pk	31.8	-19.4	0	55.43	-	-	74	-18.57	279	258	V
3	* 2.484	29.34	RMS	31.8	-19.4	.33	42.07	54	-11.93	-	-	279	258	V
4	* 2.484	29.73	RMS	31.8	-19.4	.33	42.46	54	-11.54	-	-	279	258	V

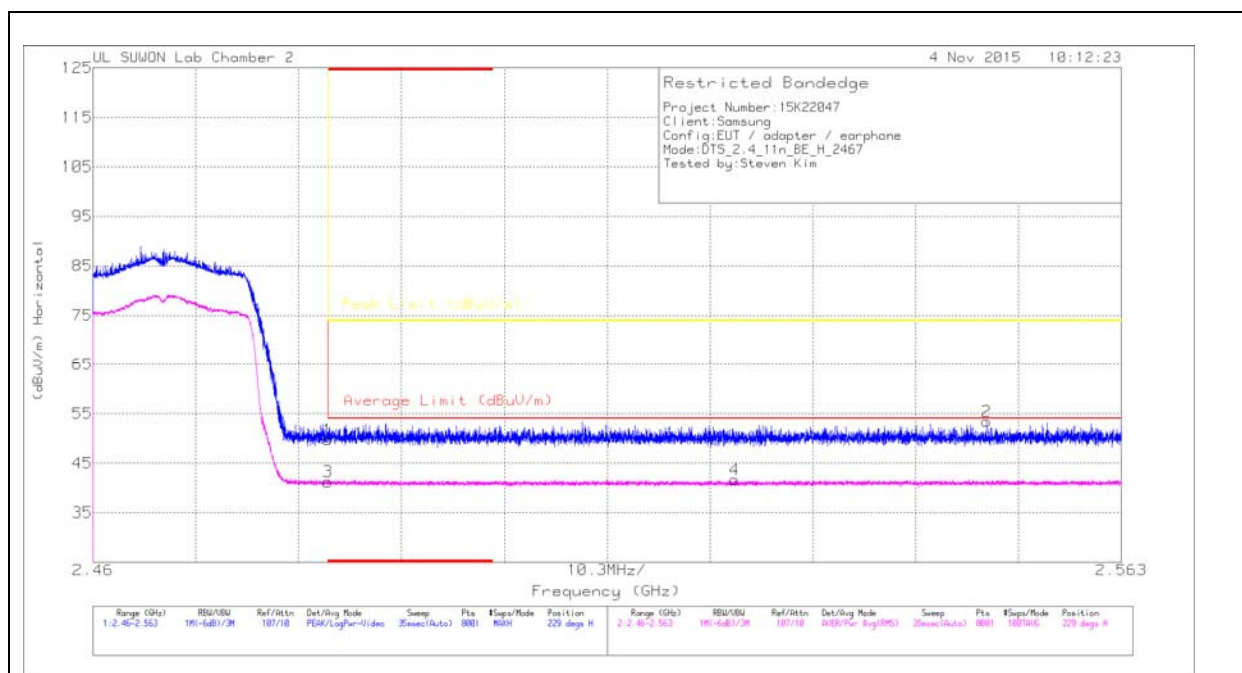
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

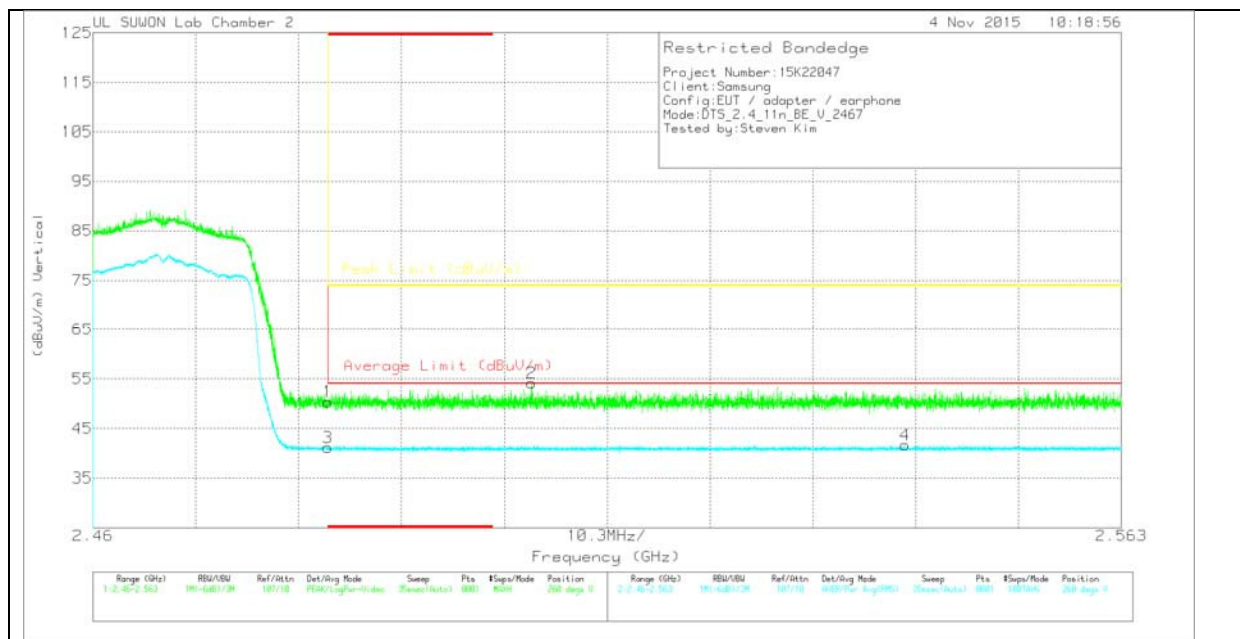
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	37.3	Pk	31.8	-19.4	0	49.7	-	-	74	-24.3	229	267	H
2	2.549	40.83	Pk	31.9	-19.3	0	53.43	-	-	74	-20.57	229	267	H
3	* 2.484	28.51	RMS	31.8	-19.4	.33	41.24	54	-12.76	-	-	229	267	H
4	2.524	28.75	RMS	31.9	-19.3	.33	41.68	54	-12.32	-	-	229	267	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	37.99	Pk	31.8	-19.4	0	50.39	-	-	74	-23.61	260	261	V
2	2.504	41.55	Pk	31.9	-19.3	0	54.15	-	-	74	-19.85	260	261	V
3	* 2.484	28.49	RMS	31.8	-19.4	.33	41.22	54	-12.78	-	-	260	261	V
4	2.541	28.74	RMS	31.9	-19.3	.33	41.67	54	-12.33	-	-	260	261	V

