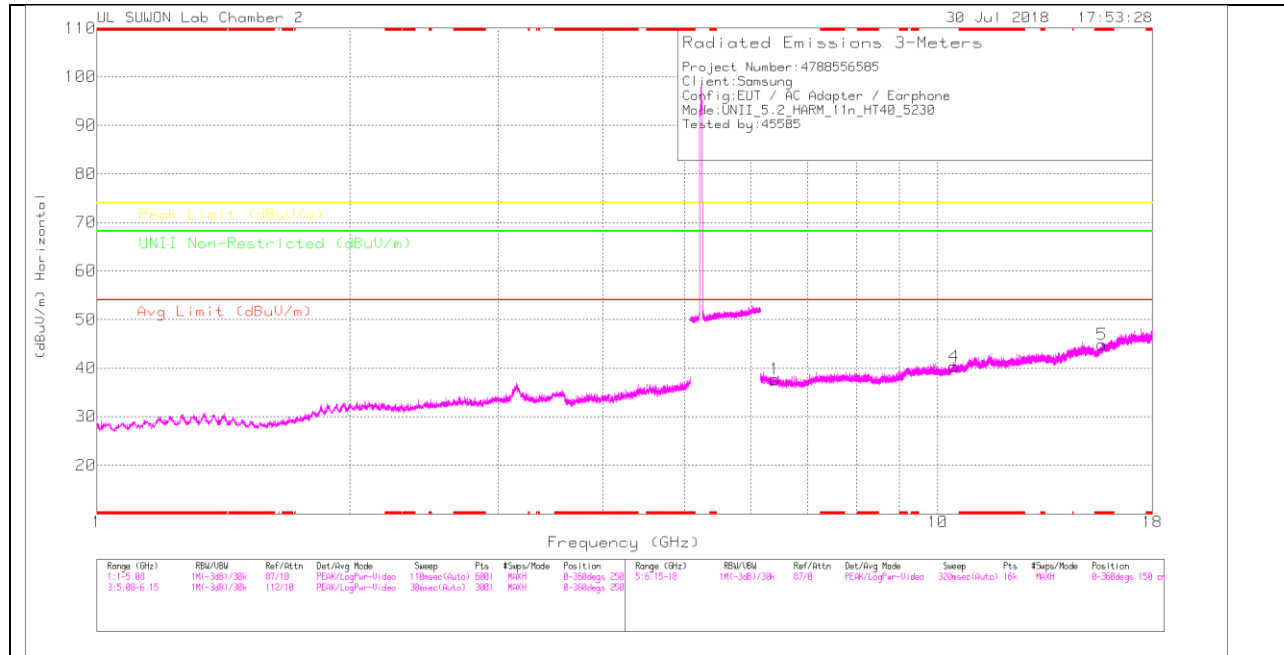
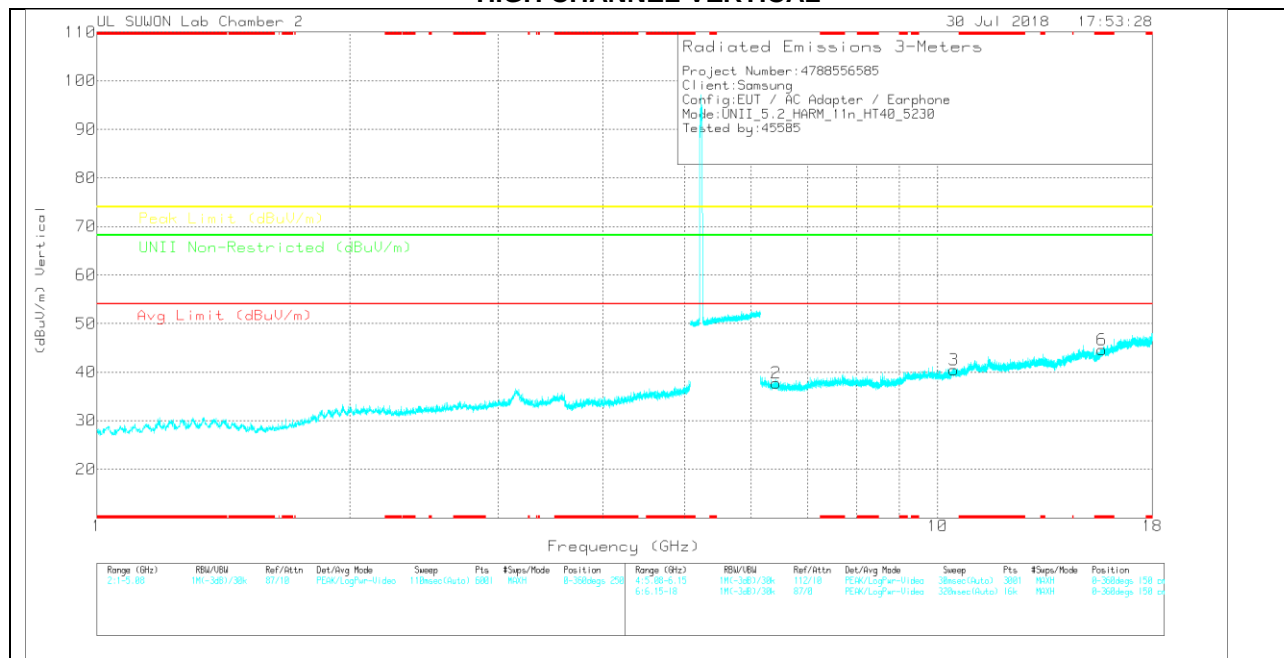


HIGH CHANNEL HORIZONTAL



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	170531_1117(001887 24)	6GHz_HF(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	6.405	24.28	PK	35.1	-21.7	0	37.68	-	-	-	-	68.2	-30.52	0-360	150	H
4	10.461	19.12	PK	37.5	-16.3	0	40.32	-	-	-	-	68.2	-27.88	0-360	150	H
5	* 15.689	19.6	PK	39.9	-14.7	0	44.8	-	-	74	-29.2	-	-	0-360	250	H
2	6.423	24.11	PK	35.1	-21.5	0	37.71	-	-	-	-	68.2	-30.49	0-360	250	V
3	10.459	19.25	PK	37.5	-16.3	0	40.45	-	-	-	-	68.2	-27.75	0-360	250	V
6	* 15.694	19.47	PK	39.9	-14.8	0	44.57	-	-	74	-29.43	-	-	0-360	150	V

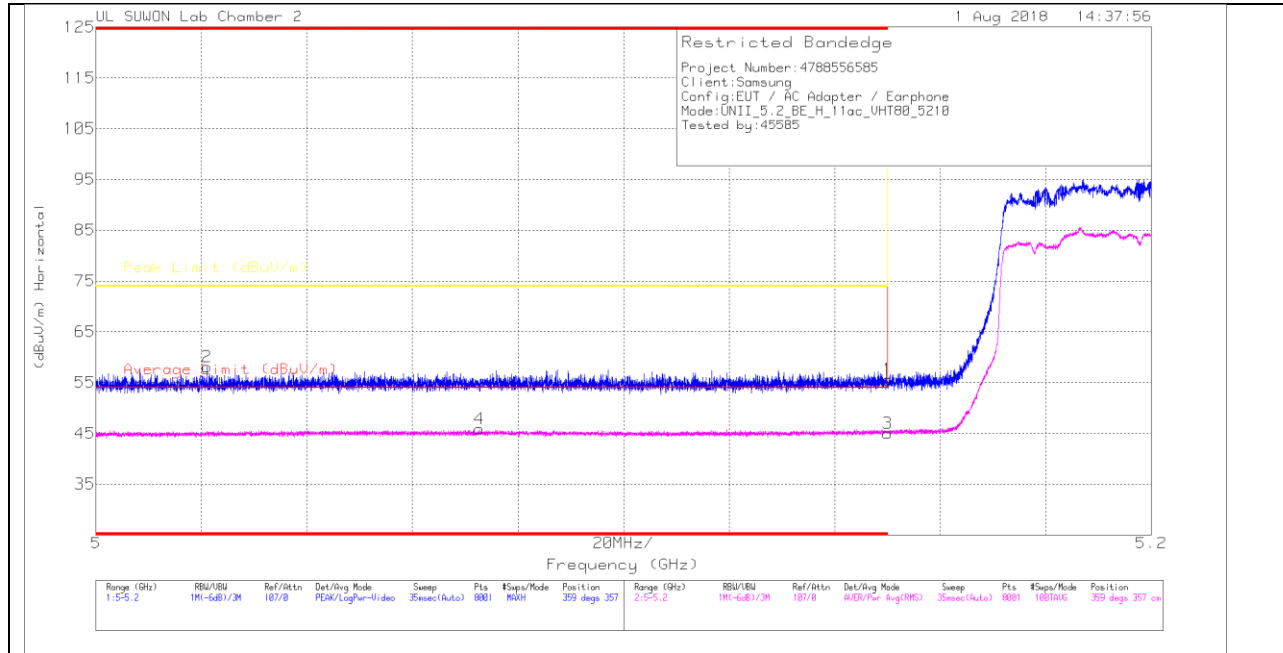
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.1.4.TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

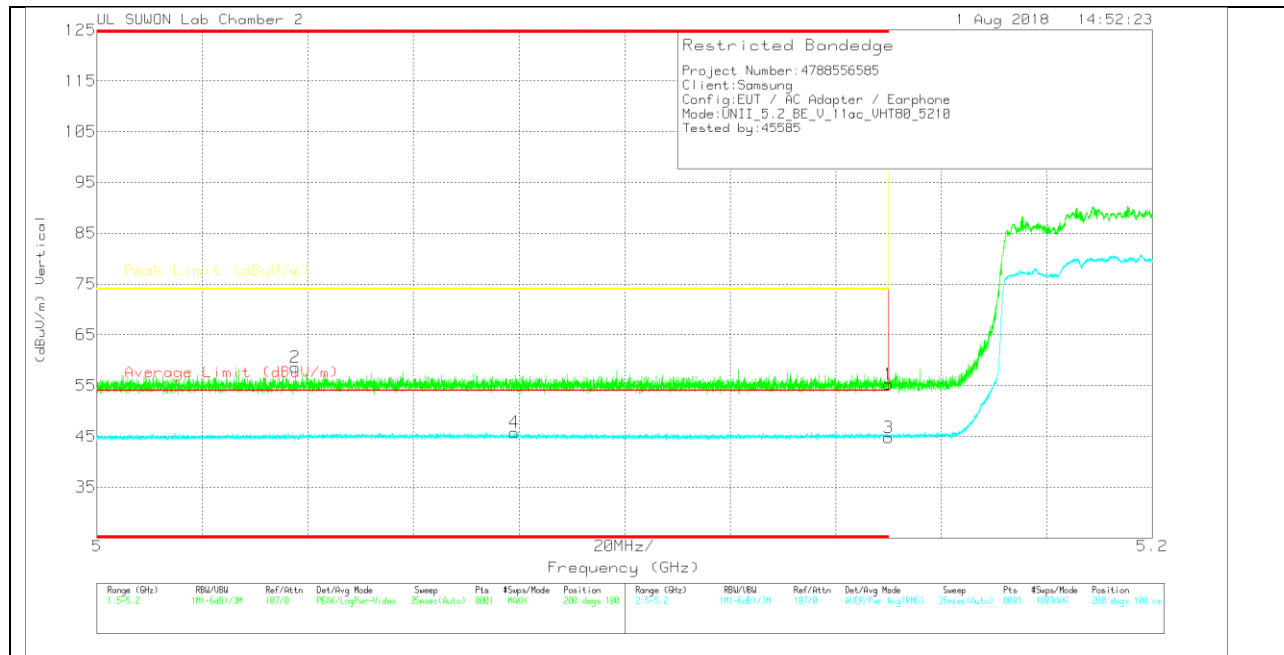
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117(00168724)	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	36.88	Pk	34	-15.3	0	55.58	-	-	74	-18.42	359	357	H
2	* 5.021	39.54	Pk	33.8	-15.2	0	58.14	-	-	74	-15.86	359	357	H
3	5.15	26.27	RMS	34	-15.3	0	44.97	54	-9.03	-	-	359	357	H
4	* 5.073	27.12	RMS	33.9	-15.2	0	45.82	54	-8.18	-	-	359	357	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	170531_311700168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pt Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	36.63	Pk	34	-15.3	0	55.33	-	-	74	-18.67	200	100	V
2	* 5.038	39.95	Pk	33.9	-15.2	0	58.65	-	-	74	-15.35	200	100	V
3	5.15	26.11	RMS	34	-15.3	0	44.81	54	-9.19	-	-	200	100	V
4	* 5.079	27.11	RMS	33.9	-15.2	0	45.81	54	-8.19	-	-	200	100	V

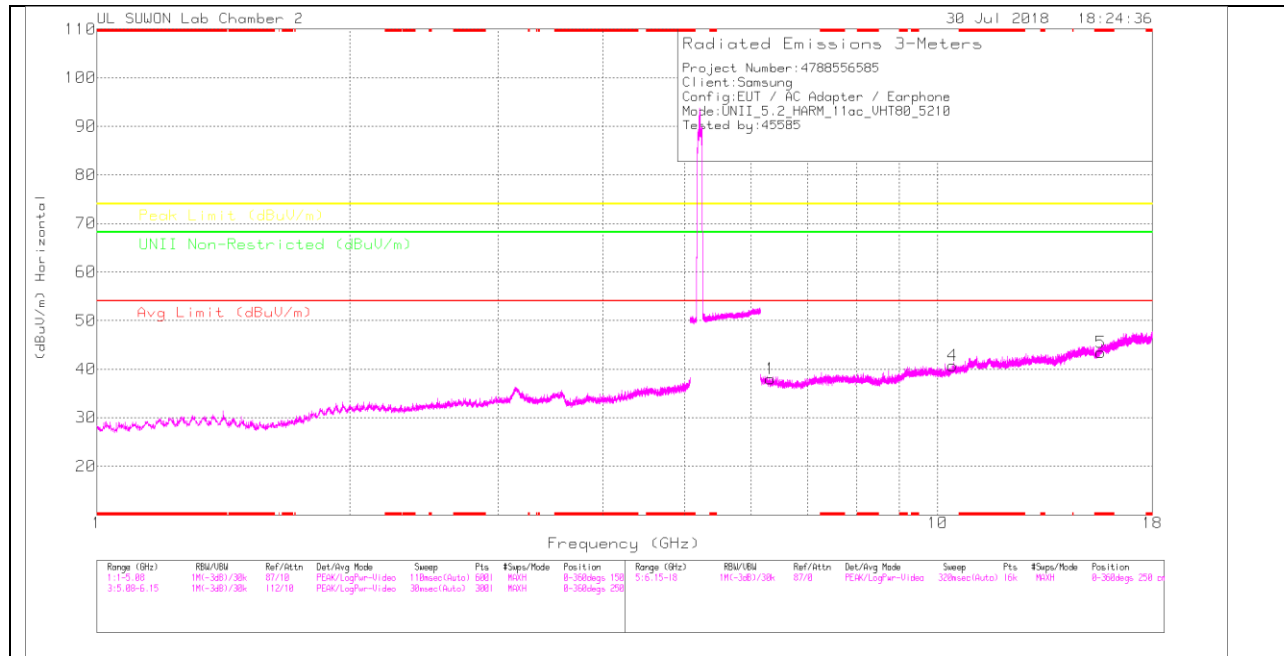
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

