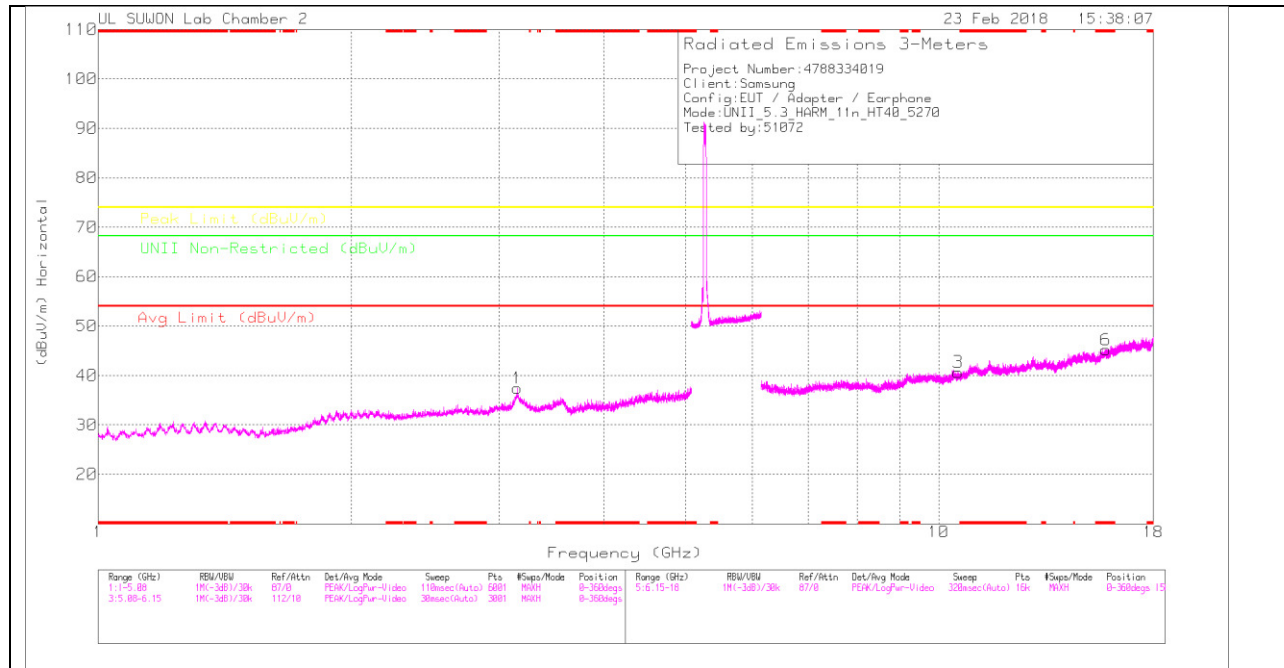
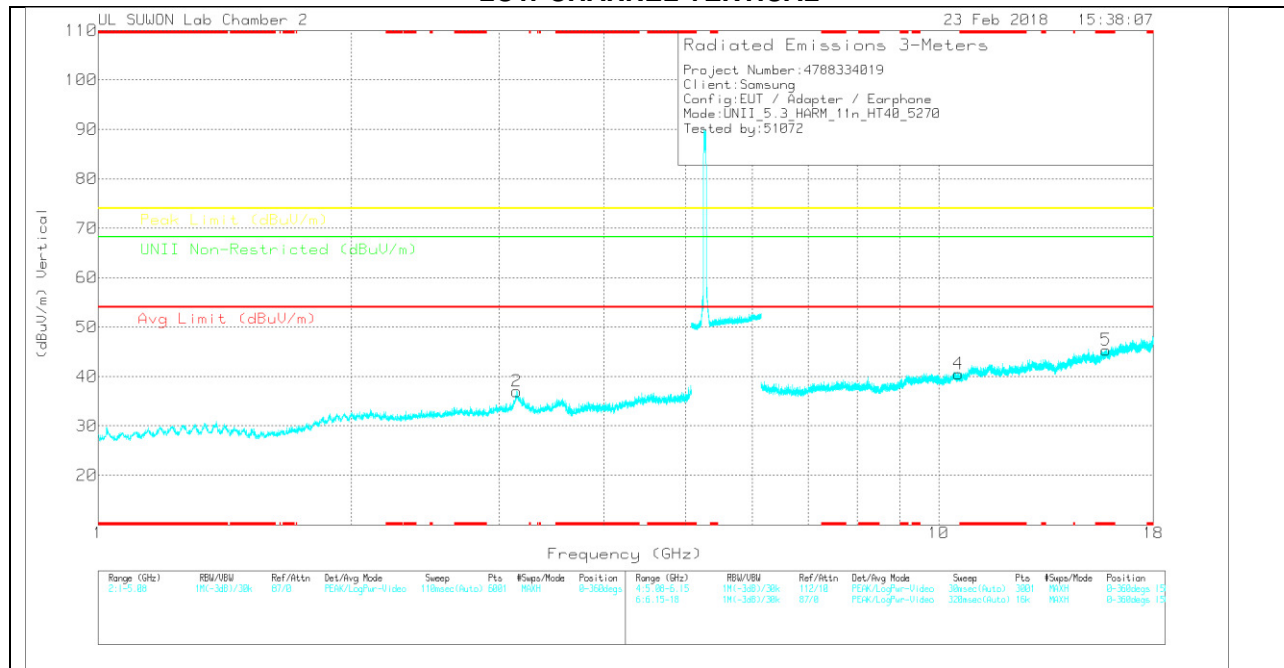


HARMONICS AND SPURIOUS EMISSIONS

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

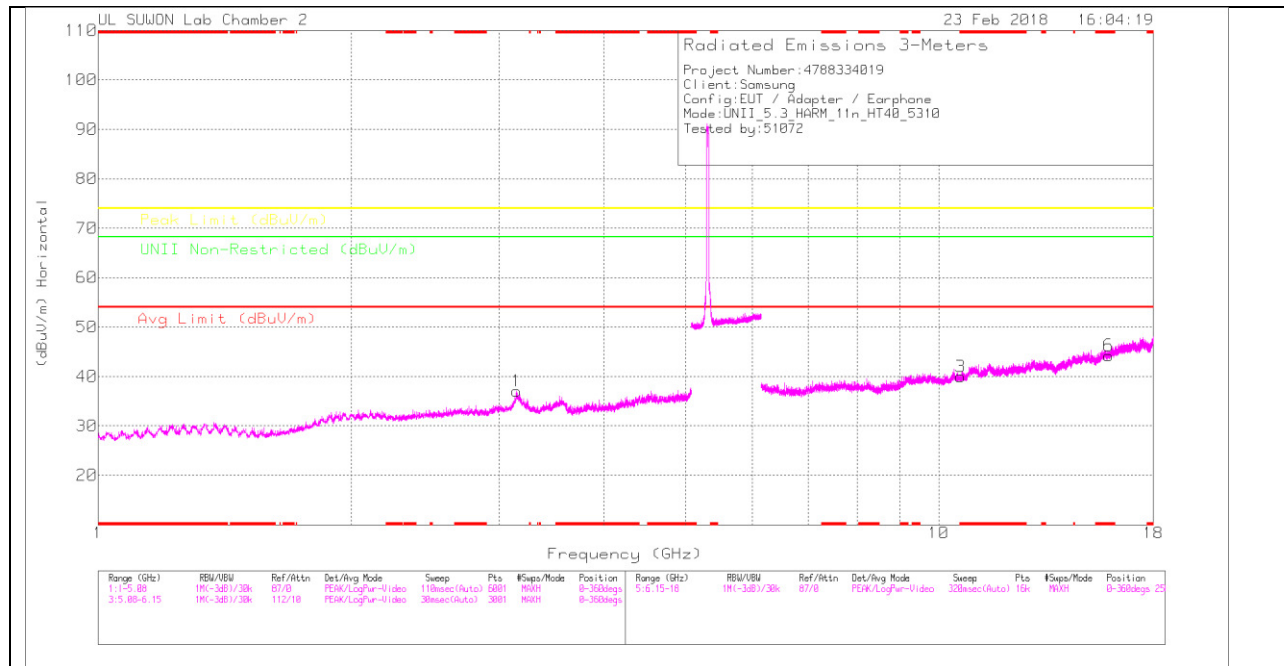
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117003887 24)	5GHz_1P(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UL/Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.154	28.64	PK	34.8	-26	0	37.44	-	-	-	-	68.2	-30.76	0-360	150	H
2	3.146	28.5	PK	34.7	-26.2	0	37	-	-	-	-	68.2	-31.2	0-360	250	V
3	10.546	19.55	PK	37.6	-16.5	0	40.65	-	-	-	-	68.2	-27.55	0-360	150	H
6	* 15.806	19.79	PK	40.1	-14.7	0	45.19	-	-	74	-28.81	-	-	0-360	250	H
4	10.55	19.43	PK	37.6	-16.5	0	40.53	-	-	-	-	68.2	-27.67	0-360	150	V
5	* 15.81	19.97	PK	40.1	-14.7	0	45.37	-	-	74	-28.63	-	-	0-360	250	V

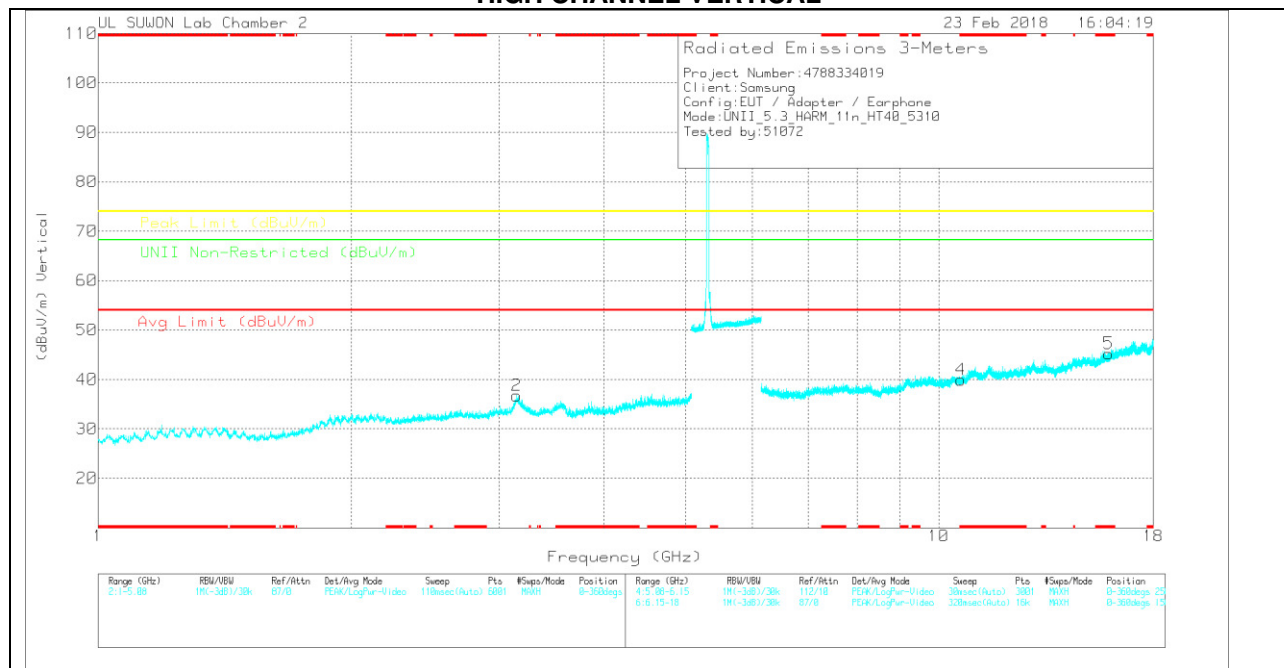
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

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	170531_3117001887 2d	50Hz_1P(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.147	28.44	PK	34.8	-26.2	0	37.04	-	-	-	-	68.2	-31.16	0-360	150	H
2	3.149	28.15	PK	34.8	-26.2	0	36.75	-	-	-	-	68.2	-31.45	0-360	150	V
3	* 10.619	19.06	PK	37.6	-16.7	0	39.96	-	-	74	-34.04	-	-	0-360	250	H
6	* 15.926	18.41	PK	40.4	-14.6	0	44.21	-	-	74	-29.79	-	-	0-360	150	H
4	* 10.622	19.04	PK	37.6	-16.7	0	39.94	-	-	74	-34.06	-	-	0-360	250	V
5	* 15.931	19.54	PK	40.4	-14.7	0	45.24	-	-	74	-28.76	-	-	0-360	250	V

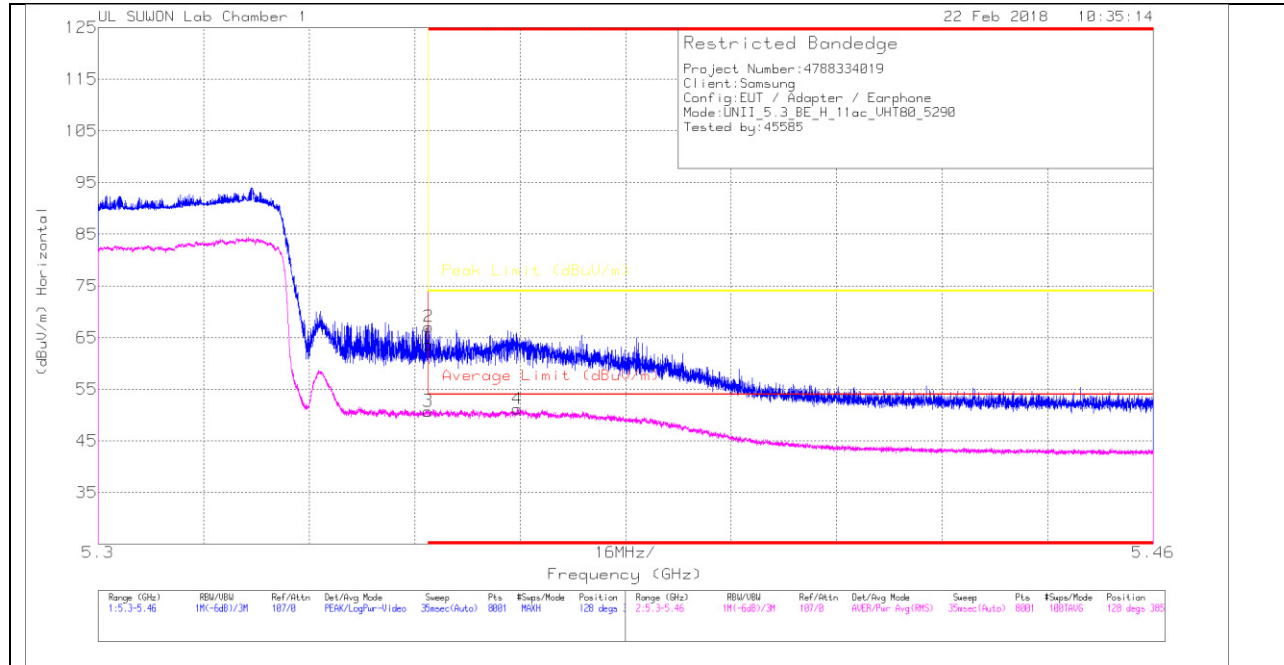
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.2.4.TX ABOVE 1GHz 802.11ac VHT80 MODE IN THE 5.3GHz BAND RESTRICTED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

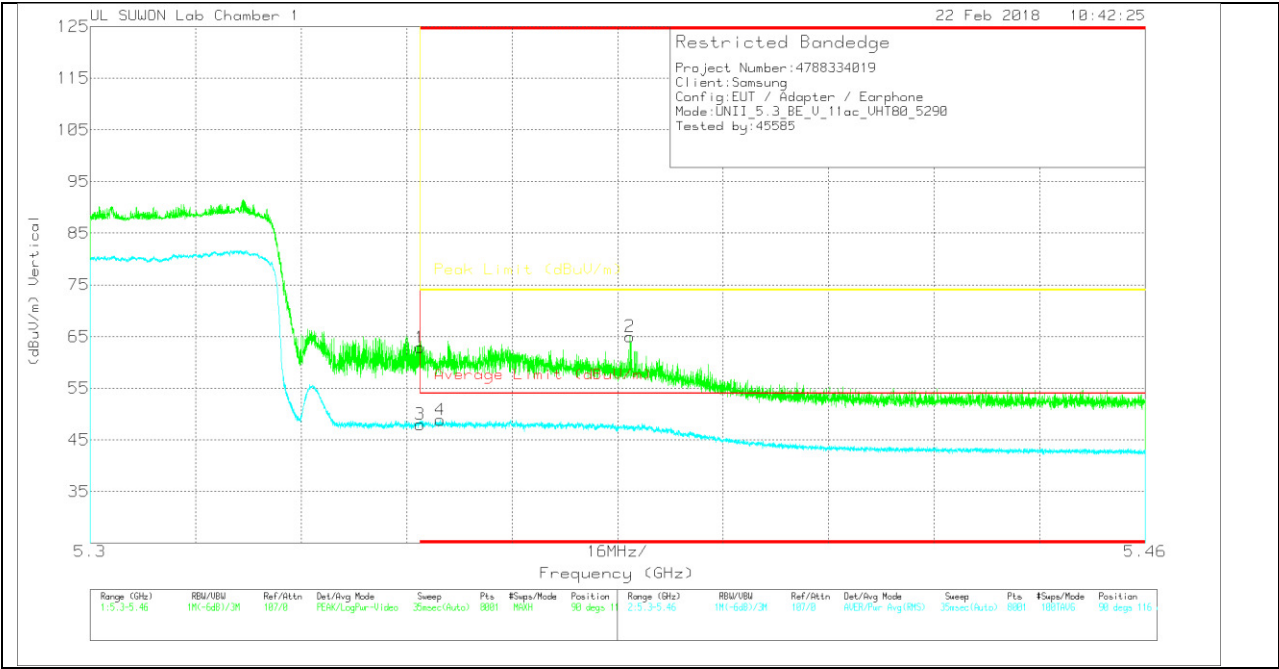
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	51.17	Pk	34.2	-21.7	0	63.67	-	-	74	-10.33	128	385	H
2	* 5.35	54.59	Pk	34.2	-21.7	0	67.09	-	-	74	-6.91	128	385	H
3	* 5.35	37.79	RMS	34.2	-21.7	.48	50.77	54	-3.23	-	-	128	385	H
4	* 5.364	38.24	RMS	34.2	-21.7	.48	51.22	54	-2.78	-	-	128	385	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

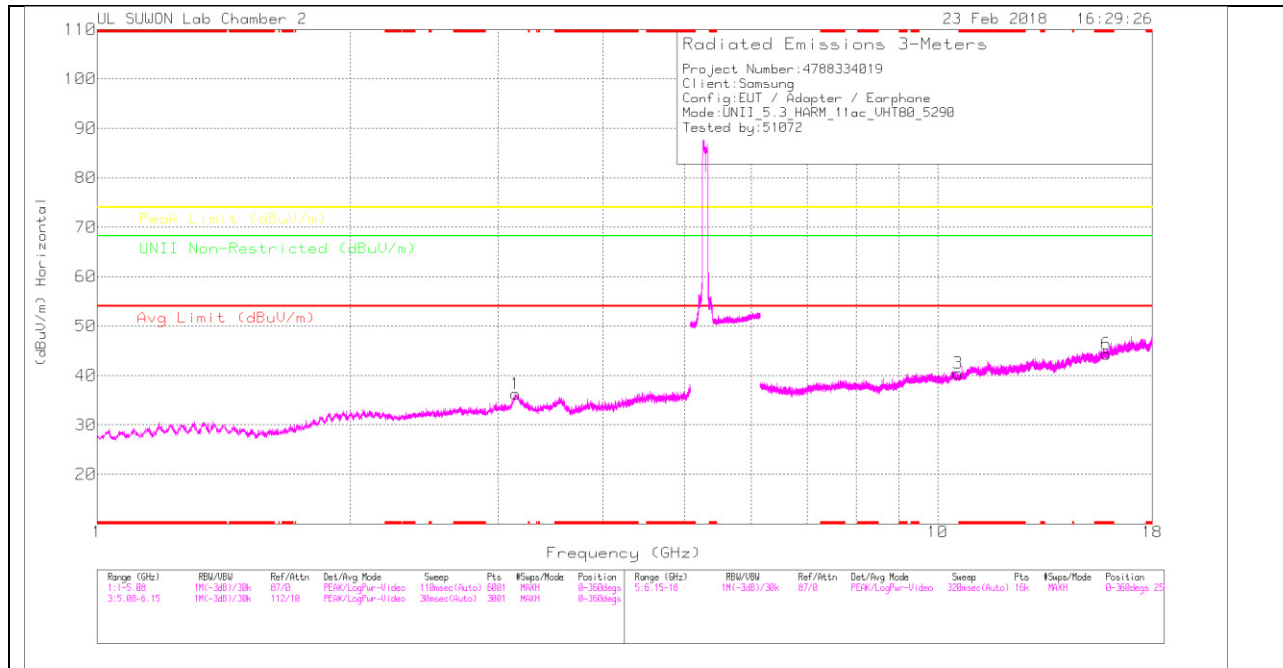
Trace Markers

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	* 5.35	50.4	Pk	34.2	-21.7	0	62.9	-	-	74	-11.1	90	116	V
2	* 5.382	52.49	Pk	34.2	-21.7	0	64.99	-	-	74	-9.01	90	116	V
3	* 5.35	35.02	RMS	34.2	-21.7	.48	48	54	-6	-	-	90	116	V
4	* 5.353	35.87	RMS	34.2	-21.7	.48	48.85	54	-5.15	-	-	90	116	V

