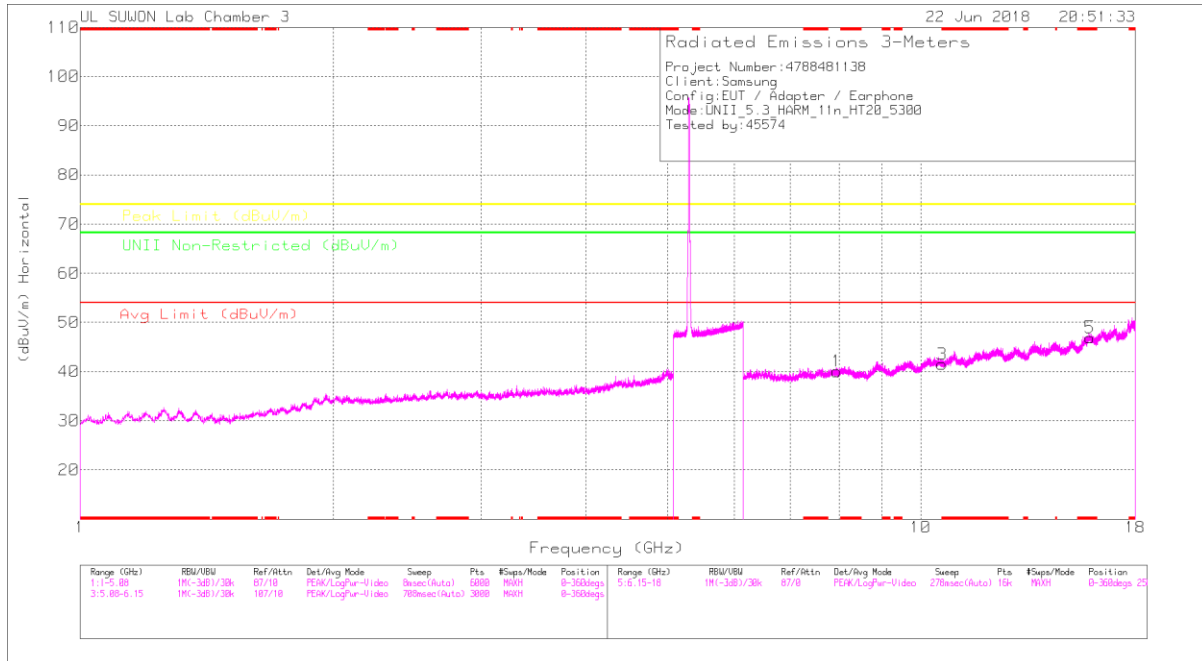
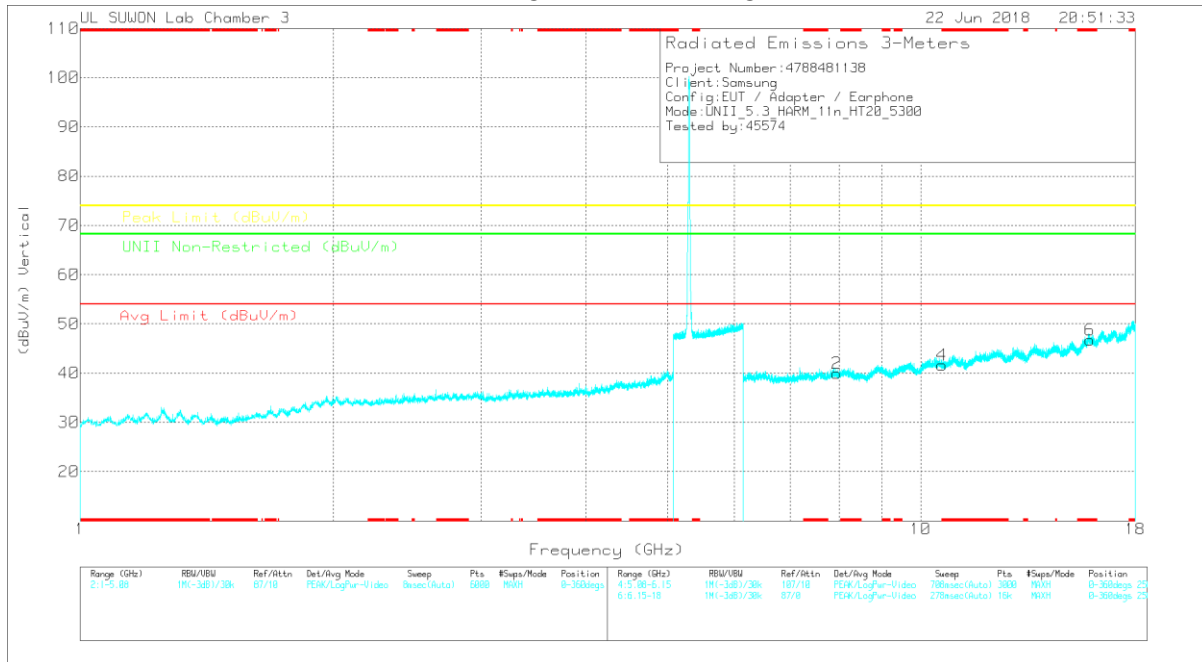


**MID CHANNEL HORIZONTAL**



**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

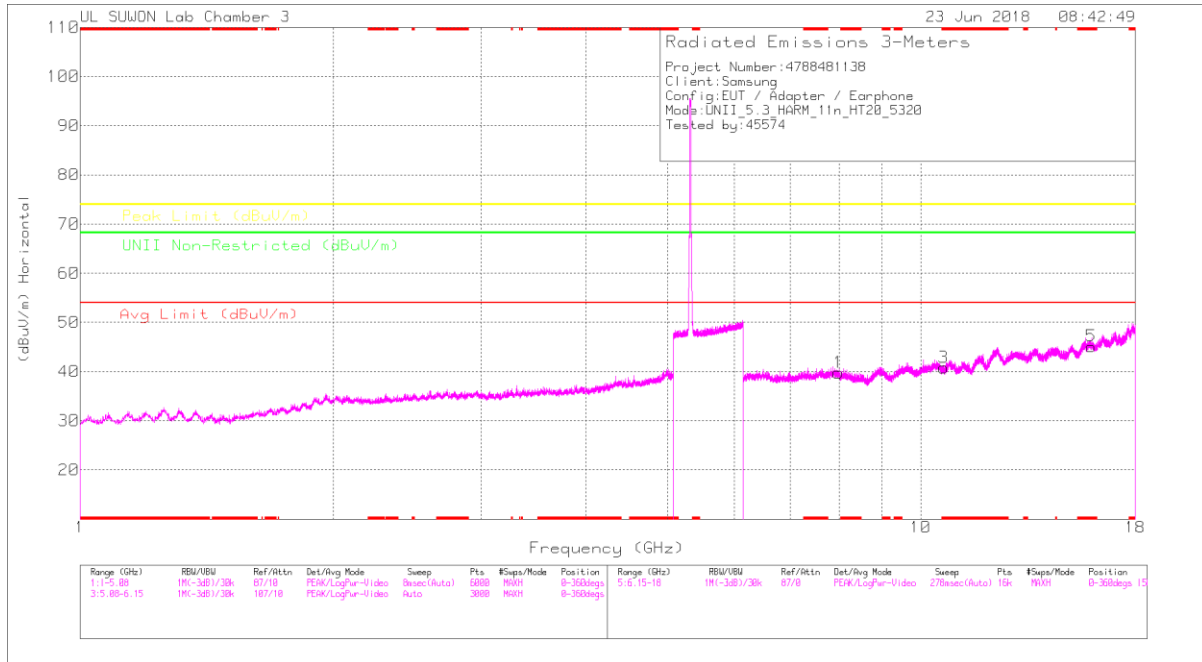
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00209959)	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	7.949	26.85	PK	35.7	-22.5	0	40.05	-	-	-	-	68.2	-28.15	0-360	250	H
3	* 10.601	23.19	PK	37.7	-19.4	0	41.49	-	-	74	-32.51	-	-	0-360	250	H
5	* 15.902	24.28	PK	41	-18.4	0	46.88	-	-	74	-27.12	-	-	0-360	250	H
2	7.949	26.75	PK	35.7	-22.5	0	39.95	-	-	-	-	68.2	-28.25	0-360	149	V
4	* 10.601	23.33	PK	37.7	-19.4	0	41.63	-	-	74	-32.37	-	-	0-360	149	V
6	* 15.902	24.1	PK	41	-18.4	0	46.7	-	-	74	-27.3	-	-	0-360	250	V

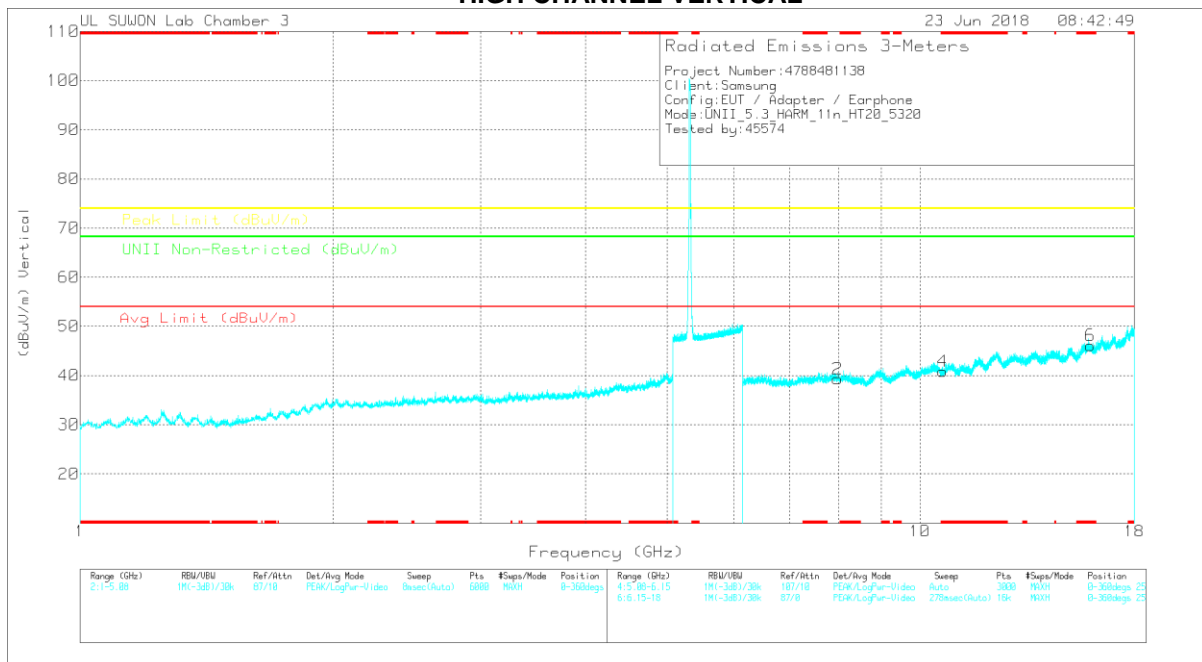
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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 40GHz; 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)	Marker Reading (dBuV)	Det	3117(0020995)	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.98	26.79	PK	35.7	-22.7	0	39.79	-	-	-	-	68.2	-28.41	0-360	150	H
3	* 10.641	22.5	PK	37.6	-19.3	0	40.8	-	-	74	-33.2	-	-	0-360	251	H
5	* 15.961	22.53	PK	41.1	-18.5	0	45.13	-	-	74	-28.87	-	-	0-360	150	H
2	7.98	26.32	PK	35.7	-22.7	0	39.32	-	-	-	-	68.2	-28.88	0-360	251	V
4	* 10.64	22.55	PK	37.6	-19.3	0	40.85	-	-	74	-33.15	-	-	0-360	149	V
6	* 15.961	23.51	PK	41.1	-18.5	0	46.11	-	-	74	-27.89	-	-	0-360	149	V

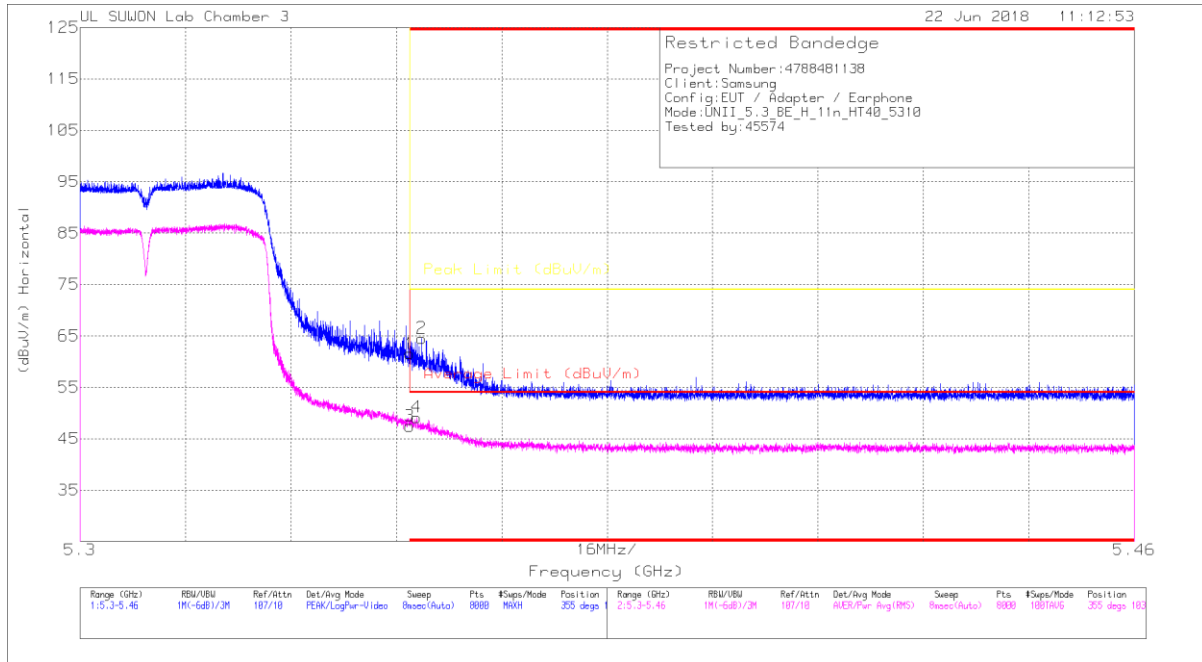
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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

### 11.2.3.TX ABOVE 1GHz 802.11n HT40 MODE IN THE 5.3GHz BAND

### AUTHORIZED BANDEDGE (HIGH CHANNEL)

### HORIZONTAL PEAK AND AVERAGE PLOT



### HORIZONTAL DATA

#### Trace Markers

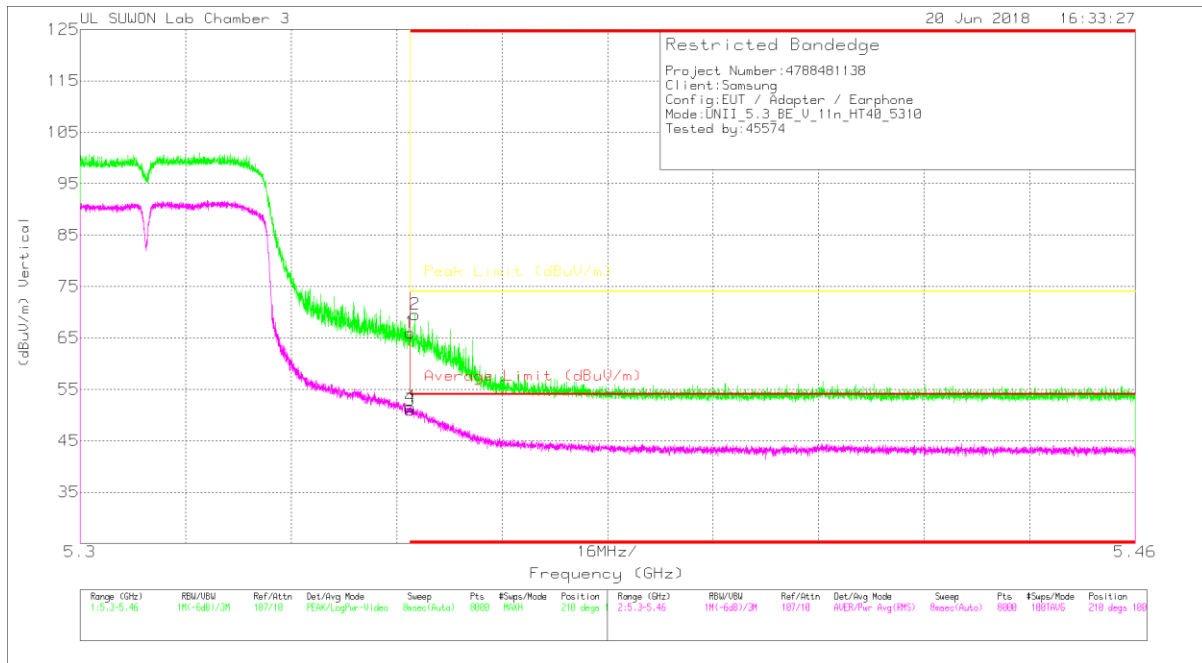
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.85	PK	34.4	-18.7	0	61.55	-	-	74	-12.45	355	103	H
2	* 5.352	48.83	PK	34.4	-18.7	0	64.53	-	-	74	-9.47	355	103	H
3	* 5.35	31.89	RMS	34.4	-19	.17	47.46	54	-6.54	-	-	355	103	H
4	* 5.351	33.59	RMS	34.4	-19	.17	49.16	54	-4.84	-	-	355	103	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	3117(0020599)	10dB_ATT[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	* 5.35	50.29	Pk	34.4	-18.7	0	65.99	-	-	74	-8.01	210	100	V
2	* 5.351	53.76	Pk	34.4	-18.6	0	69.56	-	-	74	-4.44	210	100	V
3	* 5.35	35.4	RMS	34.4	-19	.17	50.97	54	-3.03	-	-	210	100	V
4	* 5.35	36	RMS	34.4	-19	.17	51.57	54	-2.43	-	-	210	100	V

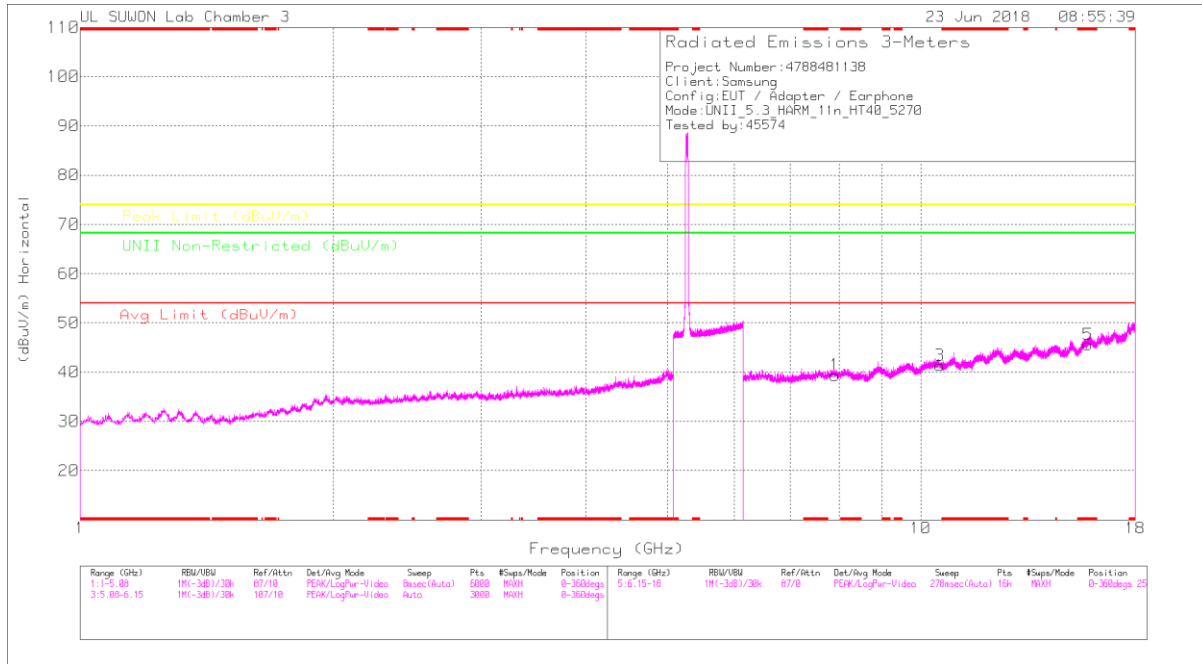
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

