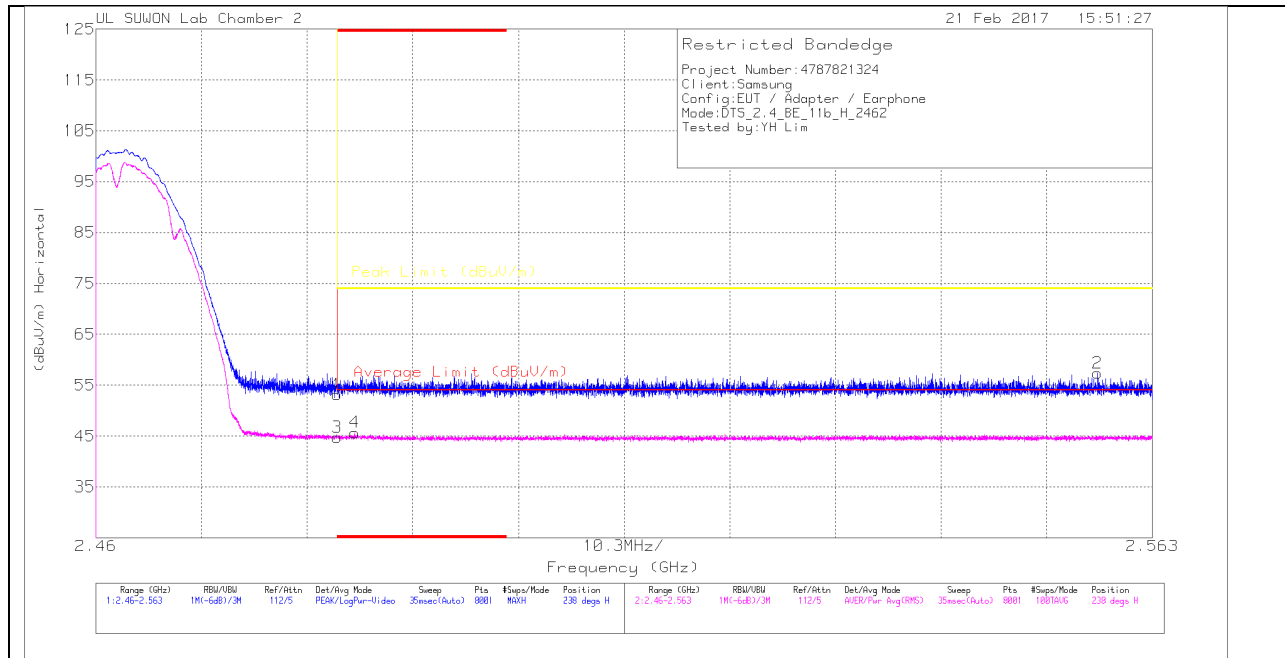


**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Trace Markers

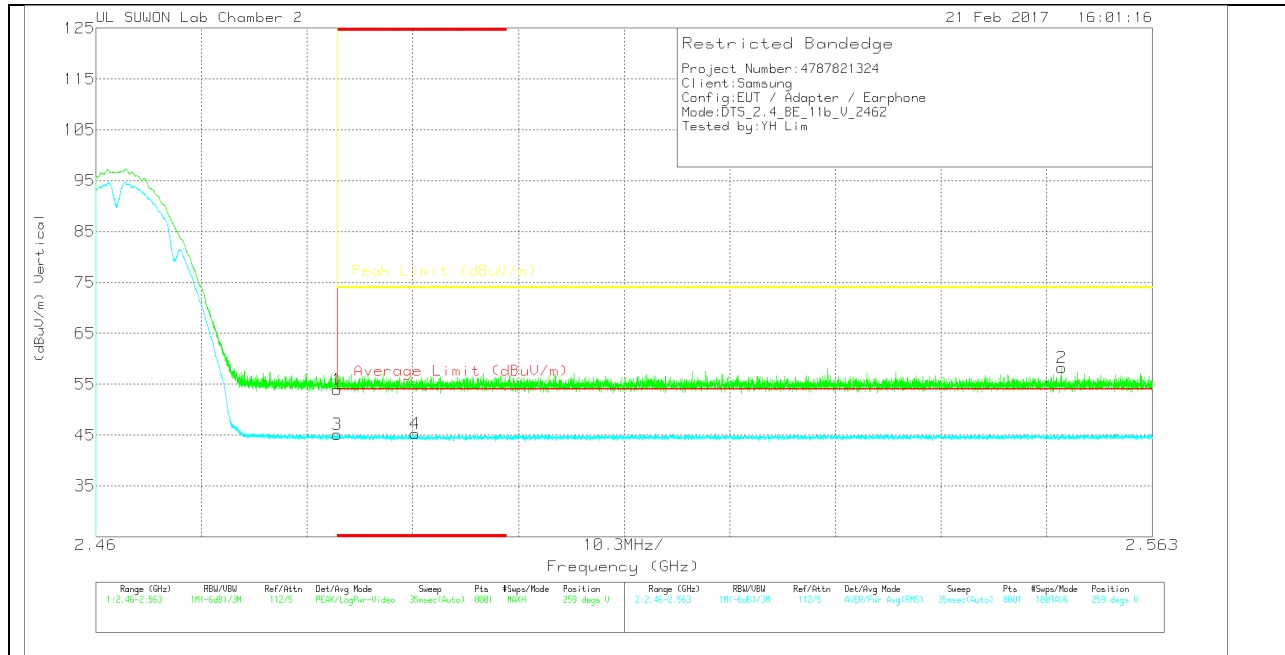
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	39.42	Pk		-18	0	53.22	-	-	74	-20.78	238	164	H
2	2.558	43.44	Pk		-18	0	57.34	-	-	74	-16.66	238	164	H
3	* 2.484	30.94	RMS		-18	0	44.74	54	-9.26	-	-	238	164	H
4	* 2.485	31.89	RMS		-18	0	45.69	54	-8.31	-	-	238	164	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	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	40.09	Pk	31.8	-18	0	53.89	-	-	74	-20.11	259	163	V
2	2.554	44.38	Pk	31.9	-18	0	58.28	-	-	74	-15.72	259	163	V
3	* 2.484	31.31	RMS	31.8	-18	0	45.11	54	-8.89	-	-	259	163	V
4	* 2.491	31.46	RMS	31.8	-18	0	45.26	54	-8.74	-	-	259	163	V

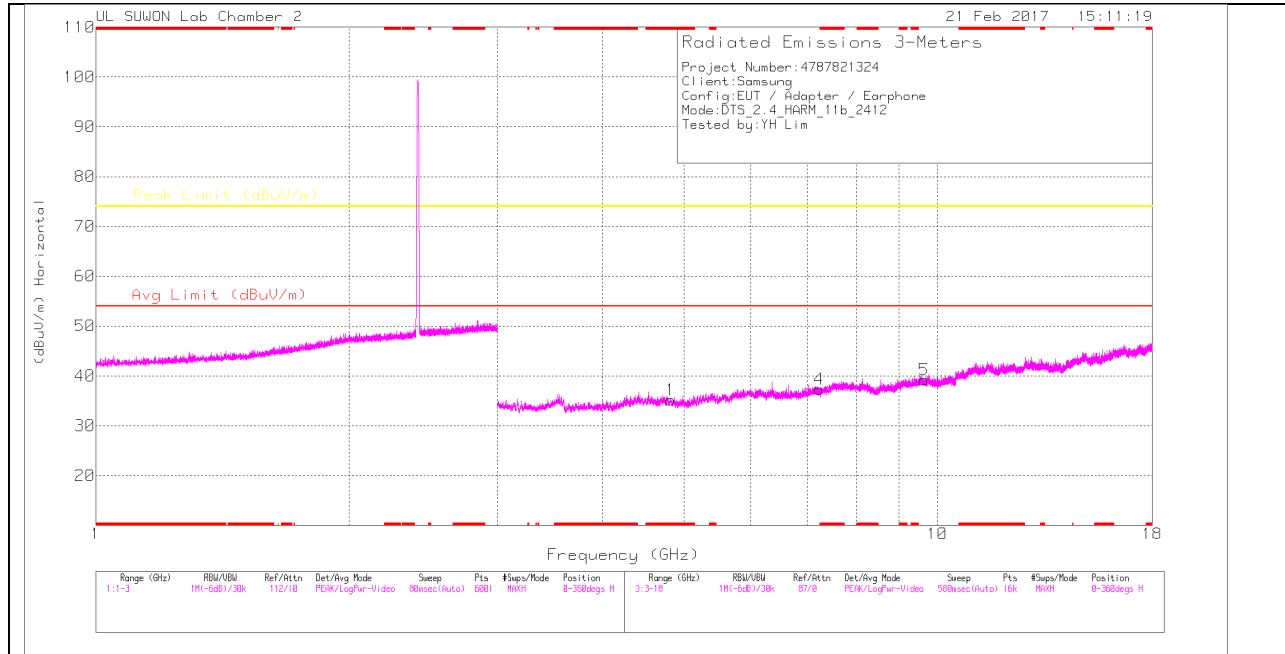
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