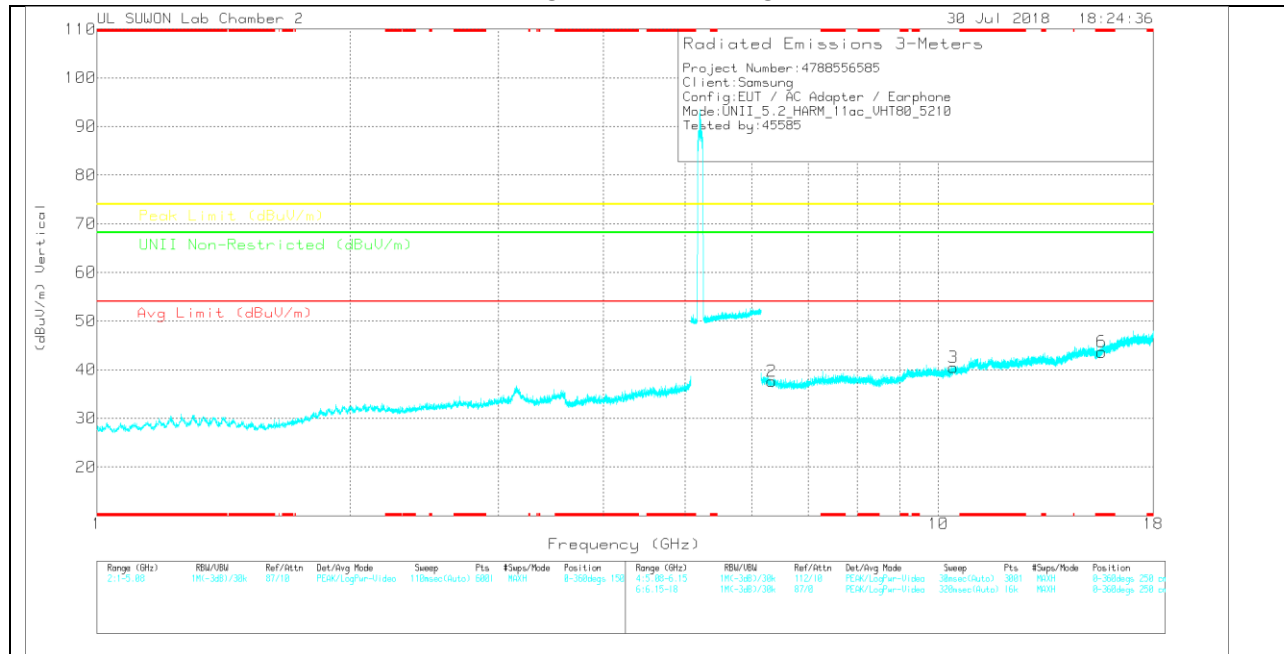
RMS - RMS detection

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_3117001887 24)	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unlit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.329	25.45	PK	35.1	-22.6	0	37.95	-	-	-	-	68.2	-30.25	0-360	250	H
4	10.421	19.41	PK	37.5	-16.2	0	40.71	-	-	-	-	68.2	-27.49	0-360	250	H
5	* 15.63	18.32	PK	39.8	-14.7	0	43.42	-	-	74	-30.58	-	-	0-360	150	H
2	6.34	25.16	PK	35.1	-22.6	0	37.66	-	-	-	-	68.2	-30.54	0-360	250	V
3	10.422	19.2	PK	37.5	-16.2	0	40.5	-	-	-	-	68.2	-27.7	0-360	250	V
6	* 15.63	18.53	PK	39.8	-14.7	0	43.63	-	-	74	-30.37	-	-	0-360	250	V

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

PK – Peak Detector

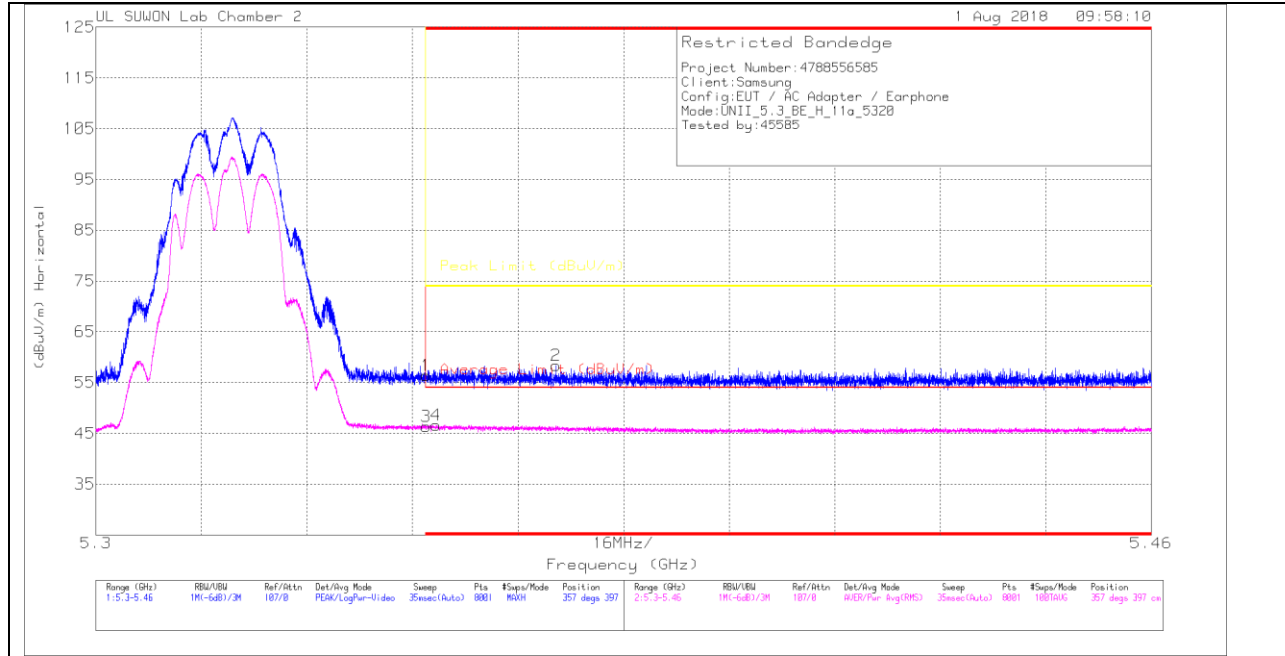
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.2. 5.3 GHz

11.2.1. TX ABOVE 1 GHz 802.11a 2Tx CDD MODE IN THE 5.3 GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

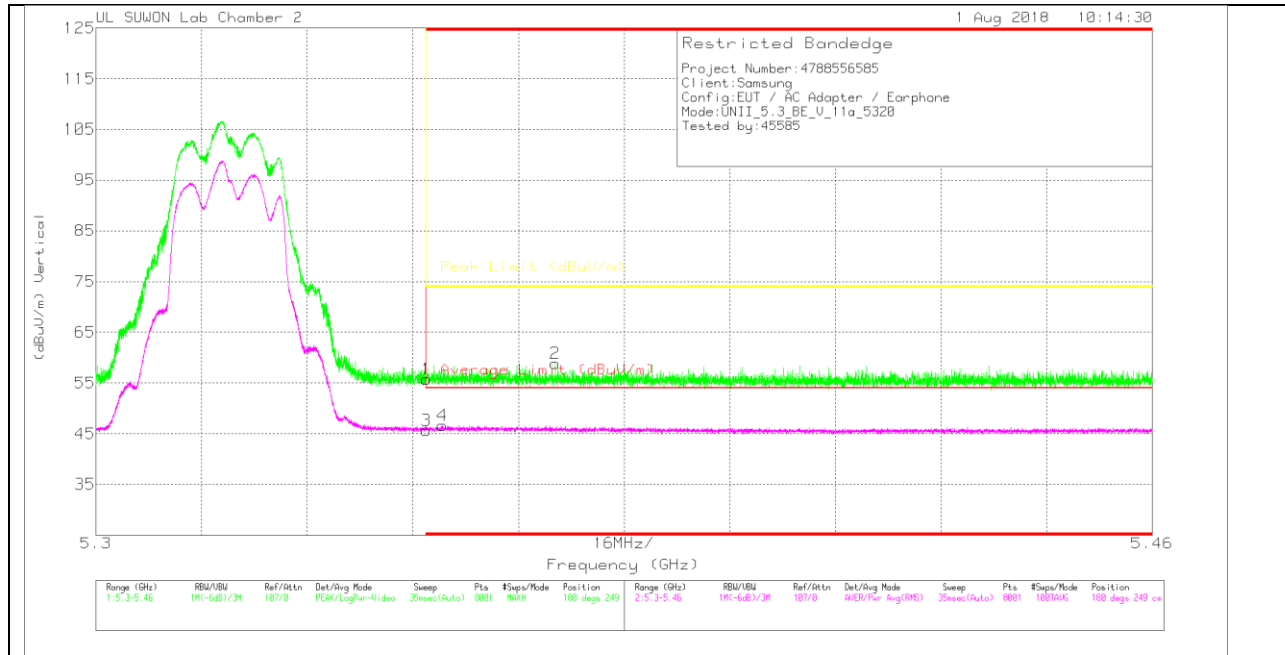
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117(00168724)	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	37.41	Pk	34.2	-15.2	0	56.41	-	-	74	-17.59	357	397	H
2	* 5.37	39.39	Pk	34.2	-15.2	0	58.39	-	-	74	-15.61	357	397	H
3	* 5.35	27.35	RMS	34.2	-15.2	0	46.35	54	-7.65	-	-	357	397	H
4	* 5.352	27.64	RMS	34.2	-15.2	0	46.64	54	-7.36	-	-	357	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	170531_311700168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pt Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	36.78	Pk		-15.2	0	55.78	-	-	74	-18.22	180	249	V
2	* 5.37	39.82	Pk		-15.2	0	58.82	-	-	74	-15.18	180	249	V
3	* 5.35	26.65	RMS		-15.2	0	45.65	54	-8.35	-	-	180	249	V
4	* 5.352	27.62	RMS		-15.2	0	46.62	54	-7.38	-	-	180	249	V

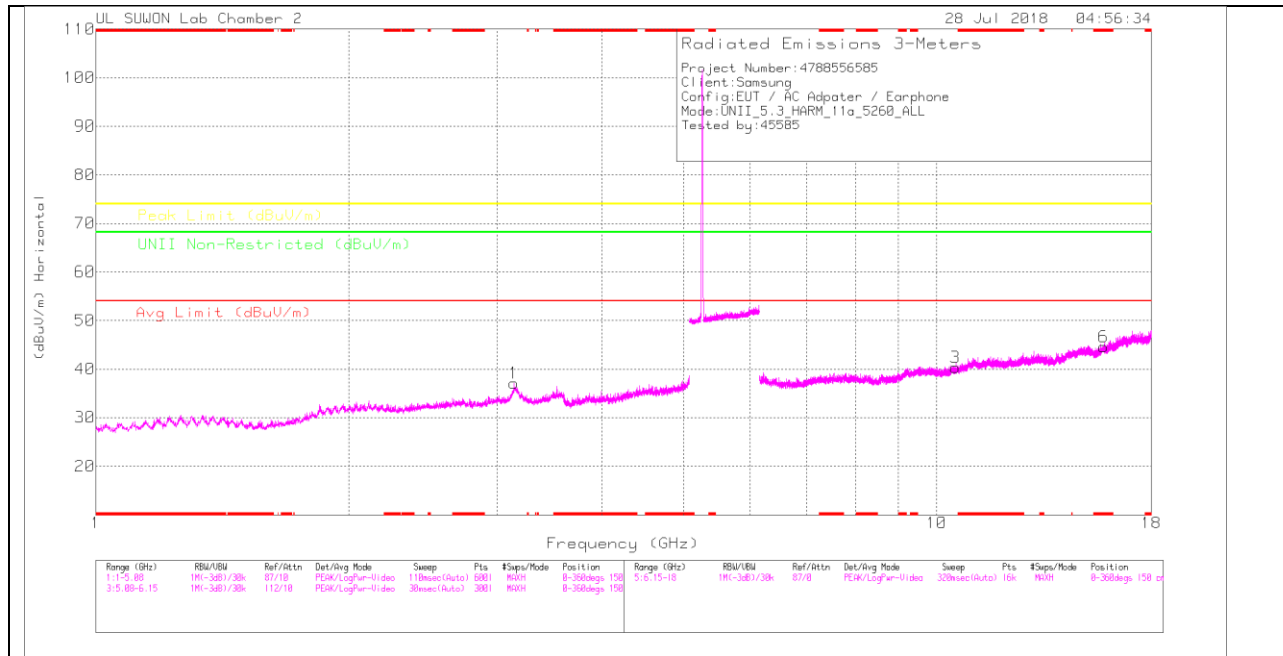
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