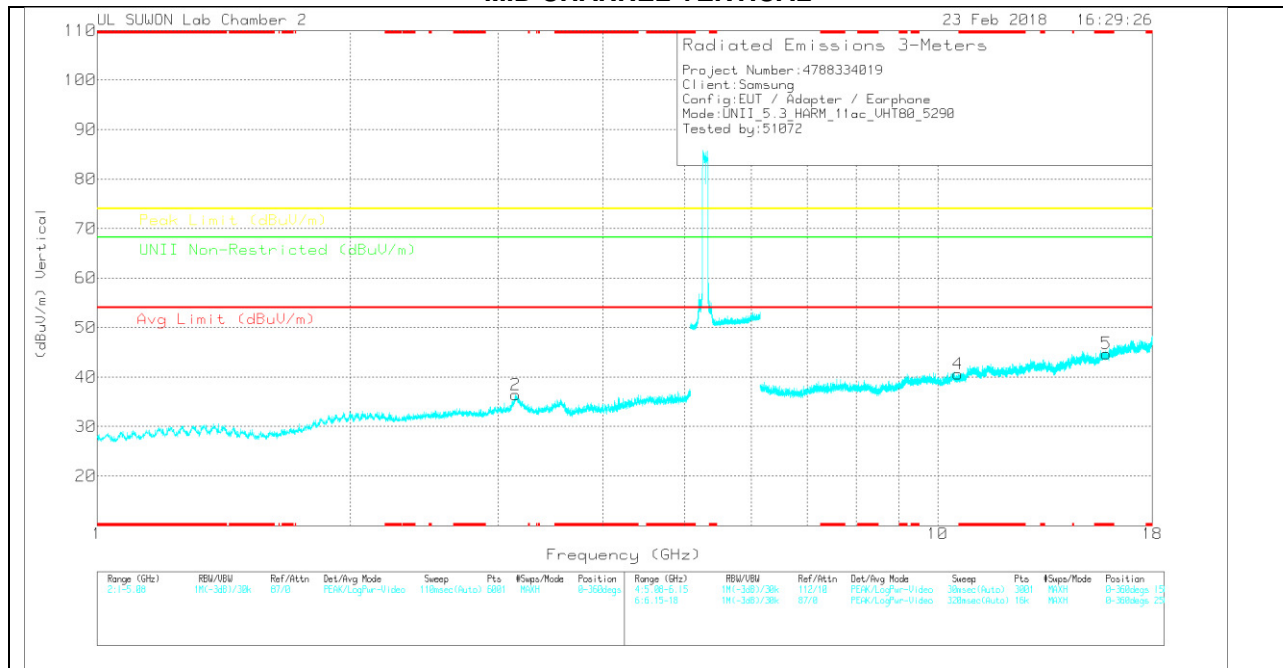
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

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	170531_3117003887 24)	5GHz_1P(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UL/Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.149	27.48	PK	34.9	-26.1	0	36.28	-	-	-	-	68.2	-31.92	0-360	150	H
2	3.148	27.78	PK	34.8	-26.2	0	36.38	-	-	-	-	68.2	-31.82	0-360	150	V
3	10.58	19.33	PK	37.6	-16.5	0	40.43	-	-	-	-	68.2	-27.77	0-360	150	H
6	* 15.876	18.84	PK	40.2	-14.7	0	44.34	-	-	74	-29.66	-	-	0-360	150	H
4	10.578	19.49	PK	37.6	-16.5	0	40.59	-	-	-	-	68.2	-27.61	0-360	150	V
5	* 15.874	19.22	PK	40.2	-14.7	0	44.72	-	-	74	-29.28	-	-	0-360	150	V

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

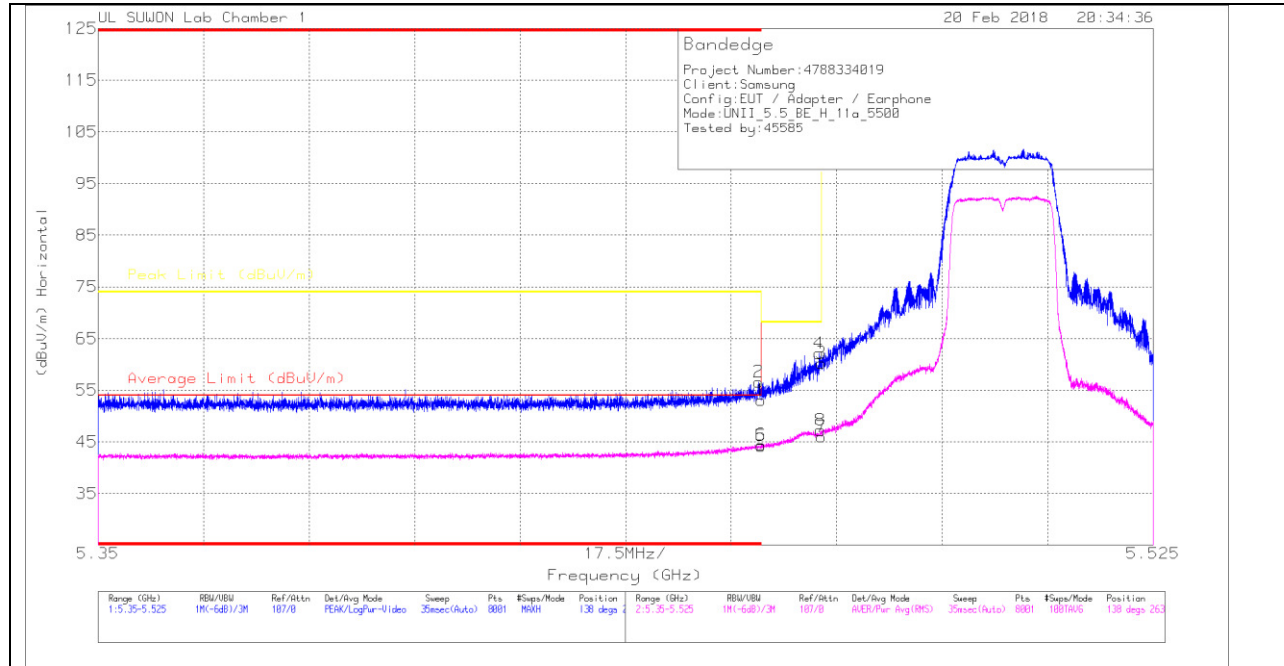
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

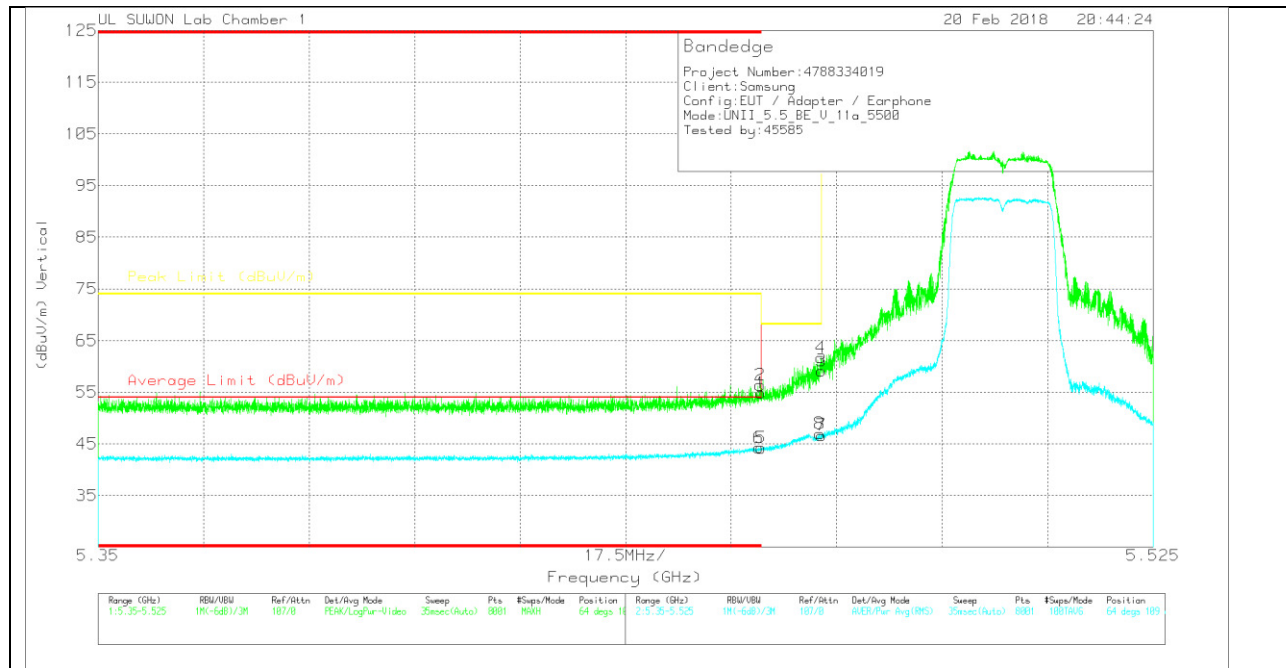
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.27	Pk	34.3	-21.5	0	53.07	-	-	74	-20.93	138	263	H
2	* 5.46	43.82	Pk	34.3	-21.5	0	56.62	-	-	74	-17.38	138	263	H
3	5.47	47.45	Pk	34.3	-21.5	0	60.25	-	-	68.2	-7.95	138	263	H
4	5.47	49.43	Pk	34.3	-21.6	0	62.13	-	-	68.2	-6.07	138	263	H
5	* 5.46	31.32	RMS	34.3	-21.5	-12	44.24	54	-9.76	-	-	138	263	H
6	* 5.46	31.52	RMS	34.3	-21.5	-12	44.44	54	-9.56	-	-	138	263	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	* 5.46	42.07	Pk	34.3	-21.5	0	54.87	-	-	74	-19.13	64	109	V
2	* 5.46	43.6	Pk	34.3	-21.5	0	56.4	-	-	74	-17.6	64	109	V
3	5.47	46.37	Pk	34.3	-21.5	0	59.17	-	-	68.2	-9.03	64	109	V
4	5.47	48.85	Pk	34.3	-21.5	0	61.65	-	-	68.2	-6.55	64	109	V
5	* 5.46	31.32	RMS	34.3	-21.5	.12	44.24	54	-9.76	-	-	64	109	V
6	* 5.46	31.35	RMS	34.3	-21.5	.12	44.27	54	-9.73	-	-	64	109	V

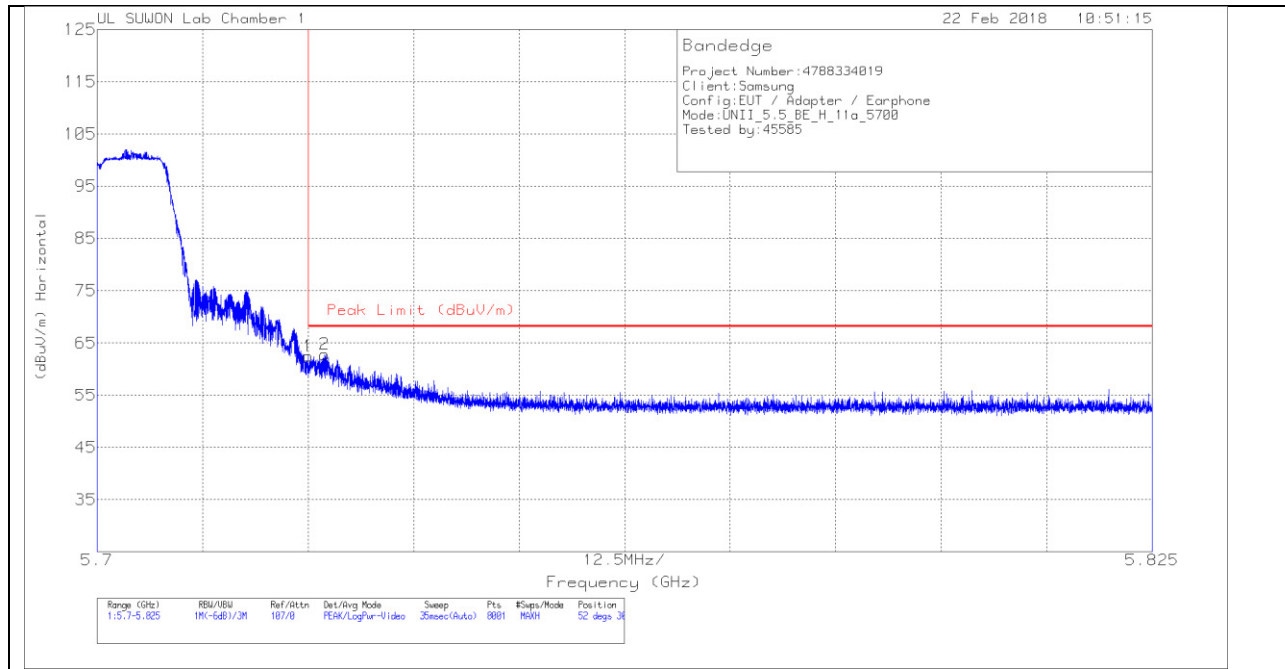
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



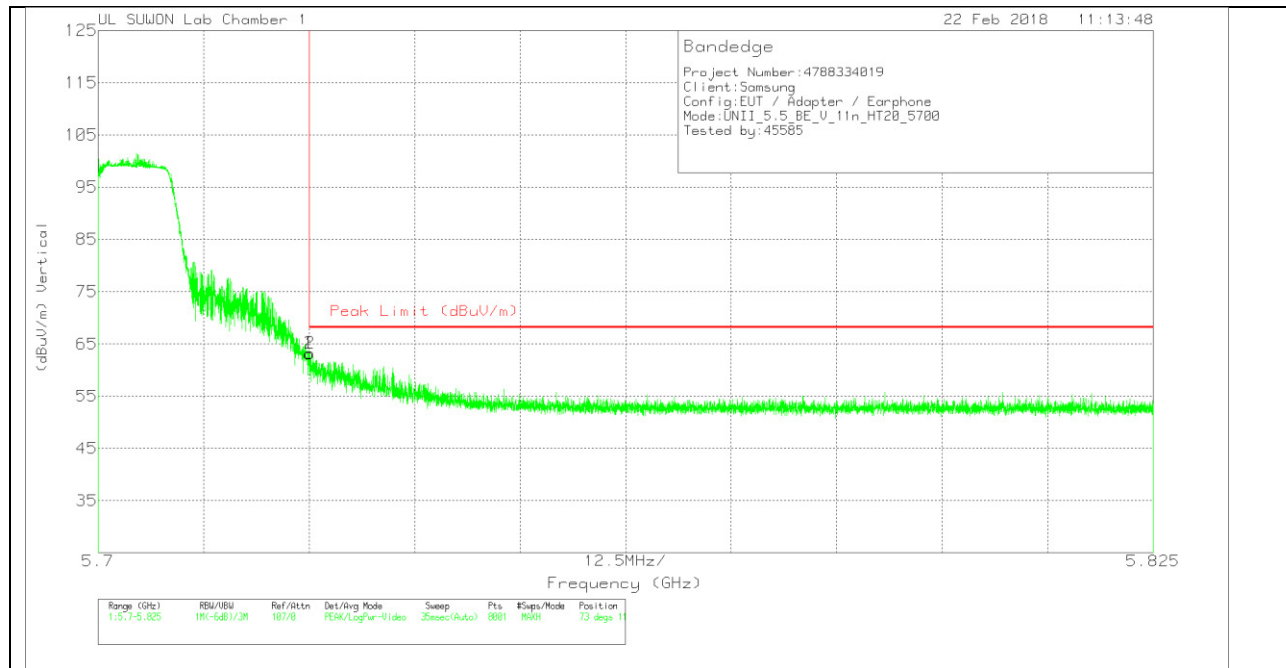
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_0 0168717	10dB_ATT(dB)_17 0809	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.25	Pk	34.4	-21.2	0	62.45	68.2	-5.75	52	301	H
2	5.727	49.59	Pk	34.4	-21.2	0	62.79	68.2	-5.41	52	301	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

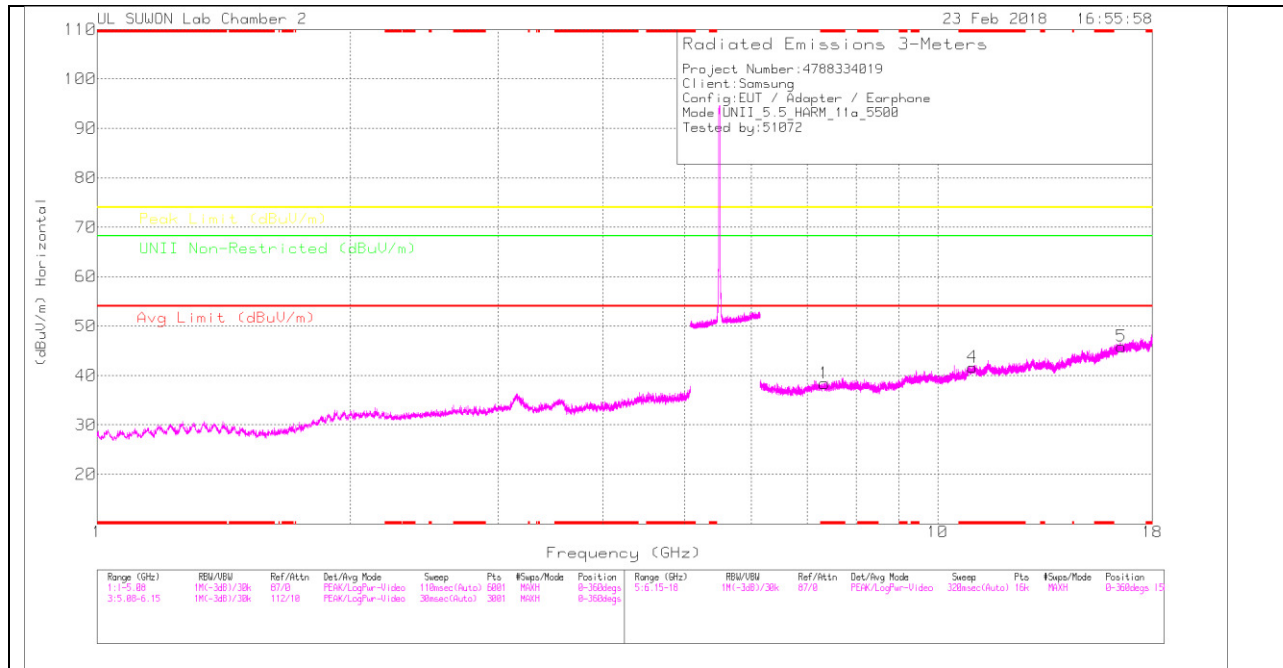
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_0 0168717	10dB_ATT(dB)_17 0809	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.95	Pk	34.4	-21.2	0	63.15	68.2	-5.05	73	111	V
2	5.725	50.04	Pk	34.4	-21.2	0	63.24	68.2	-4.96	73	111	V

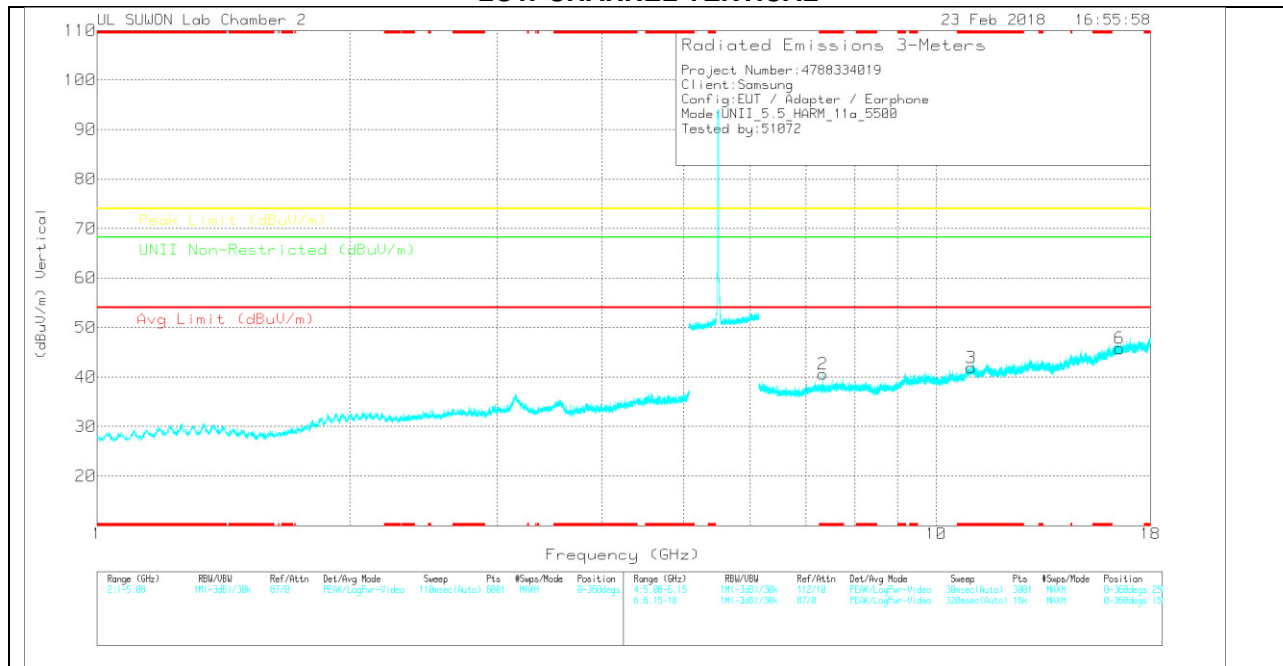
Pk - Peak detector

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	170531_3117(0010887-24)	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)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.334	23.2	PK	35.9	-20.7	0	38.4	-	-	74	-35.6	-	-	0-360	250	H
4	* 11.007	19.68	PK	38	-16	0	41.68	-	-	74	-32.32	-	-	0-360	150	H
5	16.549	19.49	PK	40.7	-14.3	0	45.89	-	-	-	-	68.2	-22.31	0-360	150	H
2	* 7.333	25.42	PK	35.9	-20.7	0	40.62	-	-	74	-33.38	-	-	0-360	150	V
3	* 11.008	19.98	PK	38	-16.1	0	41.88	-	-	74	-32.12	-	-	0-360	150	V
6	16.547	19.38	PK	40.7	-14.3	0	45.78	-	-	-	-	68.2	-22.42	0-360	250	V

