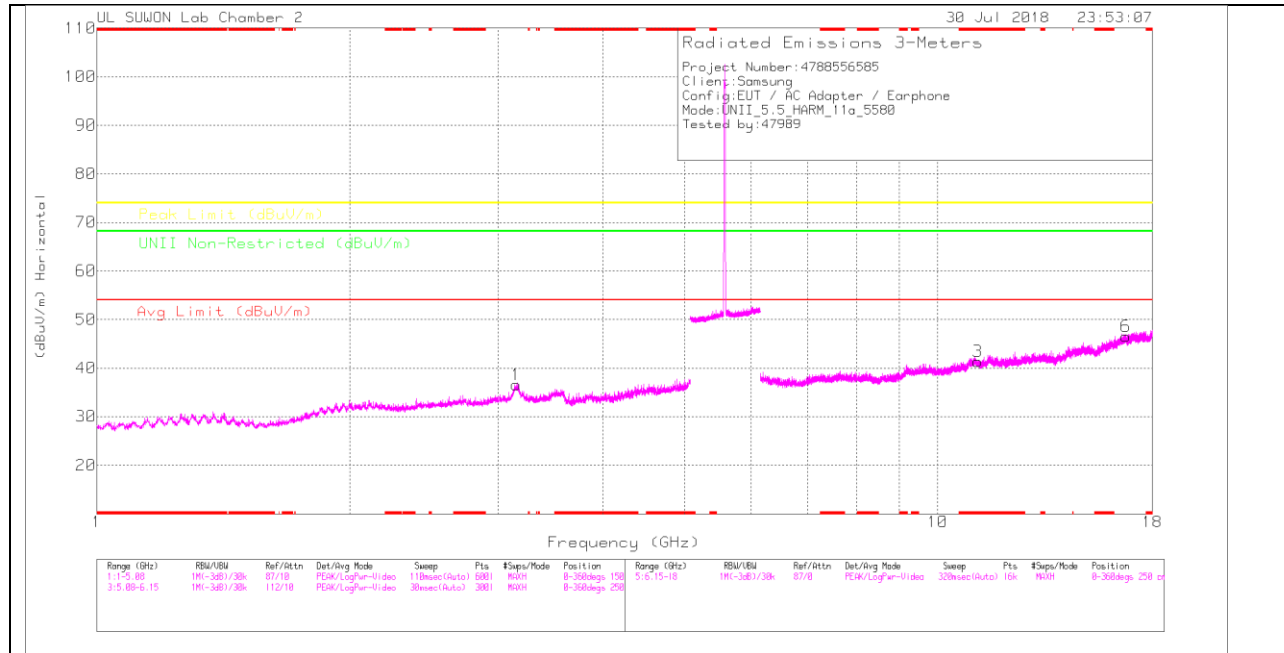
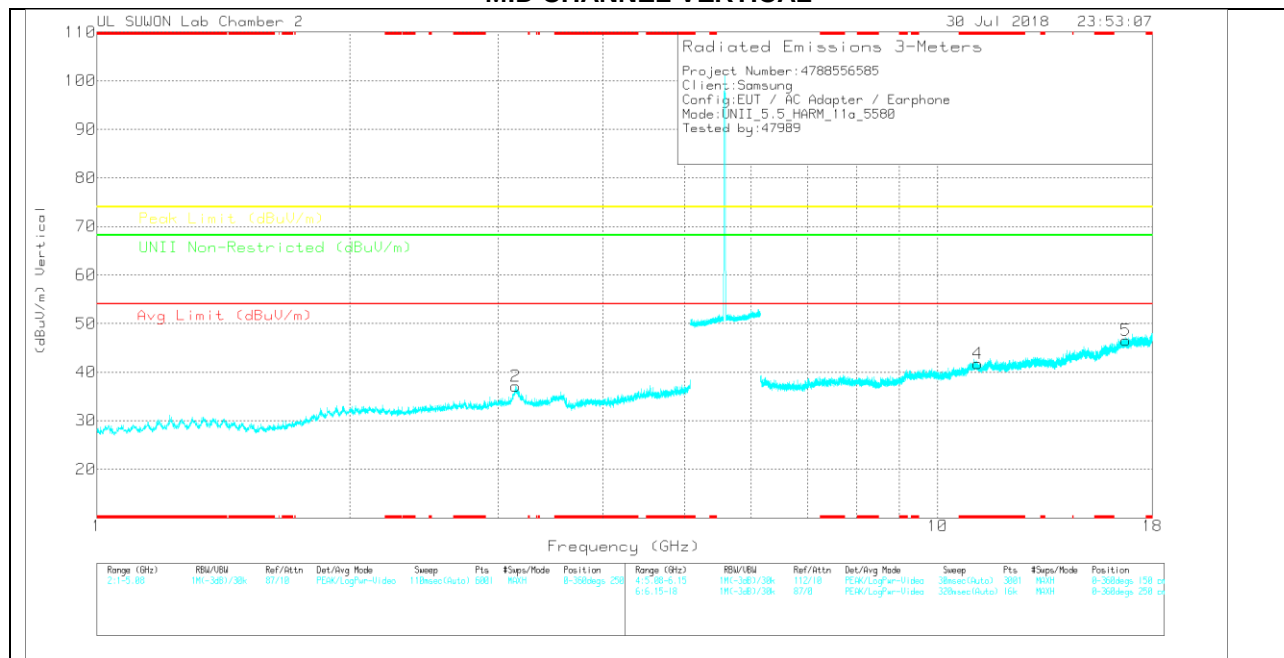


MID CHANNEL HORIZONTAL



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

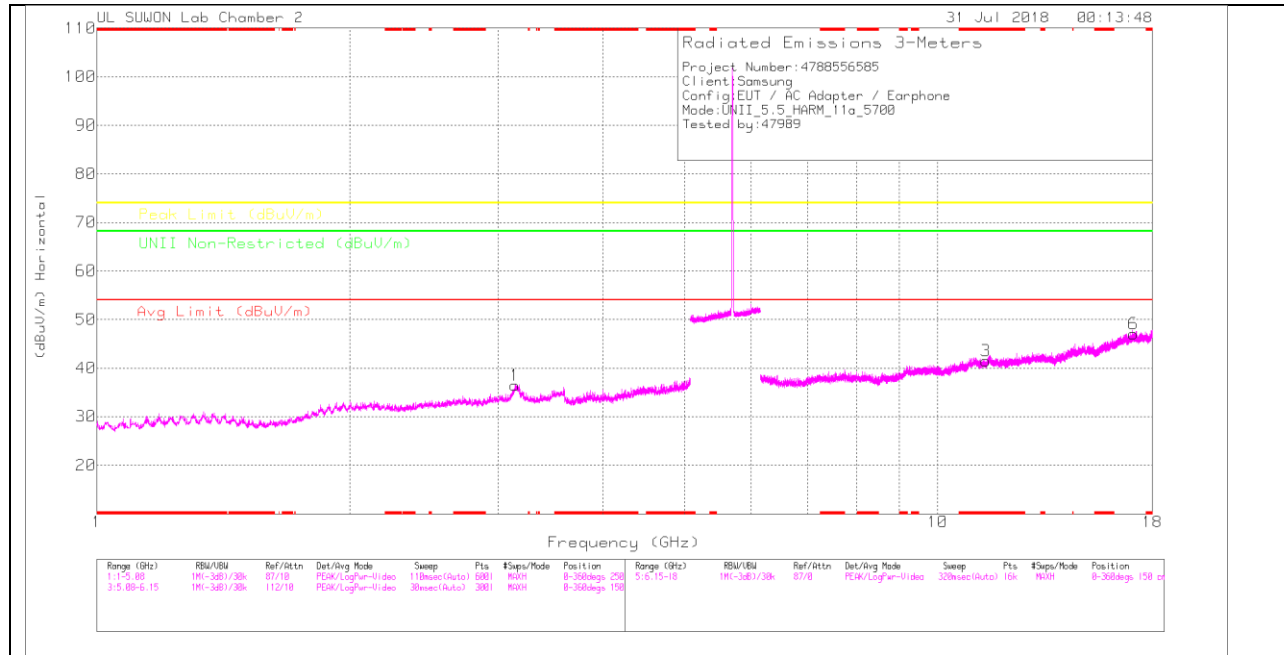
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	170531_3117001887 24	SCN1_LF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.151	27.79	PK	34.9	-26.1	0	36.59	-	-	-	-	68.2	-31.61	0-360	150	H
2	3.148	28.45	PK	34.8	-26.2	0	37.05	-	-	-	-	68.2	-31.15	0-360	250	V
3	* 11.149	19.71	PK	37.9	-16.2	0	41.41	-	-	74	-32.59	-	-	0-360	250	H
6	16.743	19.28	PK	40.9	-13.6	0	46.58	-	-	-	-	68.2	-21.62	0-360	150	H
4	* 11.151	20.03	PK	37.9	-16.2	0	41.73	-	-	74	-32.27	-	-	0-360	150	V
5	16.748	19.28	PK	40.9	-13.6	0	46.58	-	-	-	-	68.2	-21.62	0-360	250	V

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

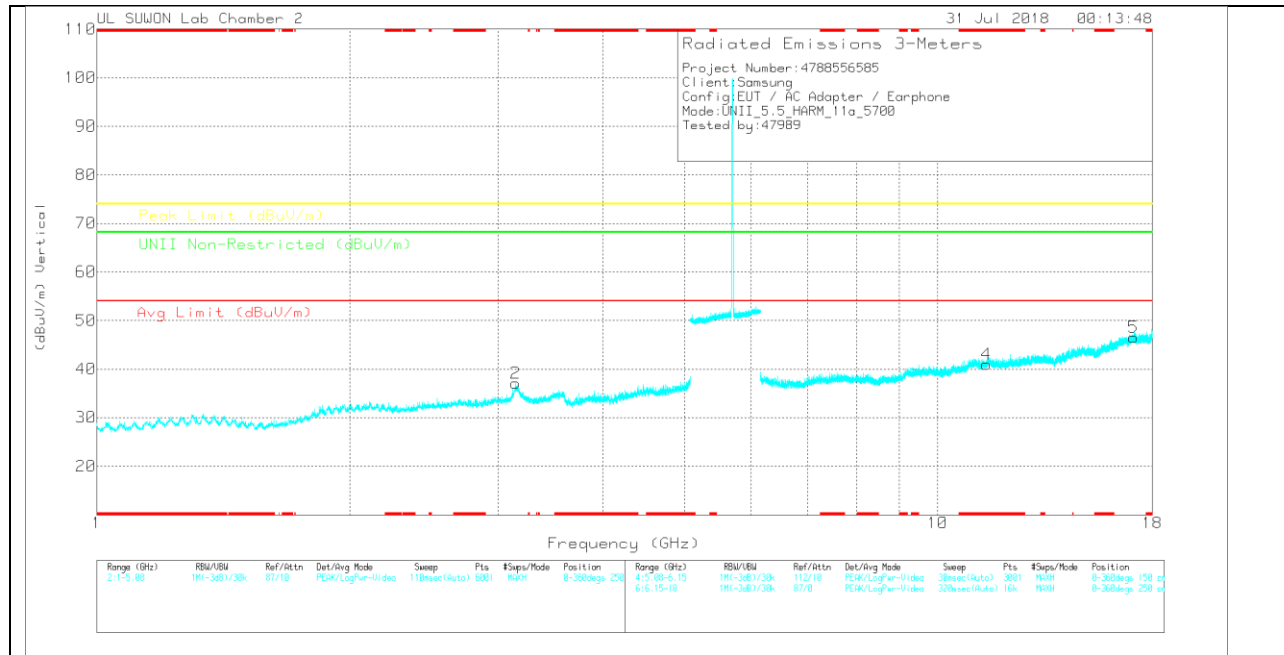
PK – Peak detector

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)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.141	28.28	PK	34.5	-26.3	0	36.48	-	-	-	-	68.2	-31.72	0-360	250	H
2	3.15	28.34	PK	34.9	-26.1	0	37.14	-	-	-	-	68.2	-31.06	0-360	150	V
3	* 11.404	19.1	PK	38.1	-15.7	0	41.5	-	-	74	-32.5	-	-	0-360	150	H
6	17.101	19.26	PK	41.3	-13.5	0	47.06	-	-	-	-	68.2	-21.14	0-360	150	H
4	* 11.429	18.73	PK	38.1	-15.9	0	40.93	-	-	74	-33.07	-	-	0-360	150	V
5	17.098	18.77	PK	41.3	-13.5	0	46.57	-	-	-	-	68.2	-21.63	0-360	150	V

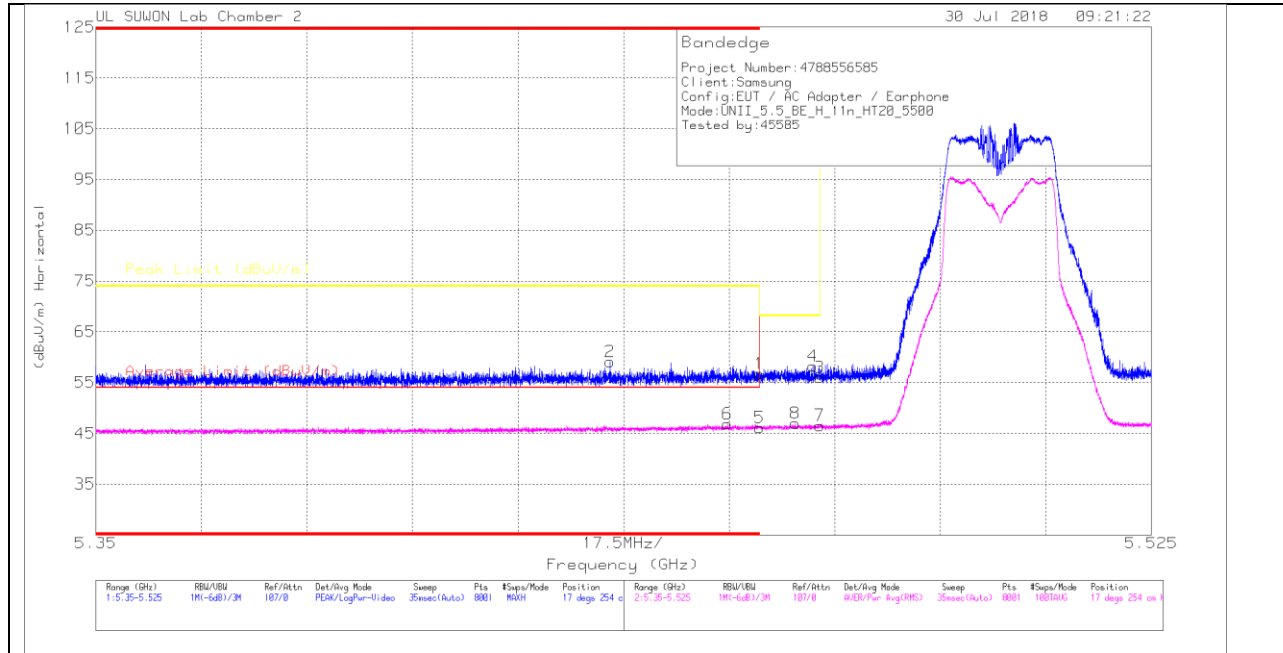
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 2Tx CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