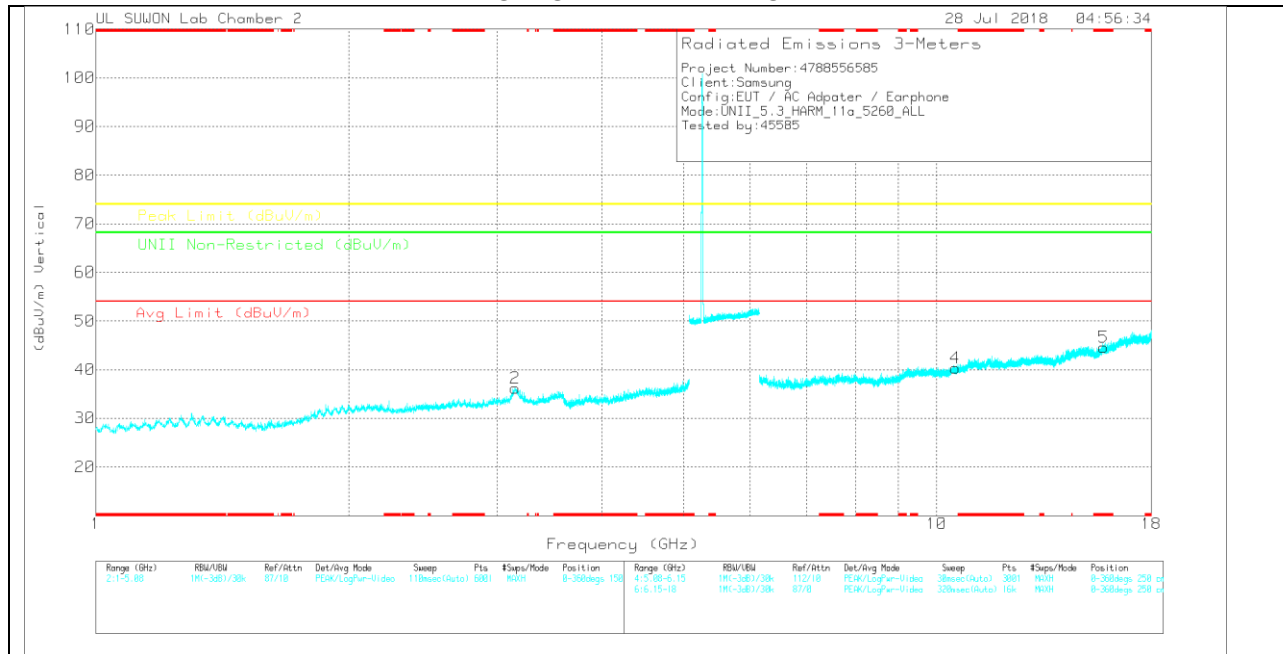
RMS - RMS detection

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

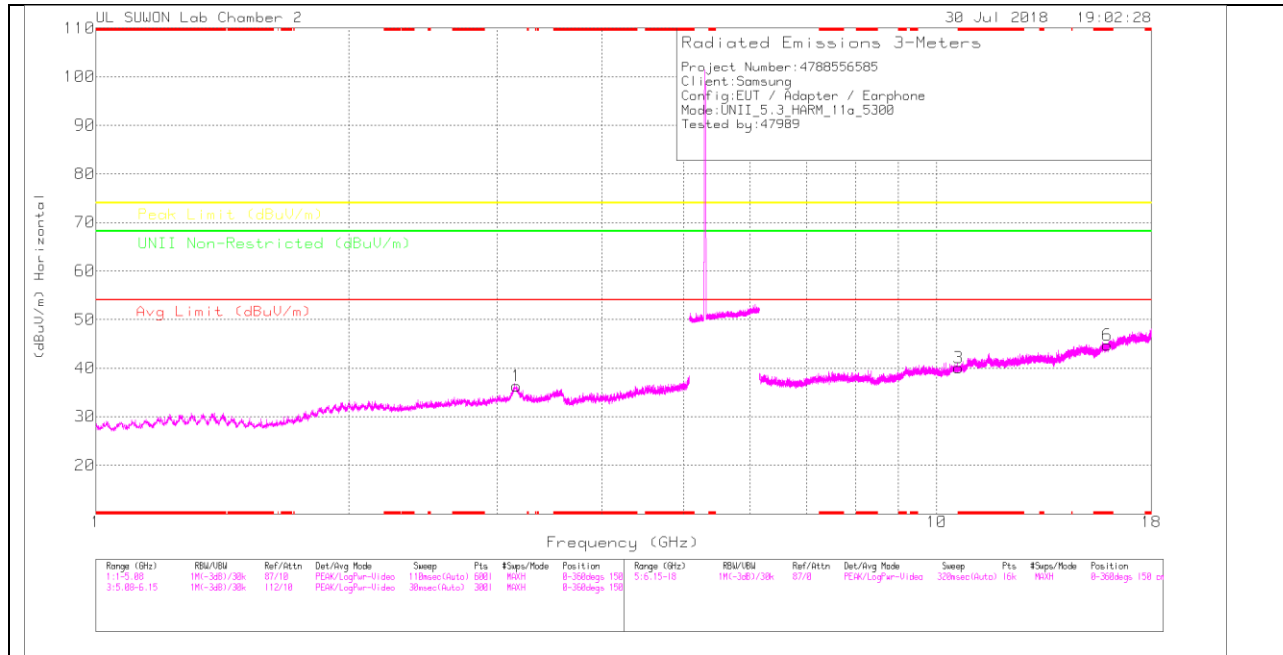
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117003887 24)	50Hz_1F(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	ULd Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.141	28.88	PK	34.5	-26.3	0	37.08	-	-	-	-	68.2	-31.12	0-360	150	H
2	3.156	27.45	PK	34.7	-26	0	36.15	-	-	-	-	68.2	-32.05	0-360	250	V
3	10.522	19.41	PK	37.5	-16.6	0	40.31	-	-	-	-	68.2	-27.89	0-360	150	H
6	* 15.78	19.33	PK	40.1	-14.8	0	44.63	-	-	74	-29.37	-	-	0-360	250	H
4	10.523	19.37	PK	37.5	-16.6	0	40.27	-	-	-	-	68.2	-27.93	0-360	250	V
5	* 15.78	19.25	PK	40.1	-14.8	0	44.55	-	-	74	-29.45	-	-	0-360	150	V

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

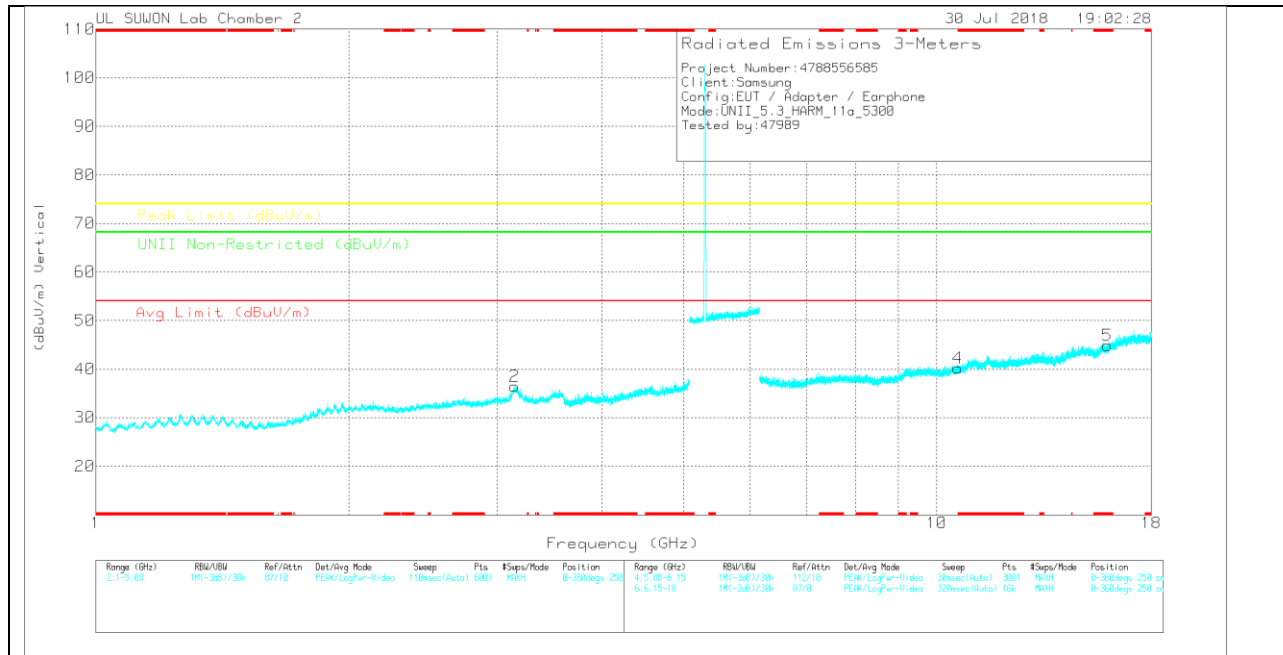
PK – Peak Detector

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

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

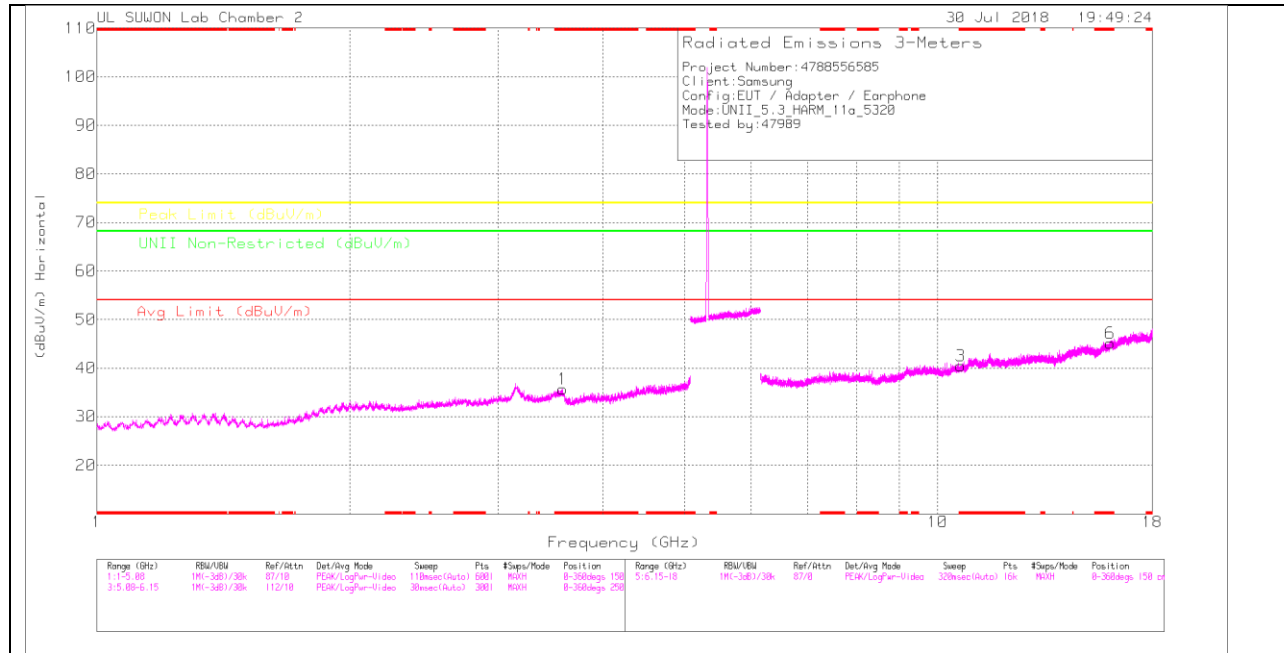
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	170531_3117001887 24	50Hz_1P(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.164	27.67	PK	34.5	-25.9	0	36.27	-	-	-	-	68.2	-31.93	0-360	150	H
2	3.149	27.64	PK	34.9	-26.1	0	36.44	-	-	-	-	68.2	-31.76	0-360	150	V
3	* 10.61	19.21	PK	37.6	-16.7	0	40.11	-	-	74	-33.89	-	-	0-360	250	H
6	* 15.957	18.7	PK	40.4	-14.4	0	44.7	-	-	74	-29.3	-	-	0-360	150	H
4	* 10.602	19.23	PK	37.6	-16.6	0	40.23	-	-	74	-33.77	-	-	0-360	250	V
5	* 15.962	18.8	PK	40.4	-14.4	0	44.8	-	-	74	-29.2	-	-	0-360	250	V

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

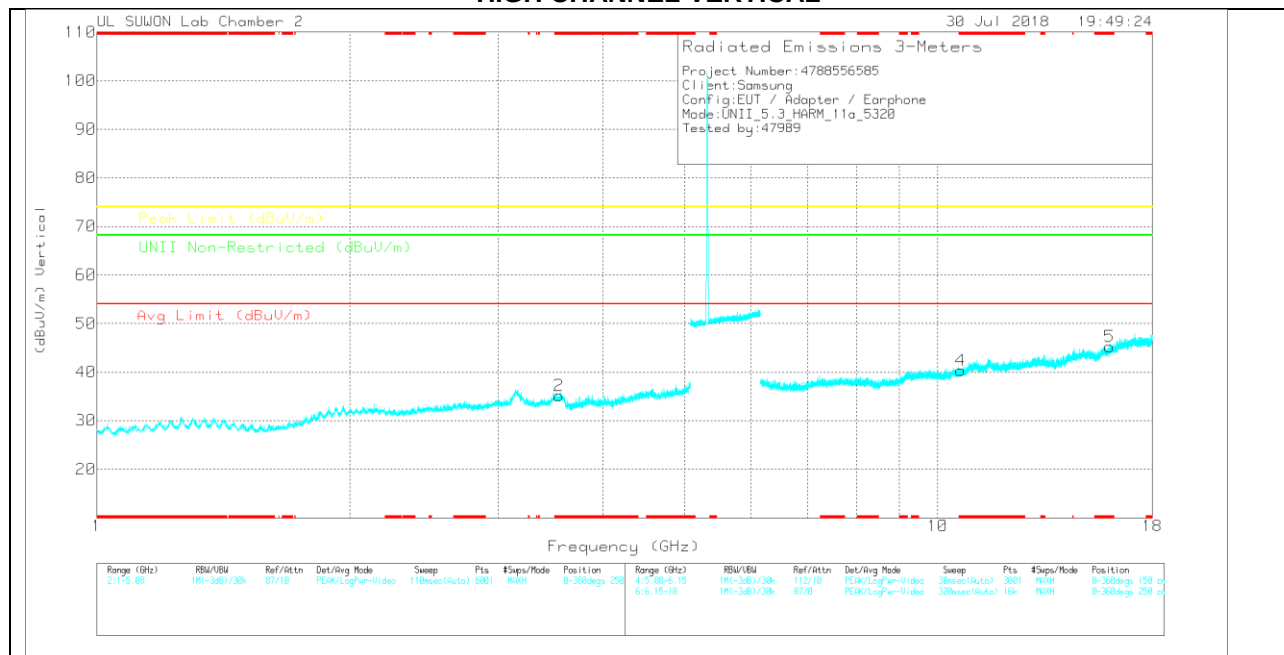
PK – Peak detector

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_3117003887 24)	50Hz_1F(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	* 3.578	27.83	PK	32.9	-25.1	0	35.63	-	-	74	-38.37	-	-	0-360	250	H
2	* 3.546	26.97	PK	32.8	-24.6	0	35.17	-	-	74	-38.83	-	-	0-360	250	V
3	* 10.649	19.28	PK	37.7	-16.5	0	40.48	-	-	74	-33.52	-	-	0-360	250	H
6	* 16.026	18.92	PK	40.4	-14.2	0	45.12	-	-	74	-28.88	-	-	0-360	150	H
4	* 10.648	19.09	PK	37.7	-16.5	0	40.29	-	-	74	-33.71	-	-	0-360	150	V
5	* 16.001	19.09	PK	40.4	-14.3	0	45.19	-	-	74	-28.81	-	-	0-360	150	V