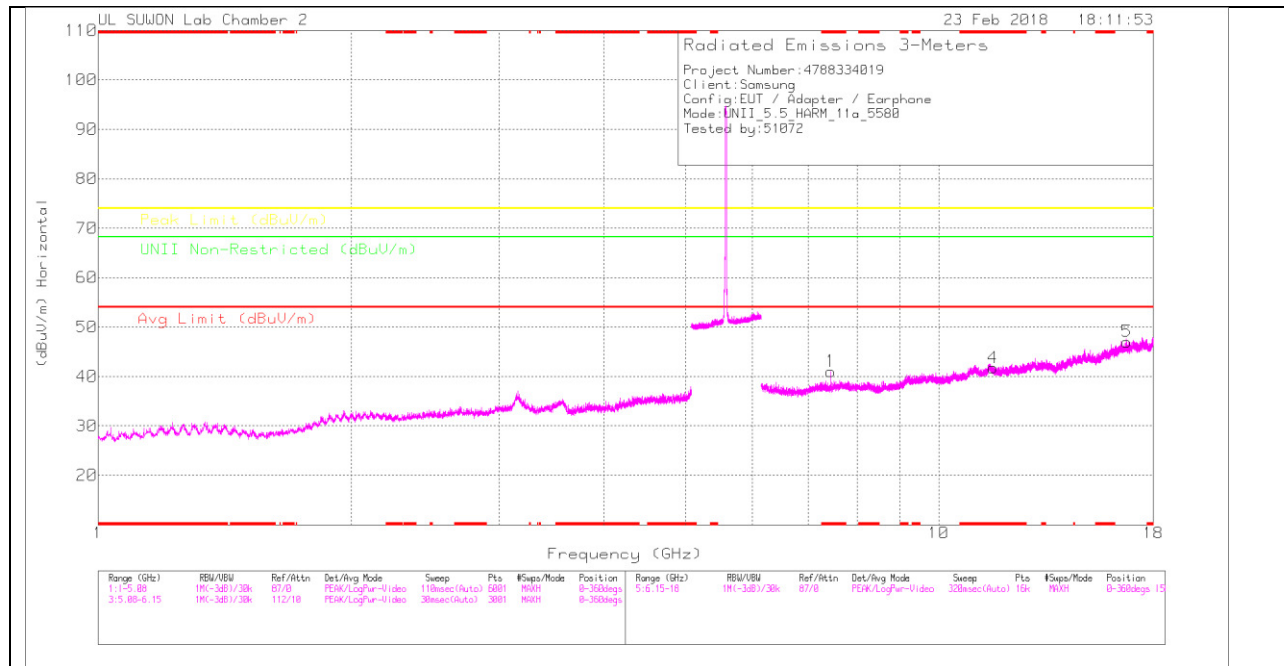
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

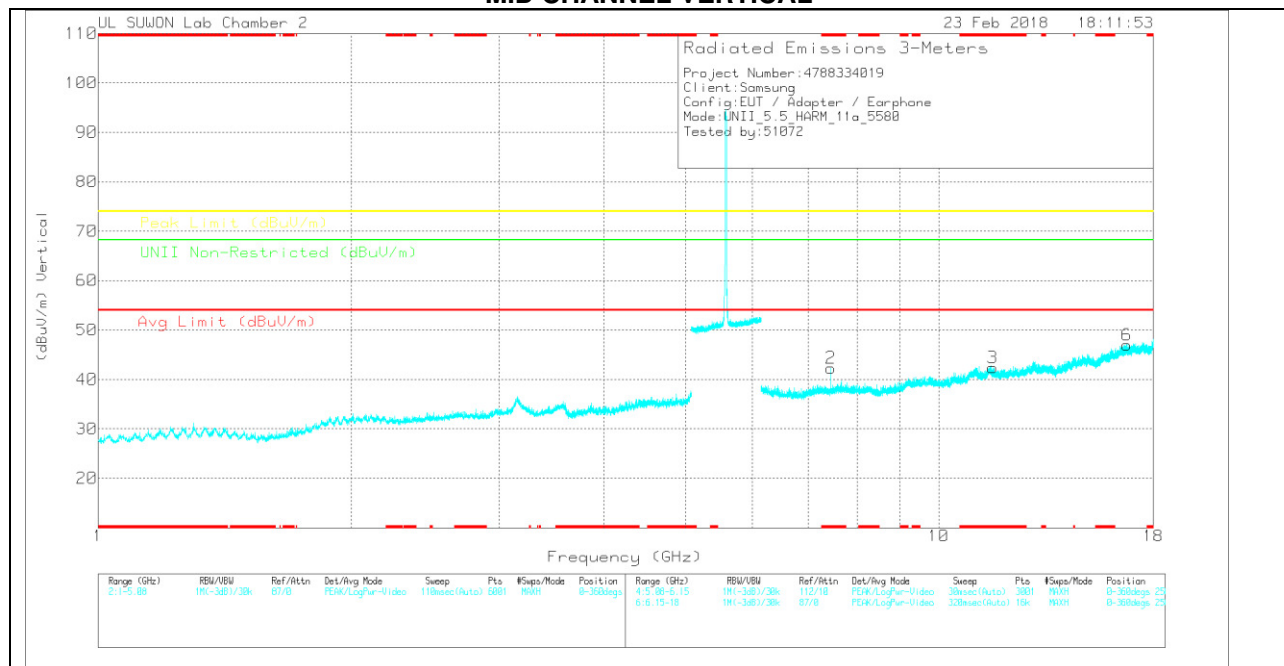
Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117(00108724)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 7.333	34.34	PK-U	35.9	-20.7	0	49.54	-	-	74	-24.46	-	-	206	124	H
* 7.333	22.91	ADR	35.9	-20.7	.12	38.23	54	-15.77	-	-	-	-	206	124	H
* 7.333	34.67	PK-U	35.9	-20.7	0	49.87	-	-	74	-24.13	-	-	352	256	V
* 7.333	23.88	ADR	35.9	-20.7	.12	39.2	54	-14.8	-	-	-	-	352	256	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	170531_3117[001887-24]	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	* 7.439	26.33	PK	35.9	-21.2	0	41.03	-	-	74	-32.97	-	-	0-360	150	H
4	* 11.596	19.36	PK	38.2	-15.8	0	41.76	-	-	74	-32.24	-	-	0-360	250	H
5	16.743	19.84	PK	40.9	-13.7	0	47.04	-	-	-	-	68.2	-21.16	0-360	150	H
2	* 7.439	27.59	PK	35.9	-21.2	0	42.29	-	-	74	-31.71	-	-	0-360	150	V
3	* 11.593	20.09	PK	38.2	-15.9	0	42.39	-	-	74	-31.61	-	-	0-360	150	V
6	16.744	19.68	PK	40.9	-13.6	0	46.98	-	-	-	-	68.2	-21.22	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

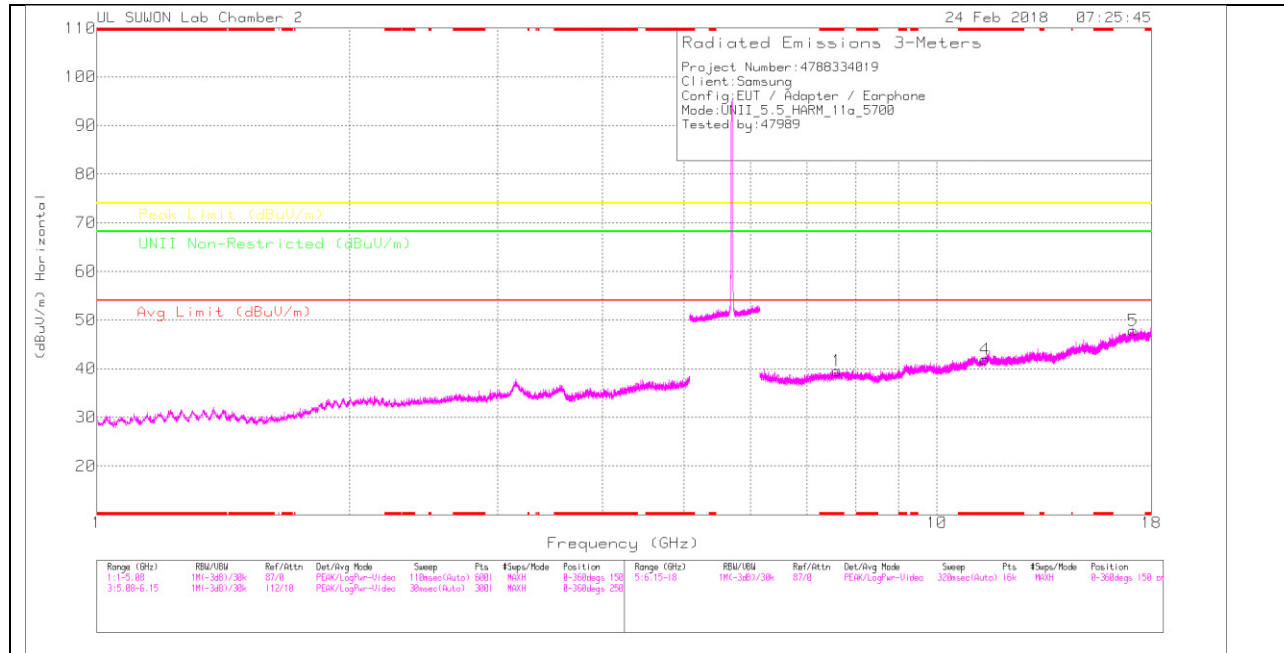
Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117[0018724]	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 7.44	35.38	PK-U	35.9	-21.2	0	50.08	-	-	74	-23.92	-	-	210	128	H
* 7.44	26.36	ADR	35.9	-21.2	.12	41.18	54	-12.82	-	-	-	-	210	128	H
* 7.44	36.01	PK-U	35.9	-21.2	0	50.71	-	-	74	-23.29	-	-	360	143	V
* 7.44	26.9	ADR	35.9	-21.2	.12	41.72	54	-12.28	-	-	-	-	360	143	V

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

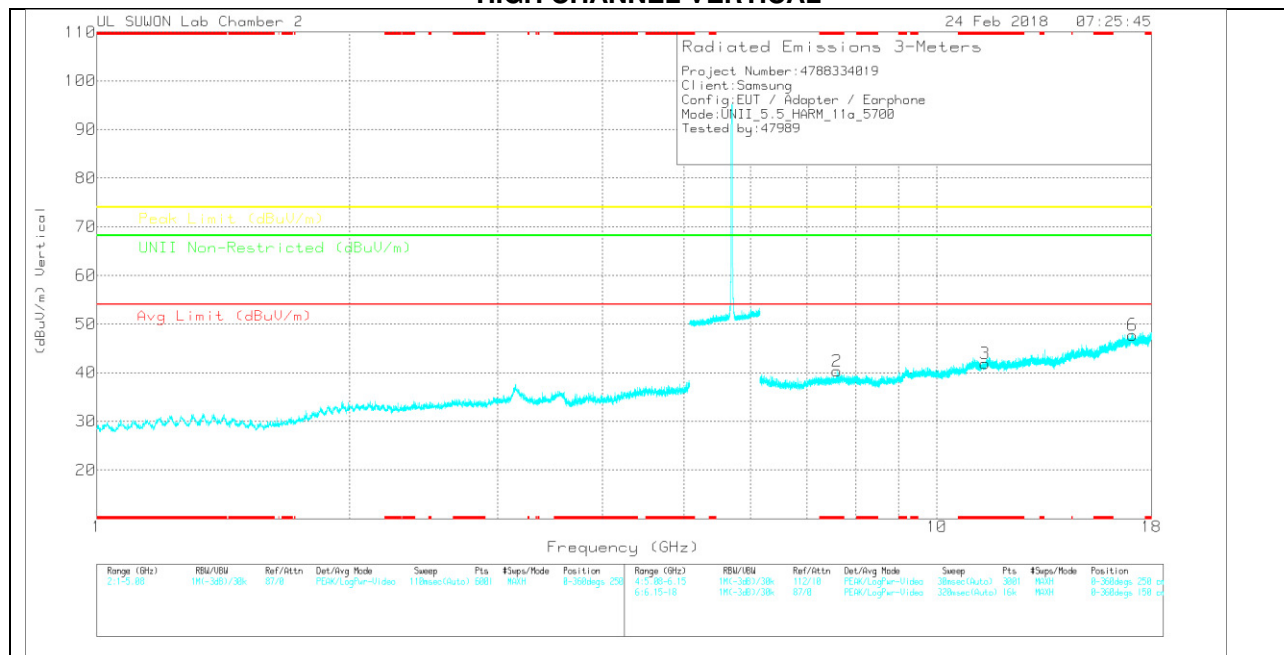
PK-U - U-NII: Maximum Peak

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

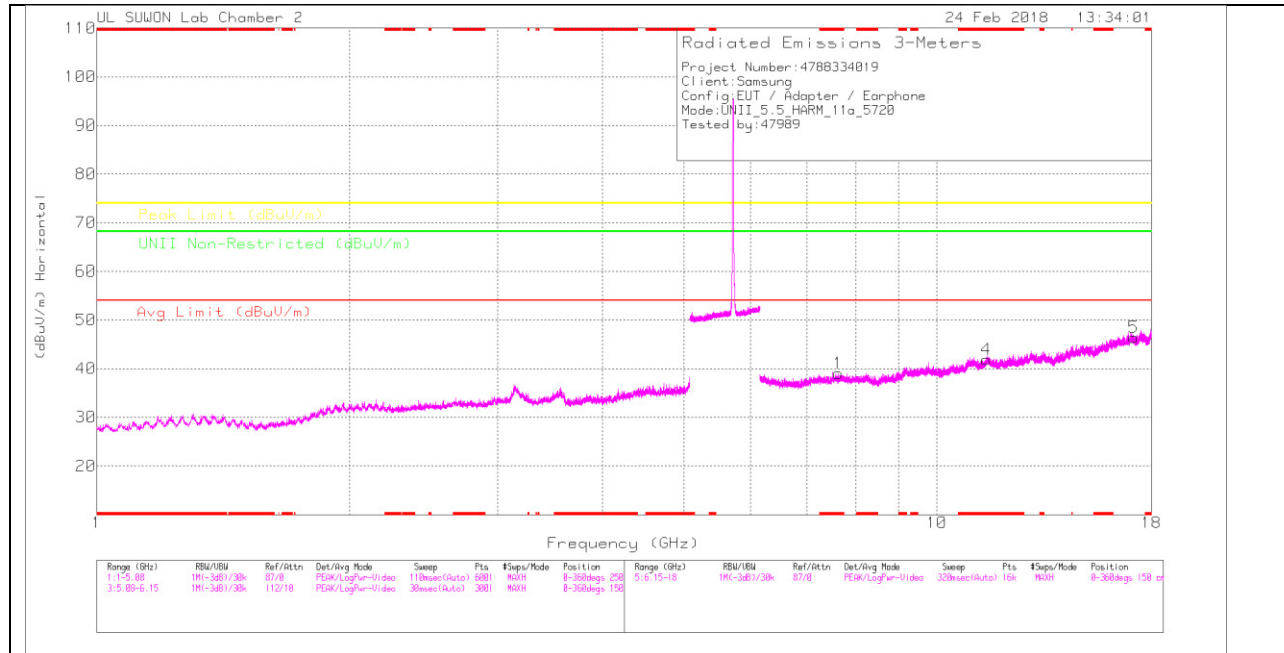
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170331_3117001687 24]	50Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.6	24.13	PK	35.8	-20.4	0	39.53	-	-	74	-34.47	-	-	0-360	150	H
4	* 11.401	19.46	PK	38.1	-15.7	0	41.86	-	-	74	-32.14	-	-	0-360	250	H
5	17.106	20.04	PK	41.3	-13.5	0	47.84	-	-	-	-	68.2	-20.36	0-360	250	H
2	* 7.599	24.92	PK	35.8	-20.4	0	40.32	-	-	74	-33.68	-	-	0-360	250	V
3	* 11.403	19.48	PK	38.1	-15.7	0	41.88	-	-	74	-32.12	-	-	0-360	250	V
6	17.1	19.96	PK	41.3	-13.5	0	47.76	-	-	-	-	68.2	-20.44	0-360	150	V

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

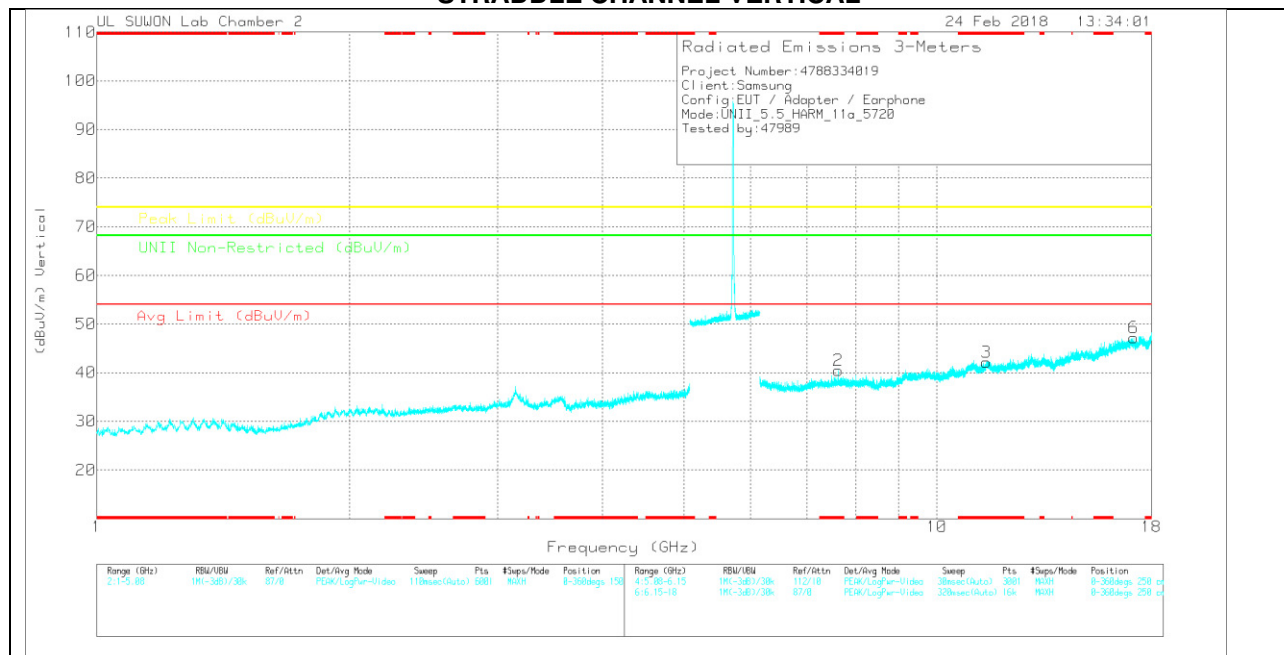
PK – Peak detector

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

STRADDLE CHANNEL HORIZONTAL



STRADDLE 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.

STRADDLE CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	170531_3117001007 24]	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unid Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.626	23.57	PK	35.8	-20.3	0	39.07	-	-	74	-34.93	-	-	0-360	150	H
4	* 11.445	19.73	PK	38.1	-15.9	0	41.93	-	-	74	-32.07	-	-	0-360	250	H
5	17.156	18.46	PK	41.4	-13.5	0	46.36	-	-	-	-	68.2	-21.84	0-360	250	H
2	* 7.626	24.99	PK	35.8	-20.3	0	40.49	-	-	74	-33.51	-	-	0-360	150	V
3	* 11.445	19.95	PK	38.1	-15.9	0	42.15	-	-	74	-31.85	-	-	0-360	150	V
6	17.139	19.35	PK	41.4	-13.6	0	47.15	-	-	-	-	68.2	-21.05	0-360	150	V

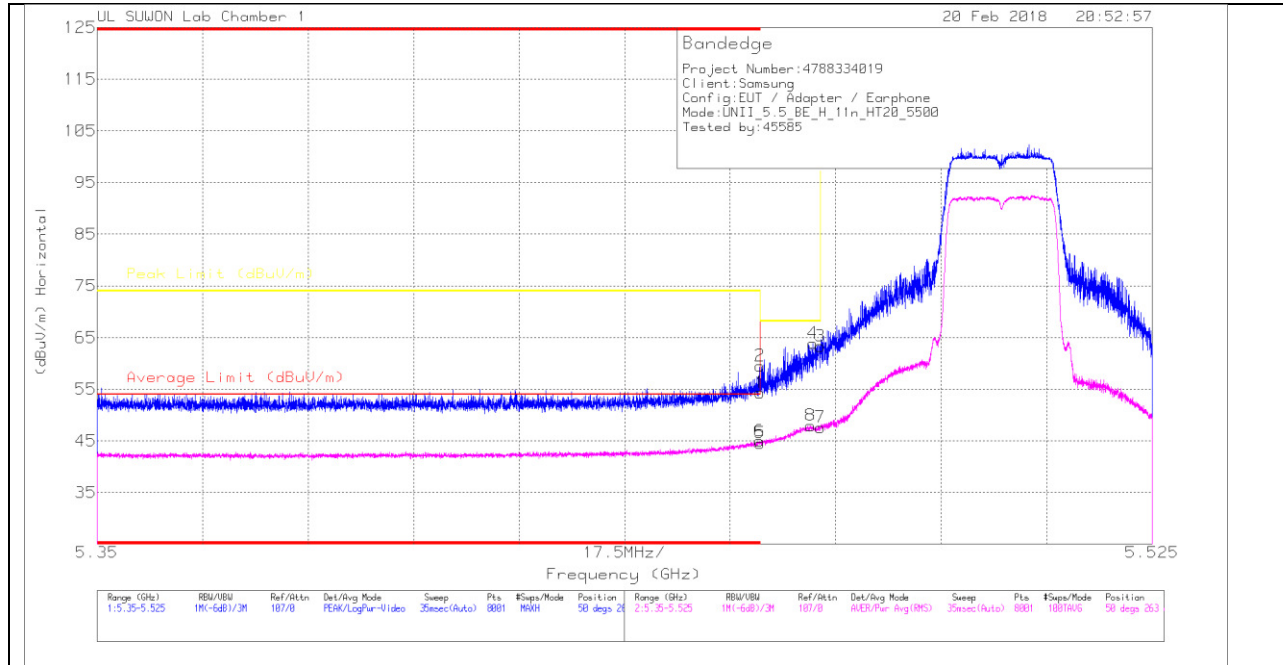
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