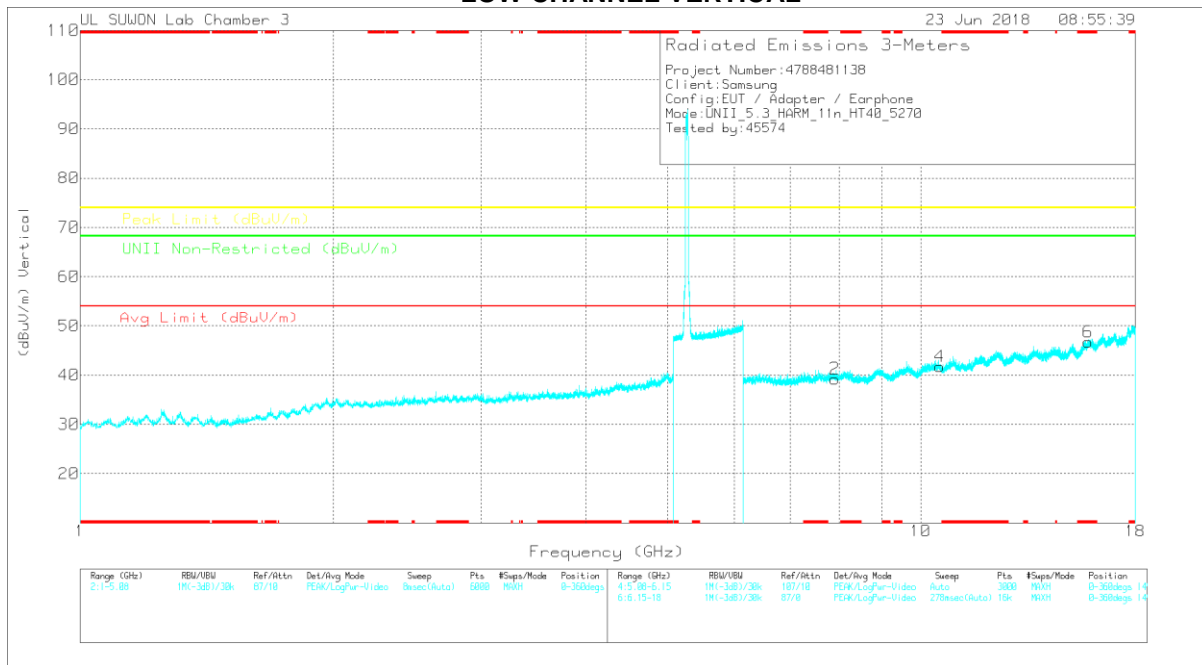
RMS - RMS detection

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL HORIZONTAL



### LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

Trace Markers

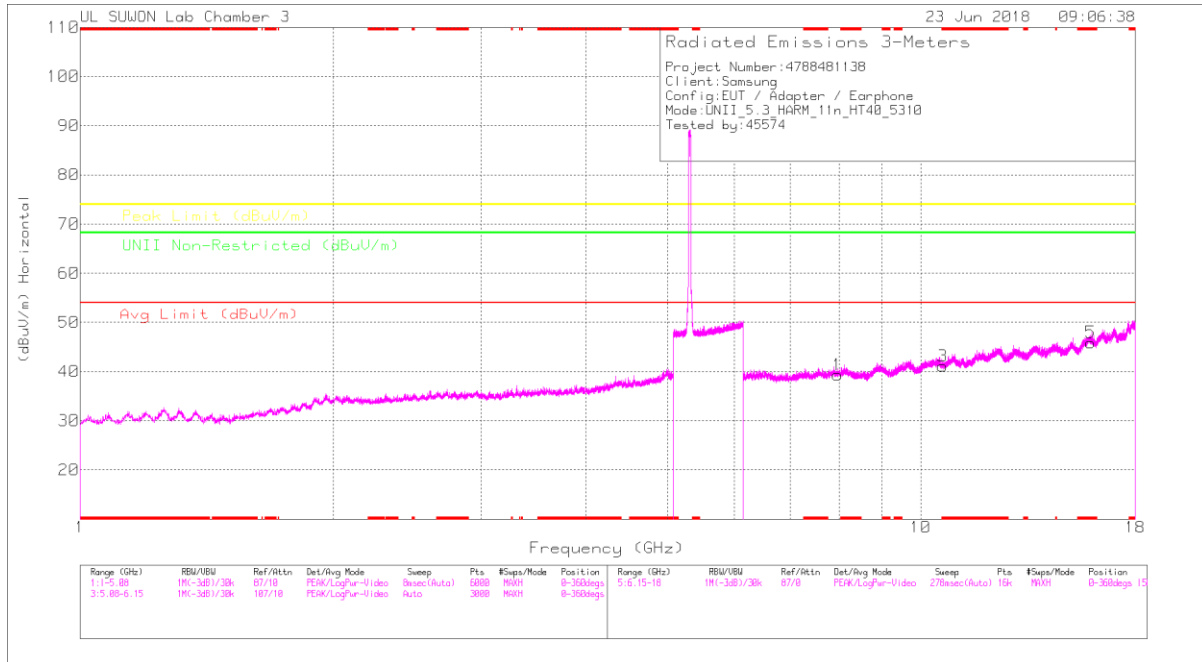
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117(0020995)	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.905	26.18	PK	35.7	-22.5	0	39.38	-	-	-	-	68.2	-28.82	0-360	150	H
3	10.541	22.97	PK	37.7	-19.3	0	41.37	-	-	-	-	68.2	-26.83	0-360	150	H
5	* 15.811	23.67	PK	40.7	-18.8	0	45.57	-	-	74	-28.43	-	-	0-360	251	H
2	7.905	26.02	PK	35.7	-22.5	0	39.22	-	-	-	-	68.2	-28.98	0-360	250	V
4	10.541	23.34	PK	37.7	-19.3	0	41.74	-	-	-	-	68.2	-26.46	0-360	250	V
6	* 15.811	24.81	PK	40.7	-18.8	0	46.71	-	-	74	-27.29	-	-	0-360	250	V

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

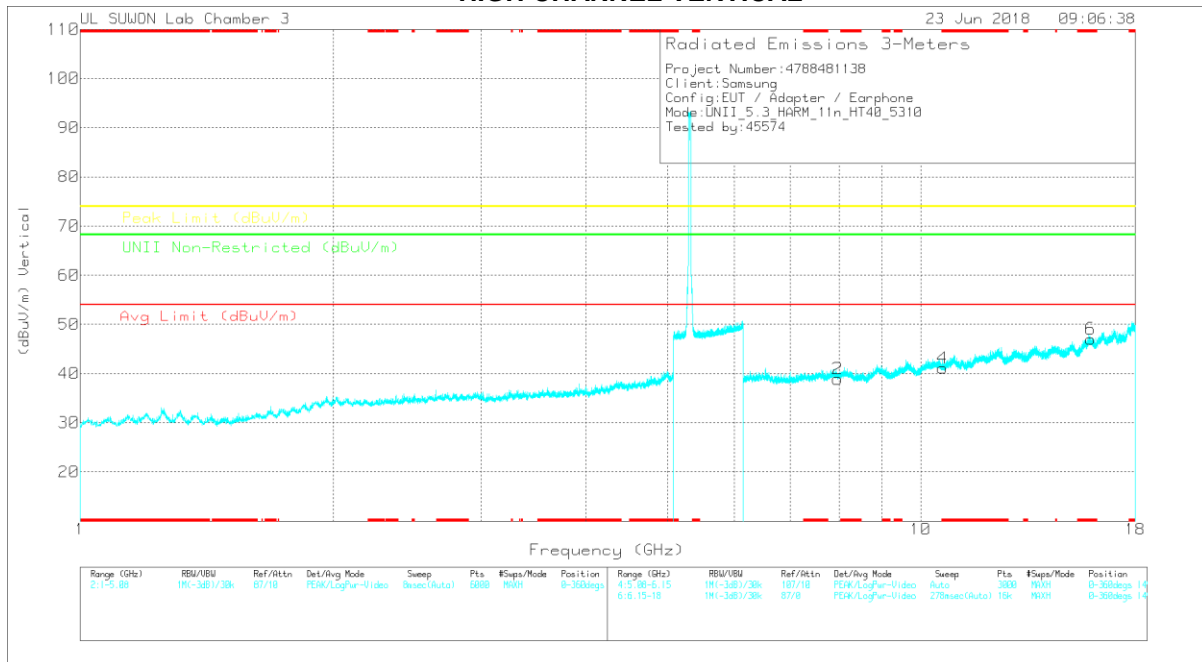
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).



### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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)	Major Reading (dBuV)	Det	3117(0020995)	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.965	26.31	PK	35.7	-22.7	0	39.31	-	-	-	-	68.2	-28.89	0-360	150	H
3	* 10.621	22.71	PK	37.7	-19.3	0	41.11	-	-	74	-32.89	-	-	0-360	150	H
5	* 15.931	23.29	PK	41	-18.4	0	45.89	-	-	74	-28.11	-	-	0-360	150	H
2	7.965	25.9	PK	35.7	-22.7	0	38.9	-	-	-	-	68.2	-29.3	0-360	250	V
4	* 10.621	22.71	PK	37.7	-19.3	0	41.11	-	-	74	-32.89	-	-	0-360	250	V
6	* 15.931	24.42	PK	41	-18.4	0	47.02	-	-	74	-26.98	-	-	0-360	149	V

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

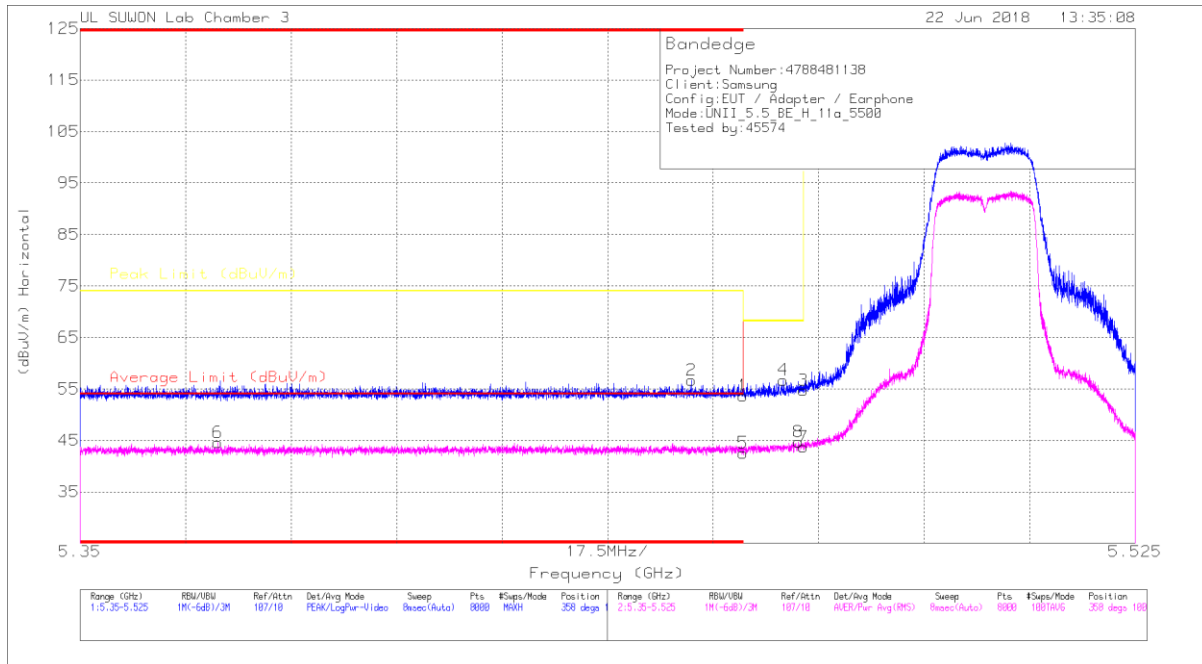
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

### 11.3. 5.5-5.6 GHz

#### 11.3.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.5 GHz BAND

#### RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

#### Trace Markers

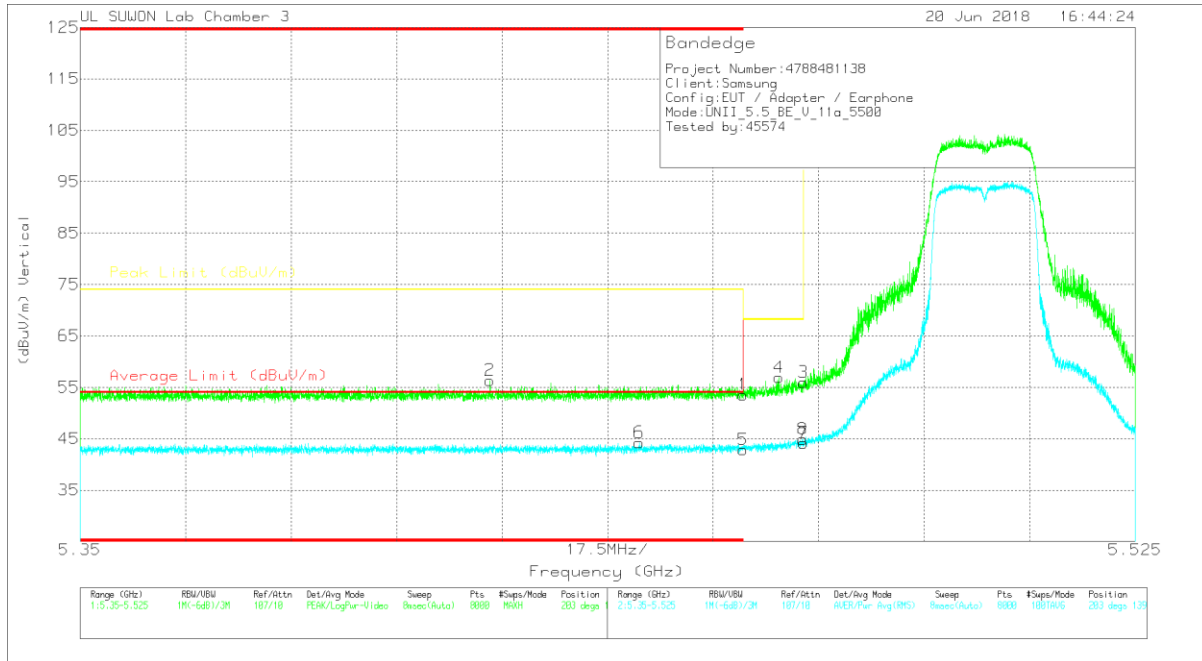
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.77	Pk	34.3	-18.4	0	53.67	-	-	74	-20.33	358	100	H
2	* 5.451	40.77	Pk	34.3	-18.4	0	56.67	-	-	74	-17.33	358	100	H
3	5.47	38.83	Pk	34.3	-18.4	0	54.73	-	-	68.2	-13.47	358	100	H
4	5.467	40.82	Pk	34.3	-18.4	0	56.72	-	-	68.2	-11.48	358	100	H
5	* 5.46	27.03	RMS	34.3	-18.8	0	42.53	54	-11.47	-	-	358	100	H
6	* 5.373	29.15	RMS	34.4	-19	0	44.55	54	-9.45	-	-	358	100	H
7	5.47	28.24	RMS	34.3	-18.8	0	43.74	-	-	-	-	358	100	H
8	5.469	29.2	RMS	34.3	-18.8	0	44.7	-	-	-	-	358	100	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	3117(00205959)	10dB_ATT[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	* 5.46	37.66	Pk	34.3	-18.4	0	53.56	-	-	74	-20.44	203	139	V
2	* 5.418	40.46	Pk	34.3	-18.4	0	56.36	-	-	74	-17.64	203	139	V
3	5.47	40.07	Pk	34.3	-18.4	0	55.97	-	-	68.2	-12.23	203	139	V
4	5.466	40.99	Pk	34.3	-18.4	0	56.89	-	-	68.2	-11.31	203	139	V
5	* 5.46	27.34	RMS	34.3	-18.8	0	42.84	54	-11.16	-	-	203	139	V
6	* 5.443	28.85	RMS	34.3	-18.9	0	44.25	54	-9.75	-	-	203	139	V
7	5.47	28.68	RMS	34.3	-18.8	0	44.18	-	-	-	-	203	139	V
8	5.47	29.41	RMS	34.3	-18.8	0	44.91	-	-	-	-	203	139	V

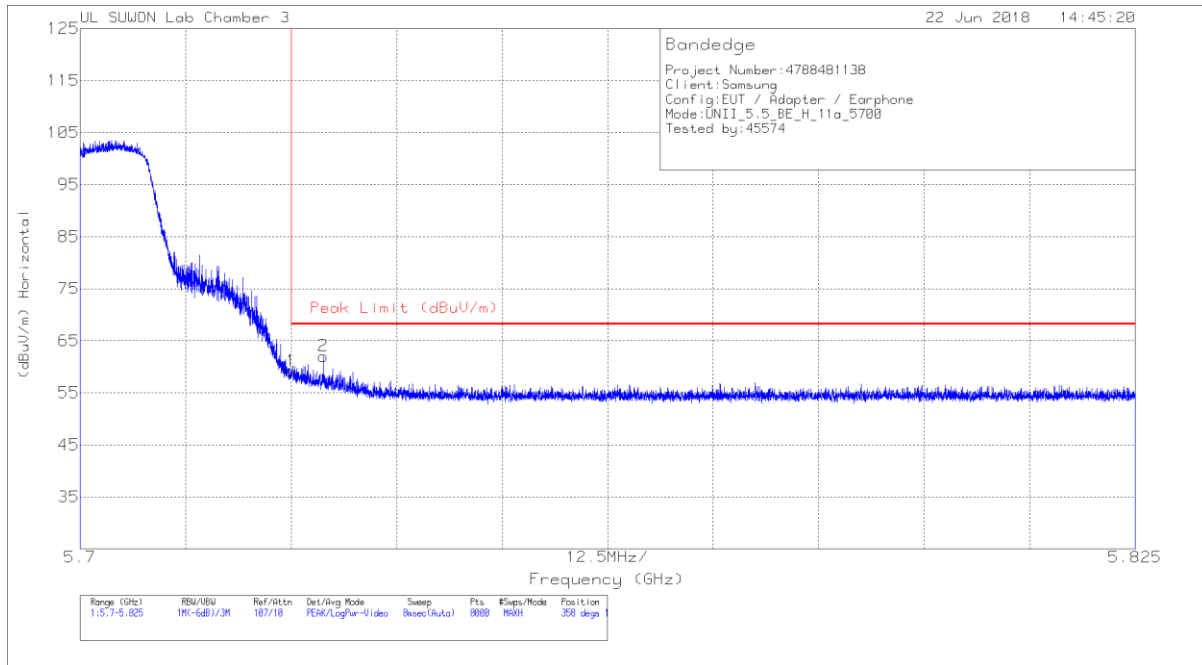
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## AUTHORIZED BANDEDGE (HIGH CHANNEL)

### HORIZONTAL PEAK AND AVERAGE PLOT



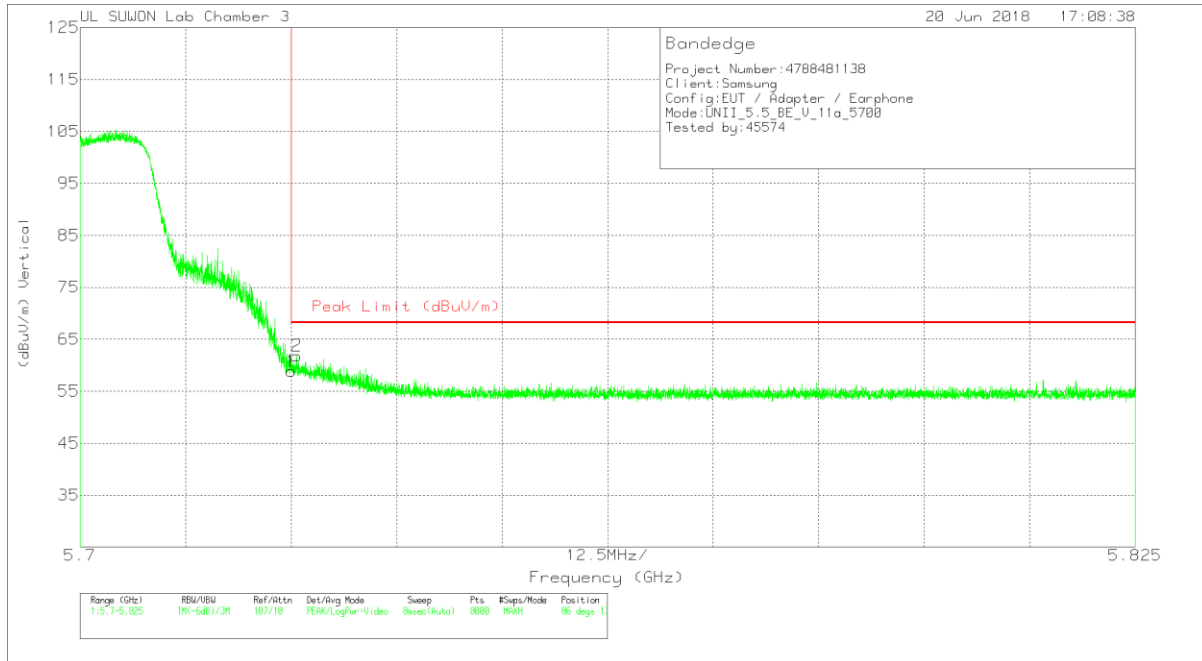
### HORIZONTAL DATA

#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.43	Pk	34.7	-17.9	0	59.23	68.2	-8.97	358	112	H
2	5.729	45.27	Pk	34.7	-17.9	0	62.07	68.2	-6.13	358	112	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