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

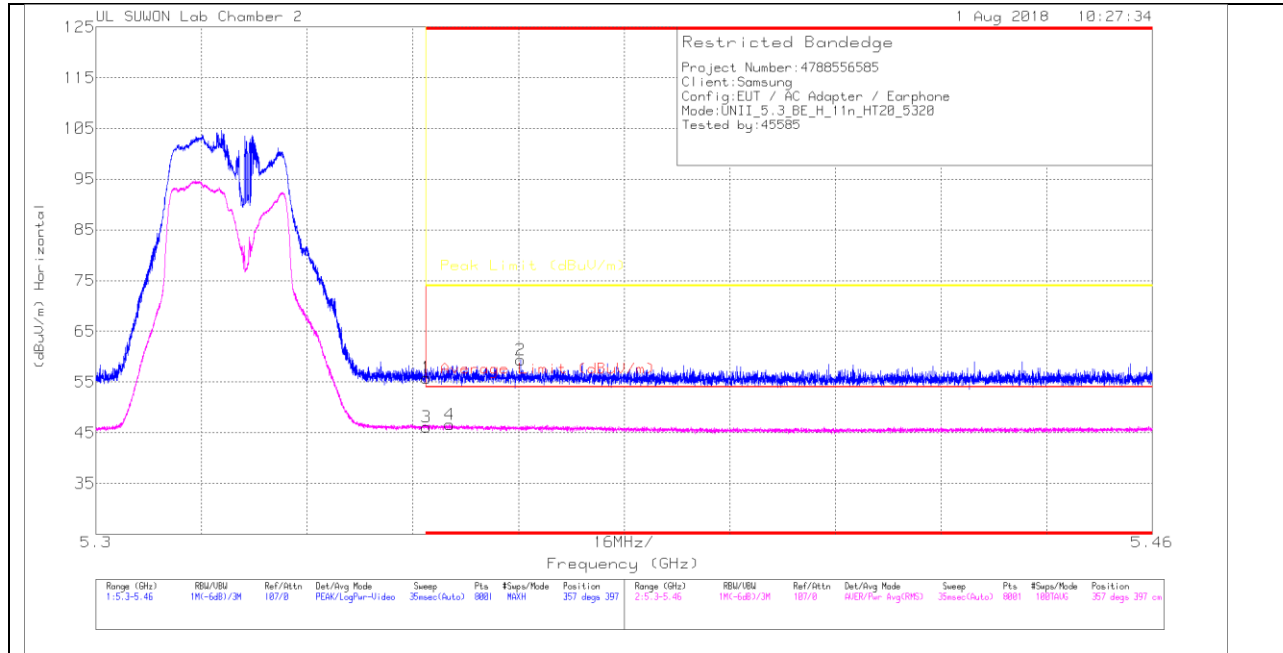
PK – Peak detector

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

11.2.2.TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

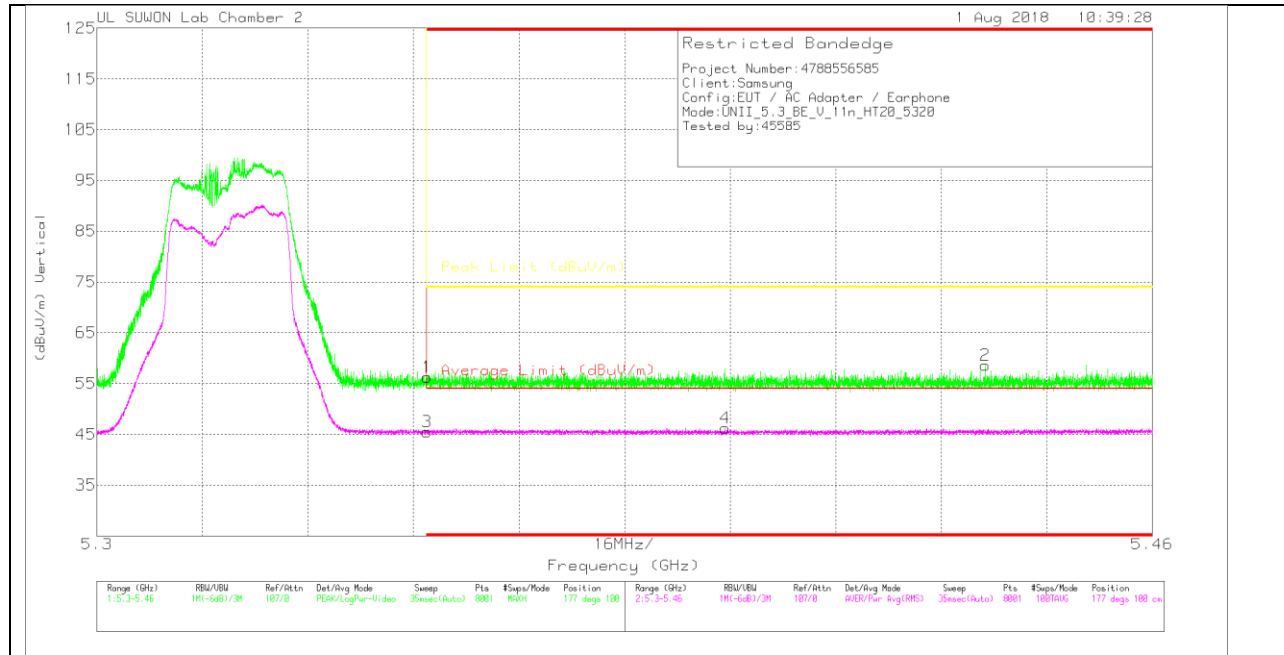
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117(00168724)	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	36.83	Pk	34.2	-15.2	0	55.83	-	-	74	-18.17	357	397	H
2	* 5.364	40.39	Pk	34.2	-15.2	0	59.39	-	-	74	-14.61	357	397	H
3	* 5.35	27.14	RMS	34.2	-15.2	0	46.14	54	-7.86	-	-	357	397	H
4	* 5.354	27.62	RMS	34.2	-15.2	0	46.62	54	-7.38	-	-	357	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	170531_3117[00168724]	10dB(dB)	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	37.26	Pk	34.2	-15.2	0	56.26	-	-	74	-17.74	177	100	V
2	* 5.435	39.4	Pk	34.3	-15.1	0	58.6	-	-	74	-15.4	177	100	V
3	* 5.35	26.55	RMS	34.2	-15.2	0	45.55	54	-8.45	-	-	177	100	V
4	* 5.395	27.26	RMS	34.2	-15.2	0	46.26	54	-7.74	-	-	177	100	V

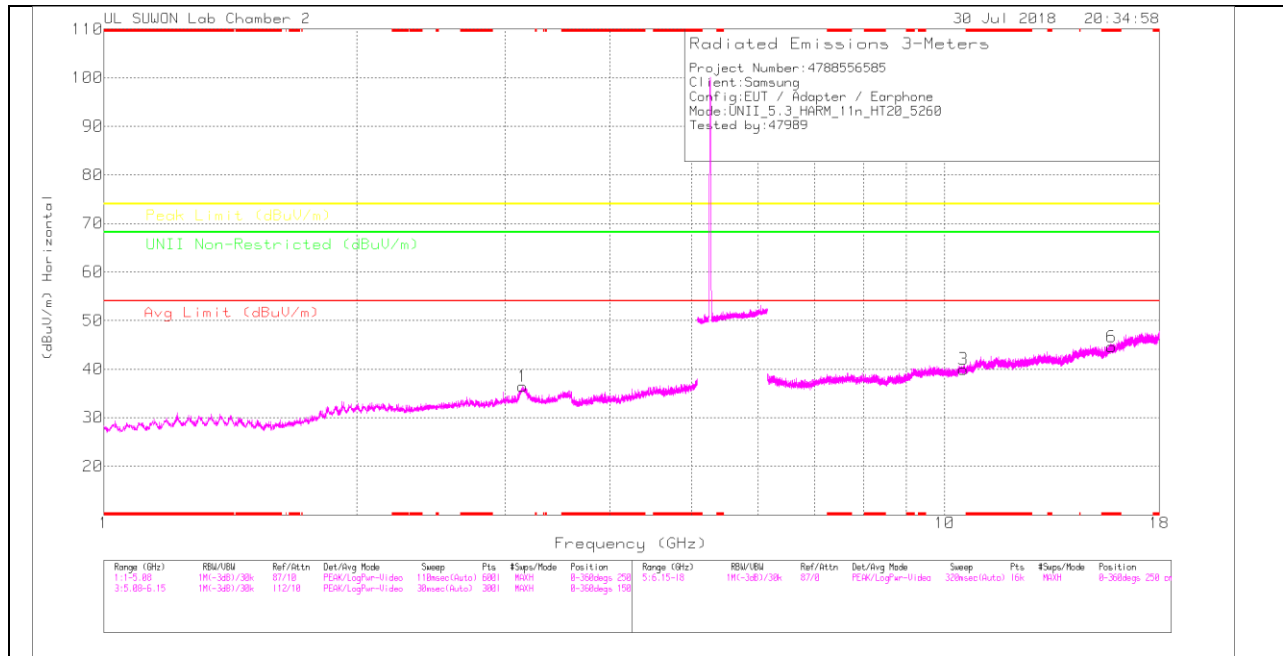
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

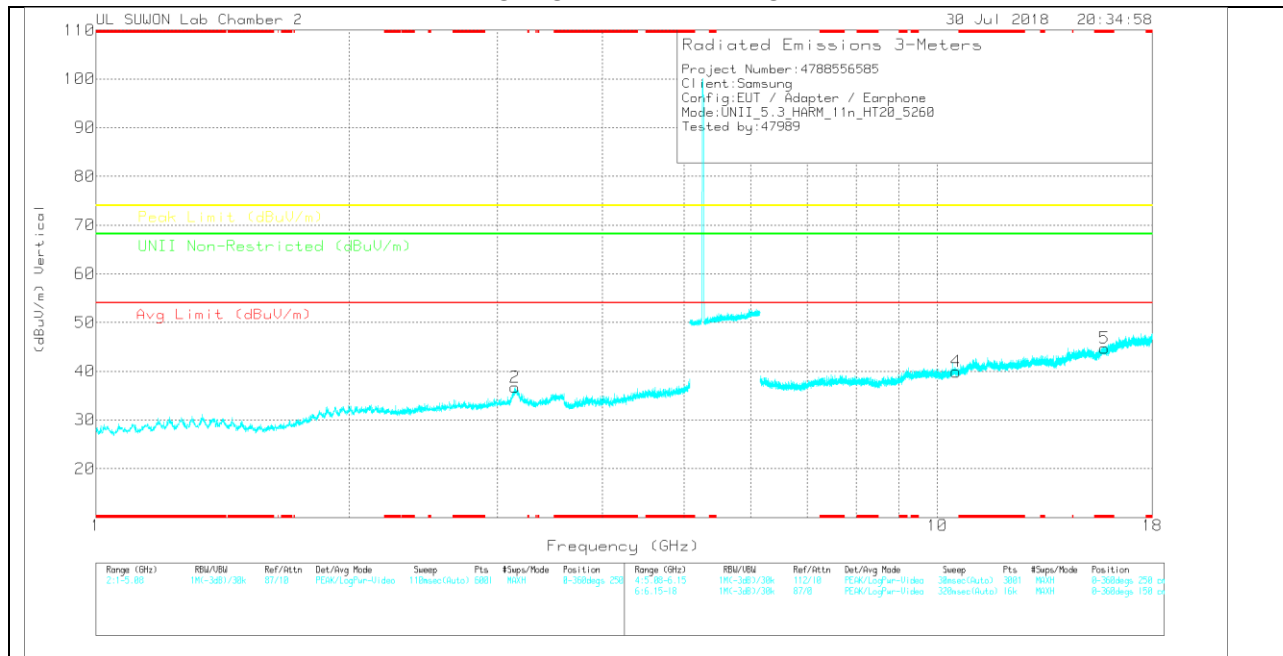
RMS - RMS detection

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

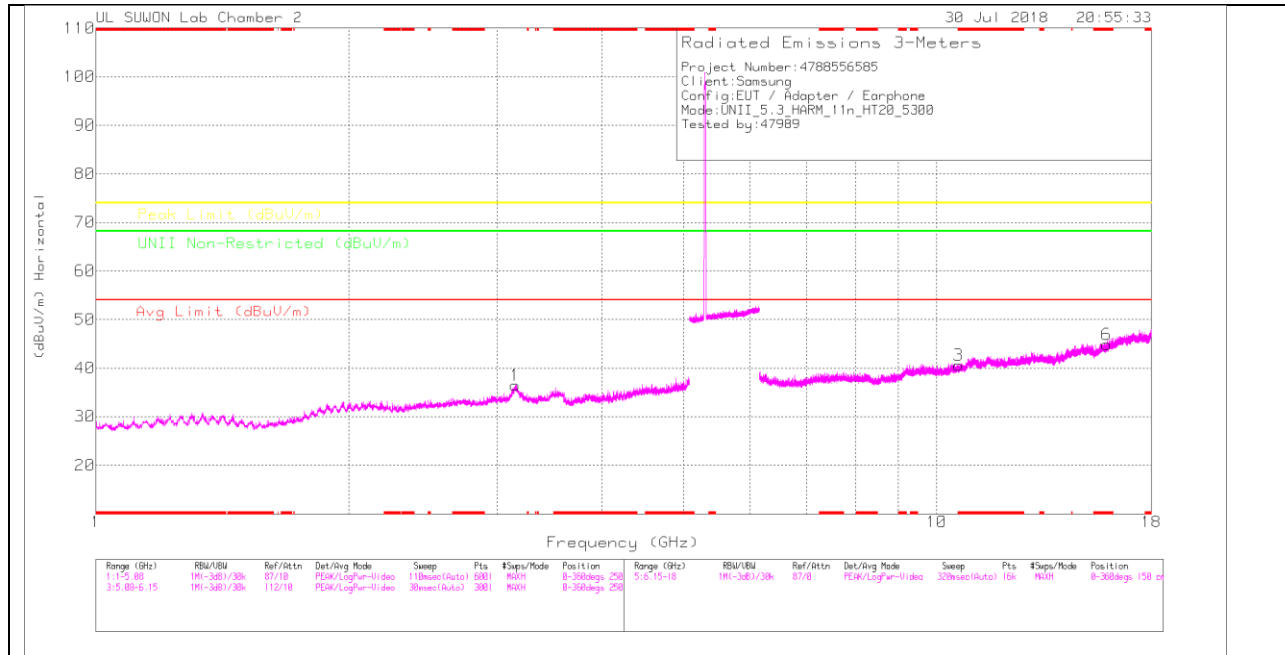
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	170531_3117001887 24	SCN1_LF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.146	27.92	PK	34.7	-26.2	0	36.42	-	-	-	-	68.2	-31.78	0-360	250	H
2	3.148	28.05	PK	34.8	-26.2	0	36.65	-	-	-	-	68.2	-31.55	0-360	250	V
3	10.525	19.1	PK	37.5	-16.6	0	40	-	-	-	-	68.2	-28.2	0-360	150	H
6	* 15.79	19.27	PK	40.1	-14.8	0	44.57	-	-	74	-29.43	-	-	0-360	150	H
4	10.523	18.98	PK	37.5	-16.6	0	39.88	-	-	-	-	68.2	-28.32	0-360	250	V
5	* 15.787	19.32	PK	40.1	-14.7	0	44.72	-	-	74	-29.28	-	-	0-360	150	V