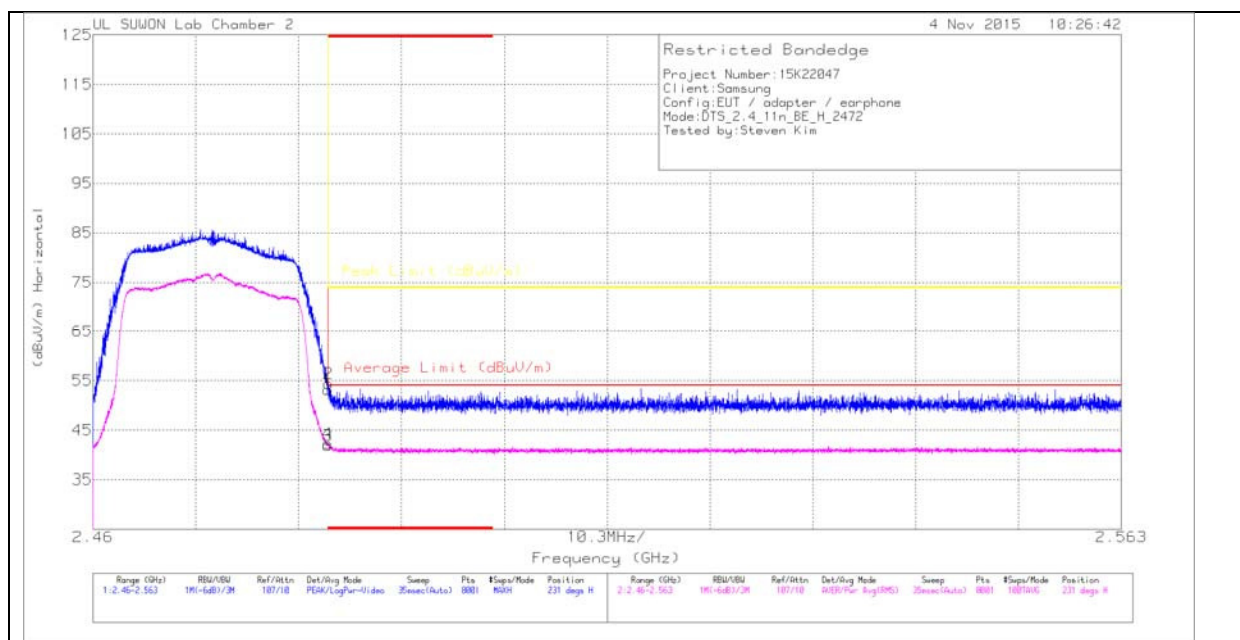
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

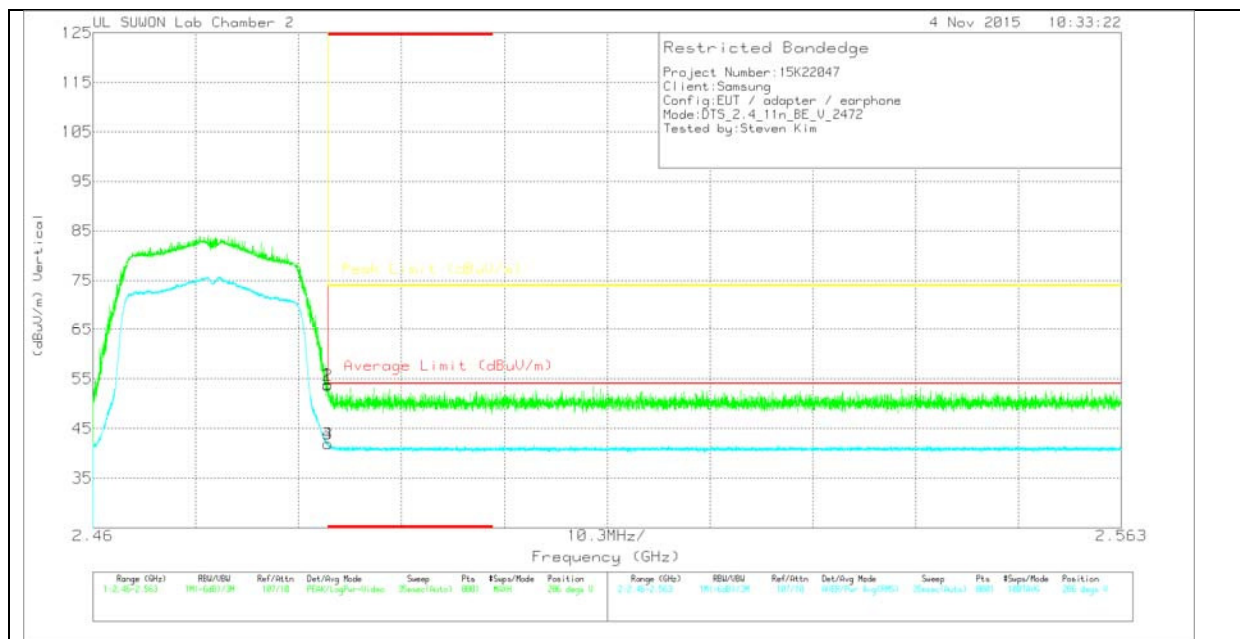
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	40.79	Pk	31.8	-19.4	0	53.19	-	-	74	-20.81	231	327	H
2	* 2.484	41.99	Pk	31.8	-19.4	0	54.39	-	-	74	-19.61	231	327	H
3	* 2.484	29.13	RMS	31.8	-19.4	.33	41.86	54	-12.14	-	-	231	327	H
4	* 2.484	29.54	RMS	31.8	-19.4	.33	42.27	54	-11.73	-	-	231	327	H

* - indicates frequency in CFR15.205/IC7.2.2 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(001687 24)_150619	Path_2_10dB	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	41.51	Pk	31.8	-19.4	0	53.91	-	-	74	-20.09	286	250	V
2	* 2.484	41.32	Pk	31.8	-19.4	0	53.72	-	-	74	-20.28	286	250	V
3	* 2.484	29.19	RMS	31.8	-19.4	.33	41.92	54	-12.08	-	-	286	250	V
4	* 2.484	29.15	RMS	31.8	-19.4	.33	41.88	54	-12.12	-	-	286	250	V

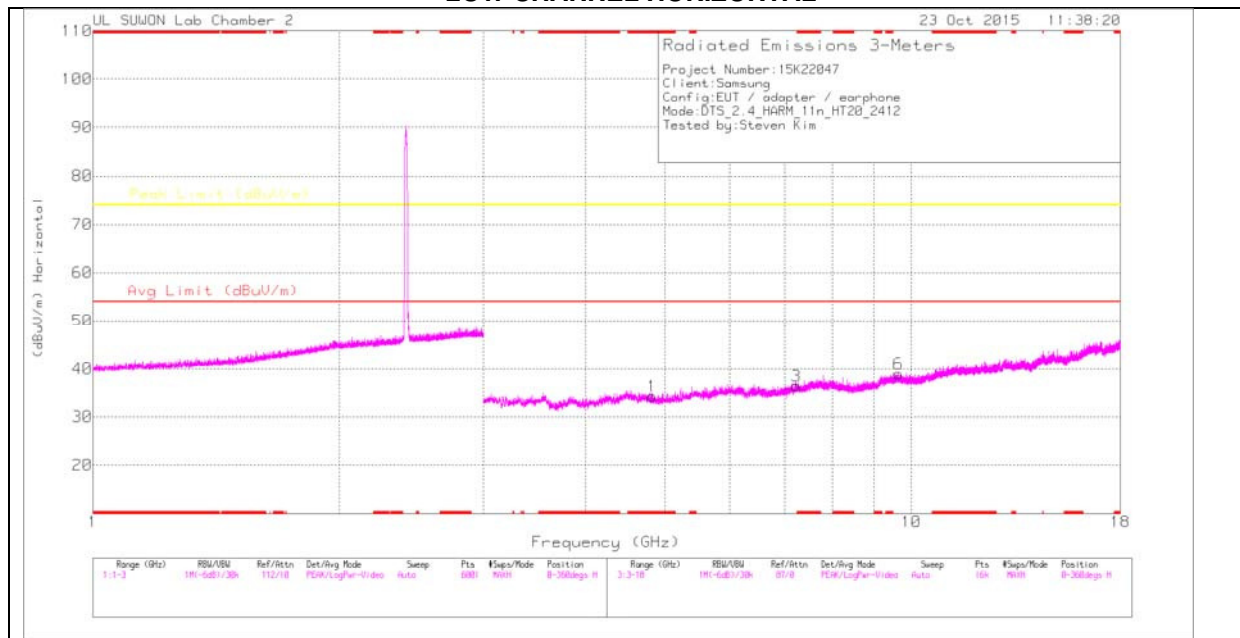
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