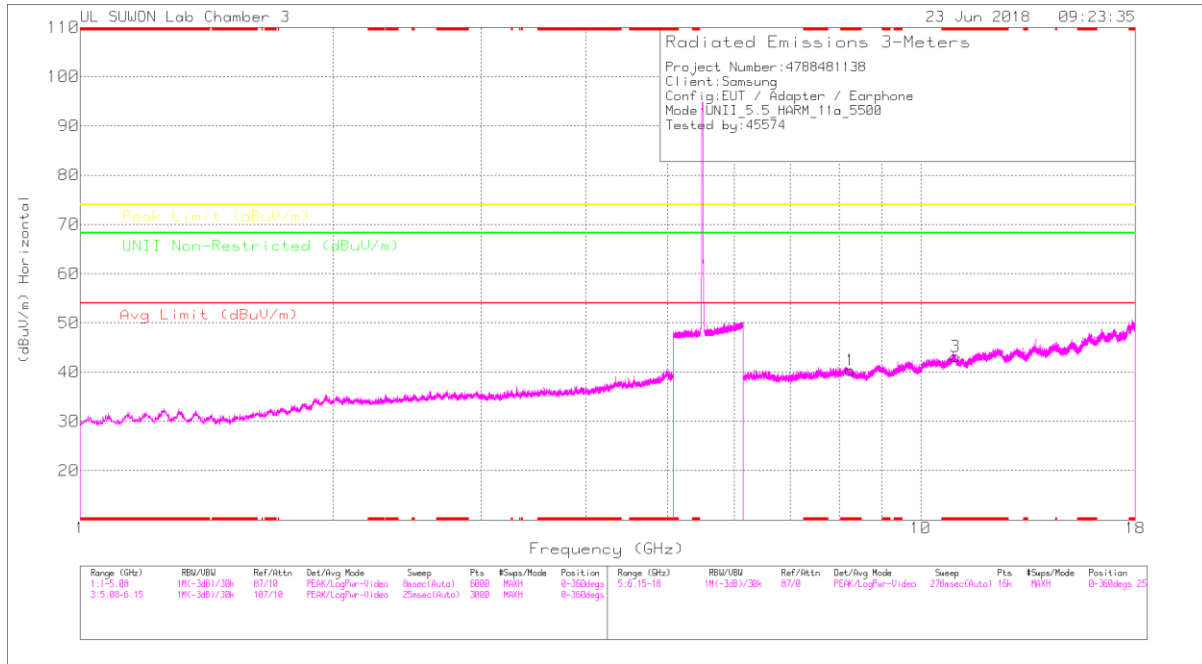
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.05	Pk	34.7	-17.9	58.85	68.2	-9.35	86	131	V
2	5.726	45	Pk	34.7	-17.9	61.8	68.2	-6.4	86	131	V

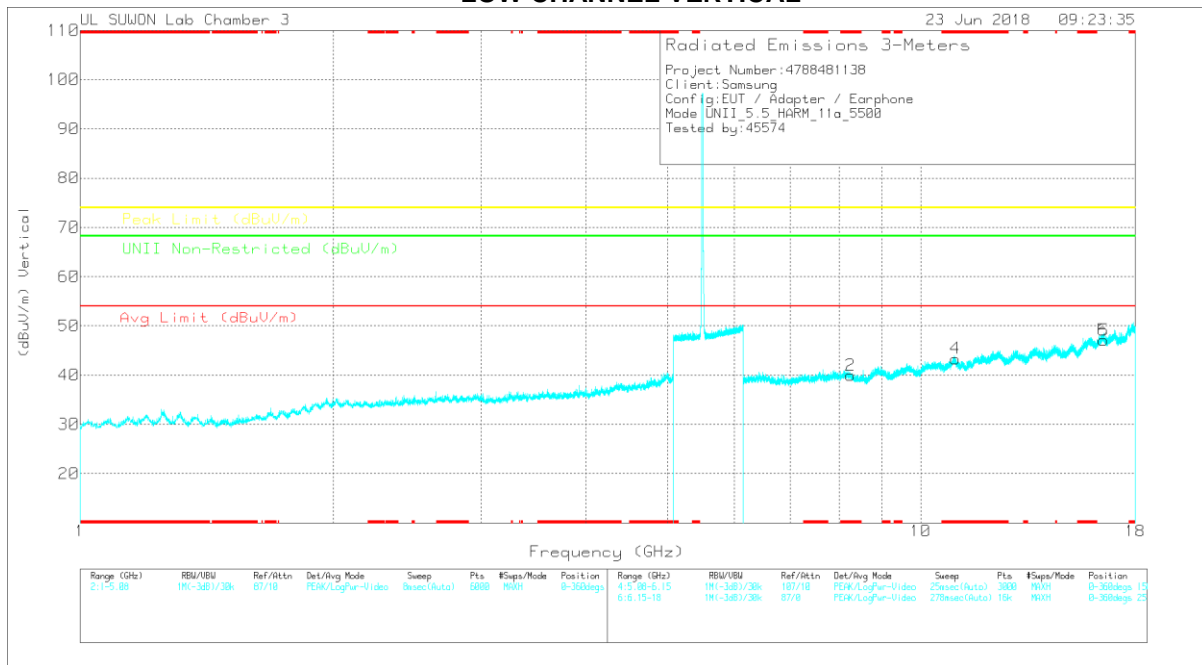
Pk - Peak detector

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL HORIZONTAL



### LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

Trace Markers

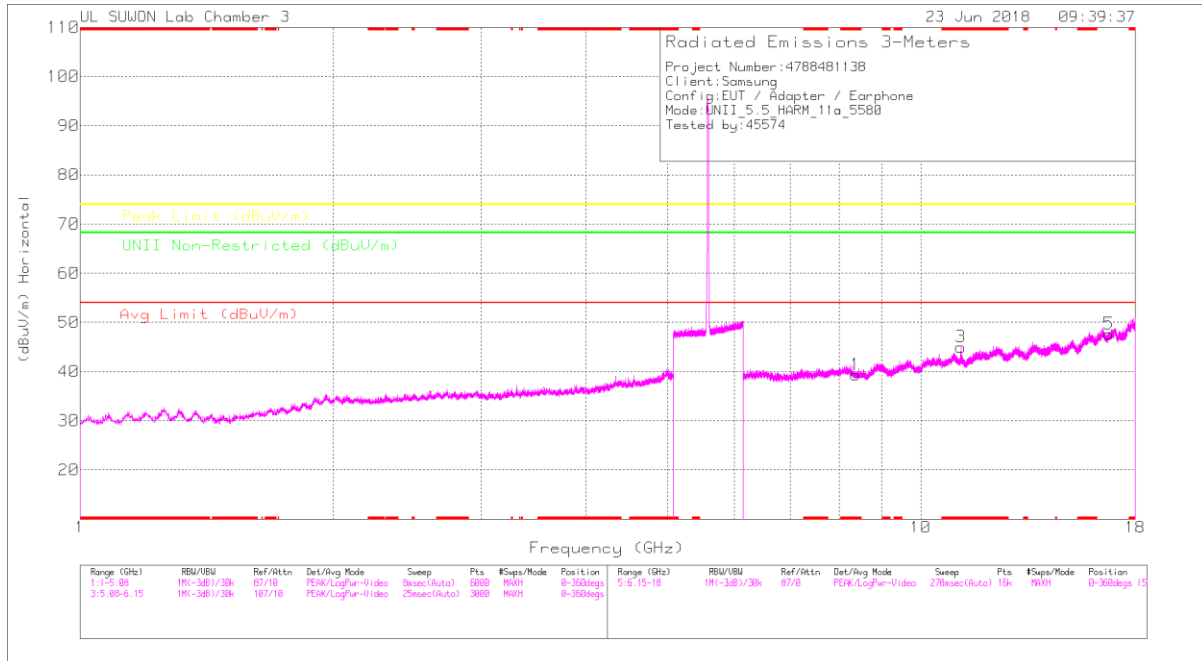
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117(0020995)	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.251	26.42	PK	35.8	-21.9	0	40.32	-	-	74	-33.68	-	-	0-360	150	H
3	* 11.001	24.82	PK	37.8	-19.5	0	43.12	-	-	74	-30.88	-	-	0-360	150	H
2	* 8.25	26.04	PK	35.8	-21.9	0	39.94	-	-	74	-34.06	-	-	0-360	251	V
4	* 11.001	25.05	PK	37.8	-19.5	0	43.35	-	-	74	-30.65	-	-	0-360	251	V
5	16.5	23.08	PK	41.4	-17.4	0	47.08	-	-	-	-	68.2	-21.12	0-360	251	V
6	16.5	23.08	PK	41.4	-17.4	0	47.08	-	-	-	-	68.2	-21.12	0-360	251	V

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

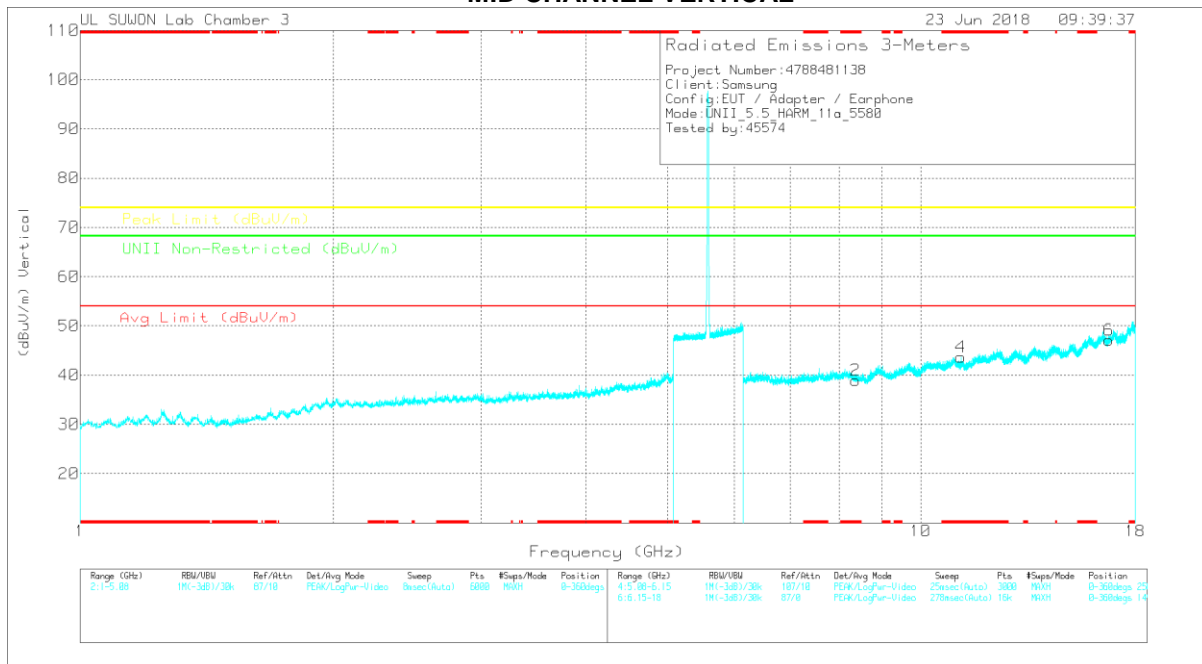
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).



**MID CHANNEL HORIZONTAL**



**MID CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

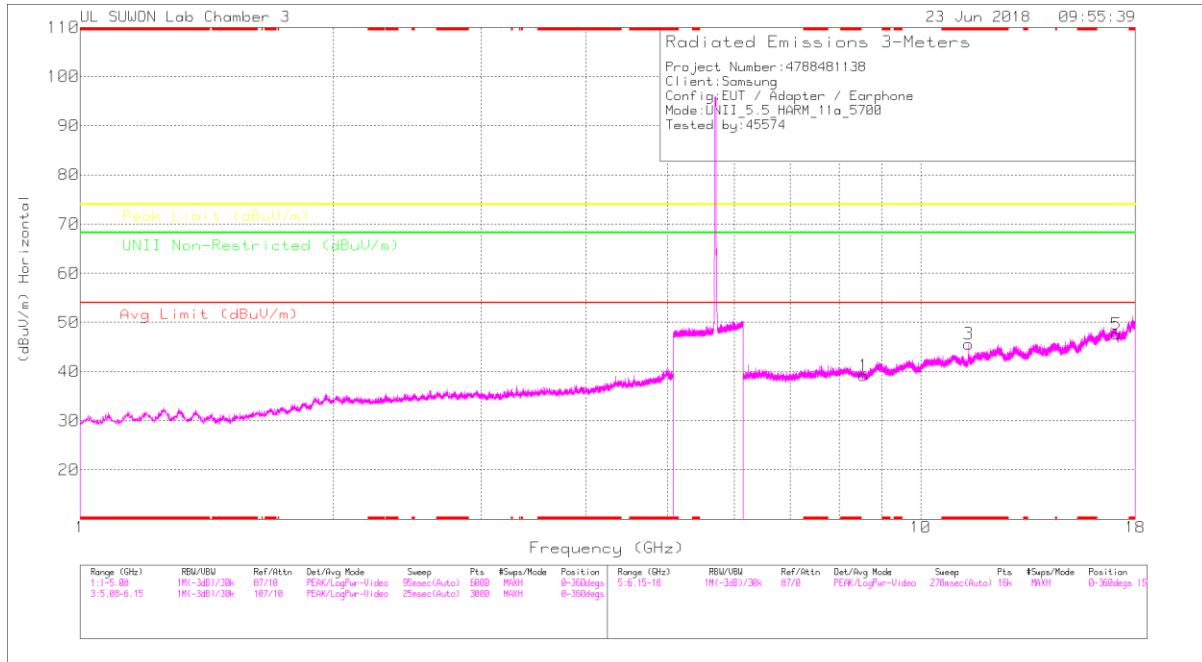
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	317(0020995)	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.371	25.45	PK	35.8	-21.9	0	39.35	-	-	74	-34.65	-	-	0-360	150	H
3	* 11.162	26.91	PK	37.9	-19.8	0	45.01	-	-	74	-28.99	-	-	0-360	250	H
5	16.74	23.17	PK	41.5	-17	0	47.67	-	-	-	-	68.2	-20.53	0-360	150	H
2	* 8.371	25.05	PK	35.8	-21.9	0	38.95	-	-	74	-35.05	-	-	0-360	250	V
4	* 11.163	25.55	PK	37.9	-19.8	0	43.65	-	-	74	-30.35	-	-	0-360	250	V
6	16.74	22.59	PK	41.5	-17	0	47.09	-	-	-	-	68.2	-21.11	0-360	250	V

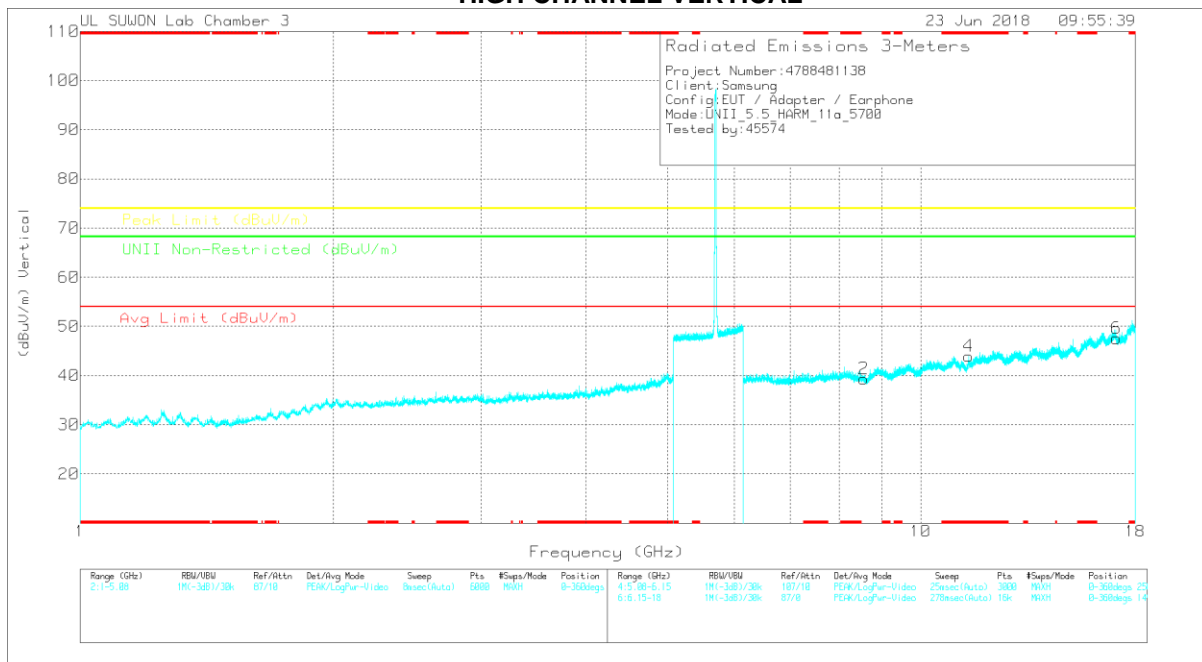
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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 40GHz; 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(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.551	24.59	PK	35.8	-21.2	0	39.19	-	-	-	-	68.2	-29.01	0-360	150	H
3	* 11.4	27.22	PK	38	-19.6	0	45.62	-	-	74	-28.38	-	-	0-360	250	H
5	17.1	22.51	PK	41	-15.9	0	47.61	-	-	-	-	68.2	-20.59	0-360	150	H
2	8.551	24.75	PK	35.8	-21.2	0	39.35	-	-	-	-	68.2	-28.85	0-360	149	V
4	* 11.399	25.56	PK	38	-19.6	0	43.96	-	-	74	-30.04	-	-	0-360	250	V
6	17.1	22.48	PK	41	-15.9	0	47.58	-	-	-	-	68.2	-20.62	0-360	250	V

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

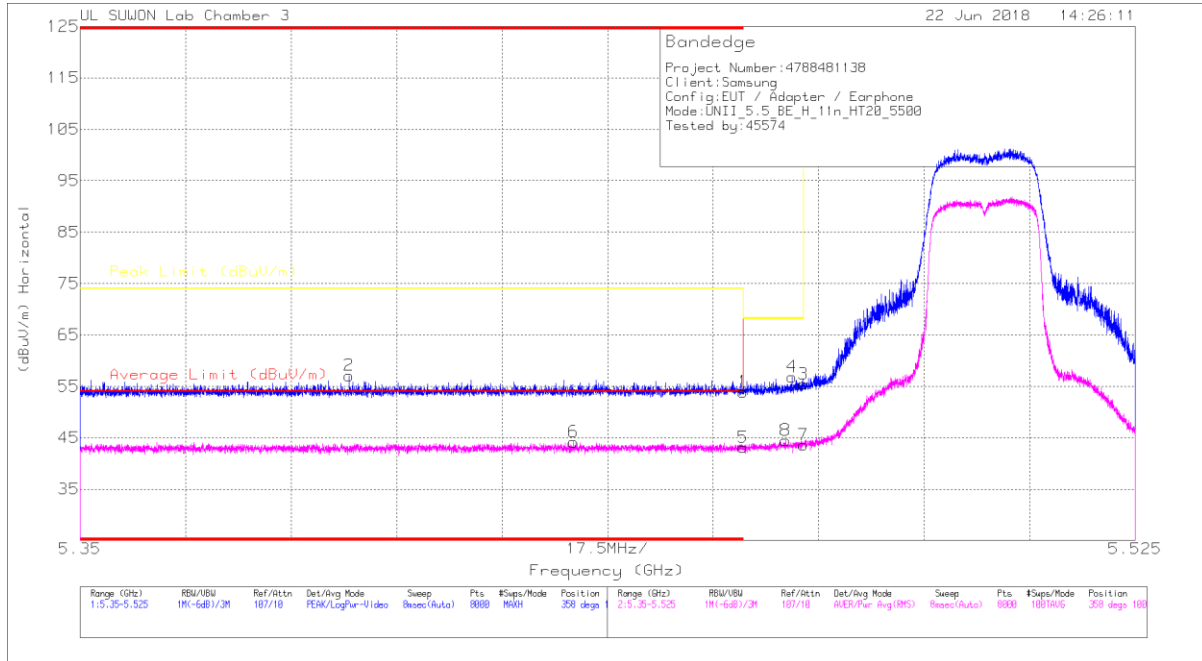
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.401	36.88	PK-U	38	-19.6	0	55.28	-	-	74	-18.72	-	-	127	243	H
* 11.4	24.34	ADR	38	-19.6	0	42.74	54	-11.26	-	-	-	-	127	243	H

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 11.3.2.TX ABOVE 1GHz 802.11n HT20 MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE PLOT