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

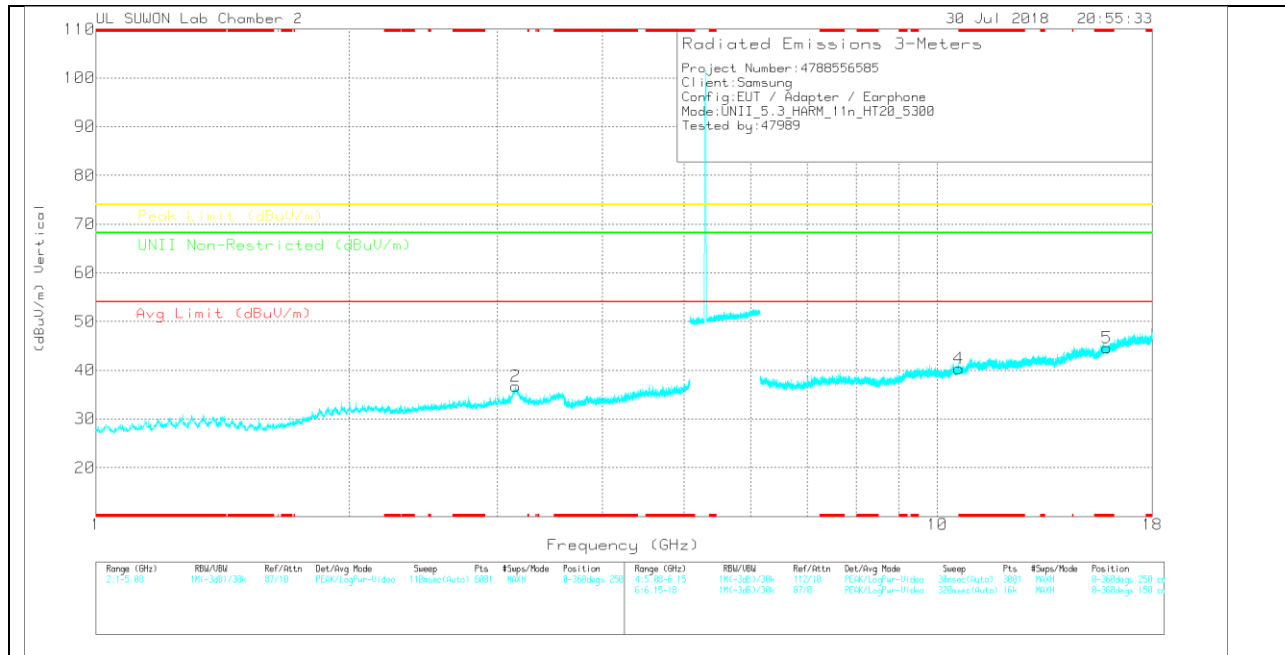
PK – Peak detector

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

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

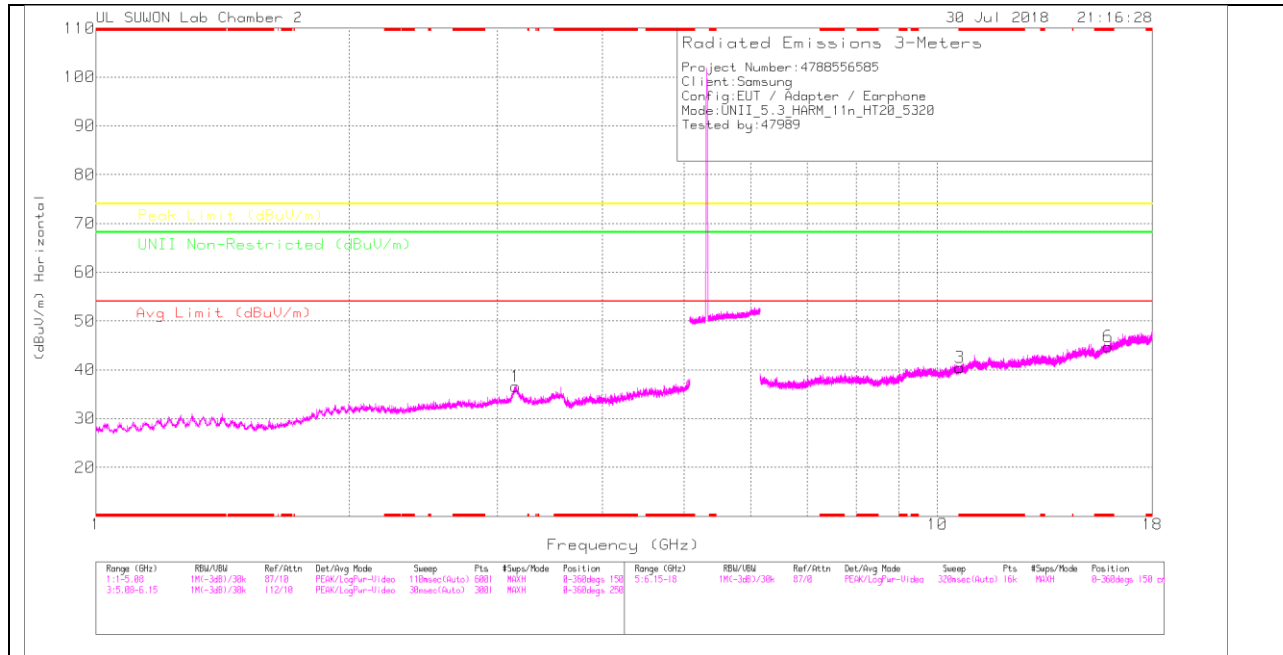
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117001687 24	5GHz_LP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNR Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.151	27.59	PK	34.9	-26.1	0	36.39	-	-	-	-	68.2	-31.81	0-360	150	H
2	3.154	27.93	PK	34.8	-26	0	36.73	-	-	-	-	68.2	-31.47	0-360	150	V
3	* 10.608	19.71	PK	37.6	-16.7	0	40.61	-	-	74	-33.39	-	-	0-360	250	H
6	* 15.92	19.28	PK	40.3	-14.7	0	44.88	-	-	74	-29.12	-	-	0-360	250	H
4	* 10.605	19.39	PK	37.6	-16.7	0	40.29	-	-	74	-33.71	-	-	0-360	250	V
5	* 15.91	18.86	PK	40.3	-14.6	0	44.56	-	-	74	-29.44	-	-	0-360	150	V

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

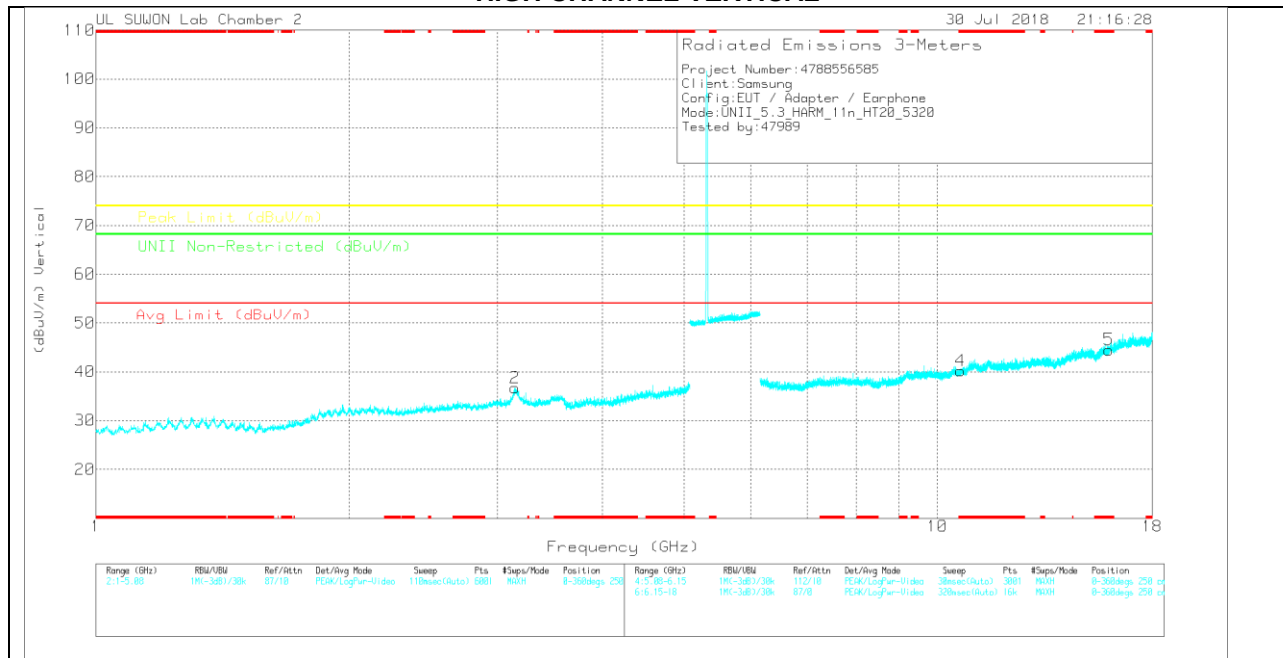
PK – Peak detector

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

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_3117003887 24)	50Hz_1F(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	3.152	27.89	PK	34.8	-26.1	0	36.59	-	-	-	-	68.2	-31.61	0-360	250	H
2	3.149	28.11	PK	34.8	-26.2	0	36.71	-	-	-	-	68.2	-31.49	0-360	150	V
3	* 10.636	19.34	PK	37.7	-16.6	0	40.44	-	-	74	-33.56	-	-	0-360	150	H
6	* 15.955	18.75	PK	40.4	-14.4	0	44.75	-	-	74	-29.25	-	-	0-360	250	H
4	* 10.646	19.12	PK	37.7	-16.6	0	40.22	-	-	74	-33.78	-	-	0-360	250	V
5	* 15.977	18.53	PK	40.4	-14.4	0	44.53	-	-	74	-29.47	-	-	0-360	250	V

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

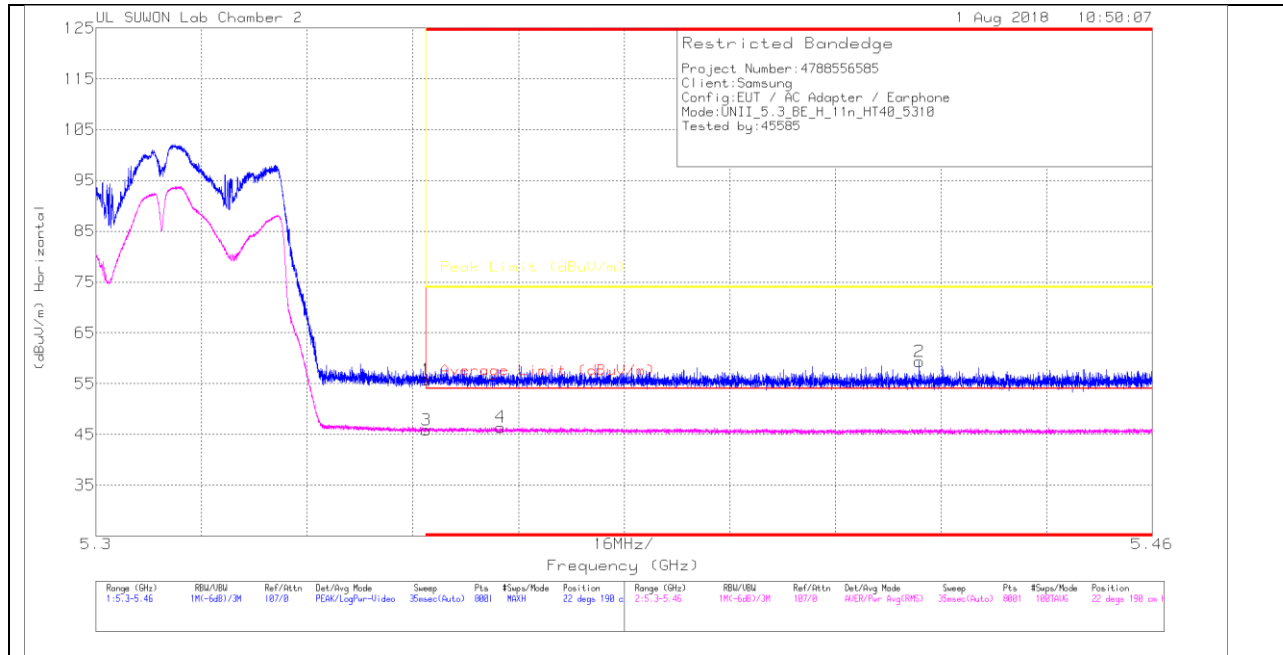
PK – Peak detector

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

11.2.3.TX ABOVE 1GHz 802.11n HT40 2Tx CDD MODE IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

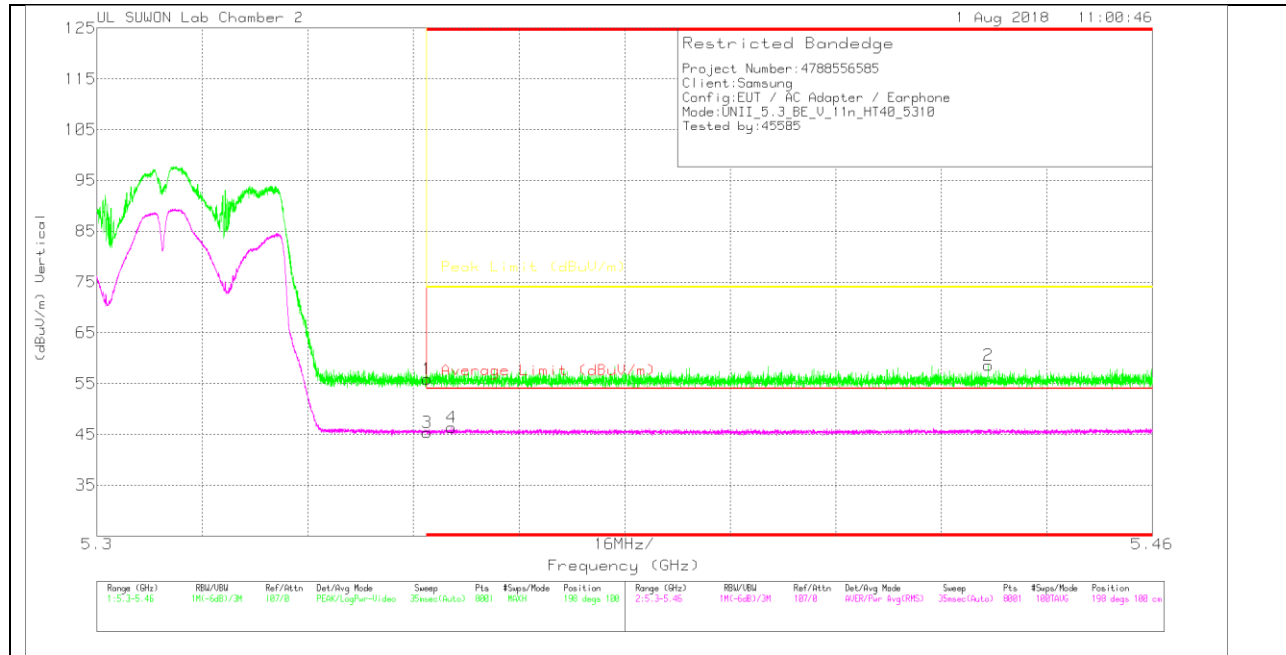
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_311700168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	36.74	Pk		34.2	-15.2	55.74	-	-	74	-18.26	22	190	H
2	* 5.425	40.31	Pk		34.2	-15.1	59.41	-	-	74	-14.59	22	190	H
3	* 5.35	26.85	RMS		34.2	-15.2	45.85	54	-8.15	-	-	22	190	H
4	* 5.361	27.43	RMS		34.2	-15.2	46.43	54	-7.57	-	-	22	190	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	170531_3117[00168724]	10dB(dB)	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	36.94	Pk	34.2	-15.2	0	55.94	-	-	74	-18.06	198	100	V
2	* 5.435	39.44	Pk	34.3	-15.1	0	58.64	-	-	74	-15.36	198	100	V
3	* 5.35	26.37	RMS	34.2	-15.2	0	45.37	54	-8.63	-	-	198	100	V
4	* 5.354	27.41	RMS	34.2	-15.2	0	46.41	54	-7.59	-	-	198	100	V

