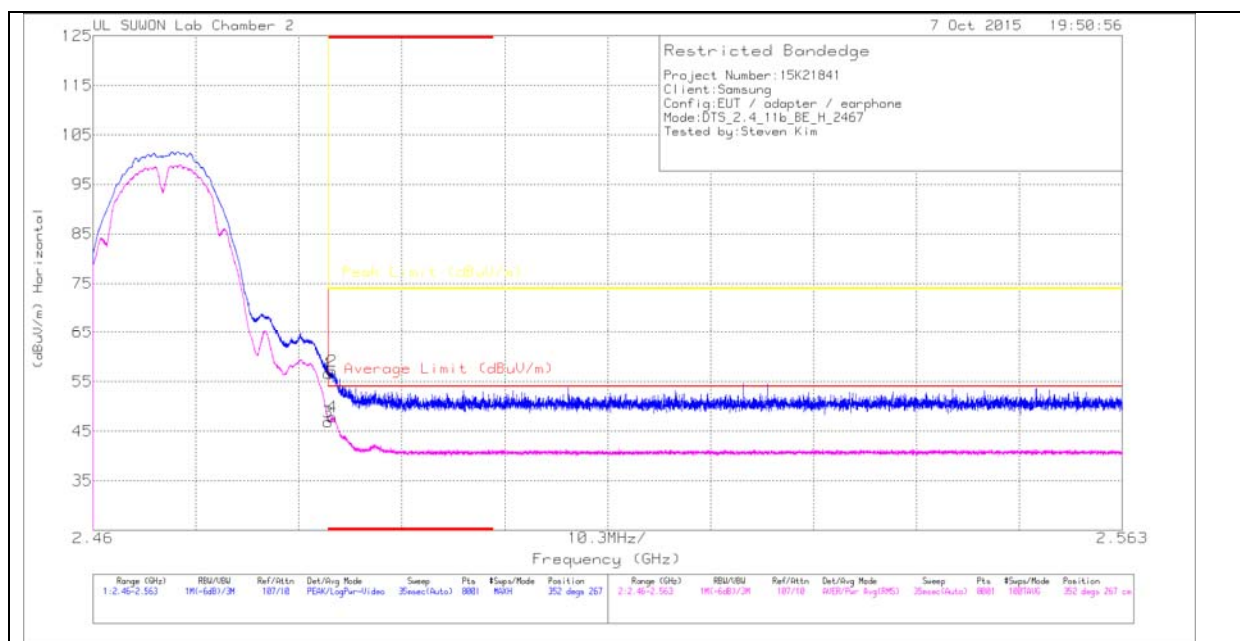


AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

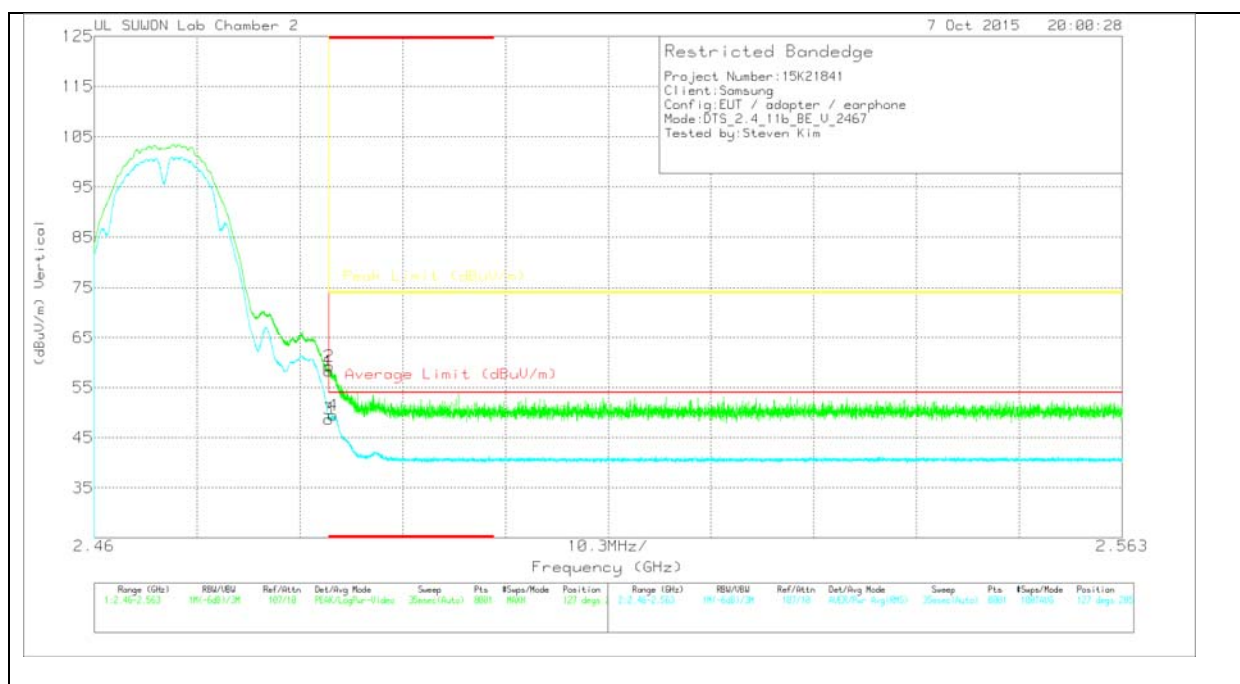
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.27	Pk	31.8	-19.4	0	56.67	-	-	74	-17.33	352	267	H
2	* 2.484	44.78	Pk	31.8	-19.4	0	57.18	-	-	74	-16.82	352	267	H
3	* 2.484	34.51	RMS	31.8	-19.4	0	46.91	54	-7.09	-	-	352	267	H
4	* 2.484	35.5	RMS	31.8	-19.4	0	47.9	54	-6.1	-	-	352	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	45.85	Pk	31.8	-19.4	0	58.25	-	-	74	-15.75	127	285	V
2	* 2.484	46.86	Pk	31.8	-19.4	0	59.26	-	-	74	-14.74	127	285	V
3	* 2.484	36.32	RMS	31.8	-19.4	0	48.72	54	-5.28	-	-	127	285	V
4	* 2.484	37.09	RMS	31.8	-19.4	0	49.49	54	-4.51	-	-	127	285	V

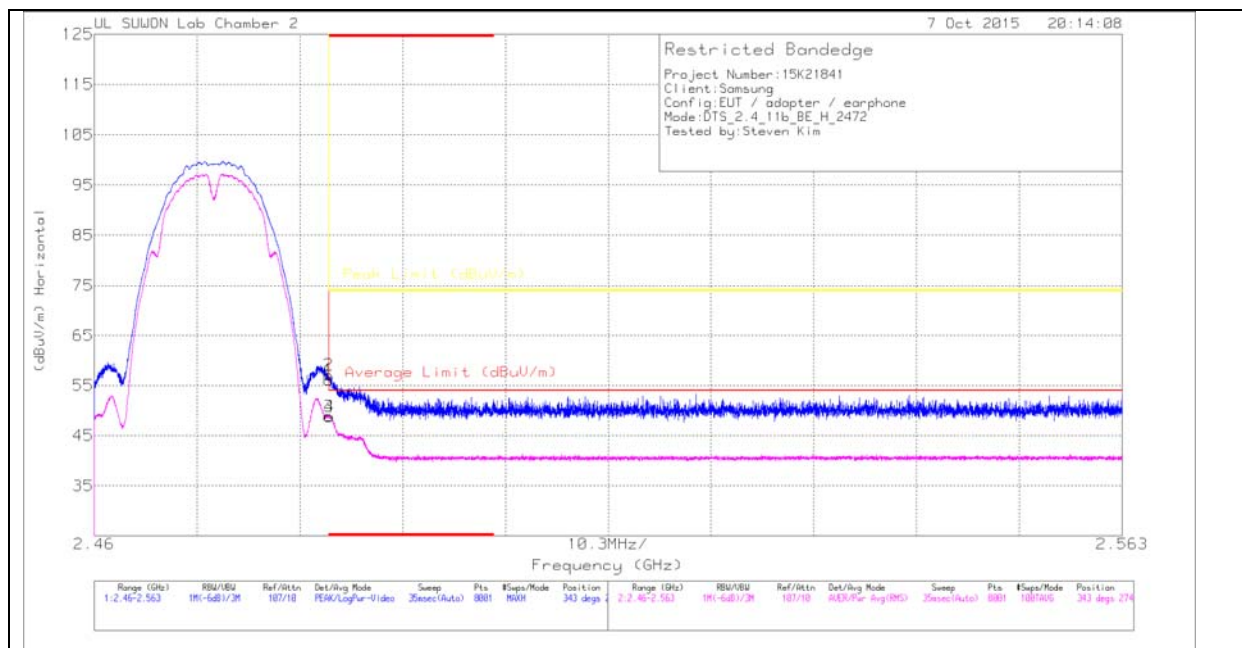
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

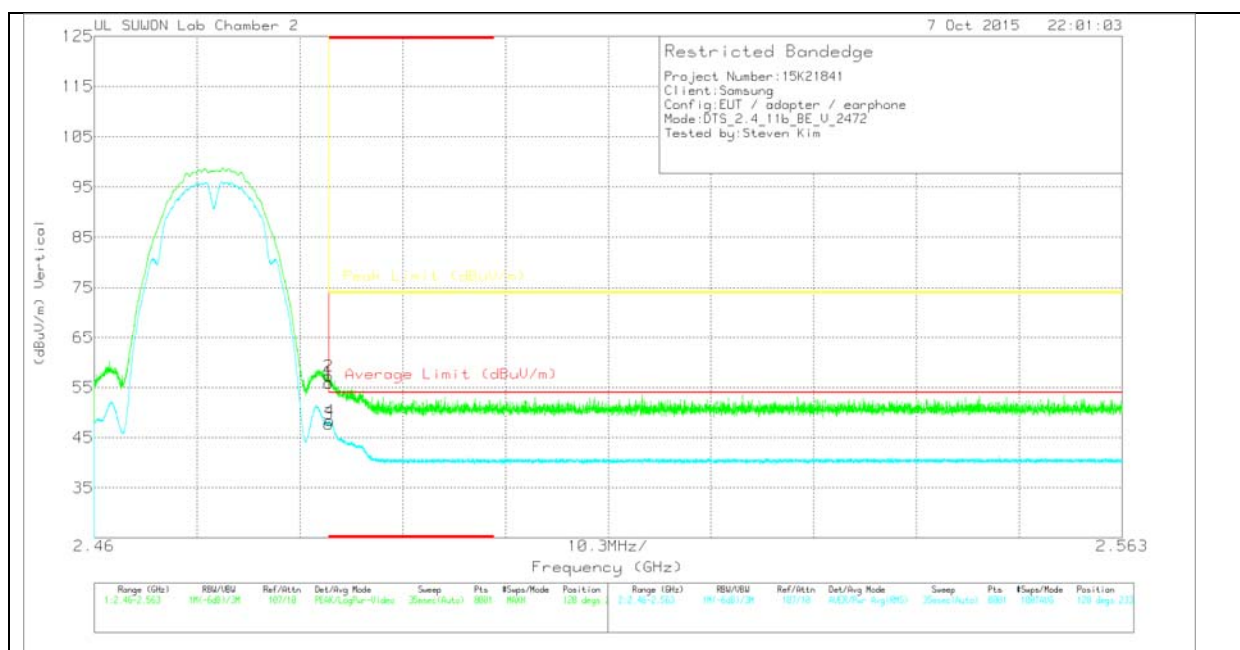
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117001687 24_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	43.71	Pk	31.8	-19.4	0	56.11	-	-	74	-17.89	343	274	H
2	* 2.484	44.7	Pk	31.8	-19.4	0	57.1	-	-	74	-16.9	343	274	H
3	* 2.484	36.48	RMS	31.8	-19.4	0	48.88	54	-5.12	-	-	343	274	H
4	* 2.484	36.41	RMS	31.8	-19.4	0	48.81	54	-5.19	-	-	343	274	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	43.51	Pk	31.8	-19.4	0	55.91	-	-	74	-18.09	128	233	V
2	* 2.484	44.9	Pk	31.8	-19.4	0	57.3	-	-	74	-16.7	128	233	V
3	* 2.484	35.37	RMS	31.8	-19.4	0	47.77	54	-6.23	-	-	128	233	V
4	* 2.484	36.01	RMS	31.8	-19.4	0	48.41	54	-5.59	-	-	128	233	V

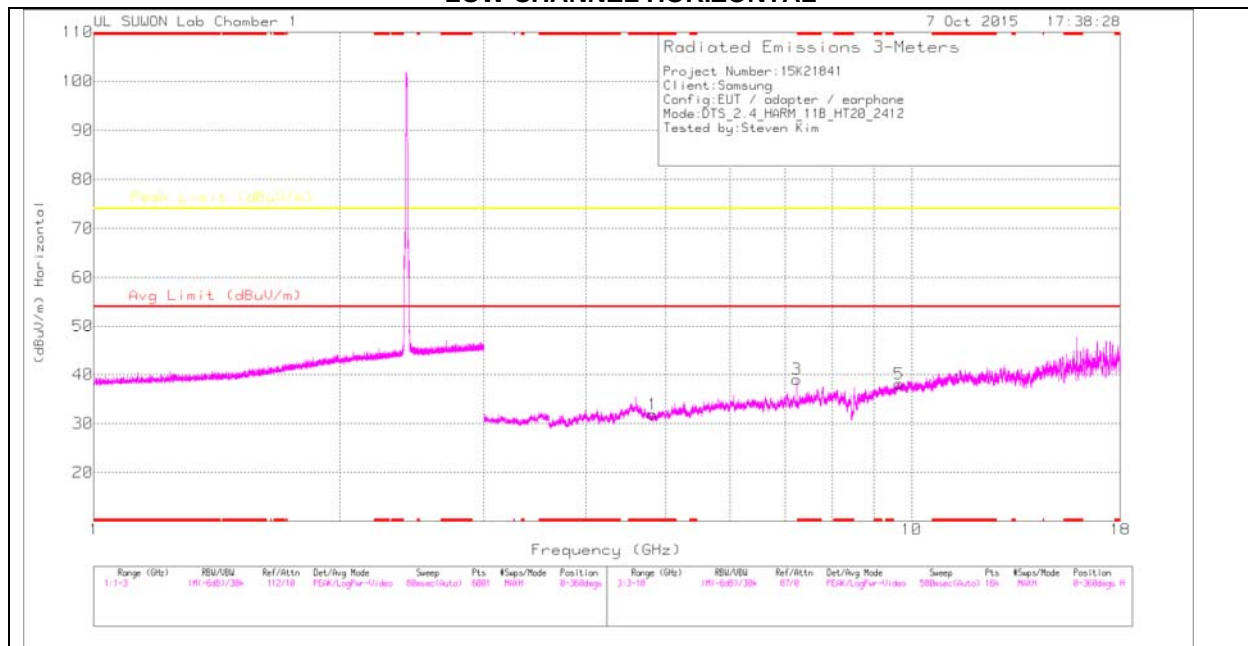
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

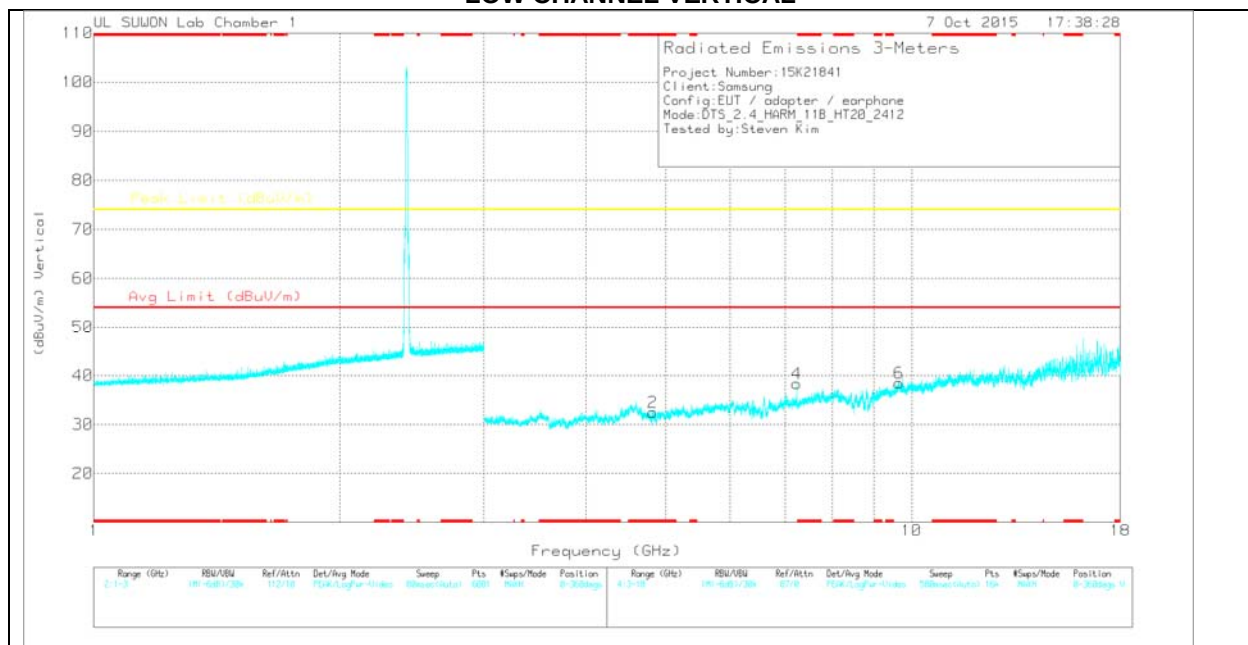
RMS - RMS detection

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	27.49	PK	34	-29.6	0	31.89	-	-	74	-42.11	0-360	200	H
3	7.235	28.86	PK	35.7	-25.5	0	39.06	-	-	74	-34.94	0-360	200	H
5	9.647	21.81	PK	37.1	-20.8	0	38.11	-	-	74	-35.89	0-360	200	H
2	* 4.824	28.11	PK	34	-29.6	0	32.51	-	-	74	-41.49	0-360	200	V
4	7.235	28.19	PK	35.7	-25.5	0	38.39	-	-	74	-35.61	0-360	200	V
6	9.648	22.22	PK	37.1	-20.8	0	38.52	-	-	74	-35.48	0-360	100	V

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

PK – Peak detector

Radiated Emissions

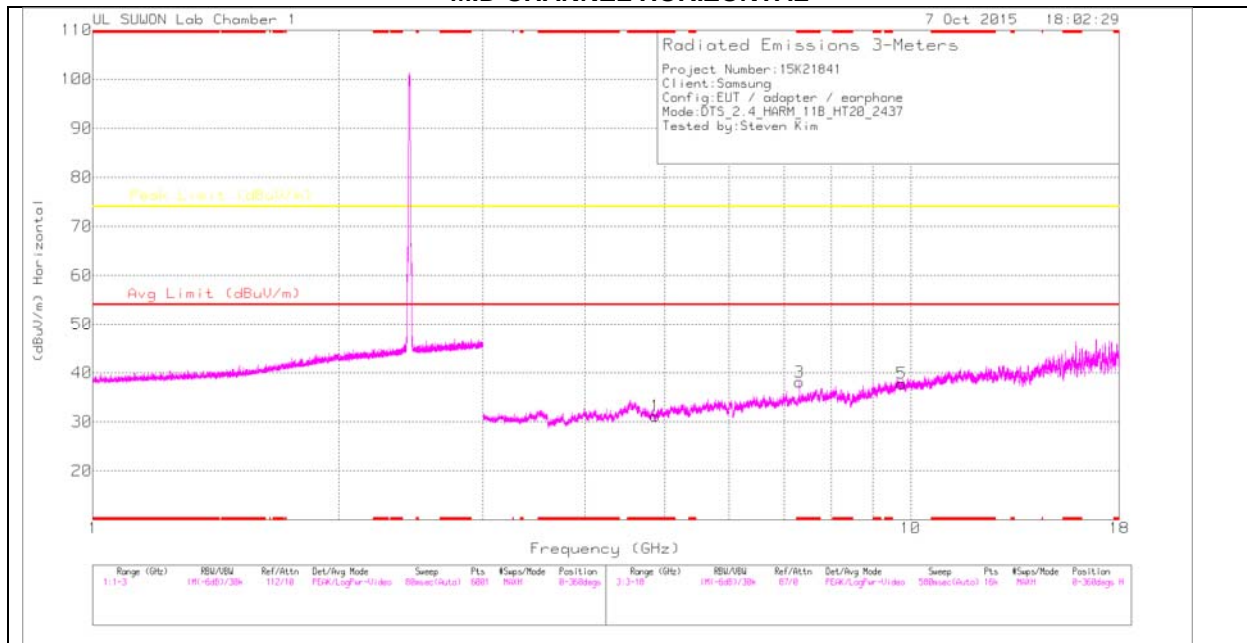
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.236	37.83	PK2	35.7	-25.5	0	48.03	-	-	74	-25.97	267	171	H
7.236	37.64	PK2	35.7	-25.5	0	47.84	-	-	74	-26.16	59	216	V