#### HORIZONTAL DATA

##### Trace Markers

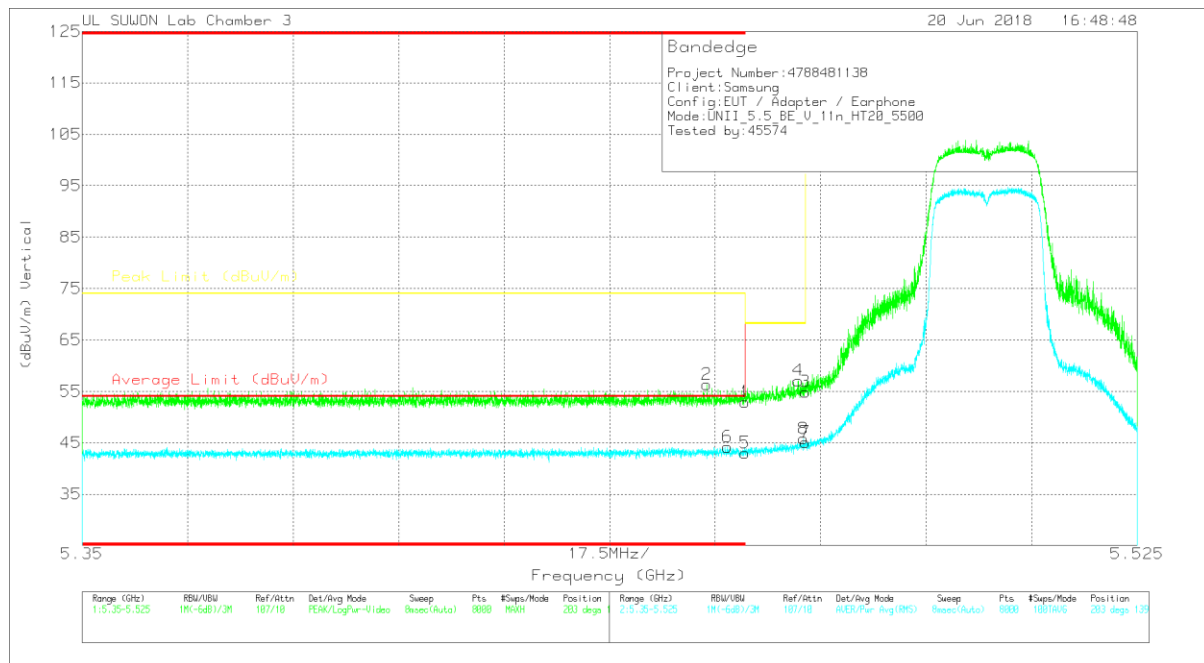
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.02	Pk	34.3	-18.4	0	53.92	-	-	74	-20.08	358	100	H
2	* 5.395	41.31	Pk	34.3	-18.5	0	57.11	-	-	74	-16.89	358	100	H
3	5.47	39.54	Pk	34.3	-18.4	0	55.44	-	-	68.2	-12.76	358	100	H
4	5.468	40.95	Pk	34.3	-18.4	0	56.85	-	-	68.2	-11.35	358	100	H
5	* 5.46	27.63	RMS	34.3	-18.8	0	43.13	54	-10.87	-	-	358	100	H
6	* 5.432	28.78	RMS	34.3	-18.9	0	44.18	54	-9.82	-	-	358	100	H
7	5.47	28.12	RMS	34.3	-18.8	0	43.62	-	-	-	-	358	100	H
8	5.467	28.98	RMS	34.3	-18.8	0	44.48	-	-	-	-	358	100	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	3117(00205959)	10dB_ATT[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	* 5.46	37.01	Pk	34.3	-18.4	0	52.91	-	-	74	-21.09	203	139	V
2	* 5.454	40.43	Pk	34.3	-18.4	0	56.33	-	-	74	-17.67	203	139	V
3	5.47	39.01	Pk	34.3	-18.4	0	54.91	-	-	68.2	-13.29	203	139	V
4	5.469	41.21	Pk	34.3	-18.4	0	57.11	-	-	68.2	-11.09	203	139	V
5	* 5.46	27.53	RMS	34.3	-18.8	0	43.03	54	-10.97	-	-	203	139	V
6	* 5.457	28.68	RMS	34.3	-18.8	0	44.18	54	-9.82	-	-	203	139	V
7	5.47	29.6	RMS	34.3	-18.8	0	45.1	-	-	-	-	203	139	V
8	5.47	30.28	RMS	34.3	-18.8	0	45.78	-	-	-	-	203	139	V

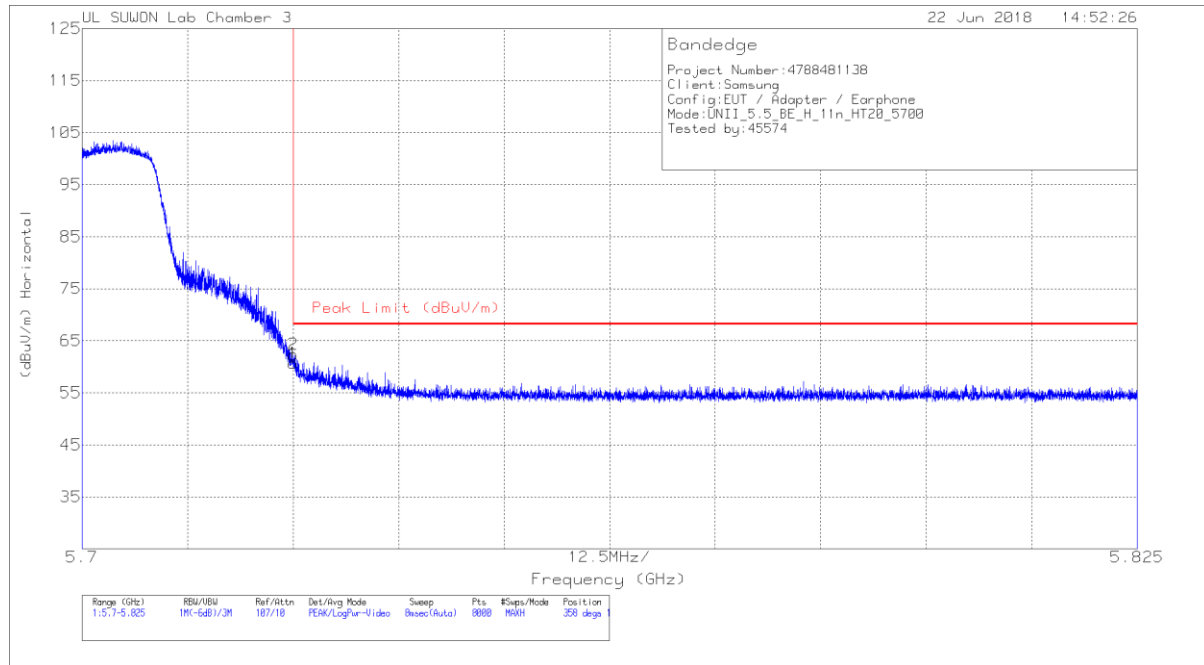
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

## AUTHORIZED BANDEGE (HIGH CHANNEL)

### HORIZONTAL PEAK AND AVERAGE PLOT



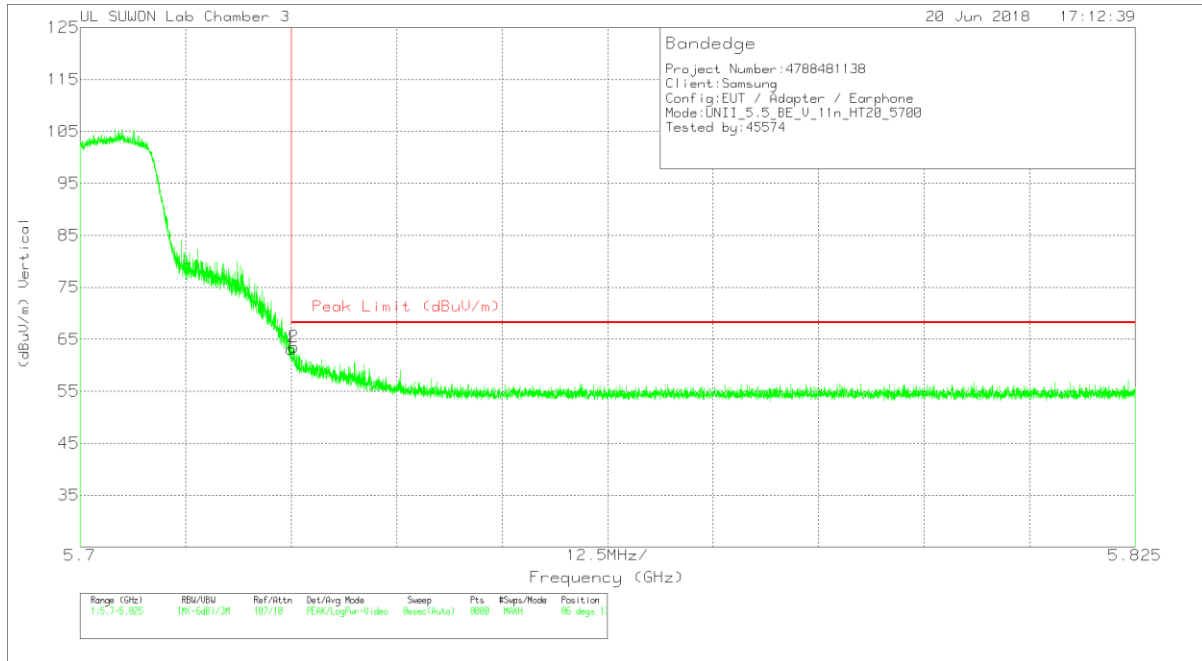
### HORIZONTAL DATA

#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.88	Pk	34.7	-17.9	0	60.68	68.2	-7.52	358	112	H
2	5.725	45.52	Pk	34.7	-17.9	0	62.32	68.2	-5.88	358	112	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

Trace Markers

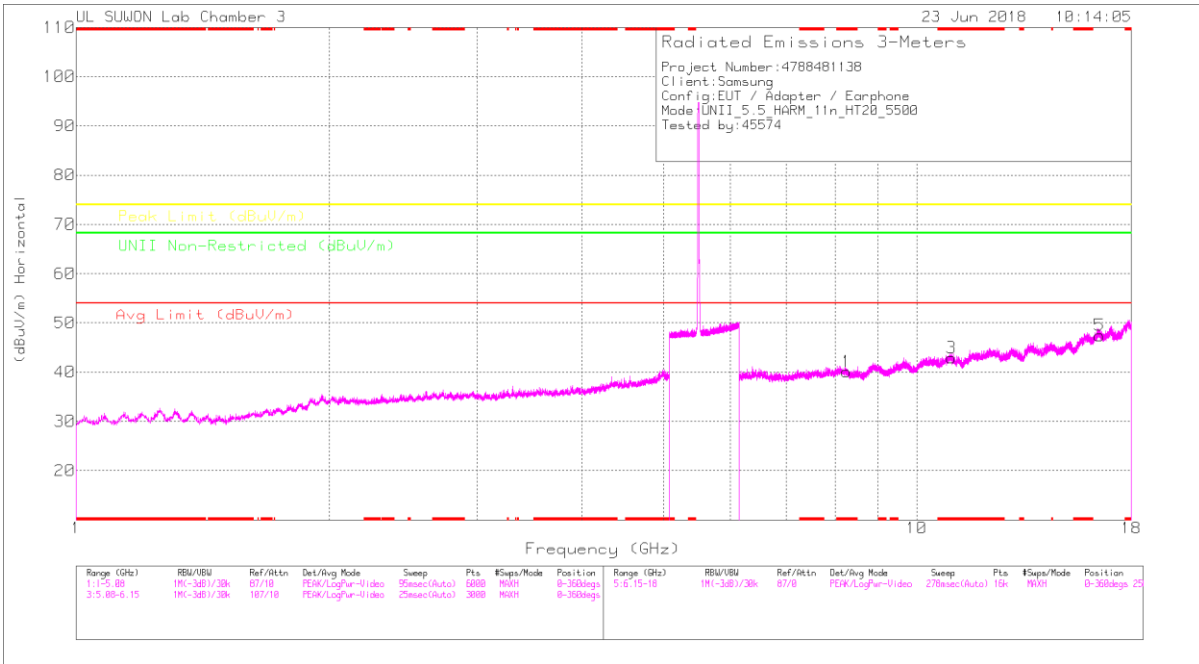
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	46.32	Pk	34.7	-17.9	63.12	68.2	-5.08	86	131	V
2	5.725	46.74	Pk	34.7	-17.9	63.54	68.2	-4.66	86	131	V

Pk - Peak detector

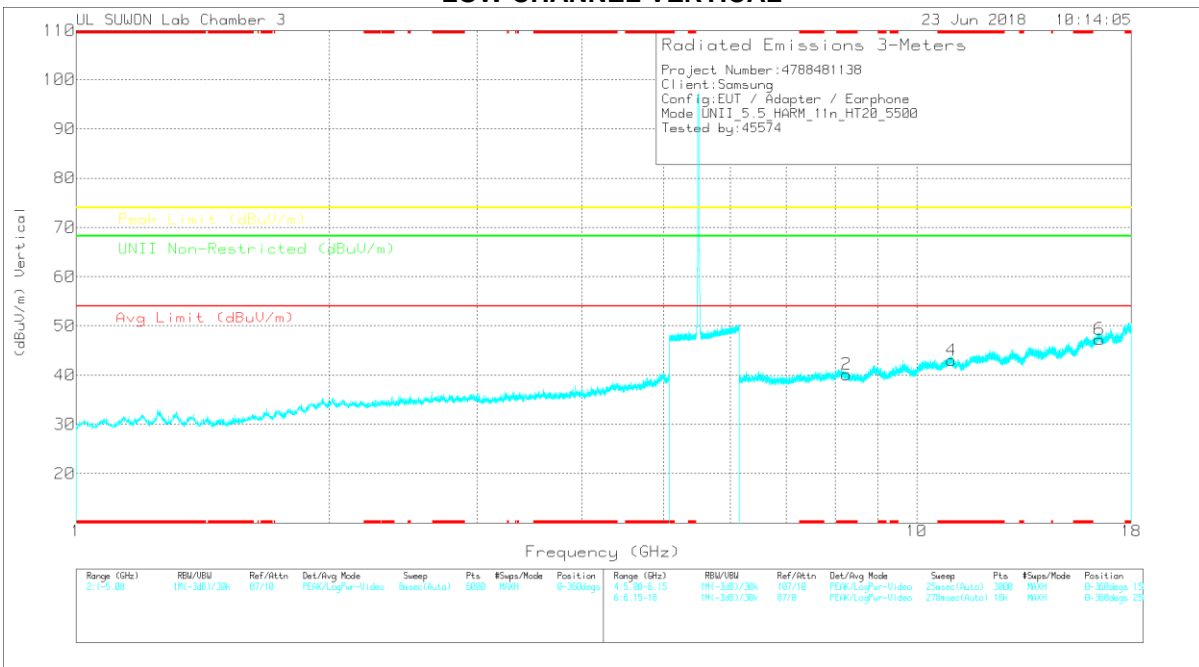


## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL HORIZONTAL



### LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

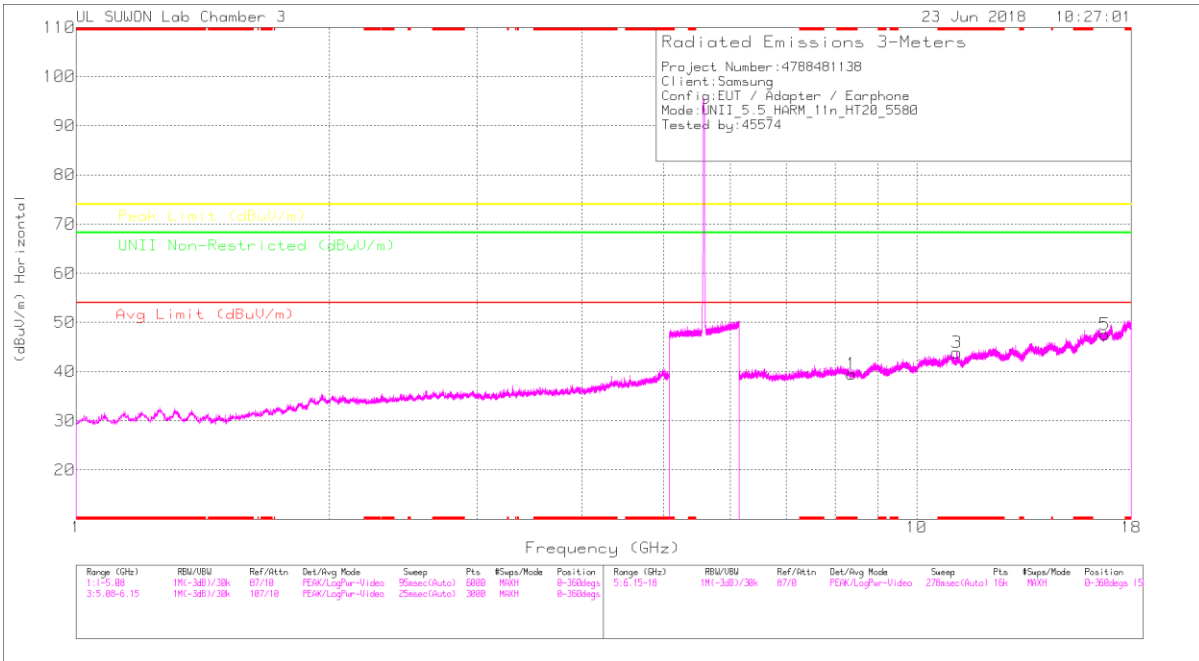
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020955)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.251	26.16	PK	35.8	-21.9	0	40.06	-	-	74	-33.94	-	-	0-360	250	H
3	* 11.001	24.57	PK	37.8	-19.5	0	42.87	-	-	74	-31.13	-	-	0-360	250	H
5	16.501	23.44	PK	41.4	-17.4	0	47.44	-	-	-	-	68.2	-20.76	0-360	149	H
2	* 8.251	26.26	PK	35.8	-21.9	0	40.16	-	-	74	-33.84	-	-	0-360	250	V
4	* 11.001	24.72	PK	37.8	-19.5	0	43.02	-	-	74	-30.98	-	-	0-360	250	V
6	16.501	23.27	PK	41.4	-17.4	0	47.27	-	-	-	-	68.2	-20.93	0-360	250	V

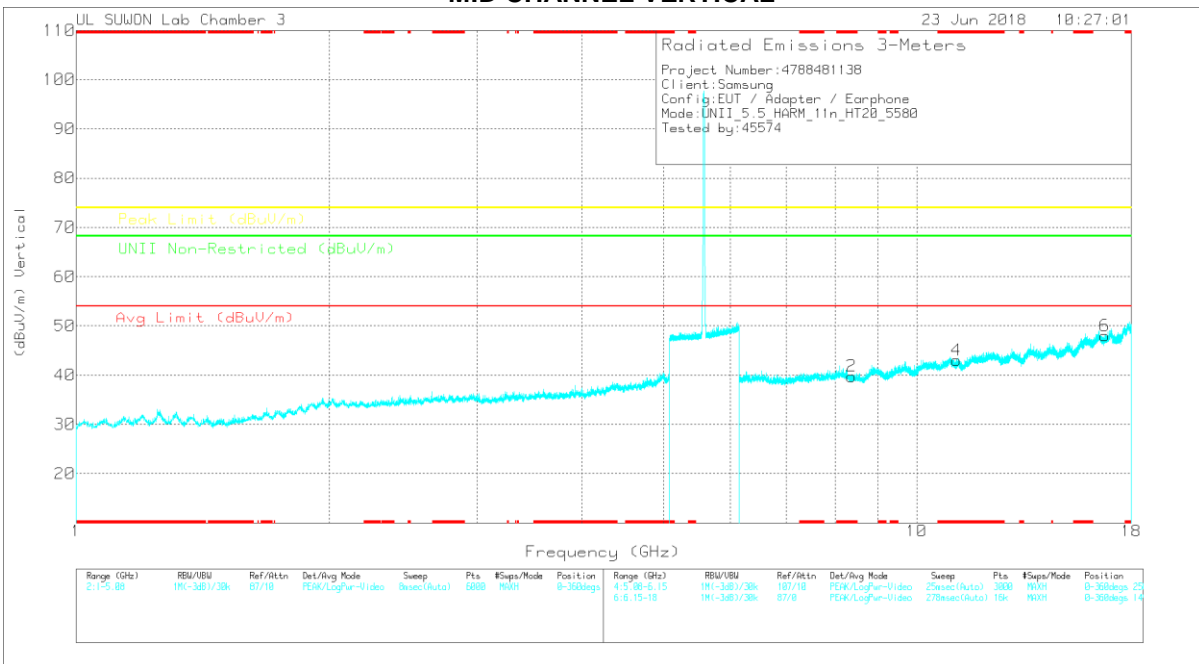
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

