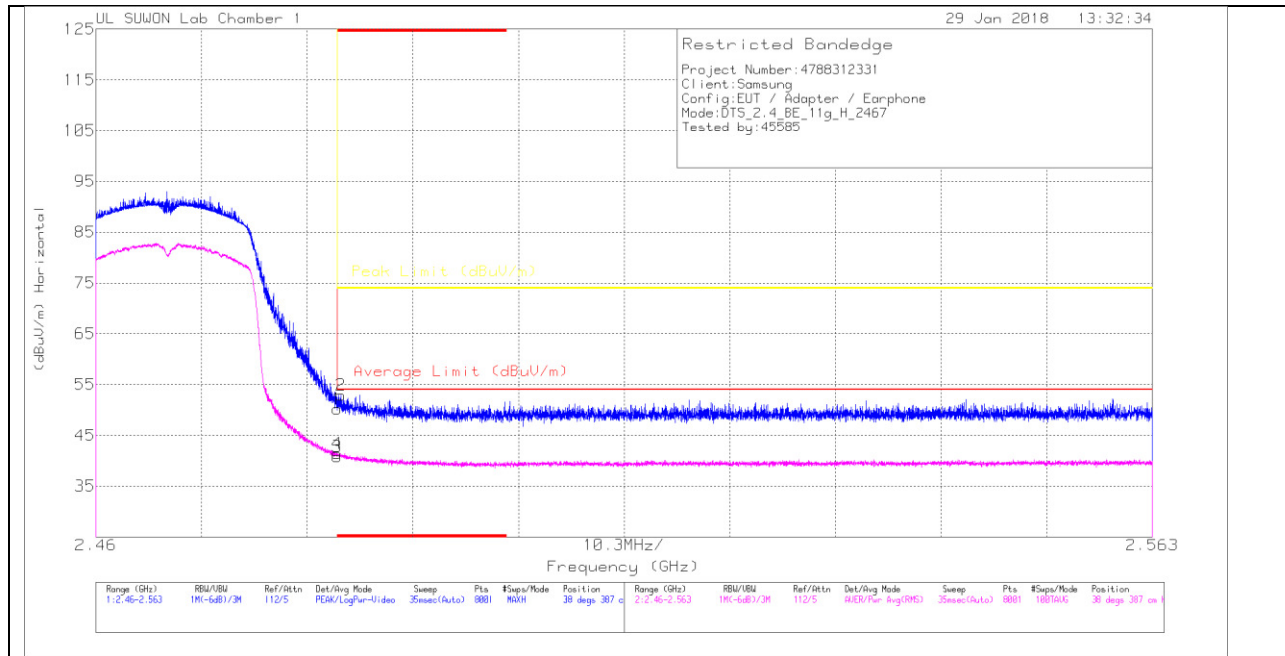


**AUTHORIZED BANDEDGE (12 CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Trace Markers

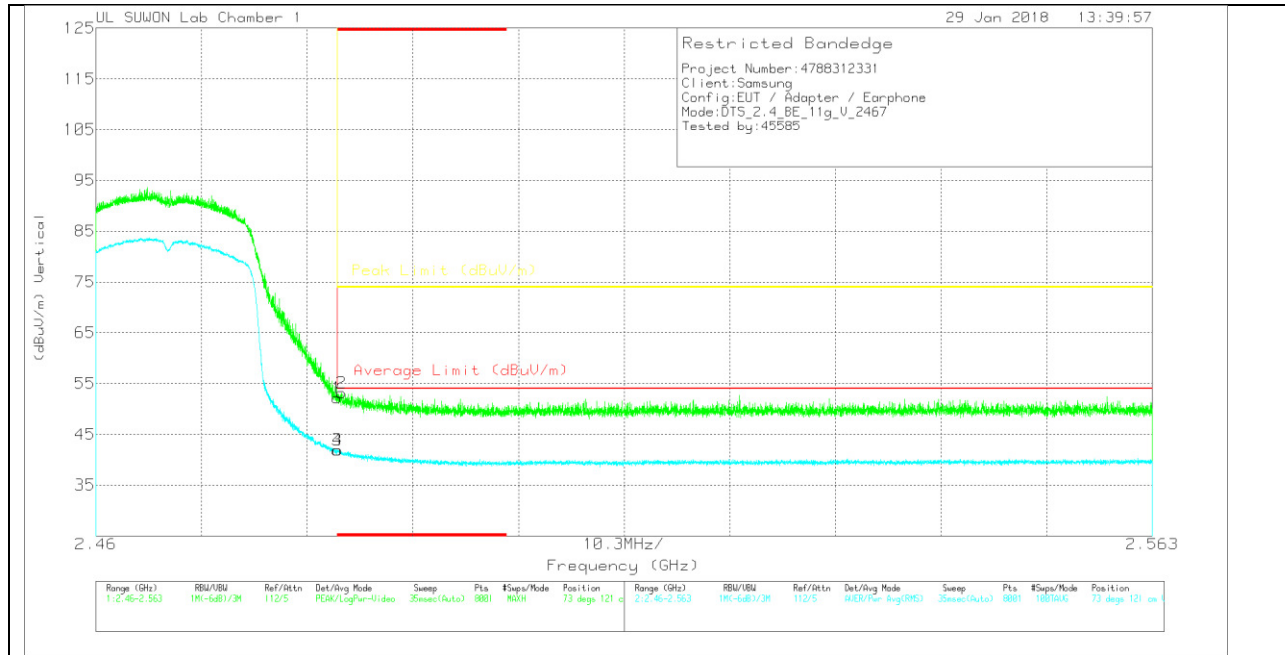
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	44.15	Pk	31.6	-25.5	0	50.25	-	-	74	-23.75	38	387	H
2	* 2.484	46.88	Pk	31.6	-25.5	0	52.98	-	-	74	-21.02	38	387	H
3	* 2.484	34.41	RMS	31.6	-25.5	.29	40.8	54	-13.2	-	-	38	387	H
4	* 2.484	35.06	RMS	31.6	-25.5	.29	41.45	54	-12.55	-	-	38	387	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

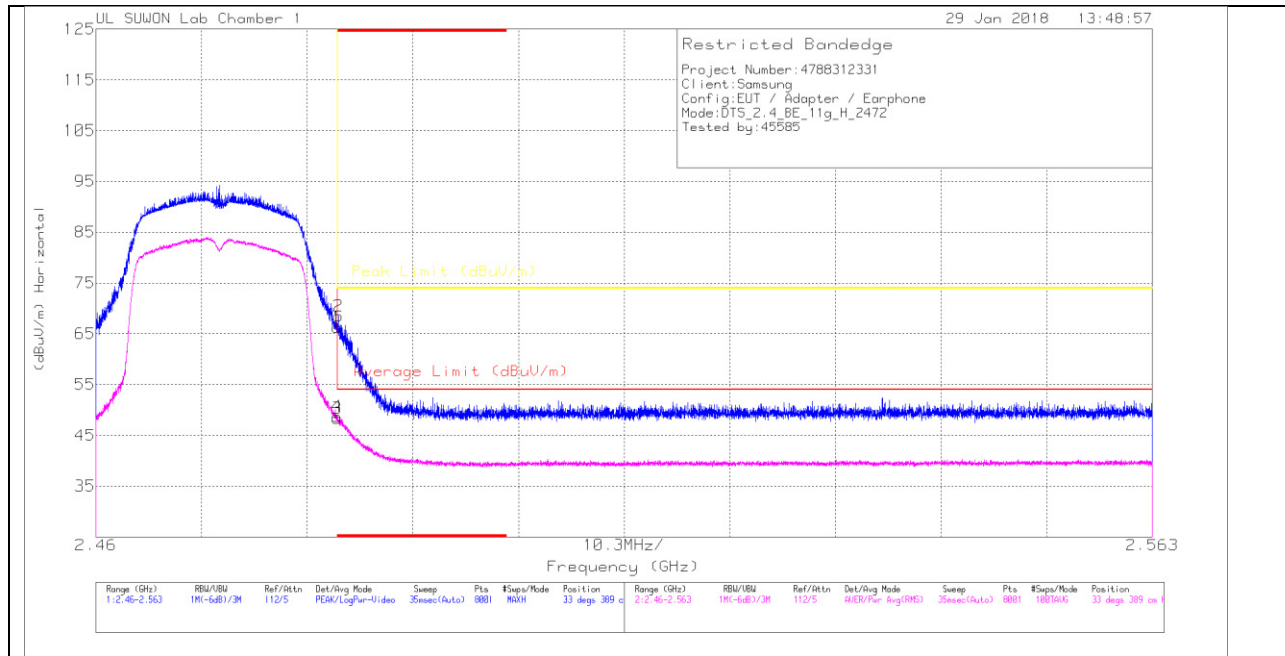
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	46.04	Pk	31.6	-25.5	0	52.14	-	-	74	-21.86	73	121	V
2	* 2.484	47.07	Pk	31.6	-25.5	0	53.17	-	-	74	-20.83	73	121	V
3	* 2.484	35.54	RMS	31.6	-25.5	.29	41.93	54	-12.07	-	-	73	121	V
4	* 2.484	35.56	RMS	31.6	-25.5	.29	41.95	54	-12.05	-	-	73	121	V

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

**AUTHORIZED BANDEDGE (13 CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

**Trace Markers**

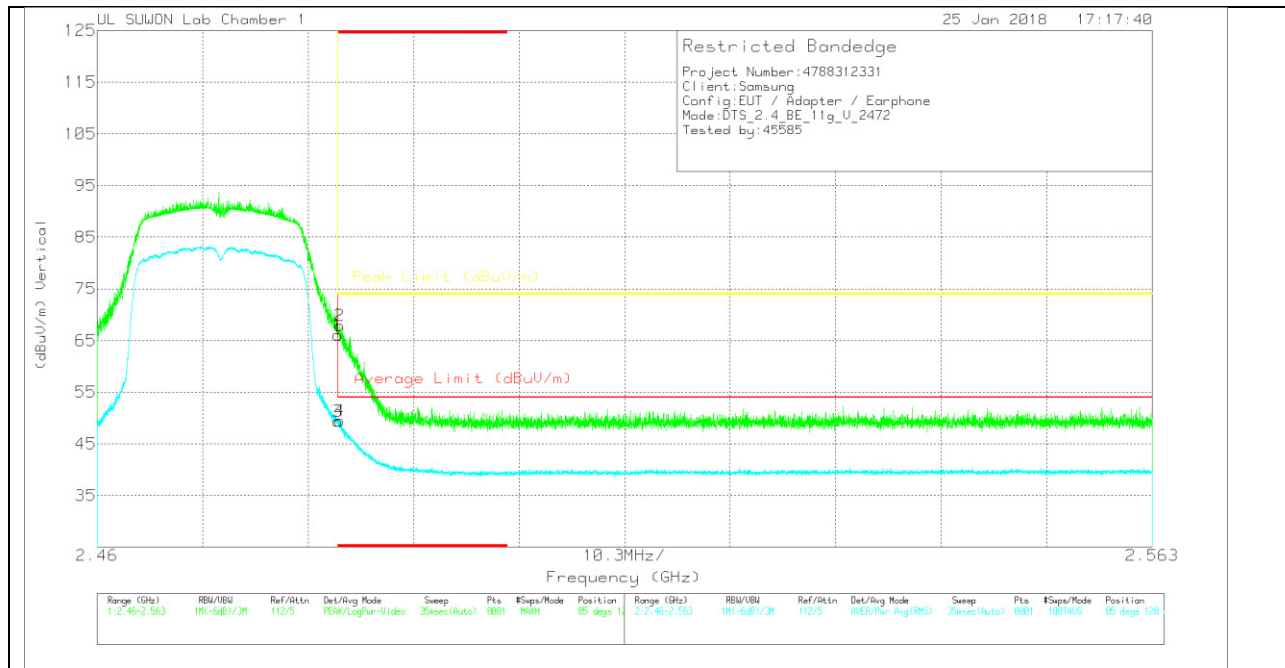
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	60.2	Pk		-25.5	0	66.3	-	-	74	-7.7	33	389	H
2	* 2.484	62.37	Pk		-25.5	0	68.47	-	-	74	-5.53	33	389	H
3	* 2.484	41.99	RMS		-25.5	.29	48.38	54	-5.62	-	-	33	389	H
4	* 2.484	42.28	RMS		-25.5	.29	48.67	54	-5.33	-	-	33	389	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