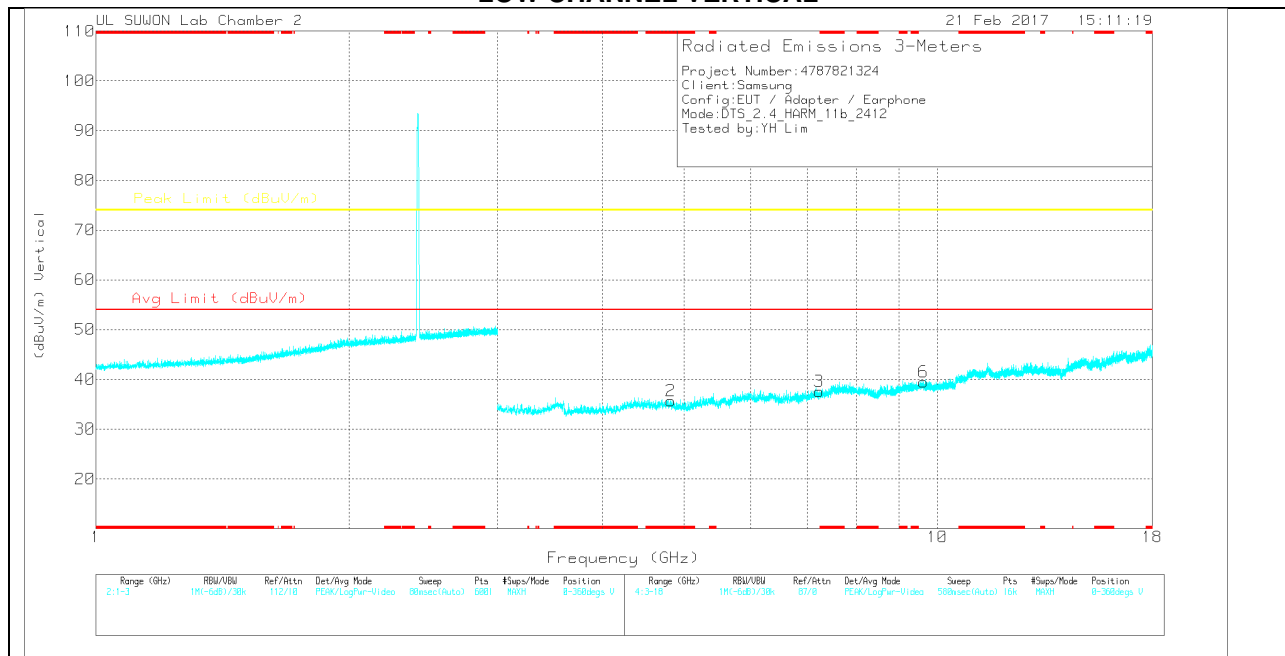
RMS - RMS detection

### 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

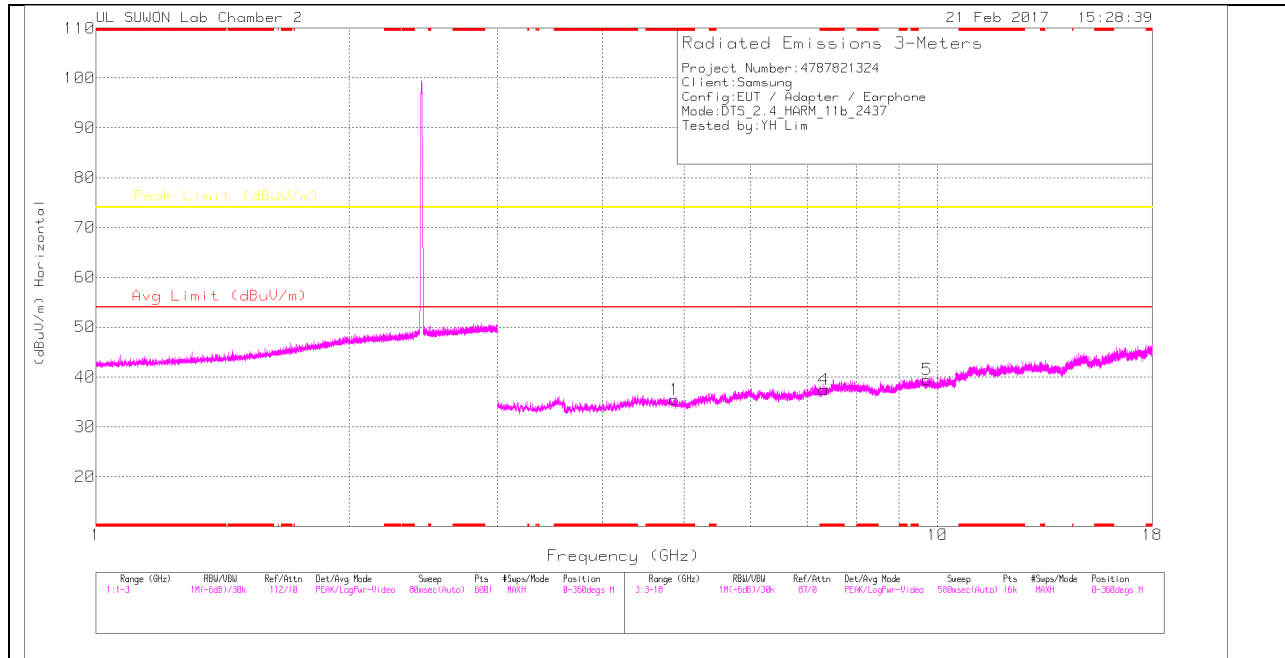
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.823	25.63	Pk	33.9	-24.3	0	35.23	-	-	74	-38.77	0-360	150	H
4	7.232	23.46	Pk	35.8	-21.9	0	37.36	-	-	74	-36.64	0-360	150	H
5	9.633	20.66	Pk	36.9	-18.3	0	39.26	-	-	74	-34.74	0-360	150	H
2	* 4.823	26.13	Pk	33.9	-24.3	0	35.73	-	-	74	-38.27	0-360	250	V
3	7.23	23.63	Pk	35.8	-21.9	0	37.53	-	-	74	-36.47	0-360	150	V
6	9.631	20.91	Pk	36.9	-18.3	0	39.51	-	-	74	-34.49	0-360	250	V

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

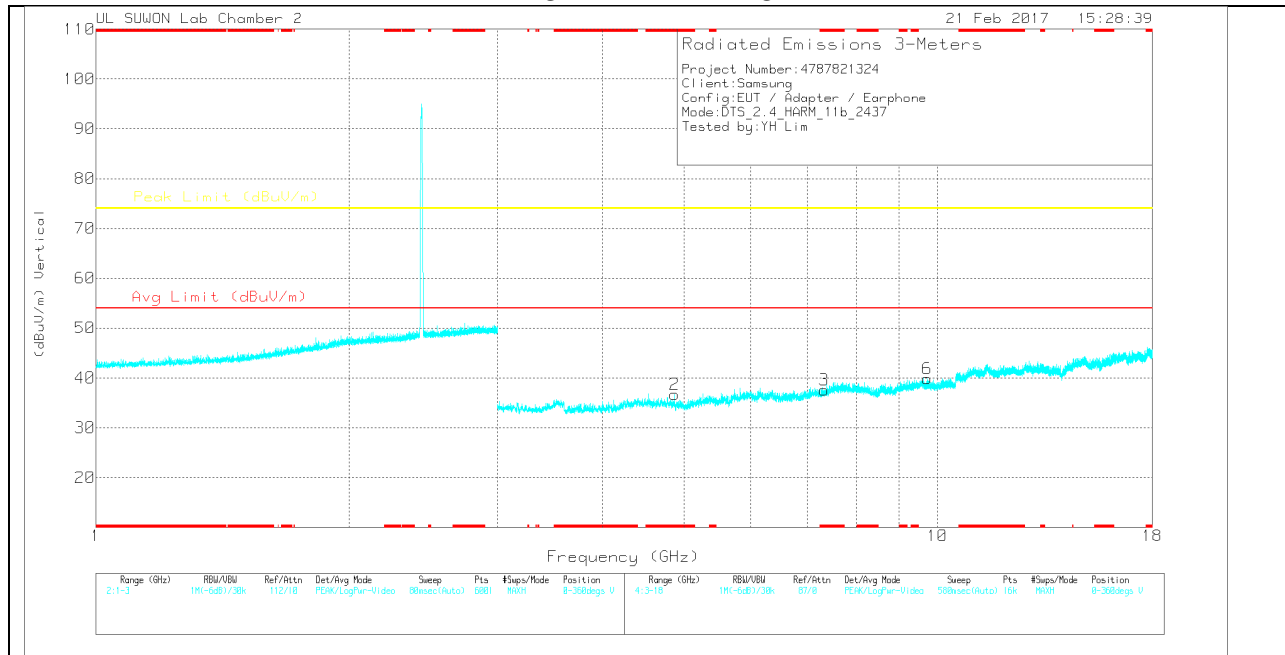
Pk – Peak detector

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

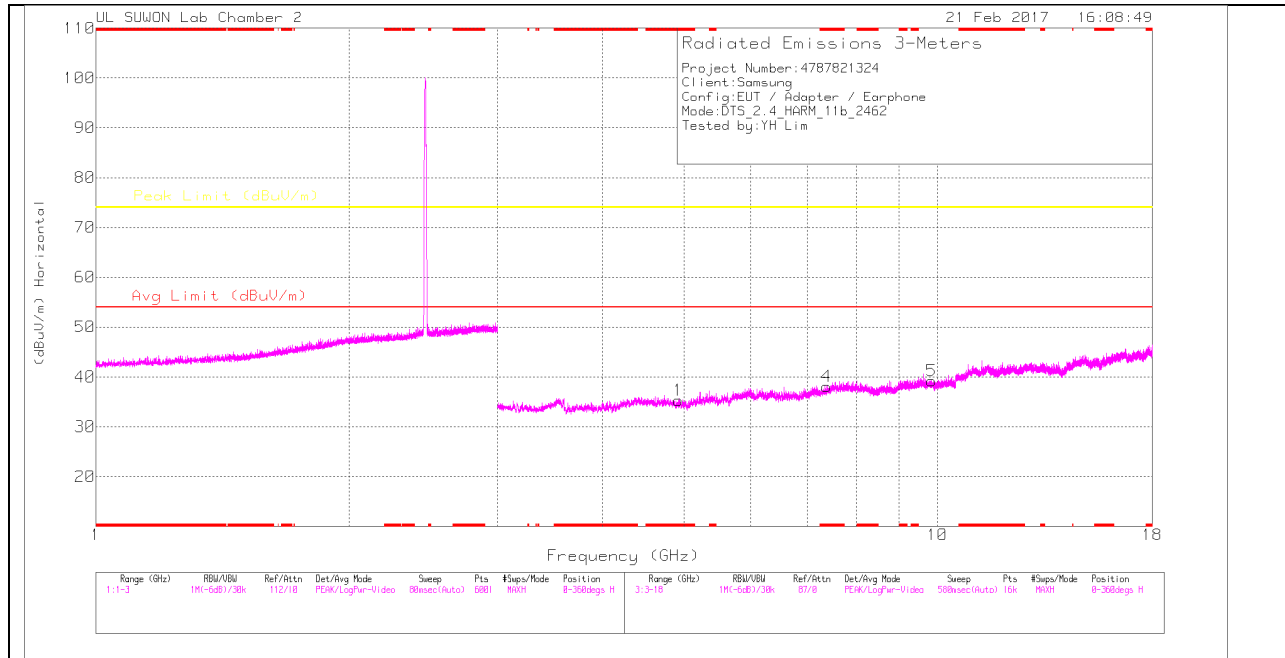
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.874	26.09	Pk	33.9	-24.5	0	35.49	-	-	74	-38.51	0-360	150	H
4	* 7.328	23.43	Pk	35.9	-21.9	0	37.43	-	-	74	-36.57	0-360	150	H
5	9.729	20.61	Pk	37	-18.1	0	39.51	-	-	74	-34.49	0-360	250	H
2	* 4.874	27.33	Pk	33.9	-24.5	0	36.73	-	-	74	-37.27	0-360	250	V
3	* 7.333	23.62	Pk	35.9	-21.9	0	37.62	-	-	74	-36.38	0-360	250	V
6	9.727	20.95	Pk	37	-18.1	0	39.85	-	-	74	-34.15	0-360	150	V

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

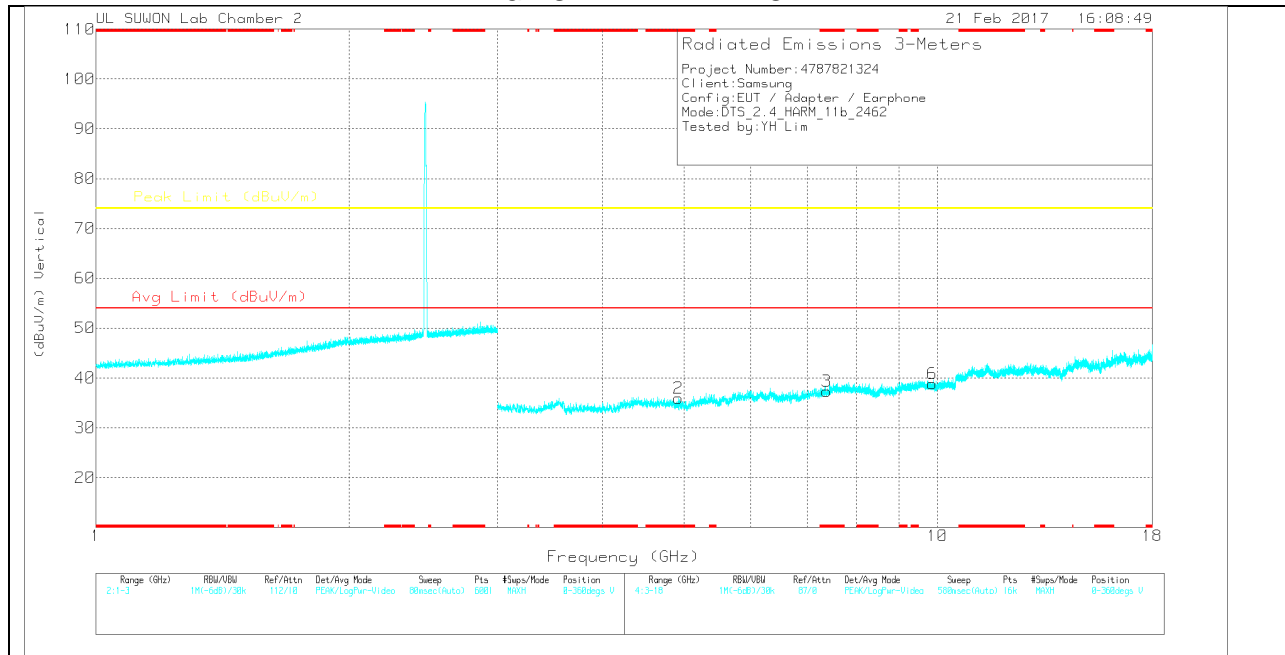
Pk – Peak detector

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

**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 24_150619)	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	26.07	PK	33.9	-24.7	0	35.27	-	-	74	-38.73	0-360	250	H
4	* 7.383	23.61	PK	35.9	-21.4	0	38.11	-	-	74	-35.89	0-360	150	H
5	9.849	20.02	PK	37.1	-17.9	0	39.22	-	-	74	-34.78	0-360	150	H
2	* 4.924	26.72	PK	33.9	-24.7	0	35.92	-	-	74	-38.08	0-360	150	V
3	* 7.384	22.78	PK	35.9	-21.4	0	37.28	-	-	74	-36.72	0-360	250	V
6	9.853	19.66	PK	37.1	-17.9	0	38.86	-	-	74	-35.14	0-360	250	V