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

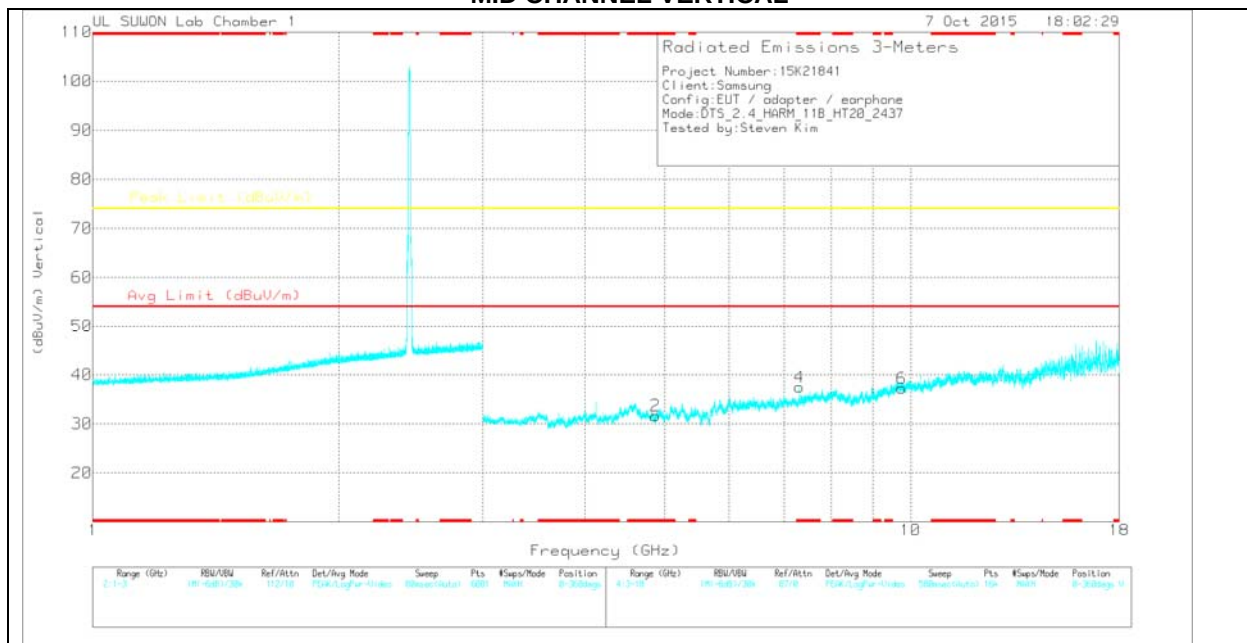
PK2 - KDB558074 Method: Maximum Peak

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	* 4.876	26.38	PK	34	-29.2	0	31.18	-	-	74	-42.82	0-360	200	H
3	* 7.31	28.1	PK	35.7	-25.7	0	38.1	-	-	74	-35.9	0-360	200	H
5	9.748	22.51	PK	37.2	-21.9	0	37.81	-	-	74	-36.19	0-360	100	H
2	* 4.876	26.86	PK	34	-29.2	0	31.66	-	-	74	-42.34	0-360	200	V
4	* 7.311	27.5	PK	35.7	-25.7	0	37.5	-	-	74	-36.5	0-360	200	V
6	9.749	21.96	PK	37.2	-21.9	0	37.26	-	-	74	-36.74	0-360	200	V

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

PK – Peak detector

Radiated Emissions

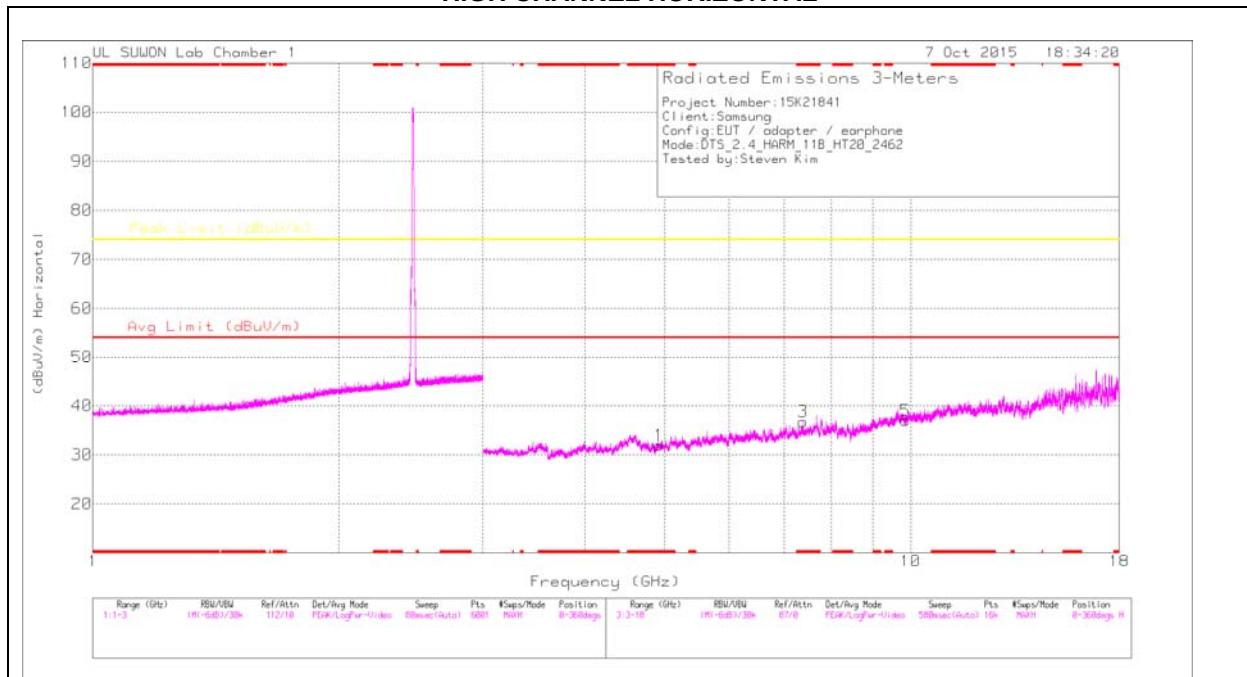
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.312	36.71	PK2	35.7	-25.7	0	46.71	-	-	74	-27.29	353	281	H
* 7.311	24.91	MAv1	35.7	-25.7	0	34.91	54	-19.09	-	-	353	281	H
* 7.31	37.42	PK2	35.7	-25.7	0	47.42	-	-	74	-26.58	59	199	V
* 7.311	27.16	MAv1	35.7	-25.7	0	37.16	54	-16.84	-	-	59	199	V

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

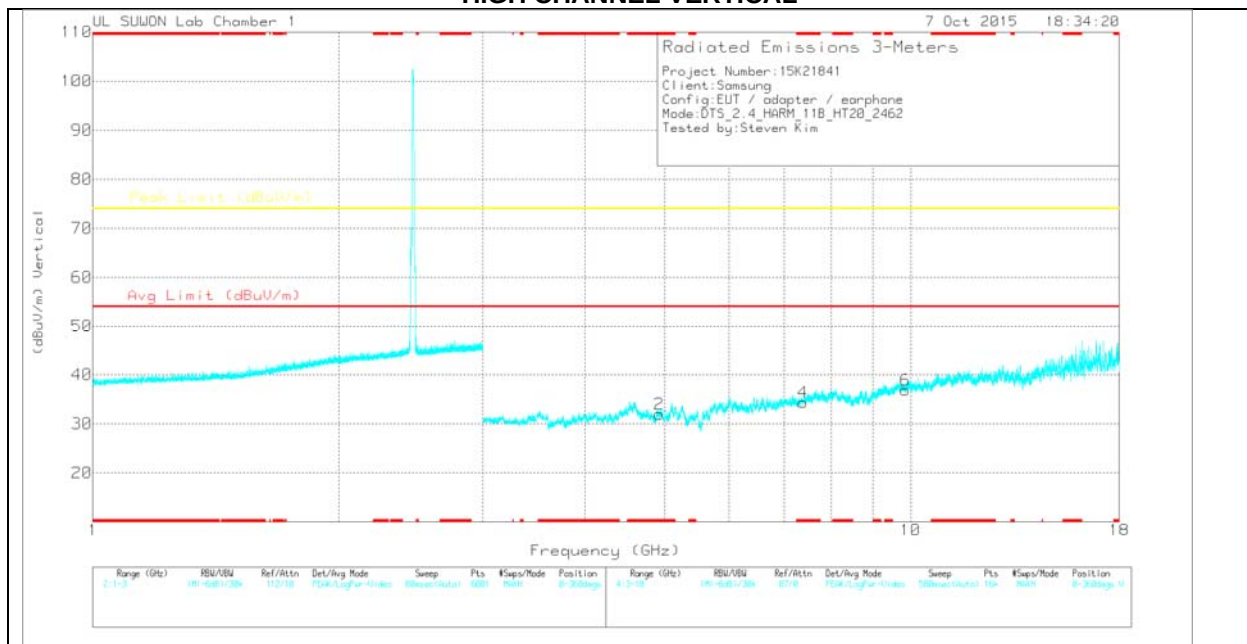
PK2 - KDB558074 Method: Maximum Peak

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

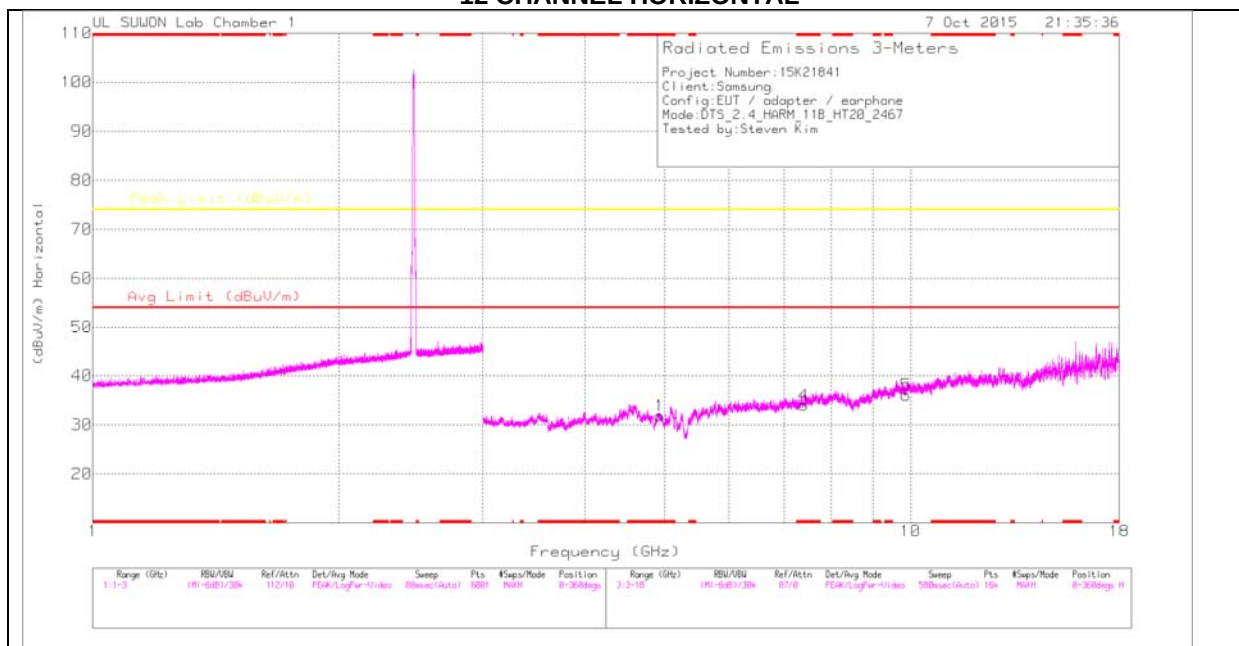
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.923	26.93	PK	34	-29	0	31.93	-	-	74	-42.07	0-360	100	H
3	* 7.386	26.09	PK	35.8	-25.1	0	36.79	-	-	74	-37.21	0-360	200	H
5	9.848	21.3	PK	37.3	-21.6	0	37	-	-	74	-37	0-360	200	H
2	* 4.925	26.96	PK	34	-29	0	31.96	-	-	74	-42.04	0-360	100	V
4	* 7.386	23.69	PK	35.8	-25.1	0	34.39	-	-	74	-39.61	0-360	200	V
6	9.848	21.18	PK	37.3	-21.6	0	36.88	-	-	74	-37.12	0-360	100	V

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

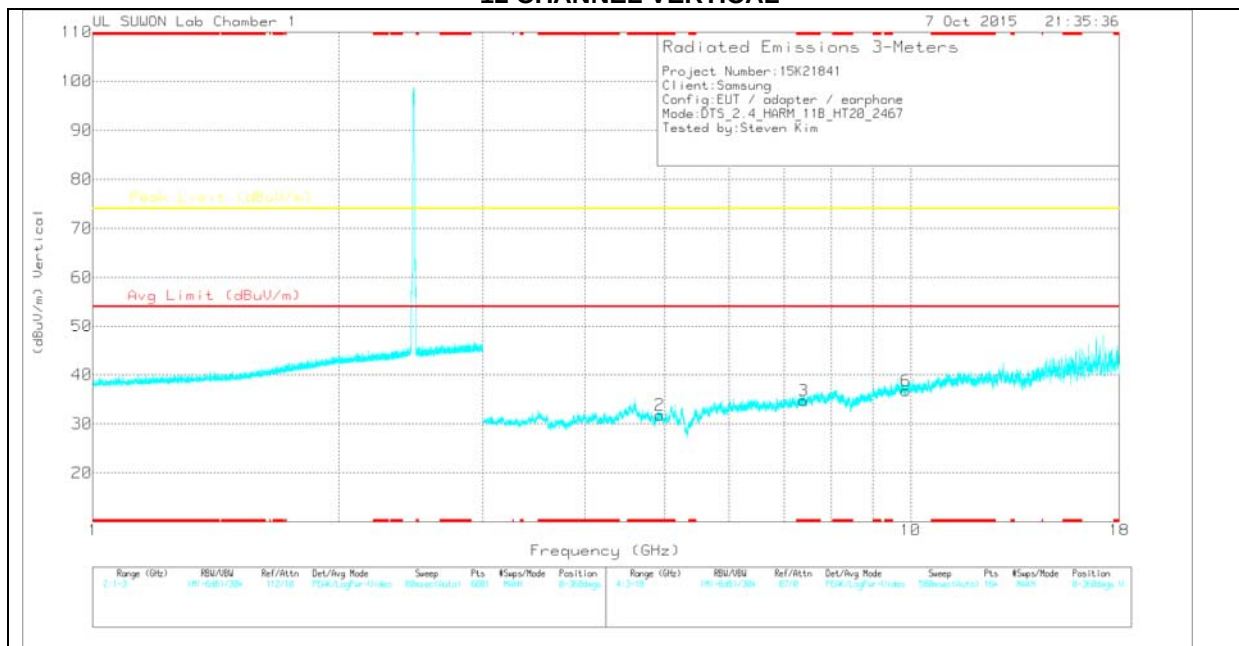
PK – Peak detector

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

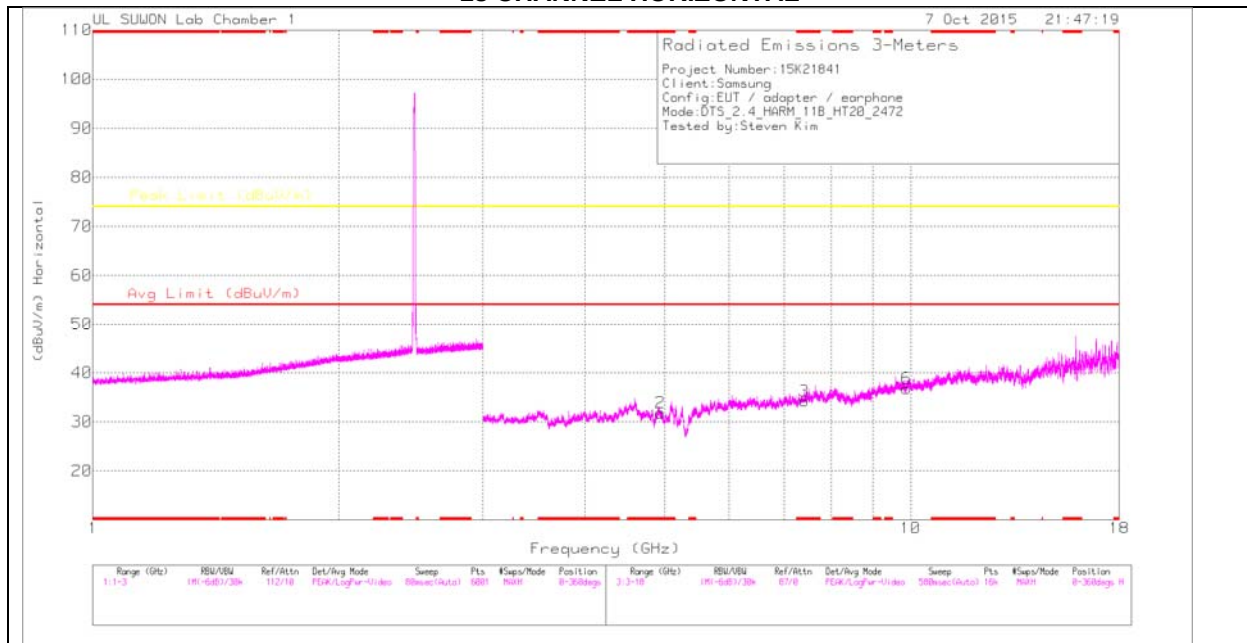
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.934	26.86	PK	34	-29	0	31.86	-	-	74	-42.14	0-360	101	H
4	* 7.399	23.19	PK	35.8	-25	0	33.99	-	-	74	-40.01	0-360	101	H
5	9.868	19.97	PK	37.3	-21.2	0	36.07	-	-	74	-37.93	0-360	101	H
2	* 4.934	26.8	PK	34	-29	0	31.8	-	-	74	-42.2	0-360	101	V
3	* 7.4	23.93	PK	35.8	-25	0	34.73	-	-	74	-39.27	0-360	101	V
6	9.867	20.71	PK	37.3	-21.3	0	36.71	-	-	74	-37.29	0-360	101	V

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

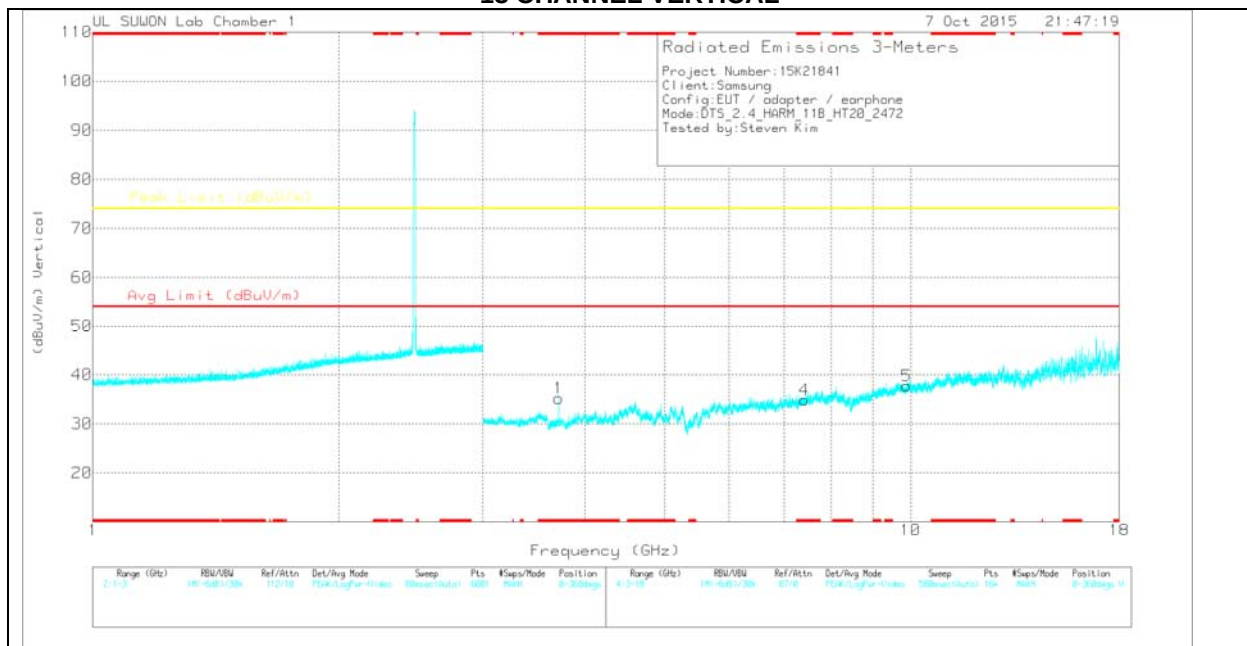
PK – Peak detector

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
2	* 4.944	26.82	PK	34	-29	0	31.82	-	-	74	-42.18	0-360	100	H
3	* 7.416	23.36	PK	35.8	-24.9	0	34.26	-	-	74	-39.74	0-360	100	H
6	9.886	20.4	PK	37.3	-20.9	0	36.8	-	-	74	-37.2	0-360	100	H
1	* 3.712	32.51	PK	33	-30.3	0	35.21	-	-	74	-38.79	0-360	100	V
4	* 7.415	23.99	PK	35.8	-24.9	0	34.89	-	-	74	-39.11	0-360	100	V
5	9.887	21.37	PK	37.3	-20.9	0	37.77	-	-	74	-36.23	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
* 3.711	39.22	PK2	33	-30.4	0	41.82	-	-	74	-32.18	12	248	V
* 3.711	25.9	MAv1	33	-30.4	0	28.5	54	-25.5	-	-	12	248	V