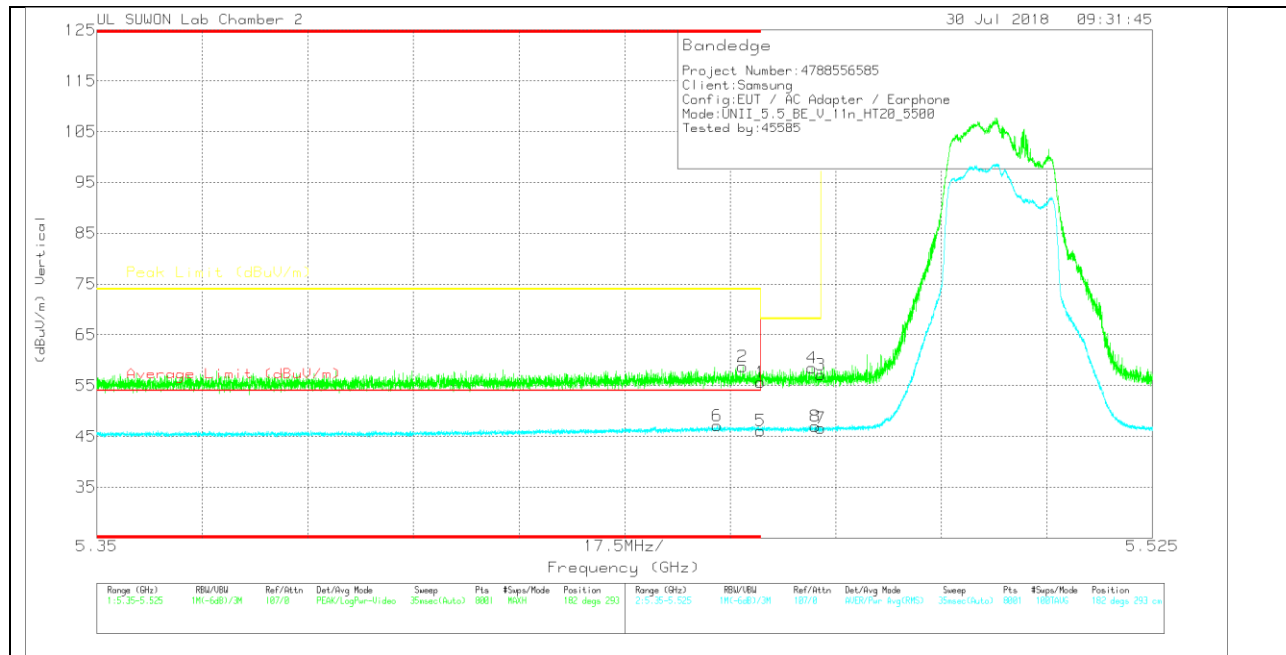
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117(00168724)	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	37.41	Pk		-15	0	56.71	-	-	74	-17.29	17	254	H
2	* 5.435	39.96	Pk		-15.1	0	59.16	-	-	74	-14.84	17	254	H
3	5.47	36.69	Pk		-15	0	55.99	-	-	68.2	-12.21	17	254	H
4	5.469	38.99	Pk		-15	0	58.29	-	-	68.2	-9.91	17	254	H
5	* 5.46	26.82	RMS		-15	0	46.12	54	-7.88	-	-	17	254	H
6	* 5.455	27.64	RMS		-15.1	0	46.84	54	-7.16	-	-	17	254	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	36.4	Pk	34.3	-15	0	55.7	-	-	74	-18.3	182	293	V
2	* 5.457	39.51	Pk	34.3	-15.1	0	58.71	-	-	74	-15.29	182	293	V
3	5.47	37.8	Pk	34.3	-15	0	57.1	-	-	68.2	-11.1	182	293	V
4	5.469	39.16	Pk	34.3	-15	0	58.46	-	-	68.2	-9.74	182	293	V
5	* 5.46	26.83	RMS	34.3	-15	0	46.13	54	-7.87	-	-	182	293	V
6	* 5.453	27.95	RMS	34.3	-15.1	0	47.15	54	-6.85	-	-	182	293	V

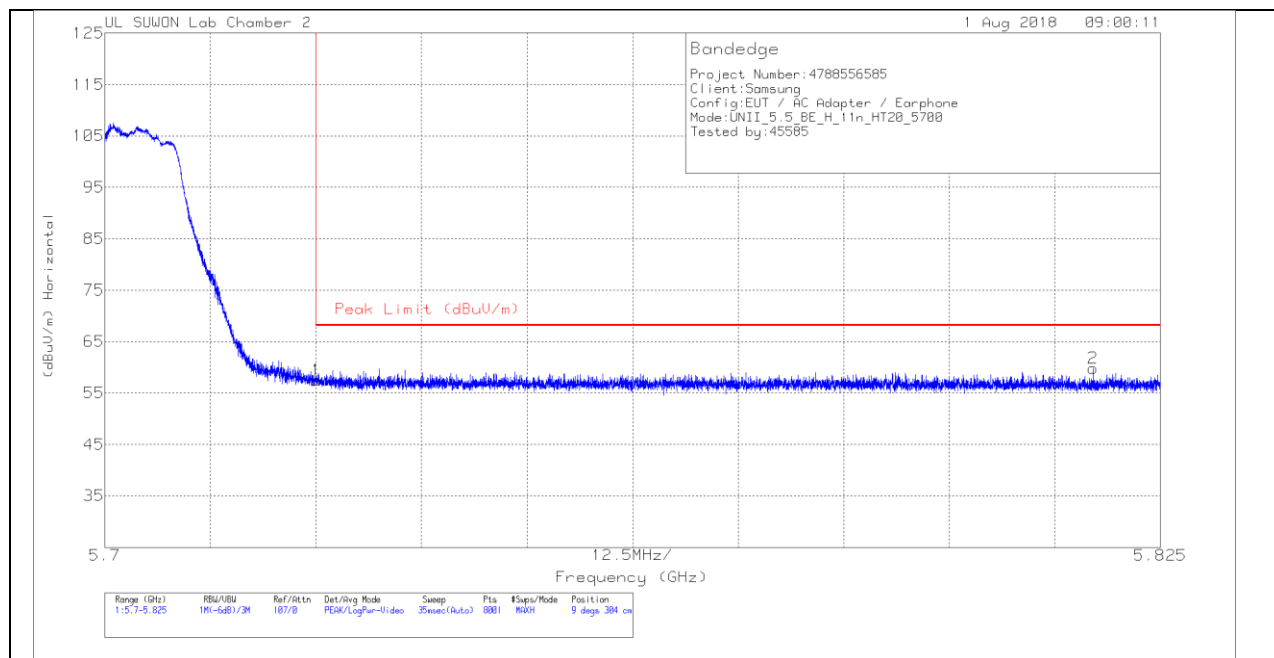
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



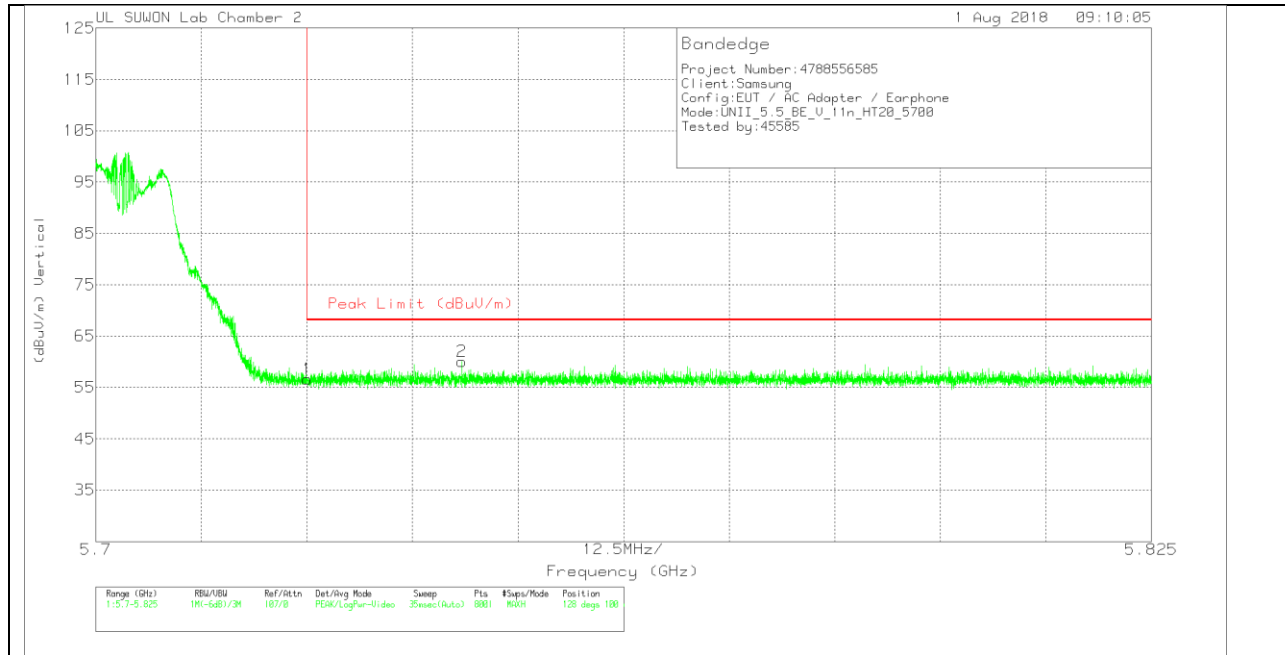
HORIZONTAL DATA

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	37.61	Pk	34.4	-14.5	0	57.51	68.2	-10.69	9	304	H
2	5.817	39.77	Pk	34.5	-14.4	0	59.87	68.2	-8.33	9	304	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

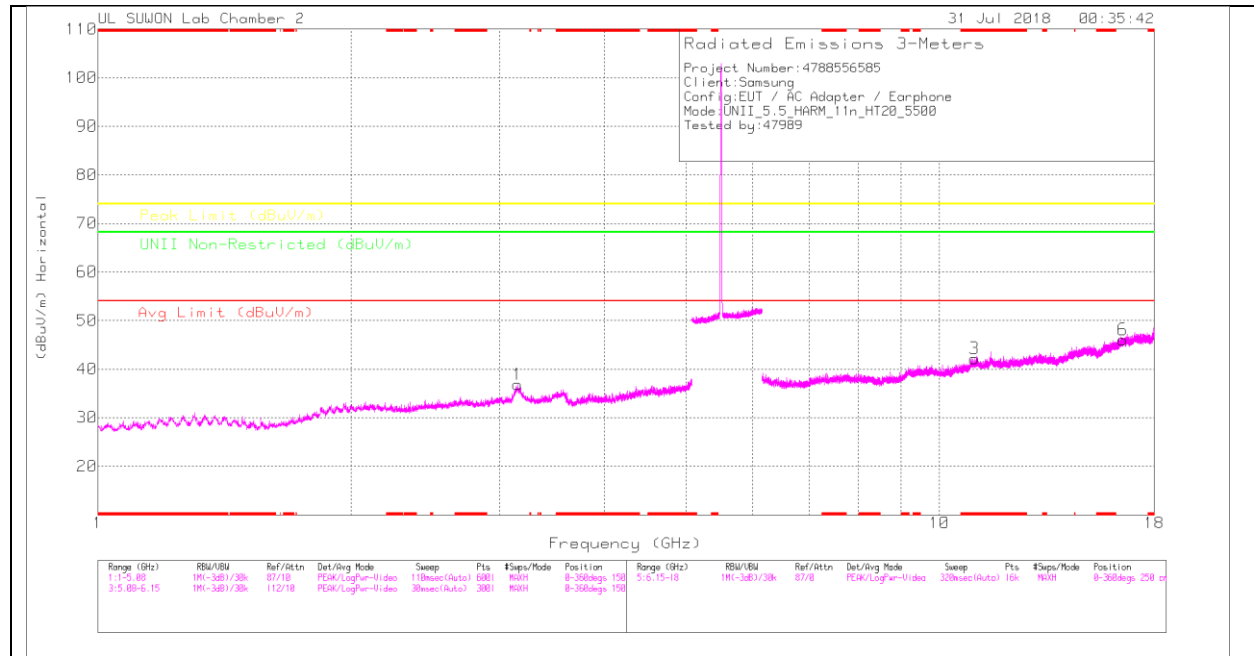
Trace Markers

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	36.71	Pk	34.4	-14.5	0	56.61	68.2	-11.59	128	100	V
2	5.743	40.08	Pk	34.4	-14.4	0	60.08	68.2	-8.12	128	100	V

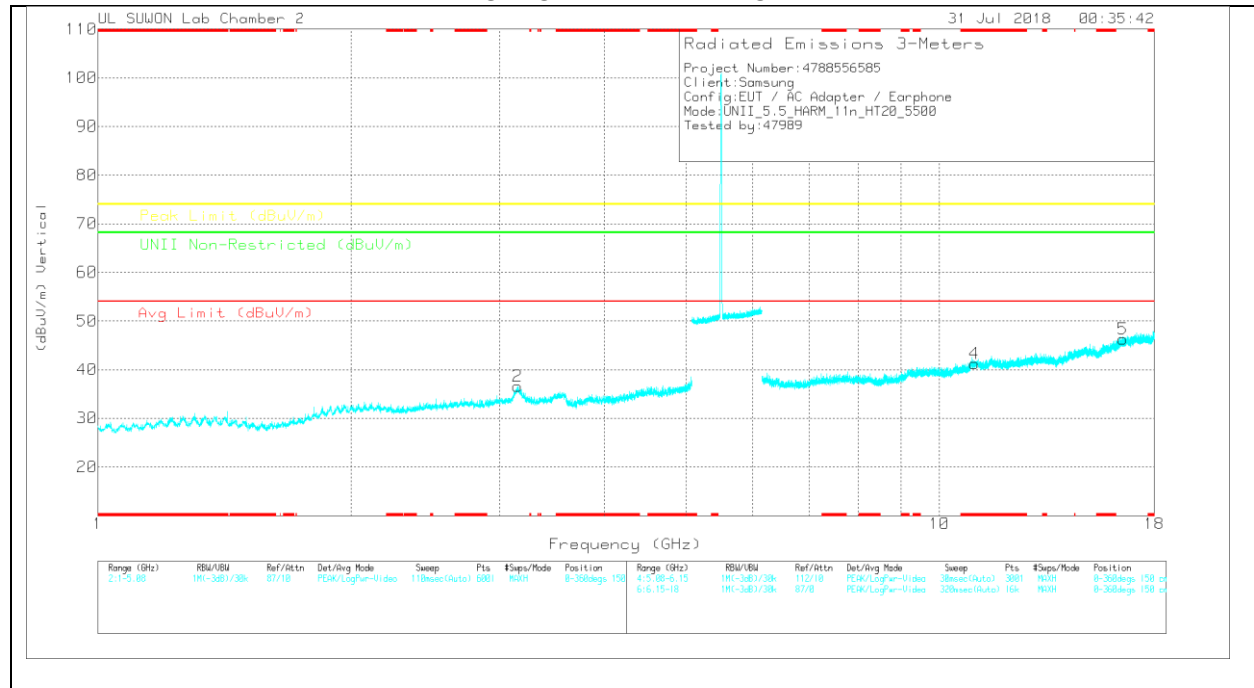
Pk - Peak detector

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)	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	3.154	28	PK	34.8	-26	0	36.8	-	-	-	-	68.2	-31.4	0-360	250	H
2	3.154	27.74	PK	34.8	-26	0	36.54	-	-	-	-	68.2	-31.66	0-360	250	V
3	* 11.006	20.2	PK	38	-16	0	42.2	-	-	74	-31.8	-	-	0-360	250	H
6	16.519	19.68	PK	40.7	-14.3	0	46.08	-	-	-	-	68.2	-22.12	0-360	150	H
4	* 11.01	19.29	PK	38	-16.1	0	41.19	-	-	74	-32.81	-	-	0-360	150	V
5	16.503	19.93	PK	40.7	-14.4	0	46.23	-	-	-	-	68.2	-21.97	0-360	250	V