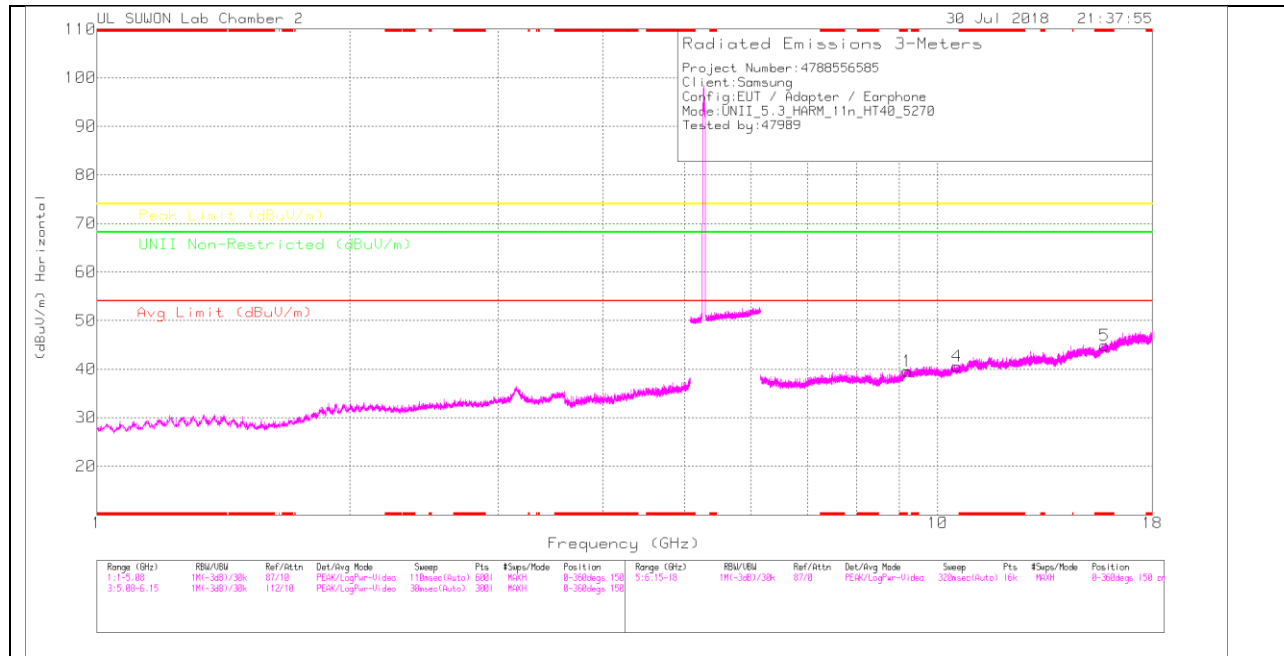
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

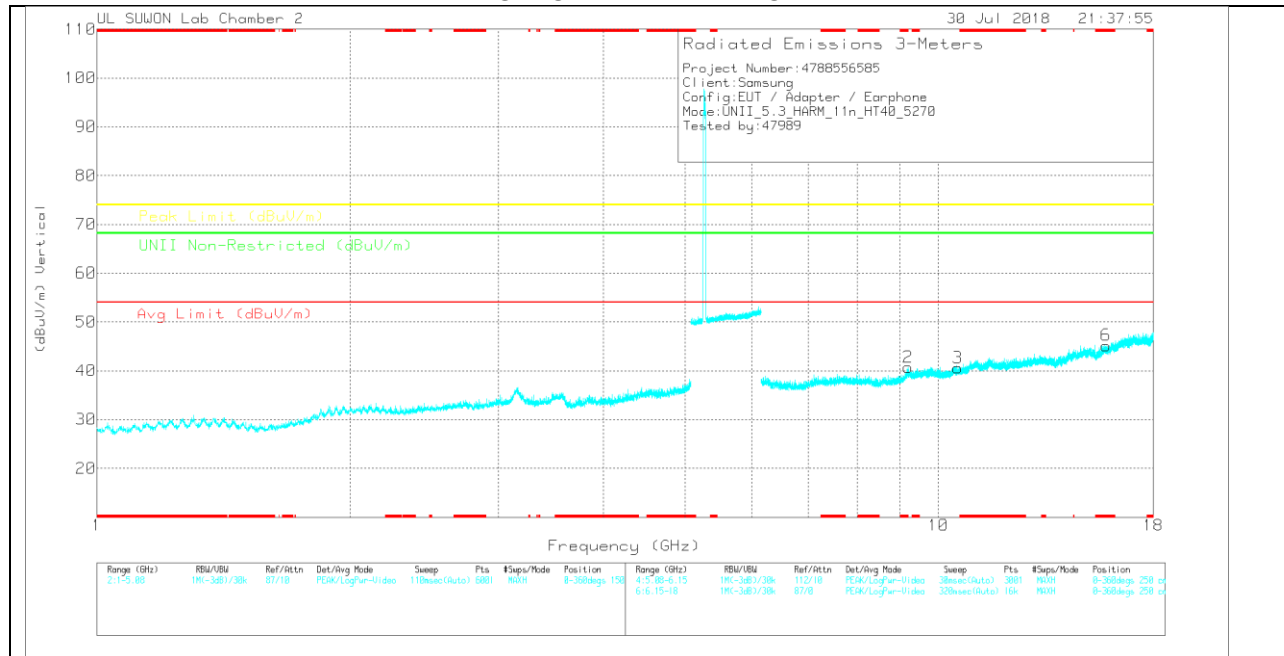
RMS - RMS detection

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

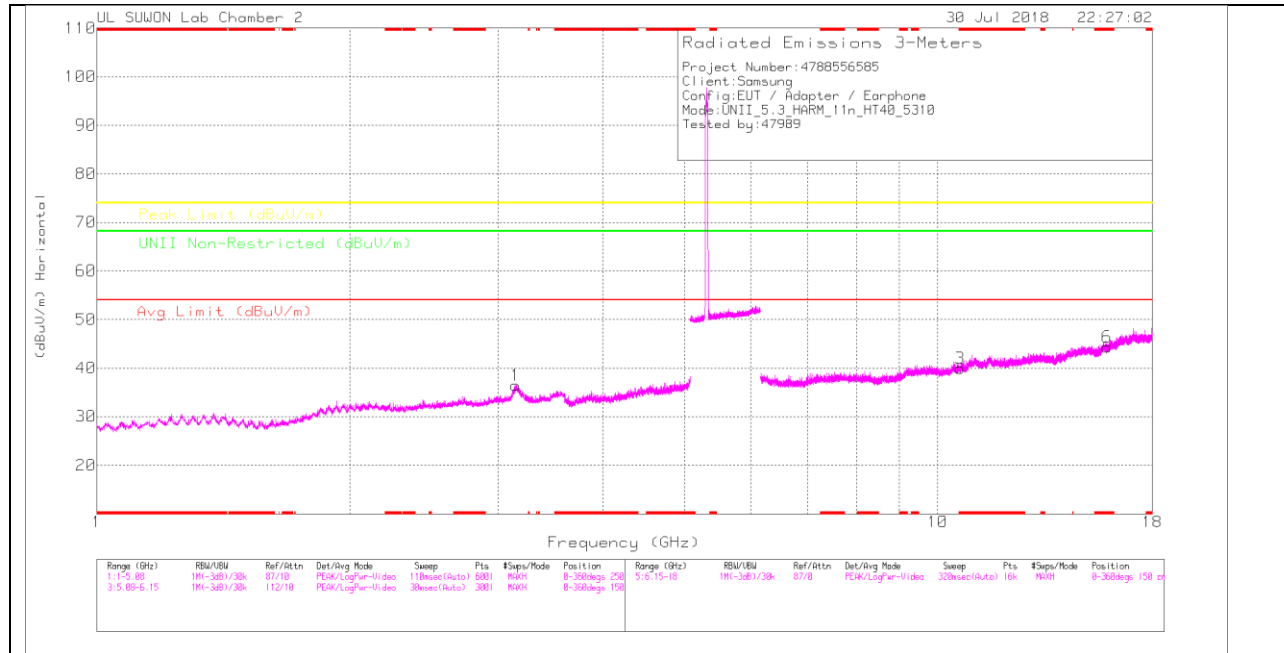
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117003887 24]	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unlit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	9.207	20.82	PK	36.4	-17.7	0	39.52	-	-	-	-	68.2	-28.68	0-360	150	H
4	10.537	19.6	PK	37.6	-16.6	0	40.6	-	-	-	-	68.2	-27.6	0-360	250	H
5	* 15.802	19.57	PK	40.1	-14.8	0	44.87	-	-	74	-29.13	-	-	0-360	150	H
2	9.206	21.96	PK	36.4	-17.6	0	40.76	-	-	-	-	68.2	-27.44	0-360	250	V
3	10.539	19.55	PK	37.6	-16.6	0	40.55	-	-	-	-	68.2	-27.65	0-360	250	V
6	* 15.811	19.78	PK	40.1	-14.7	0	45.18	-	-	74	-28.82	-	-	0-360	250	V

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

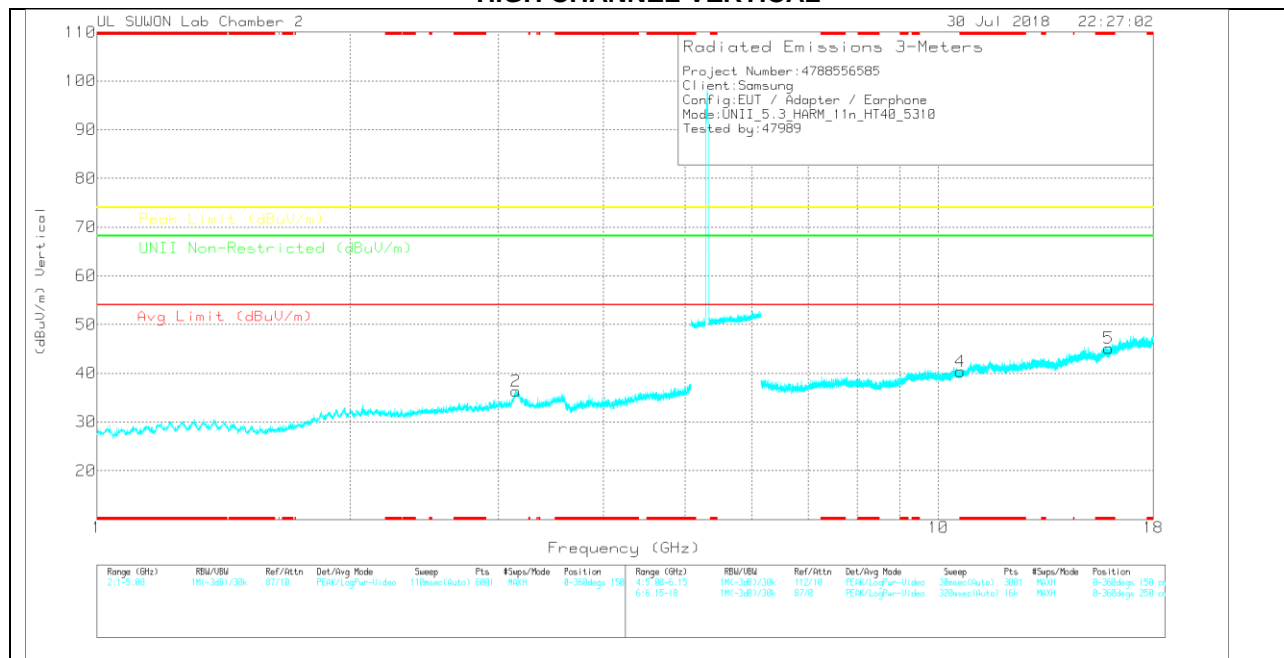
PK – Peak detector

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	170531_3117001887 24	SCN1_P(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.147	27.84	PK	34.8	-26.2	0	36.44	-	-	-	-	68.2	-31.76	0-360	150	H
2	3.147	27.75	PK	34.8	-26.2	0	36.35	-	-	-	-	68.2	-31.85	0-360	250	V
3	* 10.631	18.99	PK	37.7	-16.7	0	39.99	-	-	74	-34.01	-	-	0-360	150	H
6	* 15.909	18.68	PK	40.3	-14.7	0	44.28	-	-	74	-29.72	-	-	0-360	150	H
4	* 10.62	19.44	PK	37.6	-16.7	0	40.34	-	-	74	-33.66	-	-	0-360	250	V
5	* 15.925	19.43	PK	40.3	-14.6	0	45.13	-	-	74	-28.87	-	-	0-360	150	V

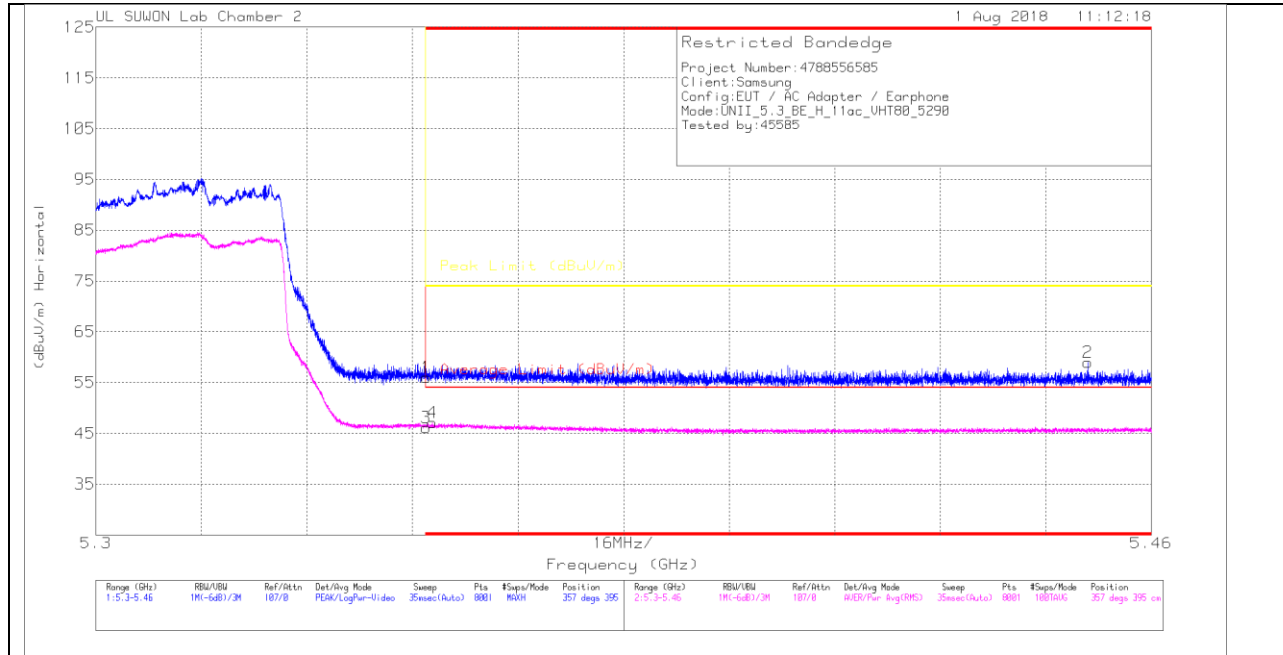
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