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

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

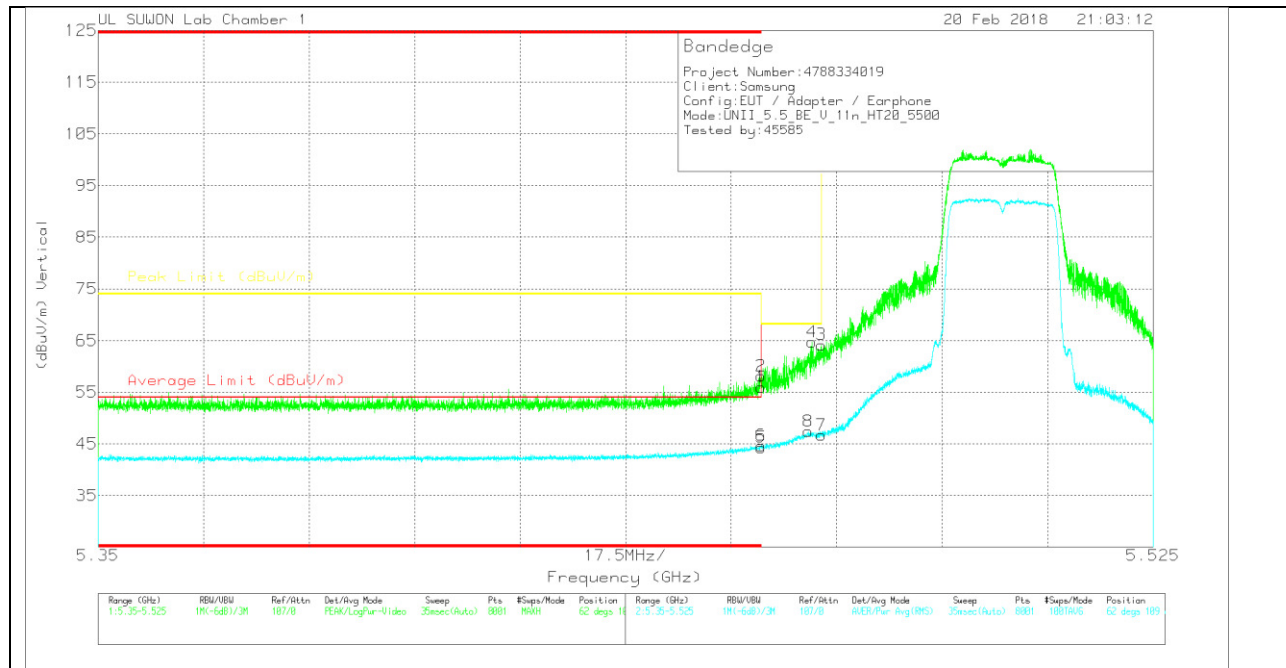
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.54	Pk	34.3	-21.5	0	54.34	-	-	74	-19.66	50	263	H
2	* 5.46	46.73	Pk	34.3	-21.5	0	59.53	-	-	74	-14.47	50	263	H
3	5.47	50.53	Pk	34.3	-21.5	0	63.33	-	-	68.2	-4.87	50	263	H
4	5.469	51.19	Pk	34.3	-21.6	0	63.89	-	-	68.2	-4.31	50	263	H
5	* 5.46	31.65	RMS	34.3	-21.5	.13	44.58	54	-9.42	-	-	50	263	H
6	* 5.46	32.05	RMS	34.3	-21.5	.13	44.98	54	-9.02	-	-	50	263	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	* 5.46	43.19	Pk	34.3	-21.5	0	55.99	-	-	74	-18.01	62	109	V
2	* 5.46	45.33	Pk	34.3	-21.5	0	58.13	-	-	74	-15.87	62	109	V
3	5.47	51.38	Pk	34.3	-21.5	0	64.18	-	-	68.2	-4.02	62	109	V
4	5.468	52.03	Pk	34.3	-21.6	0	64.73	-	-	68.2	-3.47	62	109	V
5	* 5.46	31.41	RMS	34.3	-21.5	.13	44.34	54	-9.66	-	-	62	109	V
6	* 5.46	31.77	RMS	34.3	-21.5	.13	44.7	54	-9.3	-	-	62	109	V

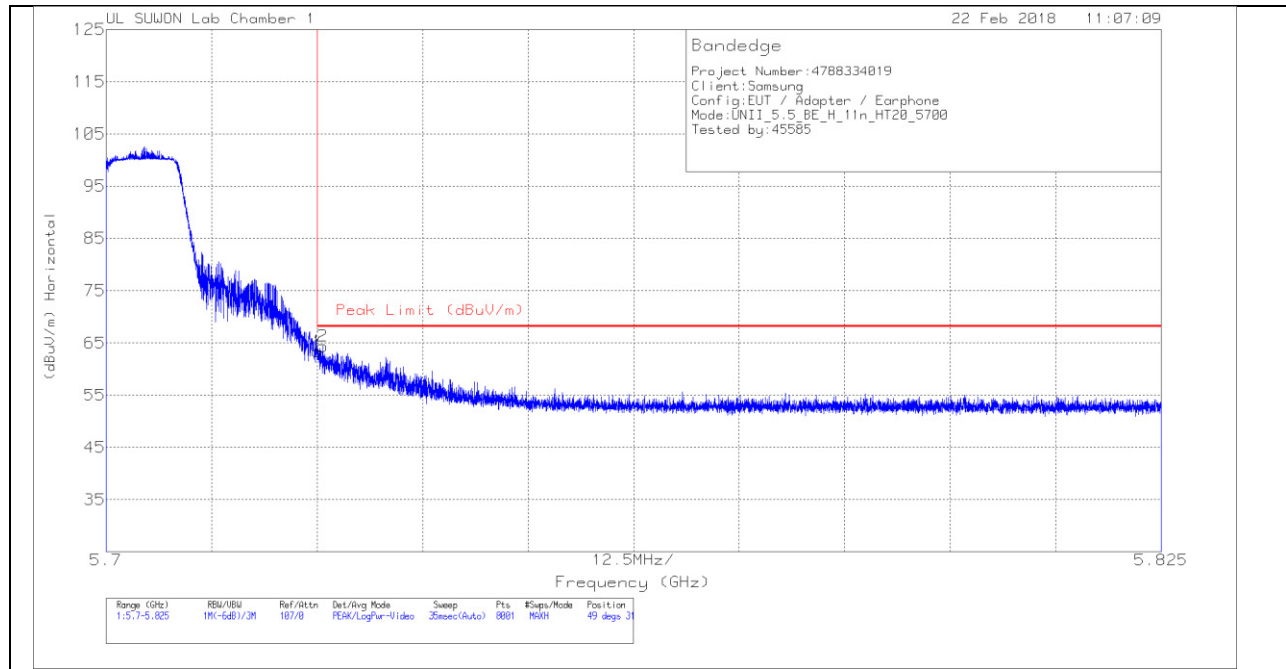
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



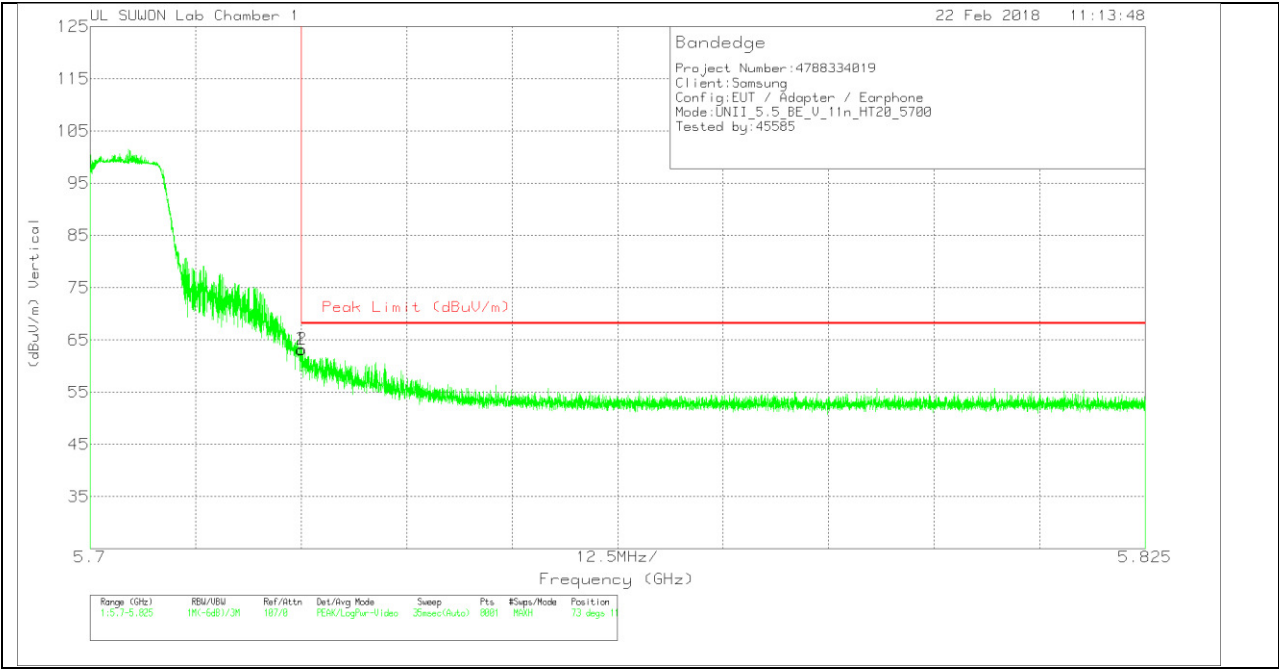
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_0 0168717	10dB_ATT(dB)_17 0809	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	50.14	Pk	34.4	-21.2	0	63.34	68.2	-4.86	49	314	H
2	5.726	51.16	Pk	34.4	-21.2	0	64.36	68.2	-3.84	49	314	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

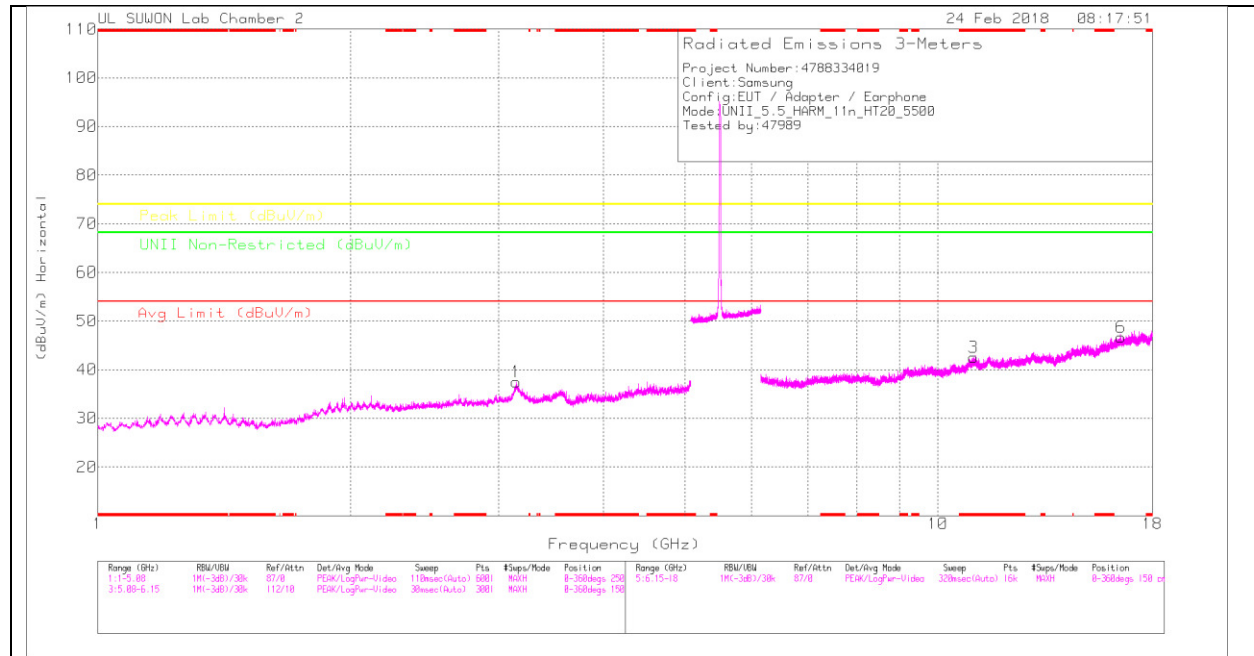
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_0 0168717	10dB_ATT(dB)_17 0809	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.95	Pk	34.4	-21.2	0	63.15	68.2	-5.05	73	111	V
2	5.725	50.04	Pk	34.4	-21.2	0	63.24	68.2	-4.96	73	111	V

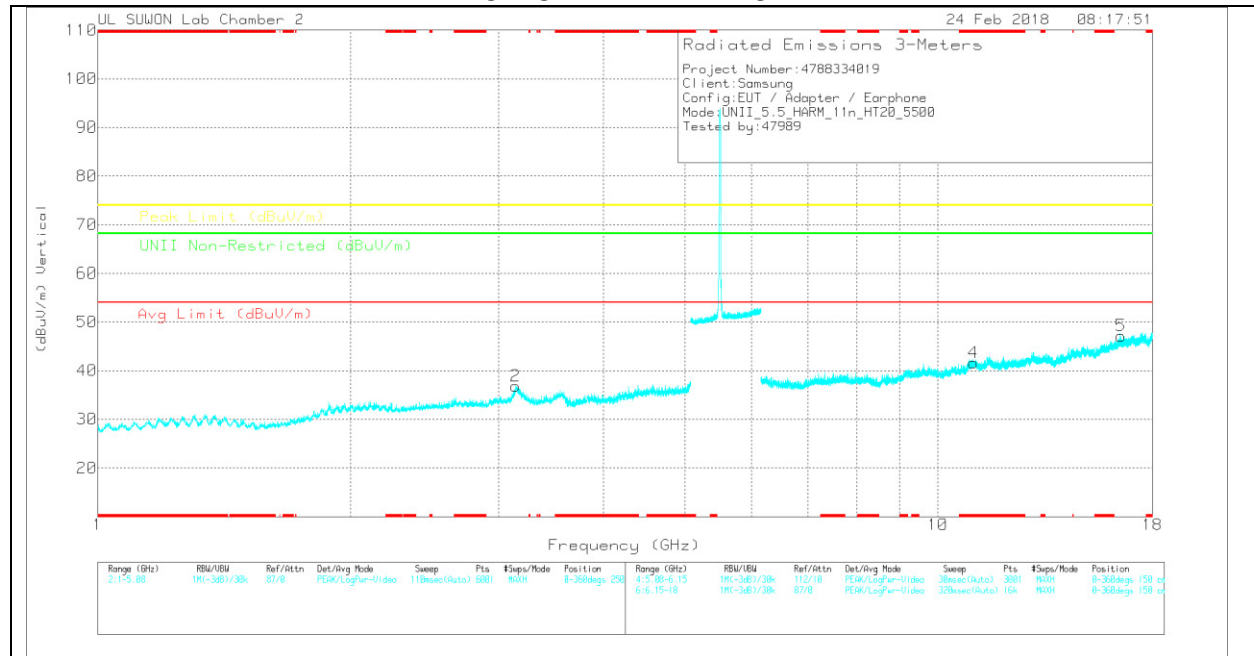
Pk - Peak detector

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

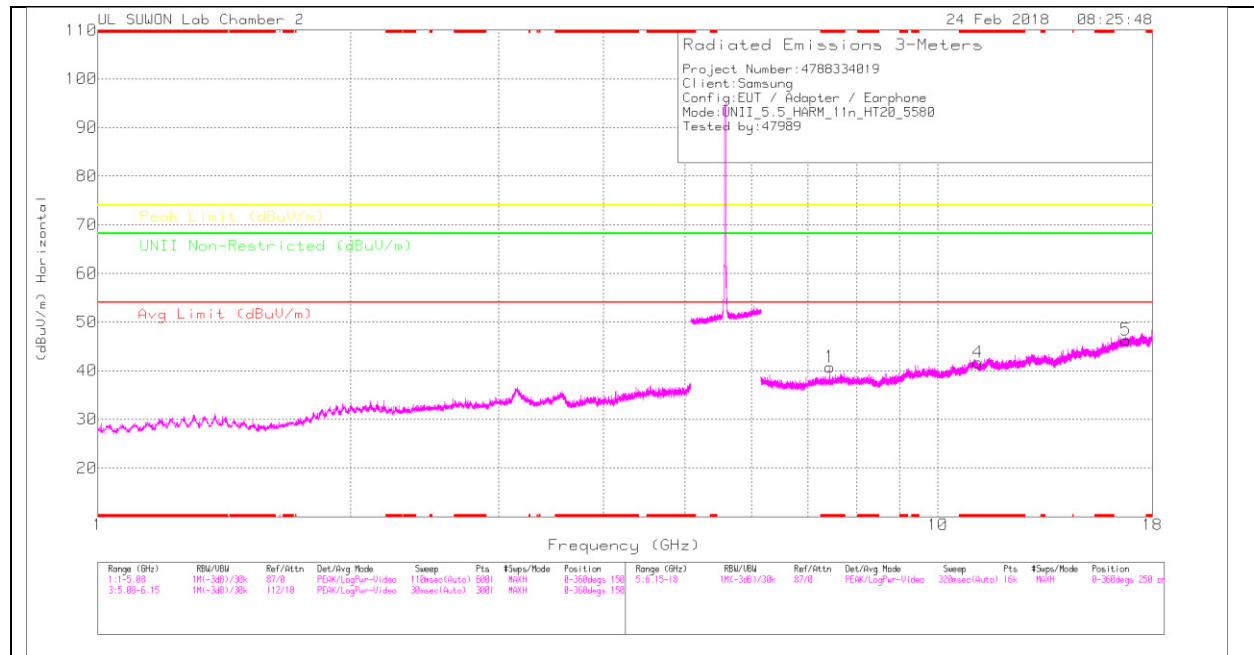
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117003887 24)	5GHz_1P(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.146	28.99	PK	34.7	-26.2	0	37.49	-	-	-	-	68.2	-30.71	0-360	150	H
2	3.144	28.38	PK	34.6	-26.2	0	36.78	-	-	-	-	68.2	-31.42	0-360	250	V
3	* 11.024	20.67	PK	38	-16.2	0	42.47	-	-	74	-31.53	-	-	0-360	250	H
6	16.505	20.33	PK	40.7	-14.4	0	46.63	-	-	-	-	68.2	-21.57	0-360	150	H
4	* 11.03	19.93	PK	37.9	-16.2	0	41.63	-	-	74	-32.37	-	-	0-360	250	V
5	16.505	20.82	PK	40.7	-14.4	0	47.12	-	-	-	-	68.2	-21.08	0-360	250	V

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

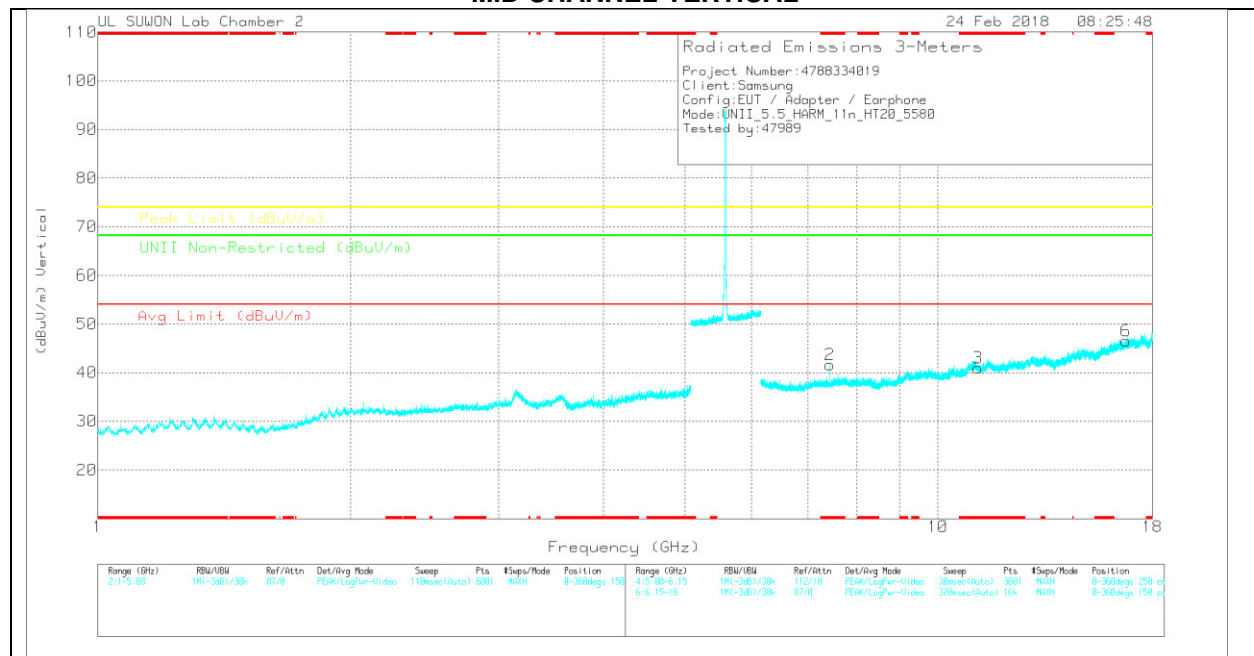
PK – Peak detector

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

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	170531_3117(001887-24)	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	* 7.44	26.08	PK	35.9	-21.2	0	40.78	-	-	74	-33.22	-	-	0-360	250	H
4	* 11.15	19.99	PK	37.9	-16.2	0	41.69	-	-	74	-32.31	-	-	0-360	250	H
5	16.73	19.24	PK	40.9	-13.8	0	46.34	-	-	-	-	68.2	-21.86	0-360	250	H
2	* 7.439	26.96	PK	35.9	-21.2	0	41.66	-	-	74	-32.34	-	-	0-360	250	V
3	* 11.164	19.41	PK	37.9	-16.3	0	41.01	-	-	74	-32.99	-	-	0-360	150	V
6	16.748	19.25	PK	40.9	-13.6	0	46.55	-	-	-	-	68.2	-21.65	0-360	150	V