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

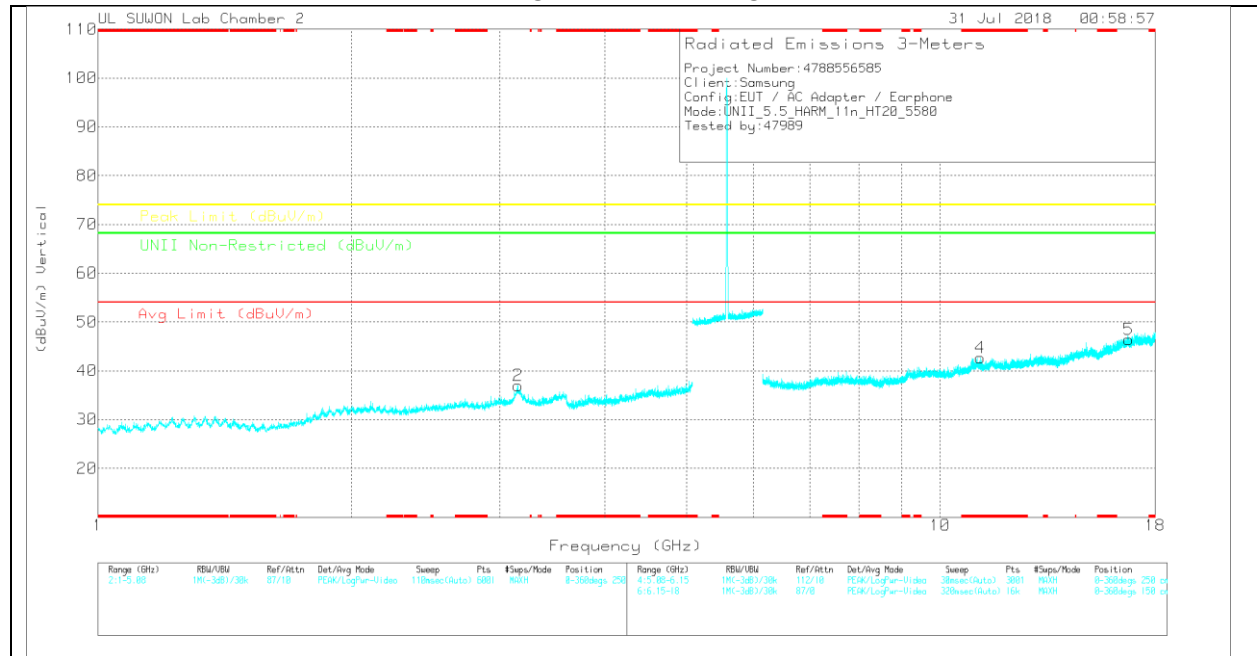
PK – Peak detector

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

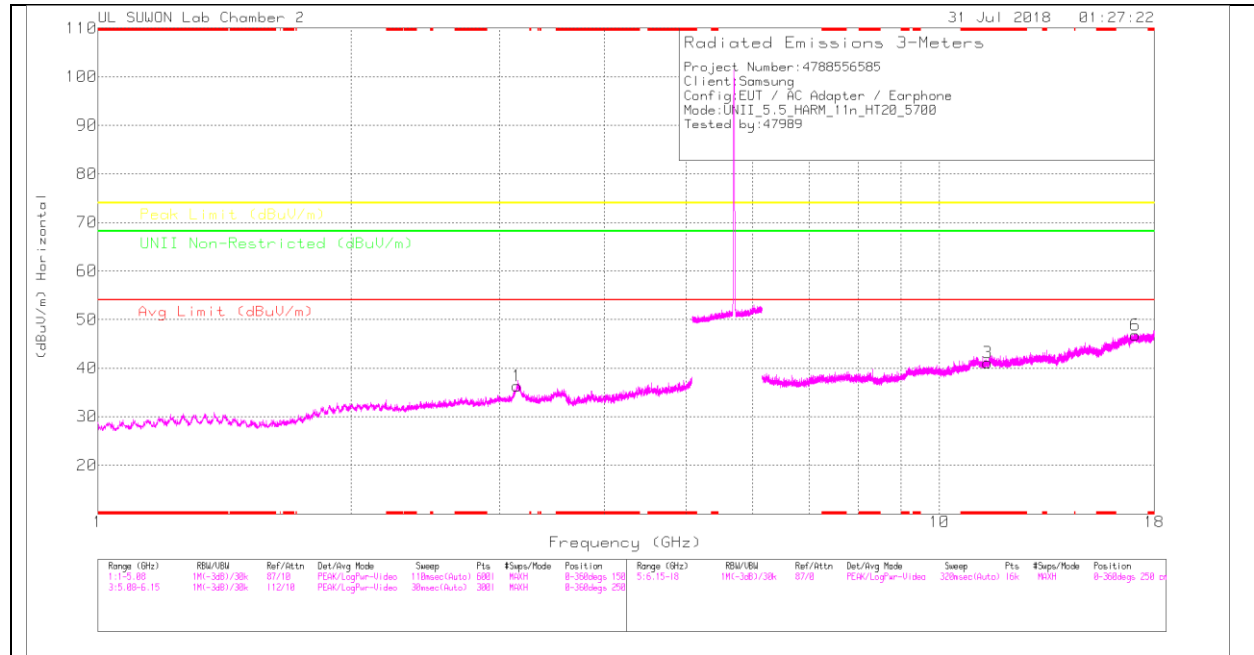
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	170531_3117001887 24	SCN1_LF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.149	27.84	PK	34.8	-26.2	0	36.44	-	-	-	-	68.2	-31.76	0-360	150	H
2	3.153	28.12	PK	34.8	-26	0	36.92	-	-	-	-	68.2	-31.28	0-360	150	V
3	* 11.162	19.94	PK	37.9	-16.2	0	41.64	-	-	74	-32.36	-	-	0-360	150	H
6	16.739	19.16	PK	40.9	-13.8	0	46.26	-	-	-	-	68.2	-21.94	0-360	250	H
4	* 11.163	20.94	PK	37.9	-16.2	0	42.64	-	-	74	-31.36	-	-	0-360	150	V
5	16.74	19.29	PK	40.9	-13.8	0	46.39	-	-	-	-	68.2	-21.81	0-360	250	V

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

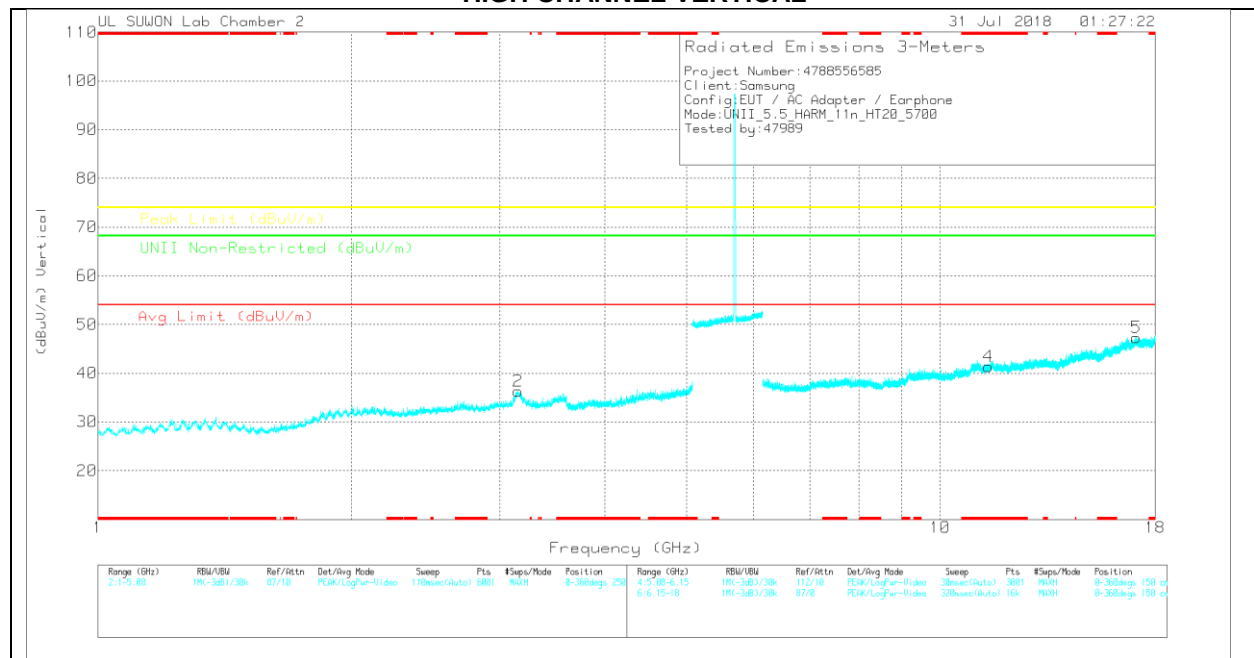
PK – Peak detector

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)	ULd Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.149	27.7	PK	34.8	-26.2	0	36.3	-	-	-	-	68.2	-31.9	0-360	250	H
2	3.152	27.63	PK	34.8	-26.1	0	36.33	-	-	-	-	68.2	-31.87	0-360	250	V
3	* 11.416	18.8	PK	38.1	-15.8	0	41.1	-	-	74	-32.9	-	-	0-360	150	H
6	17.104	18.95	PK	41.3	-13.5	0	46.75	-	-	-	-	68.2	-21.45	0-360	150	H
4	* 11.411	18.94	PK	38.1	-15.7	0	41.34	-	-	74	-32.66	-	-	0-360	150	V
5	17.102	19.53	PK	41.3	-13.5	0	47.33	-	-	-	-	68.2	-20.87	0-360	150	V

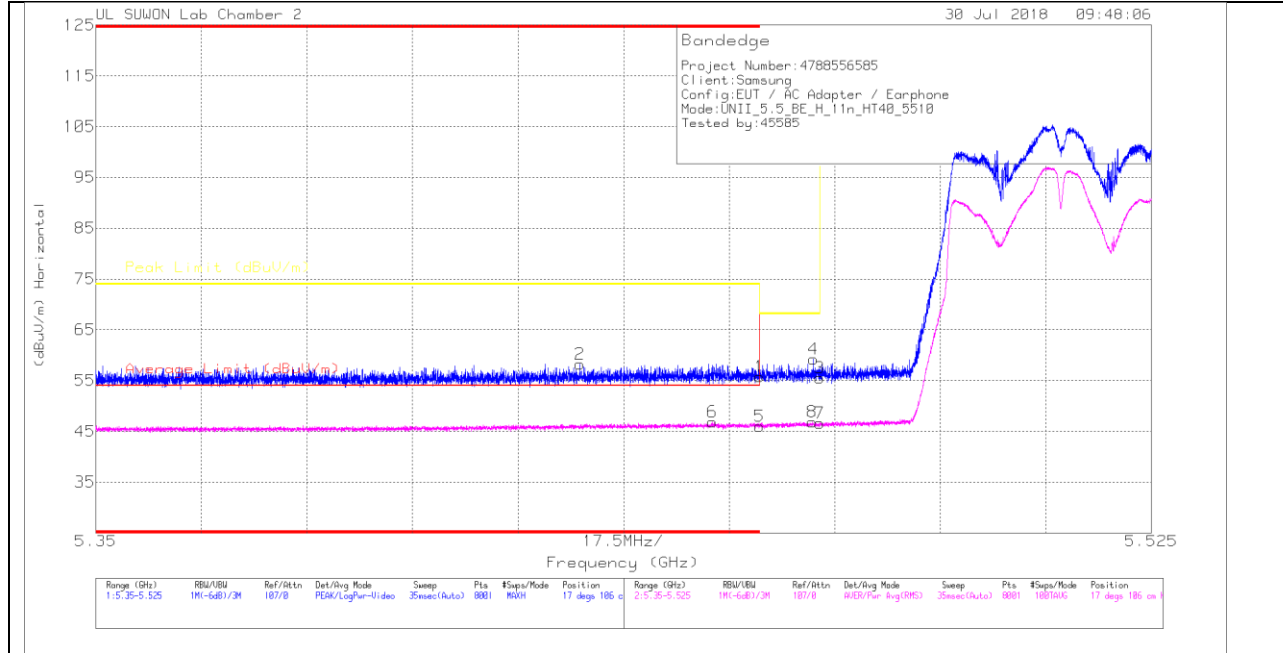
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

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

11.3.3.TX ABOVE 1GHz 802.11n HT40 2Tx CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