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

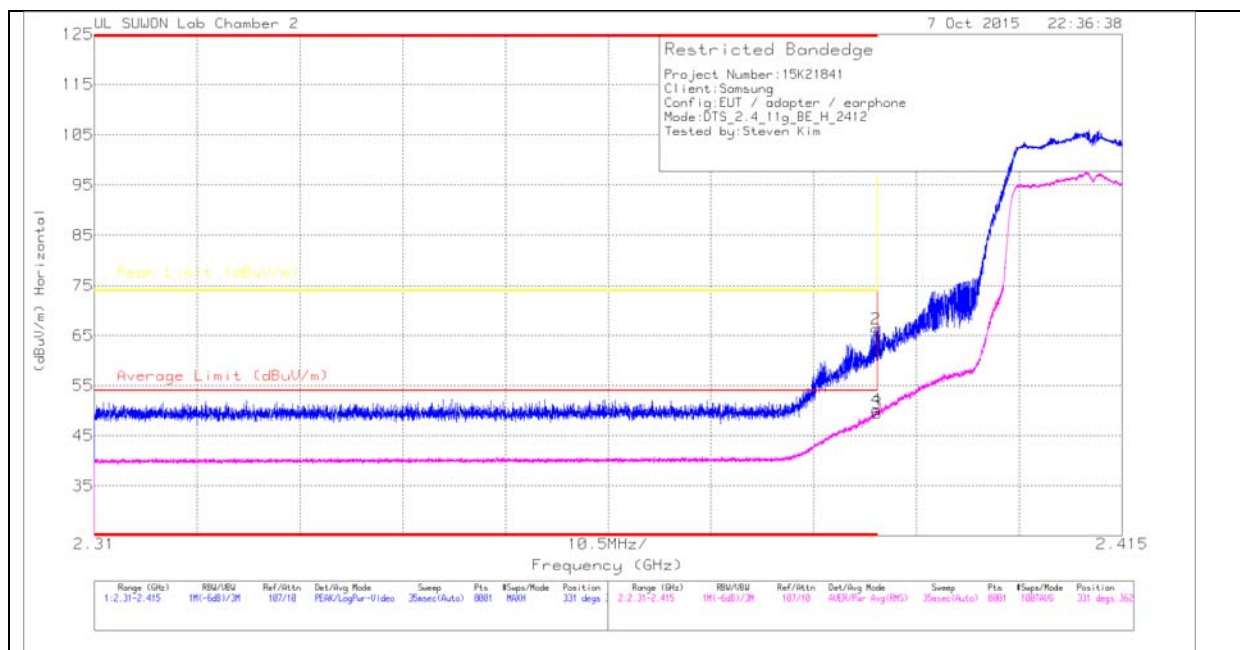
PK2 - KDB558074 Method: Maximum Peak

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 (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

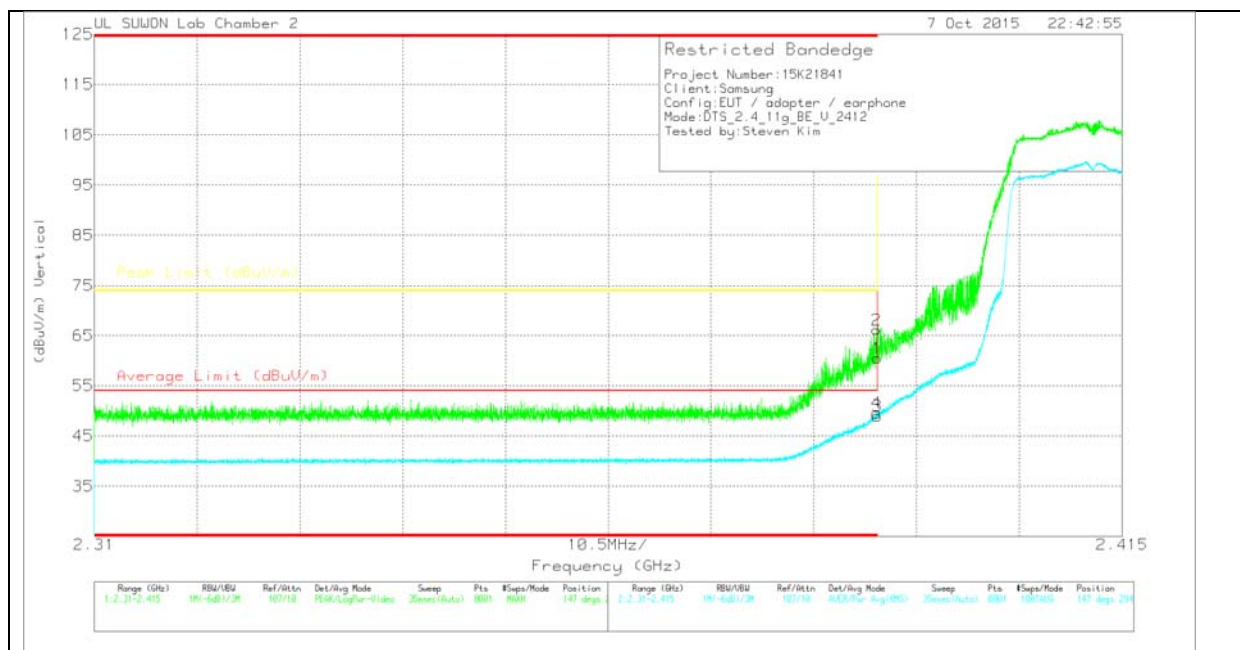
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	49.78	Pk	31.7	-19.5	0	61.98	-	-	74	-12.02	331	362	H
2	* 2.39	54.24	Pk	31.7	-19.5	0	66.44	-	-	74	-7.56	331	362	H
3	* 2.39	37.05	RMS	31.7	-19.5	.3	49.55	54	-4.45	-	-	331	362	H
4	* 2.39	37.66	RMS	31.7	-19.5	.3	50.16	54	-3.84	-	-	331	362	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	48.26	Pk	31.7	-19.5	0	60.46	-	-	74	-13.54	147	294	V
2	* 2.39	53.99	Pk	31.7	-19.5	0	66.19	-	-	74	-7.81	147	294	V
3	* 2.39	36.47	RMS	31.7	-19.5	.3	48.97	54	-5.03	-	-	147	294	V
4	* 2.39	37.09	RMS	31.7	-19.5	.3	49.59	54	-4.41	-	-	147	294	V

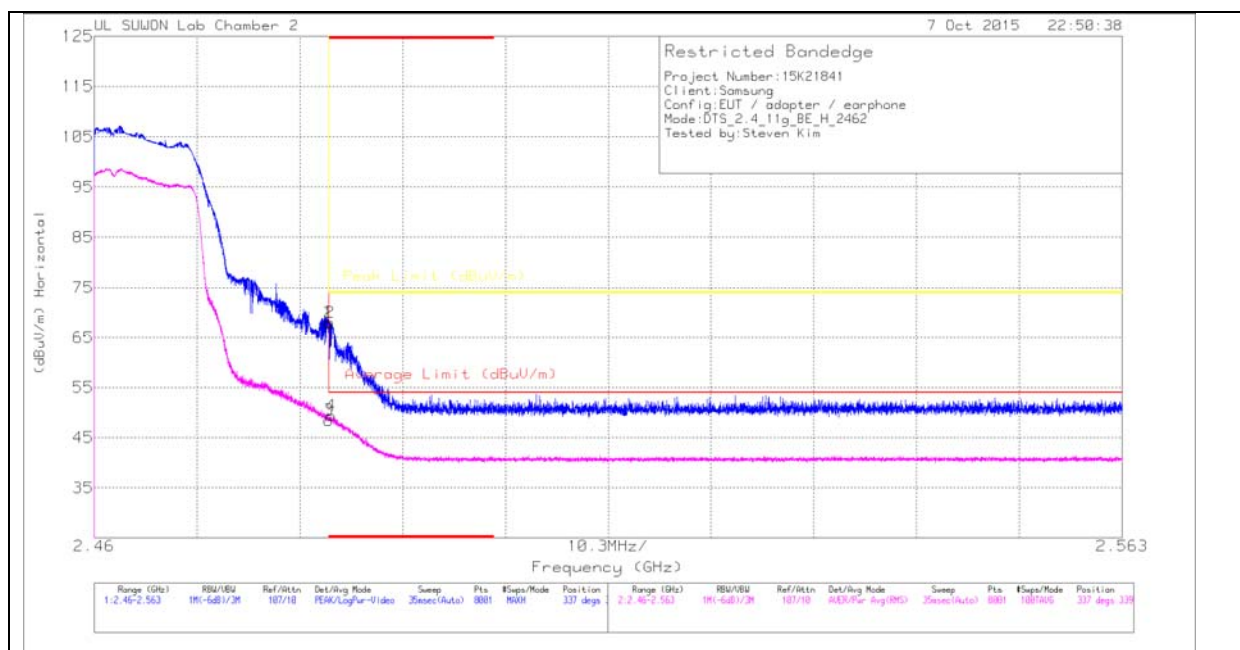
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

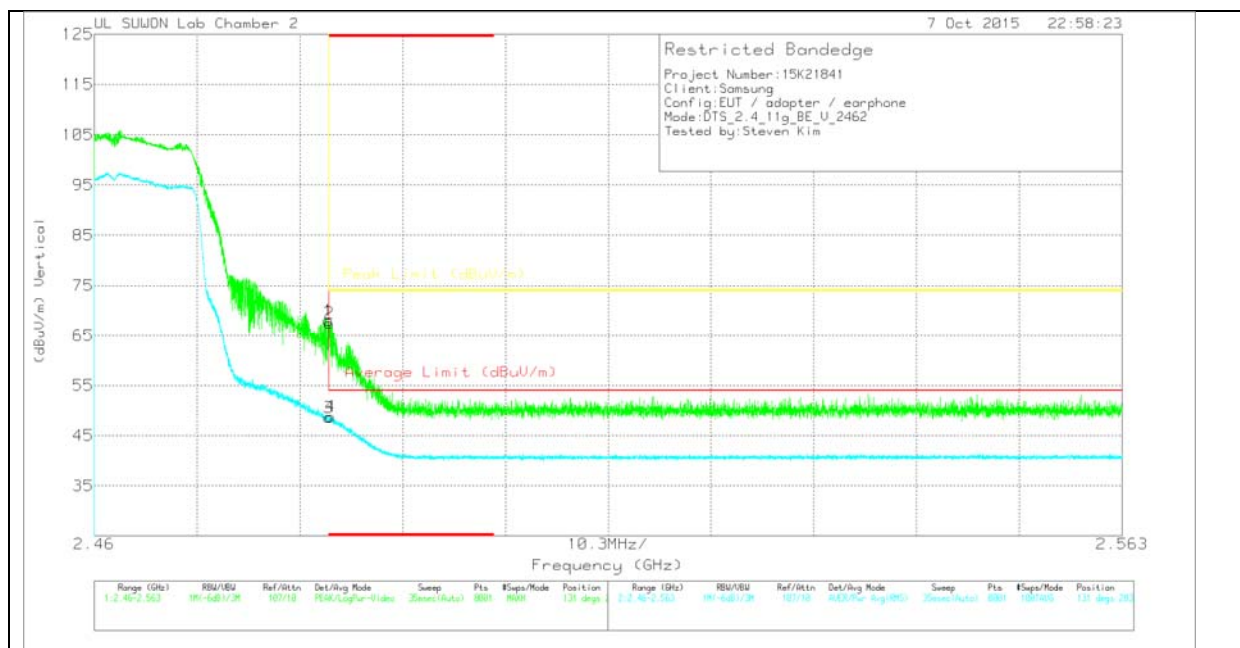
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.53	Pk	31.8	-19.4	0	67.93	-	-	74	-6.07	337	339	H
2	* 2.484	55.7	Pk	31.8	-19.4	0	68.1	-	-	74	-5.9	337	339	H
3	* 2.484	35.8	RMS	31.8	-19.4	.3	48.5	54	-5.5	-	-	337	339	H
4	* 2.484	36.72	RMS	31.8	-19.4	.3	49.42	54	-4.58	-	-	337	339	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	55.68	Pk	31.8	-19.4	0	68.08	-	-	74	-5.92	131	283	V
2	* 2.484	55.15	Pk	31.8	-19.4	0	67.55	-	-	74	-6.45	131	283	V
3	* 2.484	35.93	RMS	31.8	-19.4	.3	48.63	54	-5.37	-	-	131	283	V
4	* 2.484	36.14	RMS	31.8	-19.4	.3	48.84	54	-5.16	-	-	131	283	V

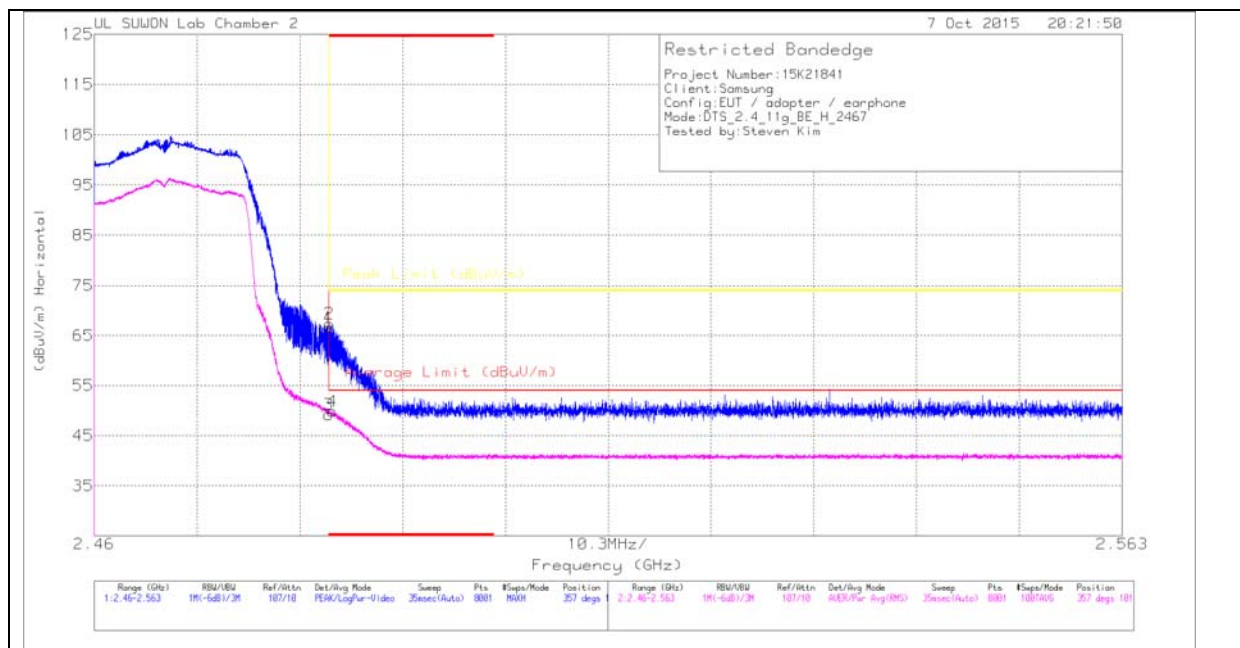
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

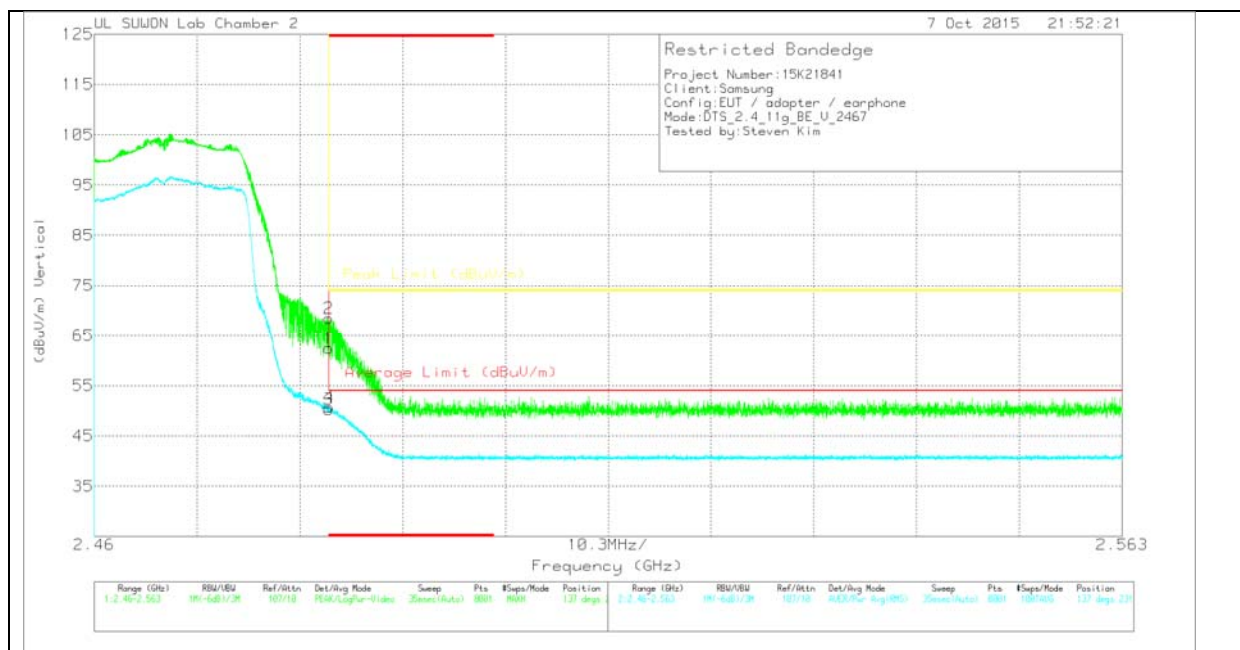
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	54.23	Pk	31.8	-19.4	0	66.63	-	-	74	-7.37	357	101	H
2	* 2.484	55.04	Pk	31.8	-19.4	0	67.44	-	-	74	-6.56	357	101	H
3	* 2.484	36.52	RMS	31.8	-19.4	.3	49.22	54	-4.78	-	-	357	101	H
4	* 2.484	37.14	RMS	31.8	-19.4	.3	49.84	54	-4.16	-	-	357	101	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	50.08	Pk	31.8	-19.4	0	62.48	-	-	74	-11.52	137	231	V
2	* 2.484	56.11	Pk	31.8	-19.4	0	68.51	-	-	74	-5.49	137	231	V
3	* 2.484	37.62	RMS	31.8	-19.4	.3	50.32	54	-3.68	-	-	137	231	V
4	* 2.484	38.02	RMS	31.8	-19.4	.3	50.72	54	-3.28	-	-	137	231	V

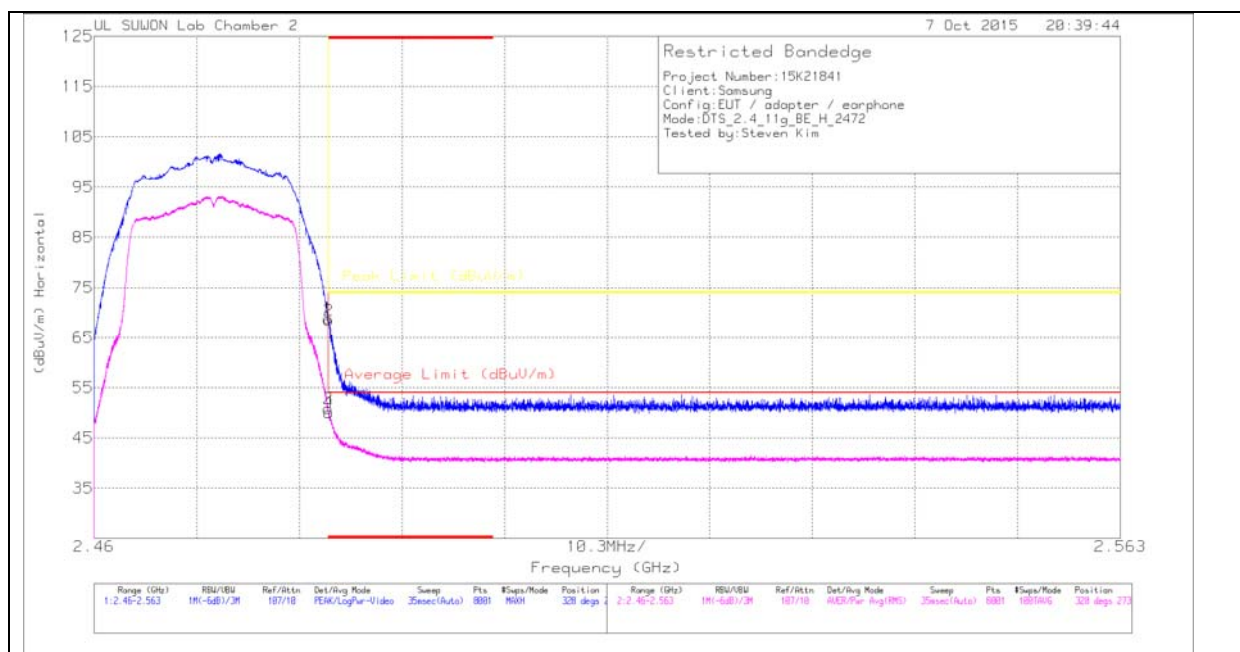
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