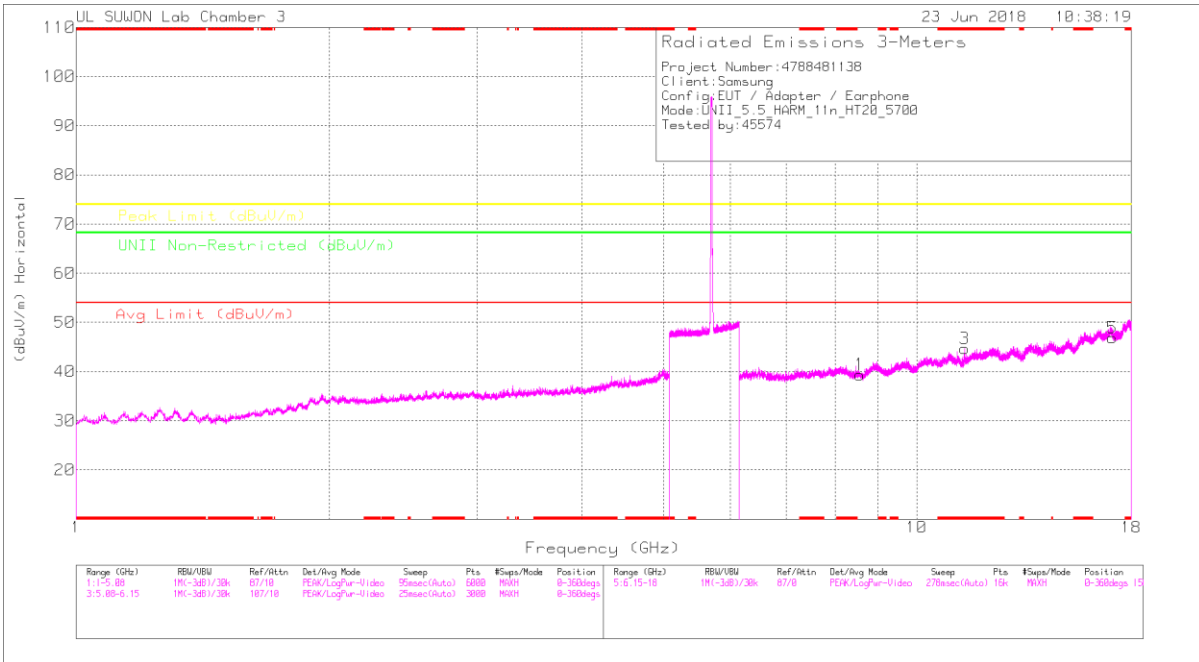
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117(0020995)	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.371	25.59	PK	35.8	-21.9	0	39.49	-	-	74	-34.51	-	-	0-360	150	H
3	* 11.161	25.67	PK	37.9	-19.7	0	43.87	-	-	74	-30.13	-	-	0-360	251	H
5	16.739	22.94	PK	41.5	-16.9	0	47.54	-	-	-	-	68.2	-20.66	0-360	251	H
2	* 8.371	25.86	PK	35.8	-21.9	0	39.76	-	-	74	-34.24	-	-	0-360	149	V
4	* 11.16	24.9	PK	37.9	-19.8	0	43	-	-	74	-31	-	-	0-360	250	V
6	16.739	23.39	PK	41.5	-16.9	0	47.99	-	-	-	-	68.2	-20.21	0-360	149	V

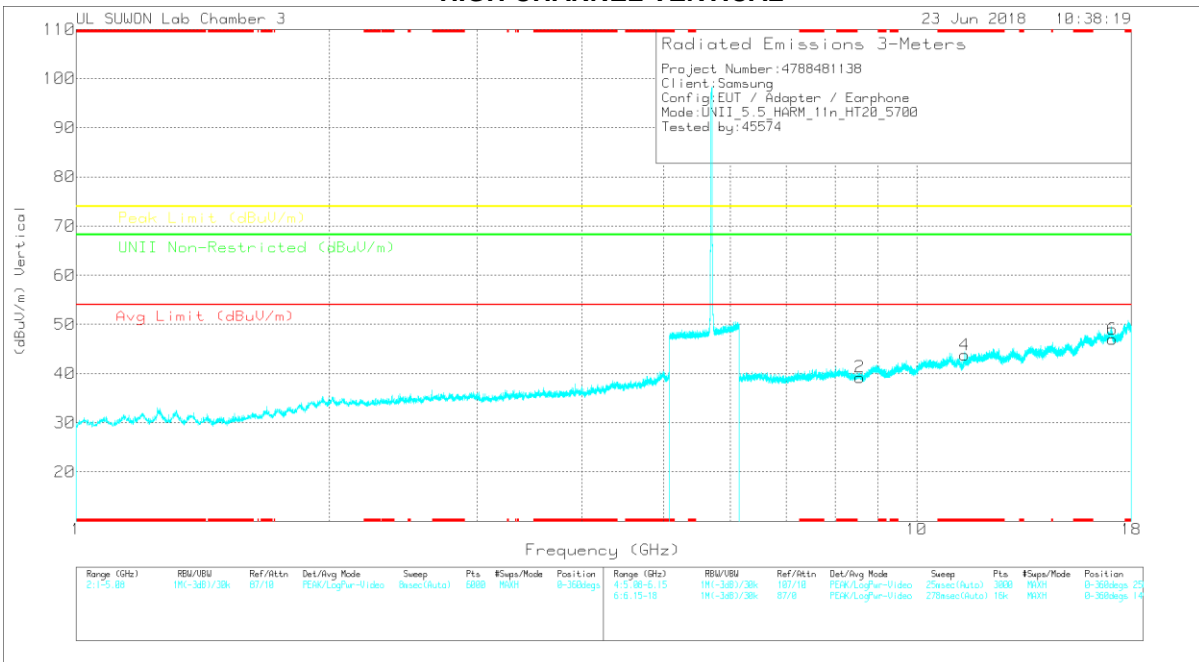
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**HIGH CHANNEL DATA**

Trace Markers

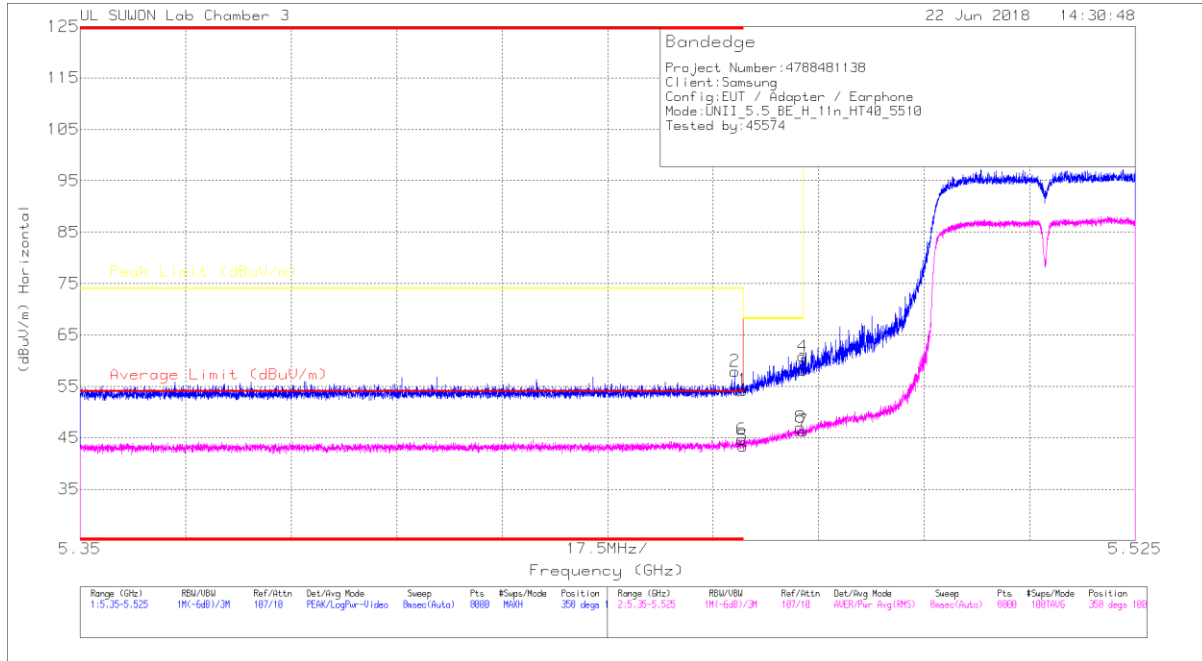
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117(0020995)	60Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.551	24.76	PK	35.8	-21.2	0	39.36	-	-	-	-	68.2	-28.84	0-360	150	H
3	* 11.4	26.29	PK	38	-19.6	0	44.69	-	-	74	-29.31	-	-	0-360	250	H
5	17.1	21.75	PK	41	-15.9	0	46.85	-	-	-	-	68.2	-21.35	0-360	250	H
2	8.551	24.65	PK	35.8	-21.2	0	39.25	-	-	-	-	68.2	-28.95	0-360	149	V
4	* 11.401	25.5	PK	38	-19.7	0	43.8	-	-	74	-30.2	-	-	0-360	250	V
6	17.1	21.89	PK	41	-15.9	0	46.99	-	-	-	-	68.2	-21.21	0-360	149	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).

### 11.3.3.TX ABOVE 1GHz 802.11n HT40 MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE PLOT



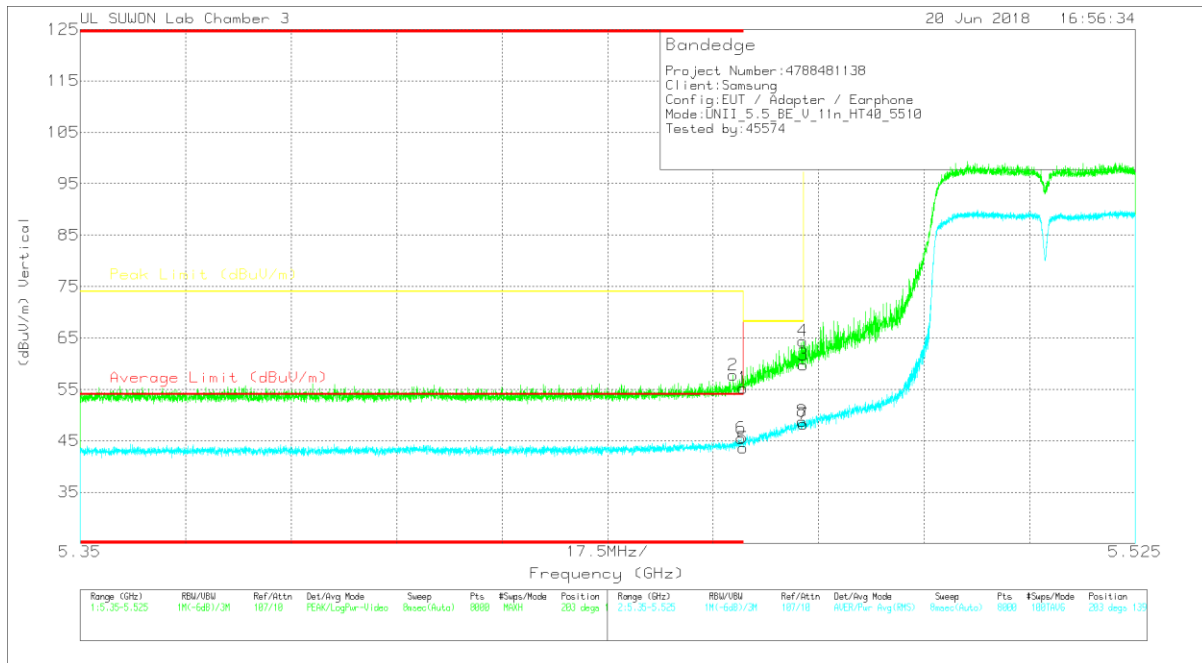
#### HORIZONTAL DATA

#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	10dB_ATT(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	* 5.46	38.36	Pk	34.3	-18.4	0	54.26	-	-	74	-19.74	358	100	H
2	* 5.459	41.95	Pk	34.3	-18.3	0	57.95	-	-	74	-16.05	358	100	H
3	5.47	42.3	Pk	34.3	-18.4	0	58.2	-	-	68.2	-10	358	100	H
4	5.47	44.92	Pk	34.3	-18.4	0	60.82	-	-	68.2	-7.38	358	100	H
5	* 5.46	27.69	RMS	34.3	-18.8	.17	43.36	54	-10.64	-	-	358	100	H
6	* 5.46	29.04	RMS	34.3	-18.8	.17	44.71	54	-9.29	-	-	358	100	H
7	5.47	30.69	RMS	34.3	-18.8	.17	46.36	-	-	-	-	358	100	H
8	5.469	31.31	RMS	34.3	-18.8	.17	46.98	-	-	-	-	358	100	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	3117(00205959)	10dB_ATT[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	* 5.46	39.36	Pk	34.3	-18.4	0	55.26	-	-	74	-18.74	203	139	V
2	* 5.458	41.79	Pk	34.3	-18.3	0	57.79	-	-	74	-16.21	203	139	V
3	5.47	43.88	Pk	34.3	-18.4	0	59.78	-	-	68.2	-8.42	203	139	V
4	5.47	48.51	Pk	34.3	-18.4	0	64.41	-	-	68.2	-3.79	203	139	V
5	* 5.46	27.95	RMS	34.3	-18.8	.17	43.62	54	-10.38	-	-	203	139	V
6	* 5.46	29.82	RMS	34.3	-18.8	.17	45.49	54	-8.51	-	-	203	139	V
7	5.47	32.58	RMS	34.3	-18.8	.17	48.25	-	-	-	-	203	139	V
8	5.47	33.1	RMS	34.3	-18.8	.17	48.77	-	-	-	-	203	139	V

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

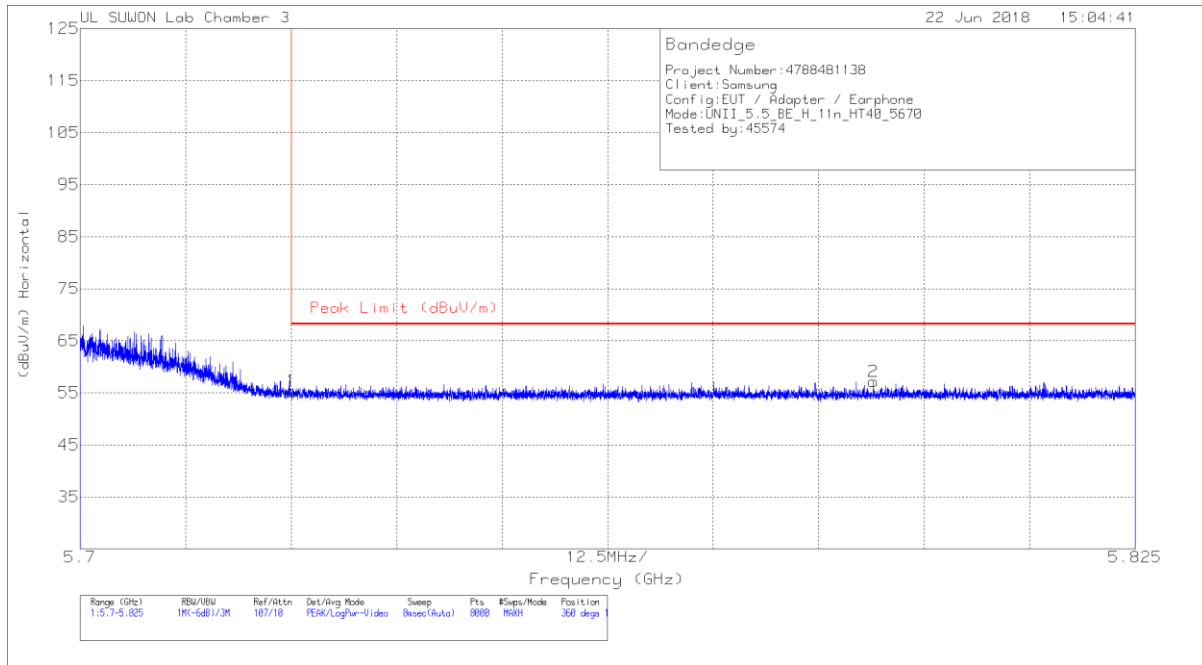
Pk - Peak detector

RMS - RMS detection



## AUTHORIZED BANDEGE (HIGH CHANNEL)

### HORIZONTAL PEAK AND AVERAGE PLOT



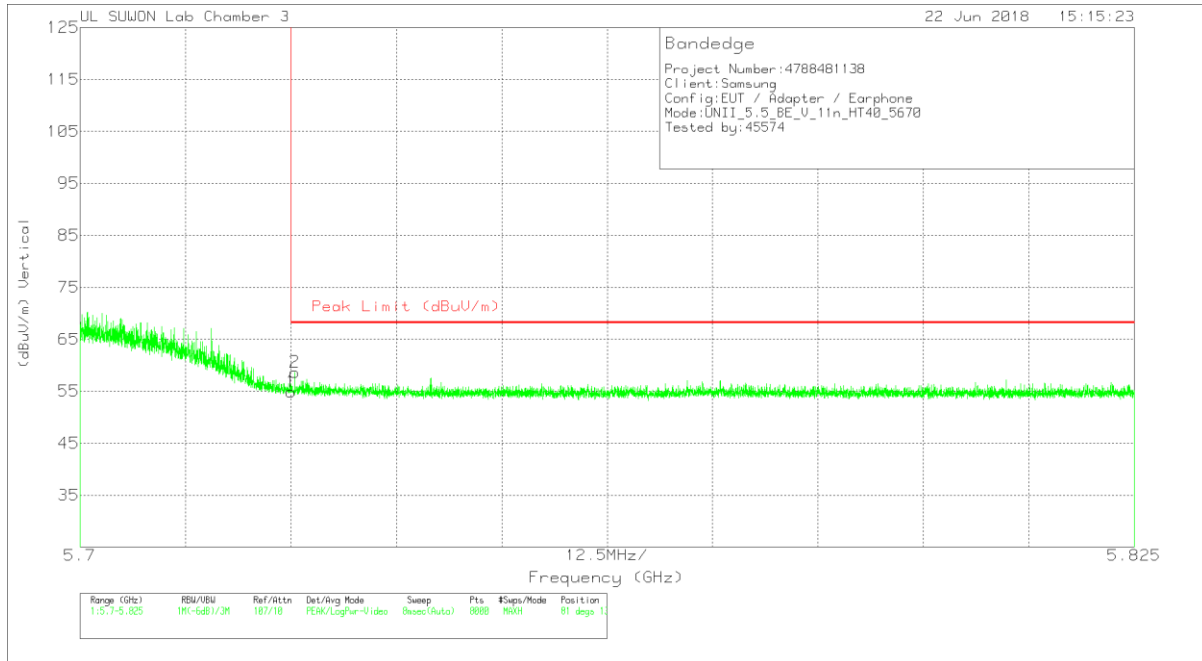
### HORIZONTAL DATA

#### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.55	Pk	34.7	-17.9	55.35	68.2	-12.85	360	100	H
2	5.794	40.06	Pk	34.8	-17.7	57.16	68.2	-11.04	360	100	H

Pk - Peak detector

**VERTICAL PEAK AND AVERAGE PLOT**



**VERTICAL DATA**

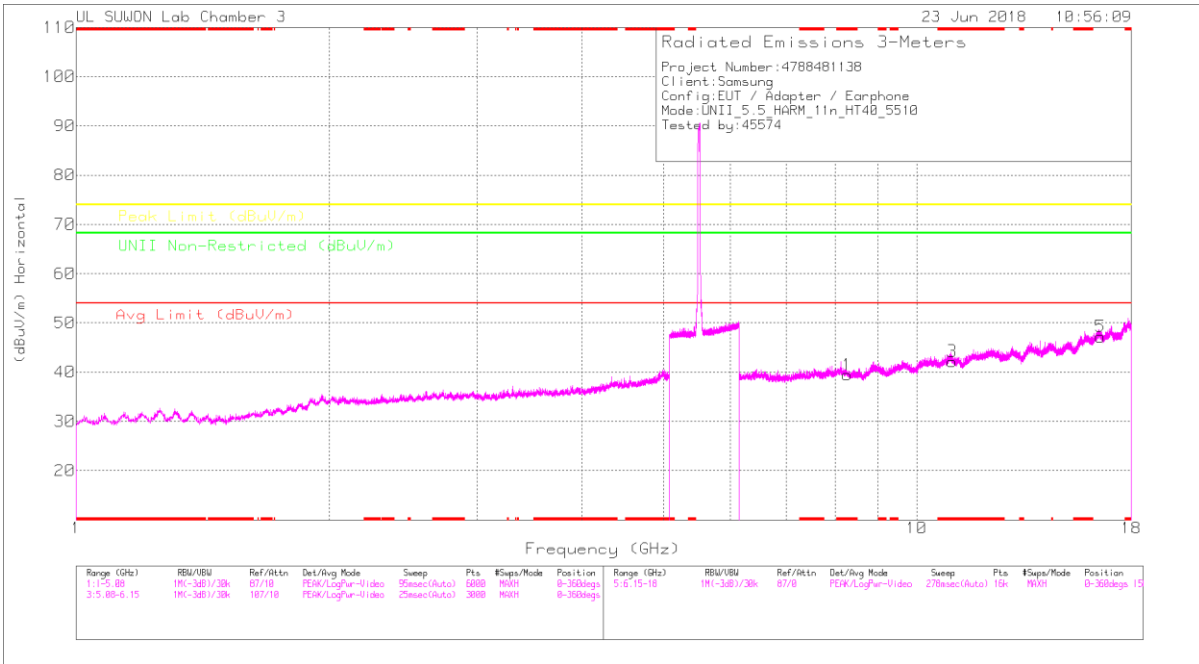
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.12	Pk	34.7	-17.9	0	54.92	68.2	-13.28	81	135	V
2	5.725	41.86	Pk	34.7	-17.9	0	58.66	68.2	-9.54	81	135	V