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

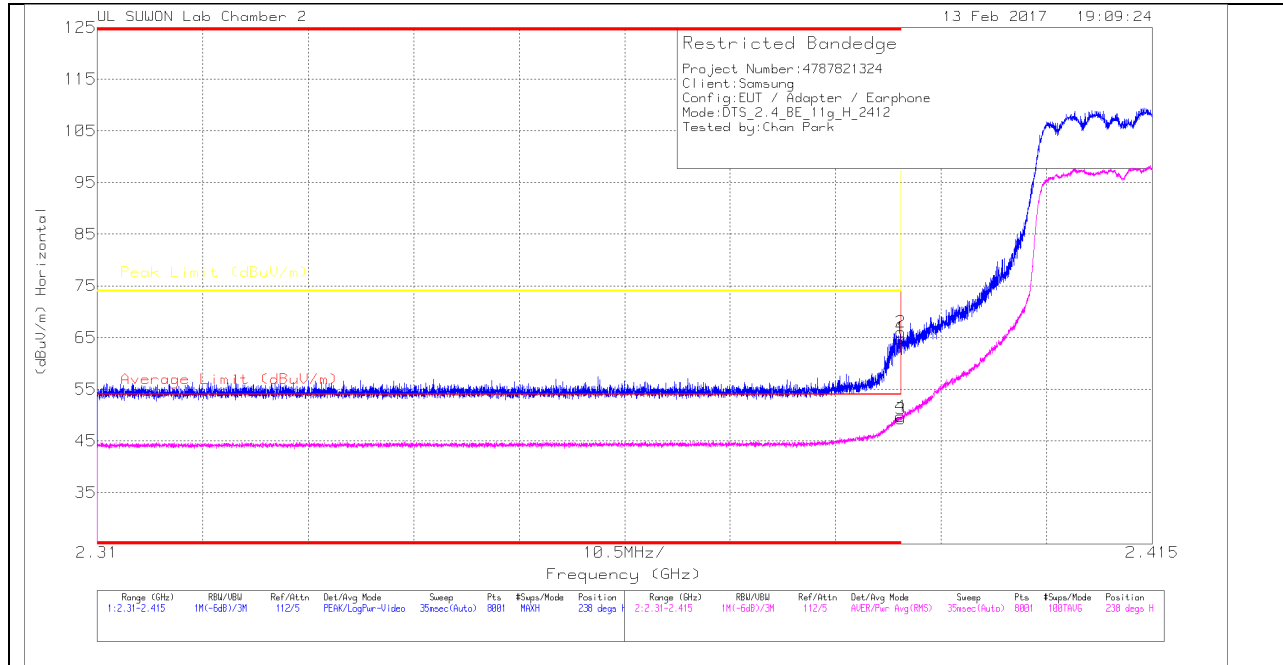
PK – Peak Detector

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

### 10.2.3. TX ABOVE 1 GHz 802.11g 2TX CDD MODE IN THE 2.4 GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

##### Trace Markers

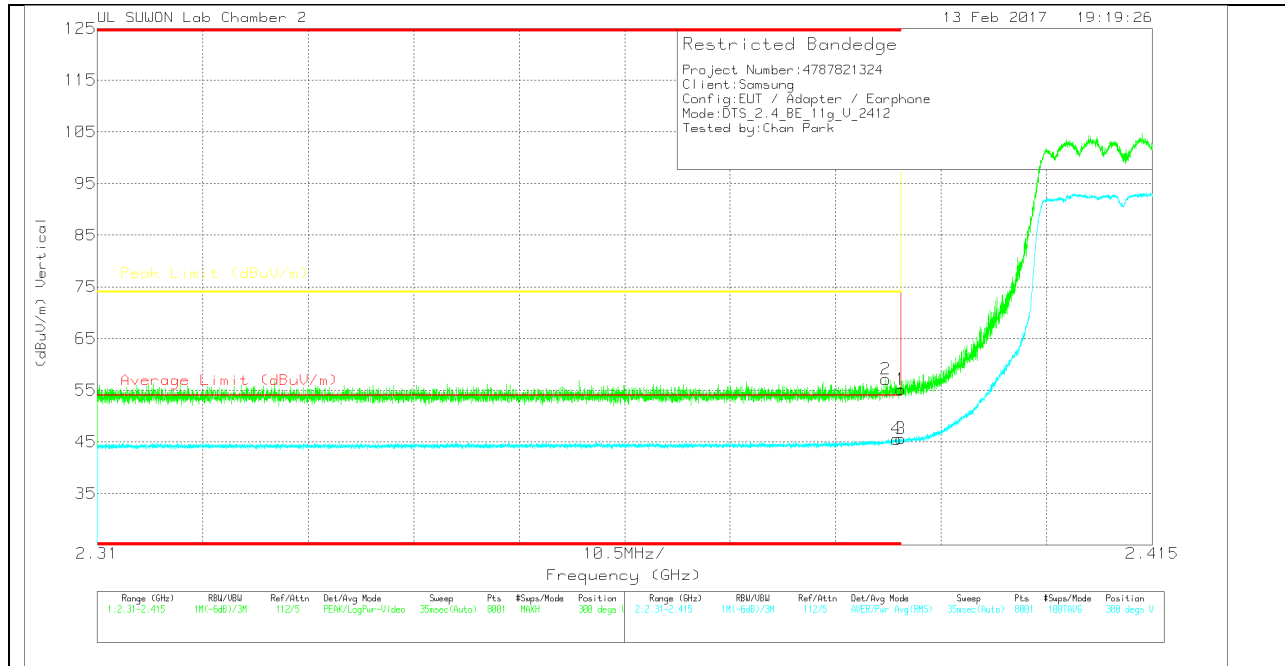
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	51.36	Pk	31.7	-18.2	0	64.86	-	-	74	-9.14	238	186	H
2	* 2.39	52.54	Pk	31.7	-18.2	0	66.04	-	-	74	-7.96	238	186	H
3	* 2.39	35.42	RMS	31.7	-18.2	.32	49.24	54	-4.76	-	-	238	186	H
4	* 2.39	35.94	RMS	31.7	-18.2	.32	49.76	54	-4.24	-	-	238	186	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	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	41.65	Pk	31.7	-18.2	0	55.15	-	-	74	-18.85	300	146	V
2	* 2.389	43.63	Pk	31.7	-18.2	0	57.13	-	-	74	-16.87	300	146	V
3	* 2.39	31.81	RMS	31.7	-18.2	.32	45.63	54	-8.37	-	-	300	146	V
4	* 2.39	31.74	RMS	31.7	-18.2	.32	45.56	54	-8.44	-	-	300	146	V

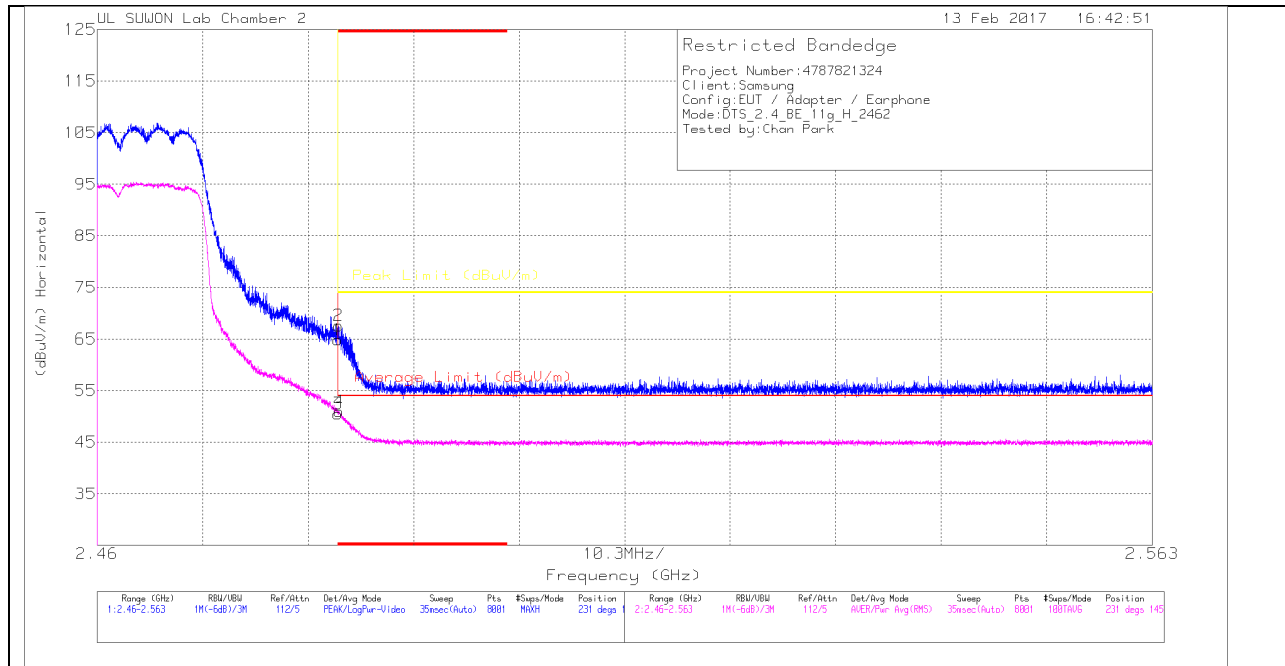
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Trace Markers

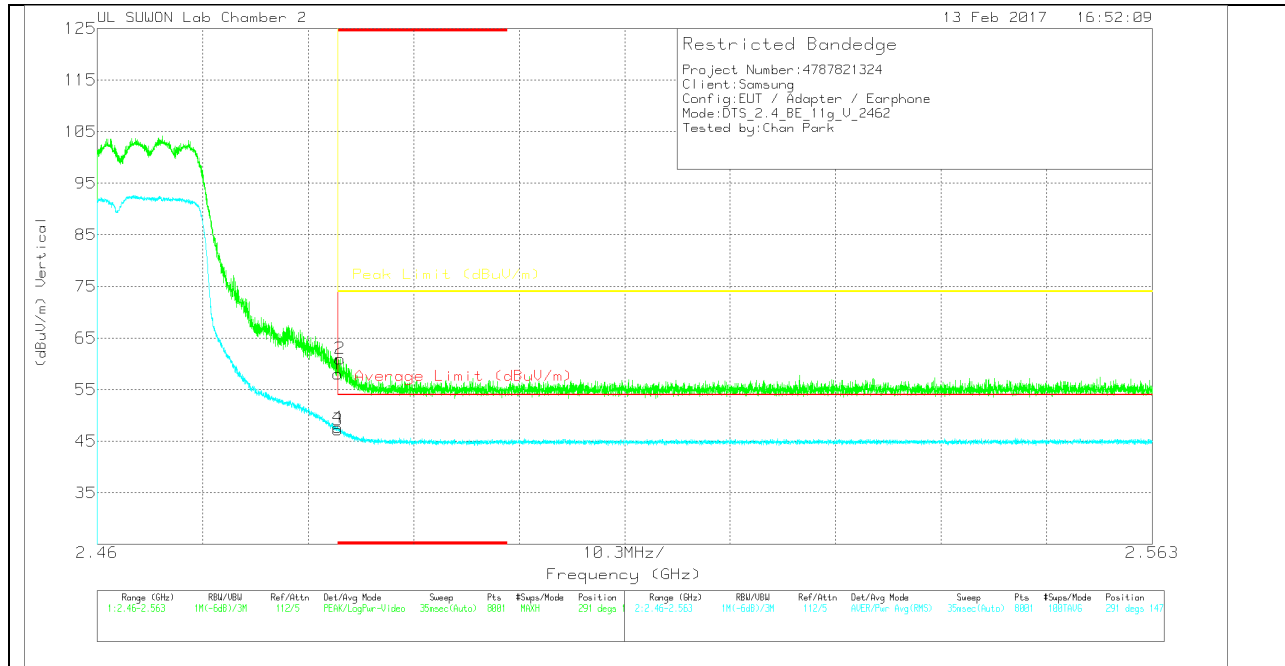
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.05	Pk	31.8	-18	0	64.85	-	-	74	-9.15	231	145	H
2	* 2.484	53.79	Pk	31.8	-18	0	67.59	-	-	74	-6.41	231	145	H
3	* 2.484	36.41	RMS	31.8	-18	.32	50.53	54	-3.47	-	-	231	145	H
4	* 2.484	36.83	RMS	31.8	-18	.32	50.95	54	-3.05	-	-	231	145	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	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.21	Pk	31.8	-18	0	58.01	-	-	74	-15.99	291	147	V
2	* 2.484	47.21	Pk	31.8	-18	0	61.01	-	-	74	-12.99	291	147	V
3	* 2.484	33.1	RMS	31.8	-18	.32	47.22	54	-6.78	-	-	291	147	V
4	* 2.484	33.53	RMS	31.8	-18	.32	47.65	54	-6.35	-	-	291	147	V

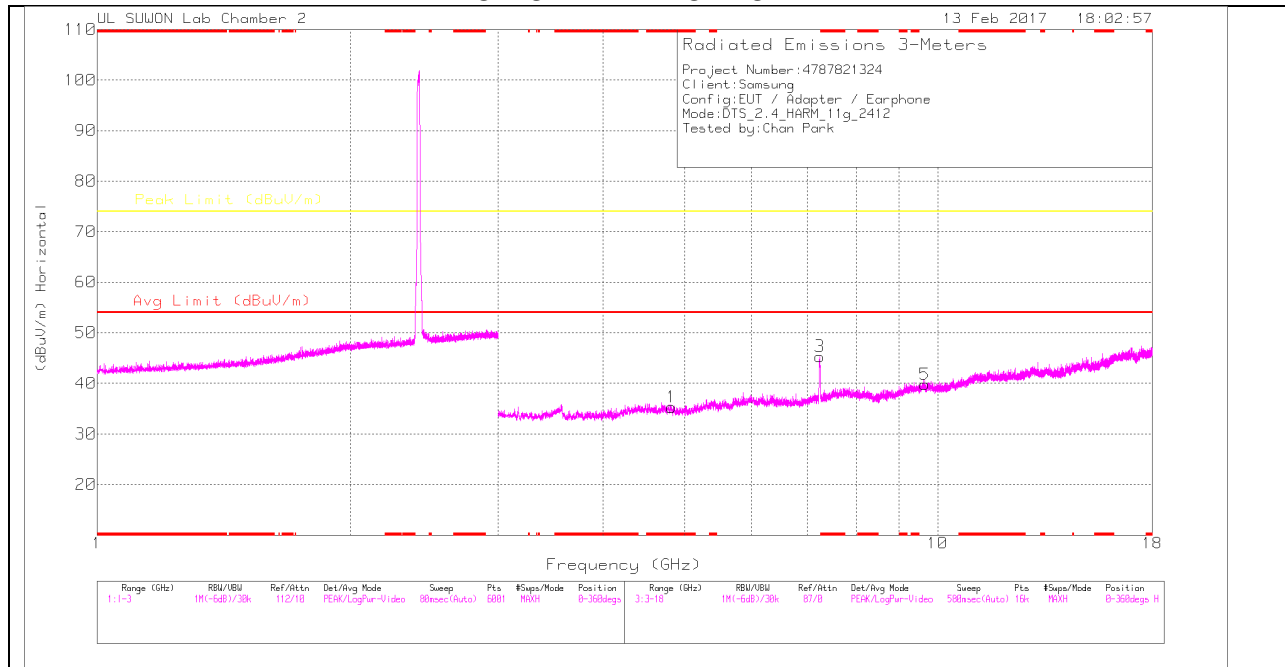
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