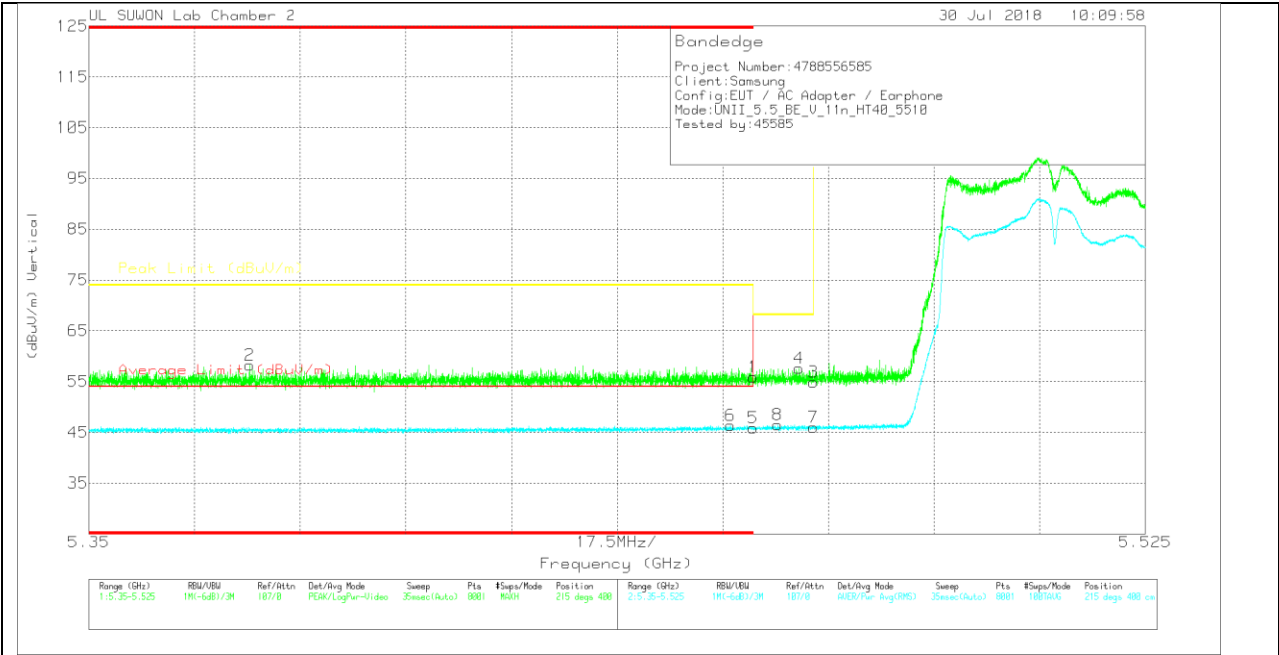
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117(00168724)	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	36.43	Pk	34.3	-15	0	55.73	-	-	74	-18.27	17	106	H
2	* 5.43	39.08	Pk	34.3	-15.1	0	58.28	-	-	74	-15.72	17	106	H
3	5.47	36.26	Pk	34.3	-15	0	55.56	-	-	68.2	-12.64	17	106	H
4	5.469	39.89	Pk	34.3	-15	0	59.19	-	-	68.2	-9.01	17	106	H
5	* 5.46	26.7	RMS	34.3	-15	0	46	54	-8	-	-	17	106	H
6	* 5.452	27.63	RMS	34.3	-15.1	0	46.83	54	-7.17	-	-	17	106	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

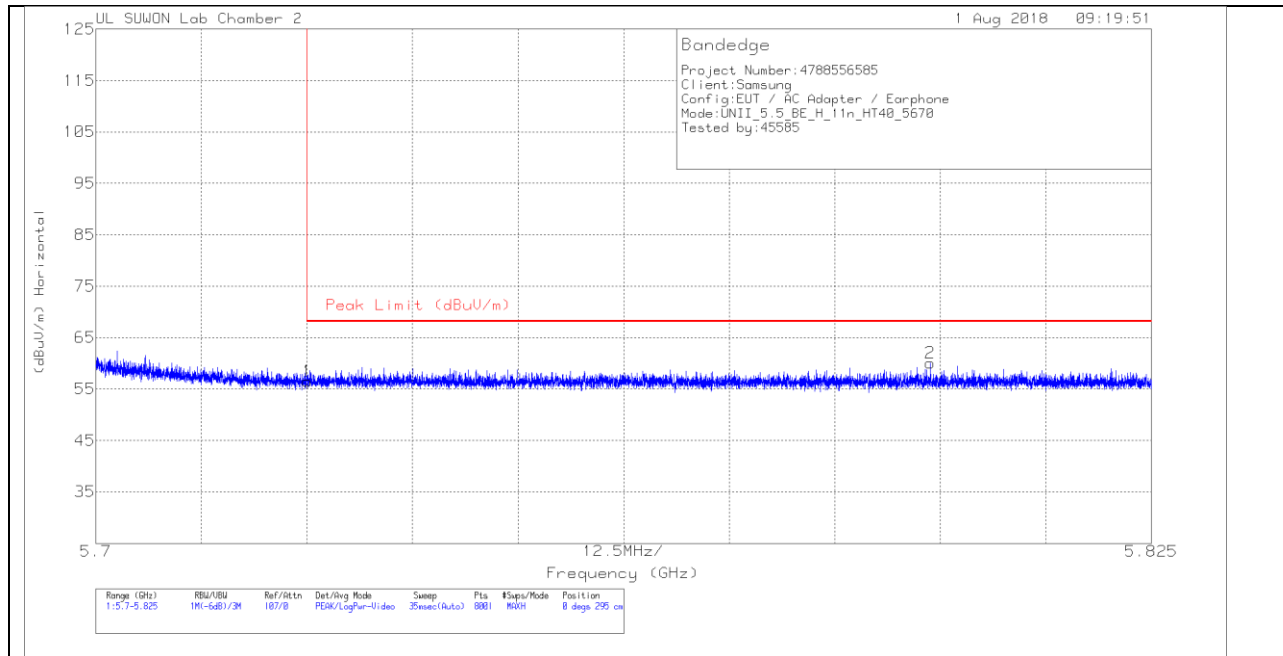
Trace Markers

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	36.57	Pk	34.3	-15	0	55.87	-	-	74	-18.13	215	400	V
2	* 5.377	39.28	Pk	34.2	-15.2	0	58.28	-	-	74	-15.72	215	400	V
3	5.47	35.56	Pk	34.3	-15	0	54.86	-	-	68.2	-13.34	215	400	V
4	5.468	38.37	Pk	34.3	-15	0	57.67	-	-	68.2	-10.53	215	400	V
5	* 5.46	26.61	RMS	34.3	-15	0	45.91	54	-8.09	-	-	215	400	V
6	* 5.456	27.14	RMS	34.3	-15.1	0	46.34	54	-7.66	-	-	215	400	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



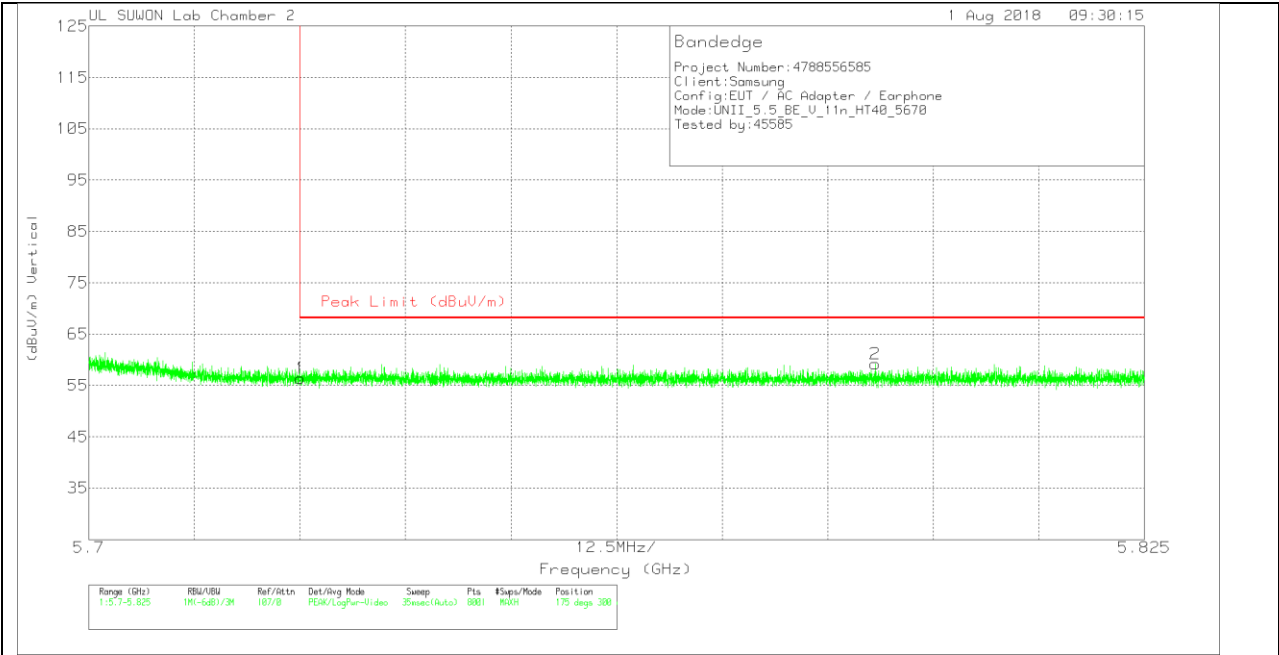
HORIZONTAL DATA

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	36.64	Pk	34.4	-14.5	0	56.54	68.2	-11.66	0	295	H
2	5.799	39.98	Pk	34.5	-14.4	0	60.08	68.2	-8.12	0	295	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

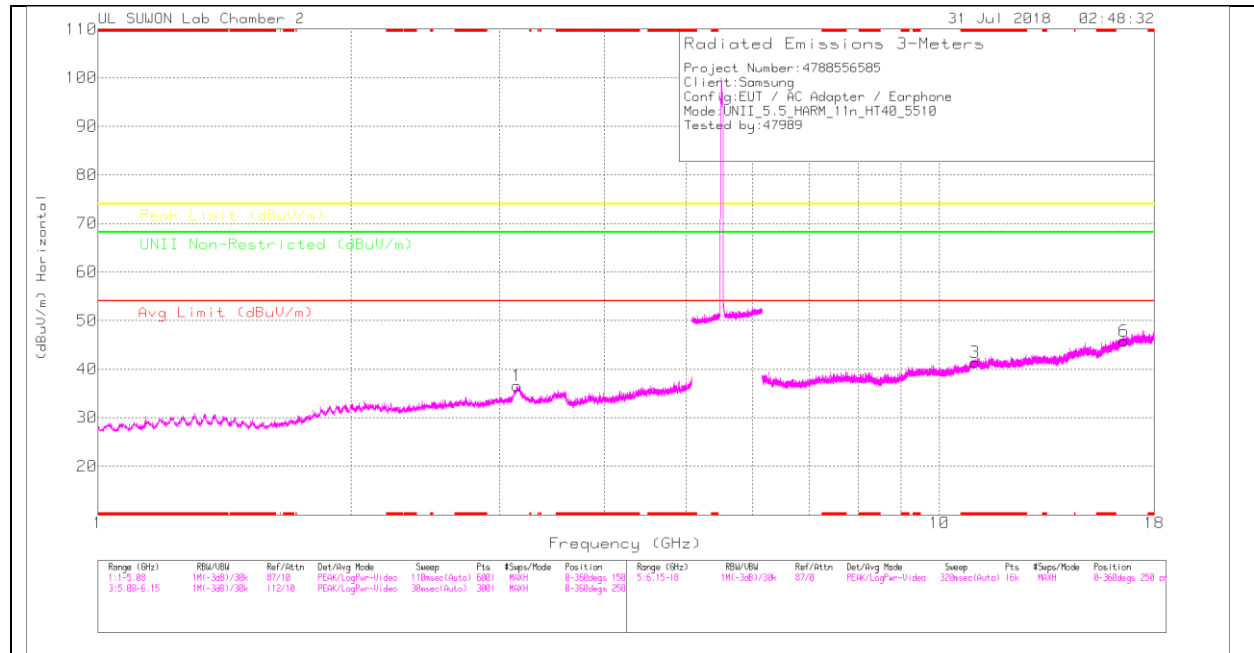
Trace Markers

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	36.54	Pk	34.4	-14.5	0	56.44	68.2	-11.76	175	300	V
2	5.793	39.09	Pk	34.5	-14.4	0	59.19	68.2	-9.01	175	300	V