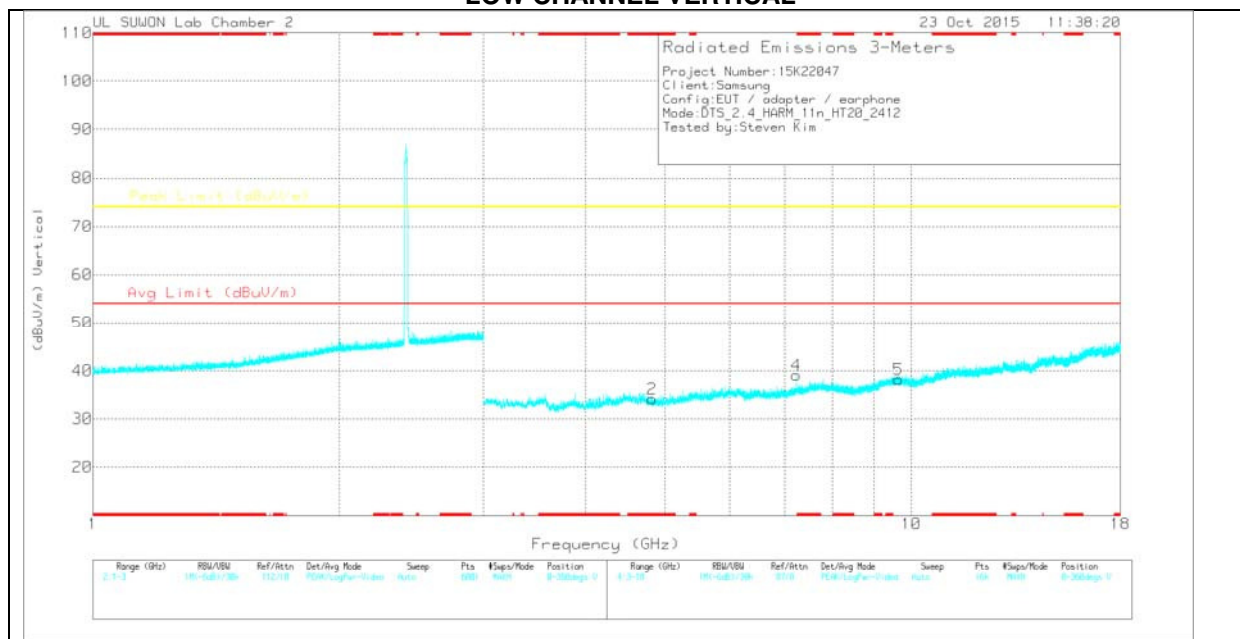
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW 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.

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	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	25.7	PK	33.9	-25.3	0	34.3	-	-	74	-39.7	0-360	200	H
3	7.235	23.65	PK	35.8	-23	0	36.45	-	-	74	-37.55	0-360	200	H
6	9.647	21.13	PK	36.9	-19	0	39.03	-	-	74	-34.97	0-360	200	H
2	* 4.821	25.57	PK	33.9	-25.3	0	34.17	-	-	74	-39.83	0-360	200	V
4	7.235	26.29	PK	35.8	-23	0	39.09	-	-	74	-34.91	0-360	200	V
5	9.648	20.34	PK	36.9	-19	0	38.24	-	-	74	-35.76	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

Radiated Emissions

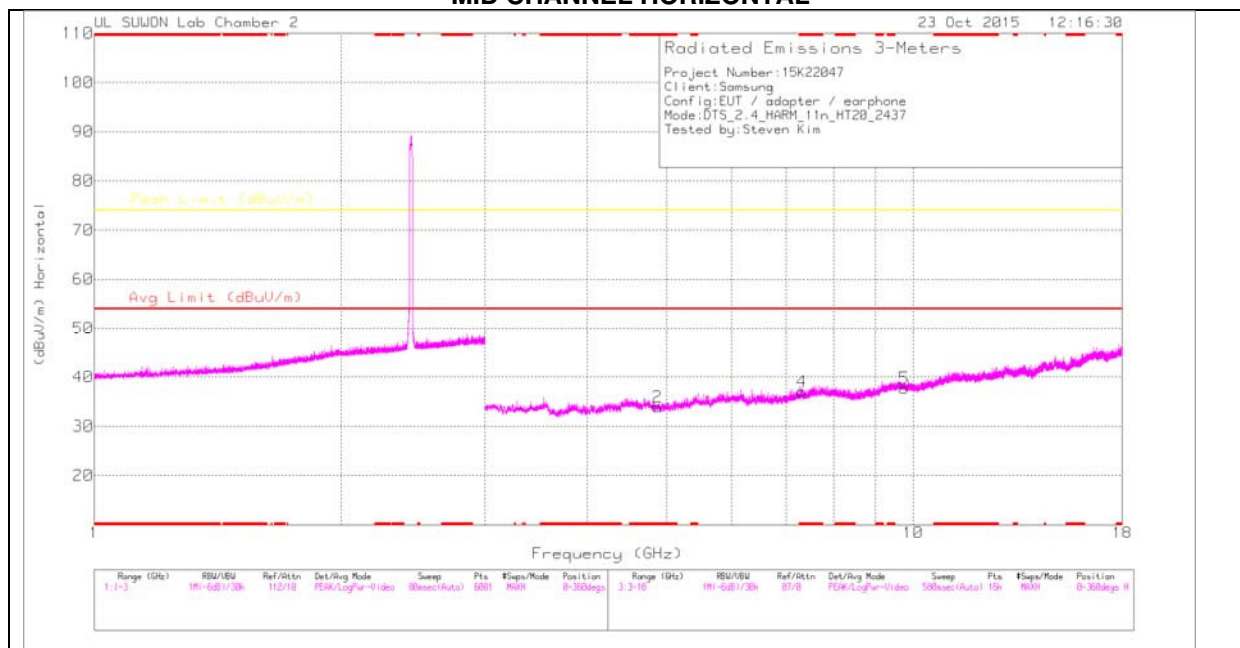
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.236	36.78	PK2	35.8	-23	0	49.58	-	-	74	-24.42	346	328	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