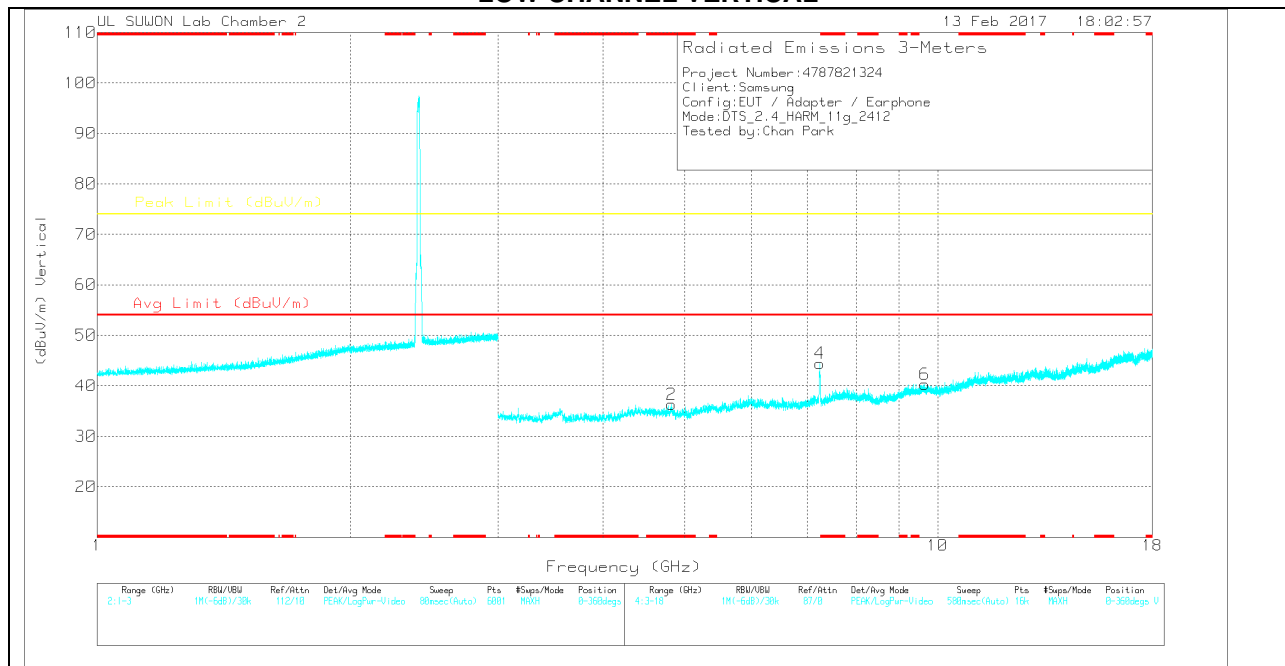
RMS - RMS detection

### 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 24_150619)	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	25.68	Pk	33.9	-24.3	0	35.28	-	-	74	-38.72	0-360	150	H
3	7.238	31.49	Pk	35.8	-22	0	45.29	-	-	74	-28.71	0-360	250	H
5	9.648	21.17	Pk	36.9	-18.3	0	39.77	-	-	74	-34.23	0-360	250	H
2	* 4.821	26.68	Pk	33.9	-24.3	0	36.28	-	-	74	-37.72	0-360	250	V
4	7.236	30.62	Pk	35.8	-22	0	44.42	-	-	74	-29.58	0-360	150	V
6	9.647	21.7	Pk	36.9	-18.3	0	40.3	-	-	74	-33.7	0-360	250	V

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

Pk – Peak detector

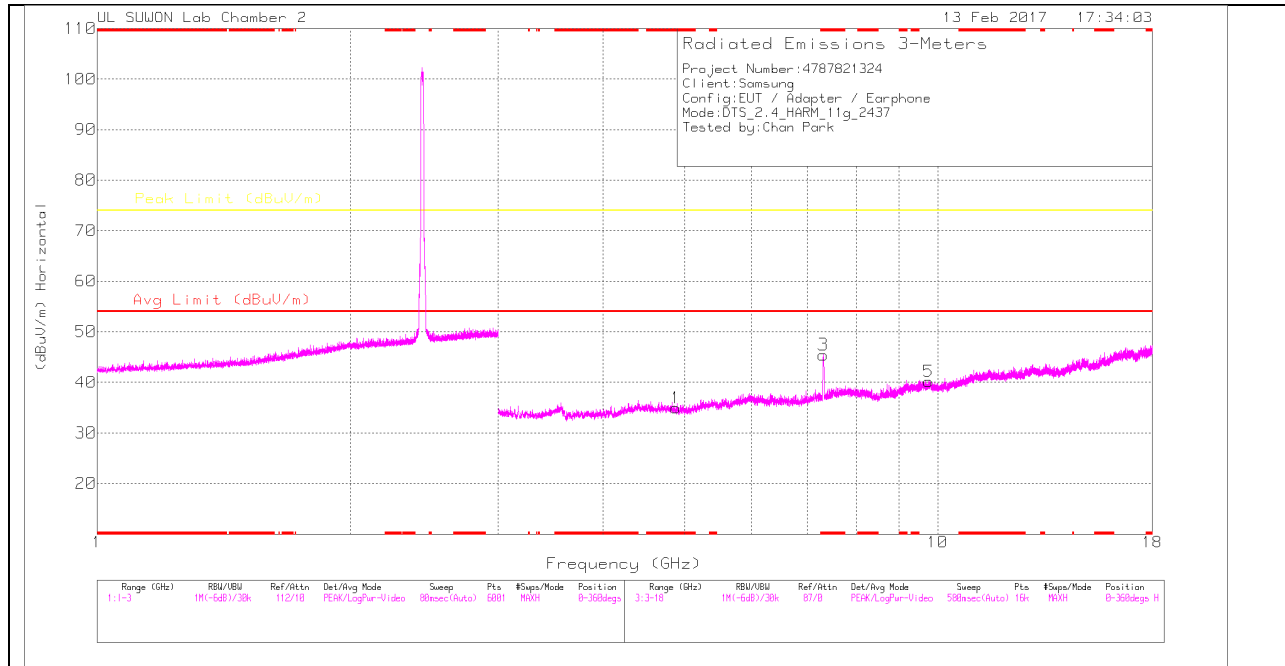
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724_150 619)	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
7.246	46.16	PK2	35.8	-22	0	59.96	-	-	74	-14.04	250	283	H
7.232	45.63	PK2	35.8	-21.9	0	59.53	-	-	74	-14.47	173	193	V

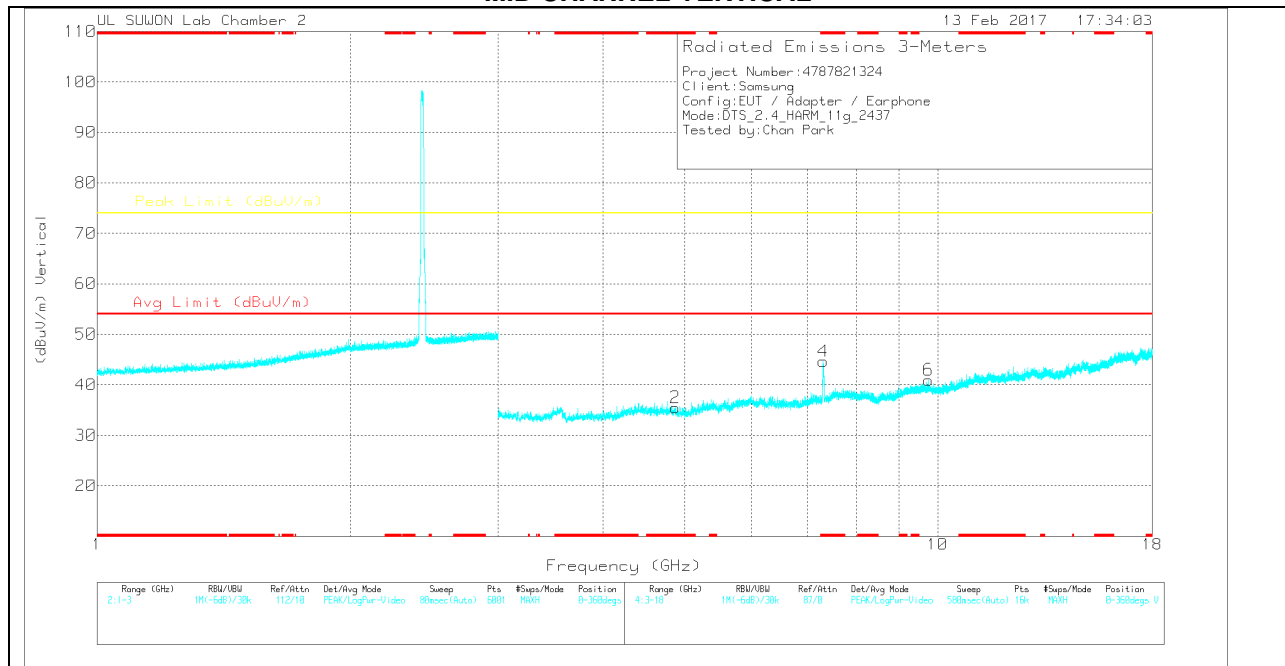
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

**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 24)_150619	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	* 4.879	25.55	Pk	33.9	-24.5	0	34.95	-	-	74	-39.05	0-360	150	H
3	* 7.309	31.54	Pk	35.9	-22	0	45.44	-	-	74	-28.56	0-360	250	H
5	9.748	21.27	Pk	37	-18.1	0	40.17	-	-	74	-33.83	0-360	150	H
2	* 4.874	26.06	Pk	33.9	-24.5	0	35.46	-	-	74	-38.54	0-360	150	V
4	* 7.308	30.72	Pk	35.9	-22	0	44.62	-	-	74	-29.38	0-360	150	V
6	9.748	22.05	Pk	37	-18.1	0	40.95	-	-	74	-33.05	0-360	150	V

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

Pk – Peak detector

Radiated Emissions

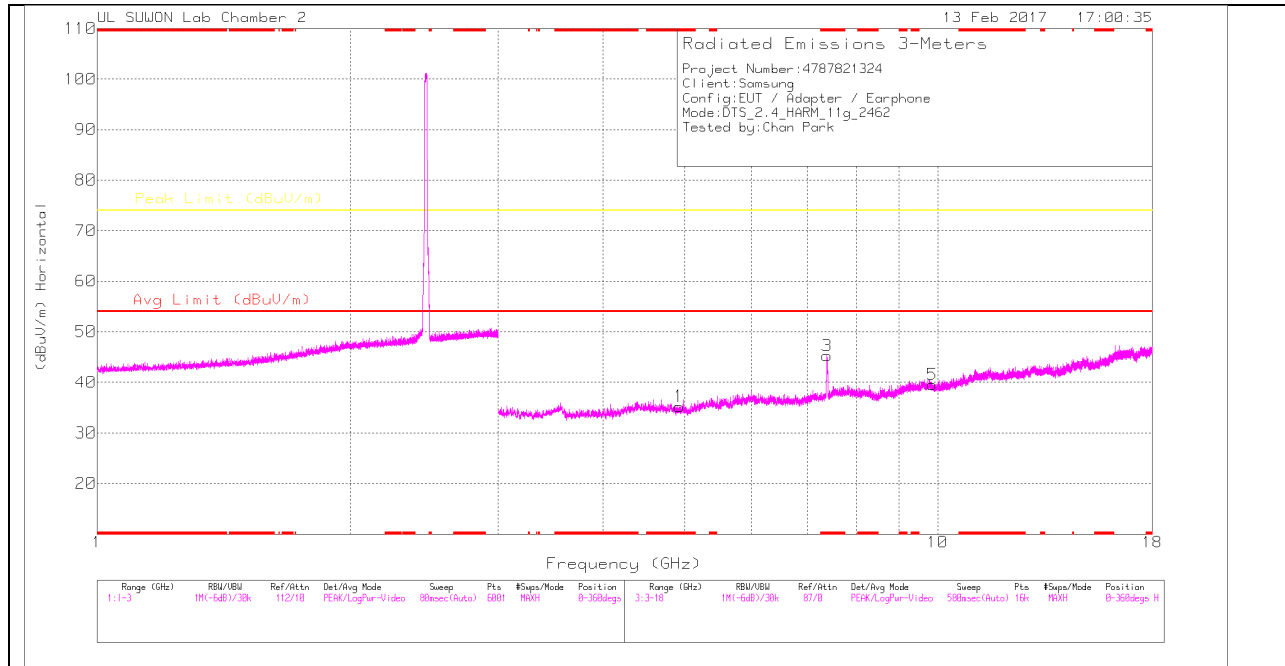
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	3GHz_HP[ dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.308	44.71	PK2	35.9	-22	0	58.61	-	-	74	-15.39	208	198	H
* 7.311	29.6	MAv1	35.9	-22	.32	43.82	54	-10.18	-	-	208	198	H
* 7.305	46.66	PK2	35.9	-22	0	60.56	-	-	74	-13.44	168	169	V
* 7.311	31.02	MAv1	35.9	-22	.32	45.24	54	-8.76	-	-	168	169	V