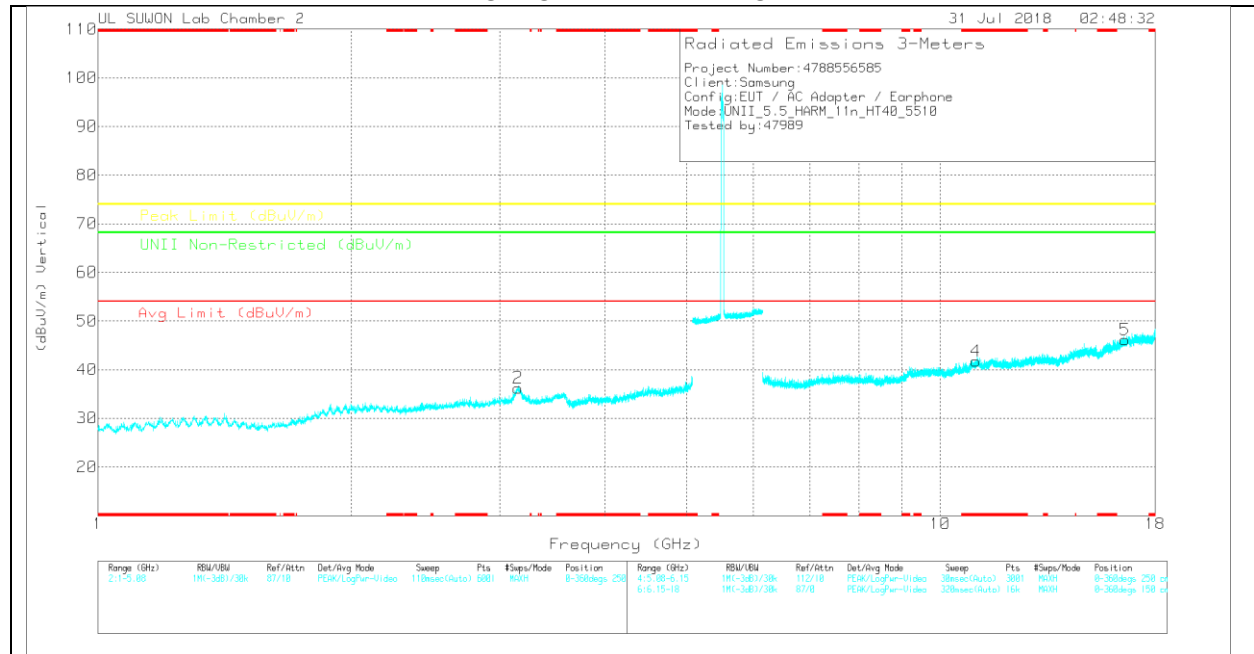
Pk - Peak detector

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

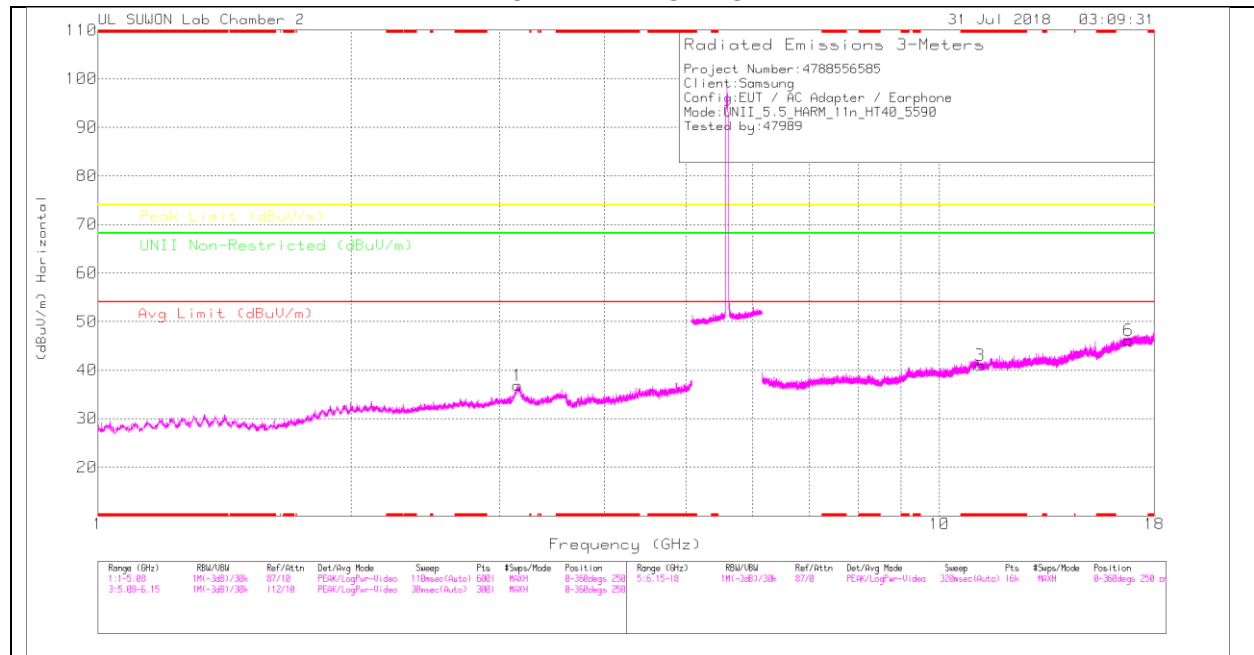
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117003887 24)	50Hz_1F(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.149	27.93	PK	34.8	-26.2	0	36.53	-	-	-	-	68.2	-31.67	0-360	250	H
2	3.156	27.55	PK	34.7	-26	0	36.25	-	-	-	-	68.2	-31.95	0-360	150	V
3	* 11.02	19.41	PK	38	-16.1	0	41.31	-	-	74	-32.69	-	-	0-360	250	H
6	16.573	19.22	PK	40.7	-14.2	0	45.72	-	-	-	-	68.2	-22.48	0-360	250	H
4	* 11.016	19.8	PK	38	-16.1	0	41.7	-	-	74	-32.3	-	-	0-360	150	V
5	16.57	19.63	PK	40.7	-14.2	0	46.13	-	-	-	-	68.2	-22.07	0-360	150	V

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

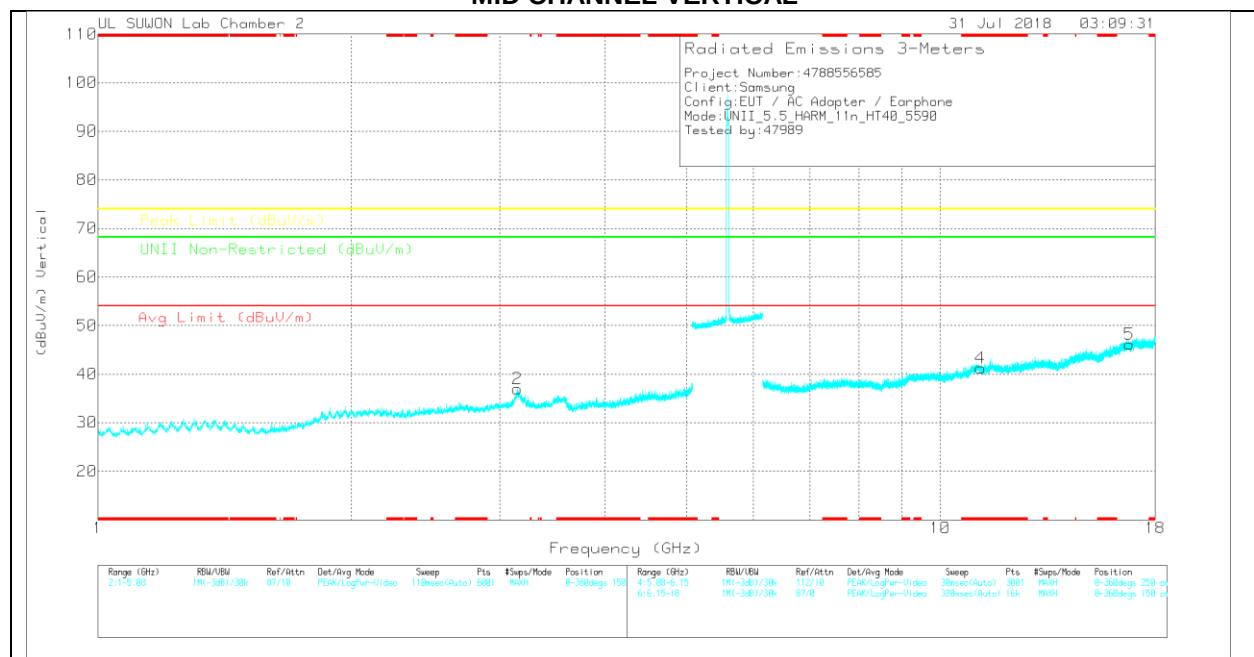
PK – Peak detector

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

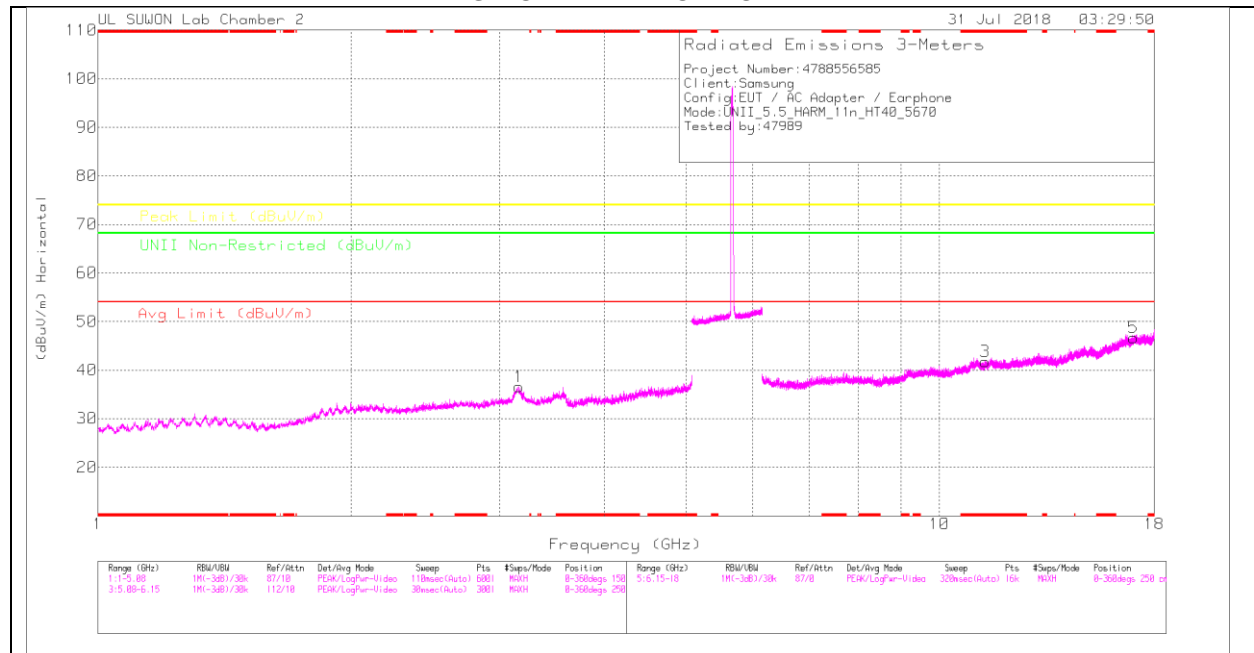
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	170531_3117001887 24	SCN1_LF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.153	28	PK	34.8	-26	0	36.8	-	-	-	-	68.2	-31.4	0-360	150	H
2	3.149	28.39	PK	34.8	-26.2	0	36.99	-	-	-	-	68.2	-31.21	0-360	150	V
3	* 11.178	19.28	PK	37.9	-16.2	0	40.98	-	-	74	-33.02	-	-	0-360	150	H
6	16.76	18.83	PK	40.9	-13.6	0	46.13	-	-	-	-	68.2	-22.07	0-360	150	H
4	* 11.167	19.69	PK	37.9	-16.3	0	41.29	-	-	74	-32.71	-	-	0-360	250	V
5	16.775	18.82	PK	40.9	-13.6	0	46.12	-	-	-	-	68.2	-22.08	0-360	150	V

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

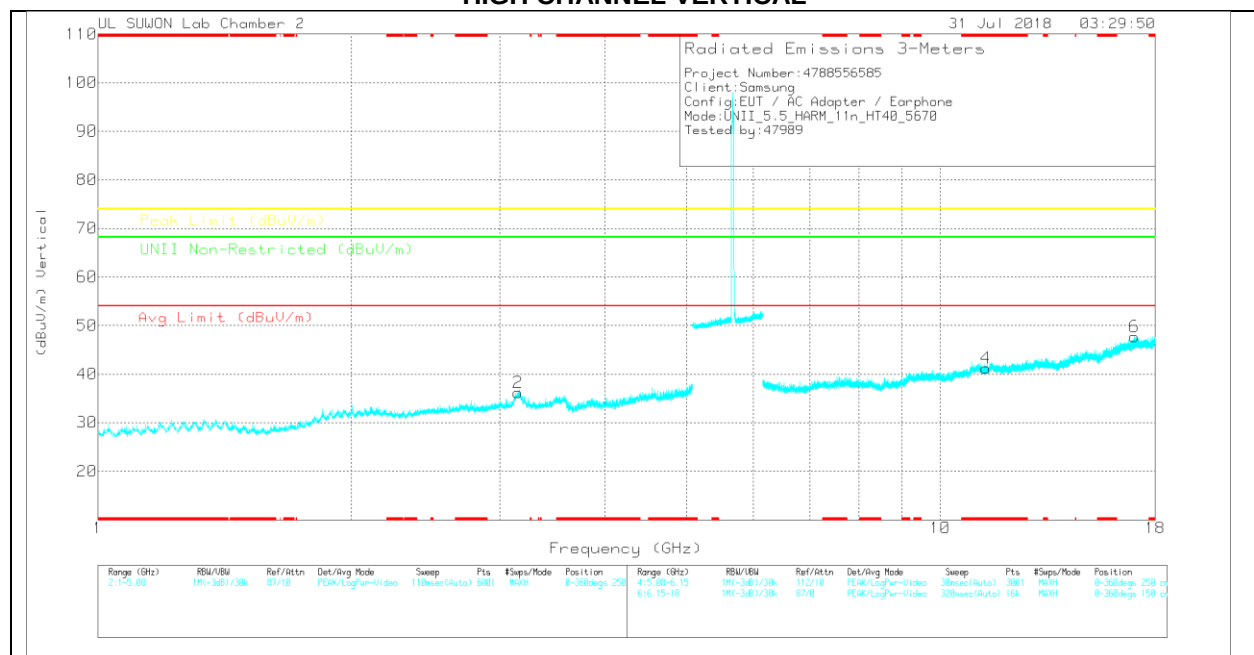
PK – Peak detector

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)	ULd Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.163	27.96	PK	34.5	-25.9	0	36.56	-	-	-	-	68.2	-31.64	0-360	150	H
2	3.152	27.38	PK	34.9	-26.1	0	36.18	-	-	-	-	68.2	-32.02	0-360	150	V
3	* 11.337	19.3	PK	38	-15.6	0	41.7	-	-	74	-32.3	-	-	0-360	250	H
5	16.996	18.77	PK	41.2	-13.3	0	46.67	-	-	-	-	68.2	-21.53	0-360	150	H
4	* 11.334	18.85	PK	38	-15.6	0	41.25	-	-	74	-32.75	-	-	0-360	250	V
6	16.998	19.74	PK	41.2	-13.2	0	47.74	-	-	-	-	68.2	-20.46	0-360	250	V

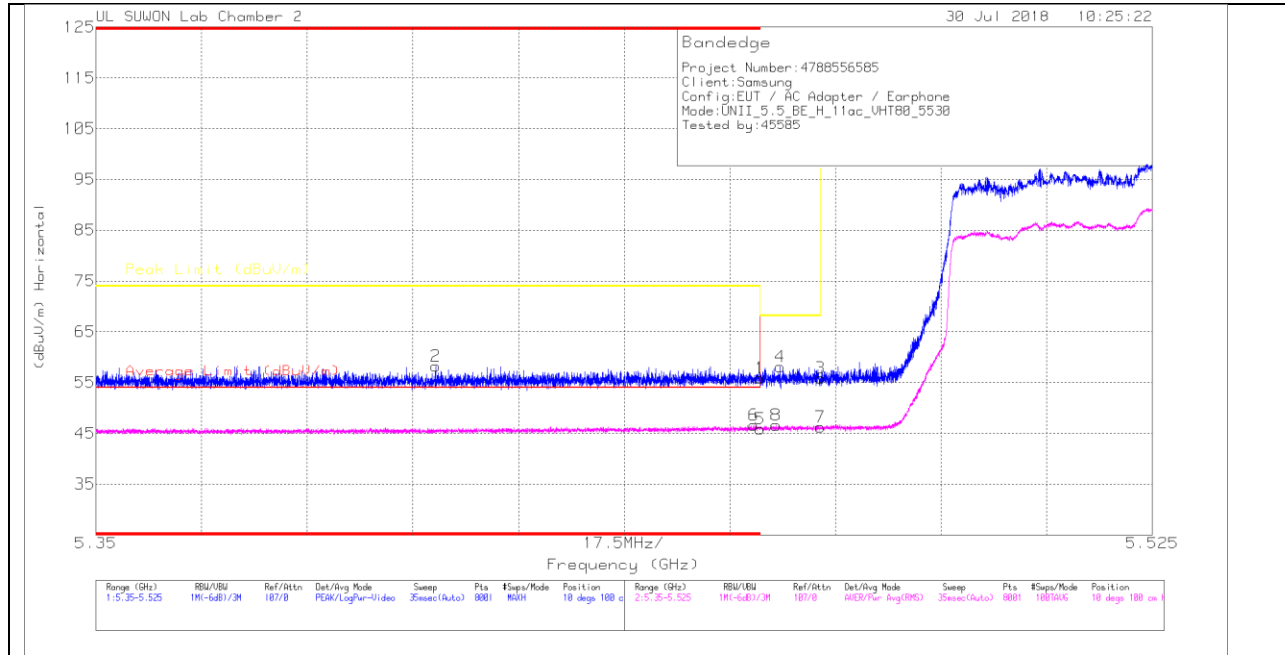
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