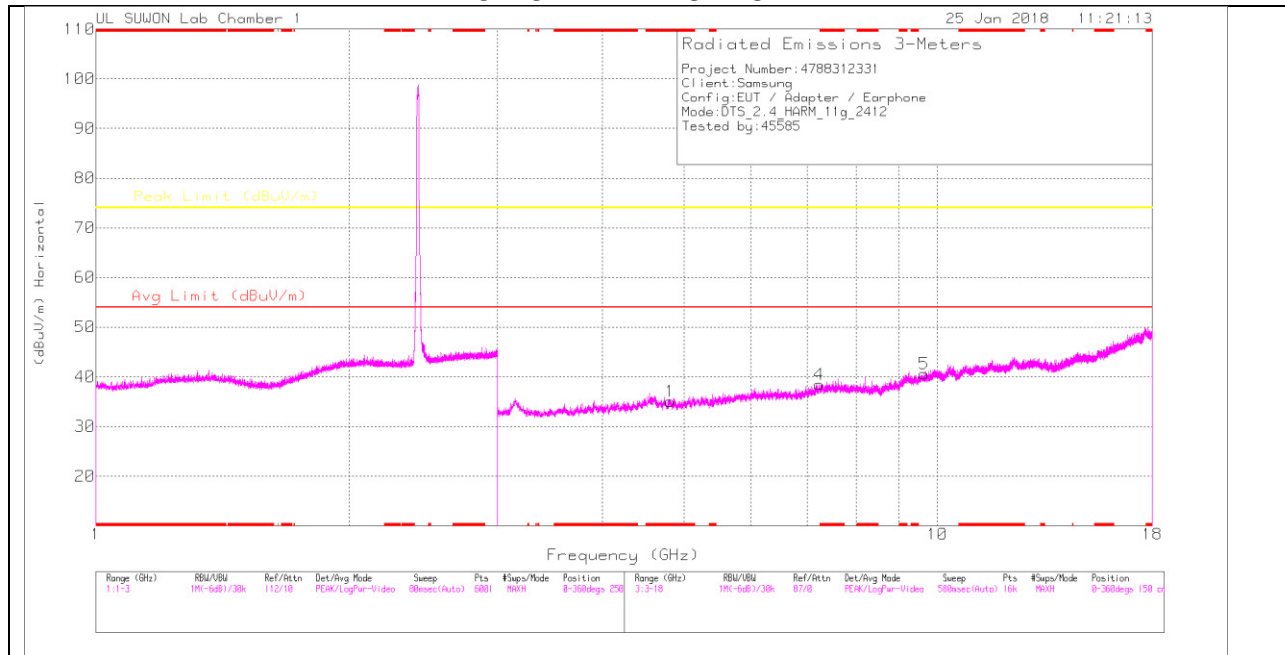
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809 -25.5	OC Corr (dB) 0	Corrected Reading (dBuV/m) 66.07	Average Limit (dBuV/m) -	Margin (dB) -	Peak Limit (dBuV/m) 74	PK Margin (dB) -7.93	Azimuth (Degs) 85	Height (cm) 128	Polarity V
1	* 2.484	59.97	PK		-25.5	0	66.07	-	-	74	-7.93	85	128	V
2	* 2.484	61.78	PK		-25.5	0	67.88	-	-	74	-6.12	85	128	V
3	* 2.484	43.01	RMS		-25.5	.29	49.4	54	-4.6	-	-	85	128	V
4	* 2.484	43.07	RMS		-25.5	.29	49.46	54	-4.54	-	-	85	128	V

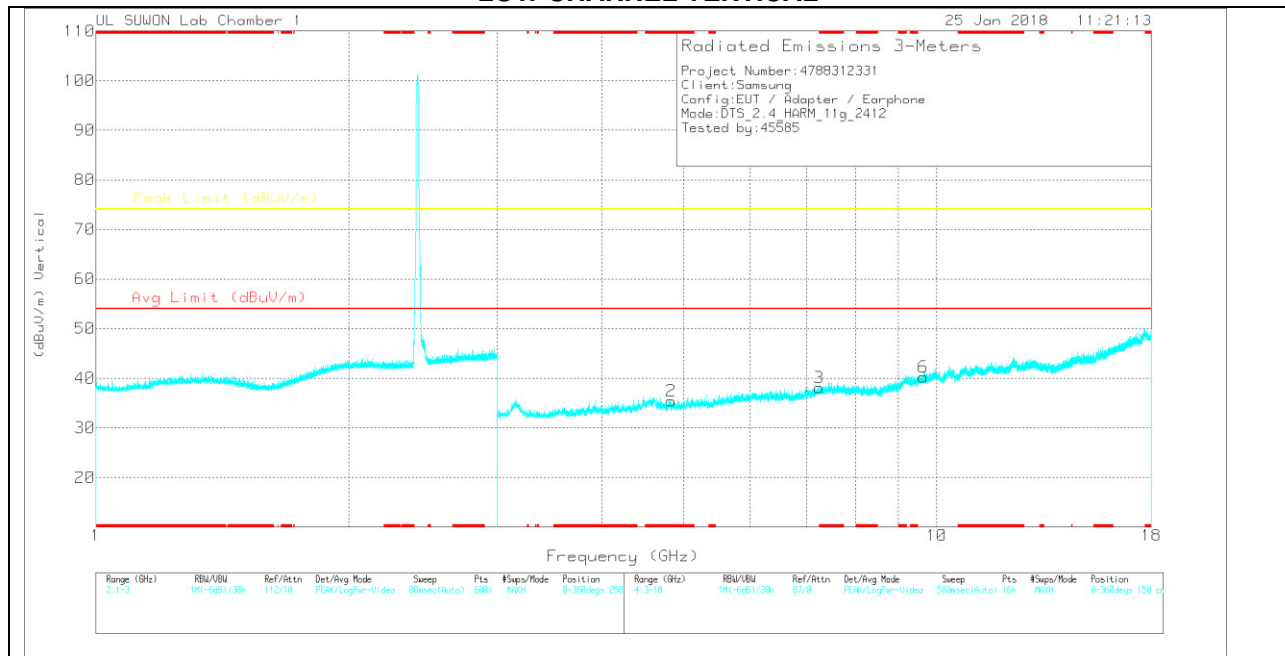
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### 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**

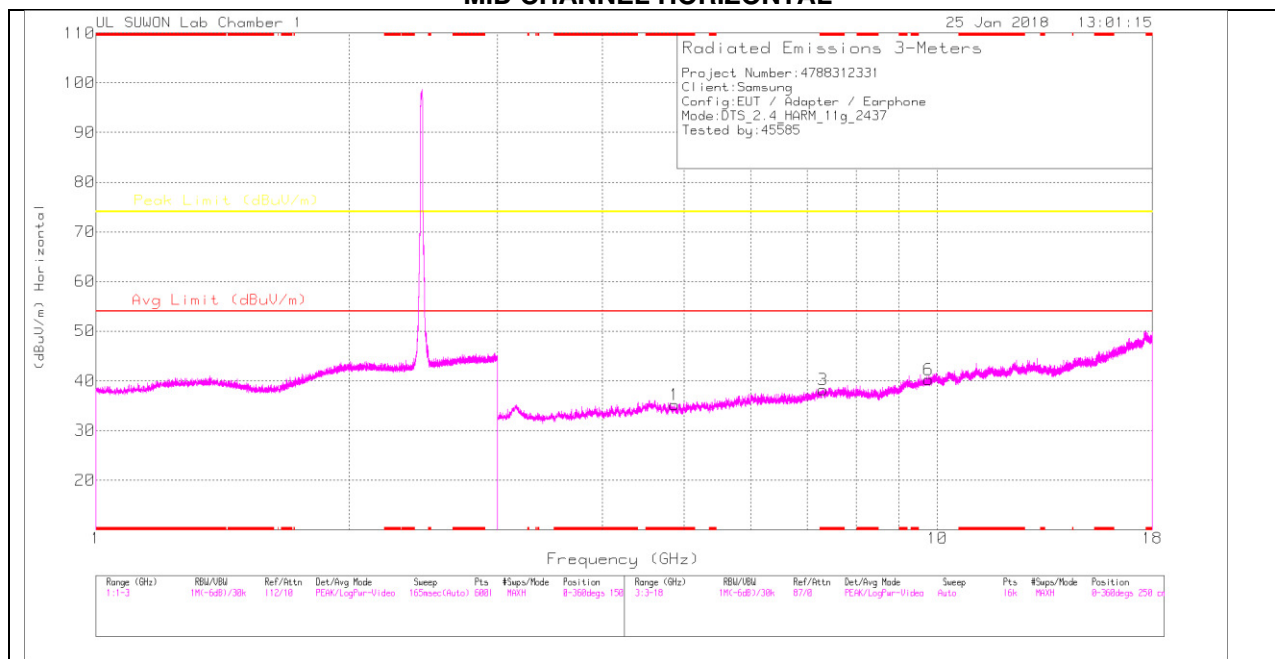
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687_17	3GHz_HP(dB)_170809	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	* 4.816	32.91	PK	33.8	-31.6	0	35.11	-	-	74	-38.89	0-360	150	H
4	7.234	30.59	PK	35.9	-28	0	38.49	-	-	74	-35.51	0-360	150	H
5	9.645	27.55	PK	36.8	-23.7	0	40.65	-	-	74	-33.35	0-360	250	H
2	* 4.834	33.28	PK	33.8	-31.6	0	35.48	-	-	74	-38.52	0-360	250	V
3	7.241	30.14	PK	35.9	-28	0	38.04	-	-	74	-35.96	0-360	250	V
6	9.643	27.03	PK	36.8	-23.6	0	40.23	-	-	74	-33.77	0-360	250	V