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

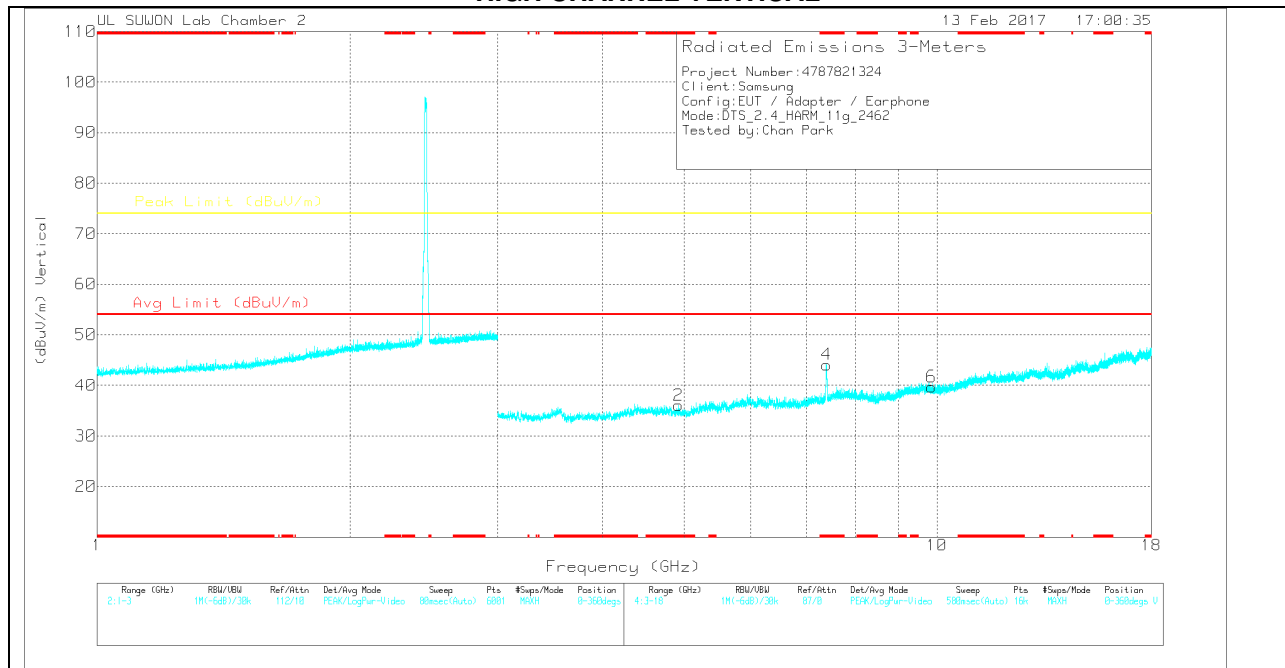
PK2 - KDB558074 Method: Maximum Peak

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 24)_150619	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	* 4.927	26.03	Pk	33.9	-24.7	0	35.23	-	-	74	-38.77	0-360	150	H
3	* 7.384	30.76	Pk	35.9	-21.4	0	45.26	-	-	74	-28.74	0-360	250	H
5	9.851	20.34	Pk	37.1	-17.9	0	39.54	-	-	74	-34.46	0-360	150	H
2	* 4.924	26.83	Pk	33.9	-24.7	0	36.03	-	-	74	-37.97	0-360	250	V
4	* 7.389	29.58	Pk	35.9	-21.4	0	44.08	-	-	74	-29.92	0-360	150	V
6	9.848	20.49	Pk	37.1	-17.9	0	39.69	-	-	74	-34.31	0-360	250	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	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
* 7.392	43.8	PK2	35.9	-21.3	0	58.4	-	-	74	-15.6	123	147	H
* 7.386	28.82	MAv1	35.9	-21.4	.32	43.64	54	-10.36	-	-	123	147	H
* 7.391	46.62	PK2	35.9	-21.3	0	61.22	-	-	74	-12.78	204	100	V
* 7.387	31.17	MAv1	35.9	-21.4	.32	45.99	54	-8.01	-	-	204	100	V

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

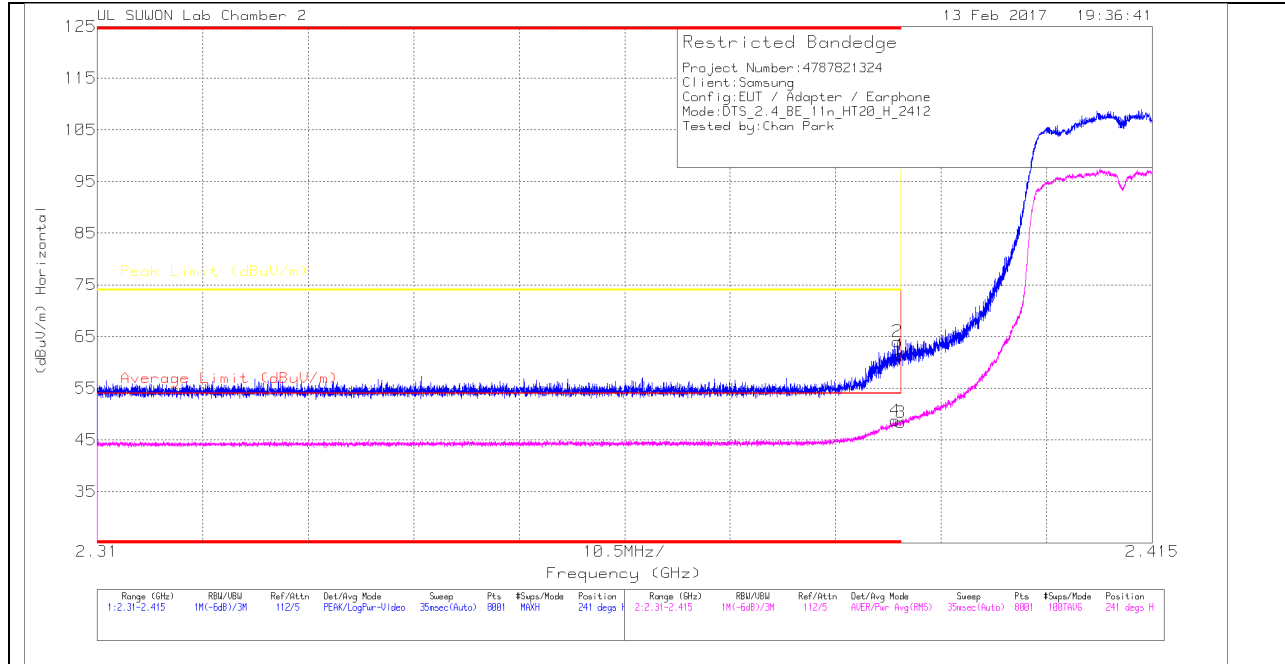
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

### 10.2.4. TX ABOVE 1 GHz 802.11n HT20 2TX CDD MODE IN THE 2.4 GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

##### Trace Markers

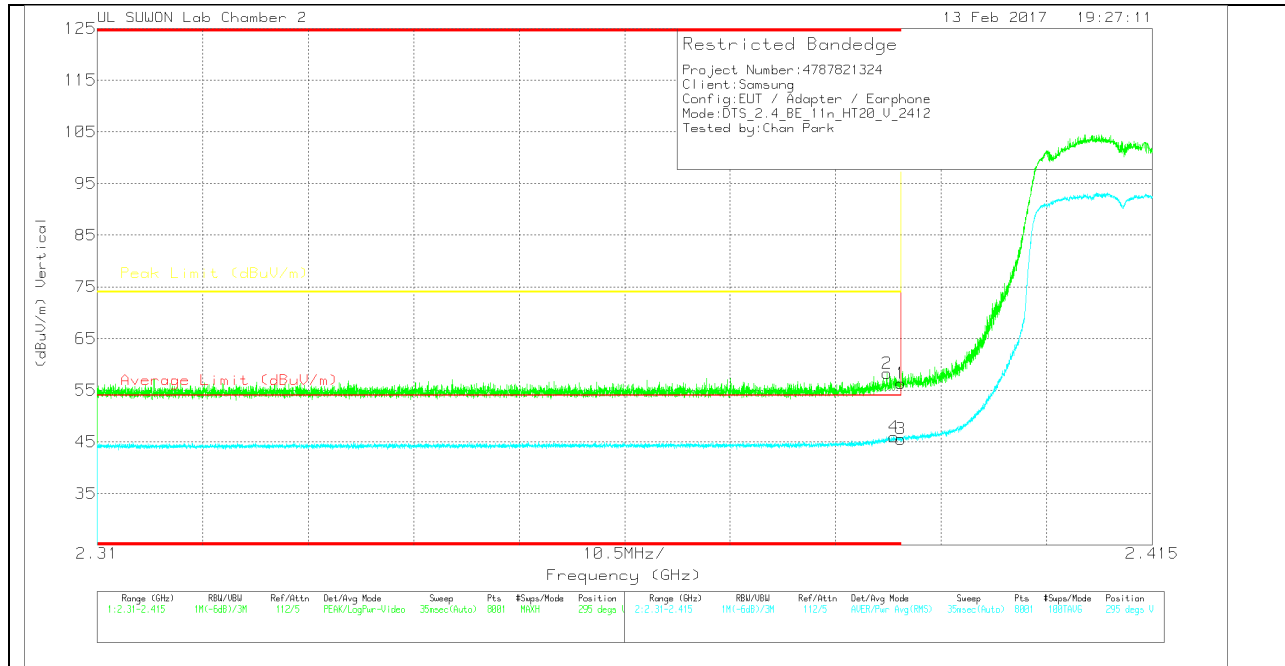
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	47.95	Pk	31.7	-18.2	0	61.45	-	-	74	-12.55	241	205	H
2	* 2.39	50.53	Pk	31.7	-18.2	0	64.03	-	-	74	-9.97	241	205	H
3	* 2.39	34.56	RMS	31.7	-18.2	.33	48.39	54	-5.61	-	-	241	205	H
4	* 2.389	34.92	RMS	31.7	-18.2	.33	48.75	54	-5.25	-	-	241	205	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	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	42.8	Pk	31.7	-18.2	0	56.3	-	-	74	-17.7	295	145	V
2	* 2.389	44.75	Pk	31.7	-18.2	0	58.25	-	-	74	-15.75	295	145	V
3	* 2.39	31.73	RMS	31.7	-18.2	.33	45.56	54	-8.44	-	-	295	145	V
4	* 2.389	32.15	RMS	31.7	-18.2	.33	45.98	54	-8.02	-	-	295	145	V