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

11.3.4.TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

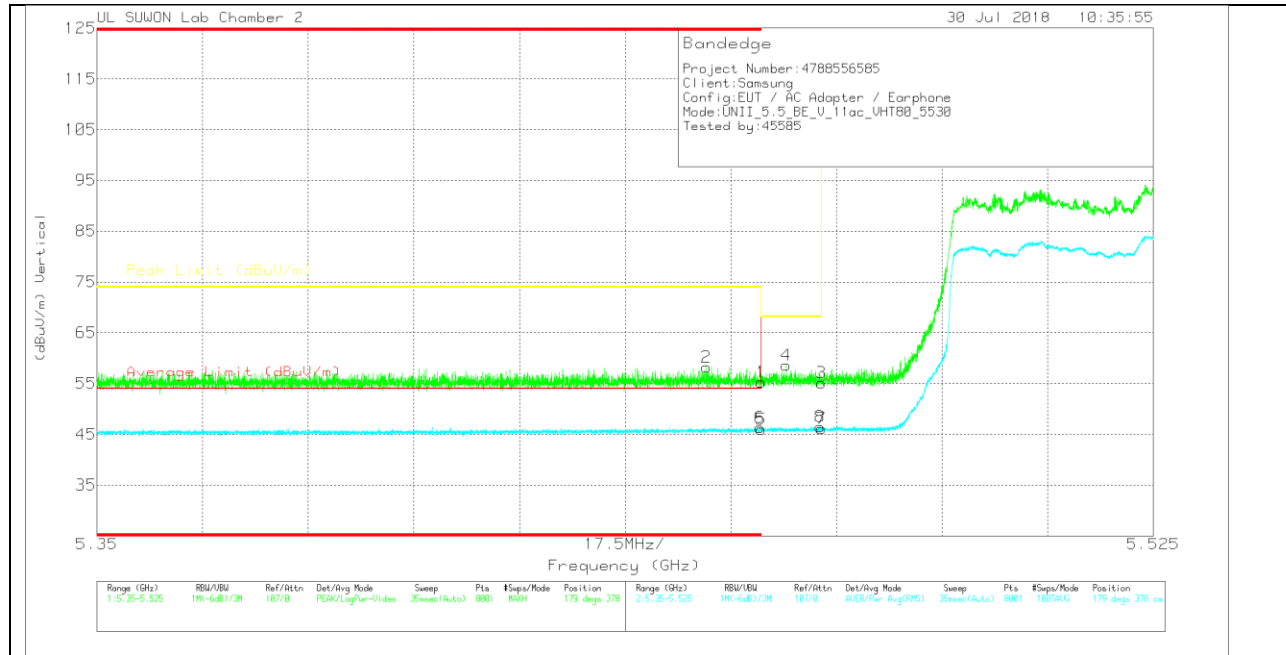
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117(00168724)	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	36.57	Pk	34.3	-15	0	55.87	-	-	74	-18.13	10	100	H
2	* 5.406	39.21	Pk	34.2	-15.2	0	58.21	-	-	74	-15.79	10	100	H
3	5.47	36.58	Pk	34.3	-15	0	55.88	-	-	68.2	-12.32	10	100	H
4	5.463	38.88	Pk	34.3	-15.1	0	58.08	-	-	68.2	-10.12	10	100	H
5	* 5.46	26.55	RMS	34.3	-15	0	45.85	54	-8.15	-	-	10	100	H
6	* 5.459	27.33	RMS	34.3	-15	0	46.63	54	-7.37	-	-	10	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	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	35.95	Pk	34.3	-15	0	55.25	-	-	74	-18.75	179	378	V
2	* 5.451	39.07	Pk	34.3	-15.1	0	58.27	-	-	74	-15.73	179	378	V
3	5.47	35.9	Pk	34.3	-15	0	55.2	-	-	68.2	-13	179	378	V
4	5.464	39.39	Pk	34.3	-15.1	0	58.59	-	-	68.2	-9.61	179	378	V
5	* 5.46	26.68	RMS	34.3	-15	0	45.98	54	-8.02	-	-	179	378	V
6	* 5.46	27.07	RMS	34.3	-15	0	46.37	54	-7.63	-	-	179	378	V

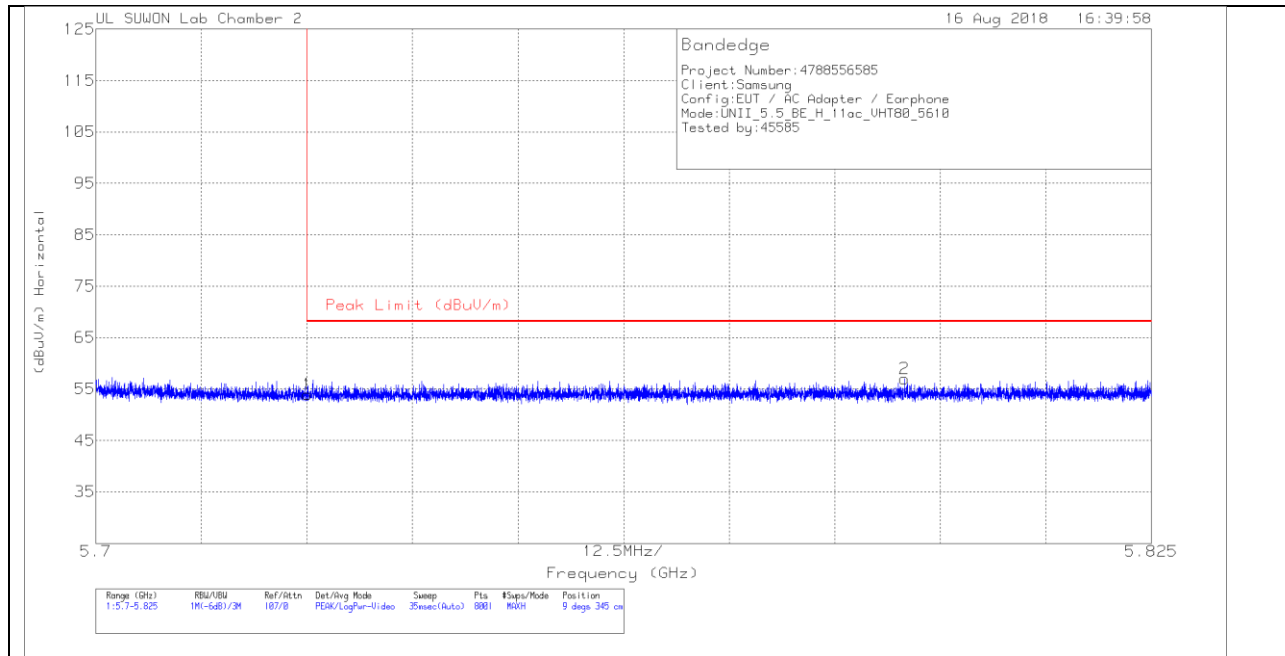
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



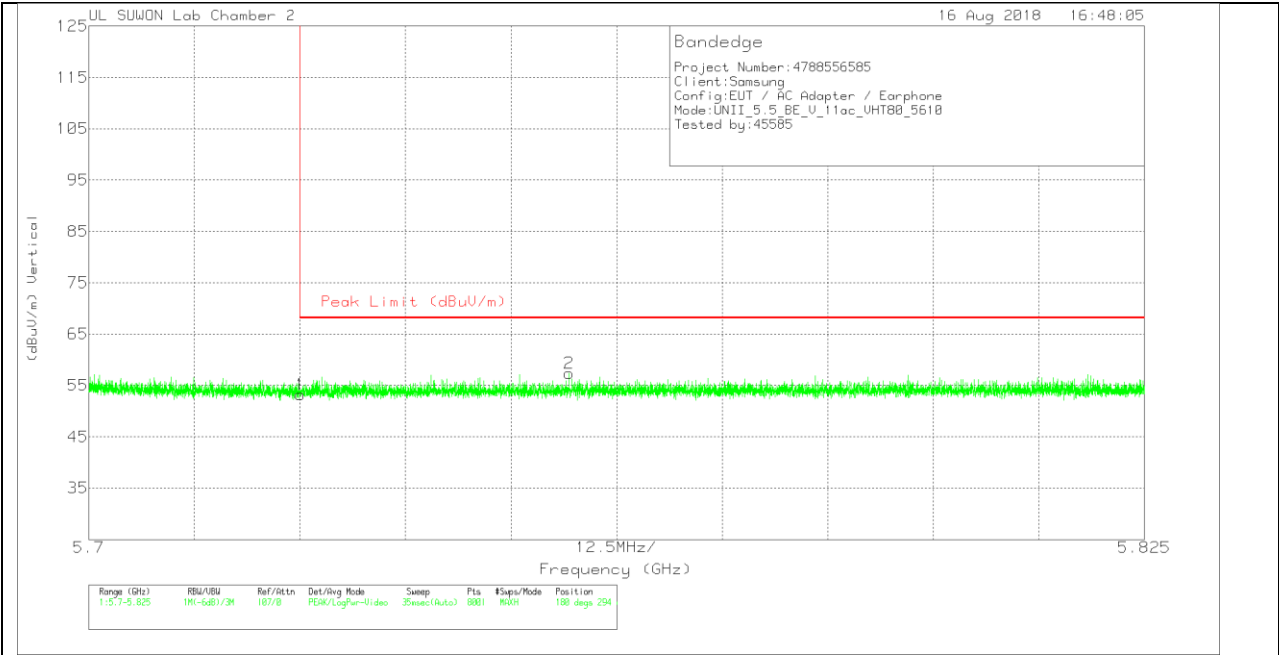
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.85	Pk	34.7	-17.6	0	53.95	68.2	-14.25	9	345	H
2	5.796	39.71	Pk	34.8	-17.5	0	57.01	68.2	-11.19	9	345	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

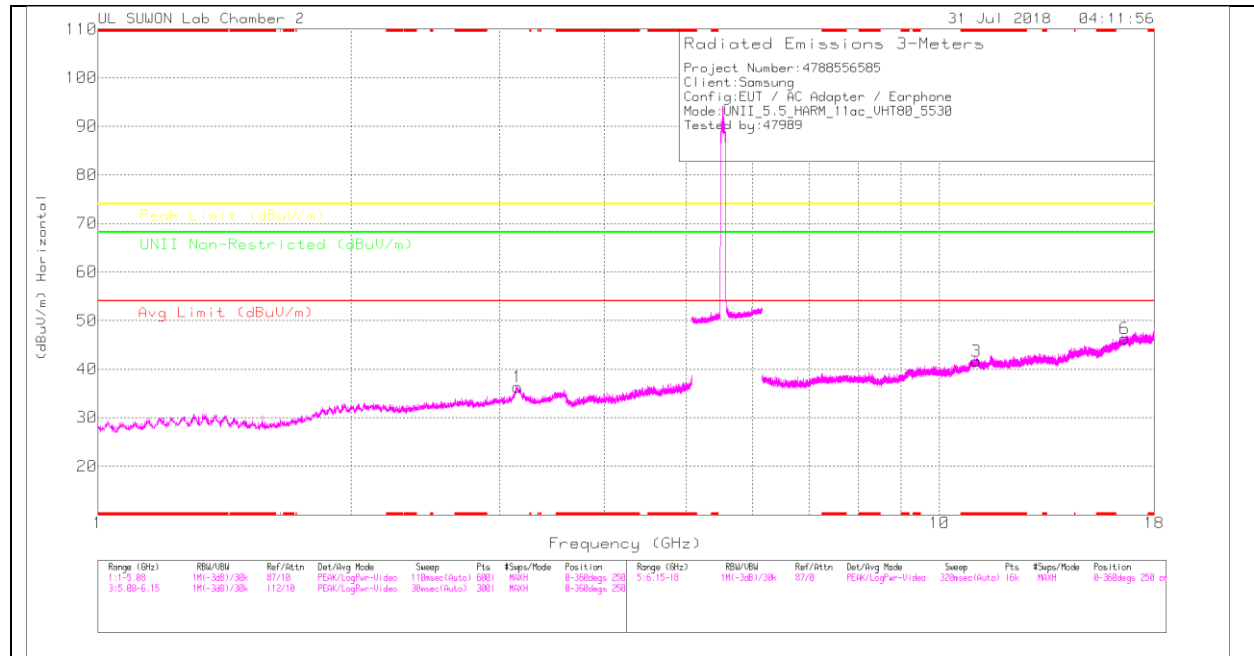
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.14	Pk	34.7	-17.6	0	53.24	68.2	-14.96	180	294	V
2	5.757	40.15	Pk	34.7	-17.5	0	57.35	68.2	-10.85	180	294	V