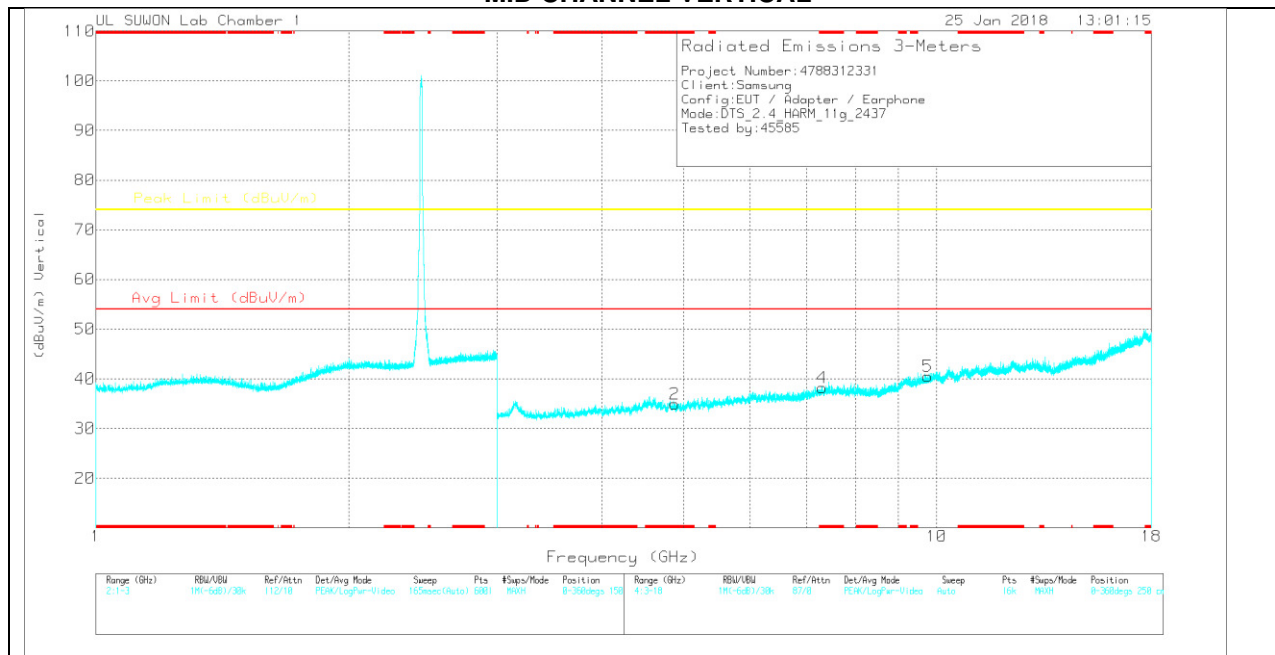
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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**

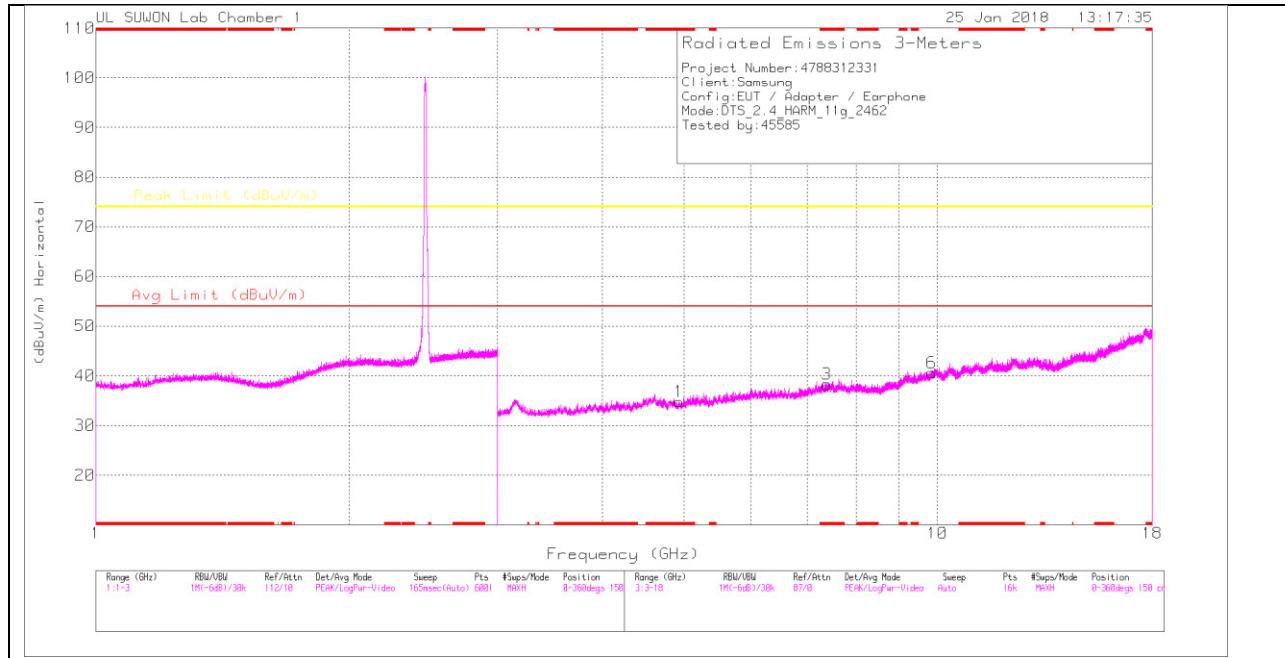
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687_17	3GHz_HP(dB)_170809	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	* 4.867	33.03	PK	33.8	-31.7	0	35.13	-	-	74	-38.87	0-360	150	H
3	* 7.311	29.95	PK	35.9	-27.6	0	38.25	-	-	74	-35.75	0-360	250	H
6	9.751	27.52	PK	36.9	-24.2	0	40.22	-	-	74	-33.78	0-360	250	H
2	* 4.876	32.83	PK	33.8	-31.7	0	34.93	-	-	74	-39.07	0-360	150	V
4	* 7.311	29.95	PK	35.9	-27.6	0	38.25	-	-	74	-35.75	0-360	250	V
5	9.753	27.8	PK	36.9	-24.2	0	40.5	-	-	74	-33.5	0-360	150	V

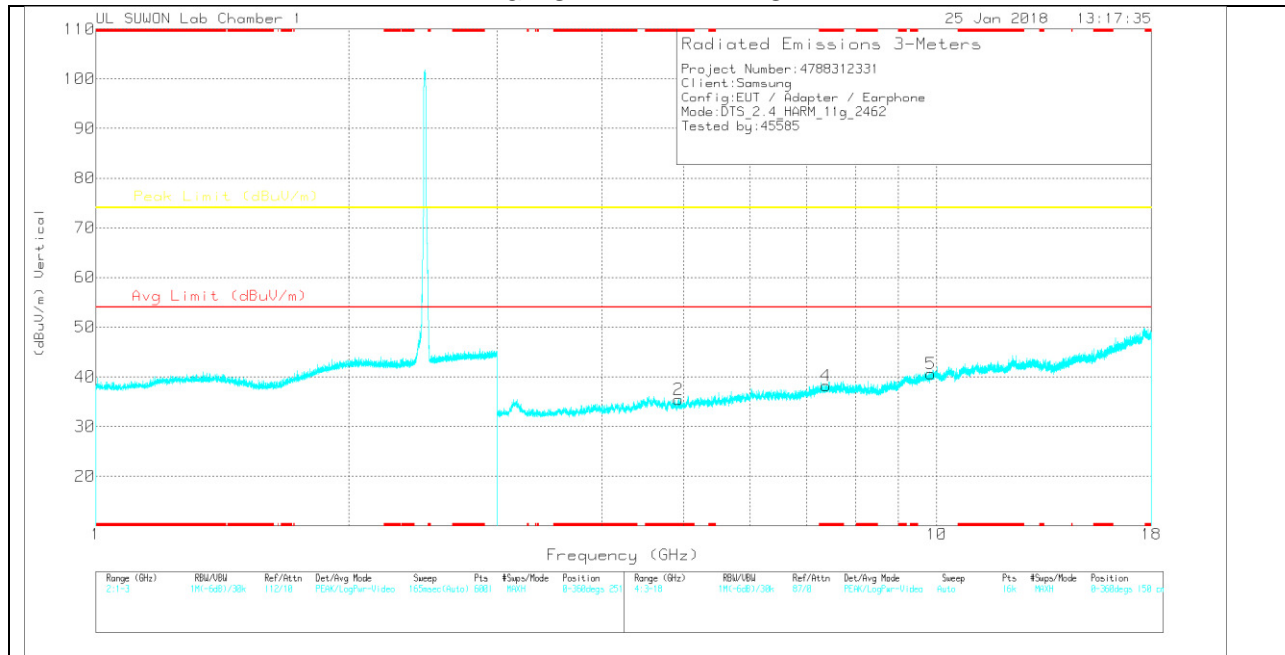
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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	20170531_3117_001687_17	3GHz_HP(dB)_170809	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	* 4.93	32.81	PK	33.8	-31.8	0	34.81	-	-	74	-39.19	0-360	250	H
3	* 7.382	29.68	PK	35.9	-27.3	0	38.28	-	-	74	-35.72	0-360	250	H
6	9.847	27.06	PK	37	-23.4	0	40.66	-	-	74	-33.34	0-360	250	H
2	* 4.928	33.46	PK	33.8	-31.8	0	35.46	-	-	74	-38.54	0-360	250	V
4	* 7.385	29.52	PK	35.9	-27.2	0	38.22	-	-	74	-35.78	0-360	150	V
5	9.846	27.07	PK	37	-23.5	0	40.57	-	-	74	-33.43	0-360	250	V

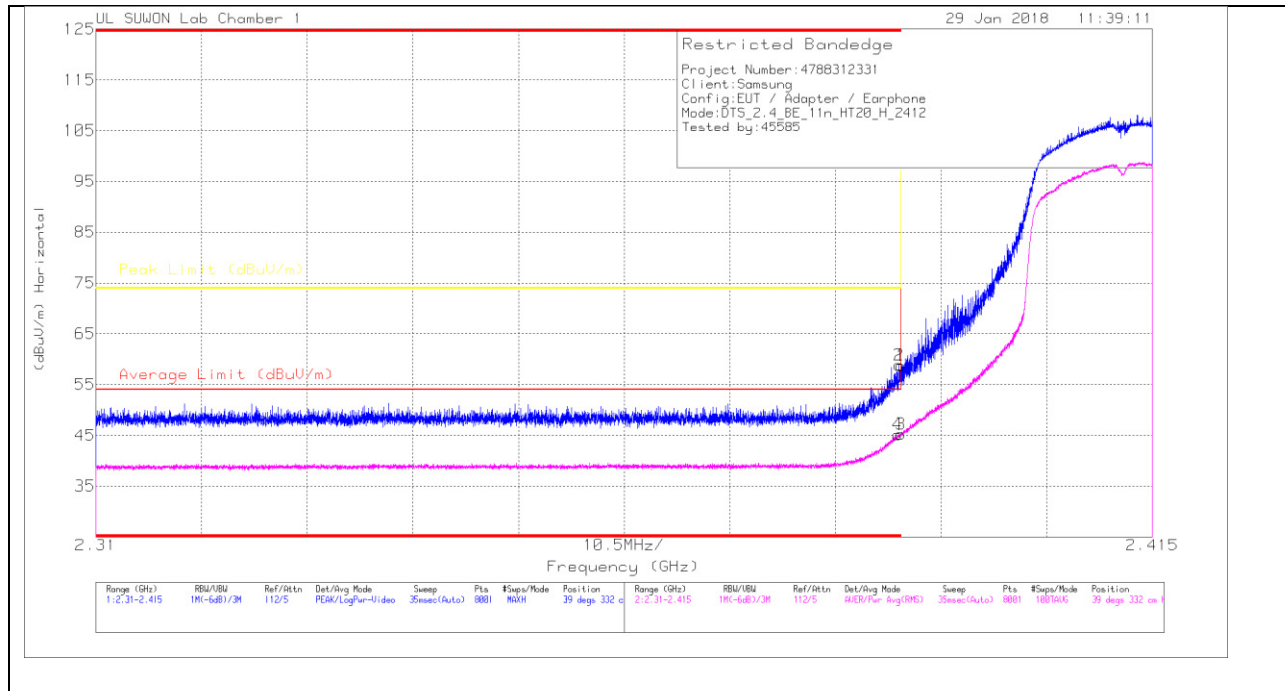
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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 802.11n HT20 MODE IN THE 2.4 GHz BAND**