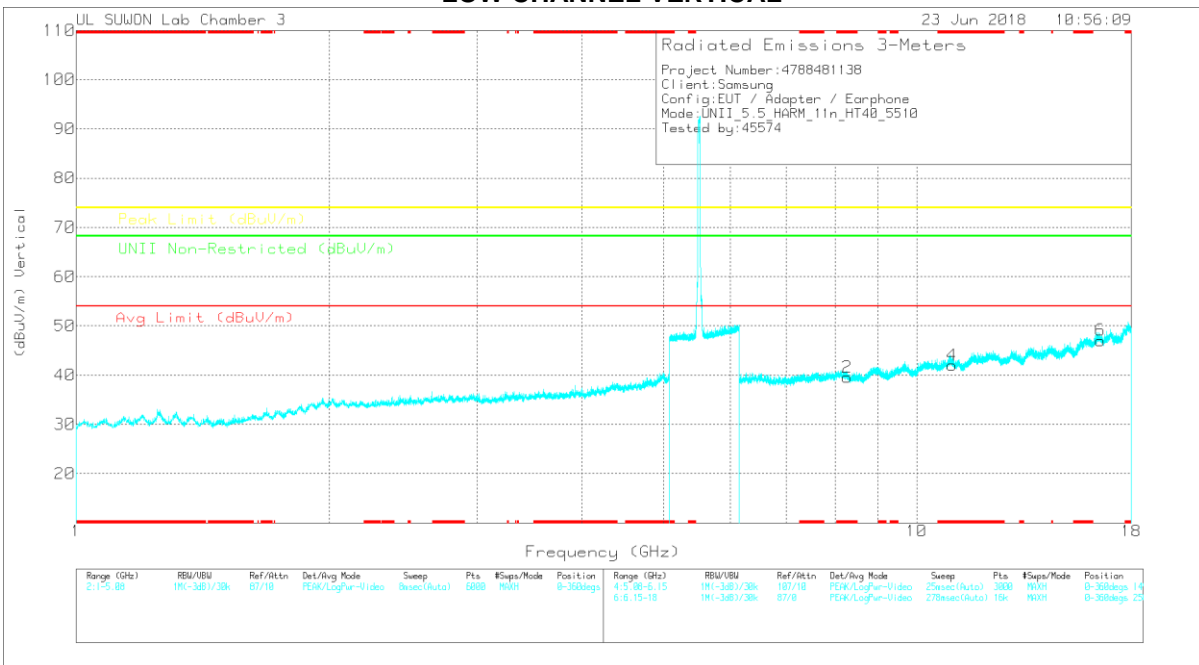
Pk - Peak detector

## HARMONICS AND SPURIOUS EMISSIONS

### LOW CHANNEL HORIZONTAL



### LOW CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**LOW CHANNEL DATA**

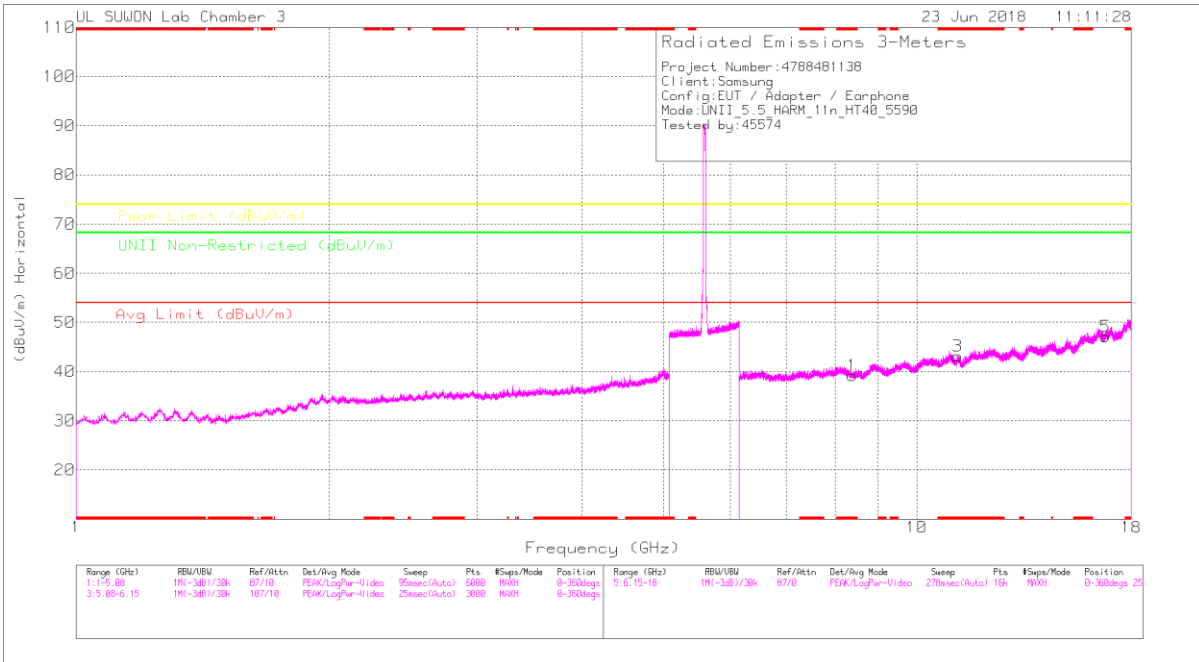
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117(0020999)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.266	25.65	PK	35.8	-22	0	39.45	-	-	74	-34.55	-	-	0-360	250	H
3	* 11.021	23.95	PK	37.8	-19.6	0	42.15	-	-	74	-31.85	-	-	0-360	250	H
5	16.531	23.09	PK	41.4	-17.3	0	47.19	-	-	-	-	68.2	-21.01	0-360	250	H
2	* 8.266	25.75	PK	35.8	-22	0	39.55	-	-	74	-34.45	-	-	0-360	149	V
4	* 11.021	23.78	PK	37.8	-19.6	0	41.98	-	-	74	-32.02	-	-	0-360	149	V
6	16.531	22.95	PK	41.4	-17.3	0	47.05	-	-	-	-	68.2	-21.15	0-360	149	V

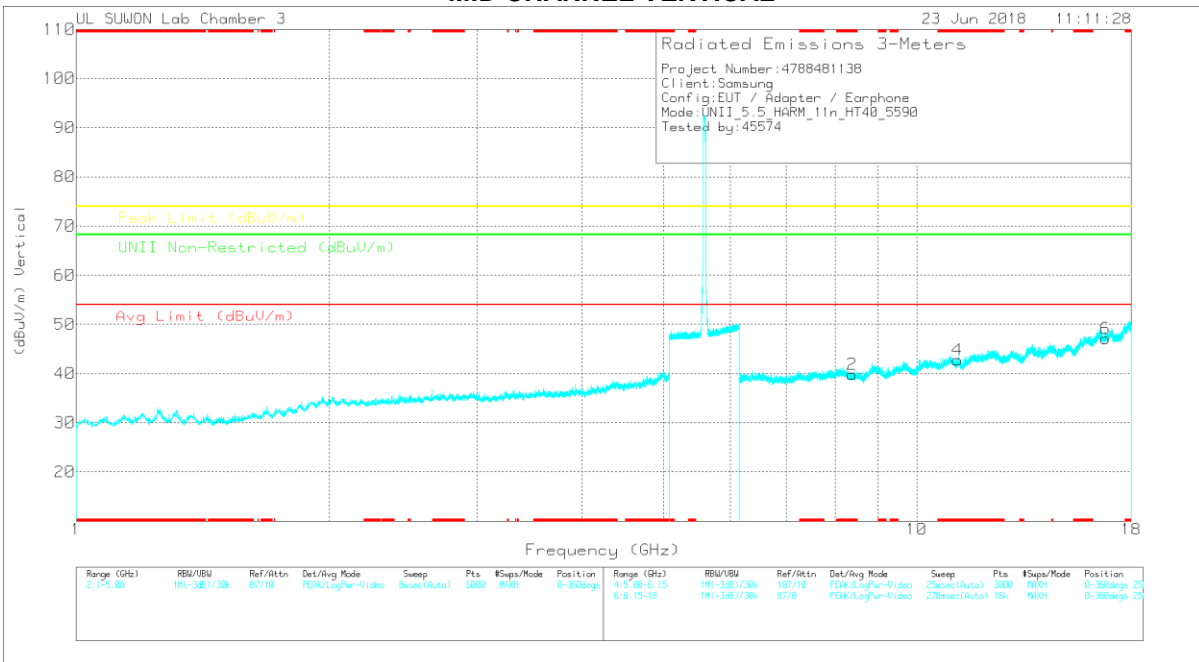
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.

**MID CHANNEL DATA**

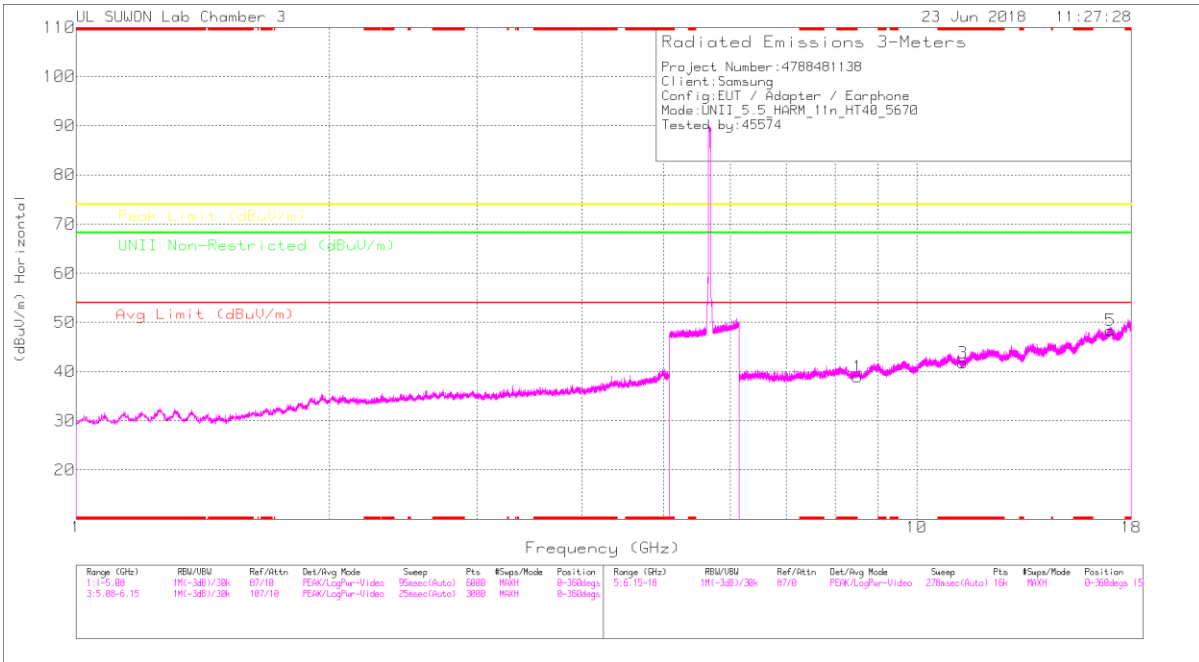
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	317(0020995)	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.385	25.2	PK	35.8	-21.8	0	39.2	-	-	74	-34.8	-	-	0-360	250	H
3	* 11.18	24.95	PK	37.9	-19.7	0	43.15	-	-	74	-30.85	-	-	0-360	250	H
5	16.77	22.29	PK	41.5	-16.7	0	47.09	-	-	-	-	68.2	-21.11	0-360	150	H
2	* 8.384	25.8	PK	35.8	-21.8	0	39.8	-	-	74	-34.2	-	-	0-360	150	V
4	* 11.181	24.44	PK	37.9	-19.6	0	42.74	-	-	74	-31.26	-	-	0-360	250	V
6	16.77	22.32	PK	41.5	-16.7	0	47.12	-	-	-	-	68.2	-21.08	0-360	250	V

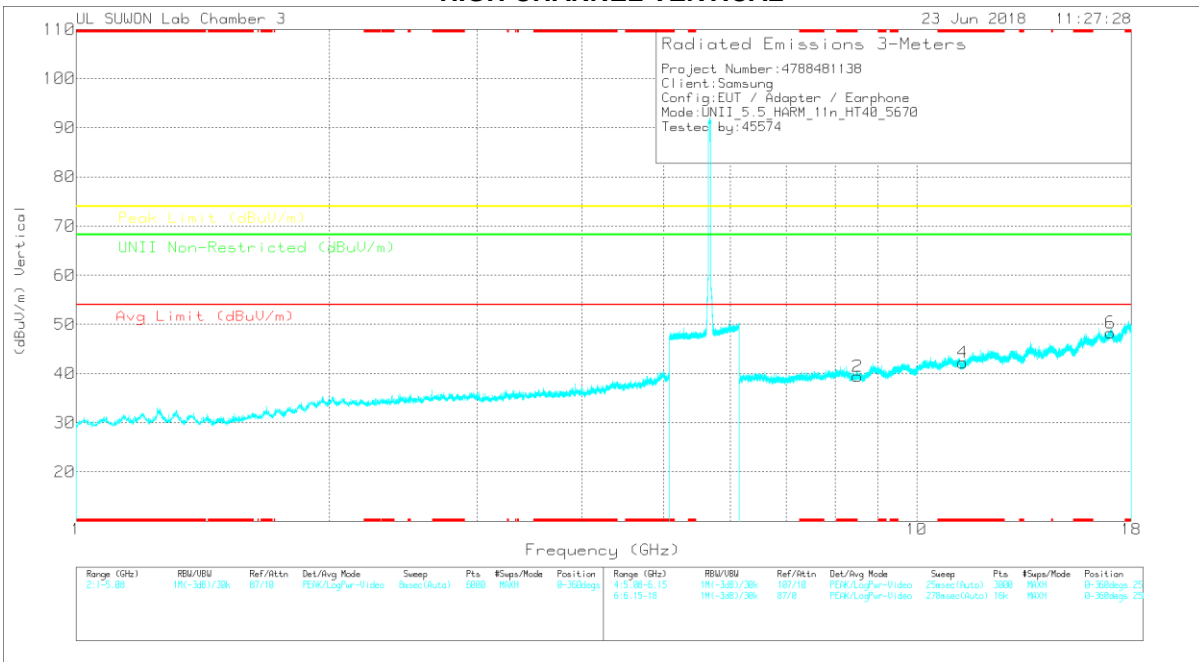
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

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 40GHz; 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)	Marker Reading (dBuV)	Det	3117(00209959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.505	24.45	PK	35.8	-21.3	0	38.95	-	-	-	-	68.2	-29.25	0-360	250	H
3	*11.341	23.63	PK	37.9	-19.8	0	41.73	-	-	74	-32.27	-	-	0-360	250	H
5	17.01	23.2	PK	41.2	-16	0	48.4	-	-	-	-	68.2	-19.8	0-360	250	H
2	8.505	24.93	PK	35.8	-21.3	0	39.43	-	-	-	-	68.2	-28.77	0-360	250	V
4	*11.341	24.11	PK	37.9	-19.8	0	42.21	-	-	74	-31.79	-	-	0-360	250	V
6	17.01	23.09	PK	41.2	-16	0	48.29	-	-	-	-	68.2	-19.91	0-360	149	V

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

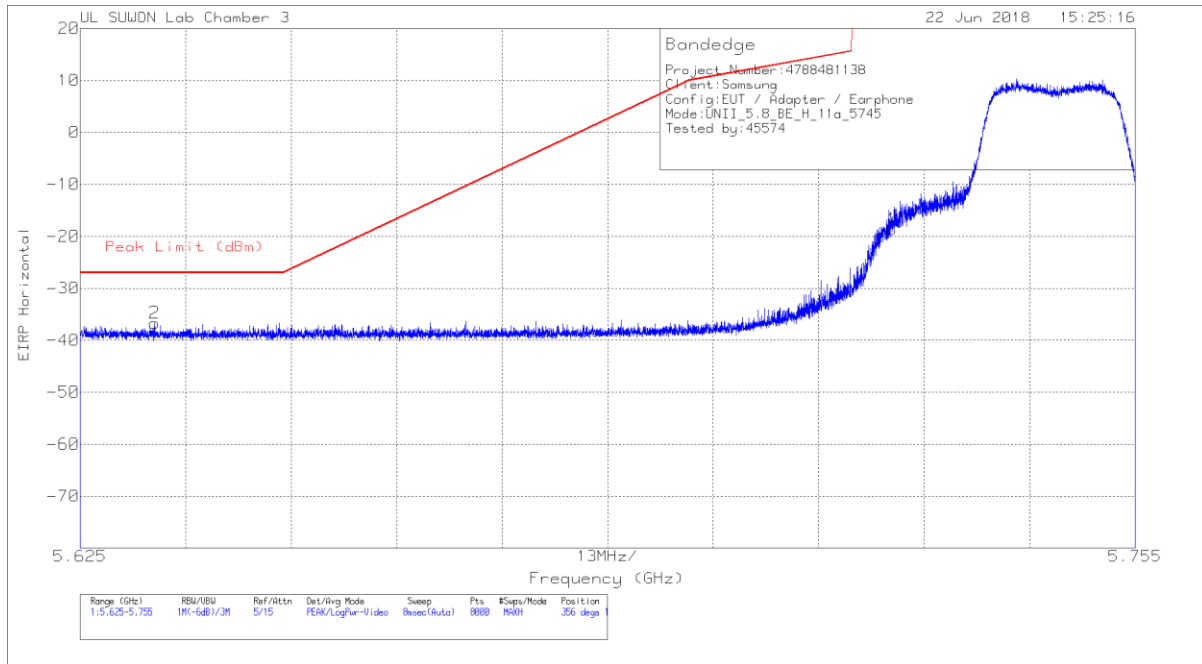
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).



## 11.4. 5.8 GHz

### 11.4.1. TX ABOVE 1GHz 802.11a MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK PLOT



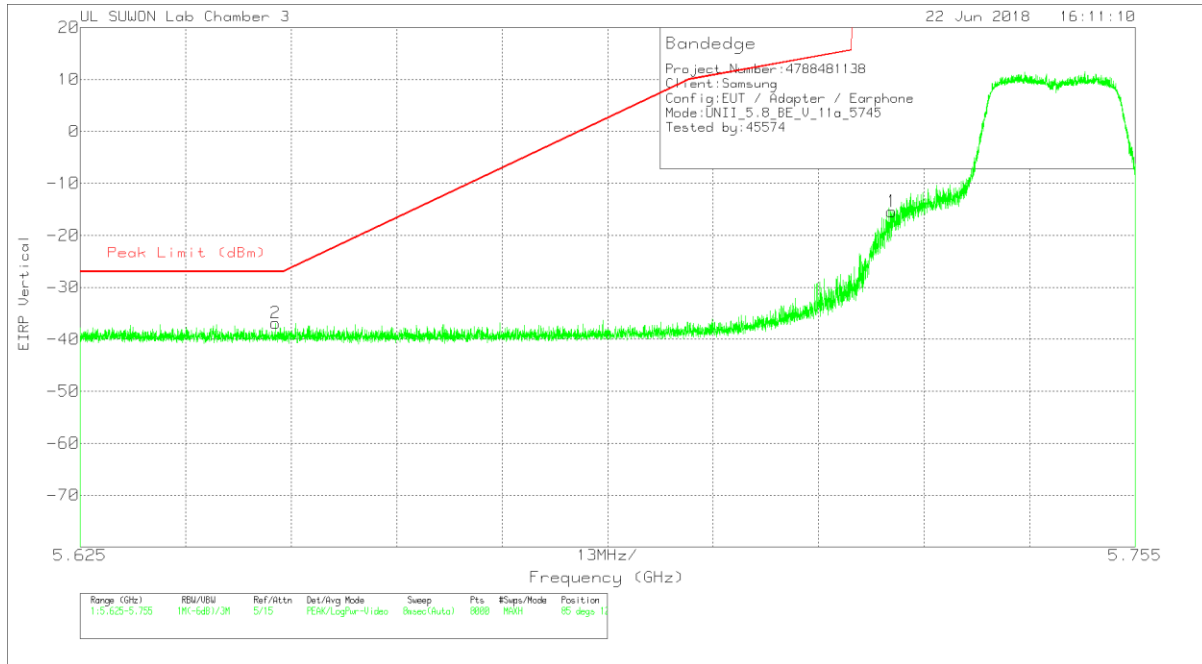
#### HORIZONTAL DATA

##### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-47.23	Pk	34.7	-17.9	11.8	-18.63	278.95	-297.58	356	100	H
2	5.634	-64.88	Pk	34.5	-18.1	11.8	-36.68	-27	-9.68	356	100	H