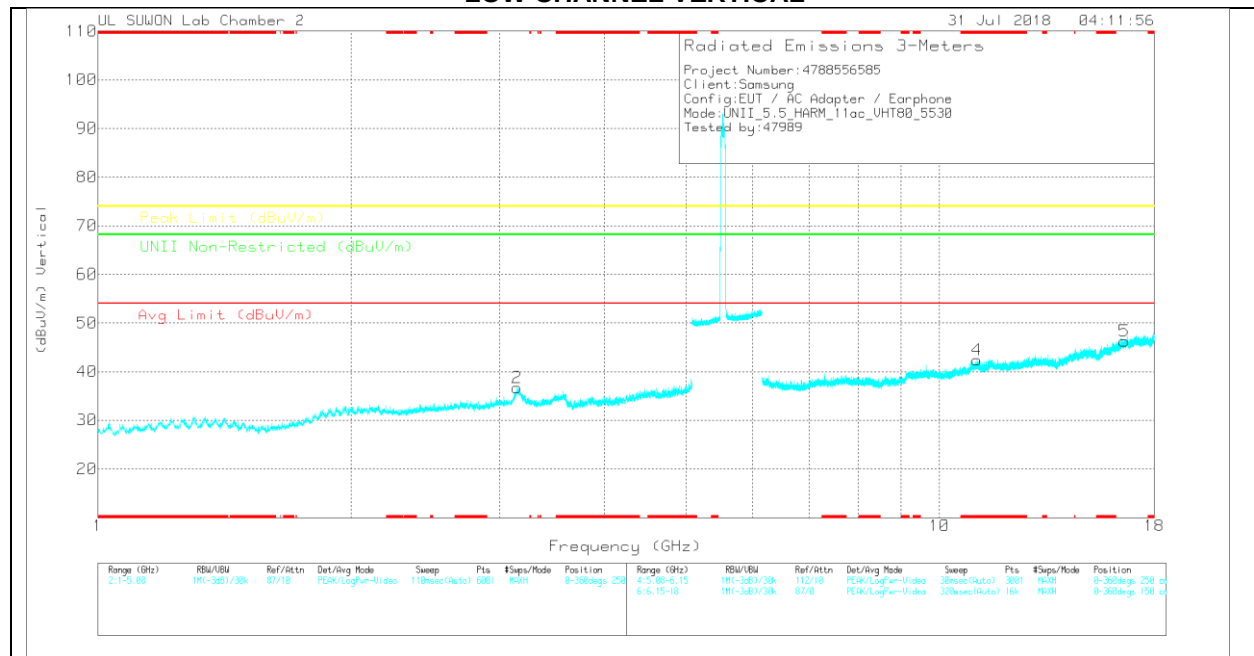
Pk - Peak detector

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

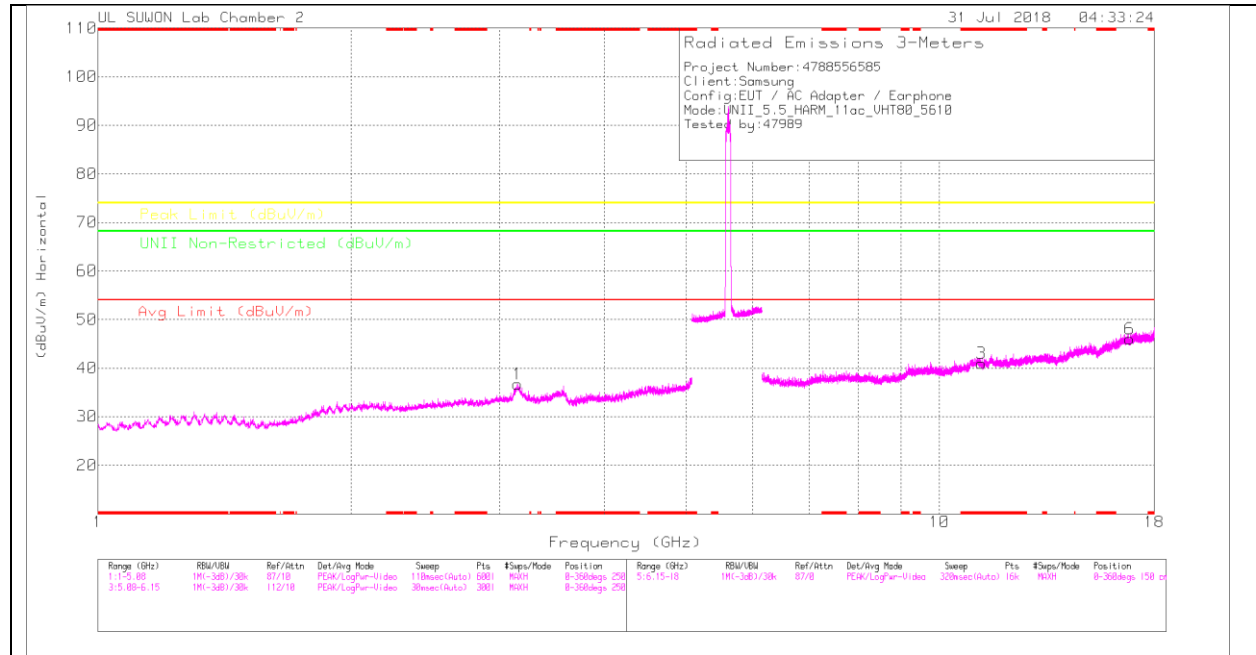
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	170531_3117003887 24)	50Hz_1F(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	ULd Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	3.152	27.59	PK	34.8	-26.1	0	36.29	-	-	-	-	68.2	-31.91	0-360	150	H
2	3.149	28.11	PK	34.8	-26.2	0	36.71	-	-	-	-	68.2	-31.49	0-360	150	V
3	* 11.067	19.83	PK	37.9	-16.1	0	41.63	-	-	74	-32.37	-	-	0-360	150	H
6	16.589	19.62	PK	40.8	-14.1	0	46.32	-	-	-	-	68.2	-21.88	0-360	250	H
4	* 11.073	20.65	PK	37.9	-16.1	0	42.45	-	-	74	-31.55	-	-	0-360	250	V
5	16.584	19.65	PK	40.8	-14.2	0	46.25	-	-	-	-	68.2	-21.95	0-360	150	V

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

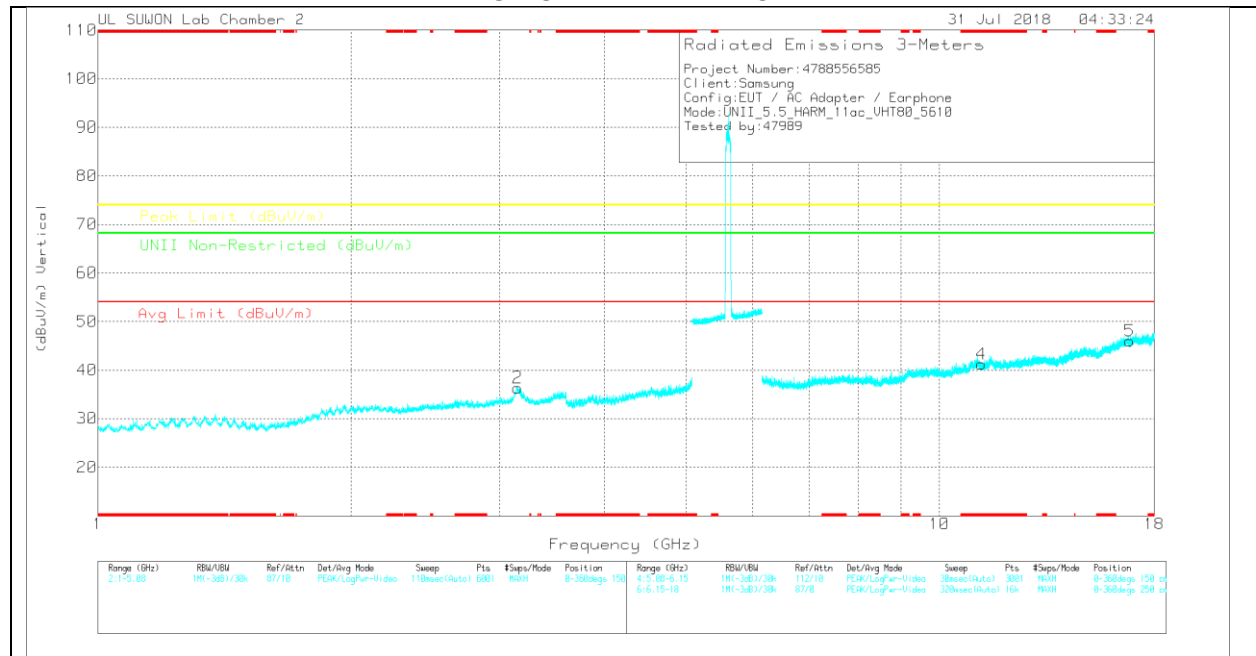
PK – Peak detector

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

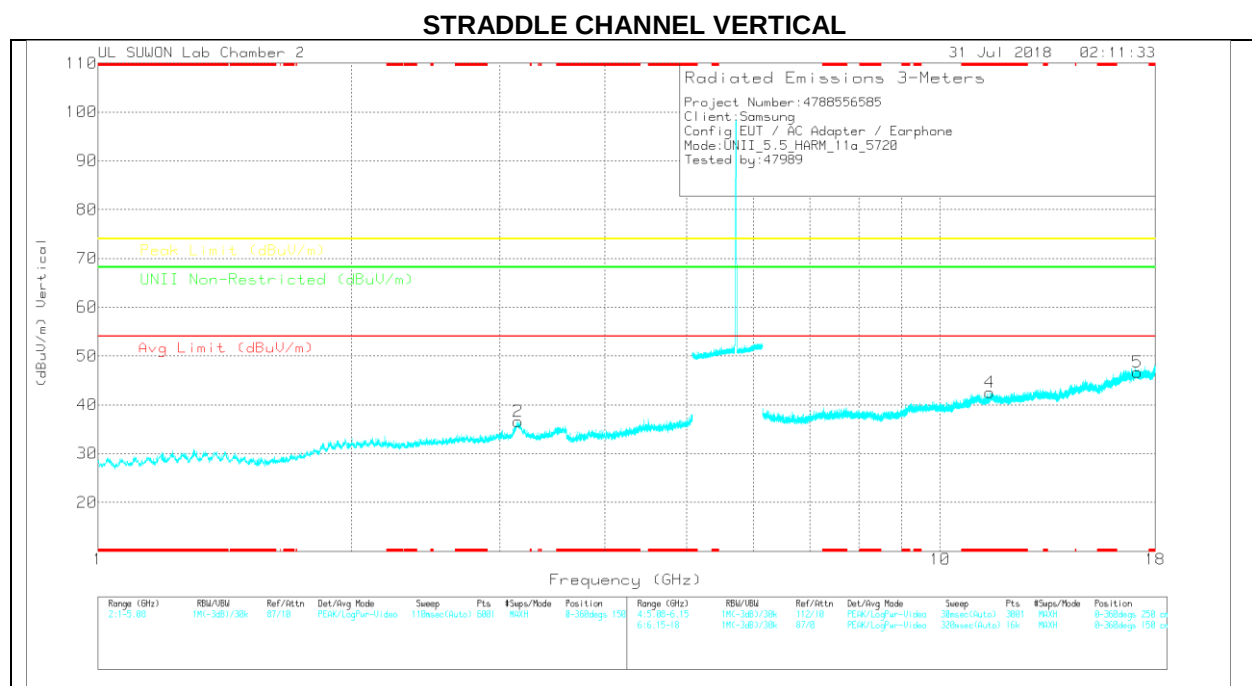
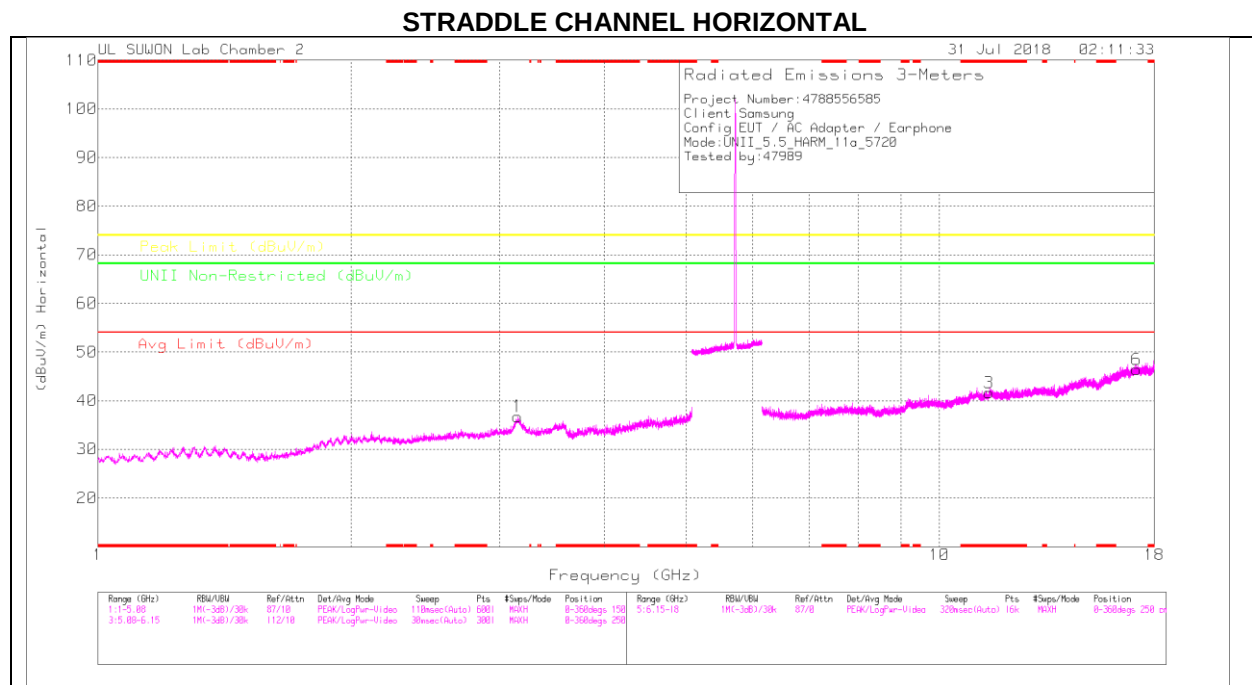
Trace Markers

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	27.92	PK	34.9	-26.1	0	36.72	-	-	-	-	68.2	-31.48	0-360	150	H
2	3.154	27.58	PK	34.8	-26	0	36.38	-	-	-	-	68.2	-31.82	0-360	150	V
3	* 11.213	19.25	PK	37.9	-16.2	0	40.95	-	-	74	-33.05	-	-	0-360	250	H
6	16.84	18.87	PK	40.8	-13.6	0	46.07	-	-	-	-	68.2	-22.13	0-360	250	H
4	* 11.21	19.54	PK	37.9	-16.2	0	41.24	-	-	74	-32.76	-	-	0-360	250	V
5	16.834	18.8	PK	40.8	-13.6	0	46	-	-	-	-	68.2	-22.2	0-360	250	V

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.TX ABOVE 1GHz 802.11a 2Tx CDD MODE IN THE STRADDLE CHANNEL



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)	50Hz_1F(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	27.97	PK	34.8	-26	0	36.77	-	-	-	-	68.2	-31.43	0-360	250	H
2	3.156	27.93	PK	34.7	-26	0	36.63	-	-	-	-	68.2	-31.57	0-360	250	V
3	* 11.448	19.44	PK	38.1	-15.9	0	41.64	-	-	74	-32.36	-	-	0-360	150	H
6	17.156	18.51	PK	41.4	-13.5	0	46.41	-	-	-	-	68.2	-21.79	0-360	150	H
4	* 11.449	20.35	PK	38.1	-15.9	0	42.55	-	-	74	-31.45	-	-	0-360	250	V
5	17.159	18.73	PK	41.4	-13.5	0	46.63	-	-	-	-	68.2	-21.57	0-360	250	V