**RESTRICTED BANDEDGE (LOW CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

**Trace Markers**

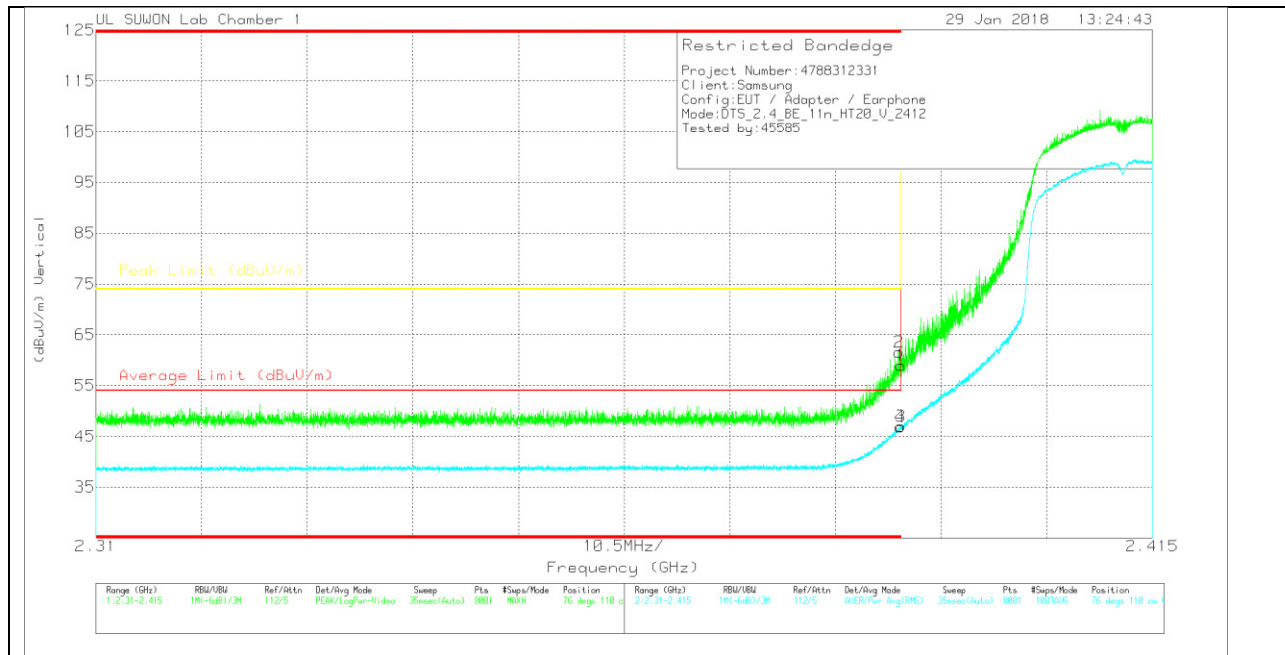
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.16	Pk			0	58.76	-	-	74	-15.24	39	332	H
2	* 2.39	53.31	Pk			0	58.91	-	-	74	-15.09	39	332	H
3	* 2.39	39.39	RMS			.32	45.31	54	-8.69	-	-	39	332	H
4	* 2.39	39.27	RMS			.32	45.19	54	-8.81	-	-	39	332	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.39	53.43	Pk	31.3	-25.7	0	59.03	-	-	74	-14.97	76	110	V
2	* 2.39	55.96	Pk	31.3	-25.7	0	61.56	-	-	74	-12.44	76	110	V
3	* 2.39	41.09	RMS	31.3	-25.7	.32	47.01	54	-6.99	-	-	76	110	V
4	* 2.39	40.93	RMS	31.3	-25.7	.32	46.85	54	-7.15	-	-	76	110	V

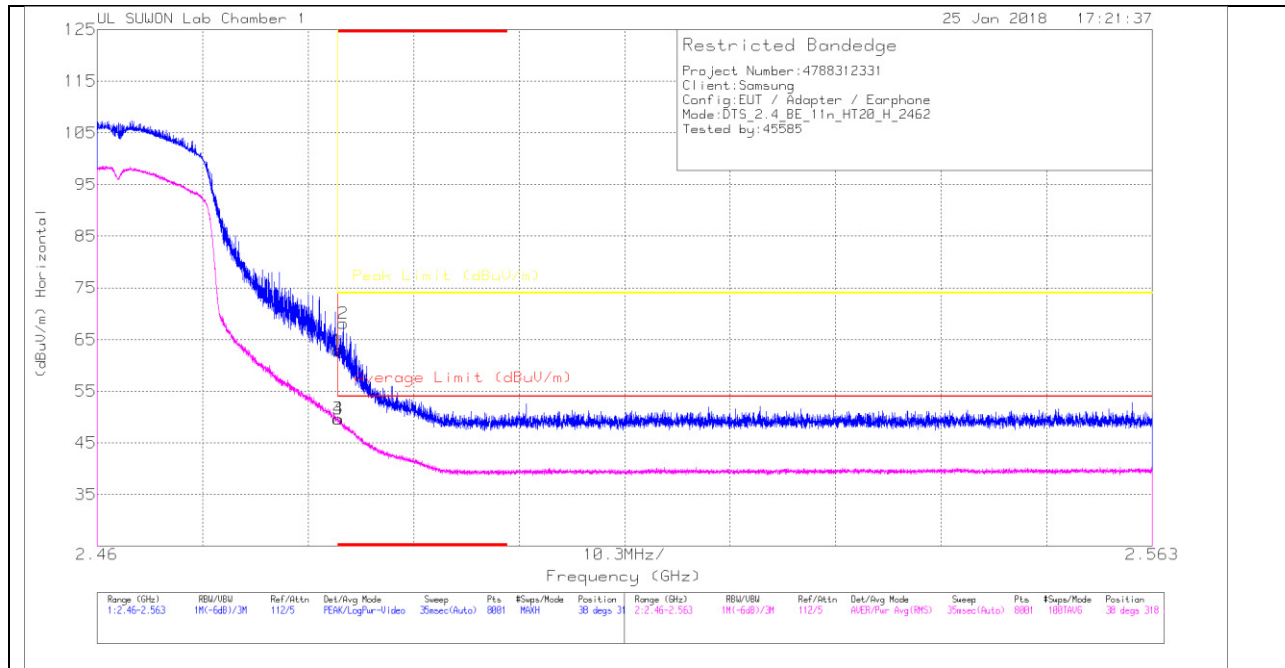
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (HIGH CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

Trace Markers

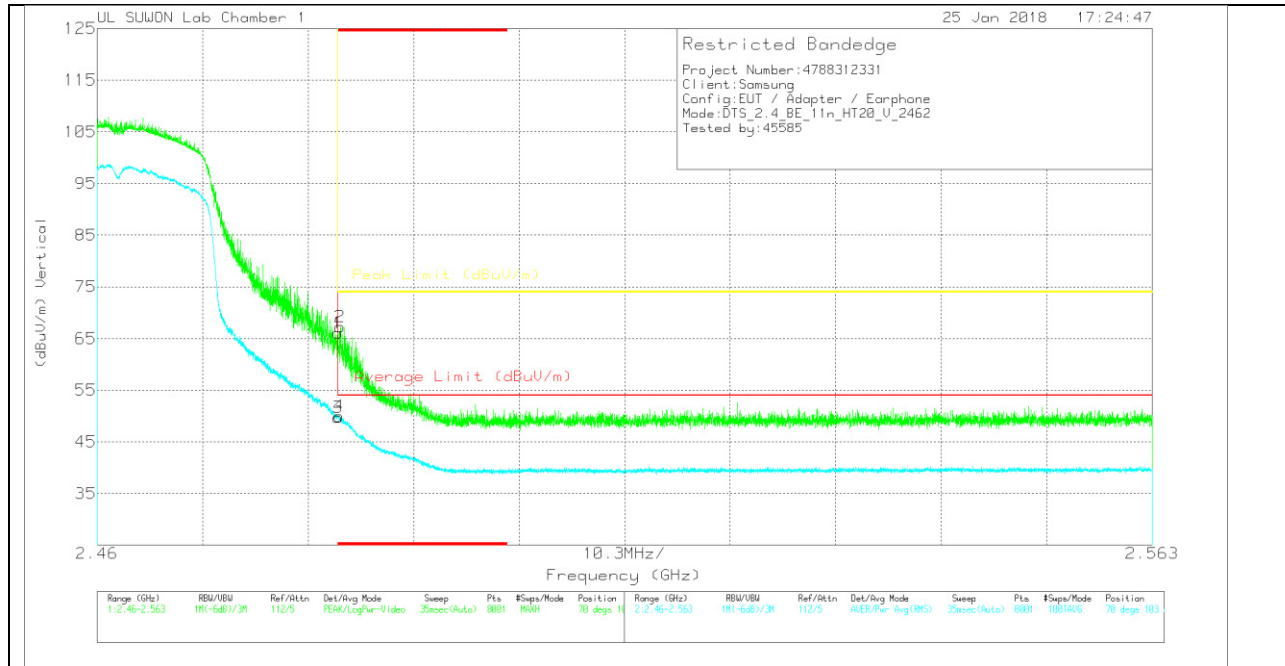
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809 -25.5	DC Corr (dB) 0	Corrected Reading (dBuV/m) 62.91	Average Limit (dBuV/m) -	Margin (dB) -	Peak Limit (dBuV/m) 74	Pk Margin (dB) -11.09	Azimuth (Degs) 38	Height (cm) 318	Polarity H
1	* 2.484	56.81	Pk	31.6	-25.5	0	62.91	-	-	74	-11.09	38	318	H
2	* 2.484	62.02	Pk	31.6	-25.5	0	68.12	-	-	74	-5.88	38	318	H
3	* 2.484	43.25	RMS	31.6	-25.5	.32	49.67	54	-4.33	-	-	38	318	H
4	* 2.484	43.23	RMS	31.6	-25.5	.32	49.65	54	-4.35	-	-	38	318	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	59.95	Pk		-25.5	0	66.05	-	-	74	-7.95	70	103	V
2	* 2.484	61.17	Pk		-25.5	0	67.27	-	-	74	-6.73	70	103	V
3	* 2.484	43.33	RMS		-25.5	-32	49.75	54	-4.25	-	-	70	103	V
4	* 2.484	43.54	RMS		-25.5	-32	49.96	54	-4.04	-	-	70	103	V