Pk - Peak detector

**VERTICAL PEAK PLOT**



**VERTICAL DATA**

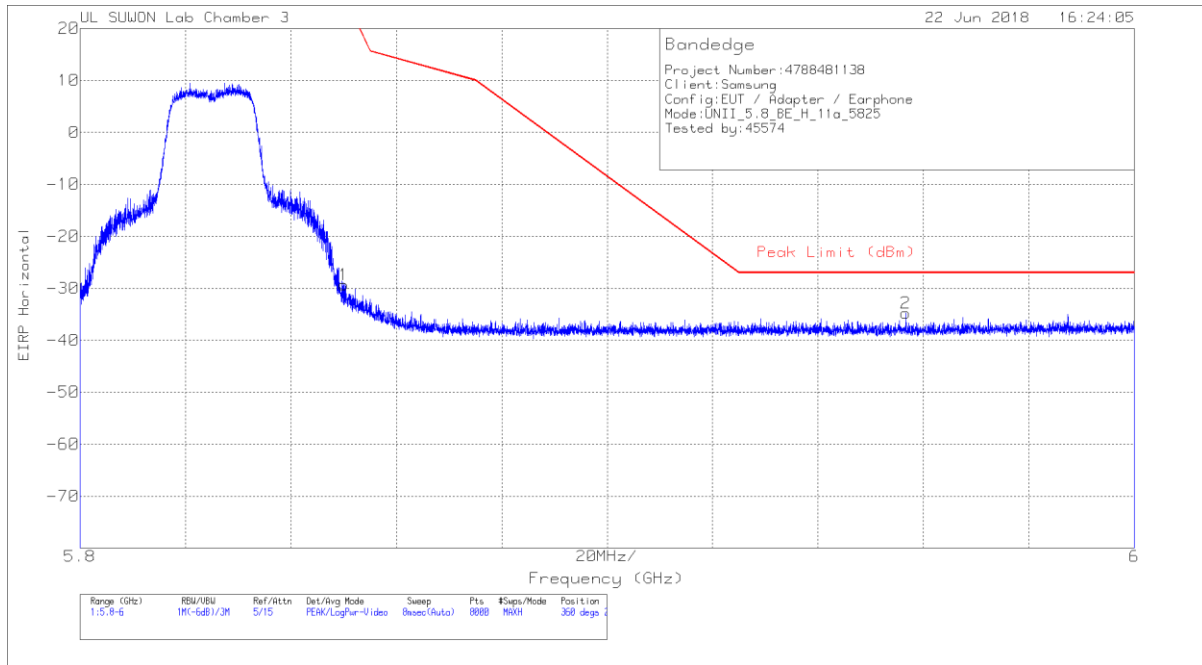
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-43.99	Pk	34.7	-17.9	11.8	-15.39	278.95	-294.34	85	128	V
2	5.649	-65.08	Pk	34.5	-18.1	11.8	-36.88	-27	-9.88	85	128	V

Pk - Peak detector

### BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL PEAK PLOT



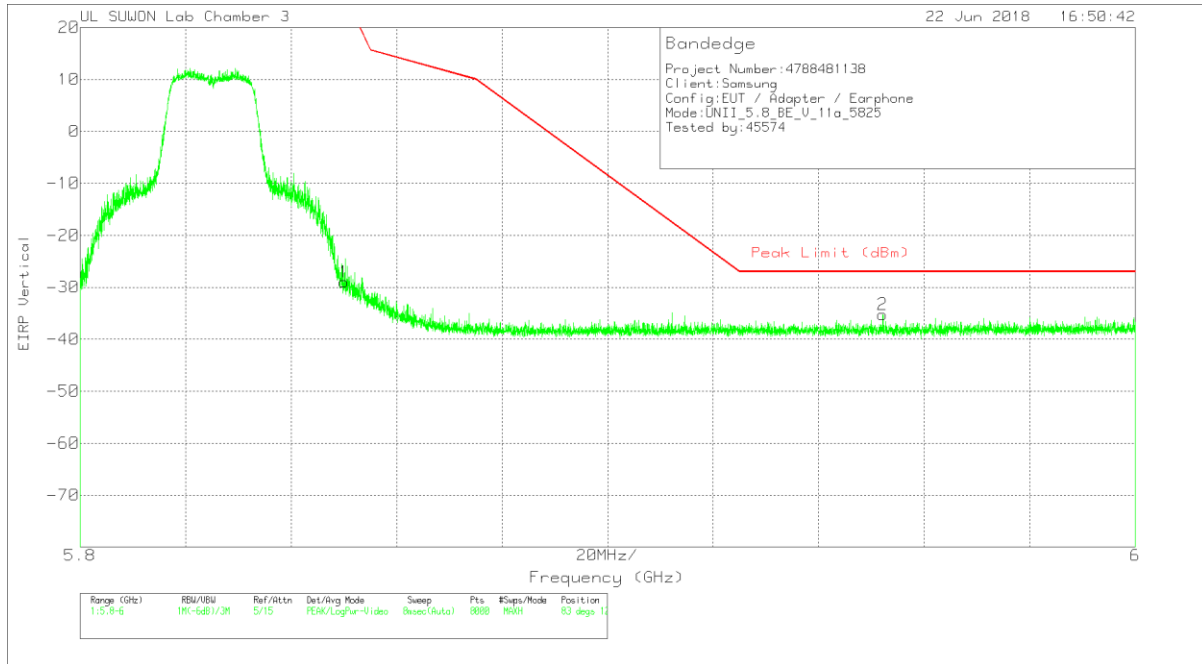
#### HORIZONTAL DATA

##### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.46	Pk	34.9	-17.6	11.8	-29.36	26.99	-56.35	360	288	H
2	5.957	-64.08	Pk	35	-17.5	11.8	-34.78	-27	-7.78	360	288	H

Pk - Peak detector

**VERTICAL PEAK PLOT**



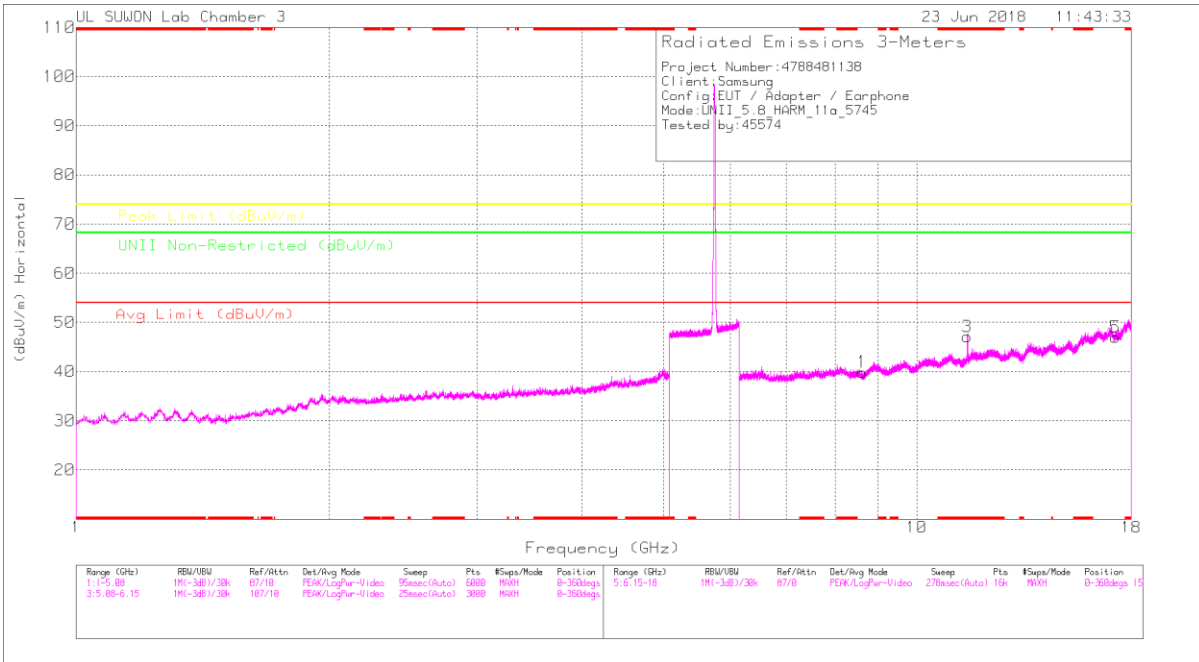
**VERTICAL DATA**

Trace Markers

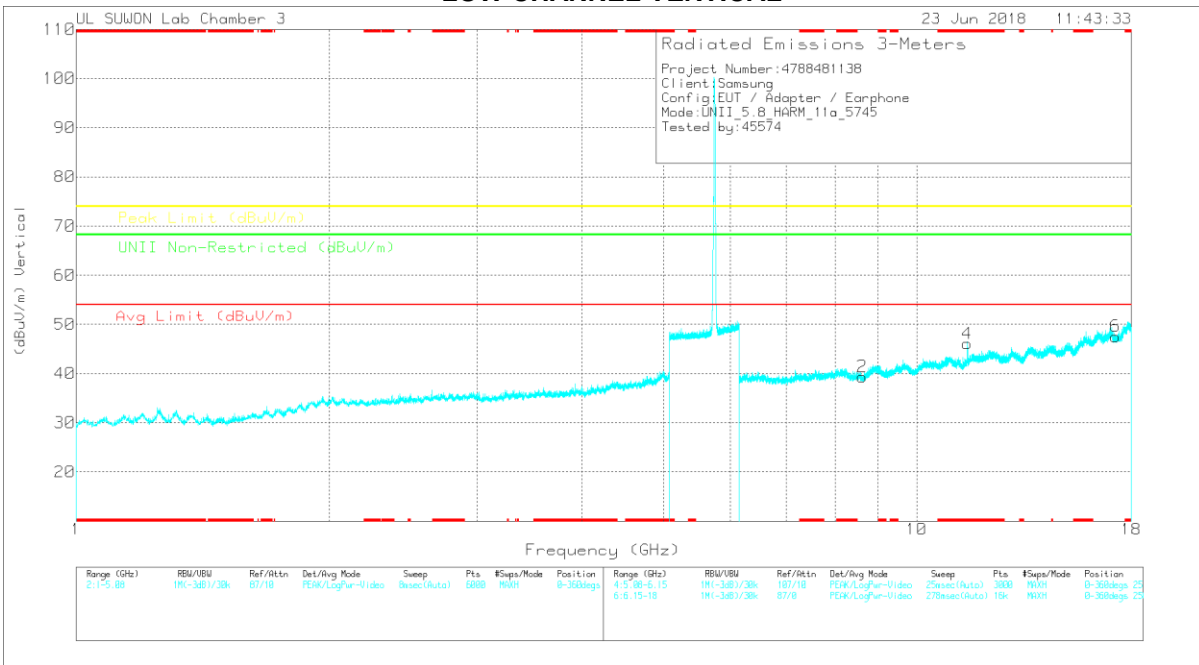
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.1	Pk	34.9	-17.6	11.8	-29	26.99	-55.99	83	121	V
2	5.952	-64.54	Pk	35	-17.5	11.8	-35.24	-27	-8.24	83	121	V

Pk - Peak detector

**LOW CHANNEL HORIZONTAL**



**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; 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(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.616	25.56	PK	35.8	-21.5	0	39.86	-	-	-	-	68.2	-28.34	0-360	150	H
3	*11.491	28.62	PK	38	-19.5	0	47.12	-	-	74	-26.88	-	-	0-360	150	H
5	17.236	21.57	PK	40.7	-15.3	0	46.97	-	-	-	-	68.2	-21.23	0-360	150	H
2	8.618	25.05	PK	35.8	-21.5	0	39.35	-	-	-	-	68.2	-28.85	0-360	149	V
4	*11.489	27.67	PK	38	-19.6	0	46.07	-	-	74	-27.93	-	-	0-360	250	V
6	17.236	22.16	PK	40.7	-15.3	0	47.56	-	-	-	-	68.2	-20.64	0-360	250	V

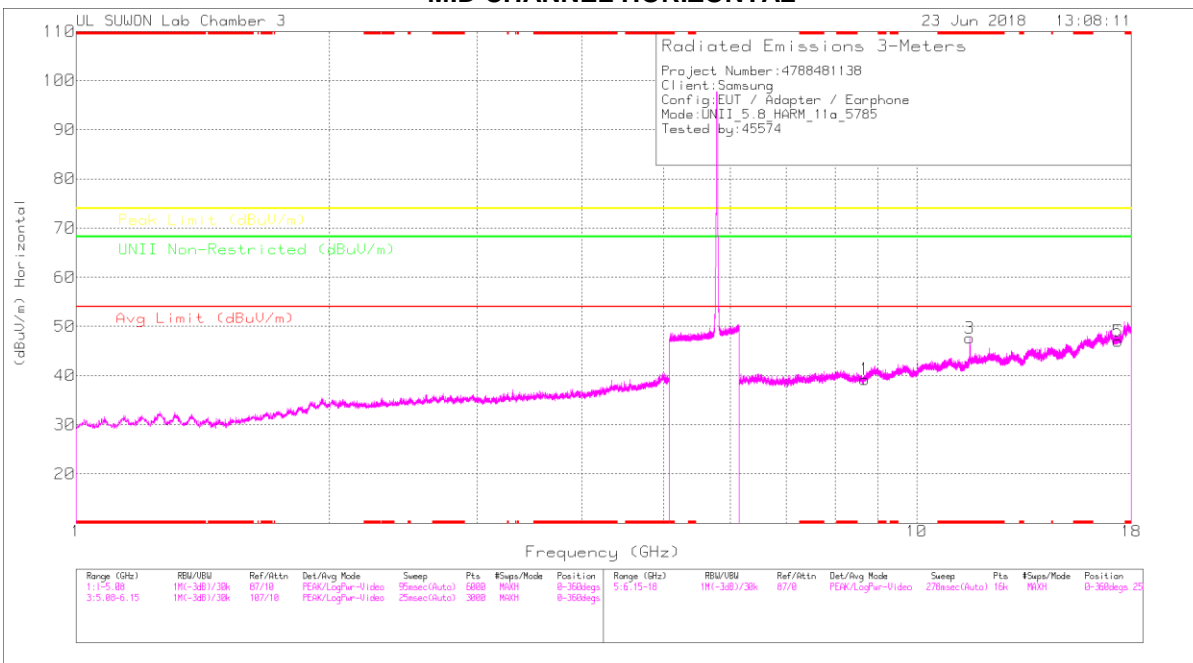
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK – Peak Detector

Radiated Emissions

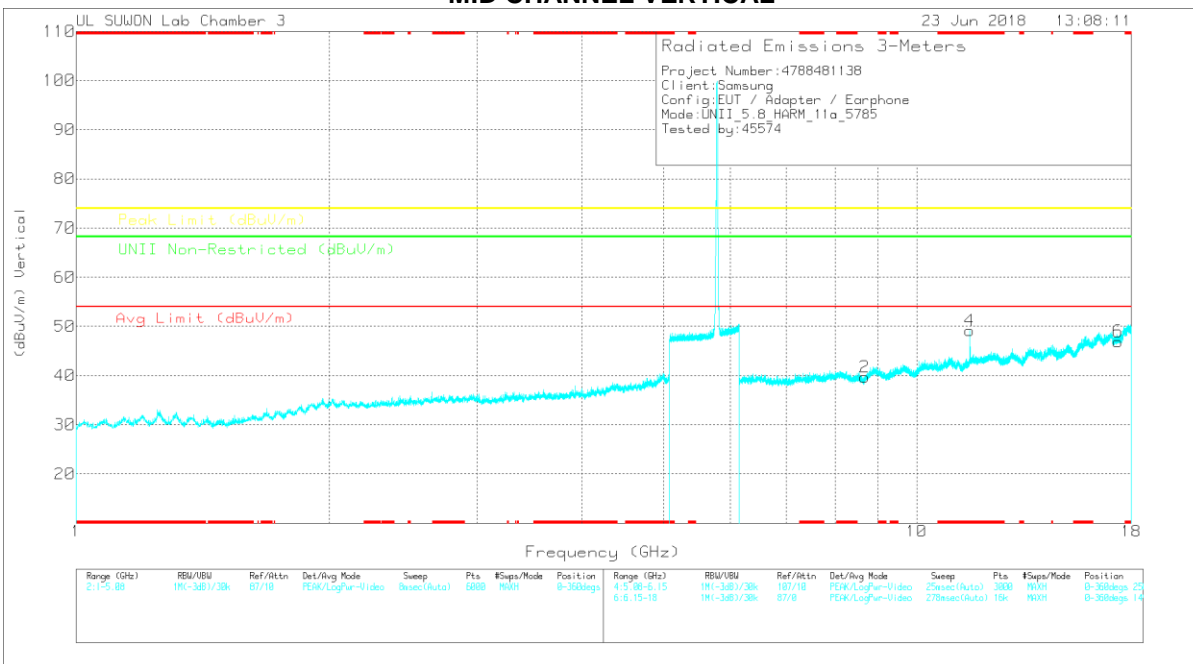
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*11.49	35.78	PK-U	38	-19.6	0	54.18	-	-	74	-19.82	-	-	86	136	H
*11.49	27.12	ADR	38	-19.6	0	45.52	54	-8.48	-	-	-	-	86	136	H
*11.494	39.13	PK-U	38	-19.6	0	57.53	-	-	74	-16.47	-	-	170	247	V
*11.49	27.35	ADR	38	-19.6	0	45.75	54	-8.25	-	-	-	-	170	247	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### MID CHANNEL HORIZONTAL



### MID CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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(00209959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.678	24.62	PK	35.9	-21.3	0	39.22	-	-	-	-	68.2	-28.98	0-360	250	H
3	* 11.569	29.2	PK	38.1	-19.7	0	47.6	-	-	74	-26.4	-	-	0-360	150	H
5	17.356	21.47	PK	40.8	-15.3	0	46.97	-	-	-	-	68.2	-21.23	0-360	250	H
2	8.678	25.11	PK	35.9	-21.3	0	39.71	-	-	-	-	68.2	-28.49	0-360	250	V
4	* 11.569	30.75	PK	38.1	-19.7	0	49.15	-	-	74	-24.85	-	-	0-360	250	V
6	17.356	21.41	PK	40.8	-15.3	0	46.91	-	-	-	-	68.2	-21.29	0-360	250	V

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

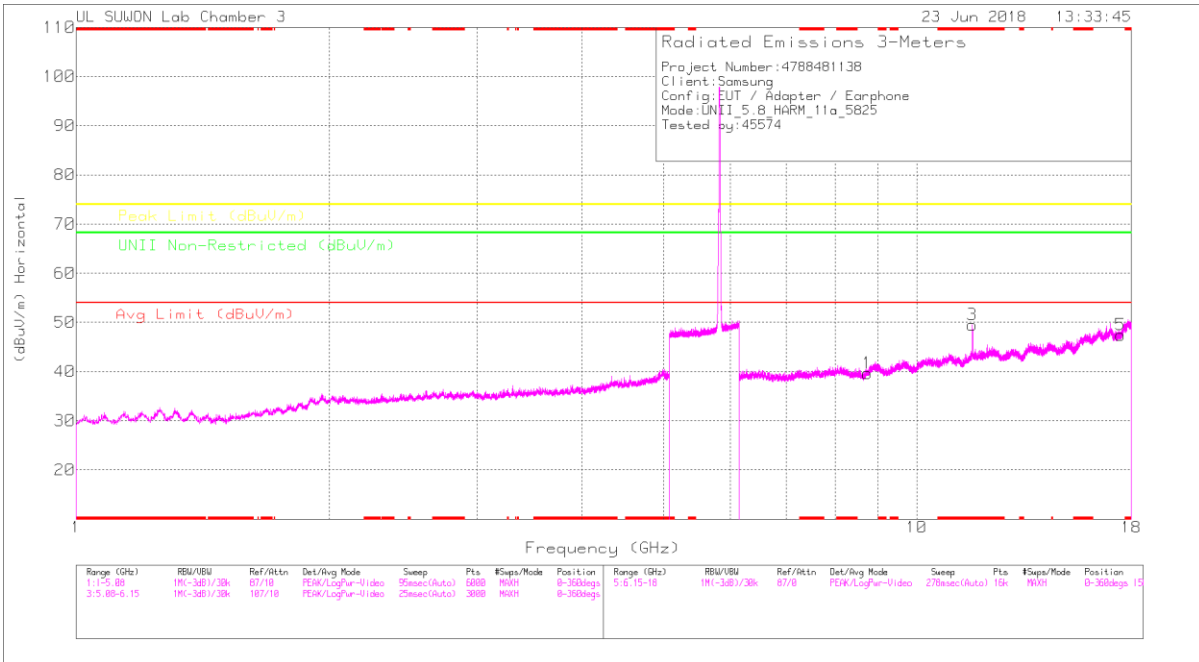
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00209959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.576	37.39	PK-U	38.1	-19.8	0	55.69	-	-	74	-18.31	-	-	86	134	H
* 11.569	27.9	ADR	38.1	-19.7	0	46.3	54	-7.7	-	-	-	-	86	134	H
* 11.571	37.95	PK-U	38.1	-19.7	0	56.35	-	-	74	-17.65	-	-	170	247	V
* 11.57	27.61	ADR	38.1	-19.8	0	45.91	54	-8.09	-	-	-	-	170	247	V