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

PK – Peak detector

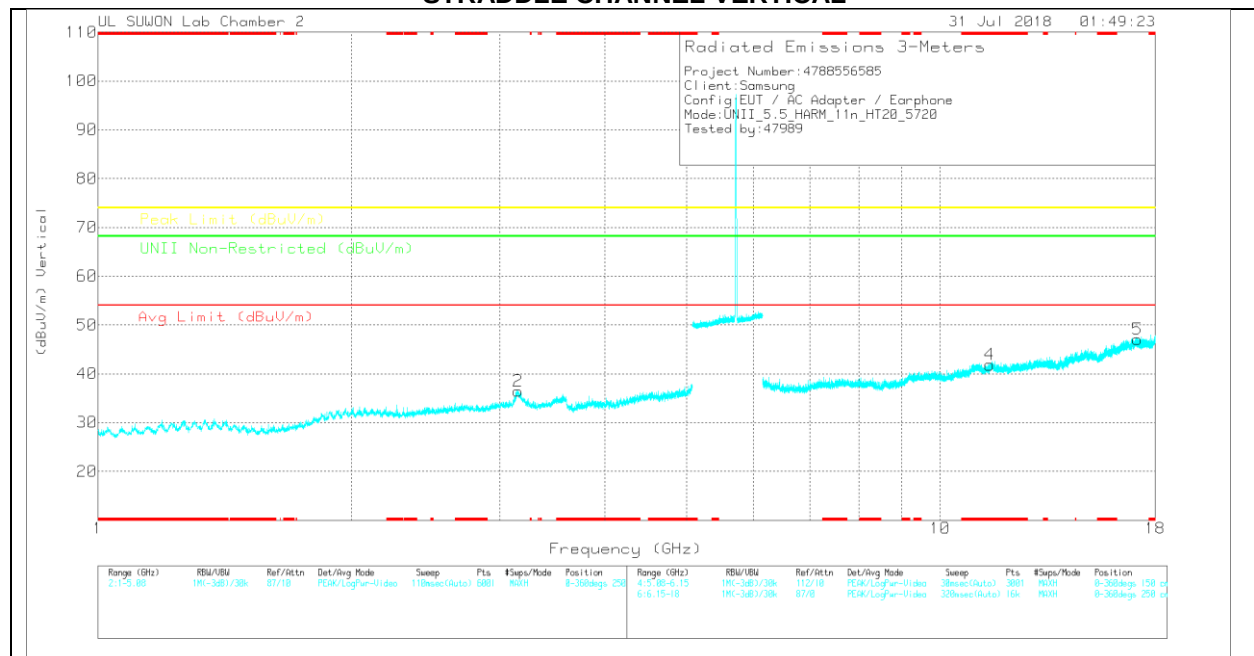
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3.6.TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE STRADDLE CHANNEL

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)	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	3.147	28	PK	34.8	-26.2	0	36.6	-	-	-	-	68.2	-31.6	0-360	250	H
2	3.154	27.63	PK	34.8	-26	0	36.43	-	-	-	-	68.2	-31.77	0-360	150	V
3	* 11.449	19.61	PK	38.1	-15.9	0	41.81	-	-	74	-32.19	-	-	0-360	150	H
6	17.161	18.2	PK	41.4	-13.5	0	46.1	-	-	-	-	68.2	-22.1	0-360	250	H
4	* 11.452	19.62	PK	38.1	-15.9	0	41.82	-	-	74	-32.18	-	-	0-360	250	V
5	17.157	19.11	PK	41.4	-13.5	0	47.01	-	-	-	-	68.2	-21.19	0-360	150	V

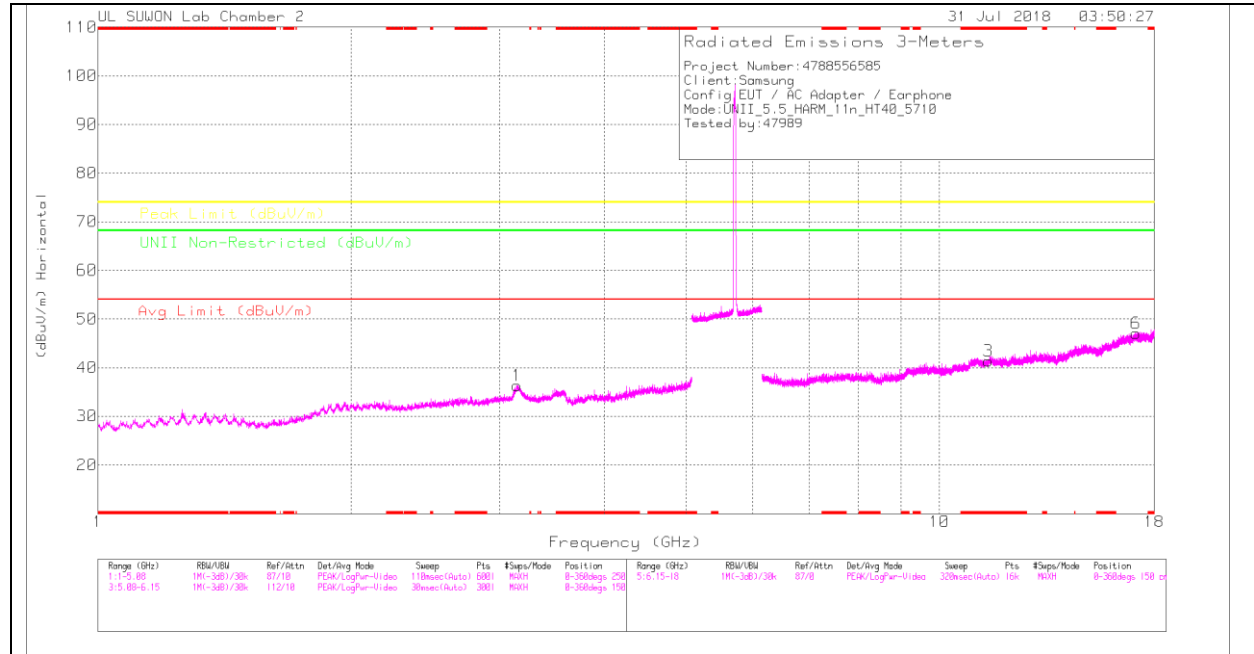
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

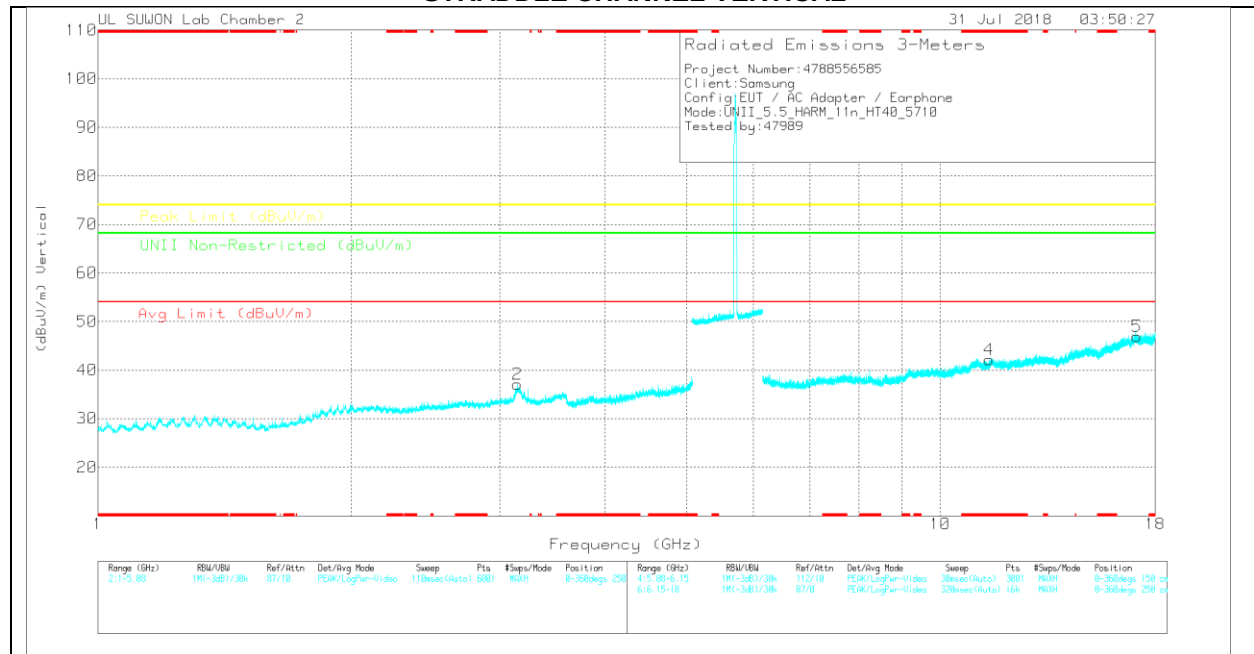
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3.7.TX ABOVE 1GHz 802.11n HT40 2Tx CDD MODE IN THE STRADDLE CHANNEL

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)	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	3.148	27.75	PK	34.8	-26.2	0	36.35	-	-	-	-	68.2	-31.85	0-360	150	H
2	3.145	28.64	PK	34.7	-26.2	0	37.14	-	-	-	-	68.2	-31.06	0-360	150	V
3	* 11.424	19.05	PK	38.1	-15.8	0	41.35	-	-	74	-32.65	-	-	0-360	150	H
6	17.134	19.18	PK	41.4	-13.5	0	47.08	-	-	-	-	68.2	-21.12	0-360	250	H
4	* 11.424	19.8	PK	38.1	-15.8	0	42.1	-	-	74	-31.9	-	-	0-360	150	V
5	17.117	19.13	PK	41.3	-13.5	0	46.93	-	-	-	-	68.2	-21.27	0-360	150	V

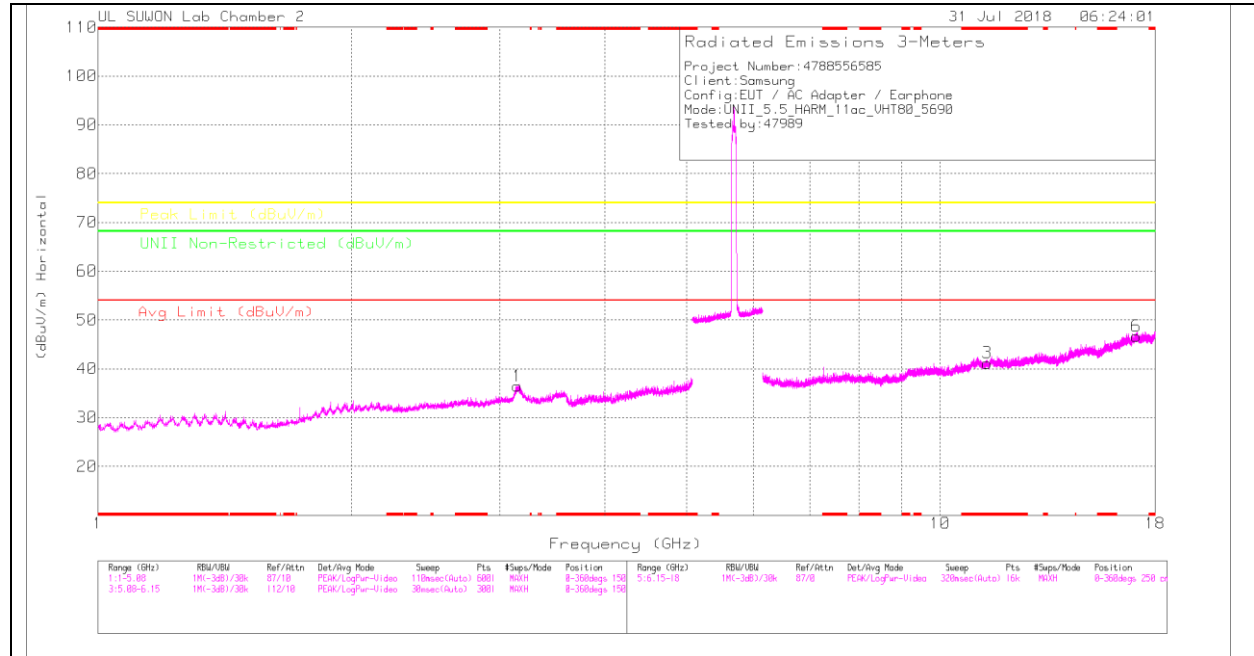
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

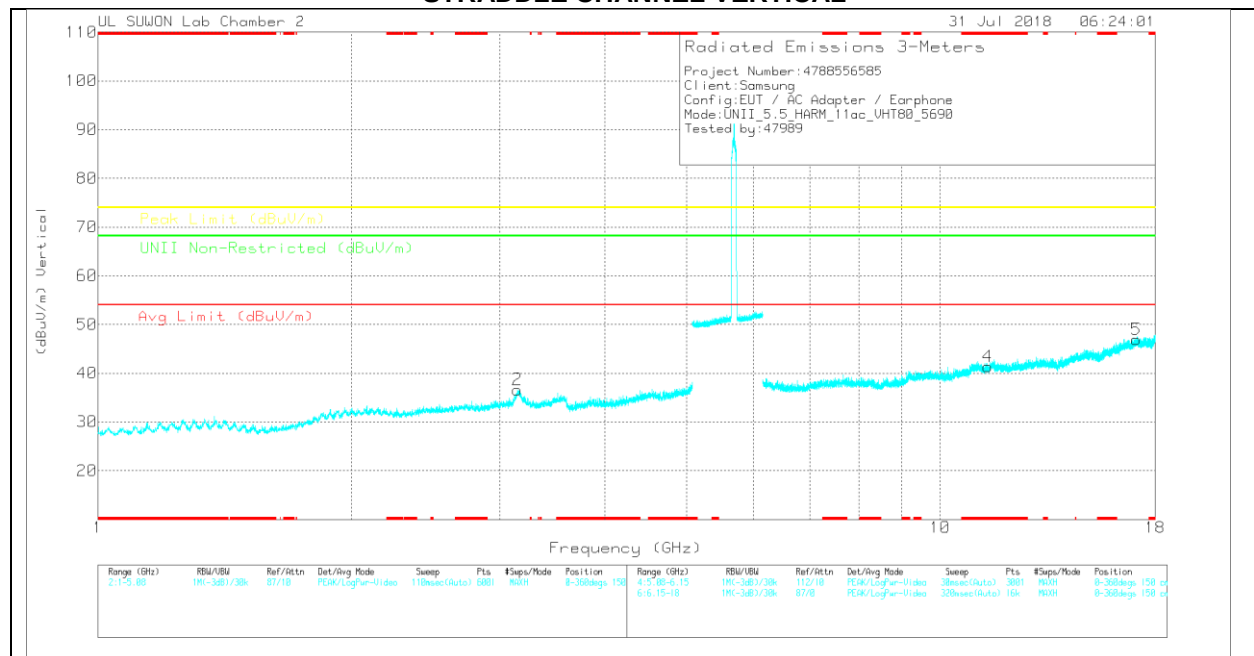
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3.8.TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE STRADDLE CHANNEL

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)	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	3.147	27.79	PK	34.8	-26.2	0	36.39	-	-	-	-	68.2	-31.81	0-360	250	H
2	3.149	27.84	PK	34.9	-26.1	0	36.64	-	-	-	-	68.2	-31.56	0-360	250	V
3	* 11.378	18.57	PK	38.1	-15.5	0	41.17	-	-	74	-32.83	-	-	0-360	250	H
6	17.089	18.85	PK	41.3	-13.5	0	46.65	-	-	-	-	68.2	-21.55	0-360	150	H
4	* 11.382	18.71	PK	38.1	-15.5	0	41.31	-	-	74	-32.69	-	-	0-360	150	V
5	17.092	19.17	PK	41.3	-13.5	0	46.97	-	-	-	-	68.2	-21.23	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).