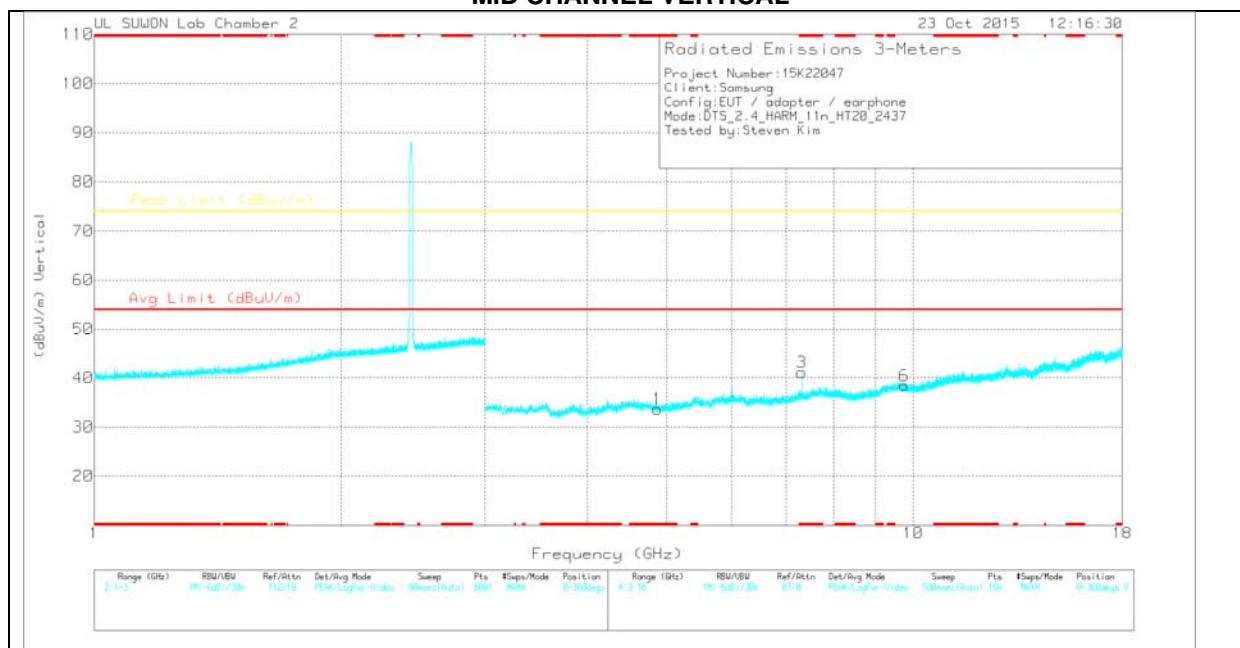
PK2 - KDB558074 Method: Maximum Peak

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

MID CHANNEL HORIZONTAL



MID 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.

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 4.873	25.22	PK	33.9	-25.2	0	33.92	-	-	74	-40.08	0-360	200	H
4	* 7.311	23.77	PK	35.9	-22.6	0	37.07	-	-	74	-36.93	0-360	200	H
5	9.748	20	PK	37	-19.3	0	37.7	-	-	74	-36.3	0-360	200	H
1	* 4.873	24.95	PK	33.9	-25.2	0	33.65	-	-	74	-40.35	0-360	100	V
3	* 7.31	27.81	PK	35.9	-22.6	0	41.11	-	-	74	-32.89	0-360	200	V
6	9.748	20.7	PK	37	-19.3	0	38.4	-	-	74	-35.6	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

Radiated Emissions

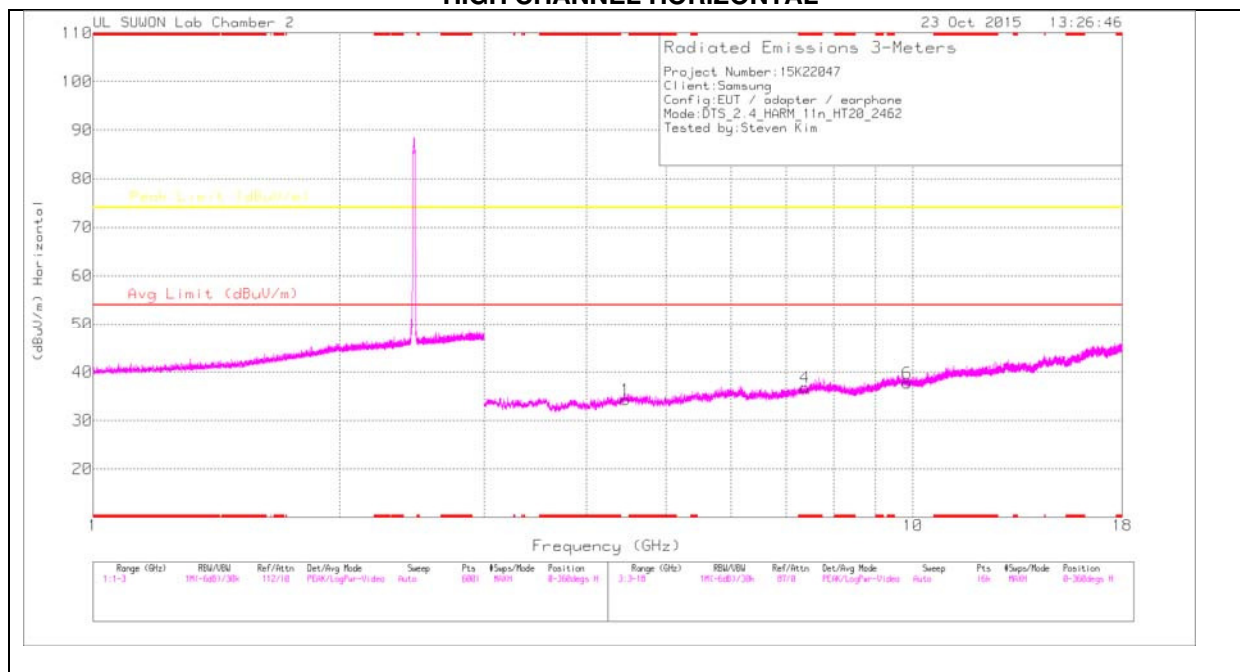
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.309	37.18	PK2	35.9	-22.6	0	50.48	-	-	74	-23.52	351	320	V
* 7.311	24.31	MAv1	35.9	-22.6	.33	37.94	54	-16.06	-	-	351	320	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

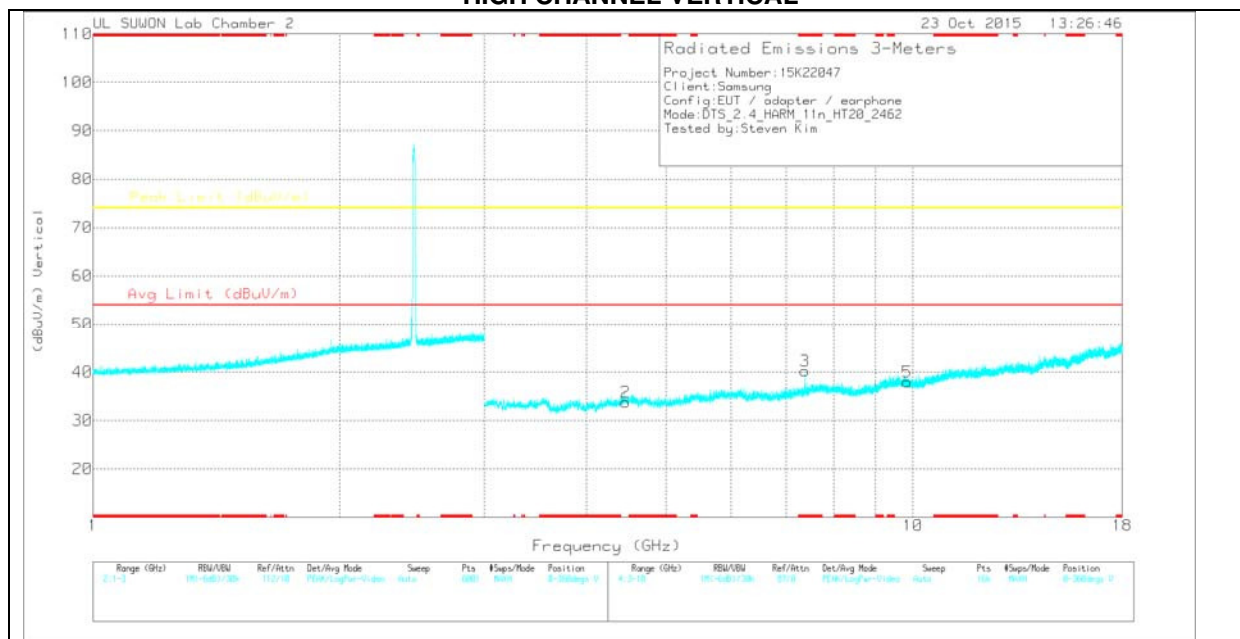
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