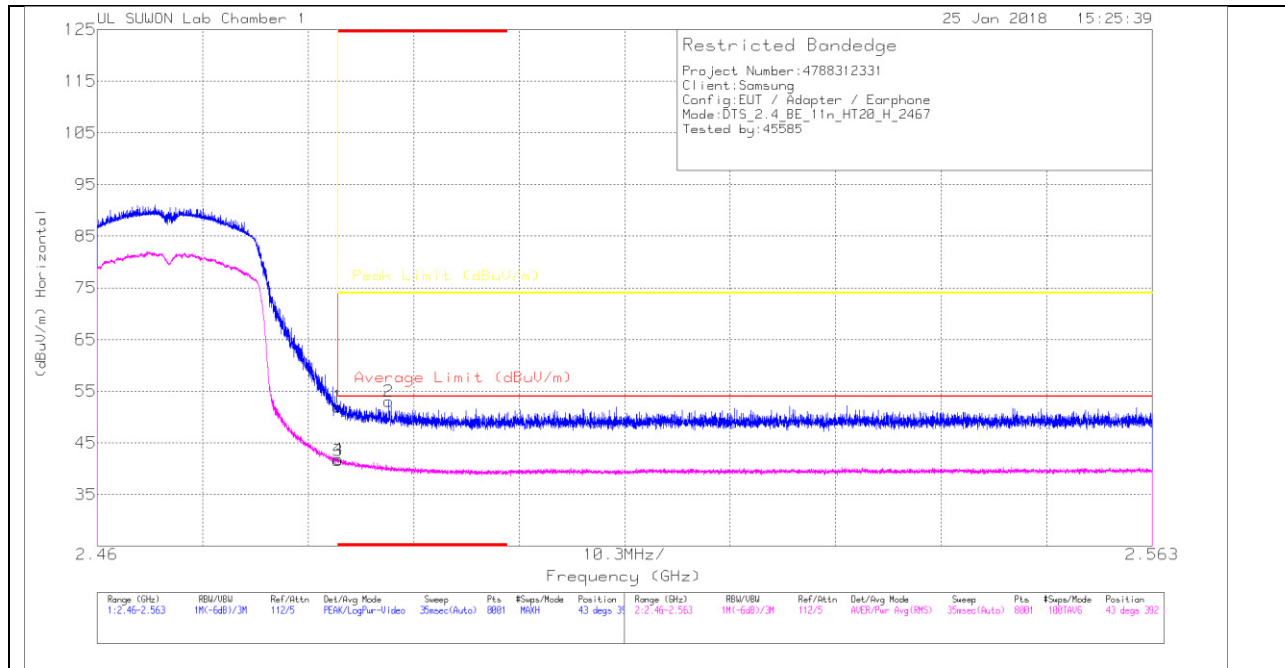
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

**AUTHORIZED BANDEDGE (12 CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

**Trace Markers**

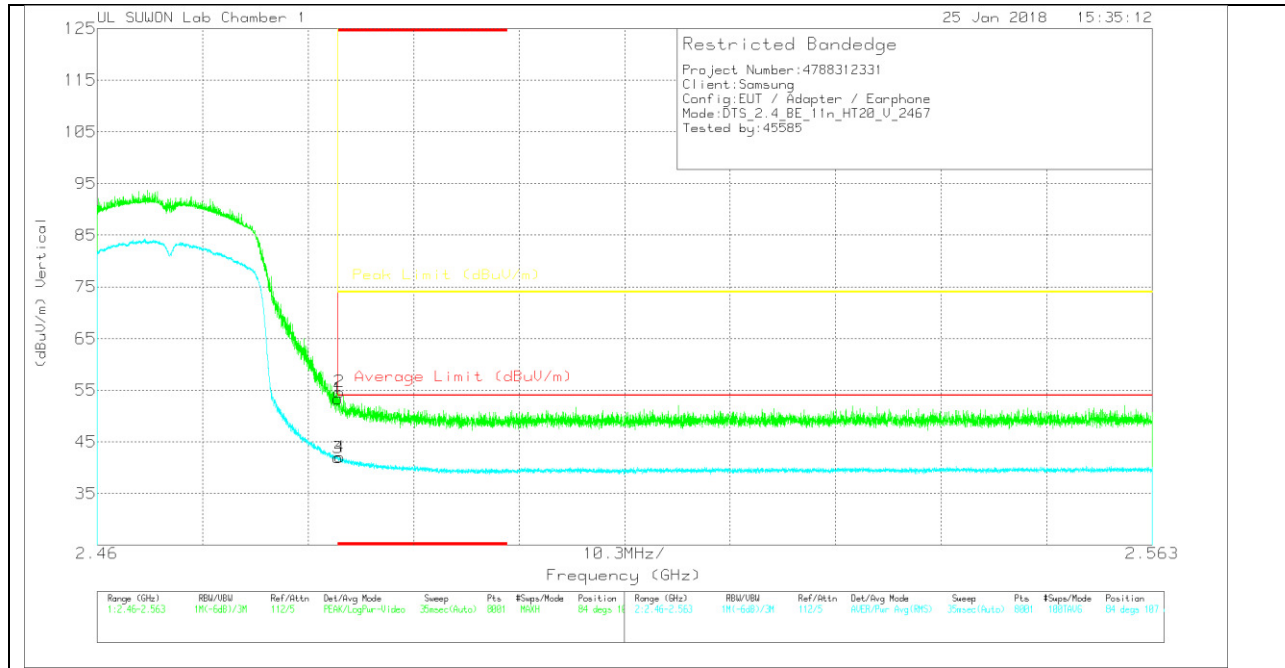
Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	45.89	PK	31.6	-25.5	0	51.99	-	-	74	-22.01	43	392	H
2	* 2.488	46.82	PK	31.6	-25.4	0	53.02	-	-	74	-20.98	43	392	H
3	* 2.484	35.16	RMS	31.6	-25.5	.32	41.58	54	-12.42	-	-	43	392	H
4	* 2.484	35.39	RMS	31.6	-25.5	.32	41.81	54	-12.19	-	-	43	392	H

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

Pk - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

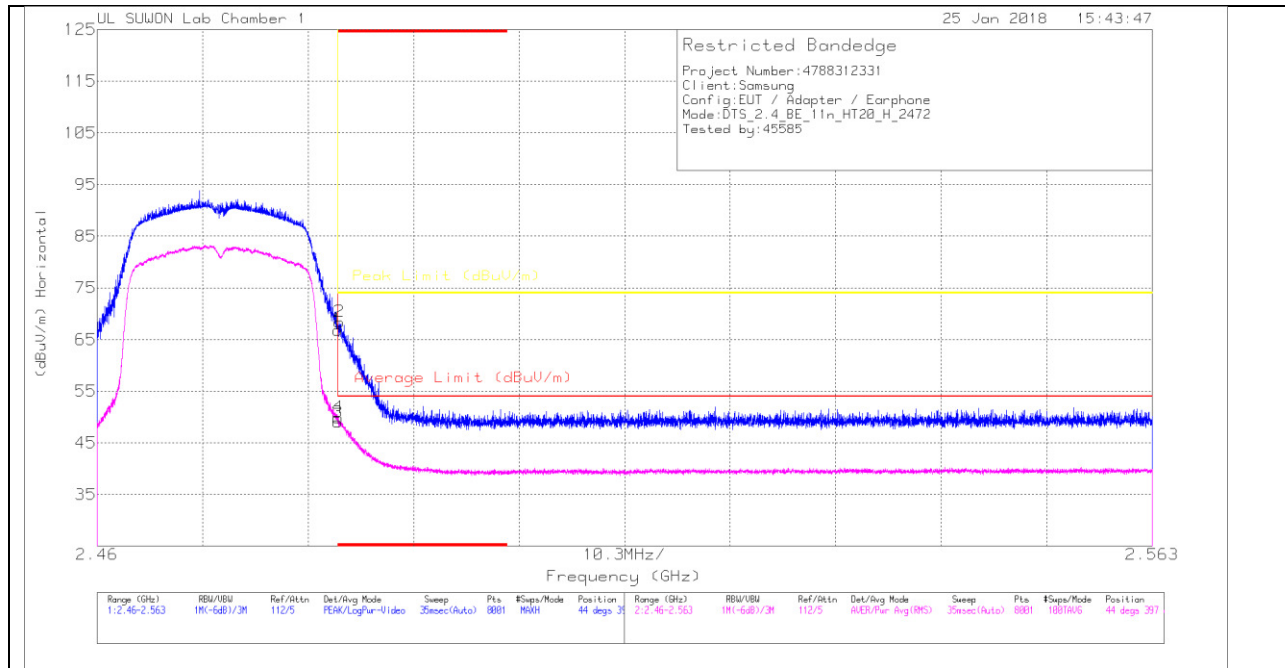
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168	10dB_ATT(dB)_170809	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	47.26	PK	31.6	-25.5	0	53.36	-	-	74	-20.64	84	107	V
2	* 2.484	48.58	PK	31.6	-25.5	0	54.68	-	-	74	-19.32	84	107	V
3	* 2.484	35.53	RMS	31.6	-25.5	.32	41.95	54	-12.05	-	-	84	107	V
4	* 2.484	35.66	RMS	31.6	-25.5	.32	42.08	54	-11.92	-	-	84	107	V

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

**AUTHORIZED BANDEDGE (13 CHANNEL)**

**HORIZONTAL PEAK AND AVERAGE PLOT**



**HORIZONTAL DATA**

**Trace Markers**

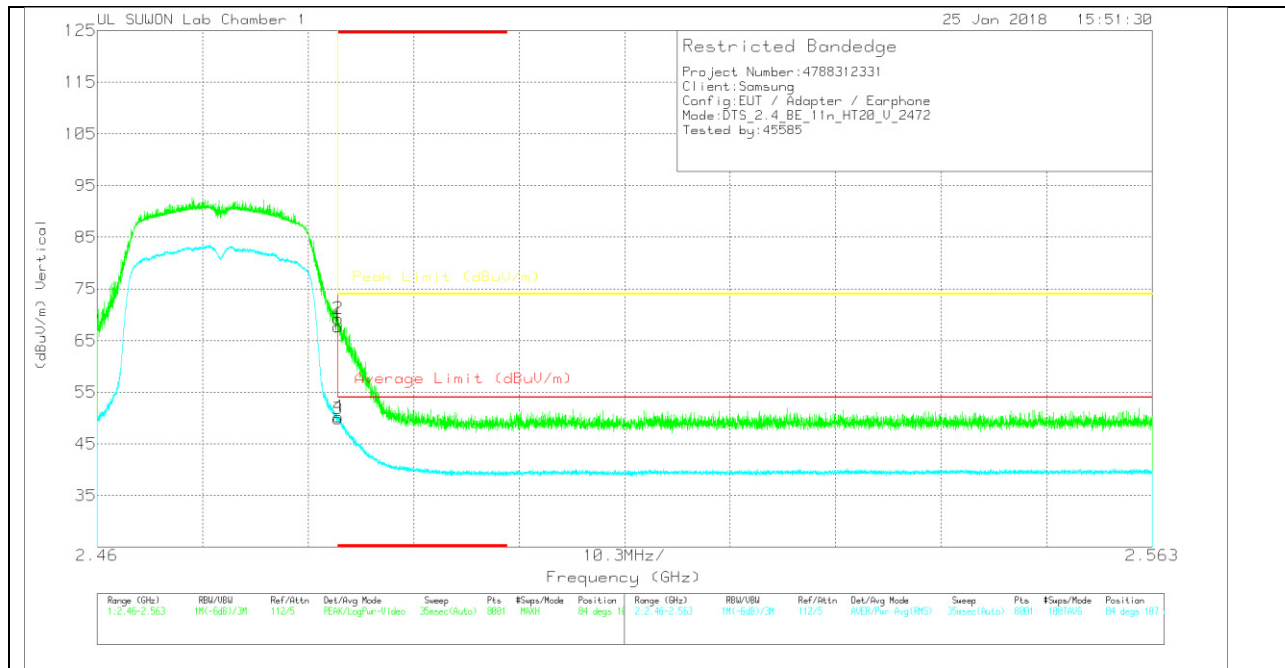
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168	10dB_ATT_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 2.484	60.73	PK	31.6	-25.5	0	66.83	-	-	74	-7.17	44	397	H
2	* 2.484	62.33	PK	31.6	-25.5	0	68.43	-	-	74	-5.57	44	397	H
3	* 2.484	42.58	RMS	31.6	-25.5	.32	49	54	-5	-	-	44	397	H
4	* 2.484	43.5	RMS	31.6	-25.5	.32	49.92	54	-4.08	-	-	44	397	H