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

PK – Peak detector

Radiated Emissions

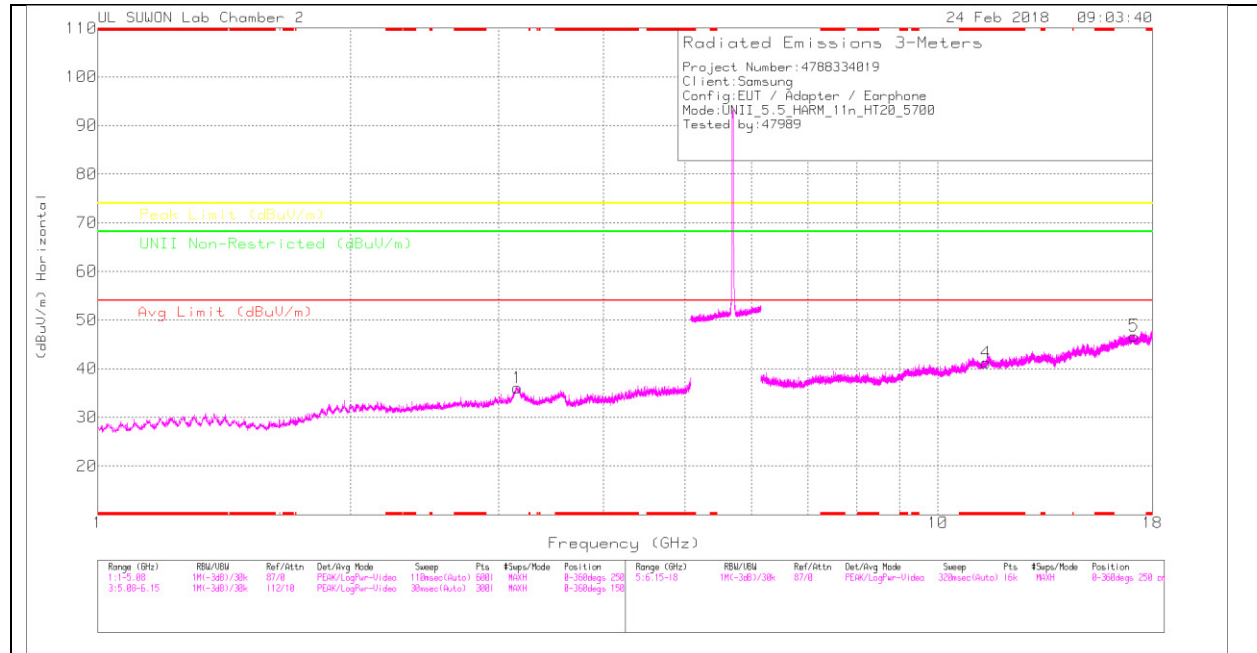
Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117(0018724)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 7.44	35.86	PK-U	35.9	-21.2	0	50.56	-	-	74	-23.44	-	-	319	101	H
* 7.44	26.66	ADR	35.9	-21.2	.13	41.49	54	-12.51	-	-	-	-	319	101	H
* 7.44	36.27	PK-U	35.9	-21.2	0	50.97	-	-	74	-23.03	-	-	98	265	V
* 7.44	27.73	ADR	35.9	-21.2	.13	42.56	54	-11.44	-	-	-	-	98	265	V

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

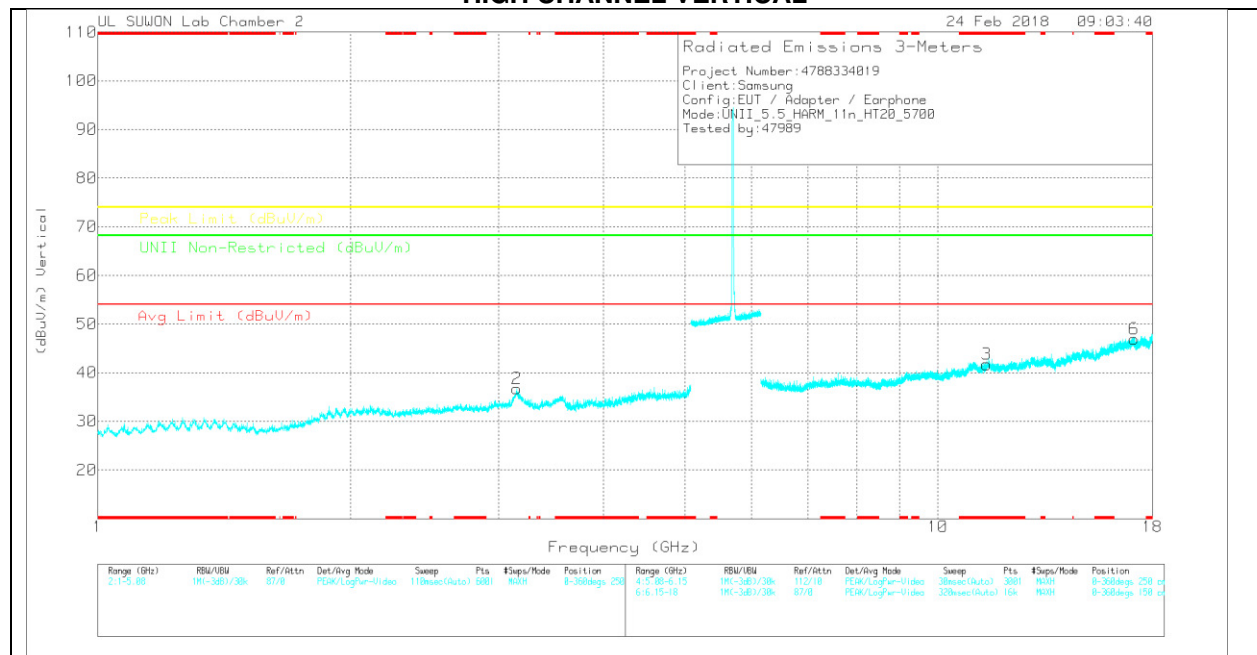
PK-U - U-NII: Maximum Peak

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

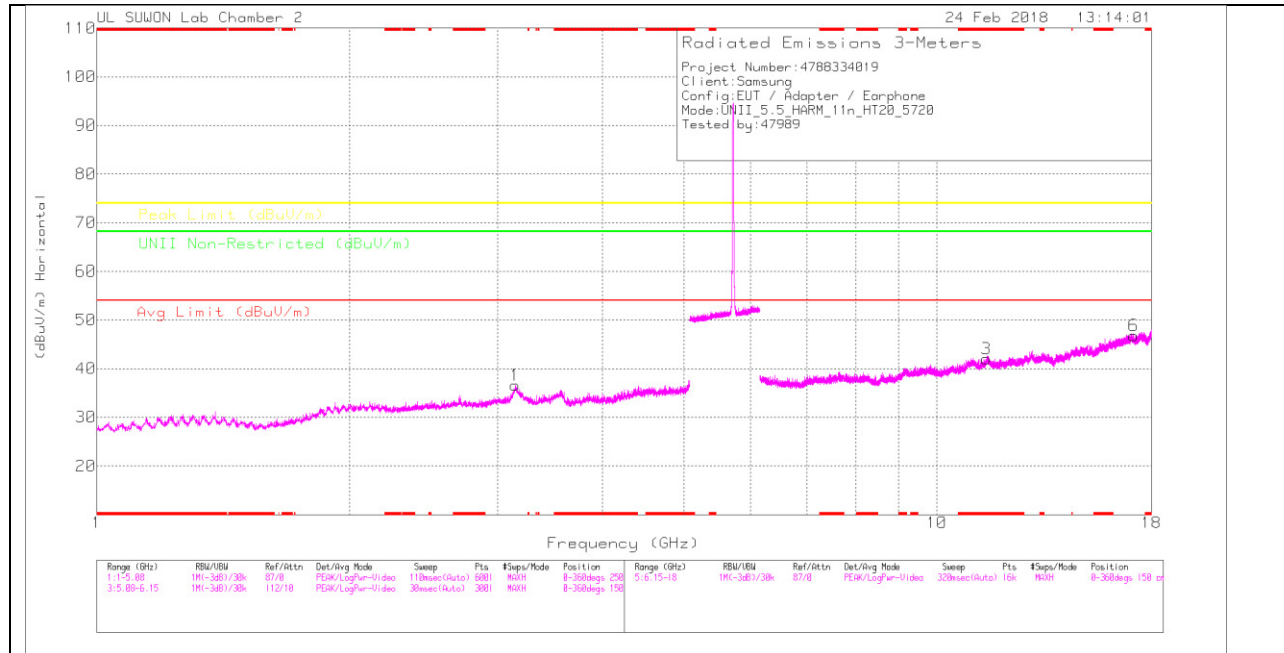
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170331_3117001687 24	5GHz_LP(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 (m)	Polarity
1	3.16	27.45	PK	34.6	-26	0	36.05	-	-	-	-	68.2	-32.15	0-360	250	H
2	3.154	27.88	PK	34.8	-26	0	36.68	-	-	-	-	68.2	-31.52	0-360	250	V
4	* 11.417	18.98	PK	38.1	-15.8	0	41.28	-	-	74	-32.72	-	-	0-360	150	H
5	17.114	18.93	PK	41.3	-13.5	0	46.73	-	-	-	-	68.2	-21.47	0-360	250	H
3	* 11.424	19.39	PK	38.1	-15.8	0	41.69	-	-	74	-32.31	-	-	0-360	250	V
6	17.115	19.16	PK	41.3	-13.5	0	46.96	-	-	-	-	68.2	-21.24	0-360	150	V

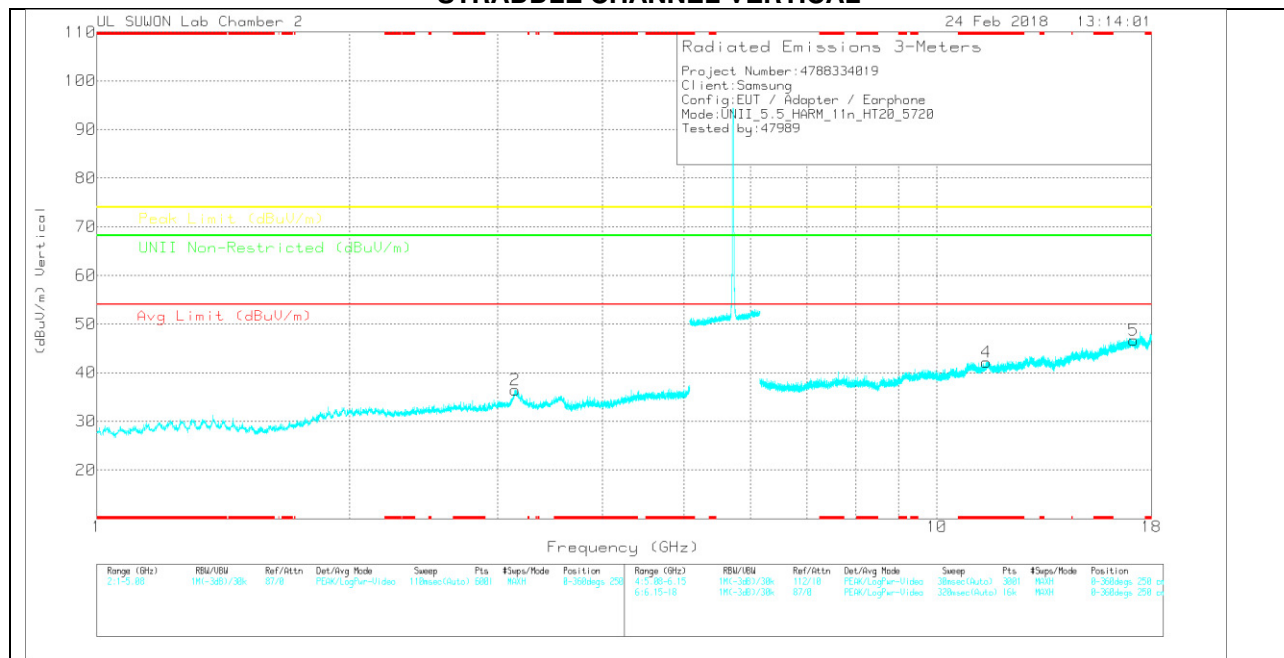
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

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

STRADDLE CHANNEL HORIZONTAL



STRADDLE 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.

STRADDLE CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170331_31170016872 4)	5GHz_LF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	ULB Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.149	28	PK	34.8	-26.2	0	36.6	-	-	-	-	68.2	-31.6	0-360	150	H
2	3.148	27.8	PK	34.8	-26.2	0	36.4	-	-	-	-	68.2	-31.8	0-360	150	V
3	* 11.452	19.8	PK	38.1	-15.9	0	42	-	-	74	-32	-	-	0-360	250	H
6	17.147	18.95	PK	41.4	-13.5	0	46.85	-	-	-	-	68.2	-21.35	0-360	150	H
4	* 11.451	19.98	PK	38.1	-15.9	0	42.18	-	-	74	-31.82	-	-	0-360	250	V
5	17.15	18.61	PK	41.4	-13.4	0	46.61	-	-	-	-	68.2	-21.59	0-360	250	V

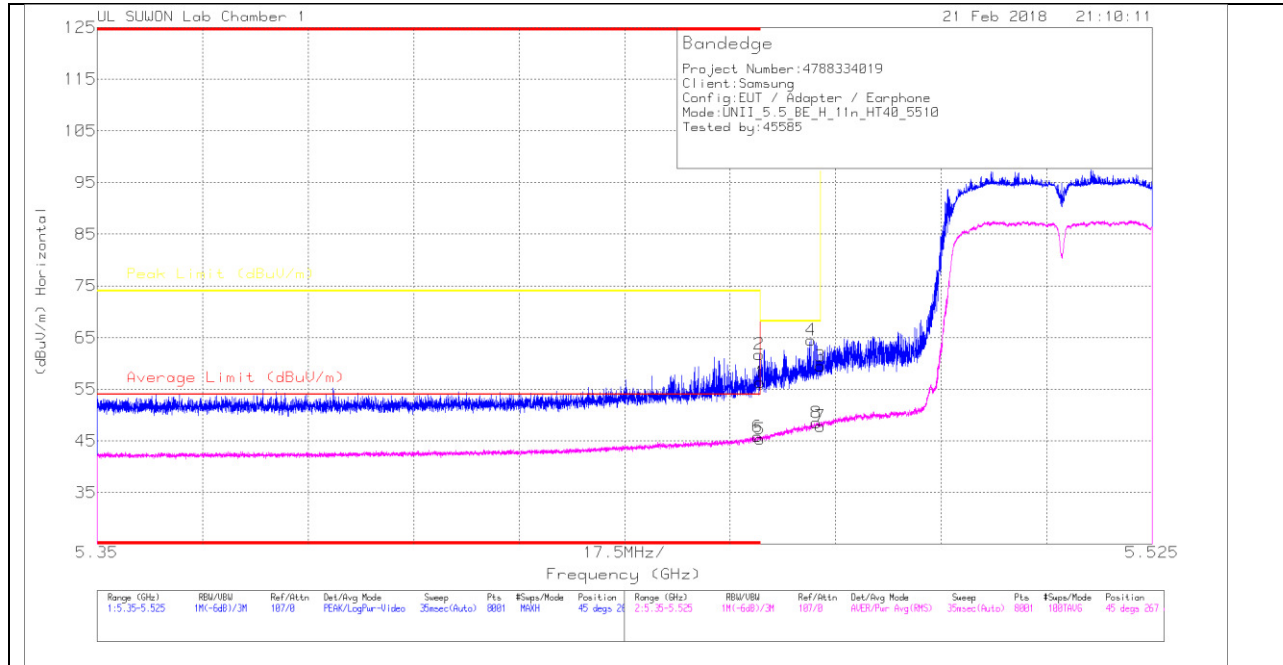
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

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

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

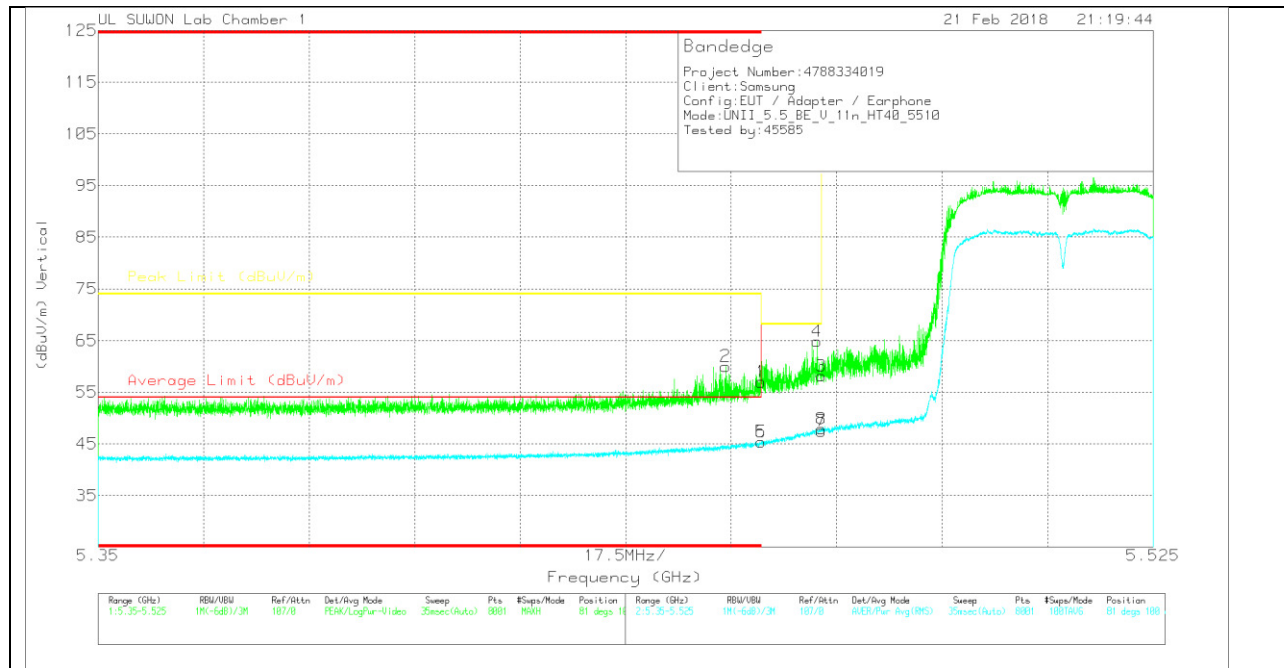
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	43.53	Pk	34.3	-21.5	0	56.33	-	-	74	-17.67	45	267	H
2	* 5.46	48.94	Pk	34.3	-21.5	0	61.74	-	-	74	-12.26	45	267	H
3	5.47	46.69	Pk	34.3	-21.5	0	59.49	-	-	68.2	-8.71	45	267	H
4	5.468	51.8	Pk	34.3	-21.6	0	64.5	-	-	68.2	-3.7	45	267	H
5	* 5.46	32.32	RMS	34.3	-21.5	.24	45.36	54	-8.64	-	-	45	267	H
6	* 5.46	32.82	RMS	34.3	-21.5	.24	45.86	54	-8.14	-	-	45	267	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	* 5.46	44.21	Pk	34.3	-21.5	0	57.01	-	-	74	-16.99	81	100	V
2	* 5.454	47.22	Pk	34.3	-21.5	0	60.02	-	-	74	-13.98	81	100	V
3	5.47	45.34	Pk	34.3	-21.5	0	58.14	-	-	68.2	-10.06	81	100	V
4	5.469	52.13	Pk	34.3	-21.6	0	64.83	-	-	68.2	-3.37	81	100	V
5	* 5.46	32.37	RMS	34.3	-21.5	.24	45.41	54	-8.59	-	-	81	100	V
6	* 5.46	32.38	RMS	34.3	-21.5	.24	45.42	54	-8.58	-	-	81	100	V

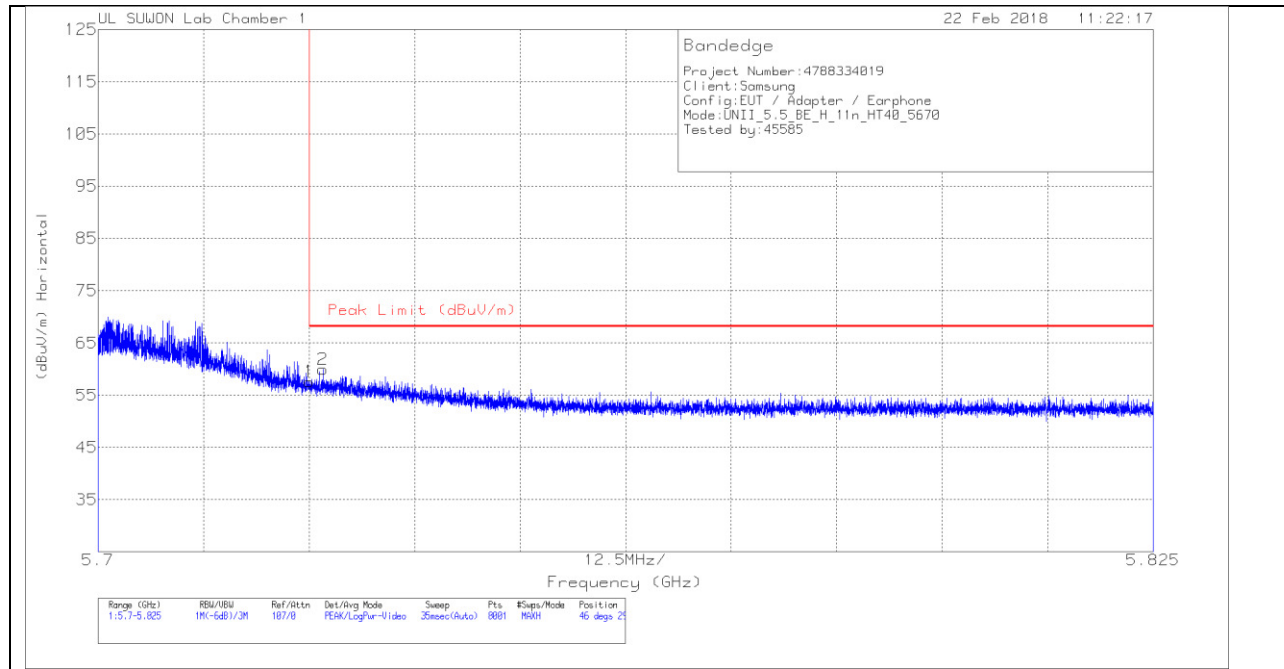
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