HIGH CHANNEL HORIZONTAL



HIGH 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.

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	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	4.463	26.18	PK	33.7	-25.6	0	34.28	-	-	74	-39.72	0-360	200	H
4	* 7.385	23.12	PK	35.9	-22.2	0	36.82	-	-	74	-37.18	0-360	200	H
6	9.847	19.85	PK	37.1	-19.2	0	37.75	-	-	74	-36.25	0-360	200	H
2	4.463	25.69	PK	33.7	-25.6	0	33.79	-	-	74	-40.21	0-360	100	V
3	* 7.385	26.51	PK	35.9	-22.2	0	40.21	-	-	74	-33.79	0-360	100	V
5	9.848	20.09	PK	37.1	-19.2	0	37.99	-	-	74	-36.01	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

Radiated Emissions

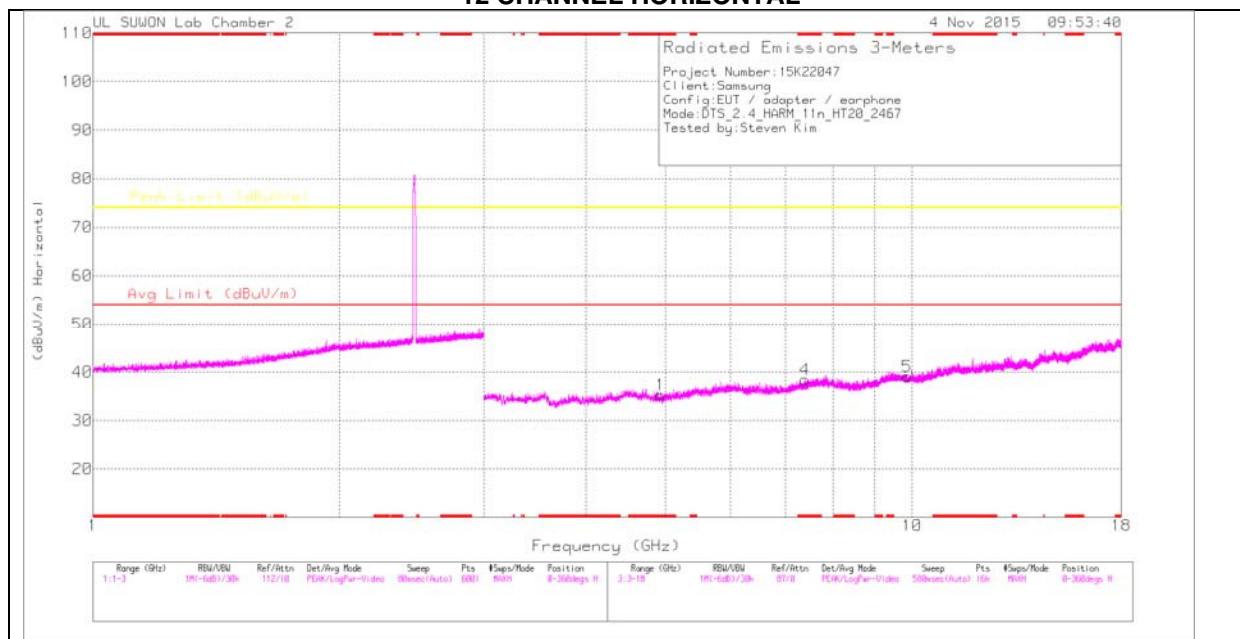
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.387	35.75	PK2	35.9	-22.2	0	49.45	-	-	74	-24.55	4	397	V
* 7.386	24.36	MAv1	35.9	-22.2	.33	38.39	54	-15.61	-	-	4	397	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

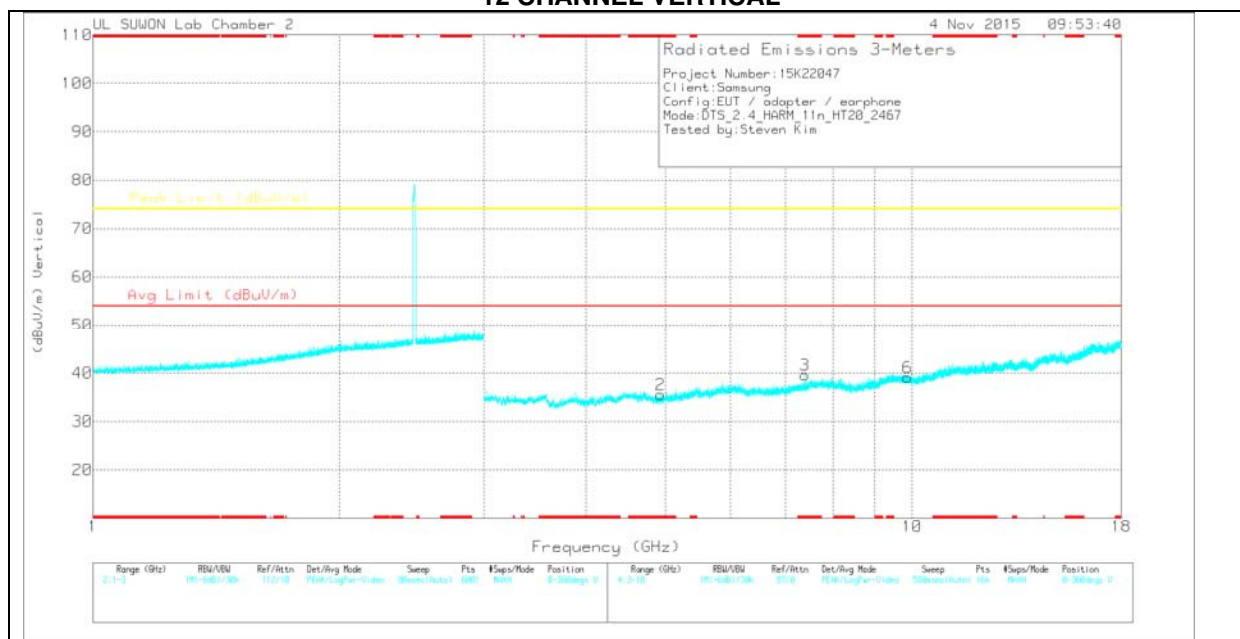
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

12 CHANNEL HORIZONTAL



12 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.