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

PK - Peak detector

RMS - RMS detection

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

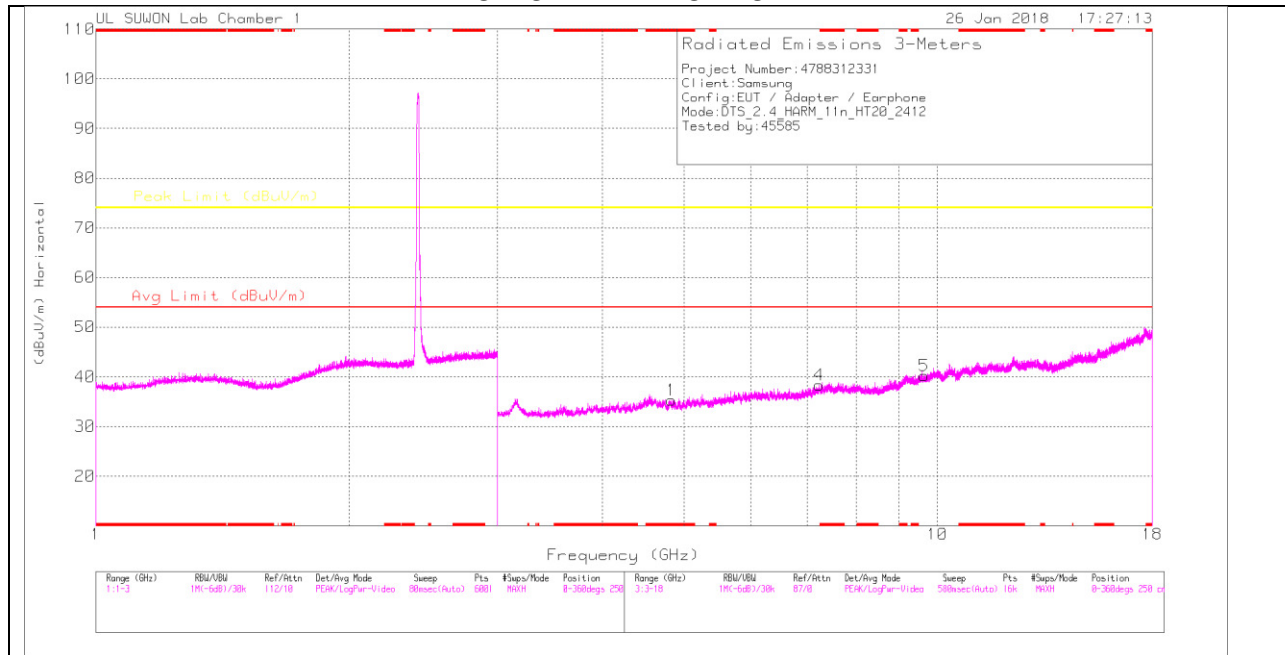
**Trace Markers**

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809 -25.5	OC Corr (dB) 0	Corrected Reading (dBuV/m) 67.7	Average Limit (dBuV/m) -	Margin (dB) -	Peak Limit (dBuV/m) 74	PK Margin (dB) -6.3	Azimuth (Degs) 84	Height (cm) 107	Polarity V
1	* 2.484	61.6	PK	31.6	-25.5	0	67.7	-	-	74	-6.3	84	107	V
2	* 2.484	63.16	PK	31.6	-25.5	0	69.26	-	-	74	-4.74	84	107	V
3	* 2.484	43.46	RMS	31.6	-25.5	-32	49.88	54	-4.12	-	-	84	107	V
4	* 2.484	43.88	RMS	31.6	-25.5	-32	50.3	54	-3.7	-	-	84	107	V

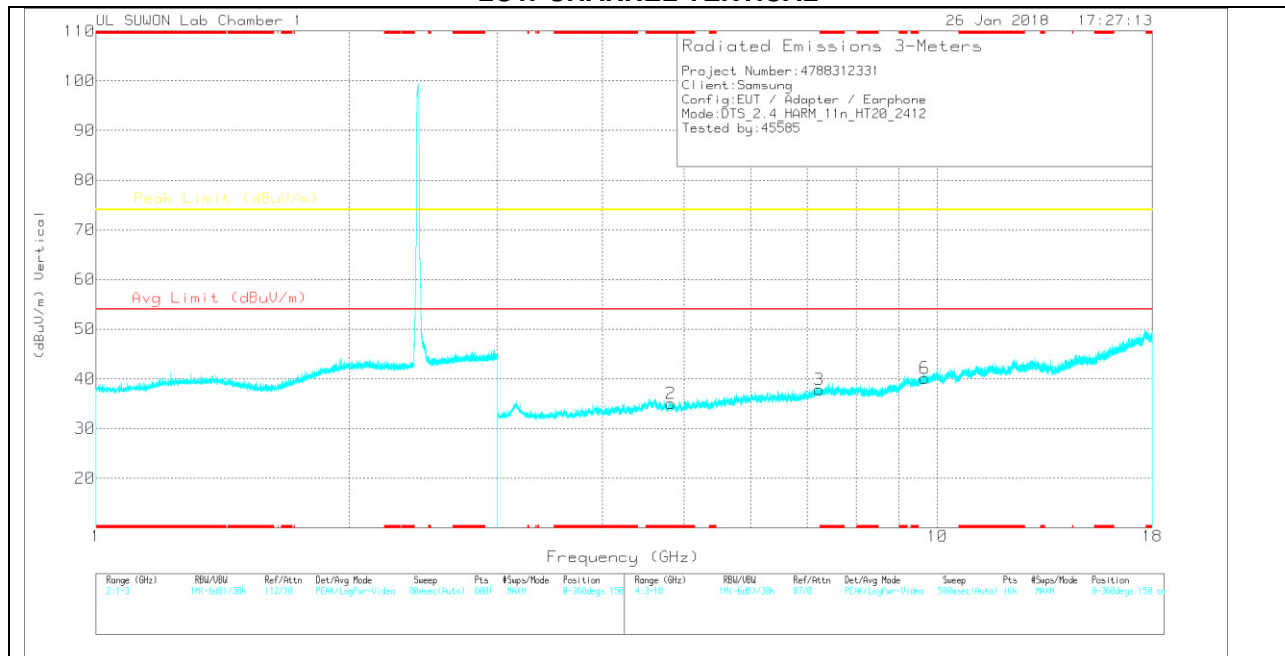
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 Pk - Peak detector  
 RMS - RMS detection

### 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**

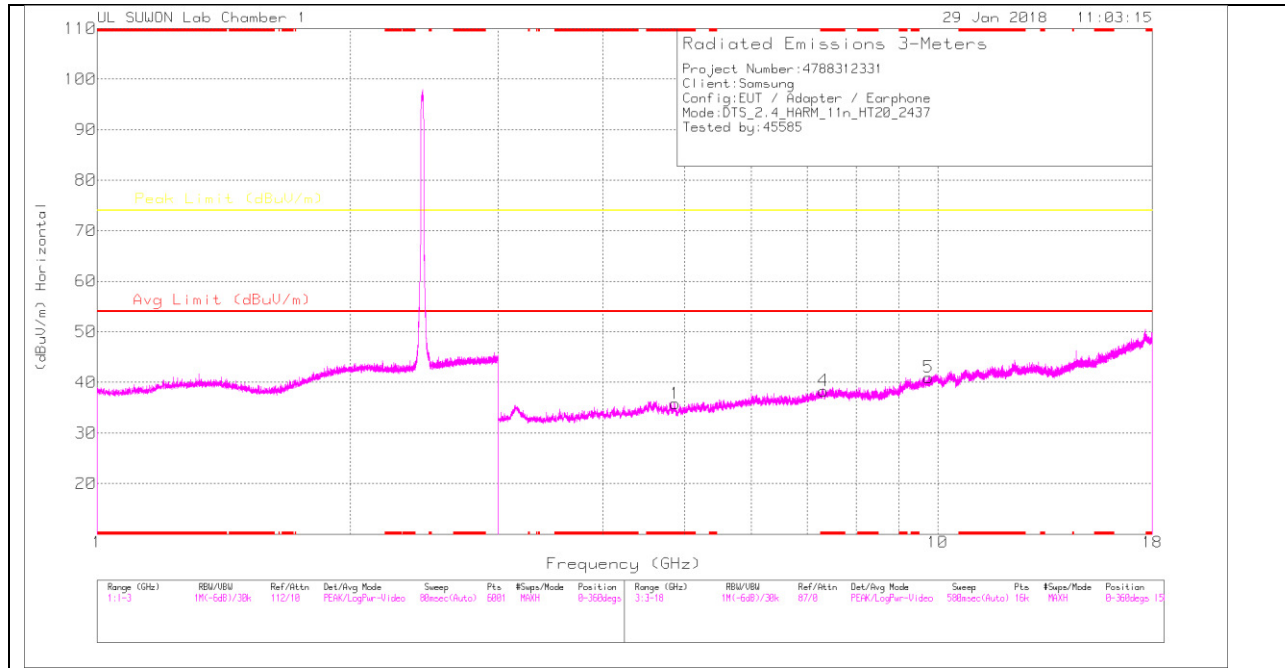
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687_17	3GHz_HP(dB)_170809	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	* 4.828	33.05	PK	33.8	-31.6	0	35.25	-	-	74	-38.75	0-360	150	H
4	7.236	30.45	PK	35.9	-28	0	38.35	-	-	74	-35.65	0-360	250	H
5	9.648	27.11	PK	36.8	-23.7	0	40.21	-	-	74	-33.79	0-360	150	H
2	* 4.821	32.86	PK	33.8	-31.6	0	35.06	-	-	74	-38.94	0-360	150	V
3	7.24	29.93	PK	35.9	-28	0	37.83	-	-	74	-36.17	0-360	150	V
6	9.65	27.07	PK	36.8	-23.7	0	40.17	-	-	74	-33.83	0-360	250	V

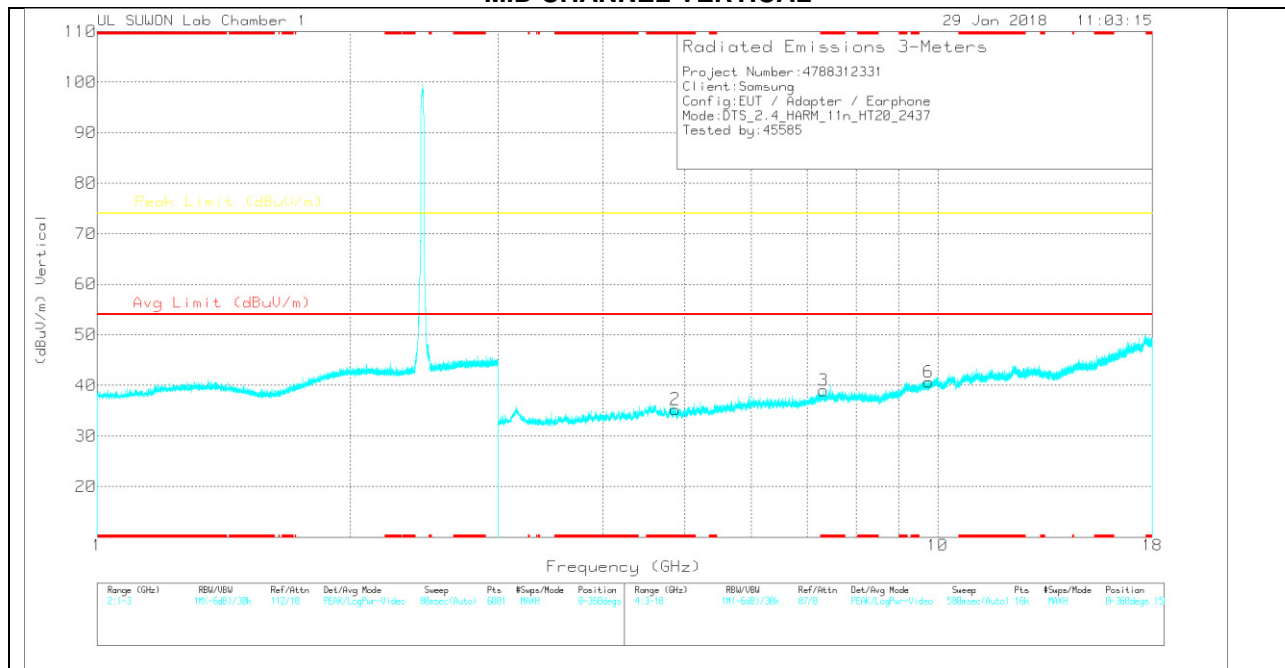
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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**