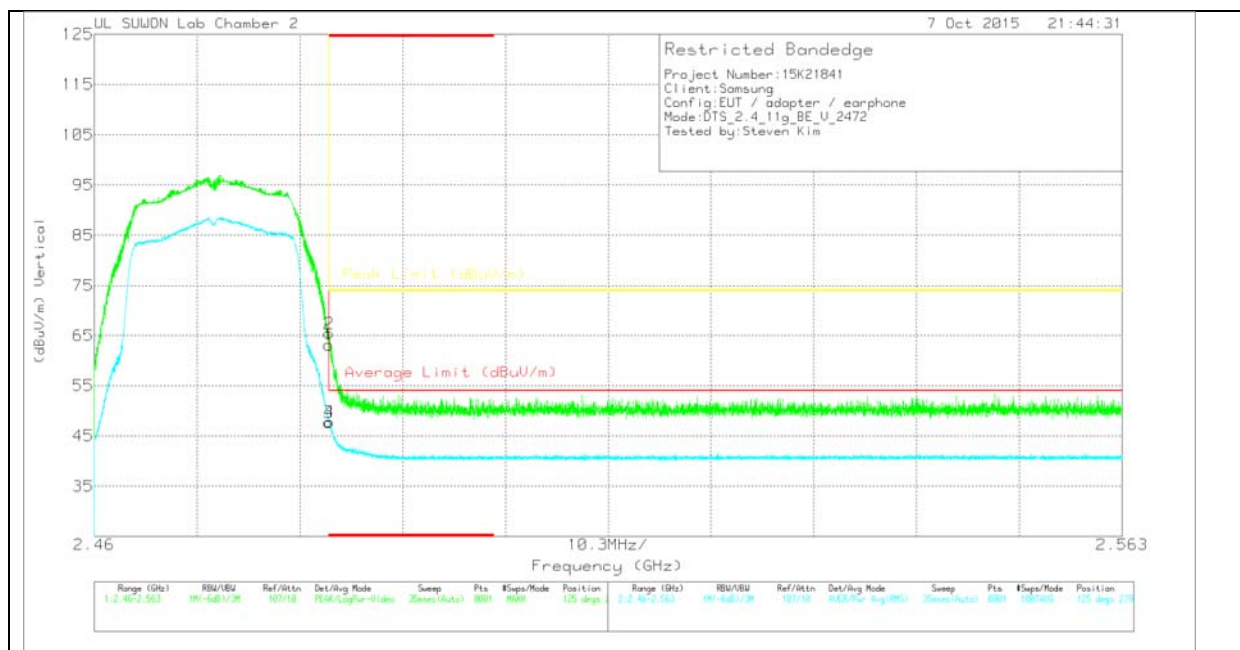
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	56.5	Pk	31.8	-19.4	0	68.9	-	-	74	-5.1	328	273	H
2	* 2.484	56.07	Pk	31.8	-19.4	0	68.47	-	-	74	-5.53	328	273	H
3	* 2.484	38.16	RMS	31.8	-19.4	.3	50.86	54	-3.14	-	-	328	273	H
4	* 2.484	37.37	RMS	31.8	-19.4	.3	50.07	54	-3.93	-	-	328	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	50.7	Pk	31.8	-19.4	0	63.1	-	-	74	-10.9	125	279	V
2	* 2.484	53.07	Pk	31.8	-19.4	0	65.47	-	-	74	-8.53	125	279	V
3	* 2.484	35.02	RMS	31.8	-19.4	.3	47.72	54	-6.28	-	-	125	279	V
4	* 2.484	35.12	RMS	31.8	-19.4	.3	47.82	54	-6.18	-	-	125	279	V

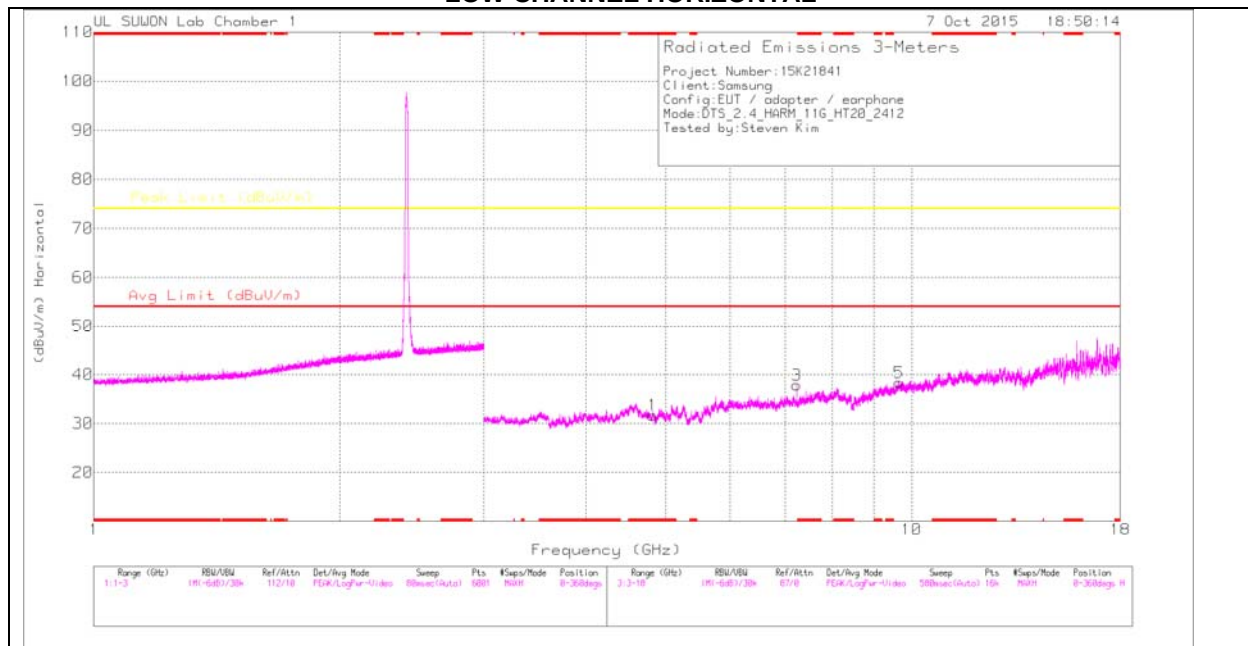
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

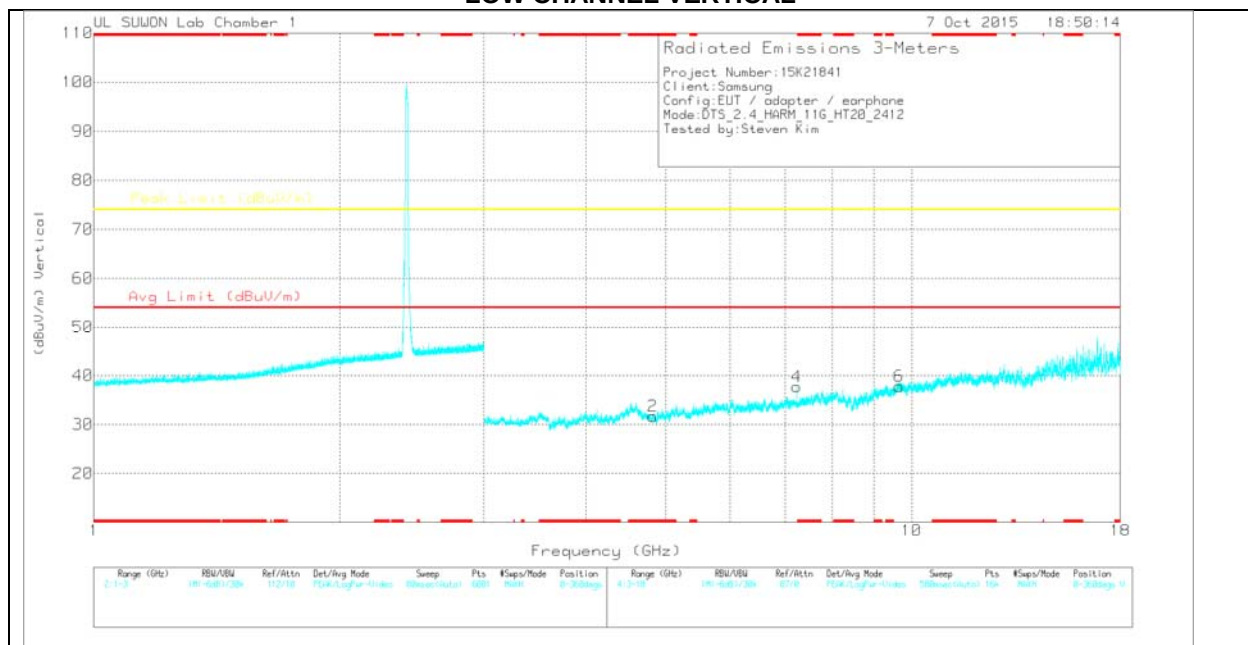
RMS - RMS detection

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	* 4.822	27.29	PK	34	-29.6	0	31.69	-	-	74	-42.31	0-360	100	H
3	7.236	27.69	PK	35.7	-25.5	0	37.89	-	-	74	-36.11	0-360	200	H
5	9.649	22.08	PK	37.1	-20.8	0	38.38	-	-	74	-35.62	0-360	200	H
2	* 4.824	27.3	PK	34	-29.6	0	31.7	-	-	74	-42.3	0-360	100	V
4	7.236	27.56	PK	35.7	-25.5	0	37.76	-	-	74	-36.24	0-360	200	V
6	9.647	21.53	PK	37.1	-20.8	0	37.83	-	-	74	-36.17	0-360	200	V

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

PK – Peak detector

Radiated Emissions

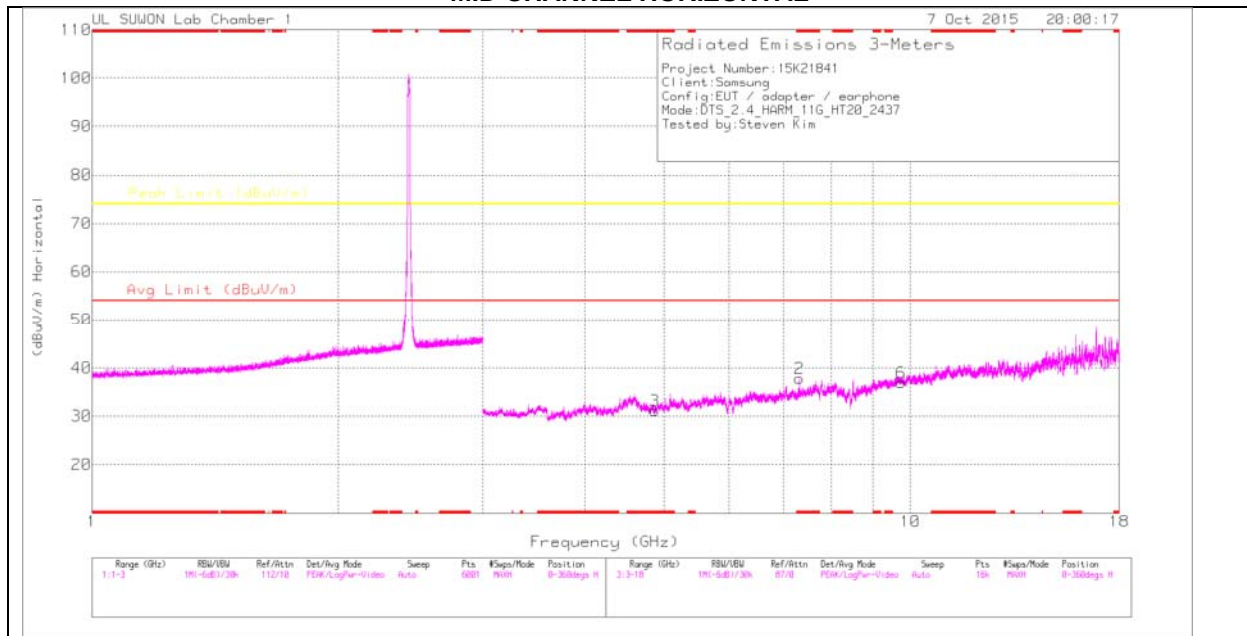
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.236	37.1	PK2	35.7	-25.5	0	47.3	-	-	74	-26.7	266	158	H
7.236	37.54	PK2	35.7	-25.5	0	47.74	-	-	74	-26.26	53	239	V

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

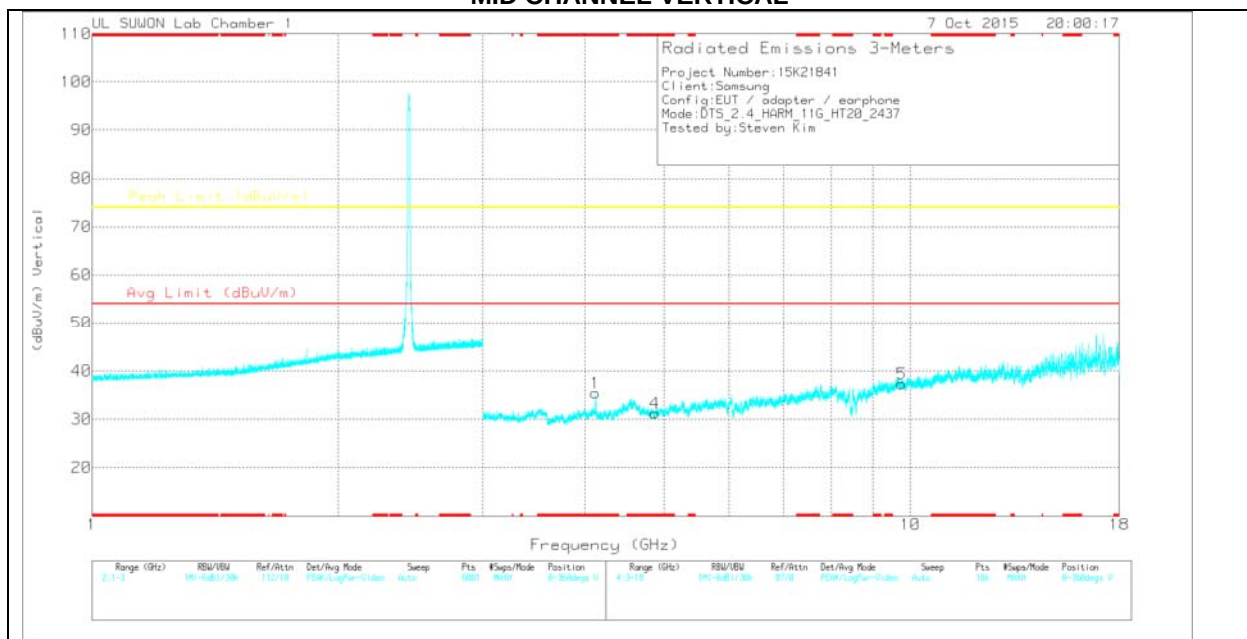
PK2 - KDB558074 Method: Maximum Peak

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	* 7.311	27.84	PK	35.7	-25.7	0	37.84	-	-	74	-36.16	0-360	200	H
3	* 4.875	26.37	PK	34	-29.2	0	31.17	-	-	74	-42.83	0-360	100	H
6	9.747	21.69	PK	37.2	-21.9	0	36.99	-	-	74	-37.01	0-360	200	H
1	* 4.125	31.46	PK	33.5	-29.5	0	35.46	-	-	74	-38.54	0-360	100	V
4	* 4.875	26.42	PK	34	-29.2	0	31.22	-	-	74	-42.78	0-360	100	V
5	9.749	22.07	PK	37.2	-21.9	0	37.37	-	-	74	-36.63	0-360	100	V

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

PK – Peak detector

Radiated Emissions

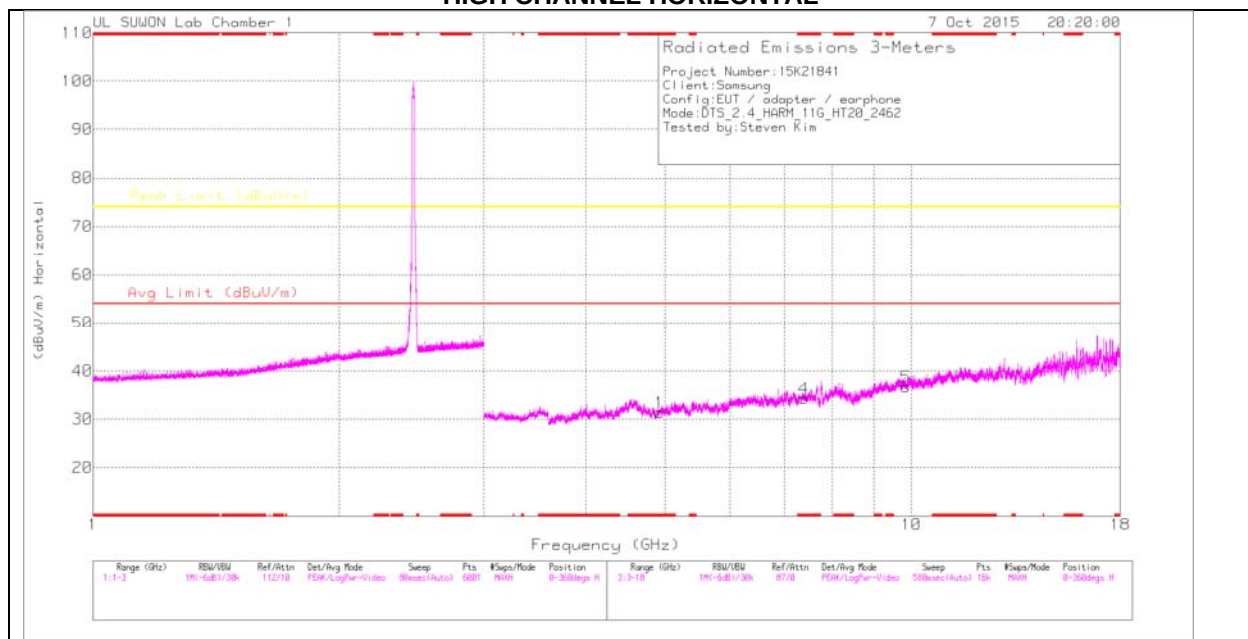
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.311	38.49	PK2	35.7	-25.7	0	48.49	-	-	74	-25.51	289	172	H
* 7.311	25.62	MAv1	35.7	-25.7	.3	35.92	54	-18.08	-	-	289	172	H