12 CHANNEL DATA

Trace Markers

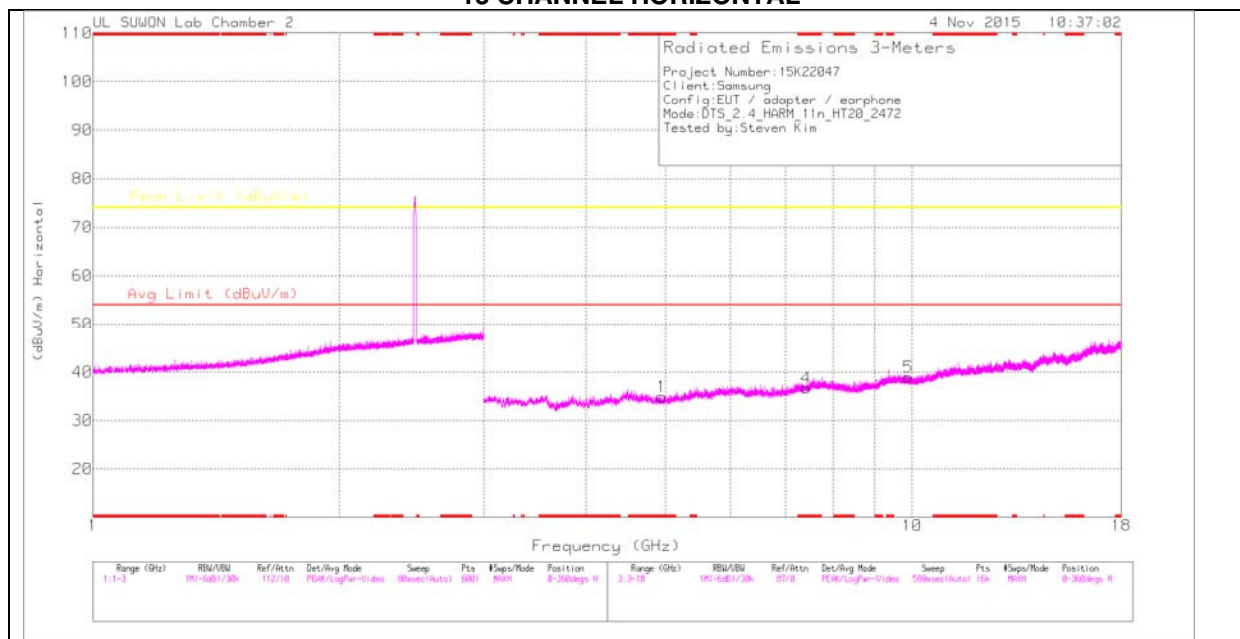
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.934	26.55	PK	33.9	-25.1	0	35.35	-	-	74	-38.65	0-360	200	H
4	* 7.4	24.6	PK	36	-22.1	0	38.5	-	-	74	-35.5	0-360	200	H
5	9.866	21.22	PK	37.1	-19.2	0	39.12	-	-	74	-34.88	0-360	200	H
2	* 4.932	26.78	PK	33.9	-25.1	0	35.58	-	-	74	-38.42	0-360	200	V
3	* 7.401	25.65	PK	36	-22.1	0	39.55	-	-	74	-34.45	0-360	100	V
6	9.871	21.18	PK	37.1	-19.2	0	39.08	-	-	74	-34.92	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

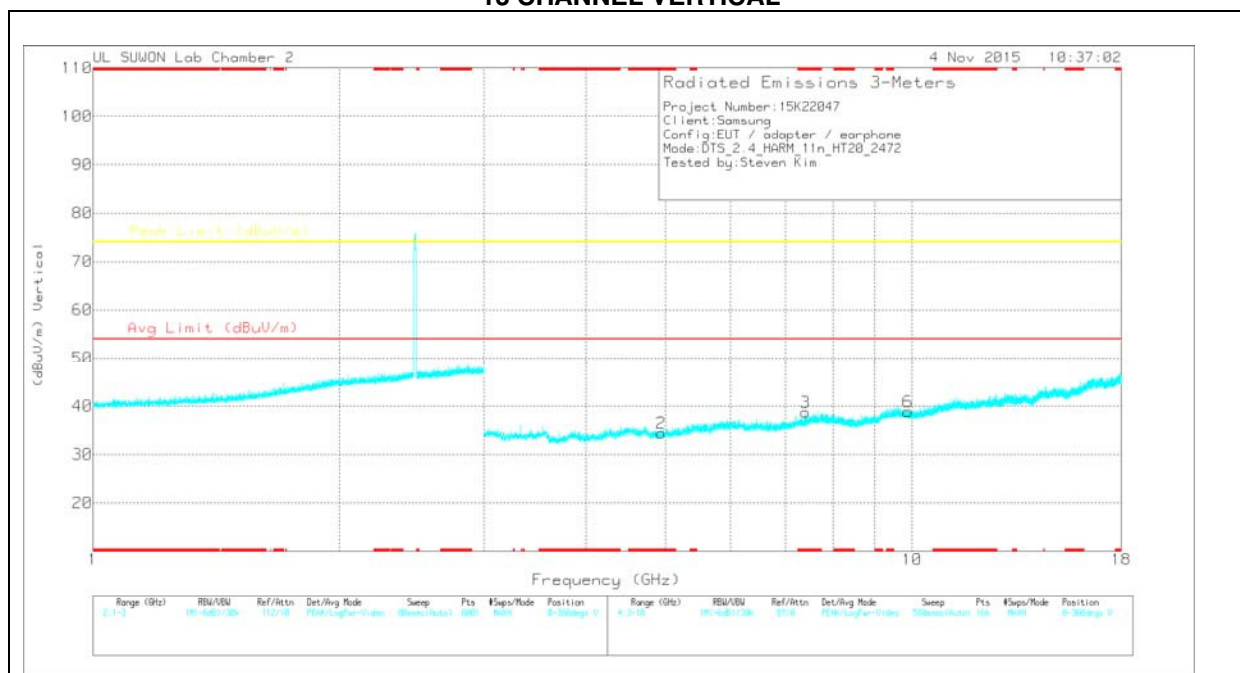
PK – Peak detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

13 CHANNEL HORIZONTAL



13 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.

13 CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	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	* 4.945	26.15	PK	33.9	-25.1	0	34.95	-	-	74	-39.05	0-360	200	H
4	* 7.421	22.79	PK	36	-22.1	0	36.69	-	-	74	-37.31	0-360	100	H
5	9.886	21.02	PK	37.1	-19.2	0	38.92	-	-	74	-35.08	0-360	200	H
2	* 4.942	25.63	PK	33.9	-25.1	0	34.43	-	-	74	-39.57	0-360	200	V
3	* 7.415	24.77	PK	36	-22.1	0	38.67	-	-	74	-35.33	0-360	100	V
6	9.884	20.98	PK	37.1	-19.2	0	38.88	-	-	74	-35.12	0-360	200	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