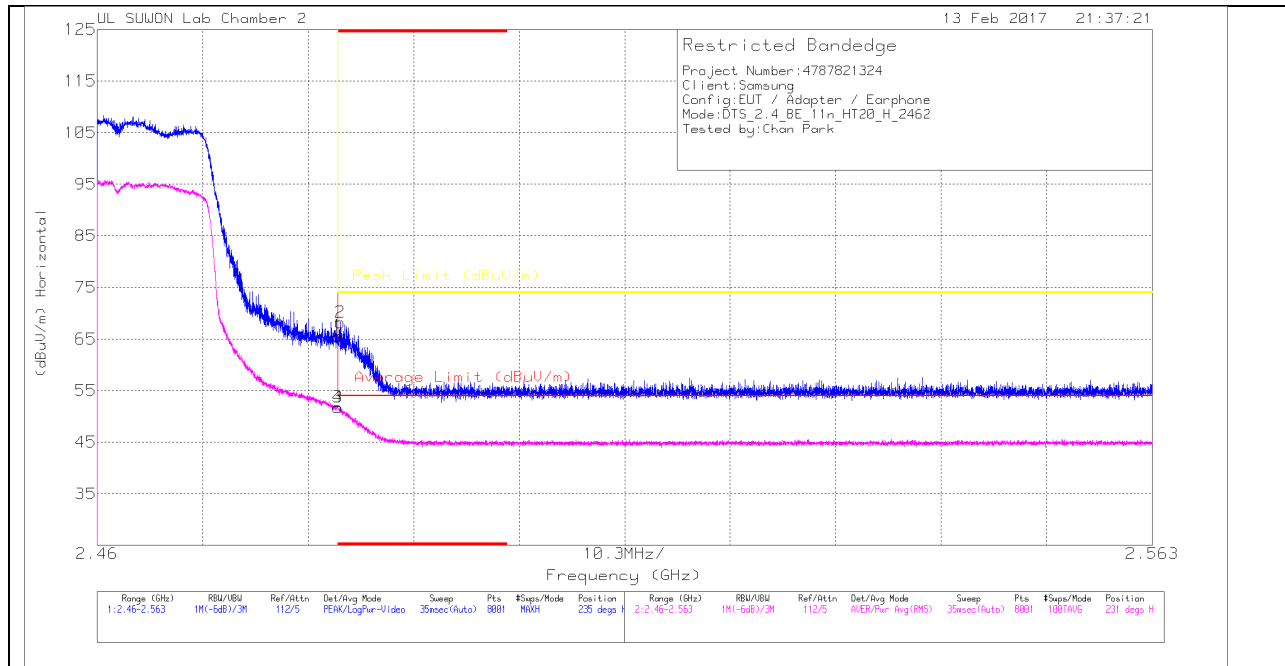
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Trace Markers

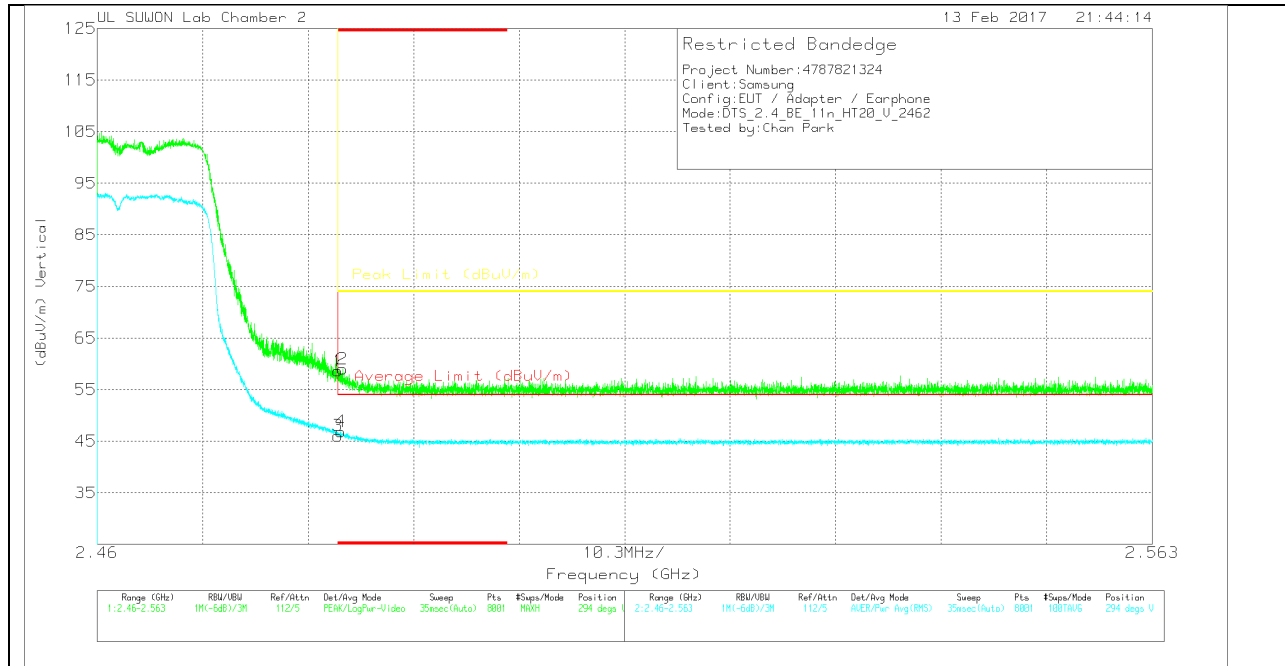
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(001687 24)_150619	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	51.8	Pk	31.8	-18	0	65.6	-	-	74	-8.4	235	189	H
2	* 2.484	54.41	Pk	31.8	-18	0	68.21	-	-	74	-5.79	235	189	H
3	* 2.484	37.63	RMS	31.8	-18	.33	51.76	54	-2.24	-	-	231	189	H
4	* 2.484	37.64	RMS	31.8	-18	.33	51.77	54	-2.23	-	-	231	189	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	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.82	Pk	31.8	-18	0	58.62	-	-	74	-15.38	294	152	V
2	* 2.484	45.19	Pk	31.8	-18	0	58.99	-	-	74	-15.01	294	152	V
3	* 2.484	31.93	RMS	31.8	-18	.33	46.06	54	-7.94	-	-	294	152	V
4	* 2.484	32.75	RMS	31.8	-18	.33	46.88	54	-7.12	-	-	294	152	V

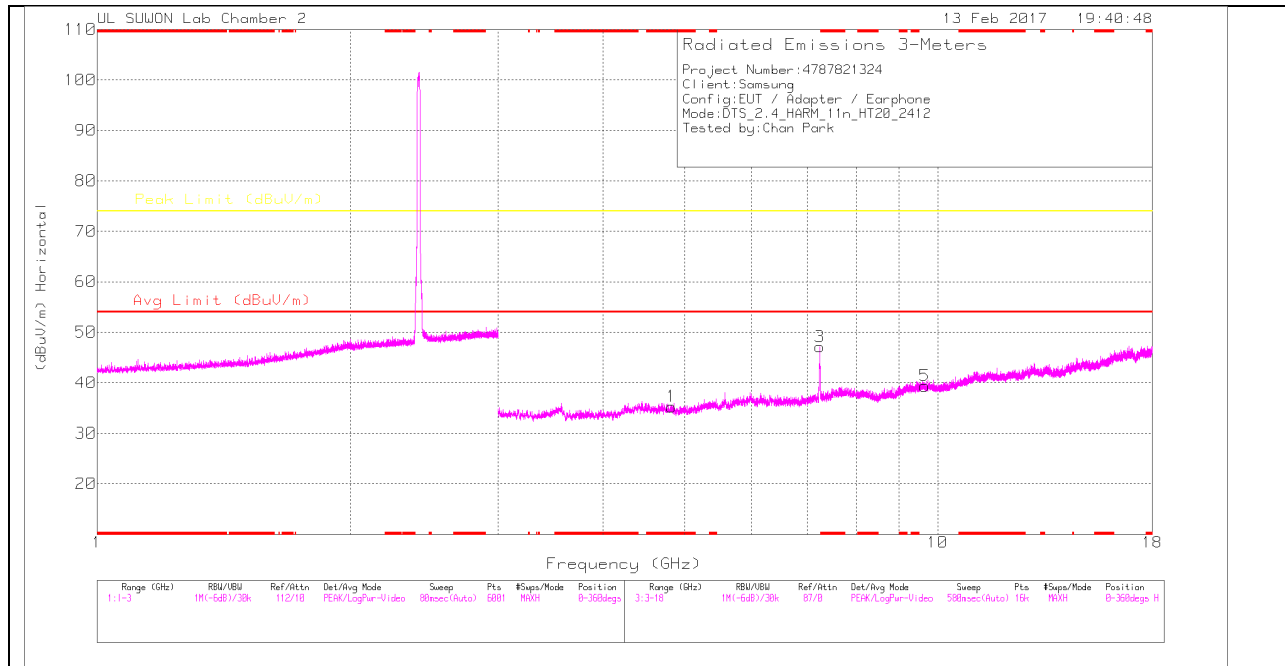
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

Pk - Peak detector

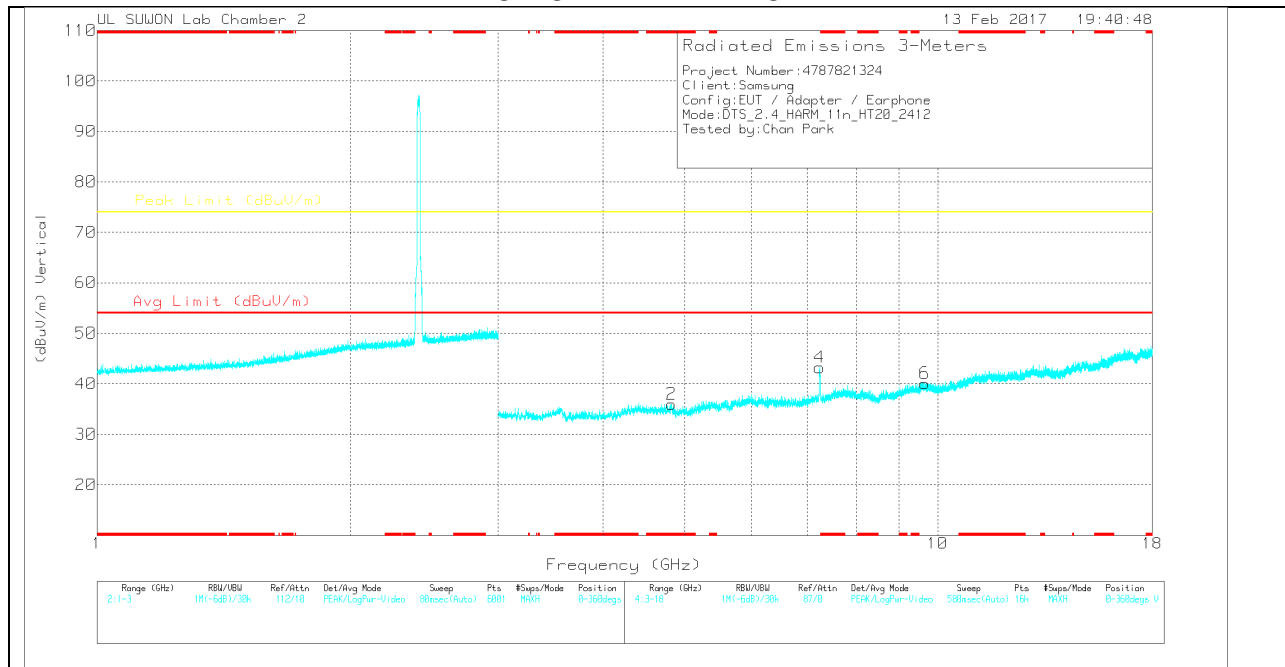
RMS - RMS detection

### 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 24)_150619	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	25.66	Pk	33.9	-24.3	0	35.26	-	-	74	-38.74	0-360	150	H
3	7.242	33.32	Pk	35.8	-22	0	47.12	-	-	74	-26.88	0-360	250	H
5	9.648	20.77	Pk	36.9	-18.3	0	39.37	-	-	74	-34.63	0-360	250	H
2	* 4.825	26.39	Pk	33.9	-24.3	0	35.99	-	-	74	-38.01	0-360	150	V
4	7.235	29.33	Pk	35.8	-21.9	0	43.23	-	-	74	-30.77	0-360	150	V
6	9.654	21.48	Pk	36.9	-18.3	0	40.08	-	-	74	-33.92	0-360	250	V

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

Pk – Peak detector

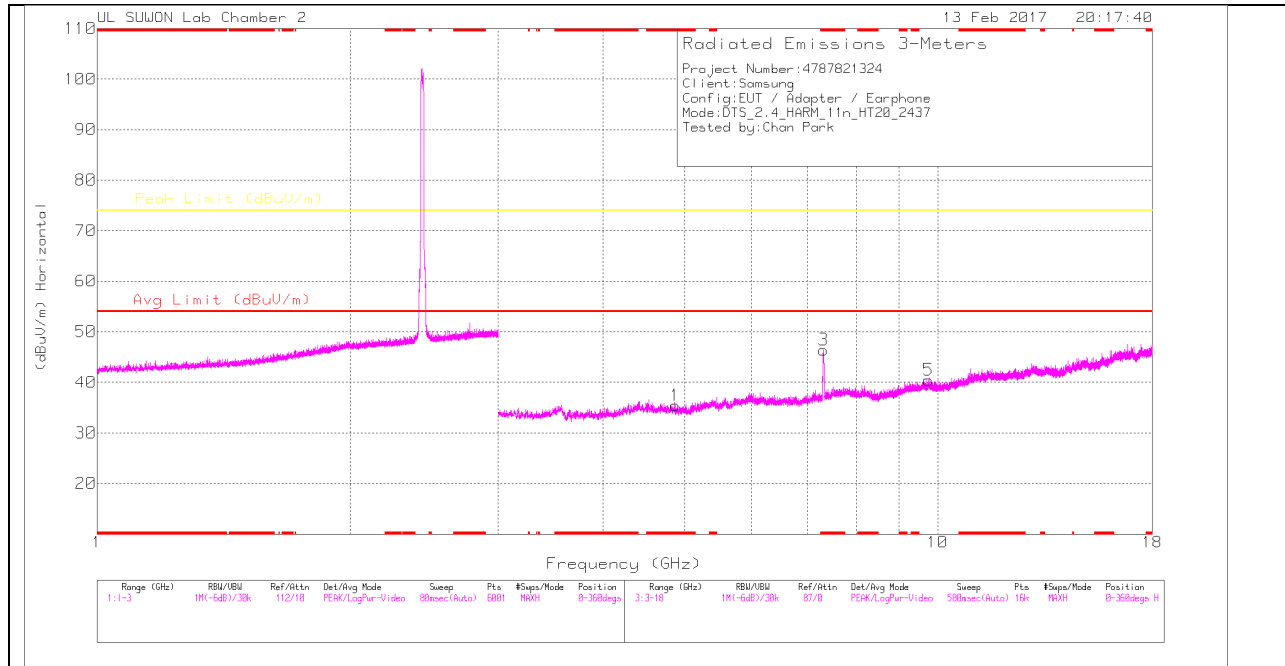
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	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
7.241	46.87	PK2	35.8	-22	0	60.67	-	-	74	-13.33	253	282	H
7.24	45.94	PK2	35.8	-22	0	59.74	-	-	74	-14.26	175	113	V