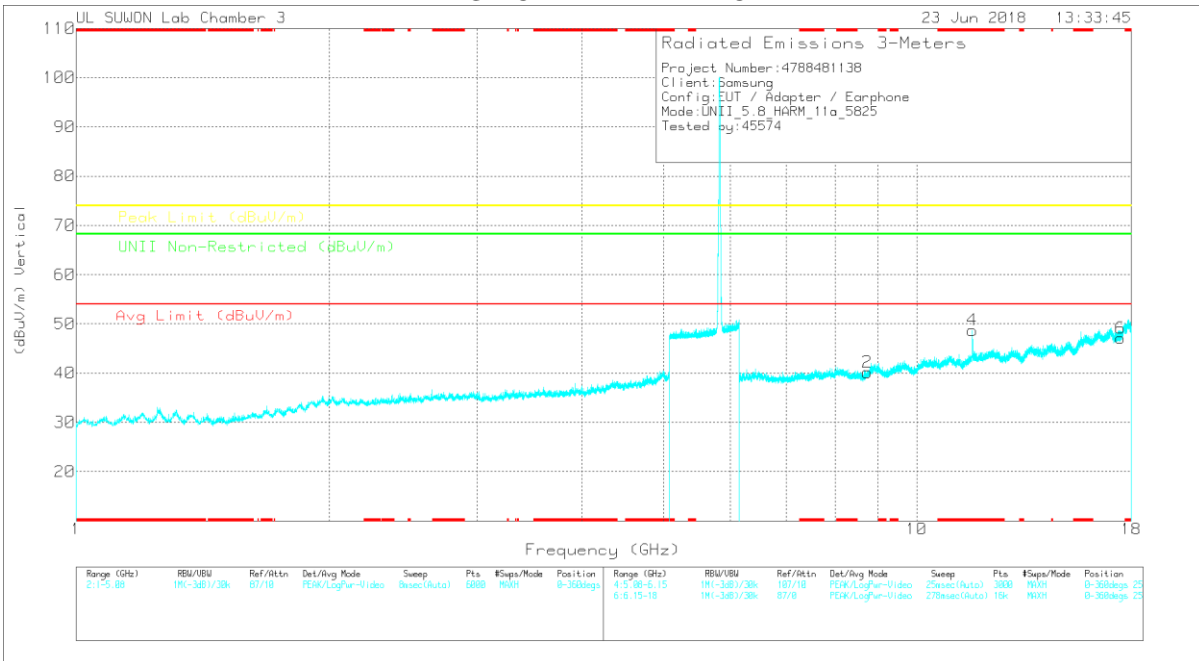
\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average



### HIGH CHANNEL HORIZONTAL



### HIGH CHANNEL VERTICAL



Note: Emission was scanned up to 40GHz; 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(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.738	24.86	PK	35.9	-21.1	0	39.66	-	-	-	-	68.2	-28.54	0-360	150	H
3	*11.651	30.89	PK	38.2	-19.6	0	49.49	-	-	74	-24.51	-	-	0-360	251	H
5	17.474	21.34	PK	41	-14.9	0	47.44	-	-	-	-	68.2	-20.76	0-360	251	H
2	8.738	25.37	PK	35.9	-21.1	0	40.17	-	-	-	-	68.2	-28.03	0-360	251	V
4	*11.652	30.12	PK	38.2	-19.6	0	48.72	-	-	74	-25.28	-	-	0-360	251	V
6	17.476	21.02	PK	41	-14.9	0	47.12	-	-	-	-	68.2	-21.08	0-360	251	V

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

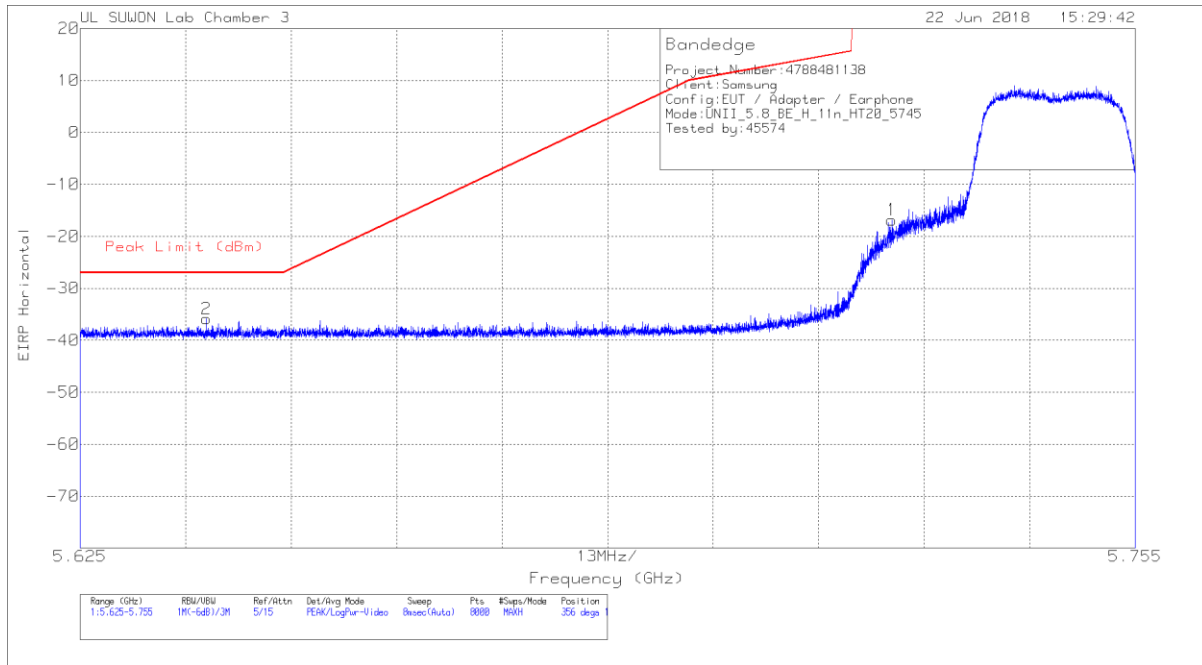
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*11.651	38.76	PK-U	38.2	-19.6	0	57.36	-	-	74	-16.64	-	-	86	136	H
*11.65	28.39	ADR	38.2	-19.7	0	46.89	54	-7.11	-	-	-	-	86	136	H
*11.654	37.24	PK-U	38.2	-19.6	0	55.84	-	-	74	-18.16	-	-	170	247	V
*11.65	28.11	ADR	38.2	-19.7	0	46.61	54	-7.39	-	-	-	-	170	247	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average

### 11.4.2.TX ABOVE 1GHz 802.11n HT20 MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

#### HORIZONTAL PEAK PLOT



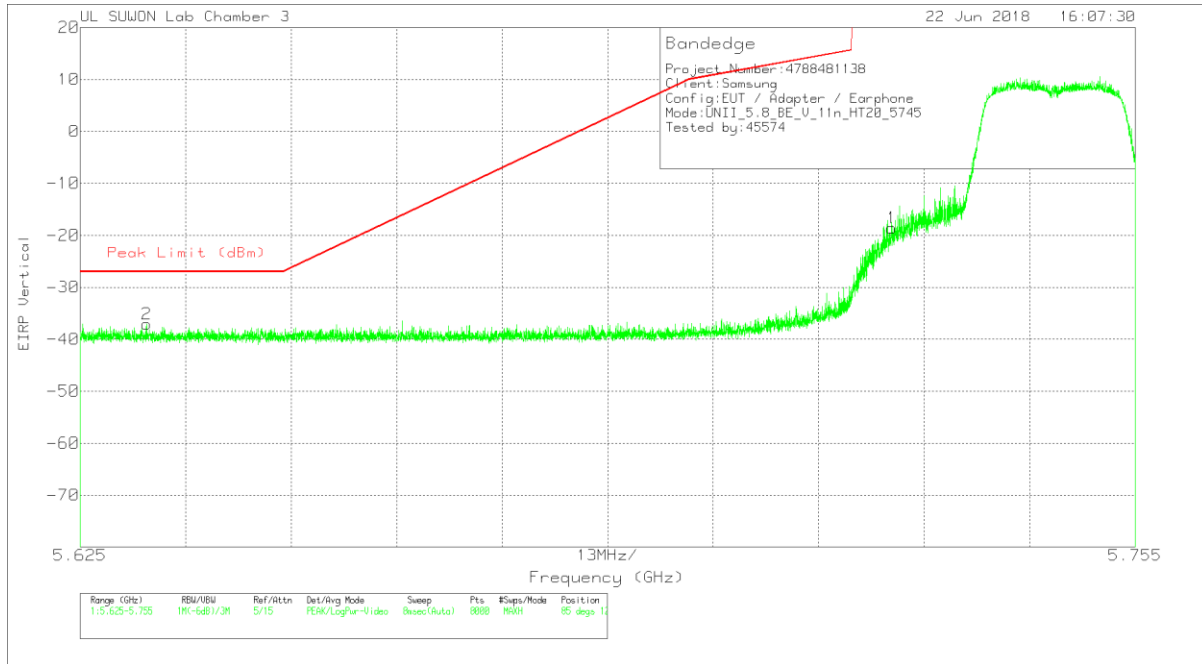
#### HORIZONTAL DATA

##### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-45.46	Pk	34.7	-17.9	11.8	-16.86	278.95	-295.81	356	100	H
2	5.641	-64.09	Pk	34.5	-18.1	11.8	-35.89	-27	-8.89	356	100	H

Pk - Peak detector

**VERTICAL PEAK PLOT**



**VERTICAL DATA**

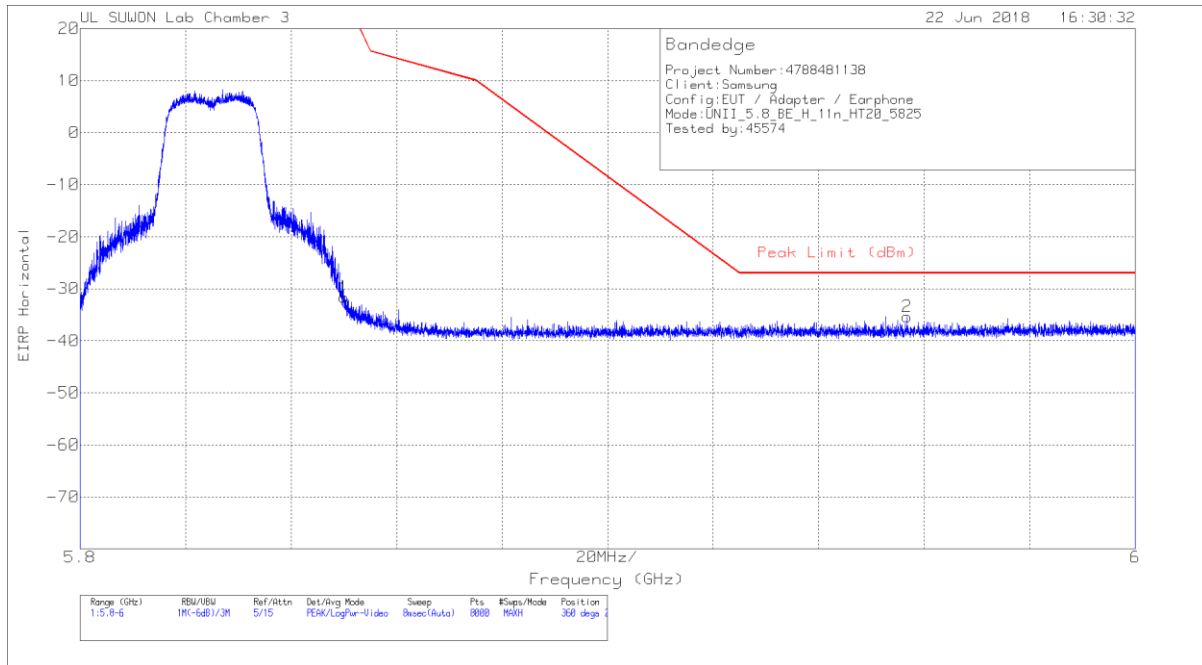
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-47.17	Pk	34.7	-17.9	11.8	-18.57	278.95	-297.52	85	128	V
2	5.633	-65.18	Pk	34.5	-18.2	11.8	-37.08	-27	-10.08	85	128	V

Pk - Peak detector

### BANDEDGE (HIGH CHANNEL)

#### HORIZONTAL PEAK AND AVERAGE PLOT



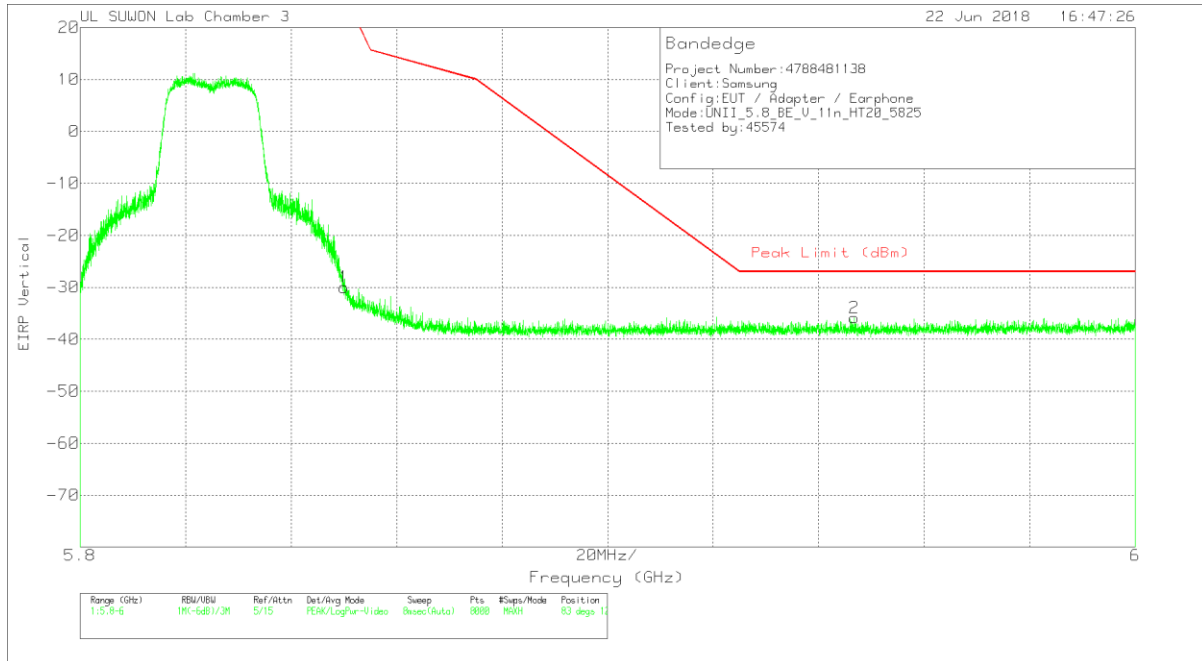
#### HORIZONTAL DATA

##### Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.74	Pk	34.9	-17.6	11.8	-31.64	26.99	-58.63	360	288	H
2	5.957	-64.66	Pk	35	-17.5	11.8	-35.36	-27	-8.36	360	288	H

Pk - Peak detector

**VERTICAL PEAK PLOT**



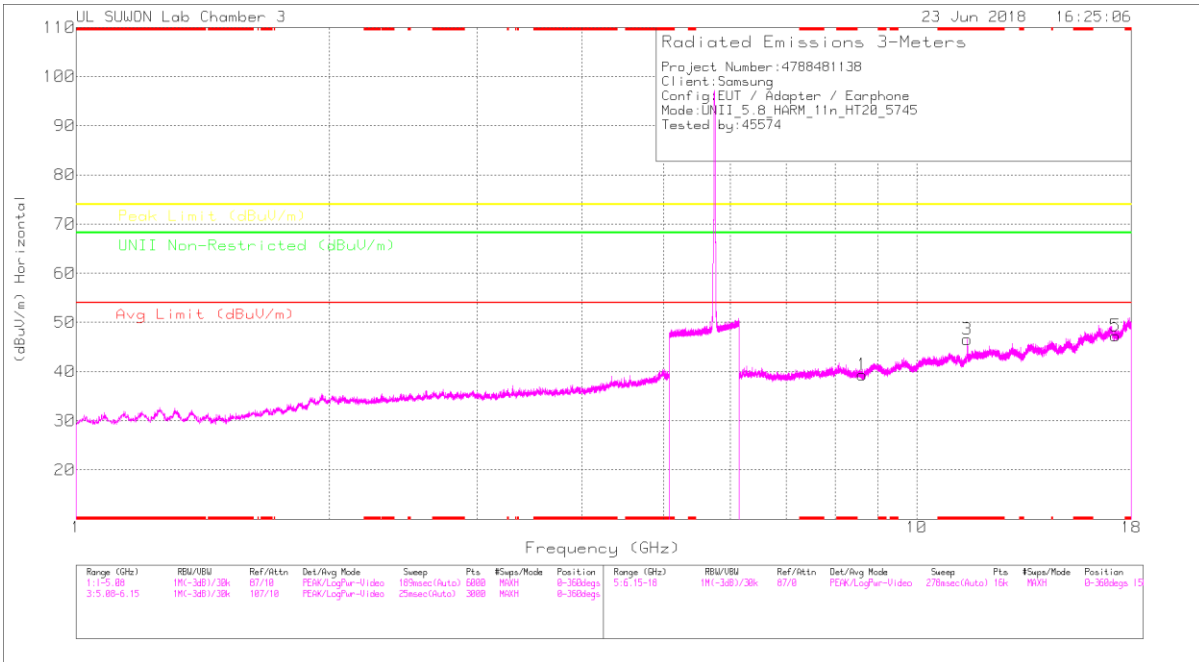
**VERTICAL DATA**

Trace Markers

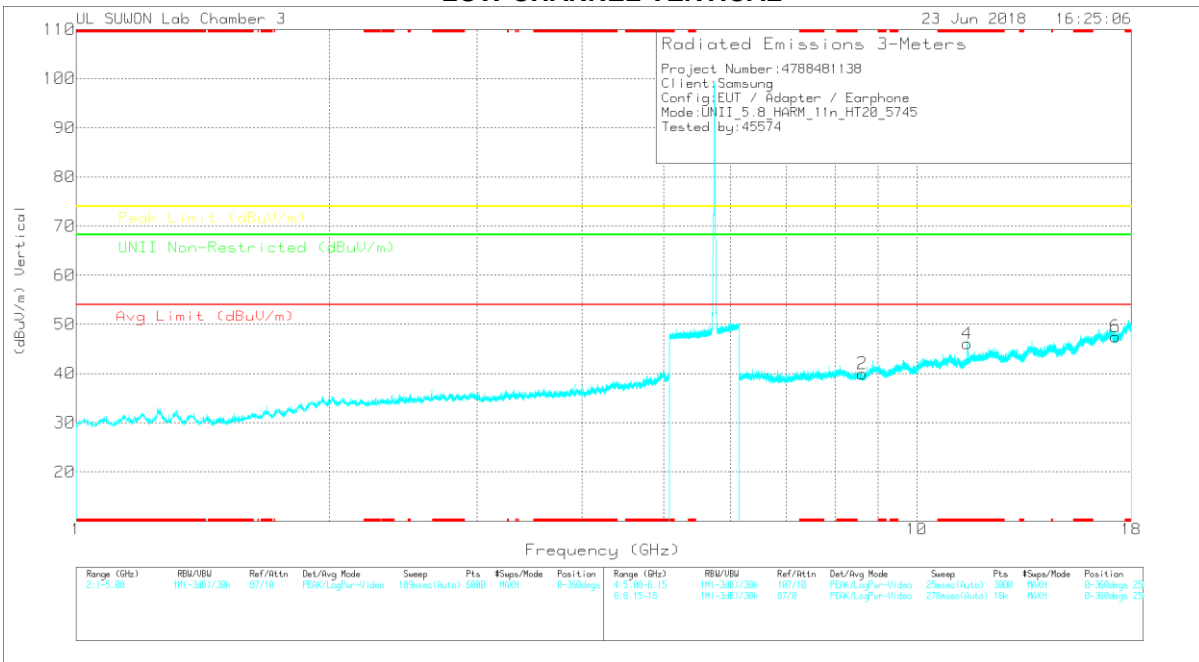
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117[00205959]	10dB_ATT[dB]	Conversion Factor (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.09	Pk	34.9	-17.6	11.8	-29.99	26.99	-56.98	83	121	V
2	5.947	-65.05	Pk	35	-17.6	11.8	-35.85	-27	-8.85	83	121	V

Pk - Peak detector

**LOW CHANNEL HORIZONTAL**



**LOW CHANNEL VERTICAL**



Note: Emission was scanned up to 40GHz; 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(0020959)	SGHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.617	25.05	PK	35.8	-21.5	0	39.35	-	-	-	-	68.2	-28.85	0-360	150	H
3	*11.491	28.15	PK	38	-19.6	0	46.55	-	-	74	-27.45	-	-	0-360	250	H
5	17.236	21.88	PK	40.7	-15.3	0	47.28	-	-	-	-	68.2	-20.92	0-360	150	H
2	8.618	25.69	PK	35.8	-21.5	0	39.99	-	-	-	-	68.2	-28.21	0-360	250	V
4	*11.488	27.66	PK	38	-19.6	0	46.06	-	-	74	-27.94	-	-	0-360	250	V
6	17.236	22.13	PK	40.7	-15.3	0	47.53	-	-	-	-	68.2	-20.67	0-360	150	V

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

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	SGHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*11.492	35.35	PK-U	38	-19.6	0	53.75	-	-	74	-20.25	-	-	86	134	H
*11.493	25.63	ADR	38	-19.6	0	44.03	54	-9.97	-	-	-	-	86	134	H
*11.497	33.88	PK-U	38	-19.5	0	52.38	-	-	74	-21.62	-	-	170	248	V
*11.491	24.86	ADR	38	-19.6	0	43.26	54	-10.74	-	-	-	-	170	248	V

\* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band  
 PK-U - U-NII: Maximum Peak  
 ADR - U-NII AD primary method, RMS average