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

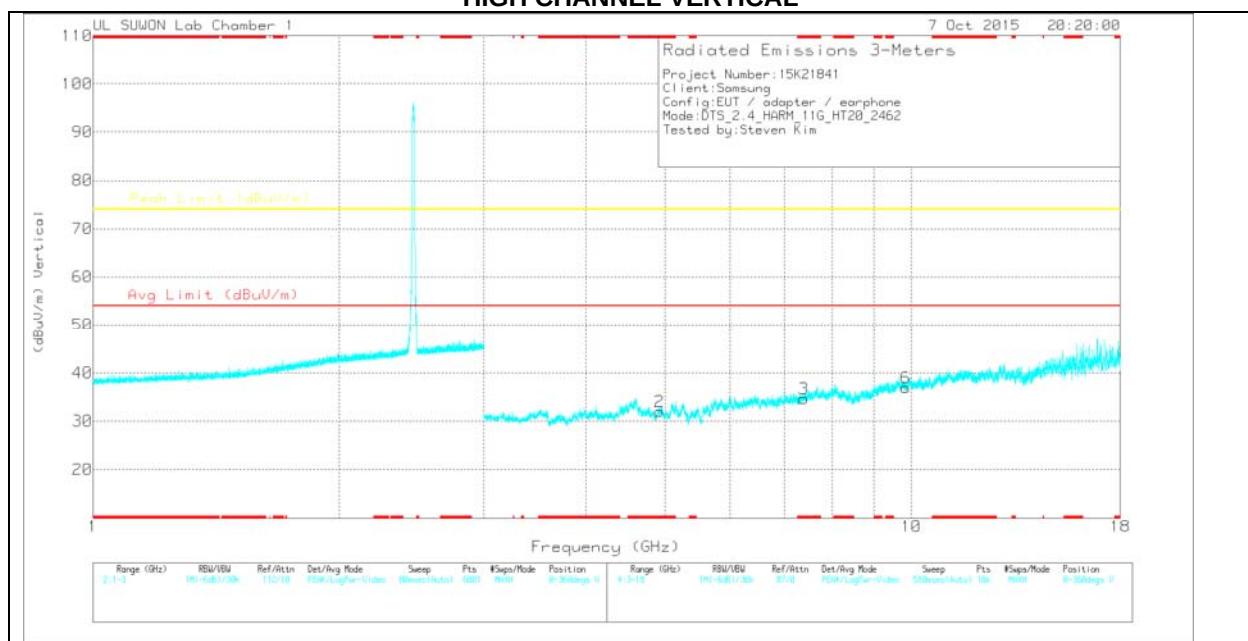
PK2 - KDB558074 Method: Maximum Peak

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

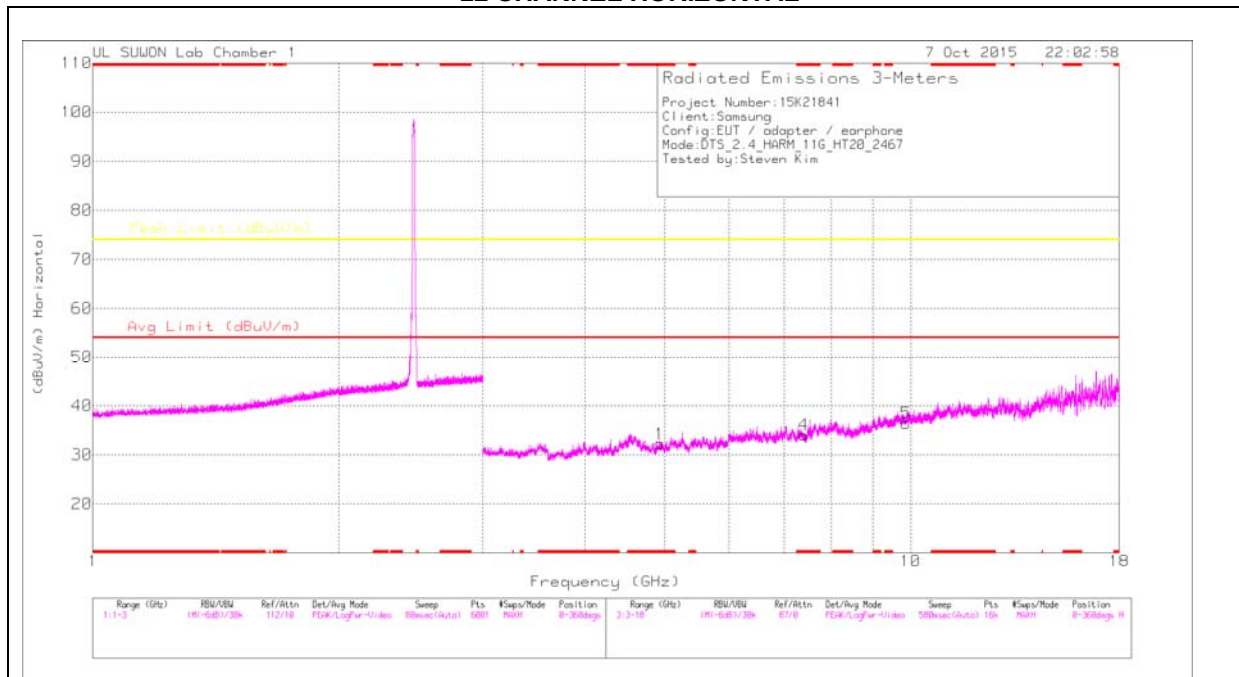
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.925	26.42	PK	34	-29	0	31.42	-	-	74	-42.58	0-360	100	H
4	* 7.386	23.6	PK	35.8	-25.1	0	34.3	-	-	74	-39.7	0-360	100	H
5	9.848	21.03	PK	37.3	-21.6	0	36.73	-	-	74	-37.27	0-360	100	H
2	* 4.925	27.01	PK	34	-29	0	32.01	-	-	74	-41.99	0-360	100	V
3	* 7.386	24.03	PK	35.8	-25.1	0	34.73	-	-	74	-39.27	0-360	200	V
6	9.848	21.2	PK	37.3	-21.6	0	36.9	-	-	74	-37.1	0-360	100	V

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

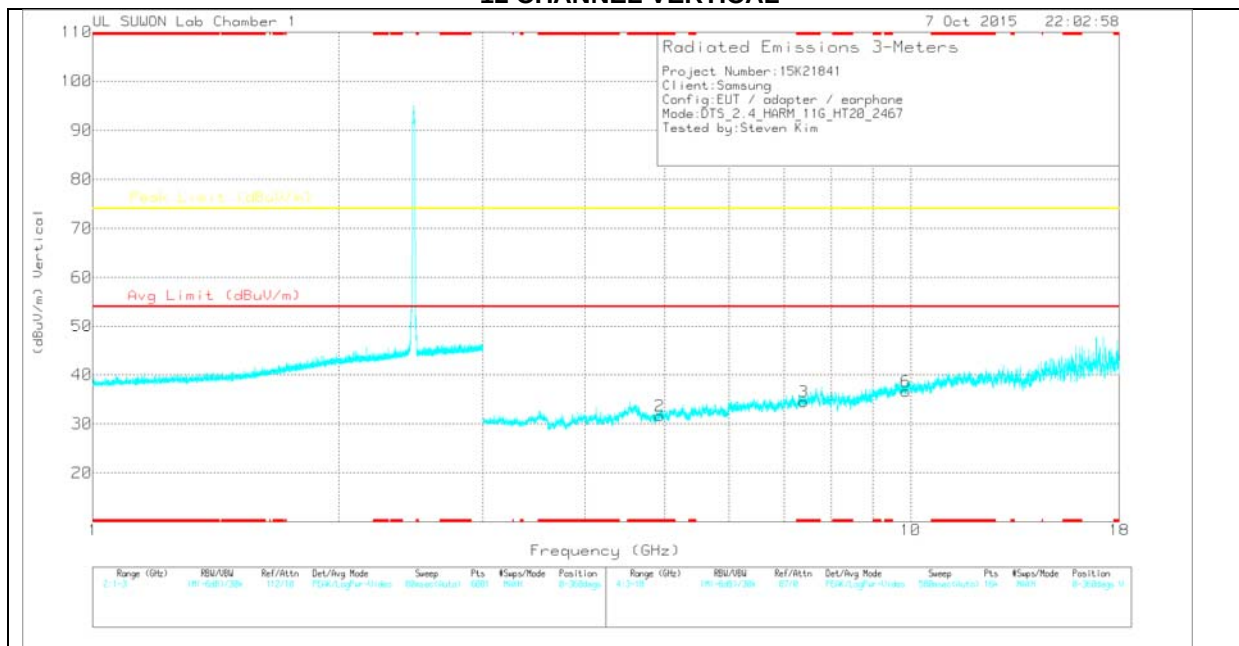
PK – Peak detector

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

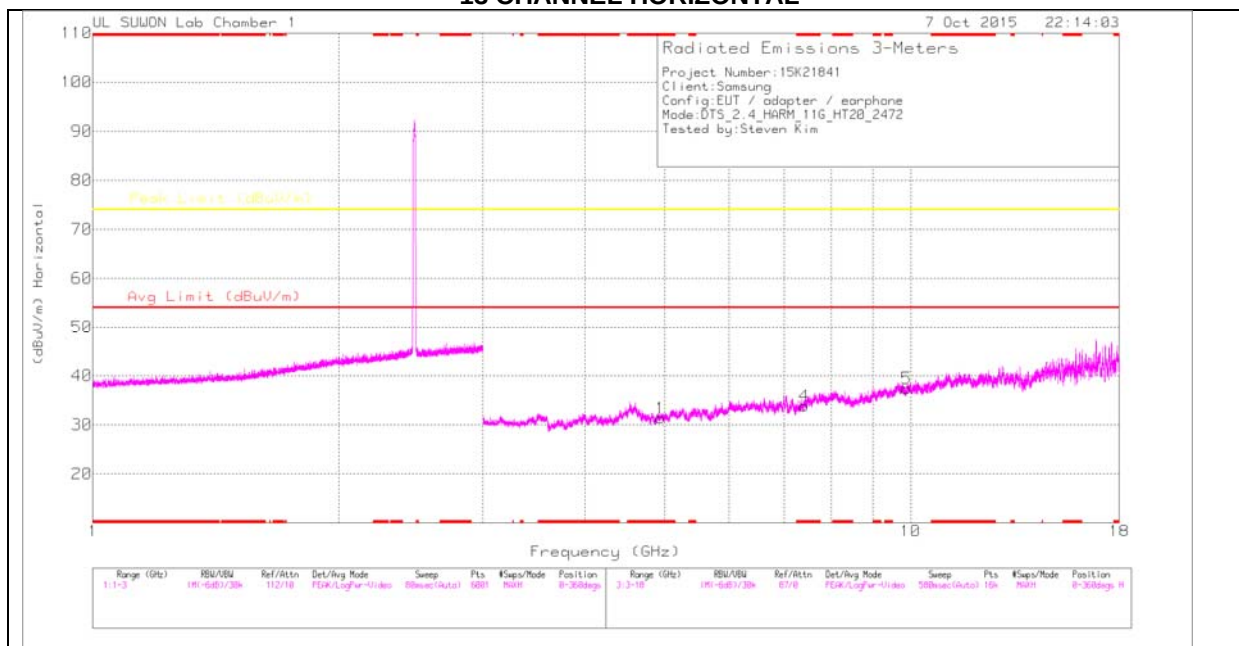
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.934	27.27	PK	34	-29	0	32.27	-	-	74	-41.73	0-360	100	H
4	* 7.398	23.25	PK	35.8	-25	0	34.05	-	-	74	-39.95	0-360	100	H
5	9.868	20.35	PK	37.3	-21.2	0	36.45	-	-	74	-37.55	0-360	100	H
2	* 4.933	26.64	PK	34	-29	0	31.64	-	-	74	-42.36	0-360	100	V
3	* 7.4	23.68	PK	35.8	-25	0	34.48	-	-	74	-39.52	0-360	100	V
6	9.867	20.6	PK	37.3	-21.3	0	36.6	-	-	74	-37.4	0-360	100	V

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

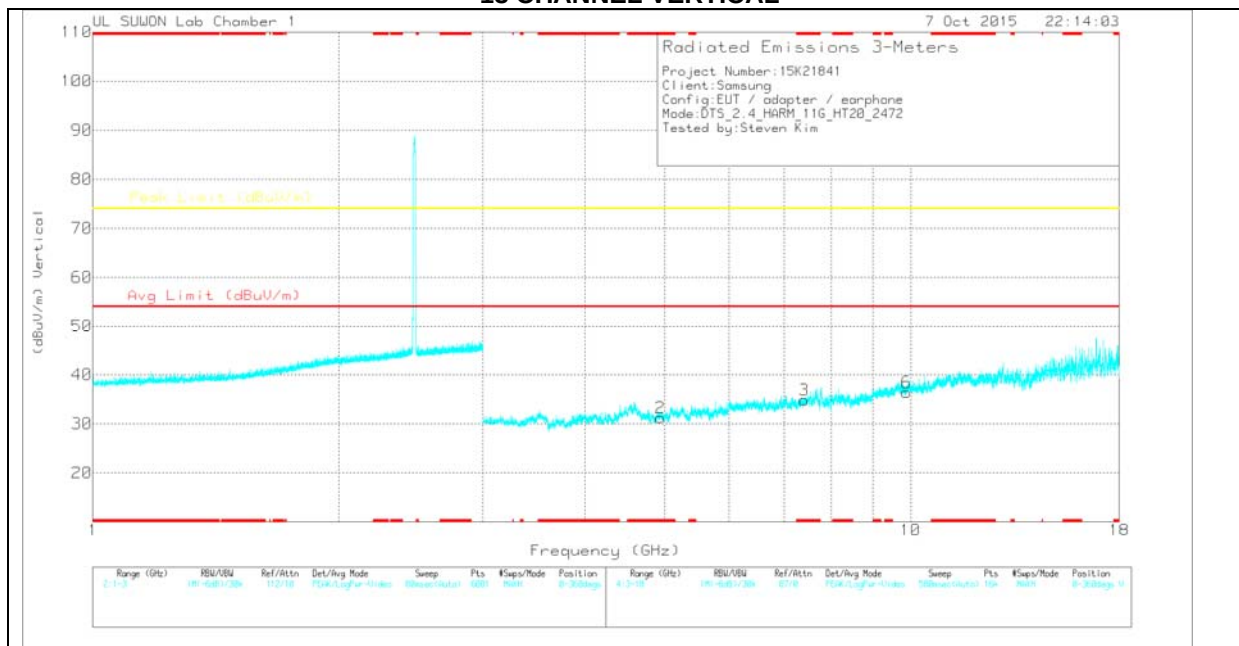
PK – Peak detector

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	* 4.944	26.36	PK	34	-29	0	31.36	-	-	74	-42.64	0-360	100	H
4	* 7.414	22.96	PK	35.8	-24.9	0	33.86	-	-	74	-40.14	0-360	100	H
5	9.888	20.91	PK	37.3	-20.8	0	37.41	-	-	74	-36.59	0-360	100	H
2	* 4.945	26.24	PK	34	-29	0	31.24	-	-	74	-42.76	0-360	100	V
3	* 7.416	23.99	PK	35.8	-24.9	0	34.89	-	-	74	-39.11	0-360	100	V
6	9.888	19.9	PK	37.3	-20.8	0	36.4	-	-	74	-37.6	0-360	100	V

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

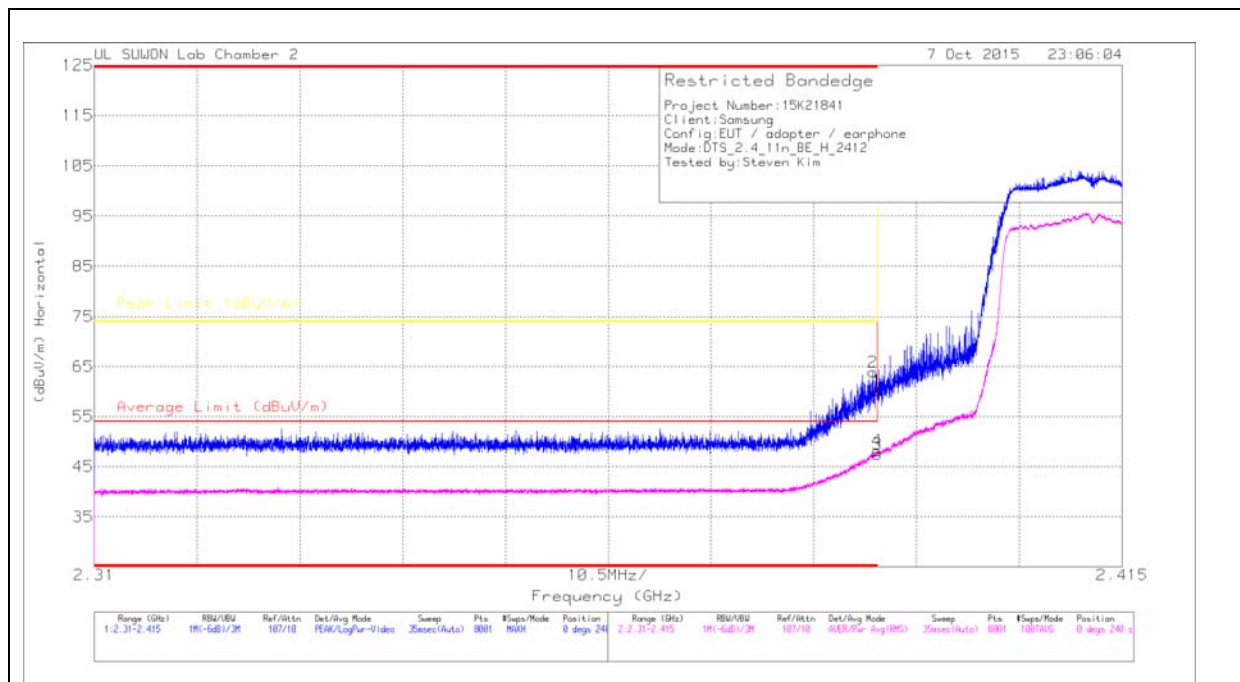
PK – Peak detector

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

11.2.3. 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

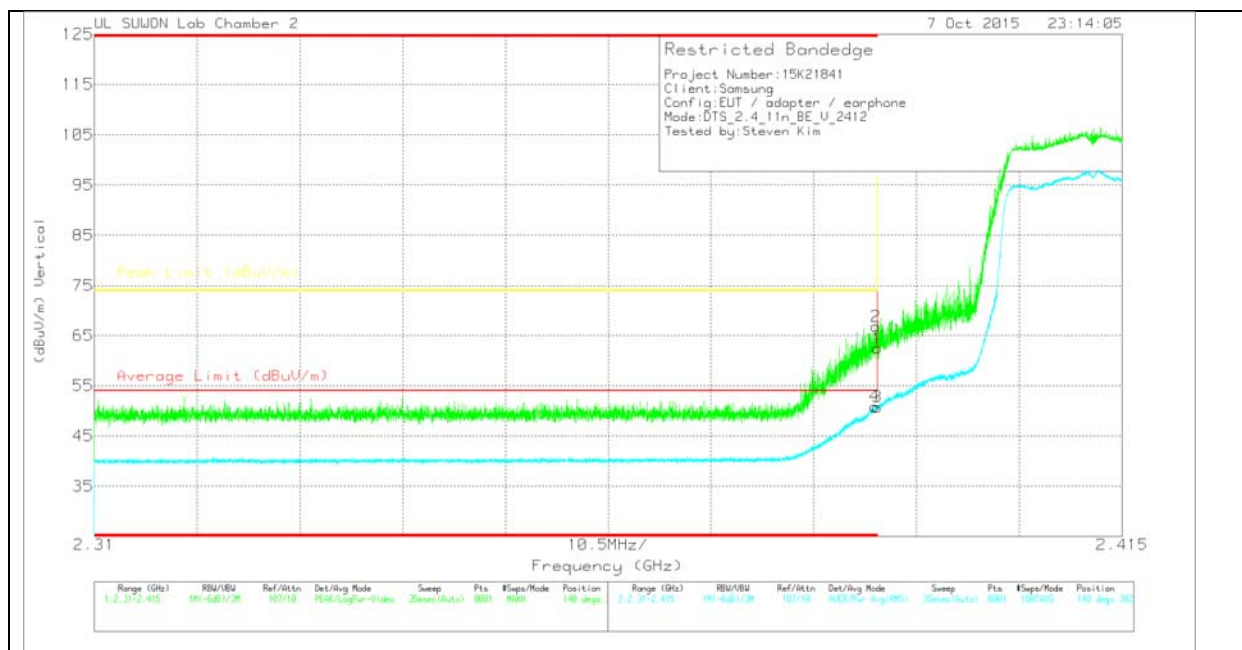
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.9	Pk	31.7	-19.5	0	60.1	-	-	74	-13.9	0	240	H
2	* 2.39	51.72	Pk	31.7	-19.5	0	63.92	-	-	74	-10.08	0	240	H
3	* 2.39	34.99	RMS	31.7	-19.5	.33	47.52	54	-6.48	-	-	0	240	H
4	* 2.39	35.66	RMS	31.7	-19.5	.33	48.19	54	-5.81	-	-	0	240	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	50.19	Pk	31.7	-19.5	0	62.39	-	-	74	-11.61	140	302	V
2	* 2.39	54.72	Pk	31.7	-19.5	0	66.92	-	-	74	-7.08	140	302	V
3	* 2.39	38.26	RMS	31.7	-19.5	.33	50.79	54	-3.21	-	-	140	302	V
4	* 2.39	38.37	RMS	31.7	-19.5	.33	50.9	54	-3.1	-	-	140	302	V