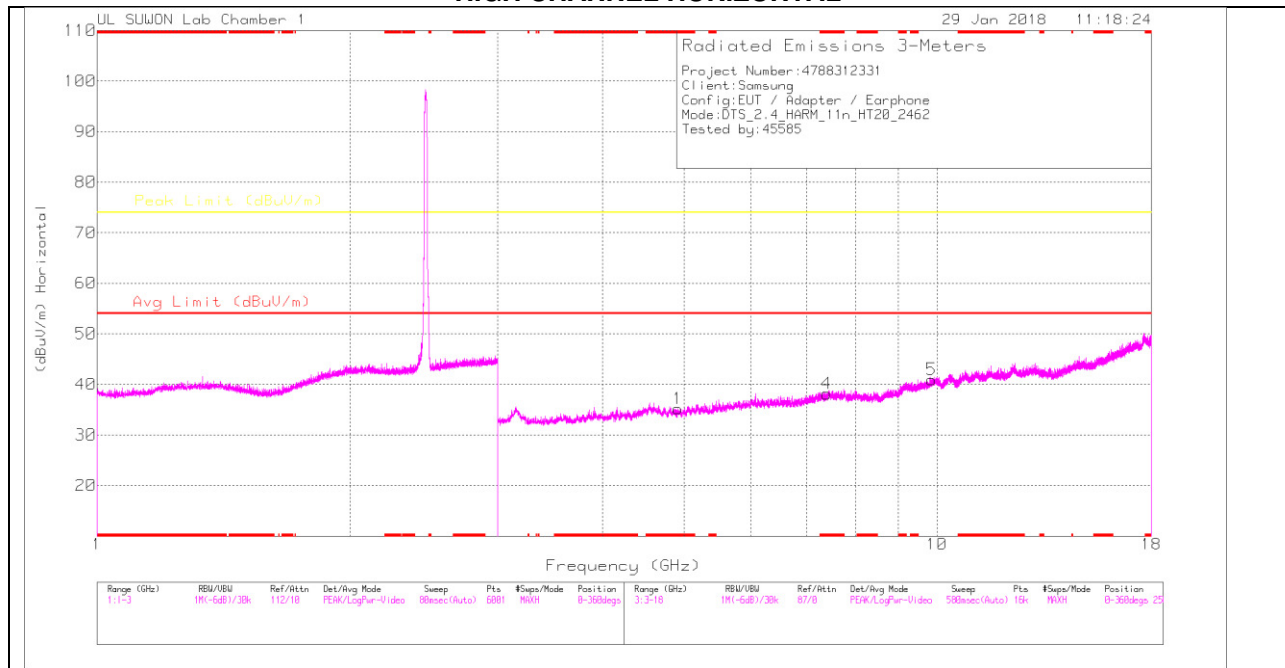
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687_17	3GHz_HP(dB)_170809	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	33.7	PK	33.8	-31.7	0	35.8	-	-	74	-38.2	0-360	150	H
4	* 7.316	30.04	PK	35.9	-27.6	0	38.34	-	-	74	-35.66	0-360	150	H
5	9.746	28.27	PK	36.9	-24.2	0	40.97	-	-	74	-33.03	0-360	250	H
2	* 4.873	33.13	PK	33.8	-31.7	0	35.23	-	-	74	-38.77	0-360	250	V
3	* 7.319	30.71	PK	35.9	-27.6	0	39.01	-	-	74	-34.99	0-360	250	V
6	9.746	27.94	PK	36.9	-24.2	0	40.64	-	-	74	-33.36	0-360	250	V

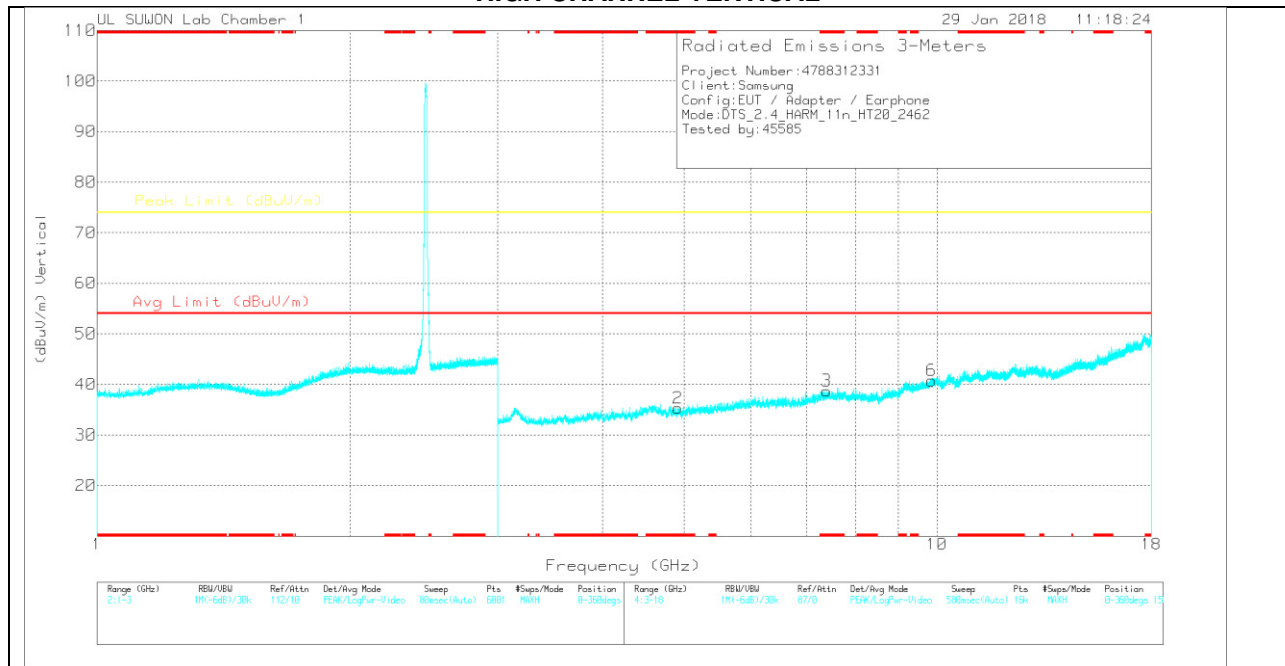
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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

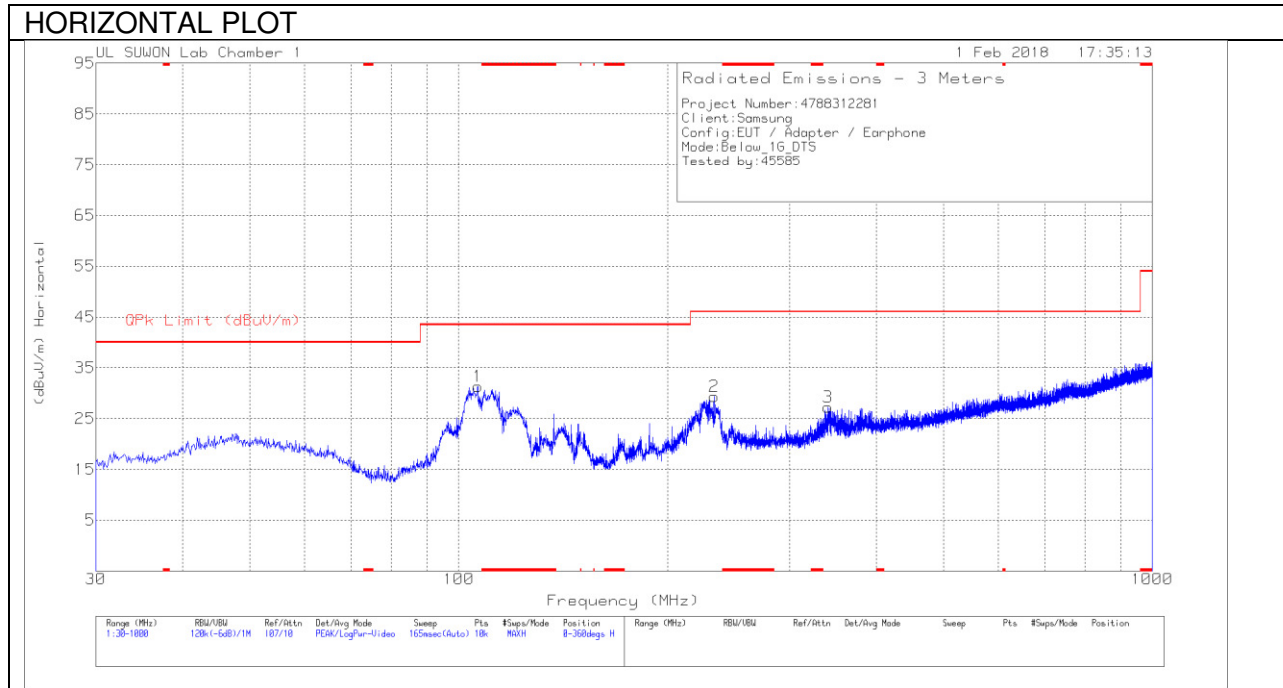
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687 17	3GHz_HP(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 4.918	33.16	PK	33.8	-31.8	0	35.16	-	-	74	-38.84	0-360	250	H
4	* 7.393	29.34	PK	35.9	-27.1	0	38.14	-	-	74	-35.86	0-360	250	H
5	9.847	27.33	PK	37	-23.4	0	40.93	-	-	74	-33.07	0-360	250	H
2	* 4.917	33.3	PK	33.8	-31.8	0	35.3	-	-	74	-38.7	0-360	251	V
3	* 7.388	30	PK	35.9	-27.2	0	38.7	-	-	74	-35.3	0-360	251	V
6	9.853	27.14	PK	37	-23.4	0	40.74	-	-	74	-33.26	0-360	150	V