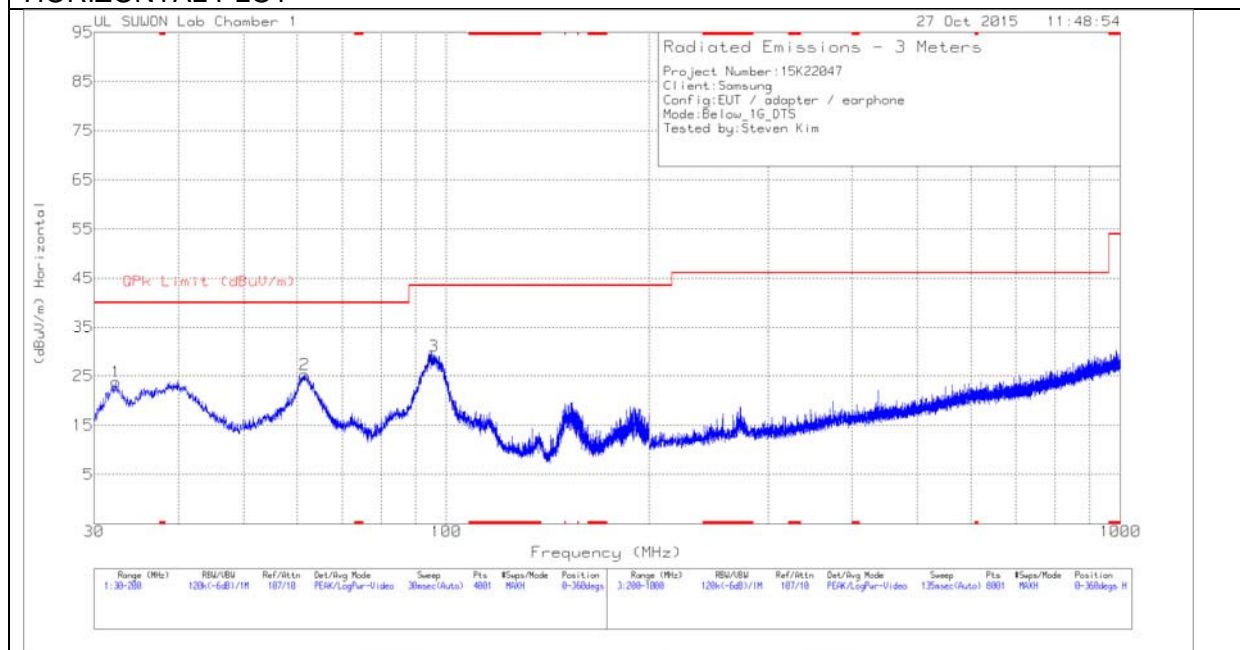
PK – Peak detector

Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3. WORST-CASE BELOW 1 GHz

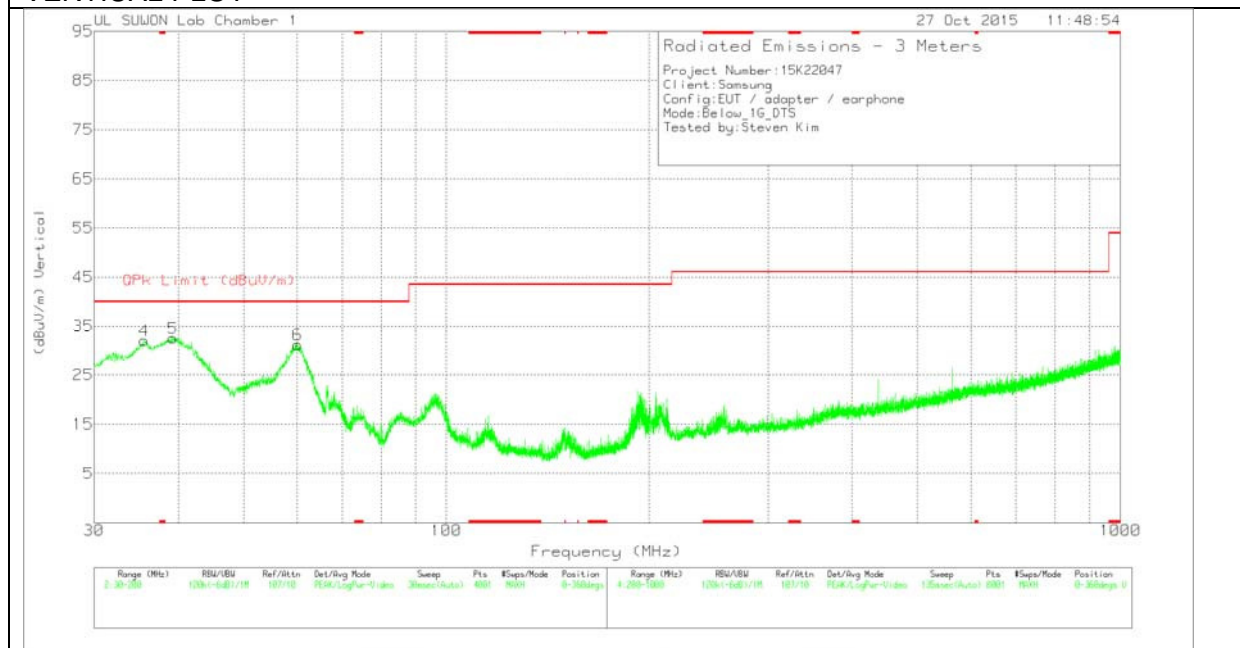
SPURIOUS EMISSIONS 30 TO 1000 MHz (WORST-CASE CONFIGURATION, HORIZONTAL)

HORIZONTAL PLOT



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

VERTICAL PLOT



Below 1G Data

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163-750	Bi-Log	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.3375	43.9	Pk	10.4	-30.5	23.8	40	-16.2	0-360	200	H
2	61.62	42.96	Pk	12.2	-29.9	25.26	40	-14.74	0-360	300	H
3	95.79	47.56	Pk	10.7	-29.3	28.96	43.52	-14.56	0-360	300	H
4	35.61	51.71	Pk	10.7	-30.4	32.01	40	-7.99	0-360	100	V
5	39.3075	50.61	Pk	12.2	-30.3	32.51	40	-7.49	0-360	100	V
6	60.1325	48.47	Pk	12.6	-29.9	31.17	40	-8.83	0-360	100	V

* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

12. 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 2009.

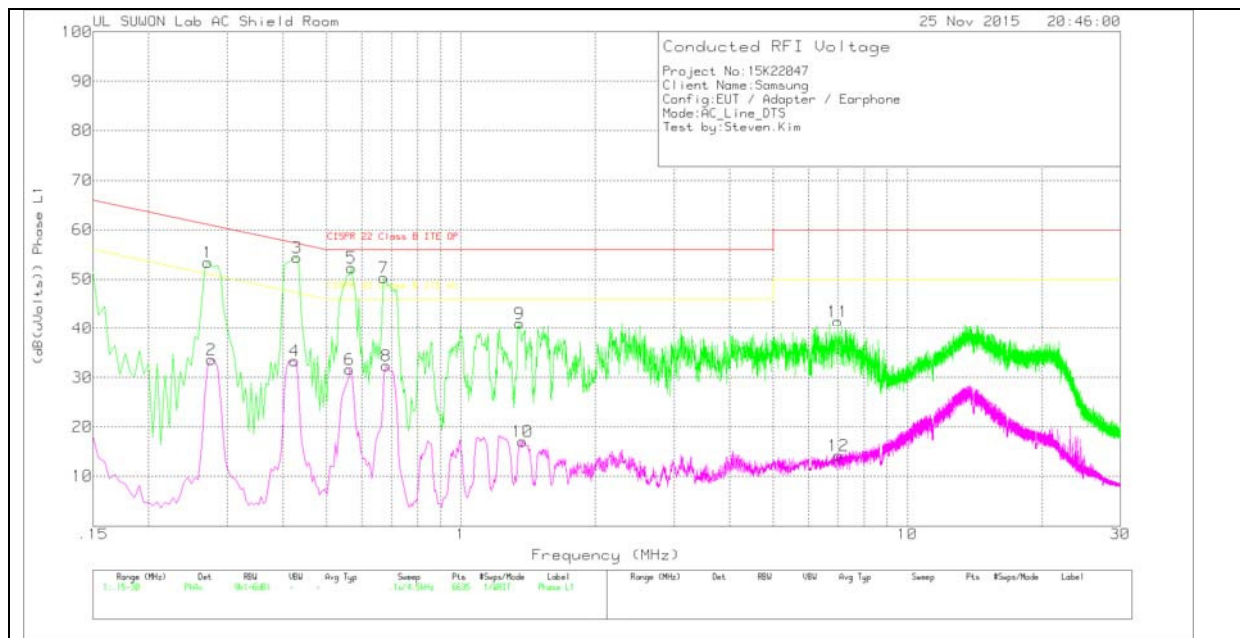
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