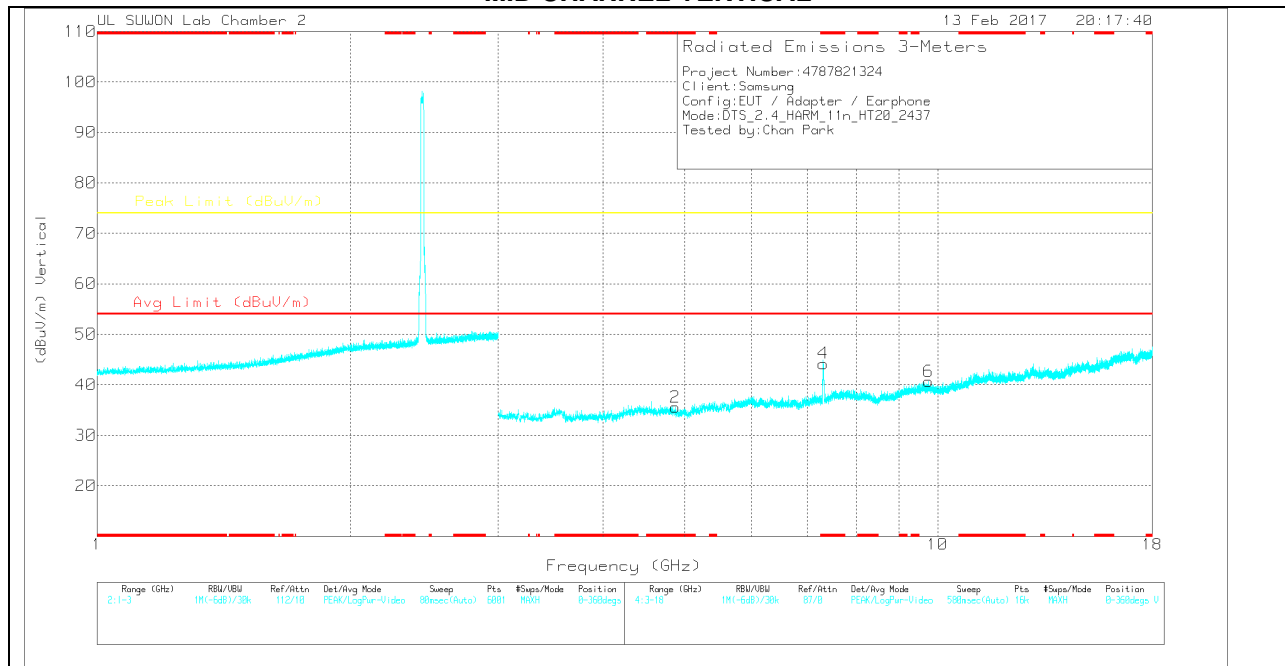
\* - indicates frequency in CFR15.205/IC7.2.2 Restricted Band

PK2 - KDB558074 Method: Maximum Peak

**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 24)_150619	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.875	26.04	Pk	33.9	-24.5	0	35.44	-	-	74	-38.56	0-360	250	H
3	* 7.313	32.51	Pk	35.9	-22	0	46.41	-	-	74	-27.59	0-360	250	H
5	9.748	21.55	Pk	37	-18.1	0	40.45	-	-	74	-33.55	0-360	150	H
2	* 4.874	26.17	Pk	33.9	-24.5	0	35.57	-	-	74	-38.43	0-360	250	V
4	* 7.31	30.31	Pk	35.9	-22	0	44.21	-	-	74	-29.79	0-360	150	V
6	9.748	21.76	Pk	37	-18.1	0	40.66	-	-	74	-33.34	0-360	250	V

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

Pk – Peak detector

Radiated Emissions

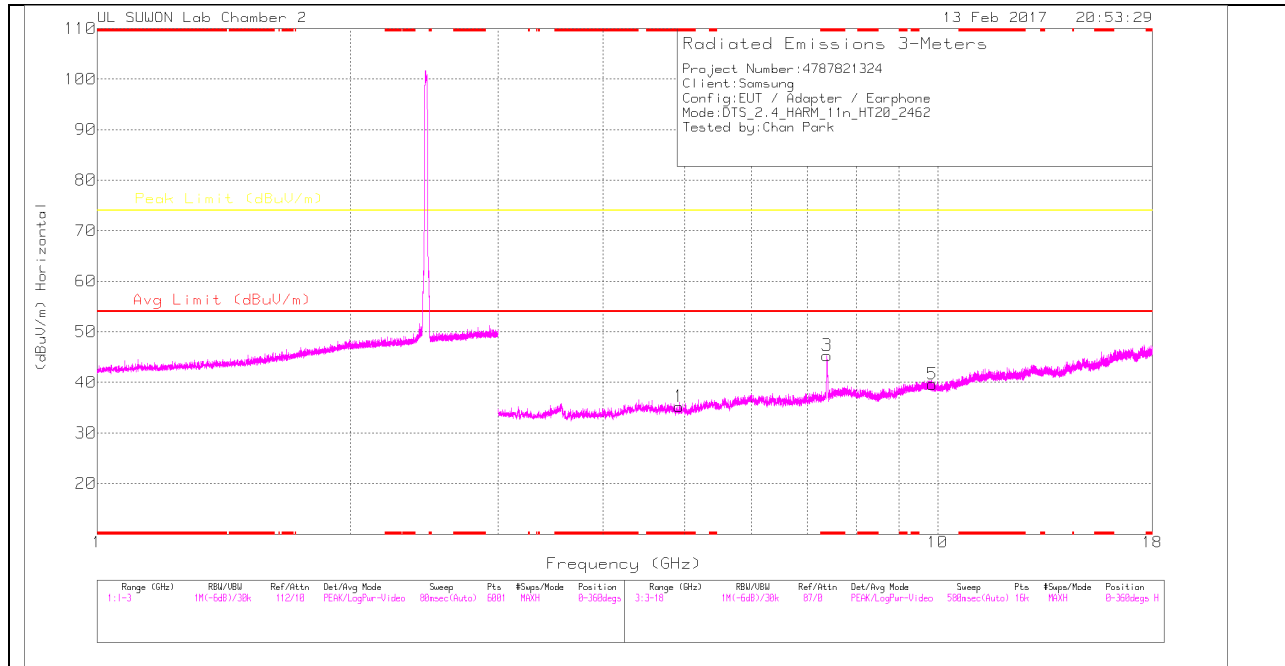
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0016 8724)_150 619	3GHz_HP[ dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.317	45.24	PK2	35.9	-22	0	59.14	-	-	74	-14.86	119	150	H
* 7.311	29.35	MAv1	35.9	-22	.33	43.58	54	-10.42	-	-	119	150	H
* 7.316	45.05	PK2	35.9	-22	0	58.95	-	-	74	-15.05	86	144	V
* 7.312	30.06	MAv1	35.9	-22	.33	44.29	54	-9.71	-	-	86	144	V

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

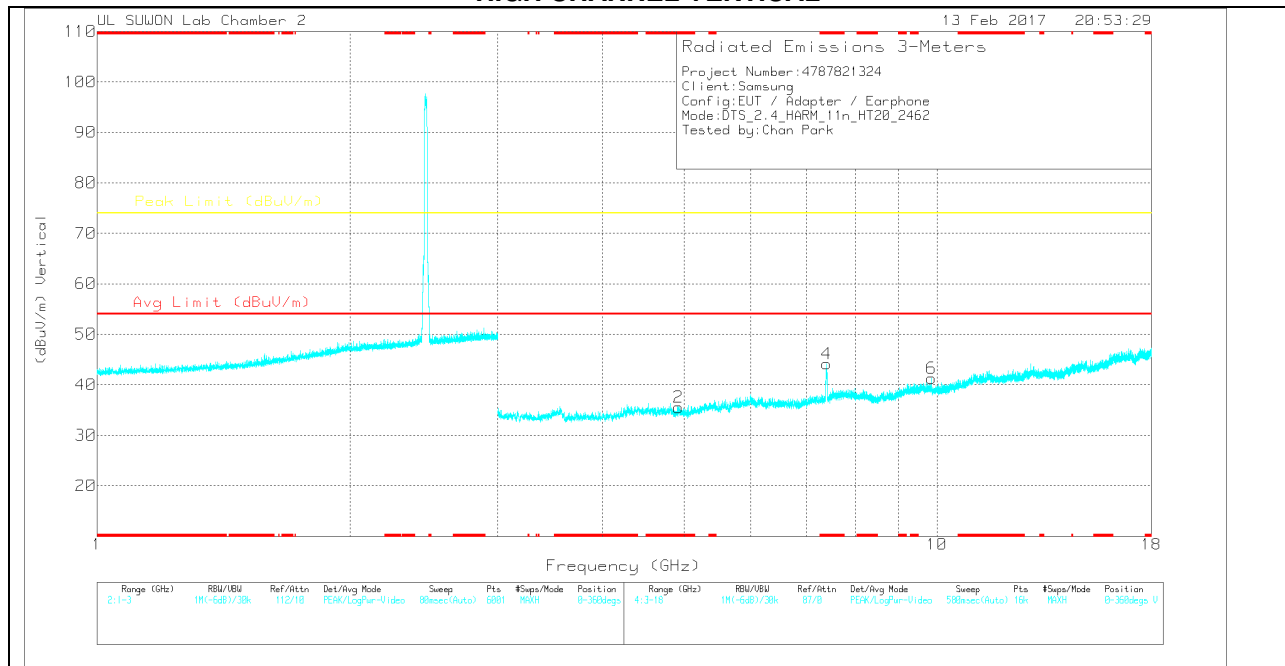
PK2 - KDB558074 Method: Maximum Peak

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 24)_150619	3GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.926	26.04	Pk	33.9	-24.7	0	35.24	-	-	74	-38.76	0-360	250	H
3	* 7.384	30.82	Pk	35.9	-21.4	0	45.32	-	-	74	-28.68	0-360	250	H
5	9.848	20.43	Pk	37.1	-17.9	0	39.63	-	-	74	-34.37	0-360	250	H
2	* 4.924	26.32	Pk	33.9	-24.7	0	35.52	-	-	74	-38.48	0-360	250	V
4	* 7.389	29.63	Pk	35.9	-21.4	0	44.13	-	-	74	-29.87	0-360	250	V
6	9.848	22.06	Pk	37.1	-17.9	0	41.26	-	-	74	-32.74	0-360	150	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	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
* 7.389	44.15	PK2	35.9	-21.4	0	58.65	-	-	74	-15.35	127	136	H
* 7.386	27.72	MAv1	35.9	-21.4	.33	42.55	54	-11.45	-	-	127	136	H
* 7.39	44.9	PK2	35.9	-21.3	0	59.5	-	-	74	-14.5	166	162	V
* 7.389	28.99	MAv1	35.9	-21.4	.33	43.82	54	-10.18	-	-	166	162	V