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

11.2.4. TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE 5.3GHz BAND

RESTRICTED BANDEDGE (High CHANNEL) HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

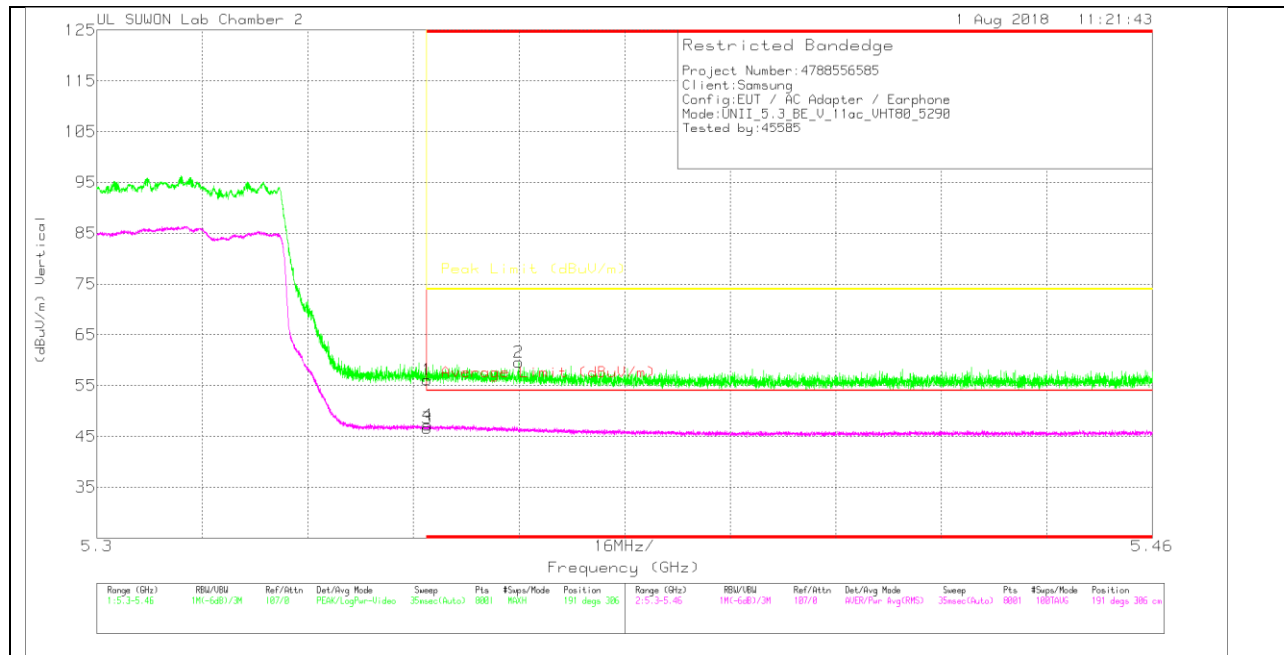
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_311700168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	36.96	Pk		34.2	-15.2	0	55.96	-	74	-18.04	357	395	H
2	* 5.45	39.8	Pk		34.3	-15.1	0	59	-	74	-15	357	395	H
3	* 5.35	27.15	RMS		34.2	-15.2	0	46.15	54	-7.85	-	357	395	H
4	* 5.351	28.12	RMS		34.2	-15.2	0	47.12	54	-6.88	-	357	395	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	170531_3117[00168724]	10dB(dB)	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	37.18	Pk	34.2	-15.2	0	56.18	-	-	74	-17.82	191	306	V
2	* 5.364	40.57	Pk	34.2	-15.2	0	59.57	-	-	74	-14.43	191	306	V
3	* 5.35	27.61	RMS	34.2	-15.2	0	46.61	54	-7.39	-	-	191	306	V
4	* 5.35	28.24	RMS	34.2	-15.2	0	47.24	54	-6.76	-	-	191	306	V

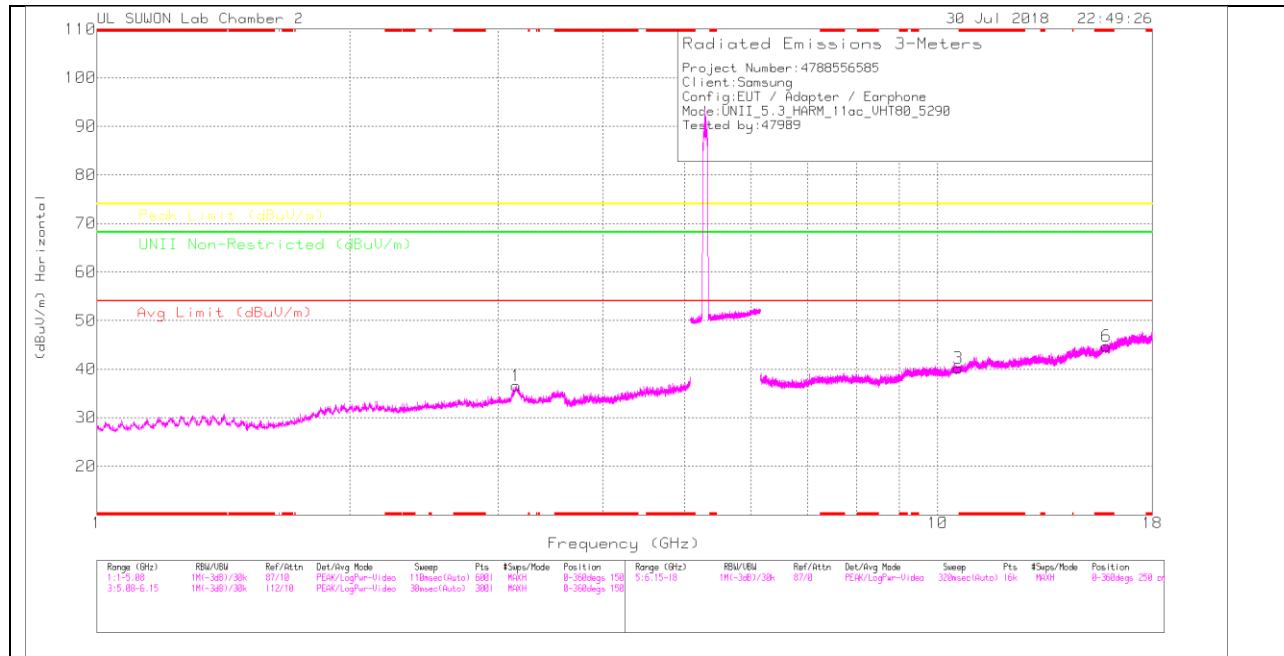
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

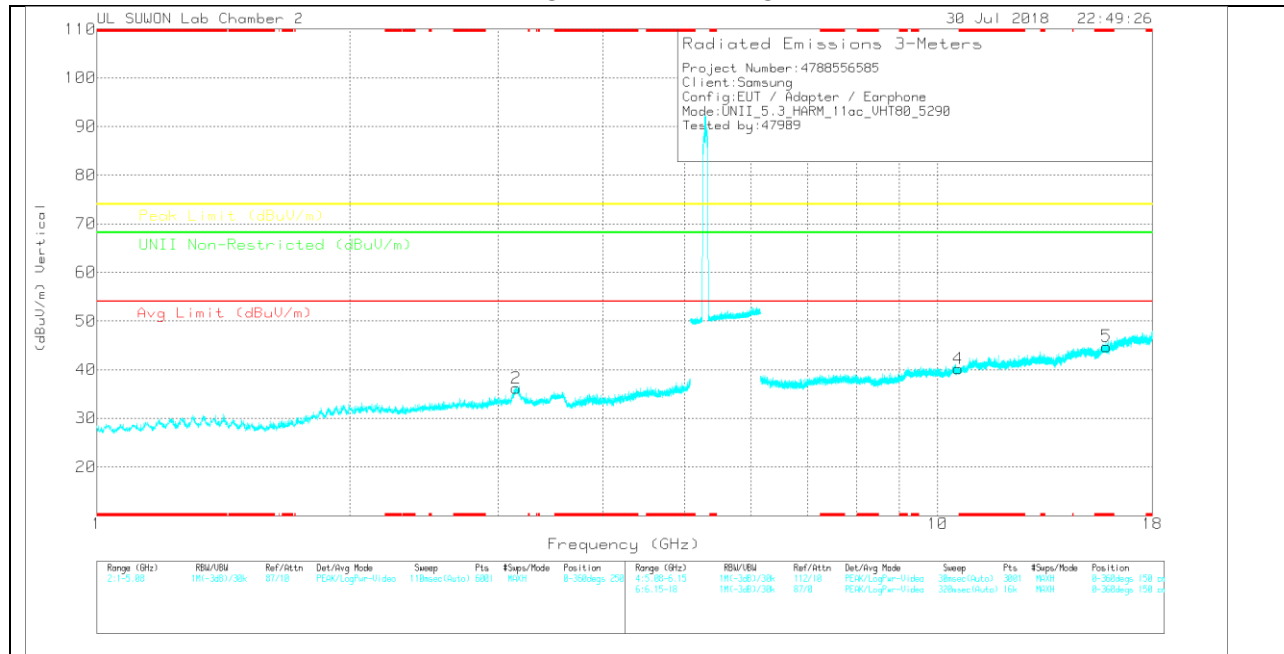
RMS - RMS detection

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)	50Hz_1F(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	3.152	27.73	PK	34.9	-26.1	0	36.53	-	-	-	-	68.2	-31.67	0-360	250	H
2	3.155	27.44	PK	34.8	-26	0	36.24	-	-	-	-	68.2	-31.96	0-360	250	V
3	10.587	19.15	PK	37.6	-16.5	0	40.25	-	-	-	-	68.2	-27.95	0-360	250	H
6	* 15.882	19.32	PK	40.2	-14.8	0	44.72	-	-	74	-29.28	-	-	0-360	250	H
4	10.585	19.07	PK	37.6	-16.5	0	40.17	-	-	-	-	68.2	-28.03	0-360	250	V
5	* 15.878	19.29	PK	40.2	-14.7	0	44.79	-	-	74	-29.21	-	-	0-360	250	V

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

PK – Peak detector

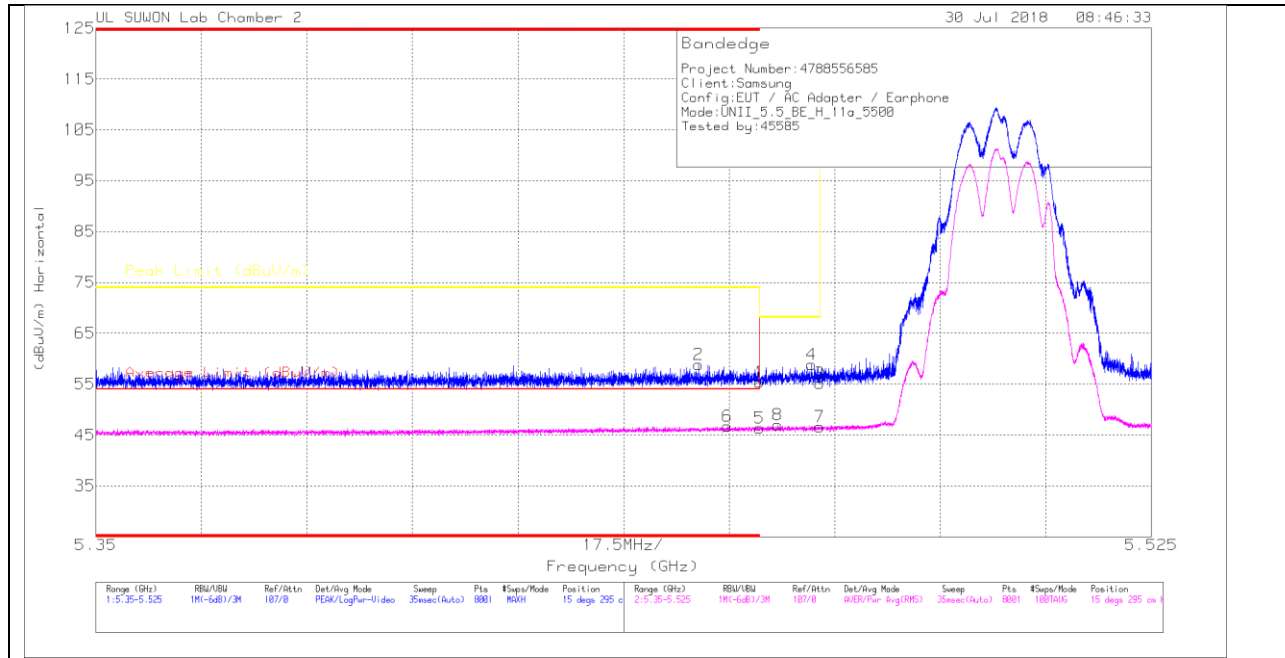
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3. 5.5-5.6 GHz