RESULTS

WORST EMISSIONS

LINE 1 PLOT



LINE 1 RESULTS

Trace Markers

Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_L1	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
1	.2715	43.61	Pk	9.8	0	53.41	61.07	-7.66	-	-
2	.276	23.87	Av	9.8	0	33.67	-	-	50.94	-17.27
3	.429	44.34	Pk	10.1	0	54.44	57.27	-2.83	-	-
4	.4245	23.21	Av	10.1	0	33.31	-	-	47.36	-14.05
5	.5685	42.25	Pk	10.1	0	52.35	56	-3.65	-	-
6	.564	21.52	Av	10.1	0	31.62	-	-	46	-14.38
7	.672	40.23	Pk	10.1	0	50.33	56	-5.67	-	-
8	.681	22.27	Av	10.1	0	32.37	-	-	46	-13.63
9	1.3515	31.12	Pk	9.8	.1	41.02	56	-14.98	-	-
10	1.374	7.16	Av	9.8	.1	17.06	-	-	46	-28.94
11	6.99	31.46	Pk	9.8	.1	41.36	60	-18.64	-	-
12	7.0035	4.24	Av	9.9	.1	14.24	-	-	50	-35.76

Pk - Peak detector

Av - Average detection

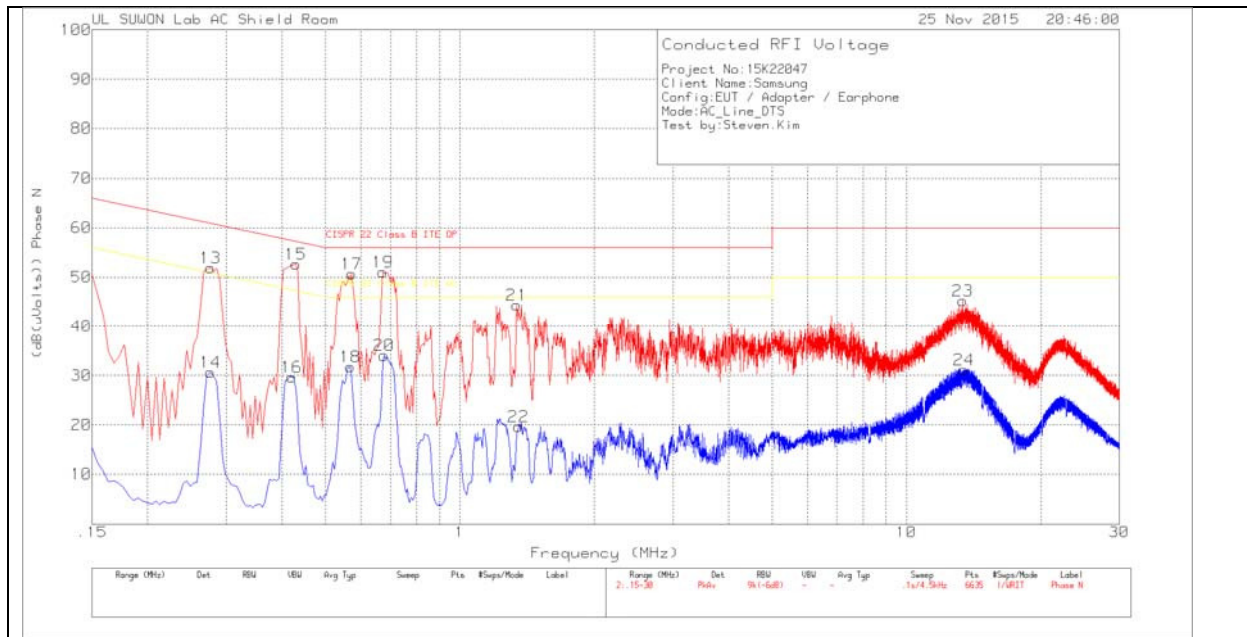
Quasi-Peak Emissions

Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_L1	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
.2751	38.15	Qp	9.8	0	47.95	60.96	-13.01	-	-
.4272	40.34	Qp	10.1	0	50.44	57.31	-6.87	-	-
.5658	37.93	Qp	10.1	0	48.03	56	-7.97	-	-
.672	36.36	Qp	10.1	0	46.46	56	-9.54	-	-
1.3497	22.02	Qp	9.8	.1	31.92	56	-24.08	-	-
6.9873	18.44	Qp	9.8	.1	28.34	60	-31.66	-	-

Qp - Quasi-Peak detector

LINE 2 PLOT



LINE 2 RESULTS

Trace Markers

Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_N	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
13	.276	42.16	Pk	9.8	0	51.96	60.94	-8.98	-	-
14	.276	20.88	Av	9.8	0	30.68	-	-	50.94	-20.26
15	.429	42.56	Pk	10.1	0	52.66	57.27	-4.61	-	-
16	.42	19.57	Av	10.1	0	29.67	-	-	47.45	-17.78
17	.573	40.54	Pk	10.1	0	50.64	56	-5.36	-	-
18	.5685	21.68	Av	10.1	0	31.78	-	-	46	-14.22
19	.672	41.02	Pk	10	0	51.02	56	-4.98	-	-
20	.6765	24.05	Av	10	0	34.05	-	-	46	-11.95
21	1.3425	34.43	Pk	9.8	.1	44.33	56	-11.67	-	-
22	1.3515	9.75	Av	9.8	.1	19.65	-	-	46	-26.35
23	13.3845	34.85	Pk	10.2	.2	45.25	60	-14.75	-	-
24	13.4565	20.79	Av	10.2	.2	31.19	-	-	50	-18.81

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_w ith ex-cord_N	CE Shield Room	Corrected Reading (dB(uVolts))	CISPR 22 Class B ITE QP	Margin (dB)	CISPR 22 Class B ITE AV	Margin (dB)
.2715	38.6	Qp	9.8	0	48.4	61.07	-12.67	-	-
.4245	38.75	Qp	10.1	0	48.85	57.36	-8.51	-	-
.5712	35.41	Qp	10.1	0	45.51	56	-10.49	-	-
.6729	36.68	Qp	10	0	46.68	56	-9.32	-	-
1.347	24.61	Qp	9.8	.1	34.51	56	-21.49	-	-
13.38	23.94	Qp	10.2	.2	34.34	60	-25.66	-	-

Qp - Quasi-Peak detector