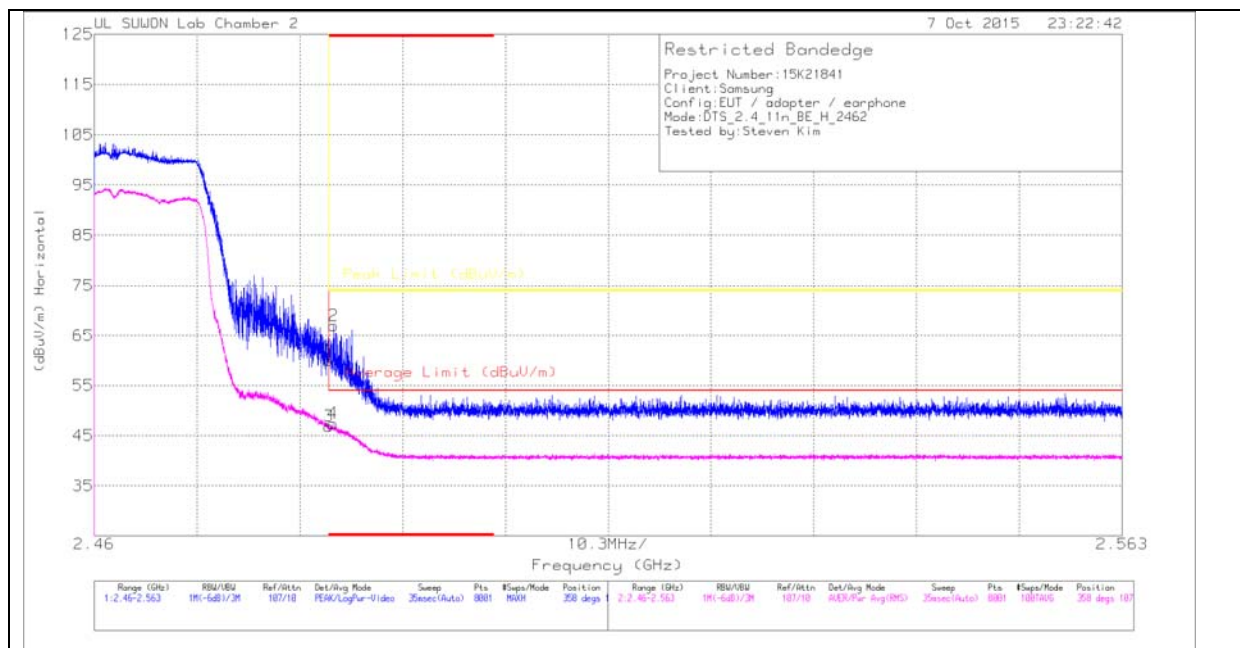
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

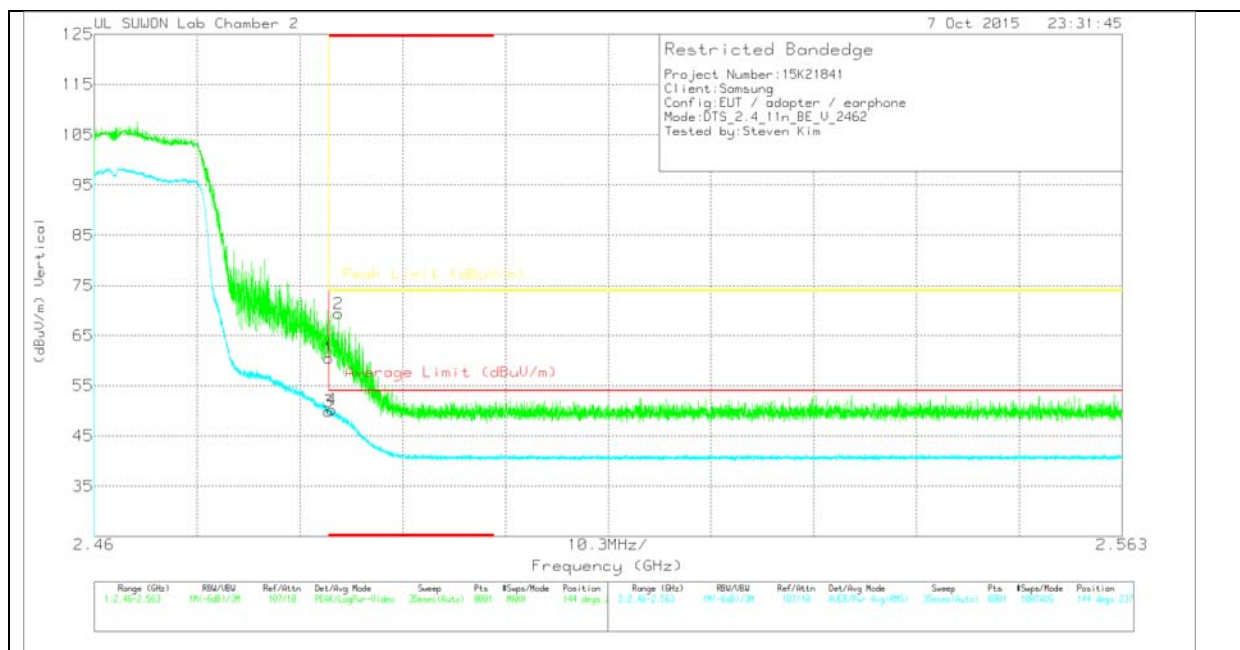
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	47.64	Pk	31.8	-19.4	0	60.04	-	-	74	-13.96	358	107	H
2	* 2.484	54.66	Pk	31.8	-19.4	0	67.06	-	-	74	-6.94	358	107	H
3	* 2.484	34.16	RMS	31.8	-19.4	.33	46.89	54	-7.11	-	-	358	107	H
4	* 2.484	34.73	RMS	31.8	-19.4	.33	47.46	54	-6.54	-	-	358	107	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	48.08	Pk	31.8	-19.4	0	60.48	-	-	74	-13.52	144	237	V
2	* 2.485	57.06	Pk	31.8	-19.4	0	69.46	-	-	74	-4.54	144	237	V
3	* 2.484	37.18	RMS	31.8	-19.4	.33	49.91	54	-4.09	-	-	144	237	V
4	* 2.484	37.54	RMS	31.8	-19.4	.33	50.27	54	-3.73	-	-	144	237	V

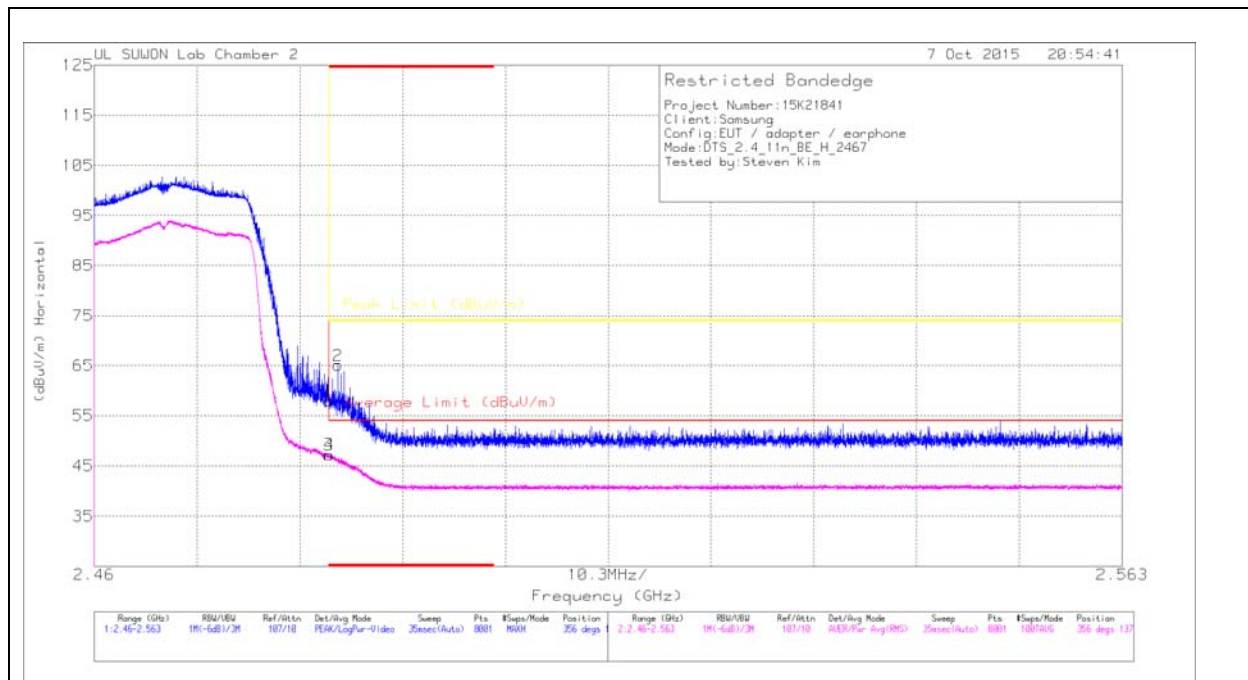
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (12 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

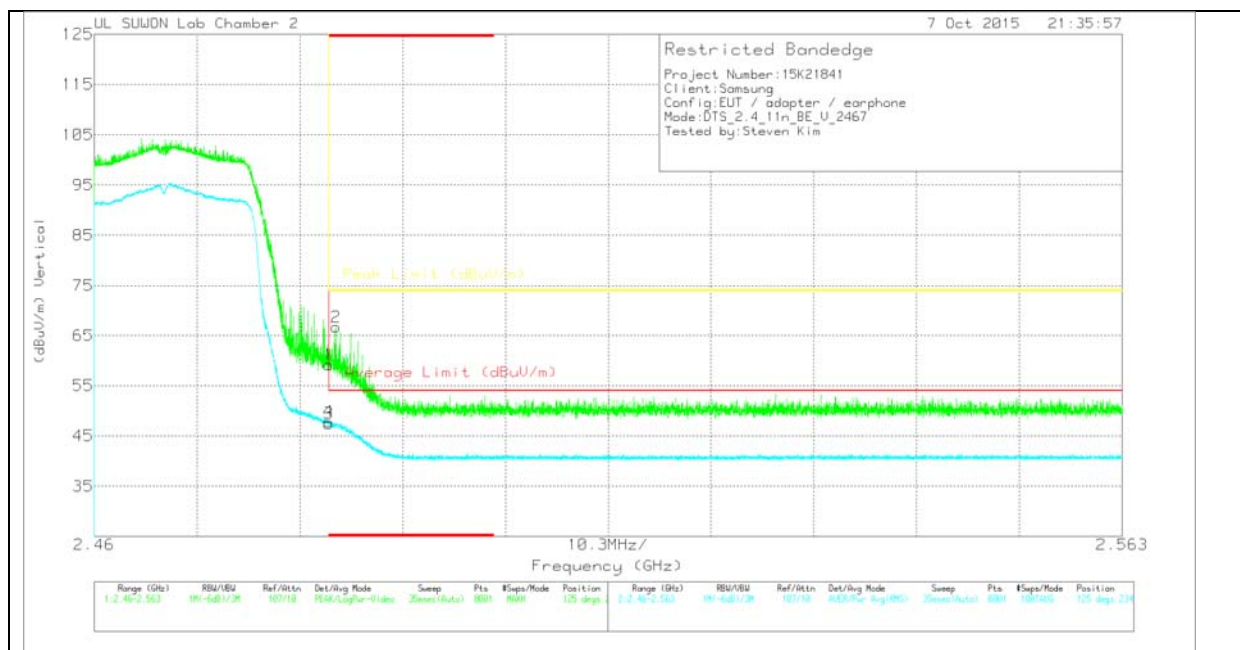
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117/001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.54	Pk	31.8	-19.4	0	57.94	-	-	74	-16.06	356	137	H
2	* 2.484	52.65	Pk	31.8	-19.4	0	65.05	-	-	74	-8.95	356	137	H
3	* 2.484	34.5	RMS	31.8	-19.4	.33	47.23	54	-6.77	-	-	356	137	H
4	* 2.484	34.53	RMS	31.8	-19.4	.33	47.26	54	-6.74	-	-	356	137	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	46.79	Pk	31.8	-19.4	0	59.19	-	-	74	-14.81	125	234	V
2	* 2.484	54.38	Pk	31.8	-19.4	0	66.78	-	-	74	-7.22	125	234	V
3	* 2.484	34.77	RMS	31.8	-19.4	.33	47.5	54	-6.5	-	-	125	234	V
4	* 2.484	35.13	RMS	31.8	-19.4	.33	47.86	54	-6.14	-	-	125	234	V

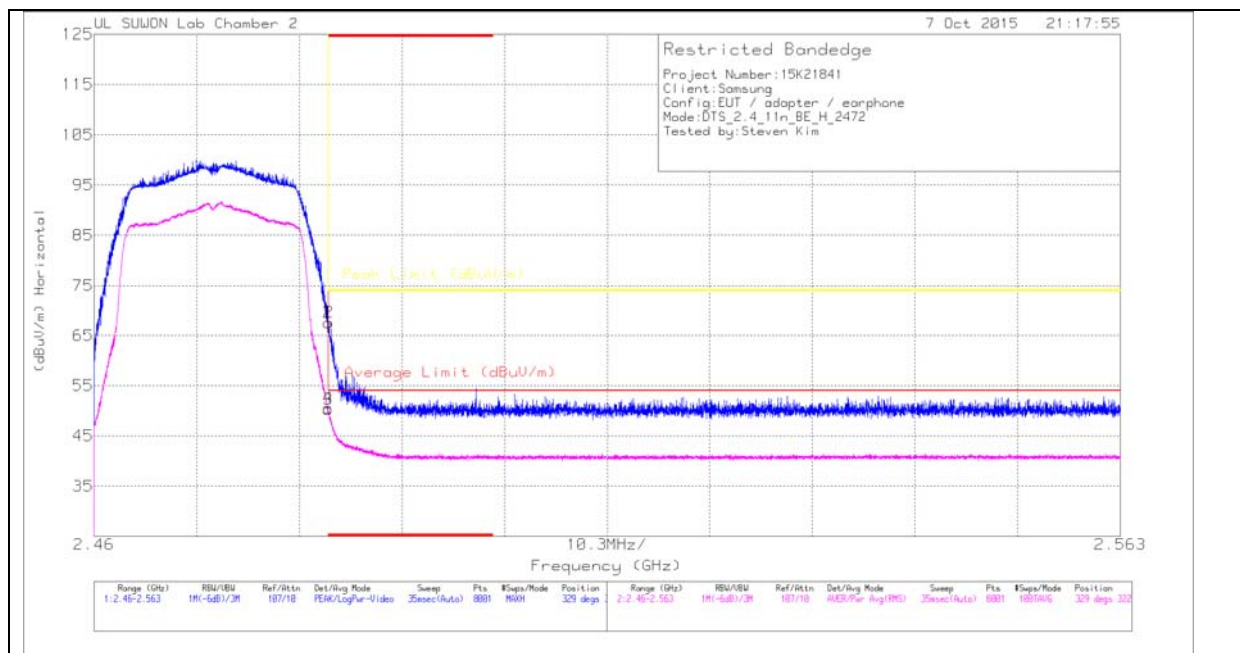
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (13 CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

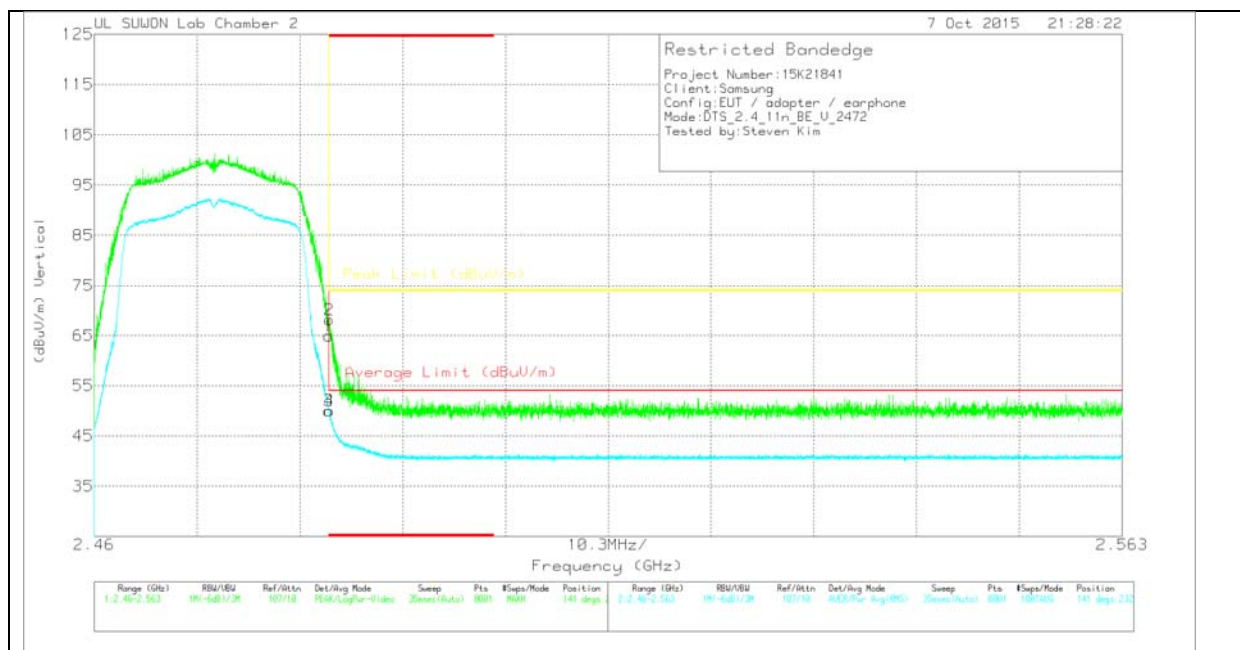
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	Path_2_10dB	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	55.26	Pk	31.8	-19.4	0	67.66	-	-	74	-6.34	329	322	H
2	* 2.484	55.31	Pk	31.8	-19.4	0	67.71	-	-	74	-6.29	329	322	H
3	* 2.484	37.58	RMS	31.8	-19.4	.33	50.31	54	-3.69	-	-	329	322	H
4	* 2.484	37.82	RMS	31.8	-19.4	.33	50.55	54	-3.45	-	-	329	322	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	52.52	Pk	31.8	-19.4	0	64.92	-	-	74	-9.08	141	232	V
2	* 2.484	55.82	Pk	31.8	-19.4	0	68.22	-	-	74	-5.78	141	232	V
3	* 2.484	37.33	RMS	31.8	-19.4	.33	50.06	54	-3.94	-	-	141	232	V
4	* 2.484	37.3	RMS	31.8	-19.4	.33	50.03	54	-3.97	-	-	141	232	V

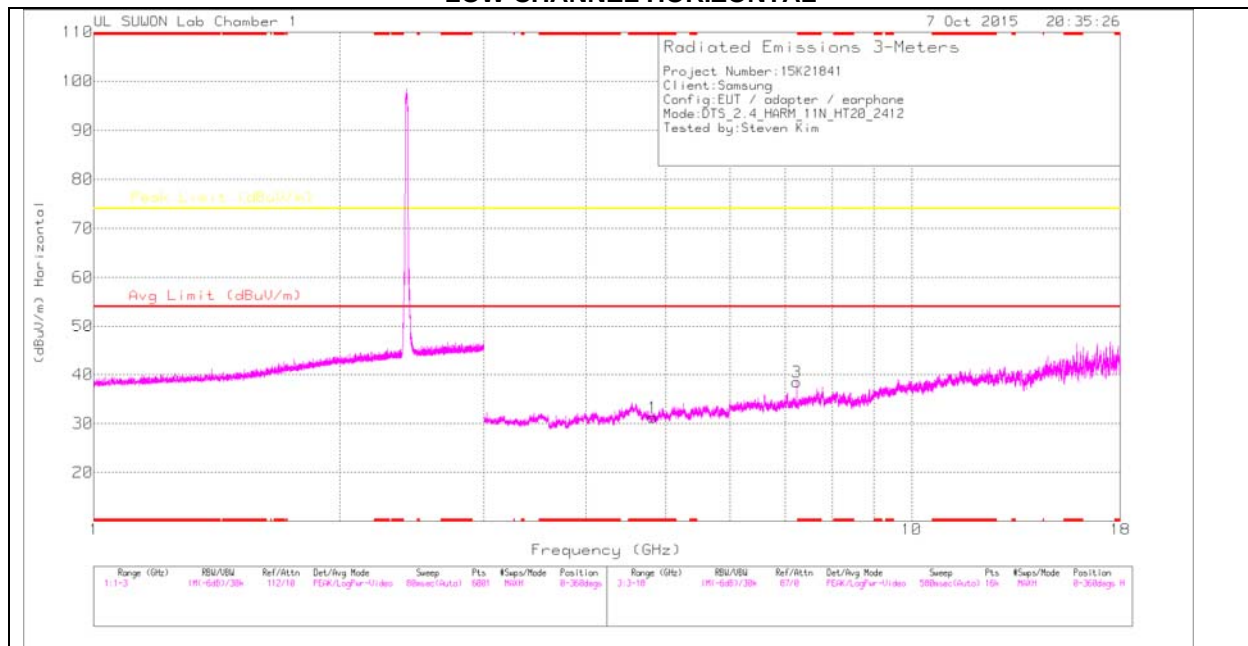
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