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

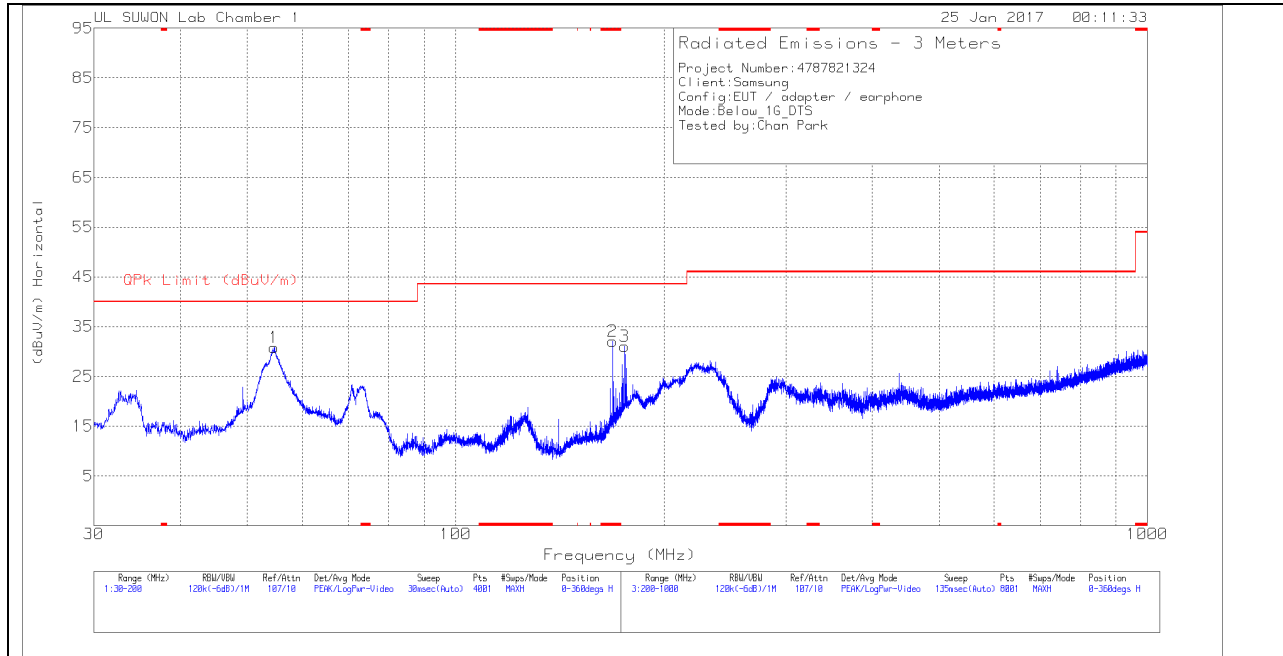
PK2 - KDB558074 Method: Maximum Peak

MAv1 - KDB558074 Option 1 Maximum RMS Average

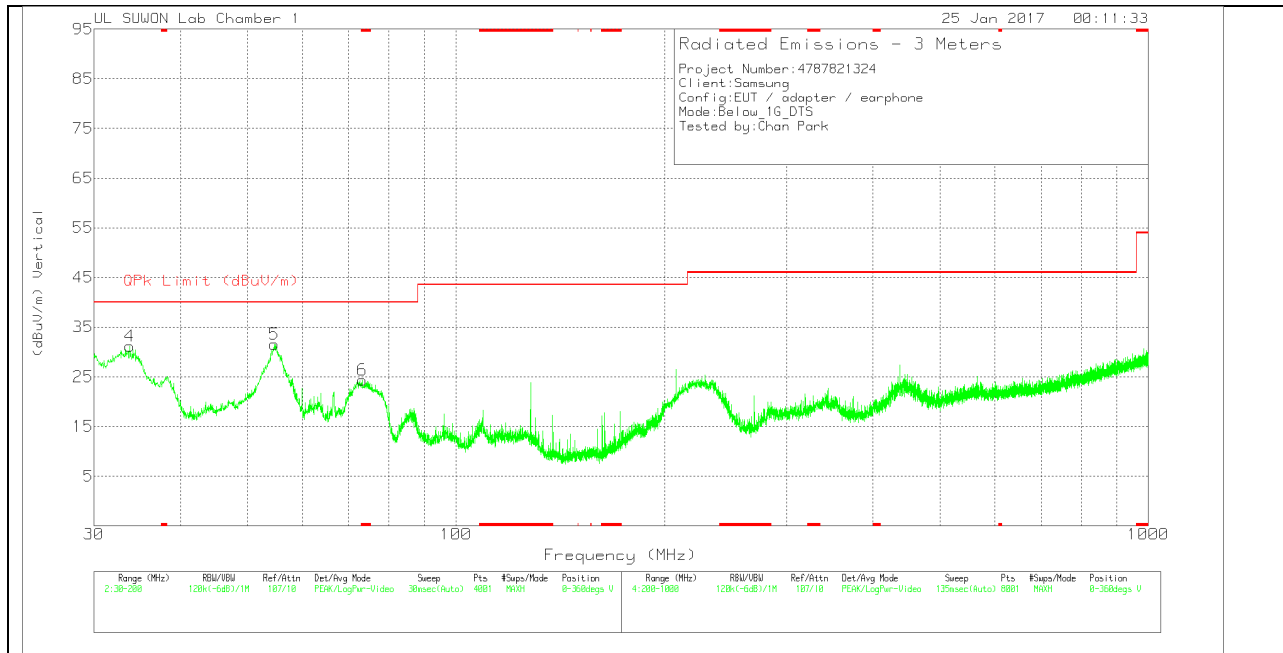
### 10.3. WORST-CASE BELOW 1 GHz

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

##### HORIZONTAL PLOT



##### 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	54.65	47.48	Pk	13.3	-30	30.78	40	-9.22	0-360	400	H
2	* 168.805	51.58	Pk	8.9	-28.4	32.08	43.52	-11.44	0-360	400	H
3	175.6475	50.26	Pk	9.2	-28.4	31.06	43.52	-12.46	0-360	200	H
4	33.7825	51.24	Pk	10.4	-30.5	31.14	40	-8.86	0-360	100	V
5	54.6075	48.25	Pk	13.3	-30	31.55	40	-8.45	0-360	300	V
6	* 73.2225	45.4	Pk	8.7	-29.7	24.4	40	-15.6	0-360	100	V

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

Pk - Peak detector

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

\* Decreases with the logarithm of the frequency.

### TEST PROCEDURE

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

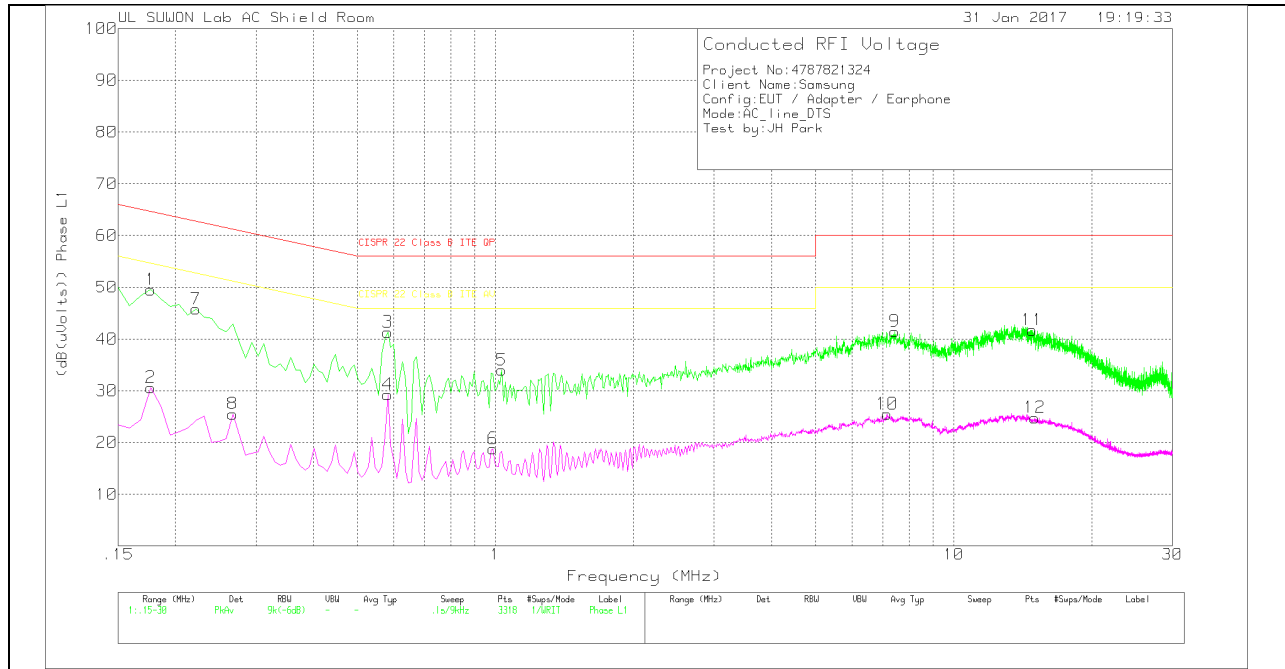
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

**RESULTS**

**6 WORST EMISSIONS**

**LINE 1 PLOT**



**LINE 1 RESULTS**

Trace Markers

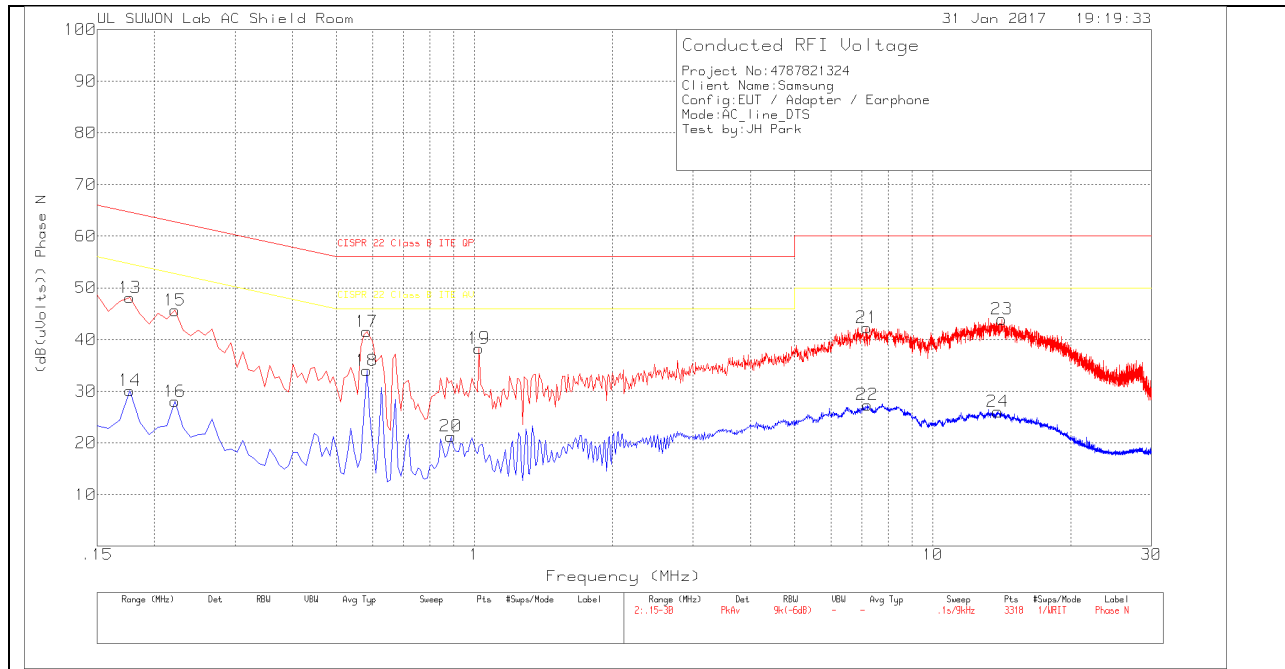
Phase L1 .15 - 30MHz

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	.177	39.54	Pk	10	0	49.54	64.63	-15.09	-	-
2	.177	20.62	Av	10	0	30.62	-	-	54.63	-24.01
3	.582	31.45	Pk	9.9	0	41.35	56	-14.65	-	-
4	.582	19.37	Av	9.9	0	29.27	-	-	46	-16.73
5	1.032	24.18	Pk	9.8	0	33.98	56	-22.02	-	-
6	.987	9.01	Av	9.8	0	18.81	-	-	46	-27.19
7	.222	36.01	Pk	9.8	0	45.81	62.74	-16.93	-	-
8	.267	15.84	Av	9.7	0	25.54	-	-	51.21	-25.67
9	7.431	31.47	Pk	9.9	.1	41.47	60	-18.53	-	-
10	7.152	15.53	Av	9.9	.1	25.53	-	-	50	-24.47
11	14.838	31.44	Pk	10.1	.2	41.74	60	-18.26	-	-
12	15.018	14.41	Av	10.2	.2	24.81	-	-	50	-25.19

Pk - Peak detector

Av - Average detection

**LINE 2 PLOT**



**LINE 2 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	.177	39.54	Pk	10	0	49.54	64.63	-15.09	-	-
2	.177	20.62	Av	10	0	30.62	-	-	54.63	-24.01
3	.582	31.45	Pk	9.9	0	41.35	56	-14.65	-	-
4	.582	19.37	Av	9.9	0	29.27	-	-	46	-16.73
5	1.032	24.18	Pk	9.8	0	33.98	56	-22.02	-	-
6	.987	9.01	Av	9.8	0	18.81	-	-	46	-27.19
7	.222	36.01	Pk	9.8	0	45.81	62.74	-16.93	-	-
8	.267	15.84	Av	9.7	0	25.54	-	-	51.21	-25.67
9	7.431	31.47	Pk	9.9	.1	41.47	60	-18.53	-	-
10	7.152	15.53	Av	9.9	.1	25.53	-	-	50	-24.47
11	14.838	31.44	Pk	10.1	.2	41.74	60	-18.26	-	-
12	15.018	14.41	Av	10.2	.2	24.81	-	-	50	-25.19

Pk - Peak detector

Av - Average detection