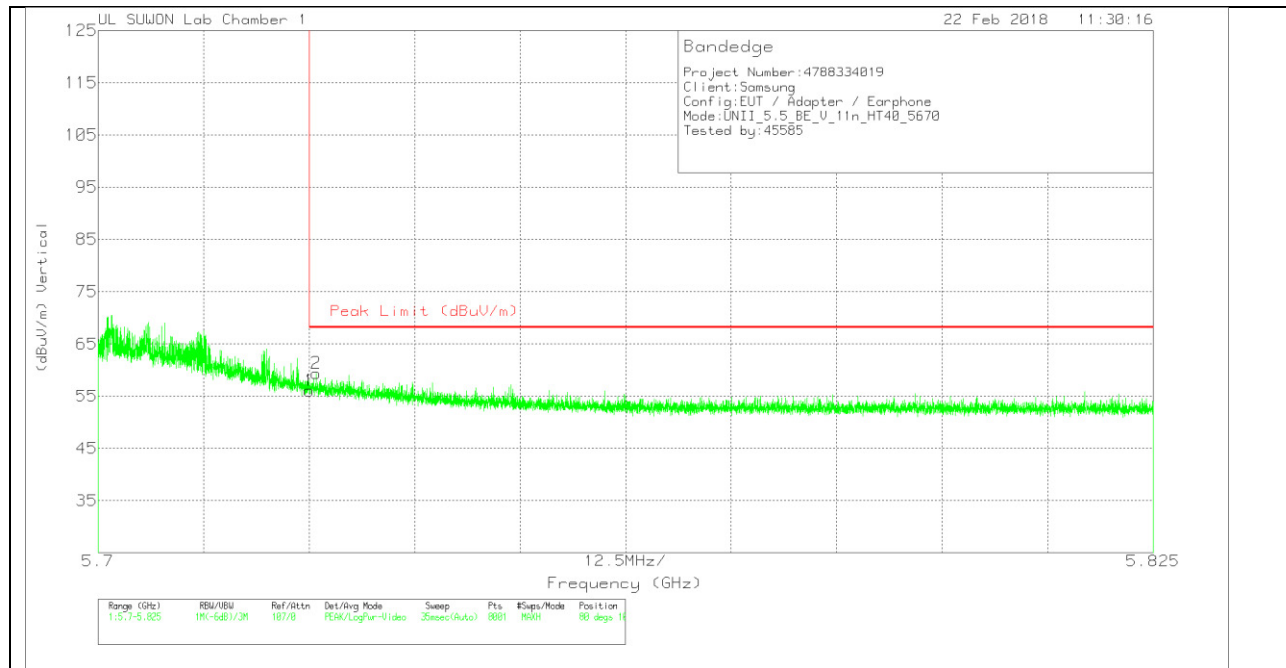
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_0 0168717	10dB_ATT(dB)_17 0809	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.38	Pk	34.4	-21.2	0	57.58	68.2	-10.62	46	299	H
2	5.727	46.75	Pk	34.4	-21.2	0	59.95	68.2	-8.25	46	299	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

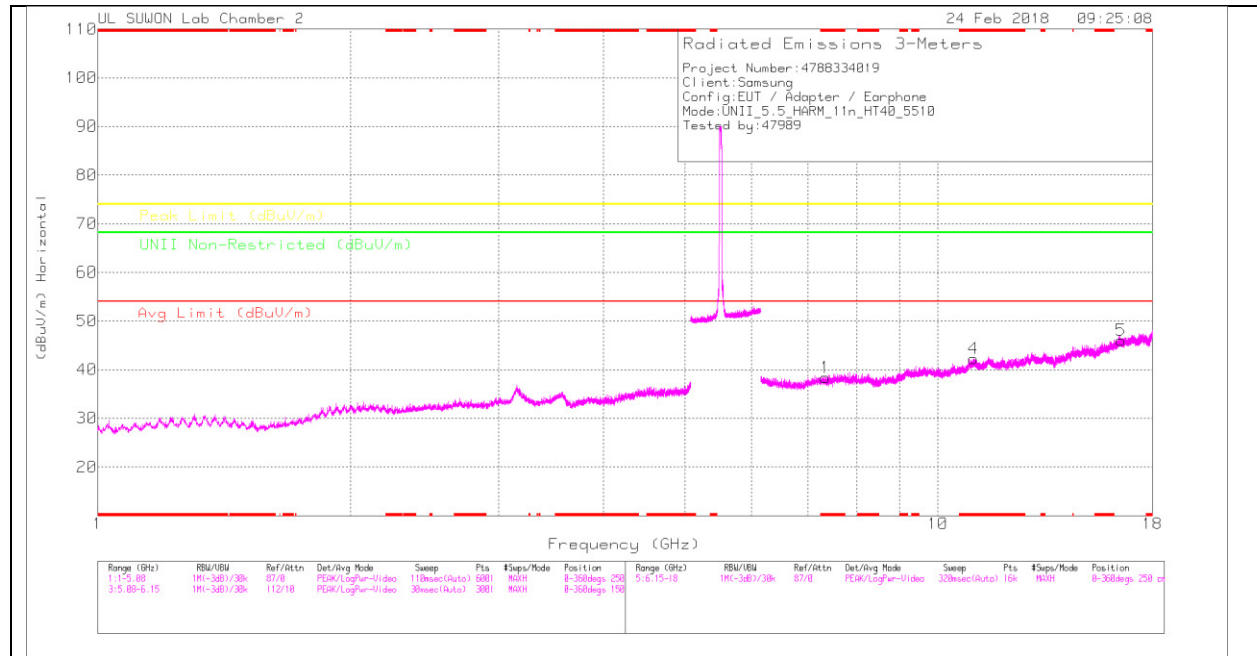
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	10dB_ATT(dB)_1708 09	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.86	Pk	34.4	-21.2	56.06	68.2	-12.14	80	107	V
2	5.726	46.18	Pk	34.4	-21.2	59.38	68.2	-8.82	80	107	V

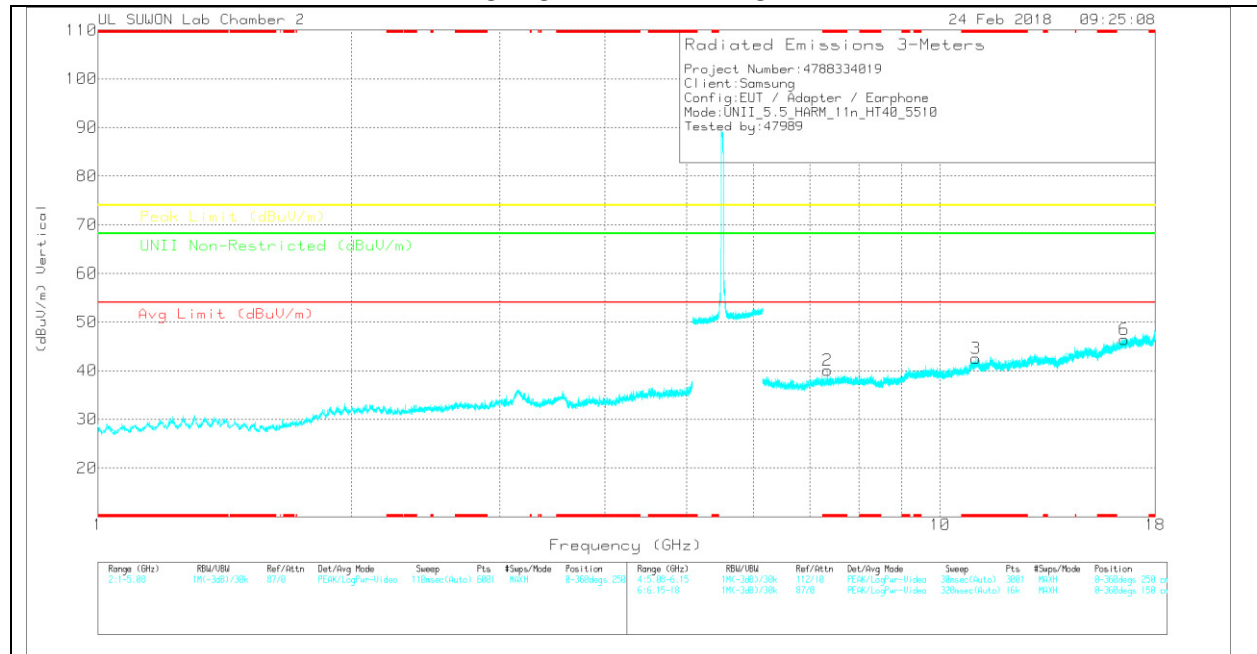
Pk - Peak detector

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

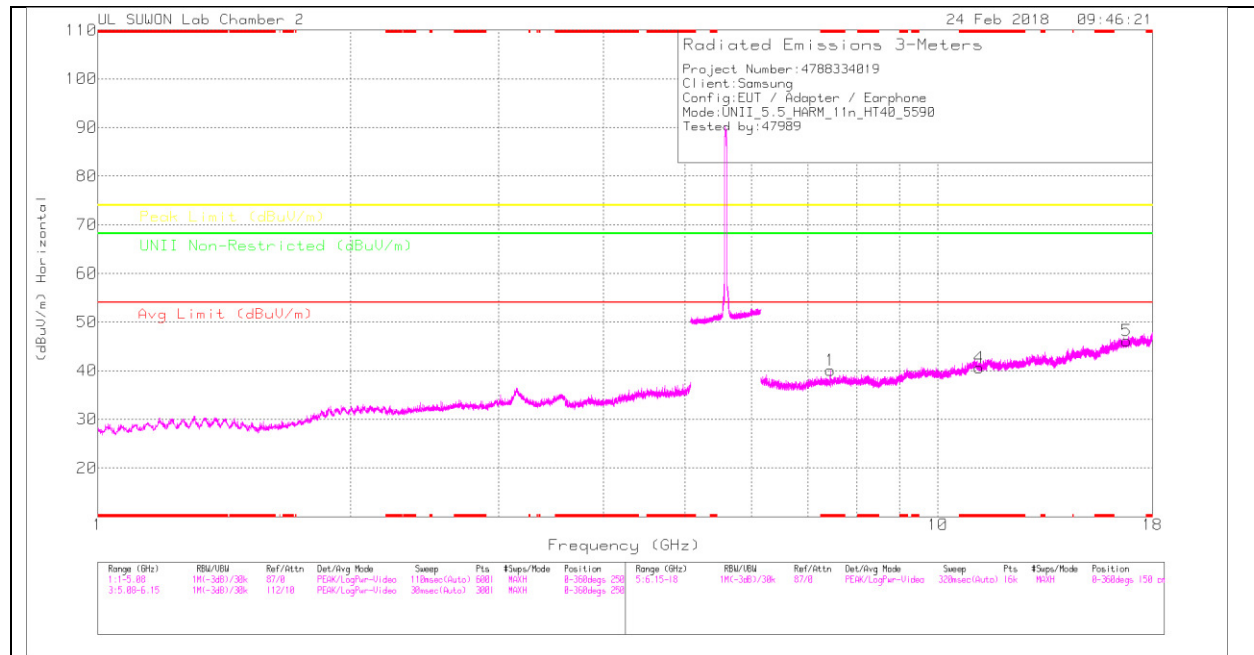
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117001007 24]	50Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unli Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.346	23.24	PK	35.9	-20.7	0	38.44	-	-	74	-35.56	-	-	0-360	250	H
4	* 11.016	20.4	PK	38	-16.1	0	42.3	-	-	74	-31.7	-	-	0-360	250	H
5	16.524	19.71	PK	40.7	-14.4	0	46.01	-	-	-	-	68.2	-22.19	0-360	150	H
2	* 7.347	24.9	PK	35.9	-20.7	0	40.1	-	-	74	-33.9	-	-	0-360	250	V
3	* 11.017	20.58	PK	38	-16.1	0	42.48	-	-	74	-31.52	-	-	0-360	250	V
6	16.528	19.95	PK	40.7	-14.3	0	46.35	-	-	-	-	68.2	-21.85	0-360	250	V

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

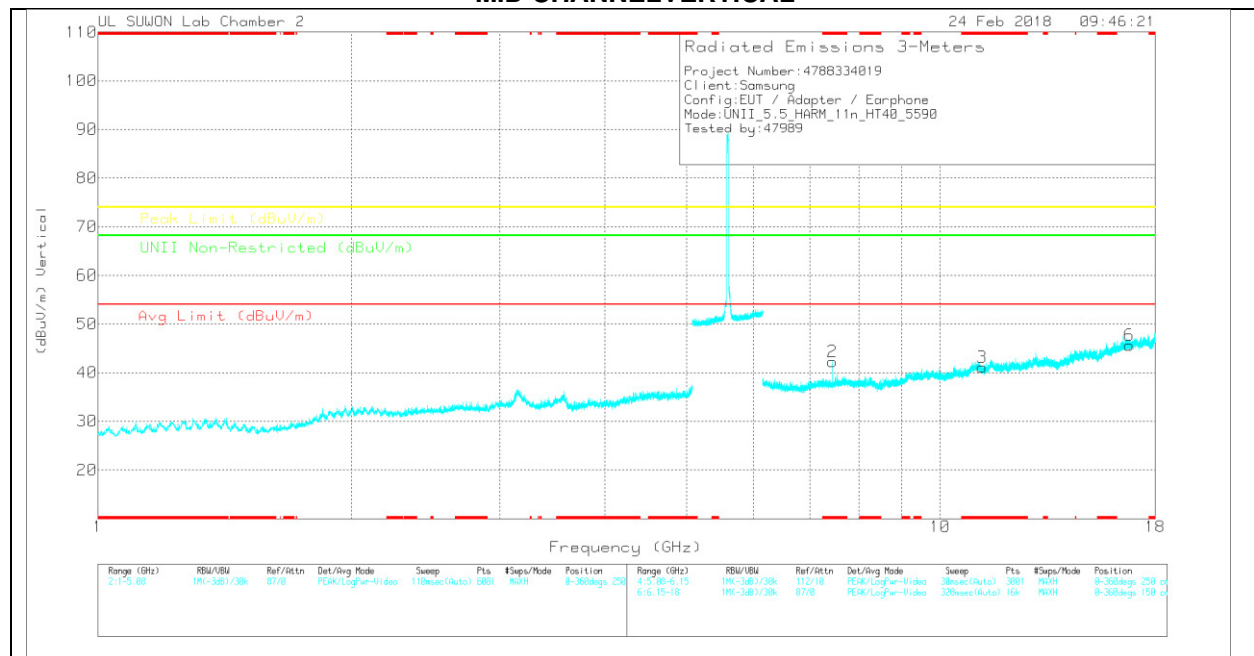
PK – Peak detector

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)	Meter Reading (dBuV)	Det	170531_3117[001887-24]	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)	Asimuth (Degs)	Height (cm)	Polarity
1	* 7.453	25.35	PK	35.9	-21.2	0	40.05	-	-	74	-33.95	-	-	0-360	250	H
4	* 11.193	18.97	PK	37.9	-16.3	0	40.57	-	-	74	-33.43	-	-	0-360	150	H
5	16.763	18.84	PK	40.9	-13.6	0	46.14	-	-	-	-	68.2	-22.06	0-360	150	H
2	* 7.453	27.52	PK	35.9	-21.2	0	42.22	-	-	74	-31.78	-	-	0-360	250	V
3	* 11.209	19.41	PK	37.9	-16.2	0	41.11	-	-	74	-32.89	-	-	0-360	150	V
6	16.777	18.28	PK	40.9	-13.6	0	45.58	-	-	-	-	68.2	-22.62	0-360	250	V

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

PK – Peak detector

Radiated Emissions

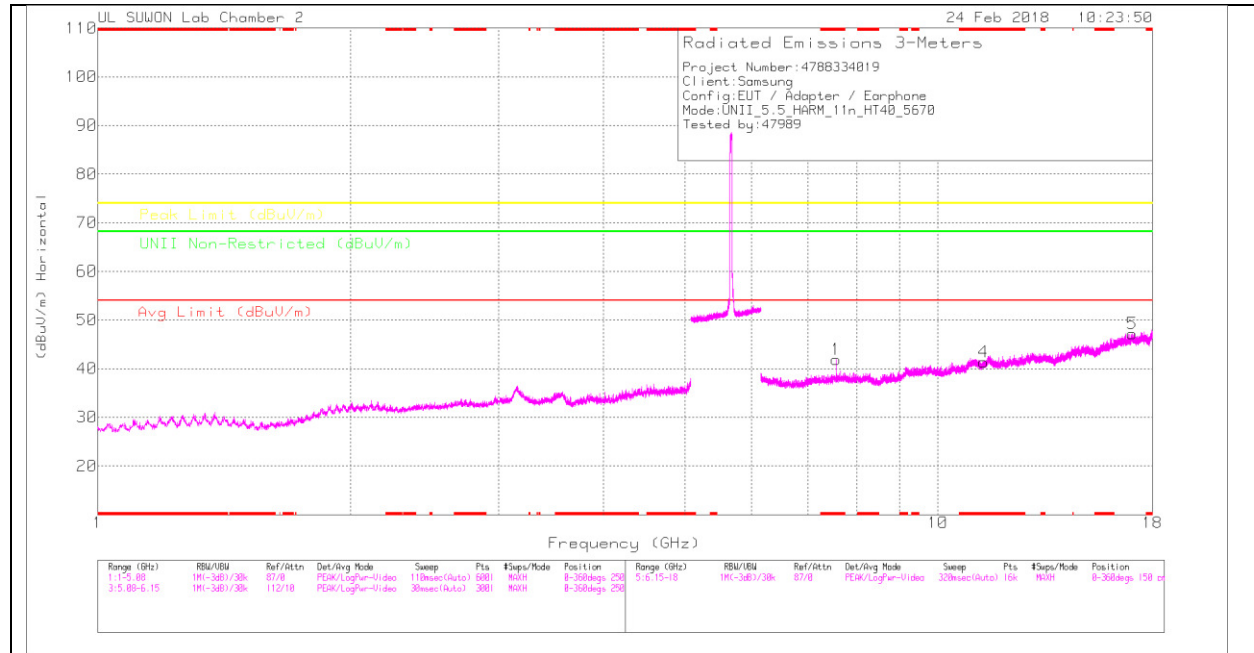
Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117[0018724]	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 7.453	35.97	PK-U	35.9	-21.2	0	50.67	-	-	74	-23.33	-	-	321	100	H
* 7.453	26.03	ADR	35.9	-21.2	-24	40.97	54	-13.03	-	-	-	-	321	100	H
* 7.453	36.12	PK-U	35.9	-21.2	0	50.82	-	-	74	-23.18	-	-	115	374	V
* 7.453	27.24	ADR	35.9	-21.2	-24	42.18	54	-11.82	-	-	-	-	115	374	V

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

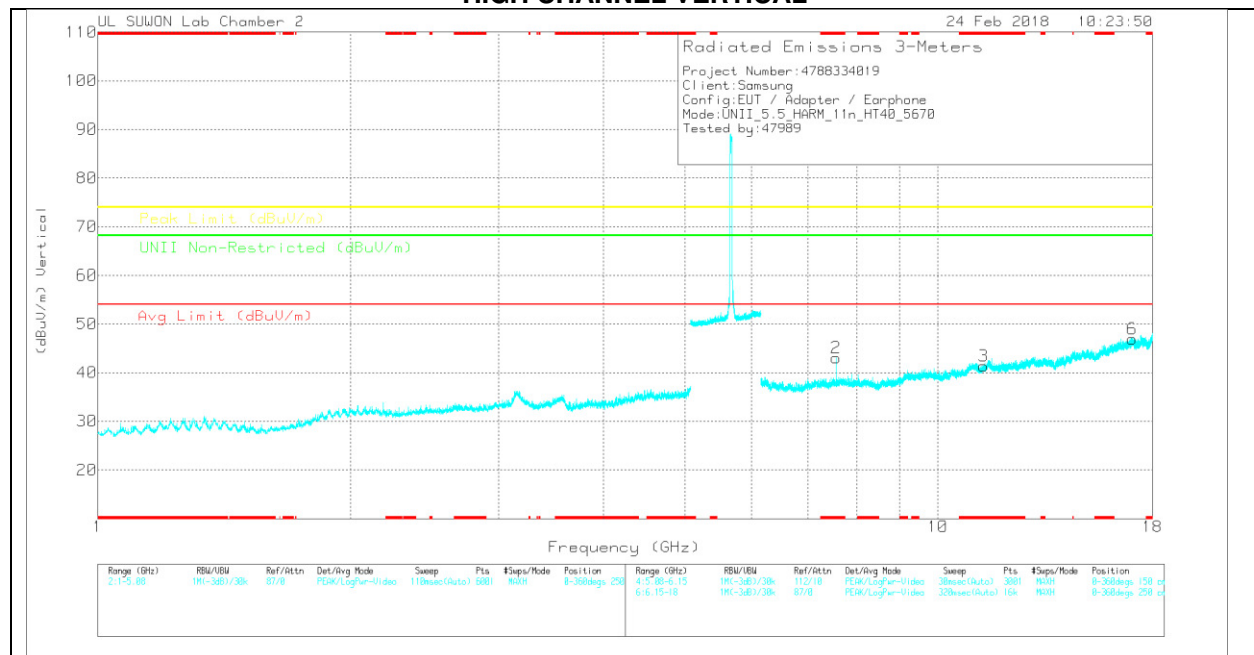
PK-U - U-NII: Maximum Peak

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	170531_311700168724	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)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.559	26.47	PK	35.8	-20.4	0	41.87	-	-	74	-32.13	-	-	0-360	150	H
4	* 11.336	19.02	PK	38	-15.6	0	41.42	-	-	74	-32.58	-	-	0-360	150	H
5	17.034	19.41	PK	41.1	-13.3	0	47.21	-	-	-	-	68.2	-20.99	0-360	250	H
2	* 7.559	27.59	PK	35.8	-20.4	0	42.99	-	-	74	-31.01	-	-	0-360	150	V
3	* 11.333	18.93	PK	38	-15.6	0	41.33	-	-	74	-32.67	-	-	0-360	250	V
6	17.031	19.18	PK	41.1	-13.4	0	46.88	-	-	-	-	68.2	-21.32	0-360	150	V