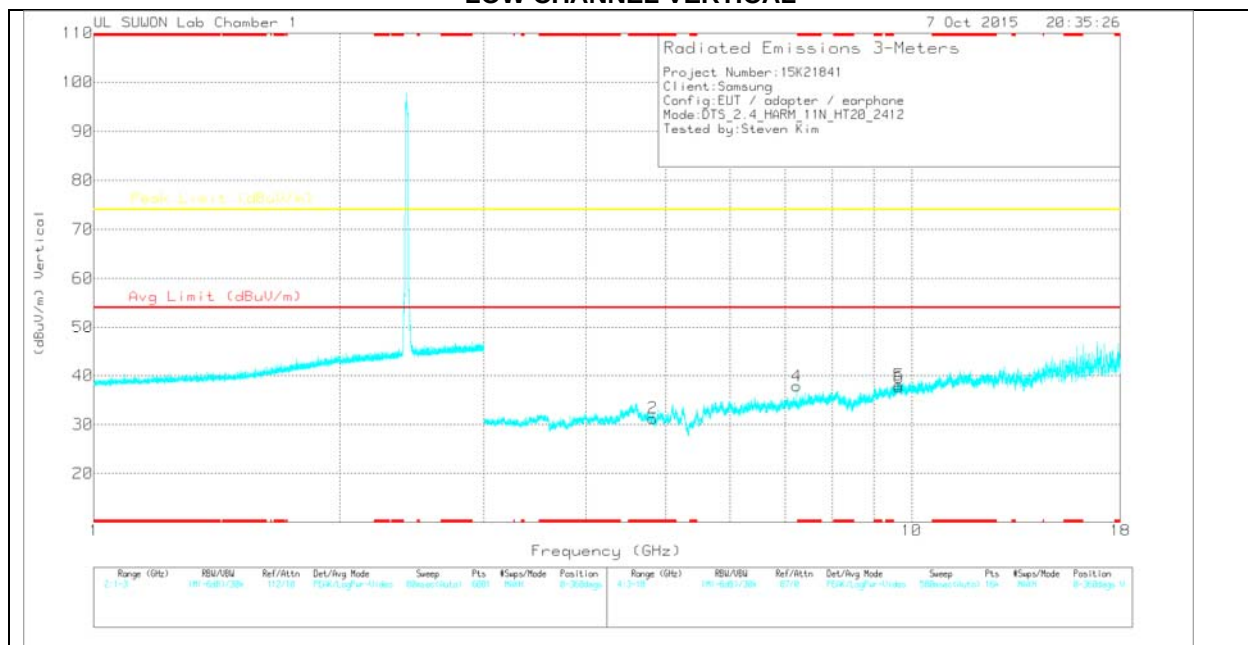
RMS - RMS detection

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	26.85	PK	34	-29.6	0	31.25	-	-	74	-42.75	0-360	200	H
3	7.235	28.31	PK	35.7	-25.5	0	38.51	-	-	74	-35.49	0-360	200	H
2	* 4.825	26.81	PK	34	-29.5	0	31.31	-	-	74	-42.69	0-360	200	V
4	7.236	27.65	PK	35.7	-25.5	0	37.85	-	-	74	-36.15	0-360	200	V
5	9.647	21.8	PK	37.1	-20.8	0	38.1	-	-	74	-35.9	0-360	200	V
6	9.646	21.33	PK	37.1	-20.8	0	37.63	-	-	74	-36.37	0-360	200	V

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

PK – Peak detector

Radiated Emissions

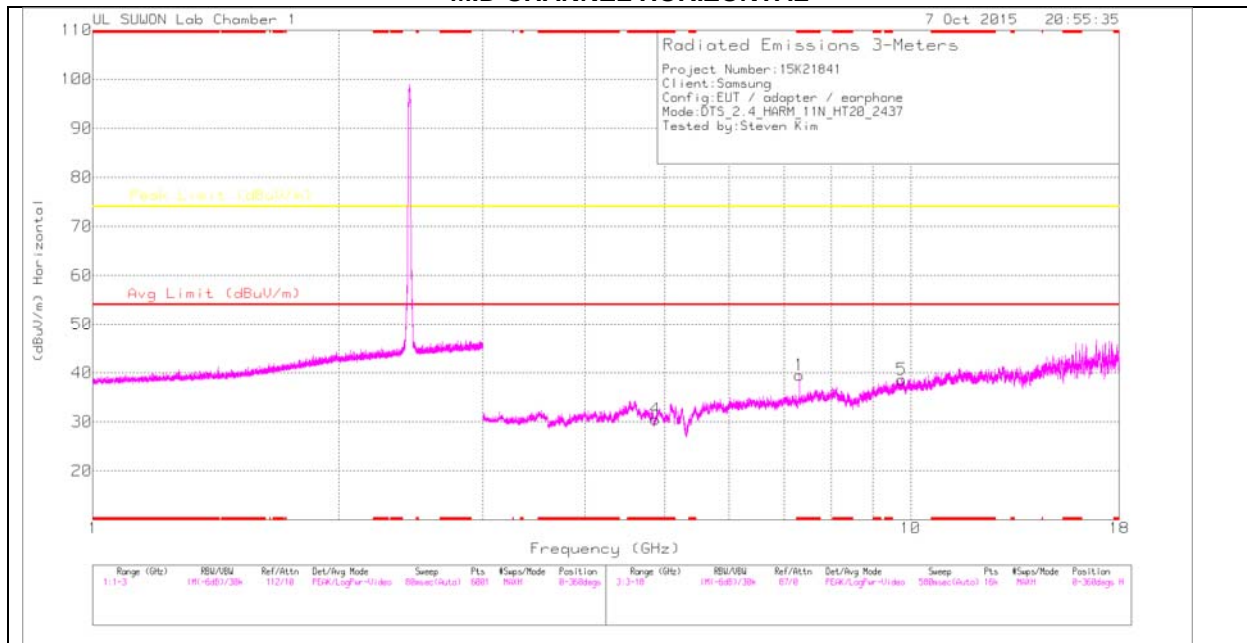
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3G HP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
7.236	37.21	PK2	35.7	-25.5	0	47.41	-	-	74	-26.59	258	171	H
7.236	37.41	PK2	35.7	-25.5	0	47.61	-	-	74	-26.39	54	188	V

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

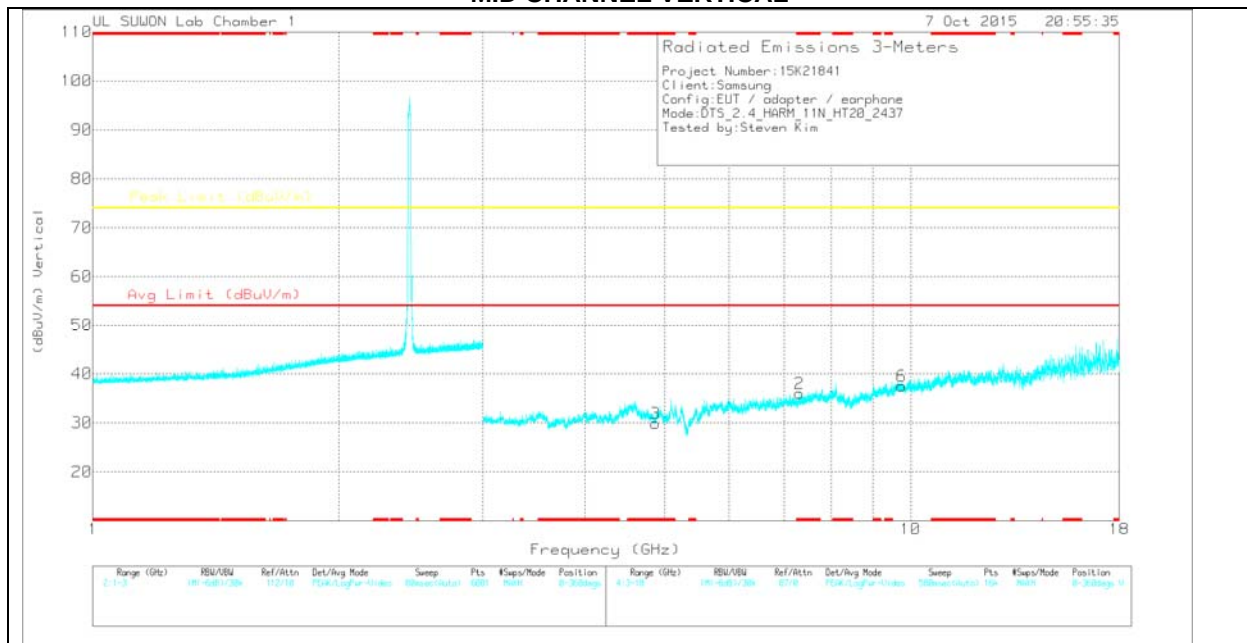
PK2 - KDB558074 Method: Maximum Peak

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	* 7.31	29.54	PK	35.7	-25.7	0	39.54	-	-	74	-34.46	0-360	200	H
4	* 4.874	25.76	PK	34	-29.2	0	30.56	-	-	74	-43.44	0-360	200	H
5	9.748	23.37	PK	37.2	-21.9	0	38.67	-	-	74	-35.33	0-360	200	H
2	* 7.311	25.97	PK	35.7	-25.7	0	35.97	-	-	74	-38.03	0-360	200	V
3	* 4.874	25.06	PK	34	-29.2	0	29.86	-	-	74	-44.14	0-360	200	V
6	9.748	22.17	PK	37.2	-21.9	0	37.47	-	-	74	-36.53	0-360	200	V

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

PK – Peak detector

Radiated Emissions

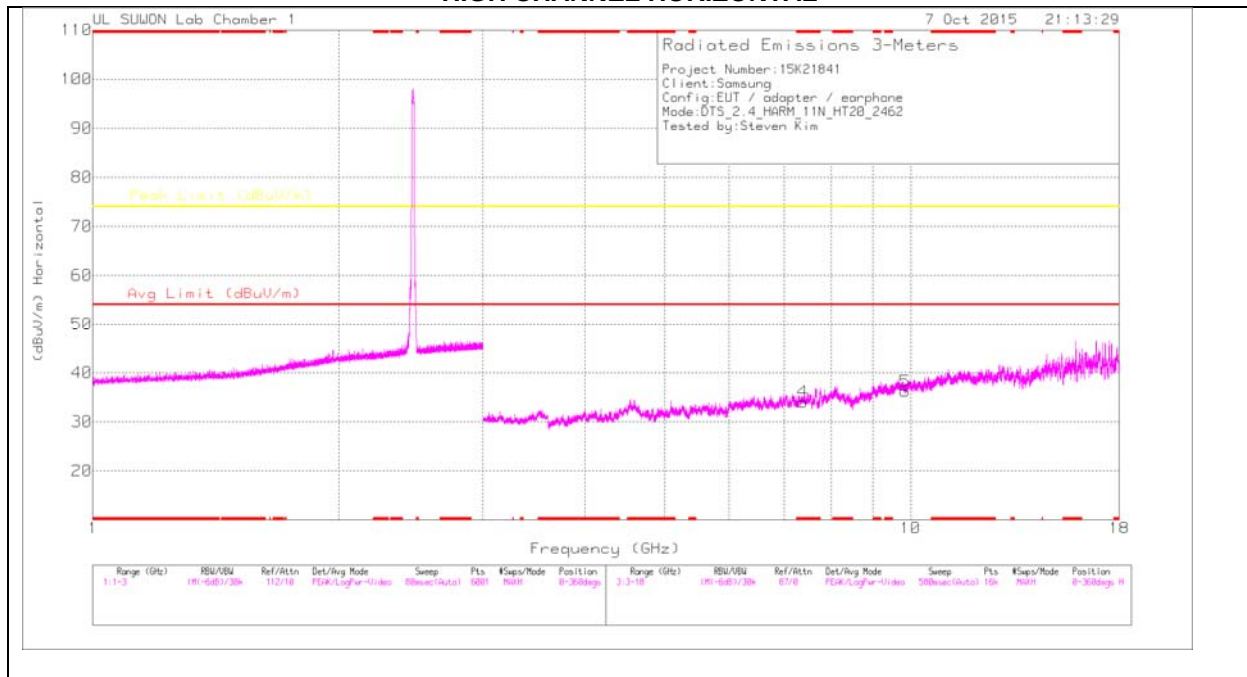
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8717)_150 619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.311	38.17	PK2	35.7	-25.7	0	48.17	-	-	74	-25.83	277	299	H
* 7.311	27.77	MAv1	35.7	-25.7	.33	38.1	54	-15.9	-	-	277	299	H

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

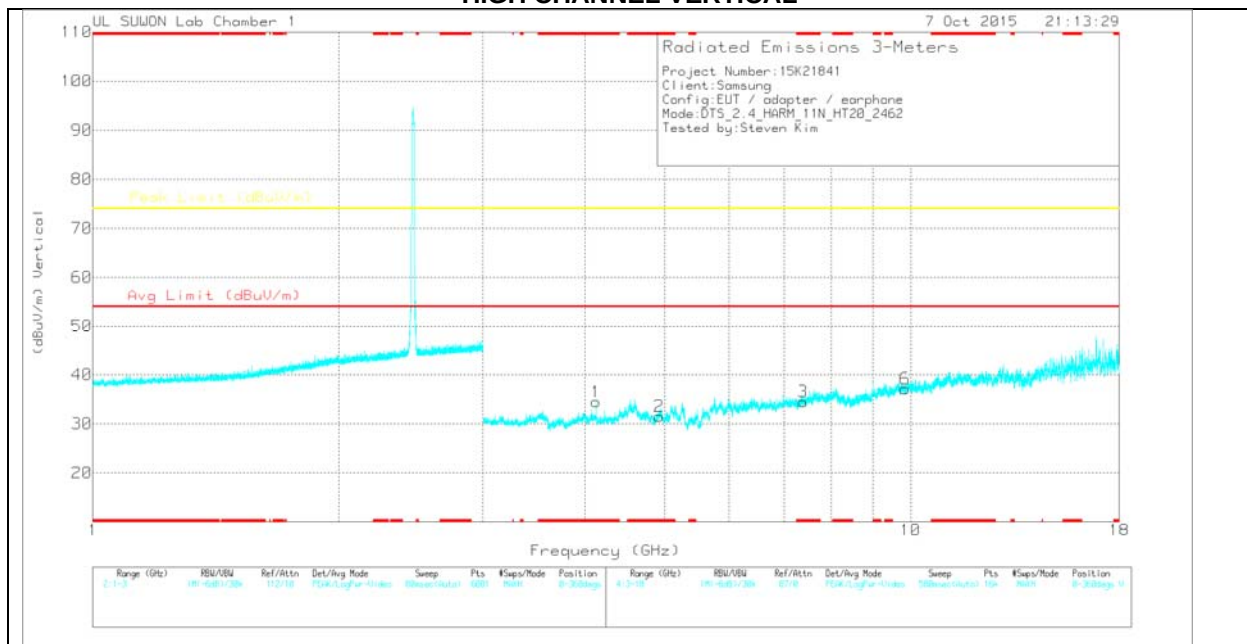
PK2 - KDB558074 Method: Maximum Peak

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
4	* 7.383	23.35	PK	35.8	-25.1	0	34.05	-	-	74	-39.95	0-360	100	H
5	9.845	20.67	PK	37.3	-21.7	0	36.27	-	-	74	-37.73	0-360	100	H
1	* 4.124	30.47	PK	33.5	-29.5	0	34.47	-	-	74	-39.53	0-360	100	V
2	* 4.924	26.54	PK	34	-29	0	31.54	-	-	74	-42.46	0-360	100	V
3	* 7.384	23.84	PK	35.8	-25.1	0	34.54	-	-	74	-39.46	0-360	100	V
6	9.845	21.56	PK	37.3	-21.7	0	37.16	-	-	74	-36.84	0-360	100	V

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

PK – Peak detector

Radiated Emissions

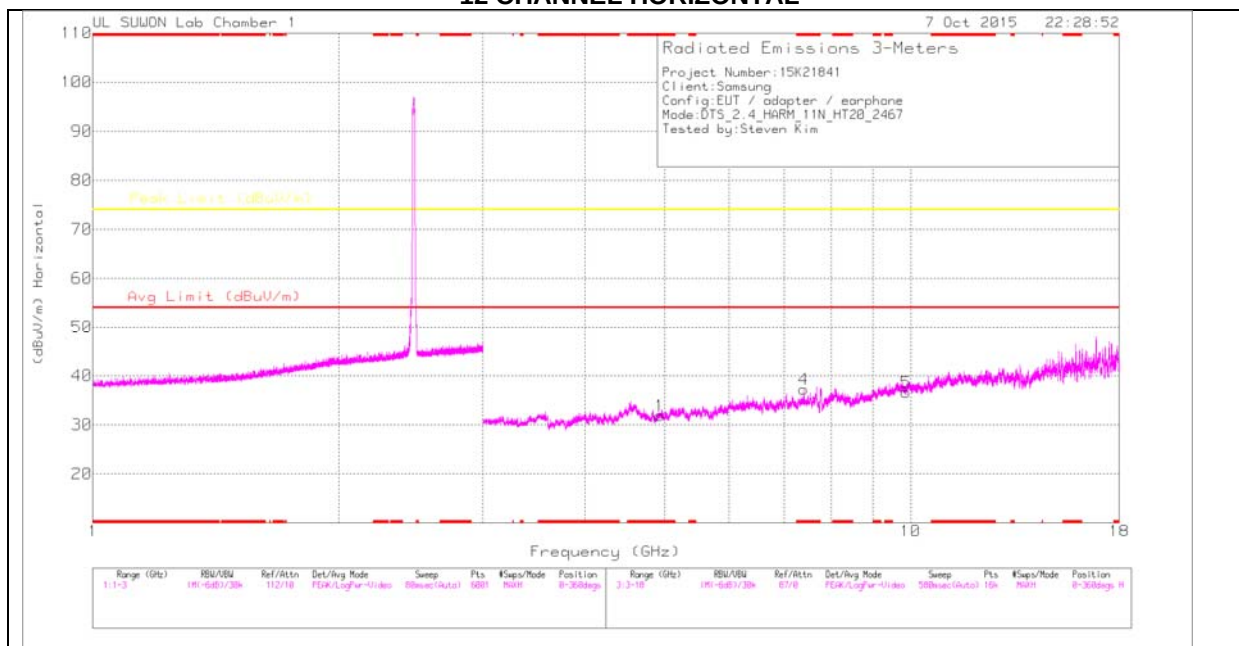
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001 68717)_1 50619	Path_3_3 GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 4.125	40.62	PK2	33.5	-29.5	0	44.62	-	-	74	-29.38	341	101	V
* 4.125	28.61	MAv1	33.5	-29.5	0	32.61	54	-21.39	-	-	341	101	V