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

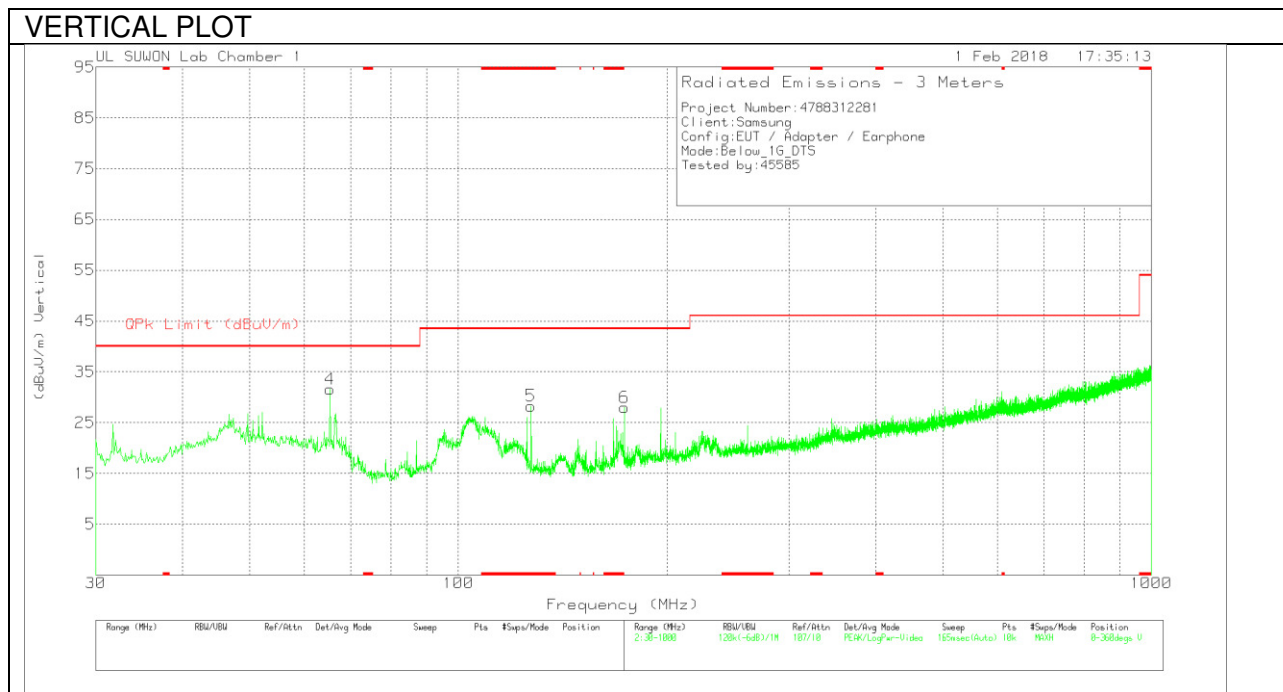
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

### 10.3. 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	750_20170831	30-1000MHz[dB]	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	106.533	42.18	Pk	17.4	-28.2	31.38	43.52	-12.14	0-360	300	H
2	233.409	38.92	Pk	17.8	-27.4	29.32	46.02	-16.7	0-360	100	H
3	340.497	33.43	Pk	20.6	-26.8	27.23	46.02	-18.79	0-360	100	H
4	65.308	43.6	Pk	16.9	-28.9	31.6	40	-8.4	0-360	100	V
5	* 127.388	41.7	Pk	14.7	-28.1	28.3	43.52	-15.22	0-360	300	V
6	173.657	40.71	Pk	14.9	-27.6	28.01	43.52	-15.51	0-360	300	V

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

Pk - Peak detector

## 11. AC POWER LINE CONDUCTED EMISSIONS

### LIMITS

FCC §15.207 (a)  
 IC RSS-GEN Clause 8.8

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

\*Decreases with the logarithm of the frequency.

### TEST PROCEDURE

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

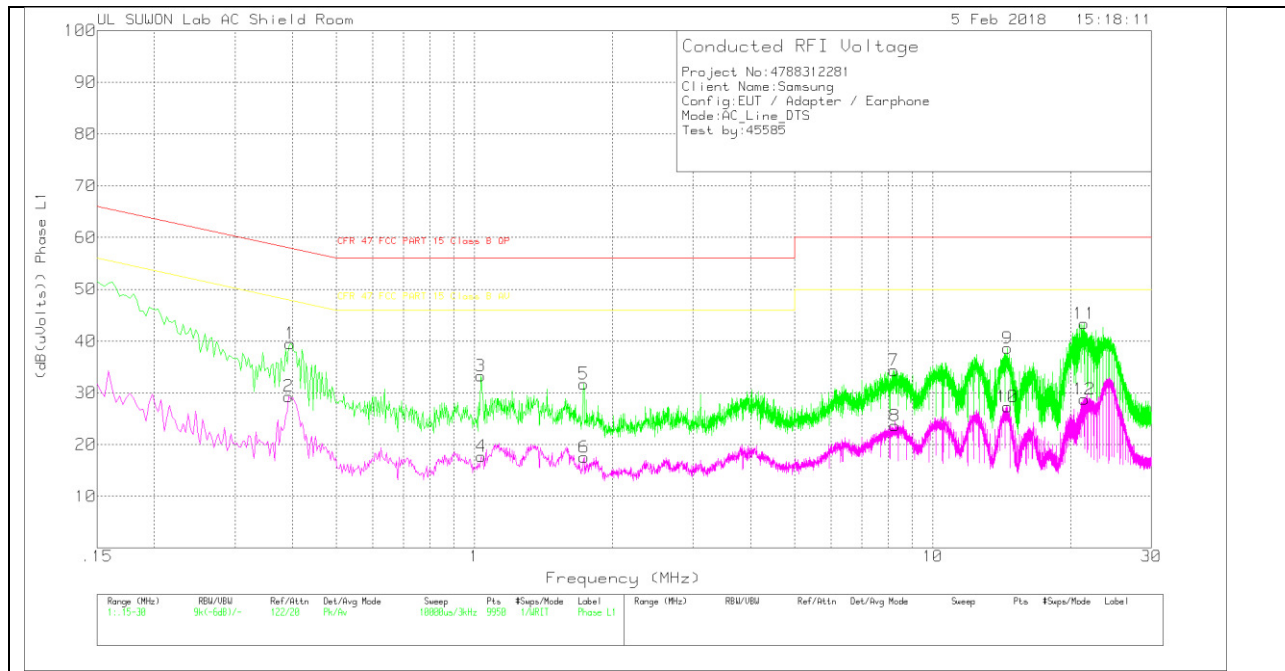
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

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

**RESULTS**

**WORST EMISSIONS**

**LINE 1 PLOT**



**LINE 1 RESULTS**

Trace Markers

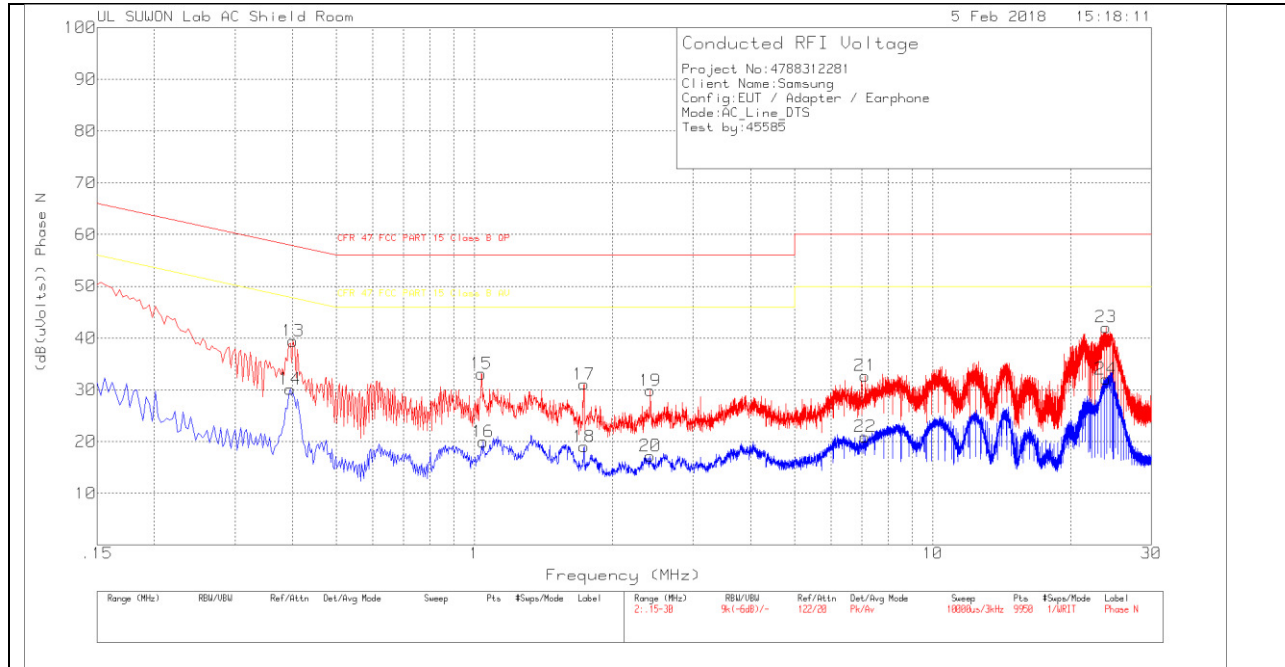
Range 1: Phase L1 .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_L1_wit h extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
1	.396	29.5	Pk	9.8	.2	39.5	57.94	-18.44	-	-
2	.393	19.32	Av	9.8	.2	29.32	-	-	48	-18.68
3	1.032	23.18	Pk	9.8	.3	33.28	56	-22.72	-	-
4	1.035	7.62	Av	9.8	.3	17.72	-	-	46	-28.28
5	1.731	21.51	Pk	9.9	.3	31.71	56	-24.29	-	-
6	1.734	7.36	Av	9.9	.3	17.56	-	-	46	-28.44
7	8.235	24.32	Pk	9.7	.3	34.32	60	-25.68	-	-
8	8.265	13.67	Av	9.7	.3	23.67	-	-	50	-26.33
9	14.55	28.41	Pk	9.8	.4	38.61	60	-21.39	-	-
10	14.55	17.1	Av	9.8	.4	27.3	-	-	50	-22.7
11	21.423	32.86	Pk	10.1	.4	43.36	60	-16.64	-	-
12	21.426	18.25	Av	10.1	.4	28.75	-	-	50	-21.25

Pk - Peak detector

Av - Average detection

**LINE 2 PLOT**



**LINE 2 RESULTS**

Trace Markers

Range 2: Phase N .15 - 30MHz

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	101837_N_with extension	CABLELOSS(dB)	Corrected Reading (dB(uVolts))	CFR 47 FCC PART 15 Class B QP	Margin (dB)	CFR 47 FCC PART 15 Class B AV	Margin (dB)
13	.402	29.44	Pk	9.8	.2	39.44	57.81	-18.37	-	-
14	.396	20.14	Av	9.8	.2	30.14	-	-	47.94	-17.8
15	1.035	22.91	Pk	9.9	.3	33.11	56	-22.89	-	-
16	1.044	9.76	Av	9.9	.3	19.96	-	-	46	-26.04
17	1.734	20.89	Pk	9.9	.3	31.09	56	-24.91	-	-
18	1.734	8.82	Av	9.9	.3	19.02	-	-	46	-26.98
19	2.418	19.65	Pk	9.9	.3	29.85	56	-26.15	-	-
20	2.418	7.02	Av	9.9	.3	17.22	-	-	46	-28.78
21	7.122	22.62	Pk	9.8	.3	32.72	60	-27.28	-	-
22	7.122	10.82	Av	9.8	.3	20.92	-	-	50	-29.08
23	23.88	31.5	Pk	10.2	.4	42.1	60	-17.9	-	-
24	23.877	21.48	Av	10.2	.4	32.08	-	-	50	-17.92

Pk - Peak detector  
 Av - Average detection