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

PK – Peak detector

Radiated Emissions

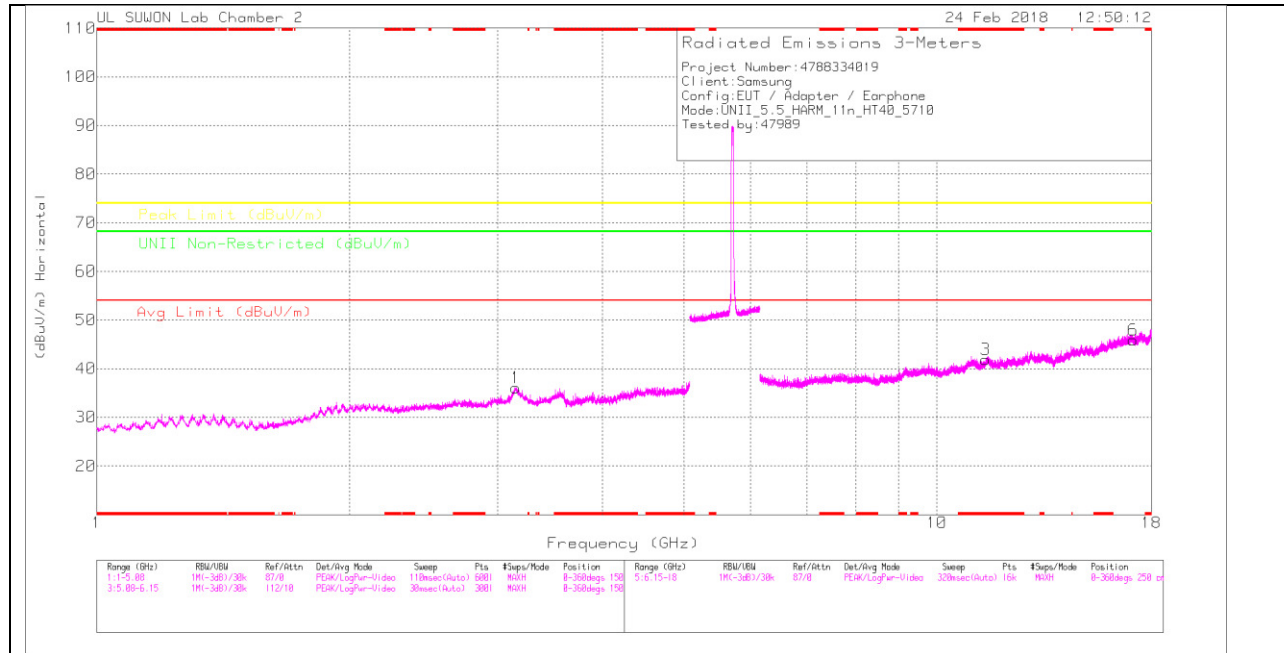
Frequency (GHz)	Meter Reading (dBuV)	Det	170531_311700168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 7.56	35.75	PK-U	35.8	-20.4	0	51.15	-	-	74	-22.85	-	-	318	102	H
* 7.56	26.95	ADR	35.8	-20.4	.24	42.59	54	-11.41	-	-	-	-	318	102	H
* 7.56	35.45	PK-U	35.8	-20.4	0	50.85	-	-	74	-23.15	-	-	123	393	V
* 7.56	27.2	ADR	35.8	-20.4	.24	42.84	54	-11.16	-	-	-	-	123	393	V

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

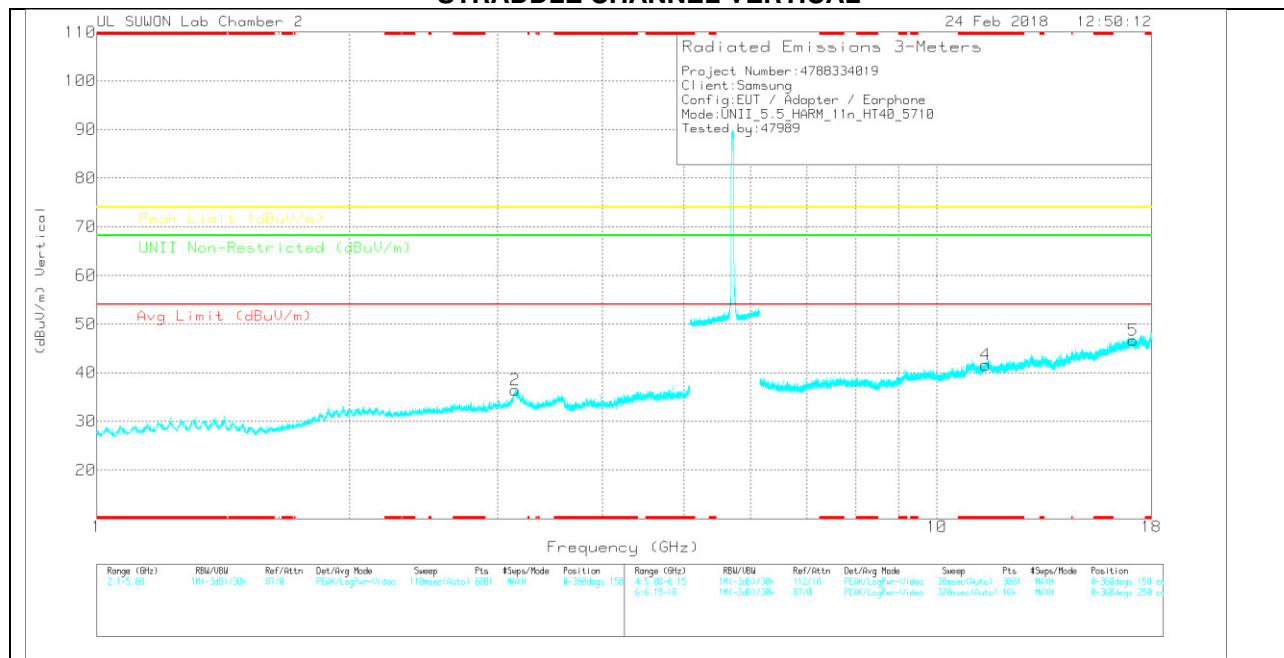
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

STRADDLE CHANNEL HORIZONTAL



STRADDLE 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.

STRADDLE CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117003887 24)	5GHz_1P(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.151	27.26	PK	34.9	-26.1	0	36.06	-	-	-	-	68.2	-32.14	0-360	150	H
2	3.147	27.85	PK	34.8	-26.2	0	36.45	-	-	-	-	68.2	-31.75	0-360	250	V
3	* 11.43	19.66	PK	38.1	-15.9	0	41.86	-	-	74	-32.14	-	-	0-360	150	H
6	17.125	18.11	PK	41.3	-13.5	0	45.91	-	-	-	-	68.2	-22.29	0-360	150	H
4	* 11.426	19.26	PK	38.1	-15.8	0	41.56	-	-	74	-32.44	-	-	0-360	250	V
5	17.122	18.9	PK	41.3	-13.5	0	46.7	-	-	-	-	68.2	-21.5	0-360	150	V

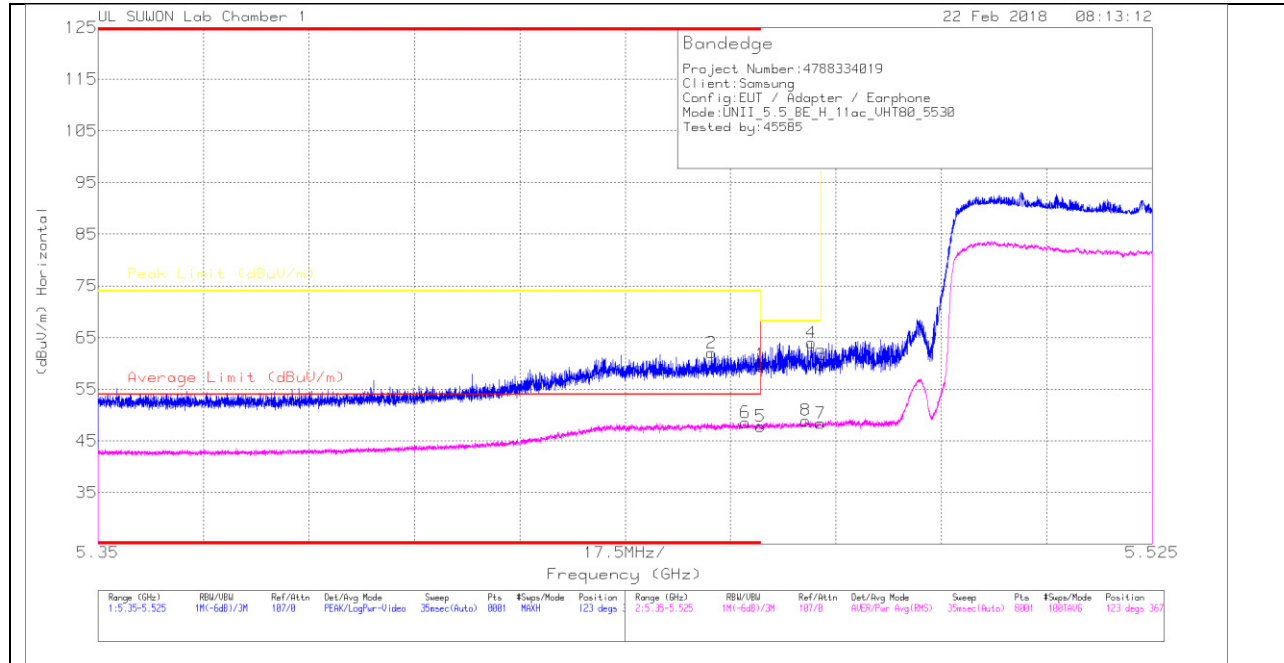
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

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

11.3.4.TX ABOVE 1GHz 802.11ac VHT80 MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

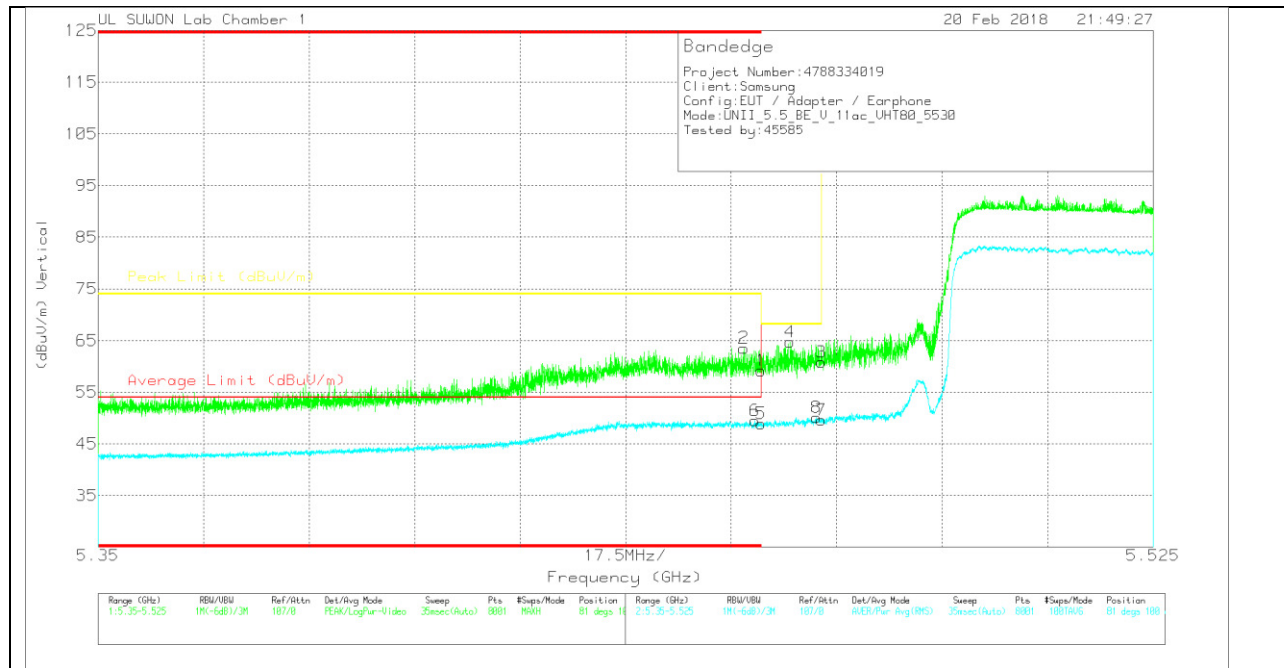
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_1117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	47.03	Pk	34.3	-21.5	0	59.83	-	-	74	-14.17	123	367	H
2	* 5.452	49.33	Pk	34.3	-21.6	0	62.03	-	-	74	-11.97	123	367	H
3	5.47	46.9	Pk	34.3	-21.5	0	59.7	-	-	68.2	-8.5	123	367	H
4	5.468	51.3	Pk	34.3	-21.6	0	64	-	-	68.2	-4.2	123	367	H
5	* 5.46	34.55	RMS	34.3	-21.5	.48	47.83	54	-6.17	-	-	123	367	H
6	* 5.457	35.37	RMS	34.3	-21.6	.48	48.55	54	-5.45	-	-	123	367	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	* 5.46	46.41	Pk	34.3	-21.5	0	59.21	-	-	74	-14.79	81	100	V
2	* 5.457	50.85	Pk	34.3	-21.6	0	63.55	-	-	74	-10.45	81	100	V
3	5.47	48.01	Pk	34.3	-21.5	0	60.81	-	-	68.2	-7.39	81	100	V
4	5.465	52.03	Pk	34.3	-21.6	0	64.73	-	-	68.2	-3.47	81	100	V
5	* 5.46	35.66	RMS	34.3	-21.5	.48	48.94	54	-5.06	-	-	81	100	V
6	* 5.459	36.33	RMS	34.3	-21.6	.48	49.51	54	-4.49	-	-	81	100	V

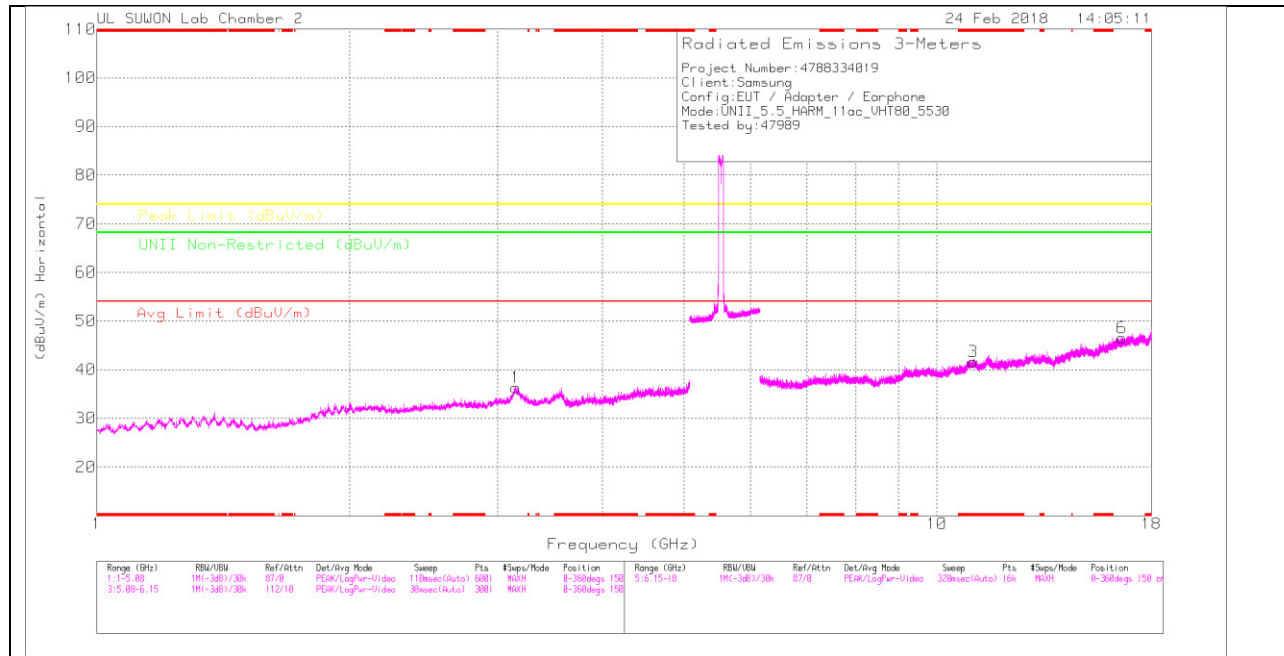
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

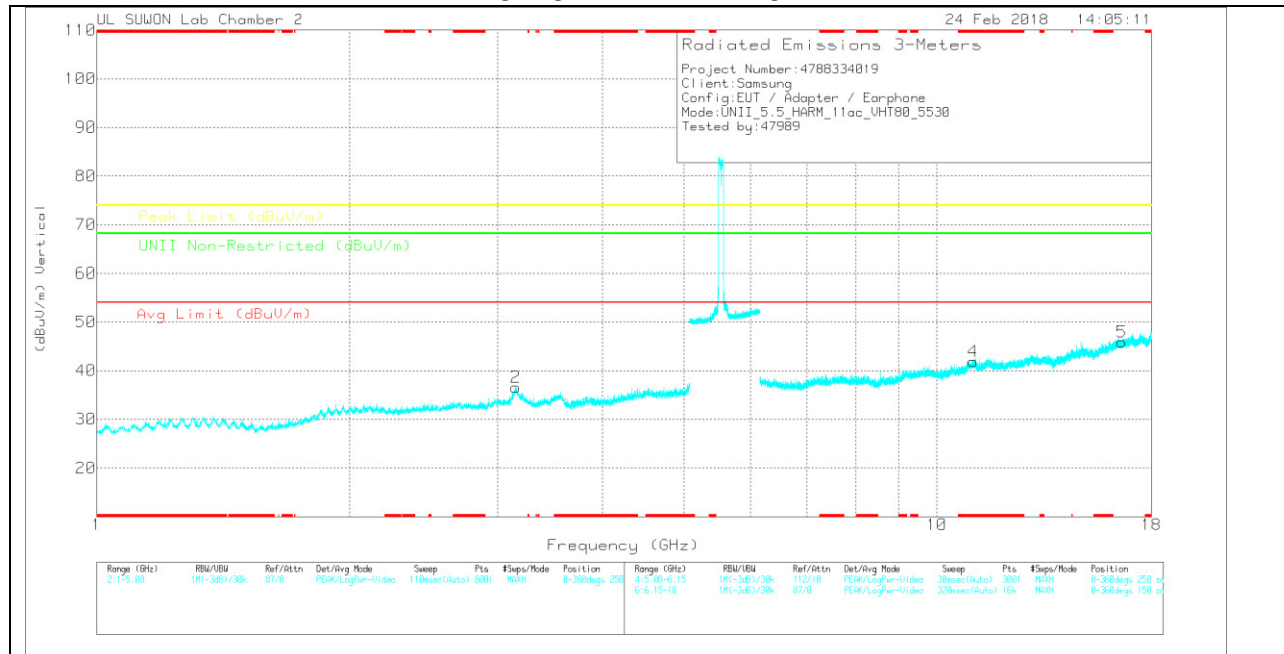
RMS - RMS detection

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

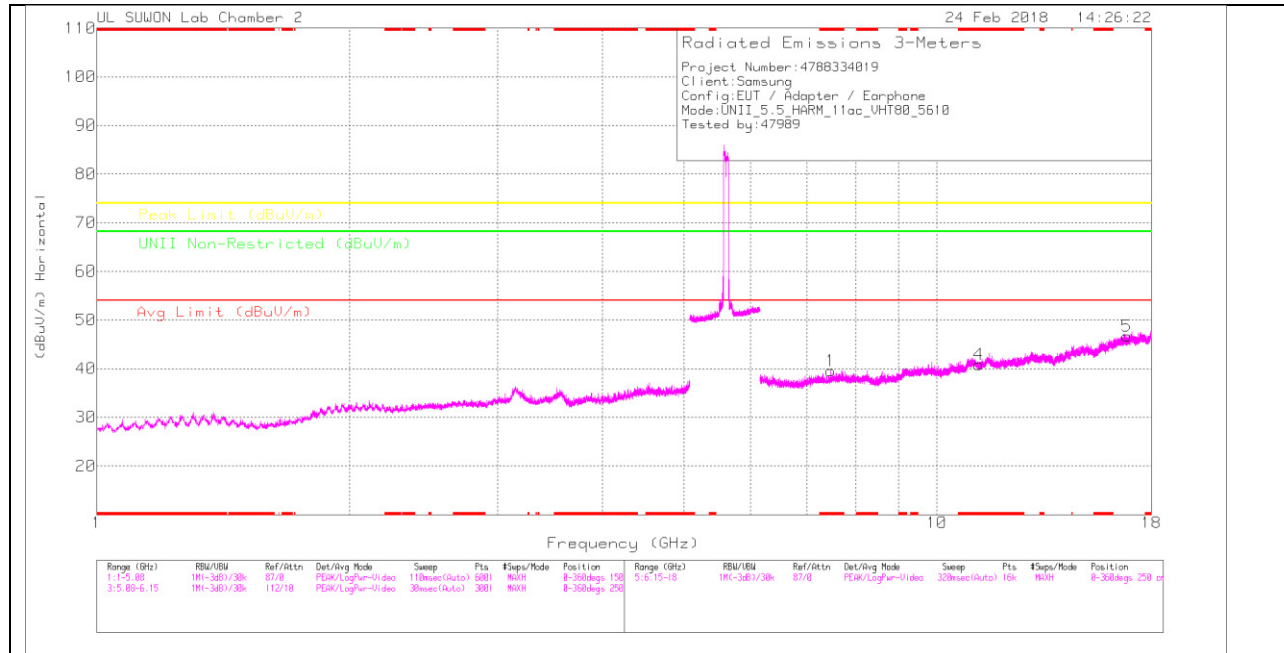
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117003887 24)	5GHz_1P(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UL/Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.153	27.5	PK	34.8	-26	0	36.3	-	-	-	-	68.2	-31.9	0-360	250	H
2	3.152	27.73	PK	34.9	-26.1	0	36.53	-	-	-	-	68.2	-31.67	0-360	250	V
3	* 11.041	19.97	PK	37.9	-16.2	0	41.67	-	-	74	-32.33	-	-	0-360	150	H
6	16.607	19.78	PK	40.8	-14.1	0	46.48	-	-	-	-	68.2	-21.72	0-360	150	H
4	* 11.052	20.16	PK	37.9	-16.2	0	41.86	-	-	74	-32.14	-	-	0-360	150	V
5	16.591	19.21	PK	40.8	-14.1	0	45.91	-	-	-	-	68.2	-22.29	0-360	150	V