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

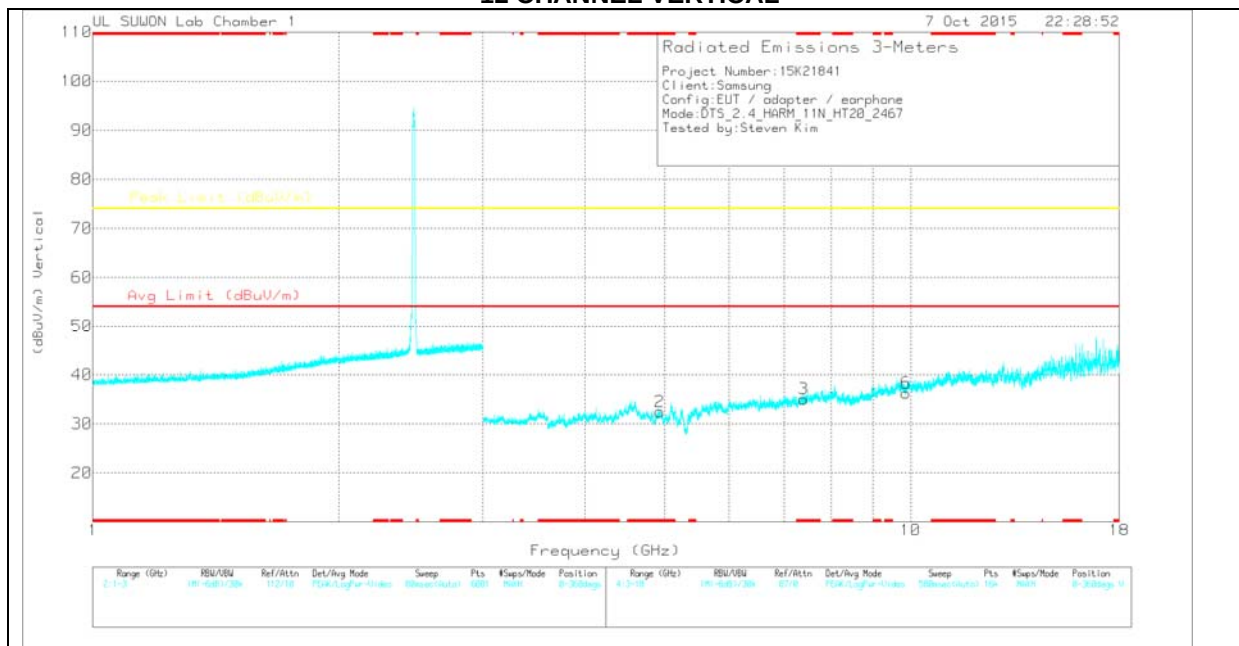
PK2 - KDB558074 Method: Maximum Peak

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

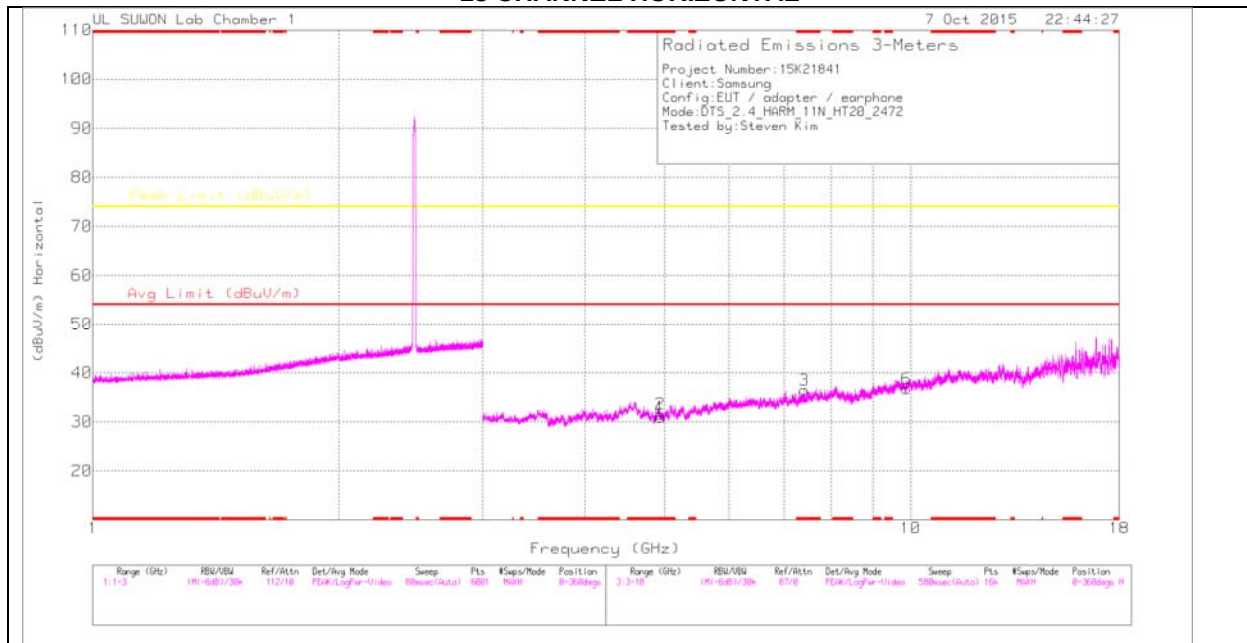
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 17)_150619	Path_3_3GHP	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.934	26.84	PK	34	-29	0	31.84	-	-	74	-42.16	0-360	200	H
4	* 7.401	26.41	PK	35.8	-25	0	37.21	-	-	74	-36.79	0-360	200	H
5	9.867	20.59	PK	37.3	-21.3	0	36.59	-	-	74	-37.41	0-360	200	H
2	* 4.934	27.45	PK	34	-29	0	32.45	-	-	74	-41.55	0-360	200	V
3	* 7.401	24.26	PK	35.8	-25	0	35.06	-	-	74	-38.94	0-360	200	V
6	9.868	20.19	PK	37.3	-21.2	0	36.29	-	-	74	-37.71	0-360	200	V

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

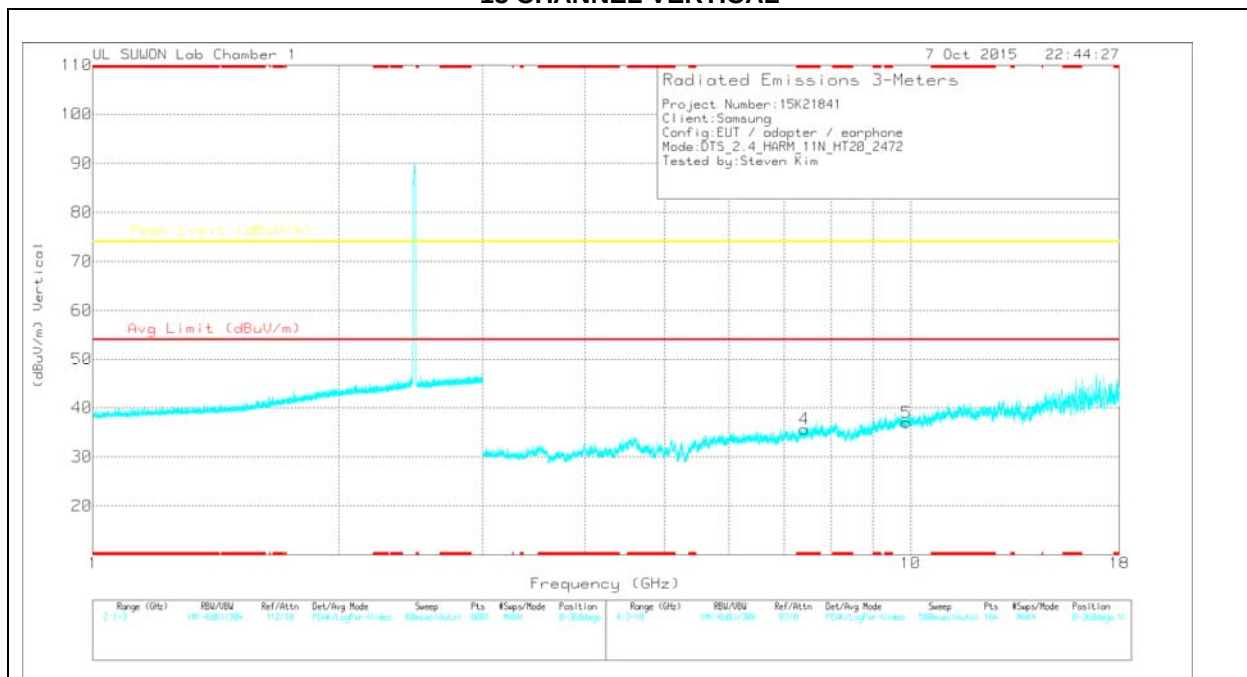
PK – Peak detector

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	* 4.943	25.93	PK	34	-29	0	30.93	-	-	74	-43.07	0-360	100	H
2	* 4.944	26.57	PK	34	-29	0	31.57	-	-	74	-42.43	0-360	100	H
3	* 7.416	25.58	PK	35.8	-24.9	0	36.48	-	-	74	-37.52	0-360	200	H
6	9.888	20.25	PK	37.3	-20.8	0	36.75	-	-	74	-37.25	0-360	200	H
4	* 7.415	24.76	PK	35.8	-24.9	0	35.66	-	-	74	-38.34	0-360	200	V
5	9.888	20.47	PK	37.3	-20.8	0	36.97	-	-	74	-37.03	0-360	200	V

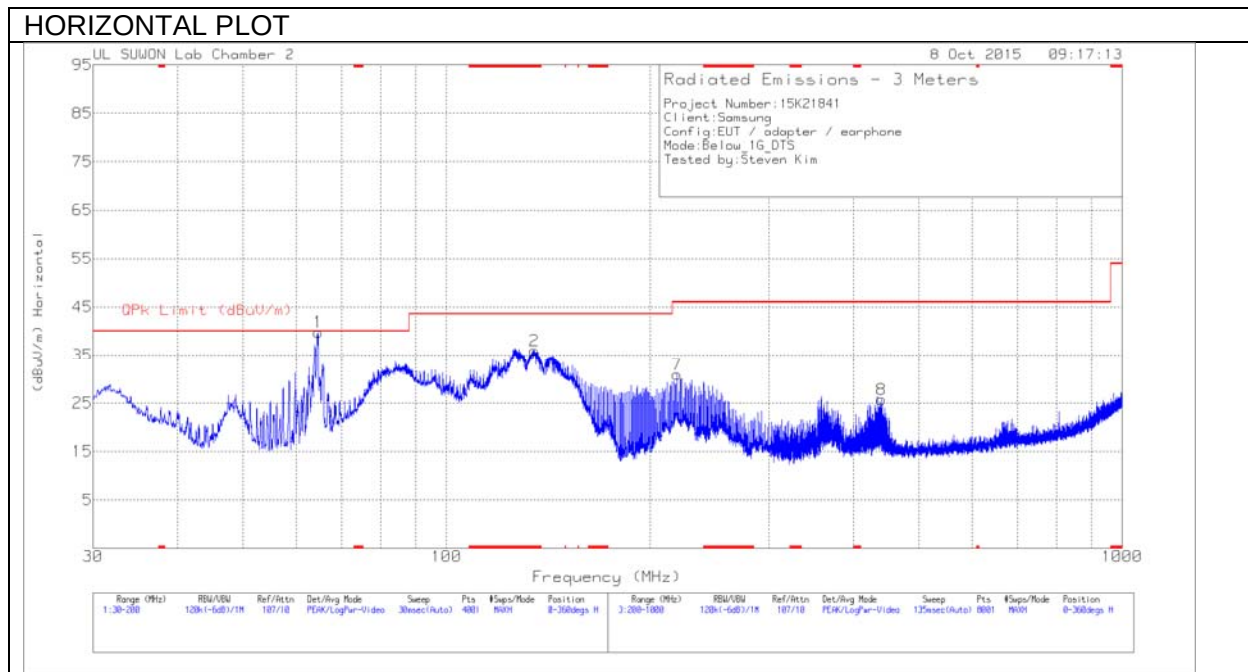
* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK – Peak detector

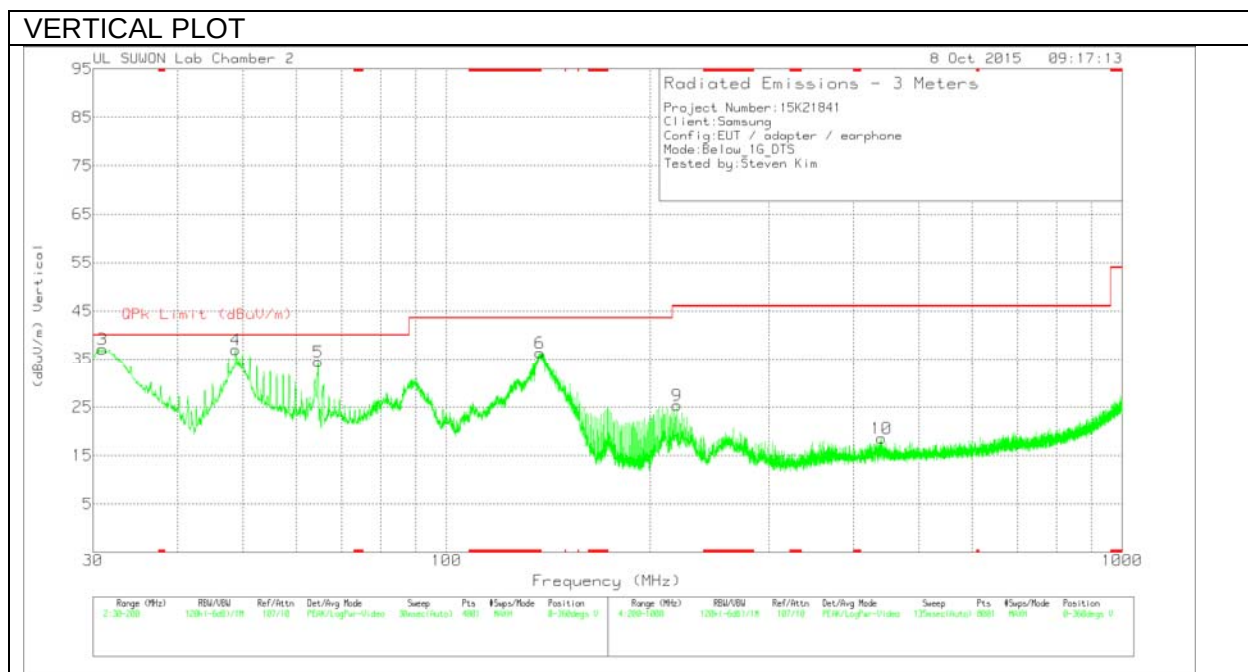
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3. WORST-CASE BELOW 1 GHz

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



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	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	64.595	59.24	Pk	11.3	-30.7	0	39.84	40	-.16	0-360	400	H
2	* 134.975	58.04	Pk	8.5	-30.5	0	36.04	43.52	-7.48	0-360	200	H
3	30.9775	57.64	Pk	10.3	-30.8	0	37.14	40	-2.86	0-360	100	V
4	48.785	53.64	Pk	14.1	-30.7	0	37.04	40	-2.96	0-360	100	V
5	64.595	53.87	Pk	11.3	-30.7	0	34.47	40	-5.53	0-360	400	V
6	* 137.4613	58.63	Pk	8.2	-30.5	0	36.33	43.52	-7.19	0-360	100	V
7	219.5	49.37	Pk	11.8	-30.2	0	30.97	46.02	-15.05	0-360	100	H
8	440.3	40	Pk	15.5	-29.7	0	25.8	46.02	-20.22	0-360	100	H
9	219.5	43.72	Pk	11.8	-30.2	0	25.32	46.02	-20.7	0-360	100	V
10	440.3	32.76	Pk	15.5	-29.7	0	18.56	46.02	-27.46	0-360	200	V

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

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	VULB9163-749	Below_1G	DC Corr (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
64.678	52.69	Qp	11.3	-30.7	0	33.29	40	-6.71	266	270	H

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

Qp - Quasi-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.

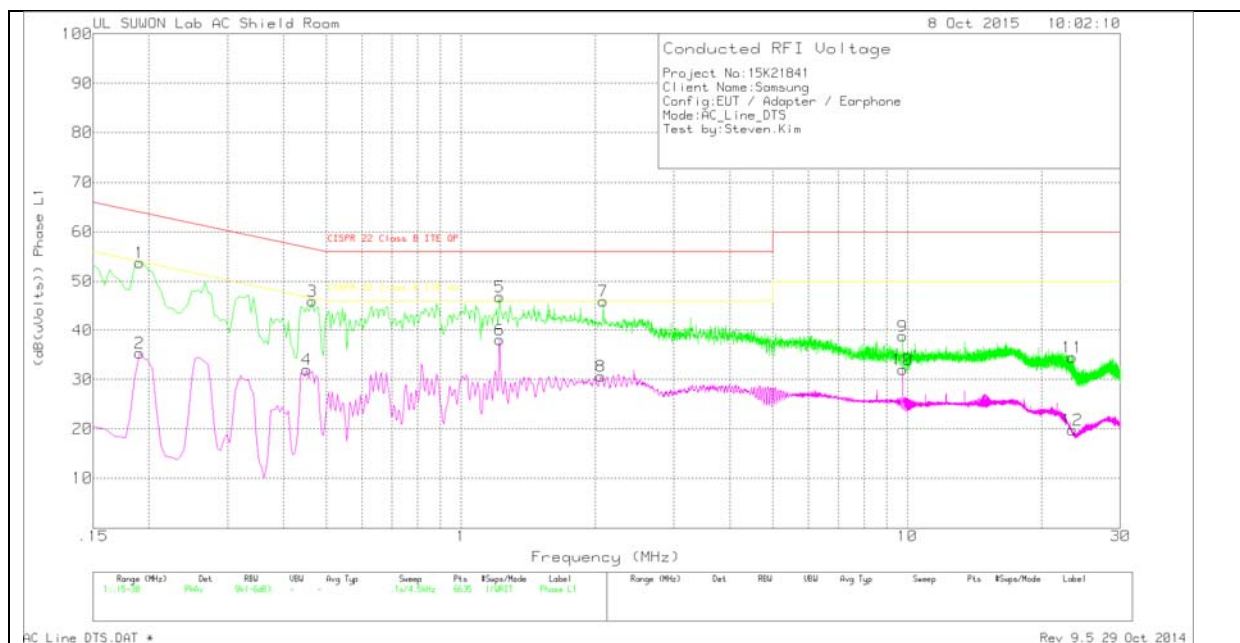
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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	.1905	43.82	Pk	10	0	53.82	64.01	-10.19	-	-
2	.1905	25.37	Av	10	0	35.37	-	-	54.01	-18.64
3	.465	35.93	Pk	10.1	0	46.03	56.6	-10.57	-	-
4	.4515	21.87	Av	10.1	0	31.97	-	-	46.85	-14.88
5	1.221	36.96	Pk	9.8	.1	46.86	56	-9.14	-	-
6	1.221	28.16	Av	9.8	.1	38.06	-	-	46	-7.94
7	2.0805	36.09	Pk	9.8	.1	45.99	56	-10.01	-	-
8	2.058	20.74	Av	9.8	.1	30.64	-	-	46	-15.36
9	9.7575	28.68	Pk	9.9	.2	38.78	60	-21.22	-	-
10	9.7575	21.92	Av	9.9	.2	32.02	-	-	50	-17.98
11	23.4015	23.73	Pk	10.5	.2	34.43	60	-25.57	-	-
12	23.4015	9.02	Av	10.5	.2	19.72	-	-	50	-30.28

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

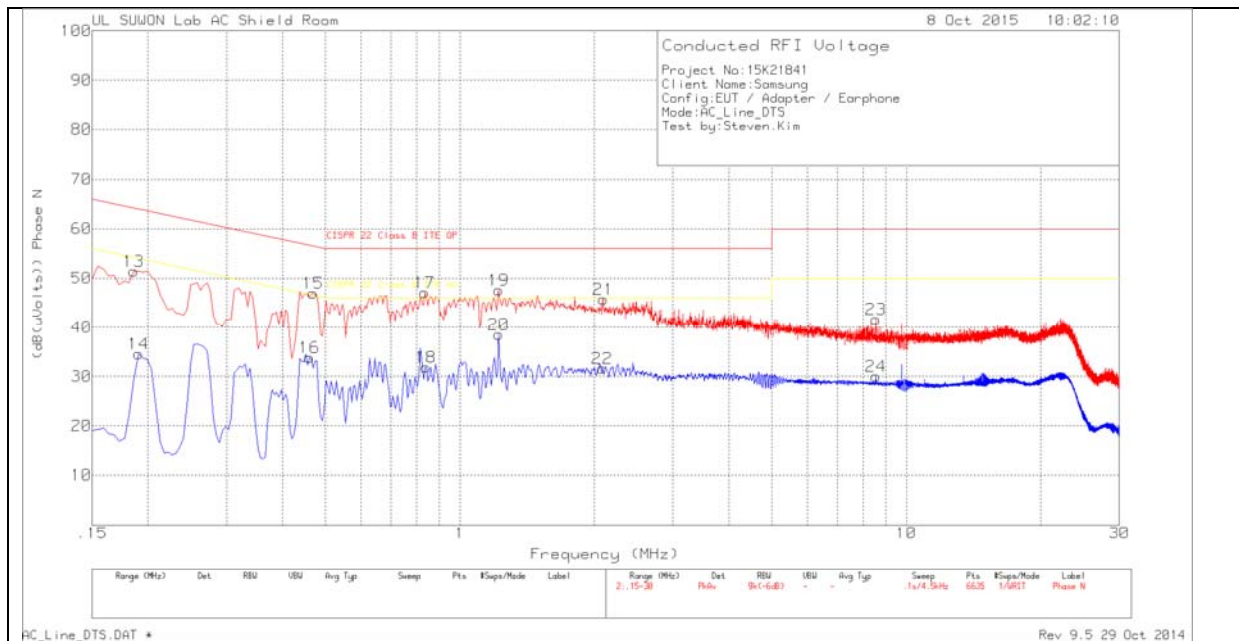
Phase L1 .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_wit h 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)
1.2201	33.53	Qp	9.8	.1	43.43	56	-12.57	-	-

Qp - Quasi-Peak detector

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	.186	41.48	Pk	10	0	51.48	64.21	-12.73	-	-
14	.1905	24.63	Av	10	0	34.63	-	-	54.01	-19.38
15	.4695	36.88	Pk	10.1	0	46.98	56.52	-9.54	-	-
16	.4605	23.78	Av	10.1	0	33.88	-	-	46.68	-12.8
17	.834	37.25	Pk	9.9	0	47.15	56	-8.85	-	-
18	.8385	21.97	Av	9.9	0	31.87	-	-	46	-14.13
19	1.221	37.7	Pk	9.8	.1	47.6	56	-8.4	-	-
20	1.221	28.61	Av	9.8	.1	38.51	-	-	46	-7.49
21	2.094	35.84	Pk	9.8	.1	45.74	56	-10.26	-	-
22	2.085	21.77	Av	9.8	.1	31.67	-	-	46	-14.33
23	8.538	31.56	Pk	10	.1	41.66	60	-18.34	-	-
24	8.538	19.92	Av	10	.1	30.02	-	-	50	-19.98

Pk - Peak detector

Av - Average detection

Quasi-Peak Emissions

Phase N .15 - 30MHz

Frequency (MHz)	Meter Reading (dBuV)	Det	101837_wit h 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)
.474	34.81	Qp	10.1	0	44.91	56.44	-11.53	-	-
.8385	33.62	Qp	9.9	0	43.52	56	-12.48	-	-
1.221	34.88	Qp	9.8	.1	44.78	56	-11.22	-	-

Qp - Quasi-Peak detector