11.3.1. TX ABOVE 1 GHz 802.11a 2Tx CDD MODE IN THE 5.5 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

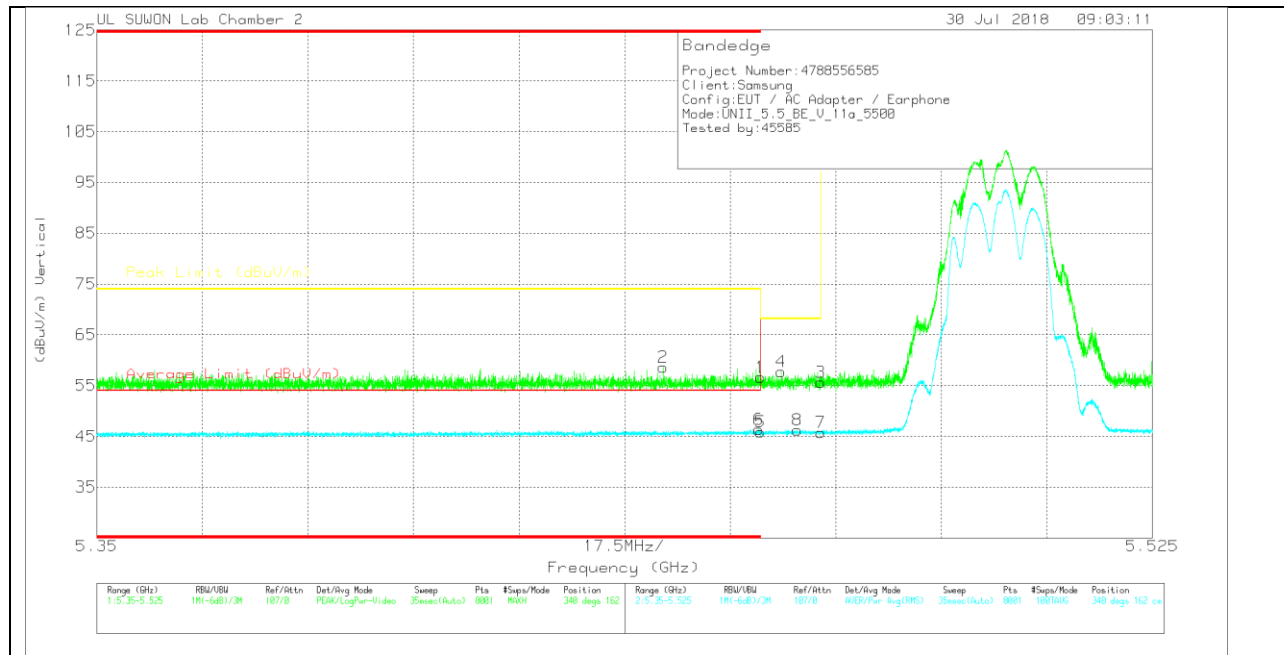
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117(00168724)	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	36.12	Pk	34.3	-15	0	55.42	-	-	74	-18.58	15	295	H
2	* 5.45	39.68	Pk	34.3	-15.1	0	58.88	-	-	74	-15.12	15	295	H
3	5.47	35.88	Pk	34.3	-15	0	55.18	-	-	68.2	-13.02	15	295	H
4	5.469	39.55	Pk	34.3	-15	0	58.85	-	-	68.2	-9.35	15	295	H
5	* 5.46	27.02	RMS	34.3	-15	0	46.32	54	-7.68	-	-	15	295	H
6	* 5.455	27.57	RMS	34.3	-15.1	0	46.77	54	-7.23	-	-	15	295	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	170531_3117(00168724)	10dB(dB)	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	* 5.46	37.37	Pk	34.3	-15	0	56.67	-	-	74	-17.33	340	162	V
2	* 5.444	39.37	Pk	34.3	-15.1	0	58.57	-	-	74	-15.43	340	162	V
3	5.47	36.34	Pk	34.3	-15	0	55.64	-	-	68.2	-12.56	340	162	V
4	5.463	38.58	Pk	34.3	-15.1	0	57.78	-	-	68.2	-10.42	340	162	V
5	* 5.46	26.61	RMS	34.3	-15	0	45.91	54	-8.09	-	-	340	162	V
6	* 5.46	27.06	RMS	34.3	-15	0	46.36	54	-7.64	-	-	340	162	V

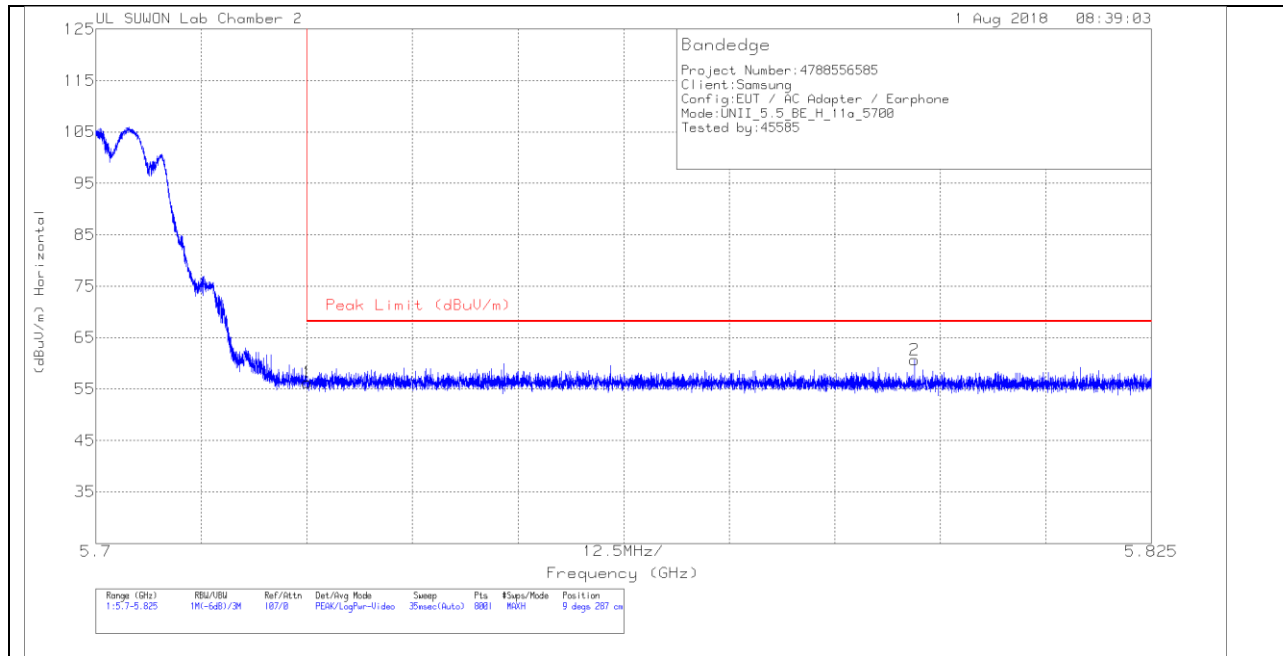
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



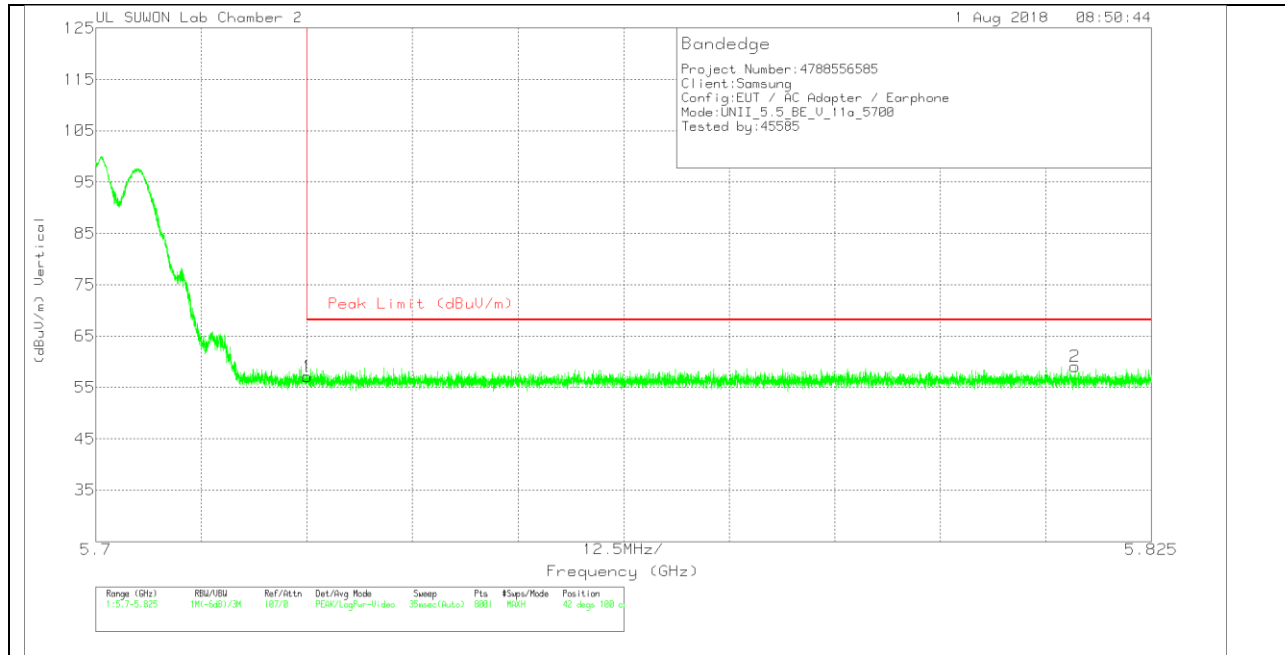
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117[001687 24]	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.34	Pk	34.4	-14.5	0	56.24	68.2	-11.96	9	287	H
2	5.797	40.6	Pk	34.5	-14.4	0	60.7	68.2	-7.5	9	287	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

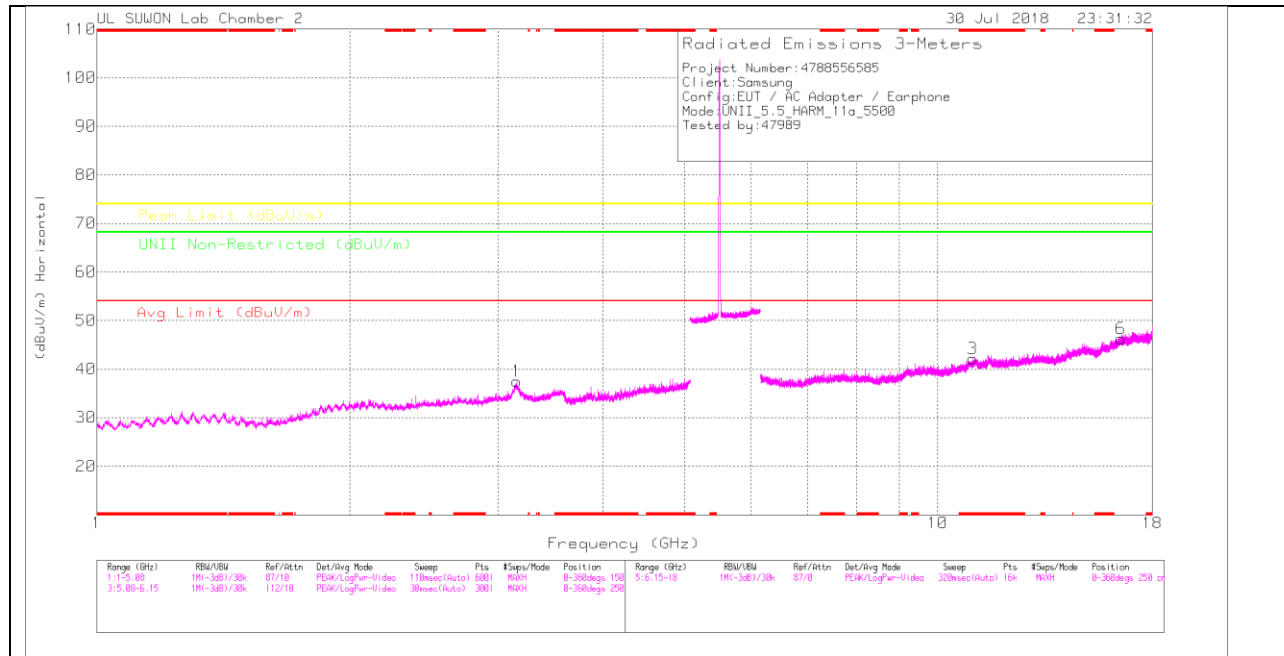
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117[001687 24]	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.27	Pk	34.4	-14.5	0	57.17	68.2	-11.03	42	100	V
2	5.816	38.95	Pk	34.5	-14.4	0	59.05	68.2	-9.15	42	100	V

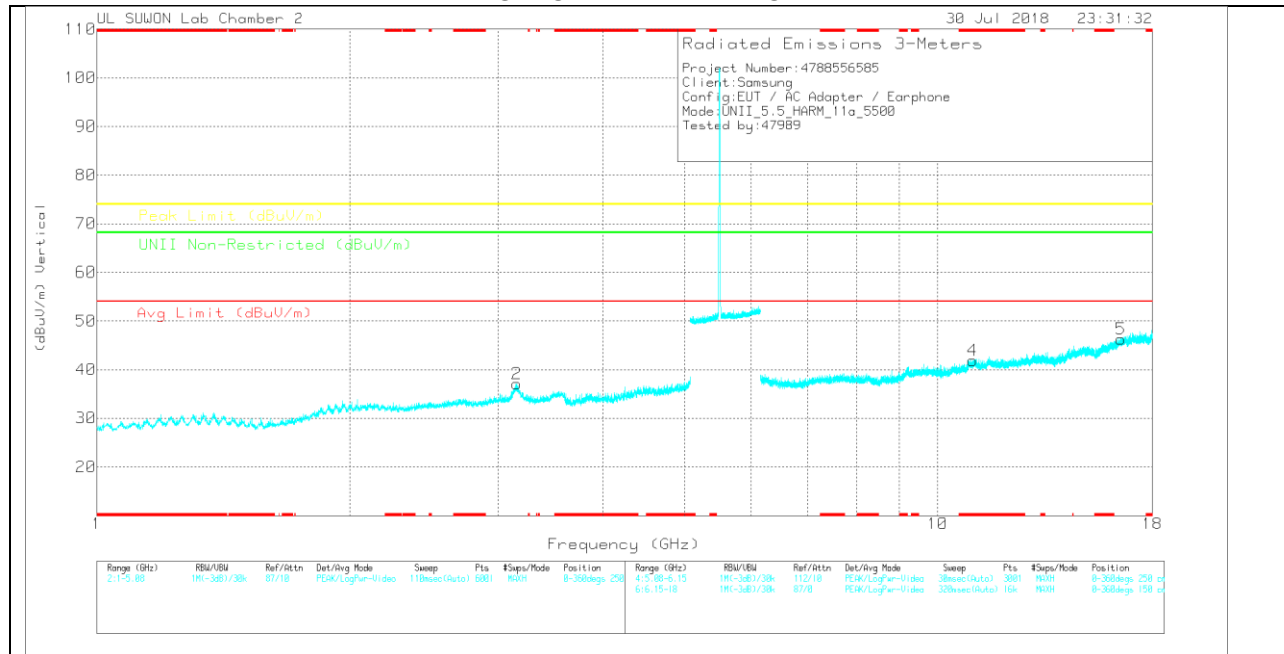
Pk - Peak detector

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)	Marker Reading (dBuV)	Det	170531_3117001887 24	50Hz_LF(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	3.156	28.76	PK	34.7	-26	0	37.46	-	-	-	-	68.2	-30.74	0-360	150	H
2	3.159	28.51	PK	34.6	-26	0	37.11	-	-	-	-	68.2	-31.09	0-360	150	V
3	* 11.005	20.09	PK	38	-16	0	42.09	-	-	74	-31.91	-	-	0-360	150	H
6	16.51	20.01	PK	40.7	-14.4	0	46.31	-	-	-	-	68.2	-21.89	0-360	150	H
4	* 11.008	19.99	PK	38	-16.1	0	41.89	-	-	74	-32.11	-	-	0-360	250	V
5	16.514	19.97	PK	40.7	-14.4	0	46.27	-	-	-	-	68.2	-21.93	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).