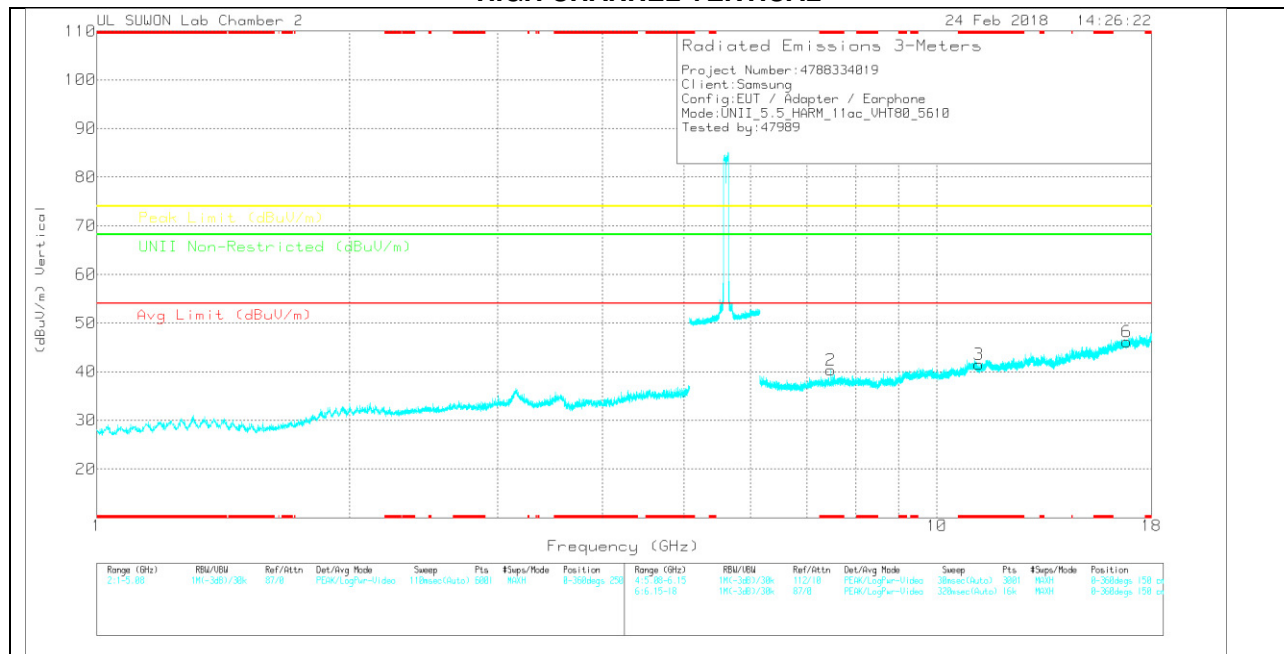
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

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

HIGH CHANNEL DATA

Trace Markers

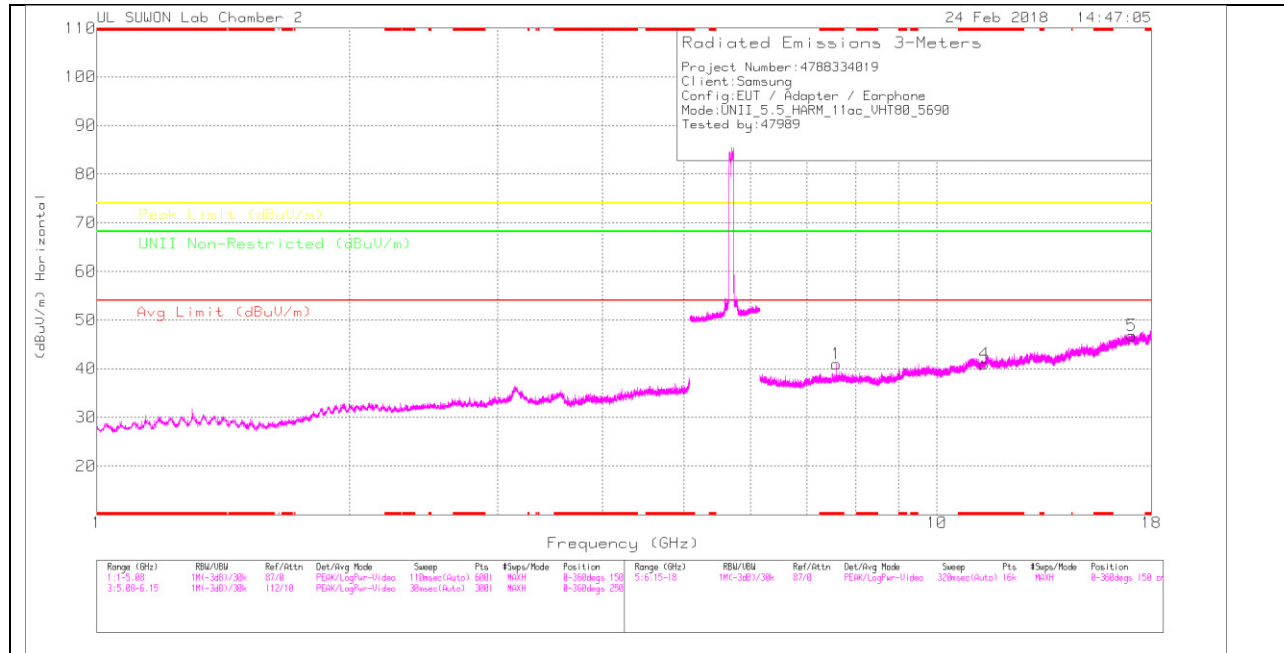
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170331_3117001007 24]	50Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.48	24.72	PK	35.8	-21	0	39.52	-	-	74	-34.48	-	-	0-360	250	H
4	* 11.217	19.15	PK	37.9	-16.2	0	40.85	-	-	74	-33.15	-	-	0-360	150	H
5	16.84	19.48	PK	40.8	-13.6	0	46.68	-	-	-	-	68.2	-21.52	0-360	250	H
2	* 7.48	25.53	PK	35.8	-21	0	40.33	-	-	74	-33.67	-	-	0-360	250	V
3	* 11.22	19.71	PK	37.9	-16.1	0	41.51	-	-	74	-32.49	-	-	0-360	150	V
6	16.828	18.99	PK	40.8	-13.6	0	46.19	-	-	-	-	68.2	-22.01	0-360	150	V

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

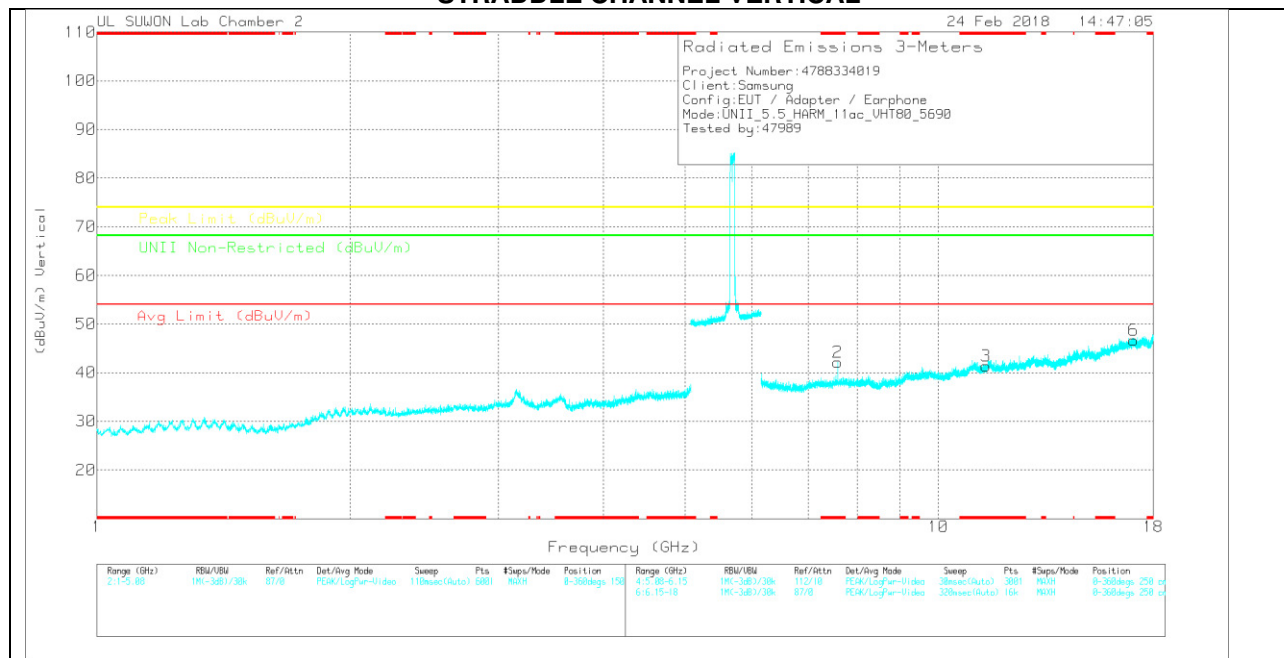
PK – Peak detector

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

STRADDLE CHANNEL HORIZONTAL



STRADDLE 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.

STRADDLE CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117001687 24	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unli Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.586	25.63	PK	35.8	-20.4	0	41.03	-	-	74	-32.97	-	-	0-360	250	H
4	* 11.381	18.43	PK	38.1	-15.5	0	41.03	-	-	74	-32.97	-	-	0-360	150	H
5	17.065	19.25	PK	41.2	-13.6	0	46.85	-	-	-	-	68.2	-21.35	0-360	250	H
2	* 7.586	26.76	PK	35.8	-20.4	0	42.16	-	-	74	-31.84	-	-	0-360	250	V
3	* 11.387	18.74	PK	38.1	-15.5	0	41.34	-	-	74	-32.66	-	-	0-360	150	V
6	17.062	19.09	PK	41.1	-13.5	0	46.69	-	-	-	-	68.2	-21.51	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	170531_311700168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unli Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 7.586	34.8	PK-U	35.8	-20.4	0	50.2	-	-	74	-23.8	-	-	318	101	H
* 7.587	24.47	ADR	35.8	-20.4	.48	40.35	54	-13.65	-	-	-	-	318	101	H
* 7.586	35.23	PK-U	35.8	-20.4	0	50.63	-	-	74	-23.37	-	-	118	166	V
* 7.587	26.25	ADR	35.8	-20.4	.48	42.13	54	-11.87	-	-	-	-	118	166	V

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

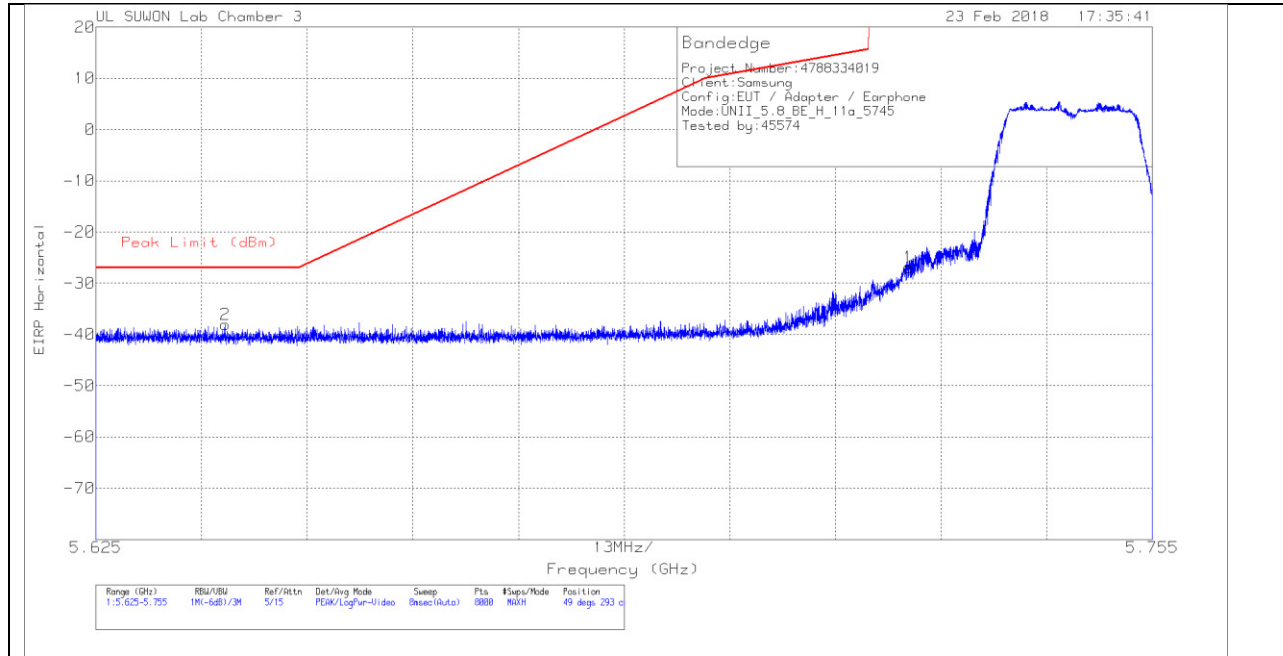
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.4. 5.8 GHz

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

HORIZONTAL PEAK PLOT



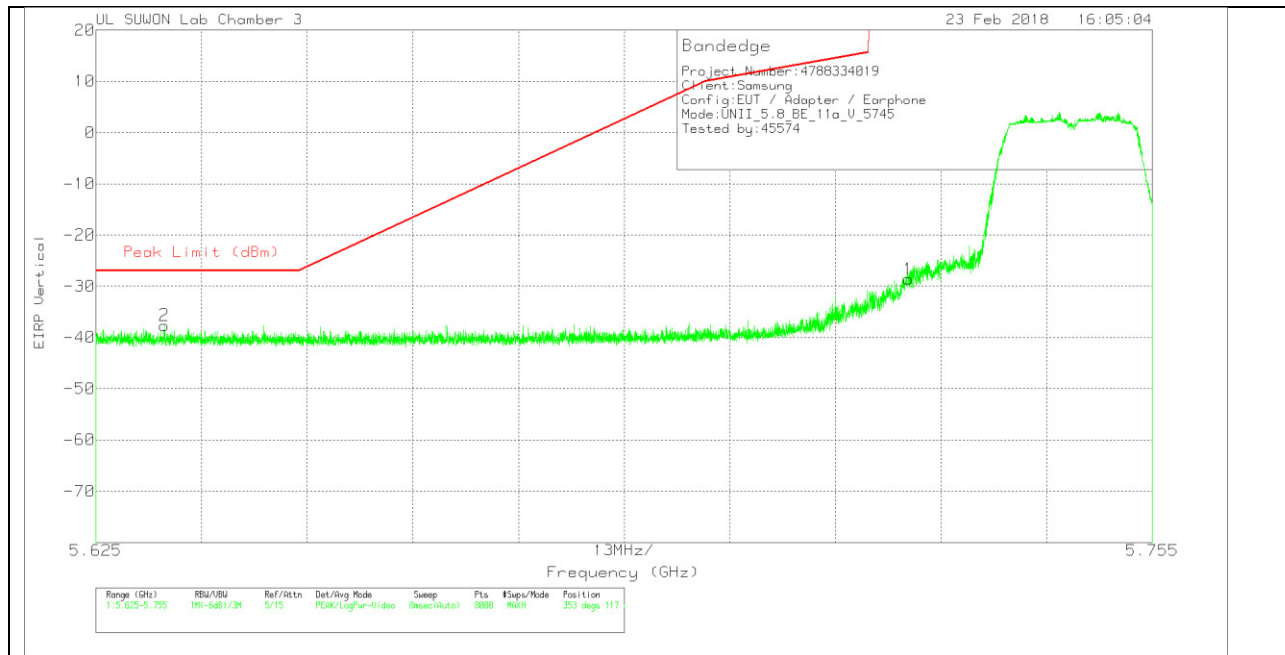
HORIZONTAL DATA

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	-55.54	Pk	34.7	-17.9	11.8	-26.94	278.95	-305.89	49	293	H
2	5.641	-66.23	Pk	34.5	-18.1	11.8	-38.03	-27	-11.03	49	293	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

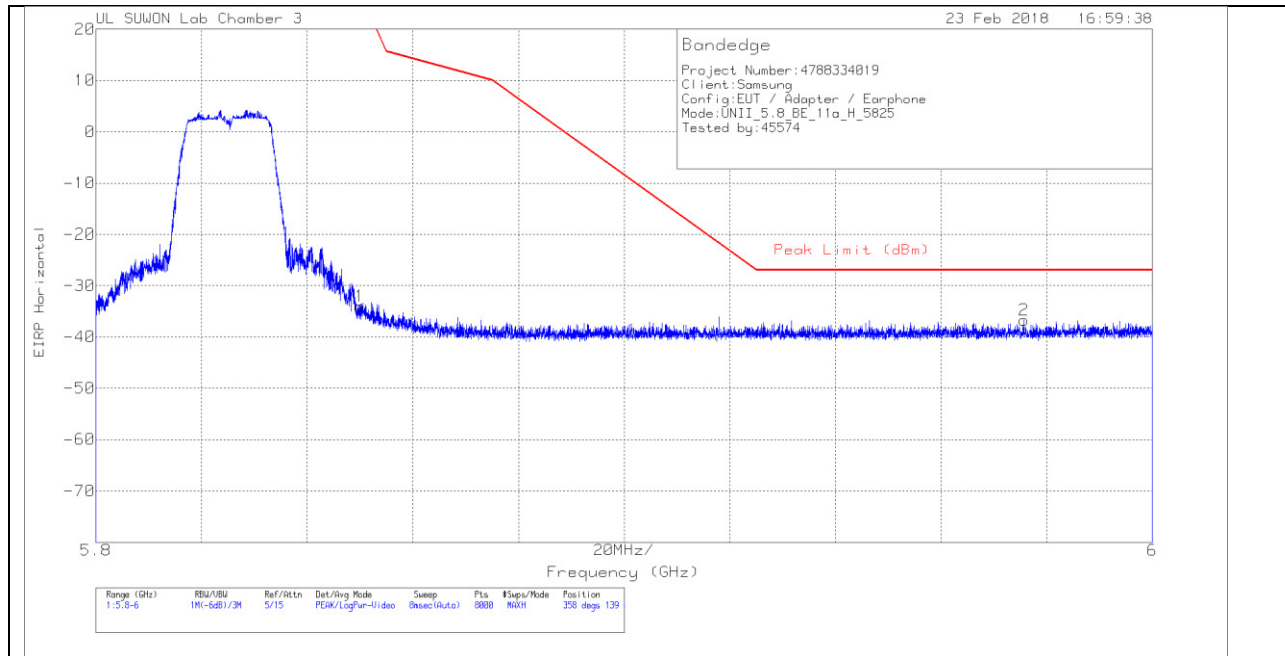
Trace Markers

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	-57.15	Pk	34.7	-17.9	11.8	-28.55	278.95	-307.5	353	117	V
2	5.633	-65.73	Pk	34.5	-18.2	11.8	-37.63	-27	-10.63	353	117	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



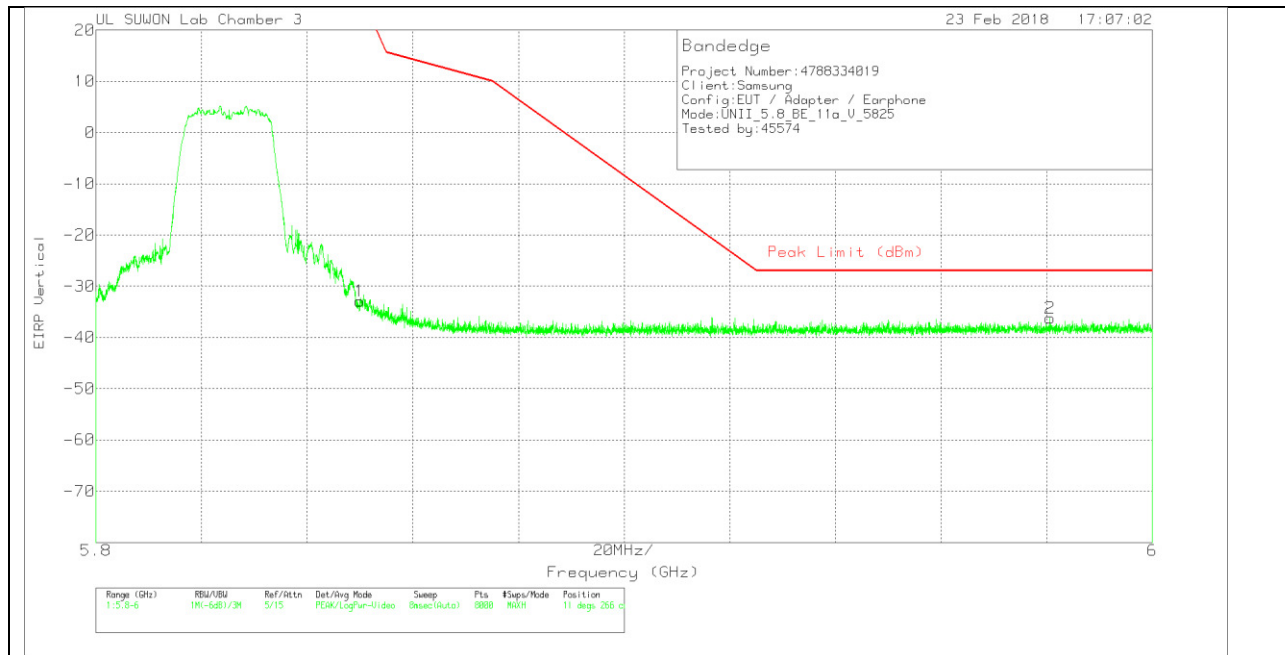
HORIZONTAL DATA

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	-63.13	Pk	34.9	-17.6	11.8	-34.03	26.99	-61.02	358	139	H
2	5.976	-66.06	Pk	35.1	-17.6	11.8	-36.76	-27	-9.76	358	139	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	-61.96	Pk	34.9	-17.6	11.8	-32.86	26.99	-59.85	11	266	V
2	5.981	-65.63	Pk	35.1	-17.5	11.8	-36.23	-27	-9.23	11	266	V

Pk - Peak detector