

MID CHANNEL DATA

Trace Markers

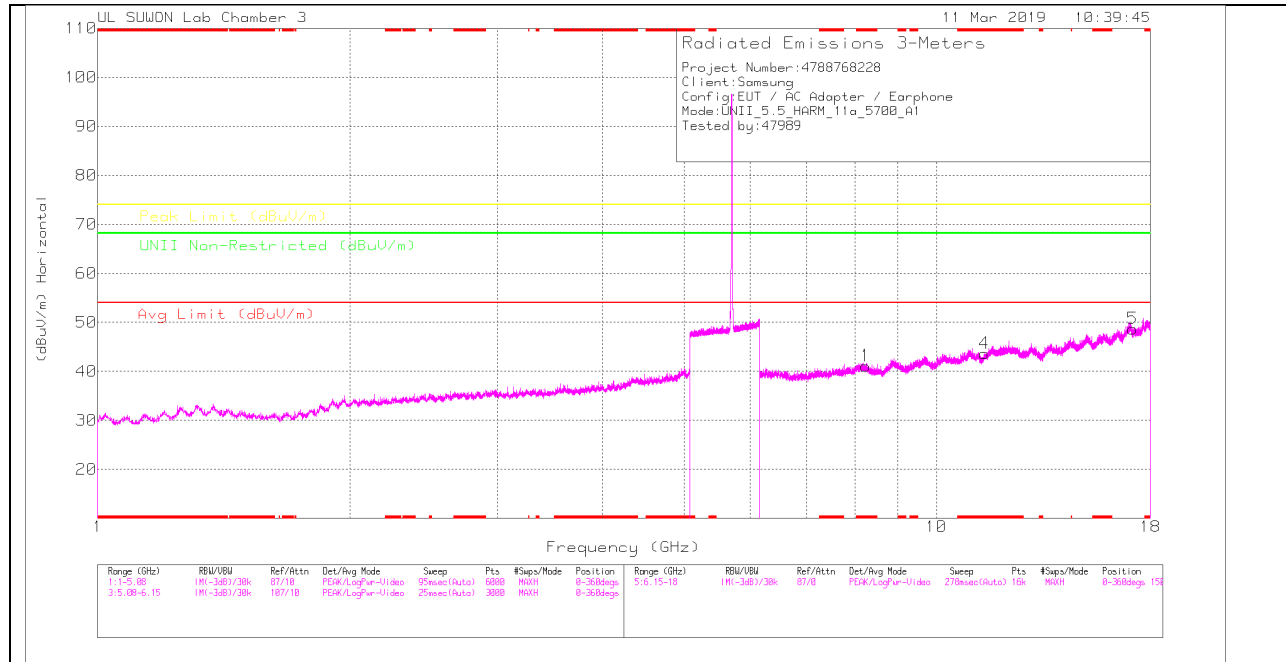
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00205959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.049	29.48	PK	36.1	-22.7	0	42.88	-	-	74	-31.12	-	-	0-360	150	H
4	* 11.166	24.93	PK	38.3	-19.7	0	43.53	-	-	74	-30.47	-	-	0-360	250	H
5	16.749	23.7	PK	41.3	-16.9	0	48.1	-	-	-	-	68.2	-20.1	0-360	250	H
2	* 8.051	27.29	PK	36.1	-22.7	0	40.69	-	-	74	-33.31	-	-	0-360	150	V
3	* 11.165	26.28	PK	38.3	-19.7	0	44.88	-	-	74	-29.12	-	-	0-360	150	V
6	16.748	23.74	PK	41.3	-16.8	0	48.24	-	-	-	-	68.2	-19.96	0-360	150	V

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

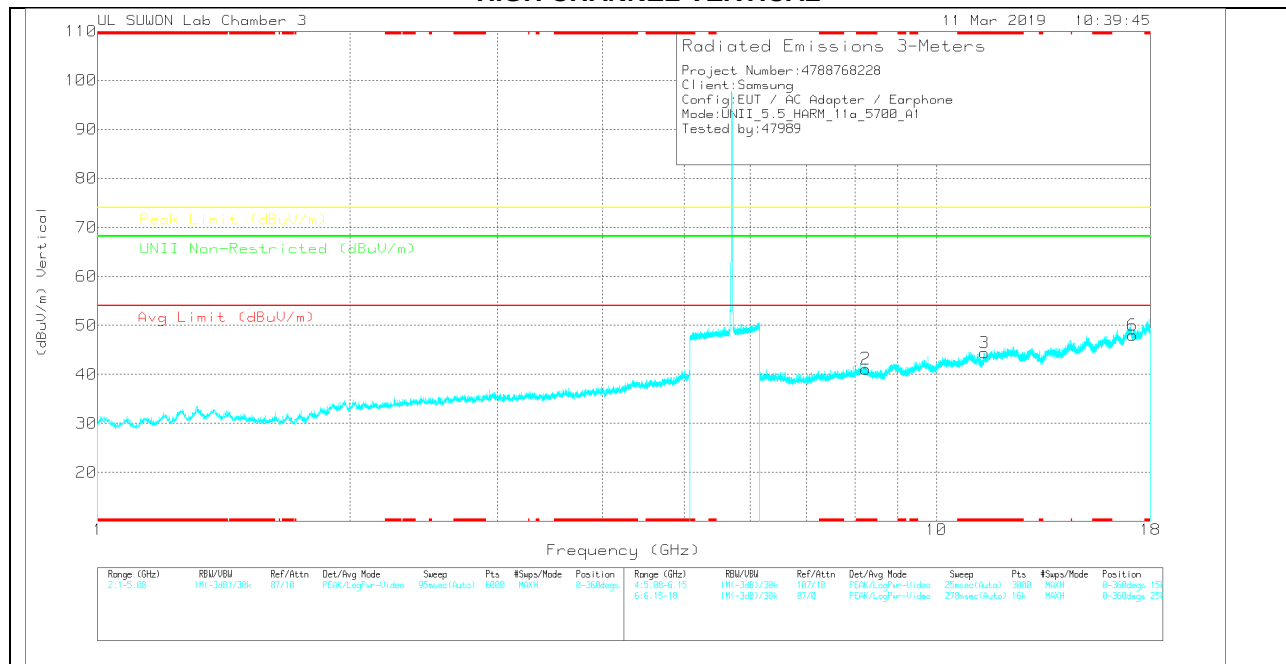
PK – Peak Detector

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	3117_00205959	60Hz_HR(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	* 8.239	26.82	PK	36.4	-22.1	0	41.12	-	-	74	-32.88	-	-	0-360	150	H
4	* 11.404	24.77	PK	38.5	-19.6	0	43.67	-	-	74	-30.33	-	-	0-360	250	H
5	17.144	23.4	PK	41.5	-16.2	0	48.7	-	-	-	-	68.2	-19.5	0-360	250	H
2	* 8.24	26.81	PK	36.4	-22.1	0	41.11	-	-	74	-32.89	-	-	0-360	250	V
3	* 11.412	25.49	PK	38.5	-19.6	0	44.39	-	-	74	-29.61	-	-	0-360	150	V
6	17.15	22.56	PK	41.5	-16.1	0	47.96	-	-	-	-	68.2	-20.24	0-360	250	V

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

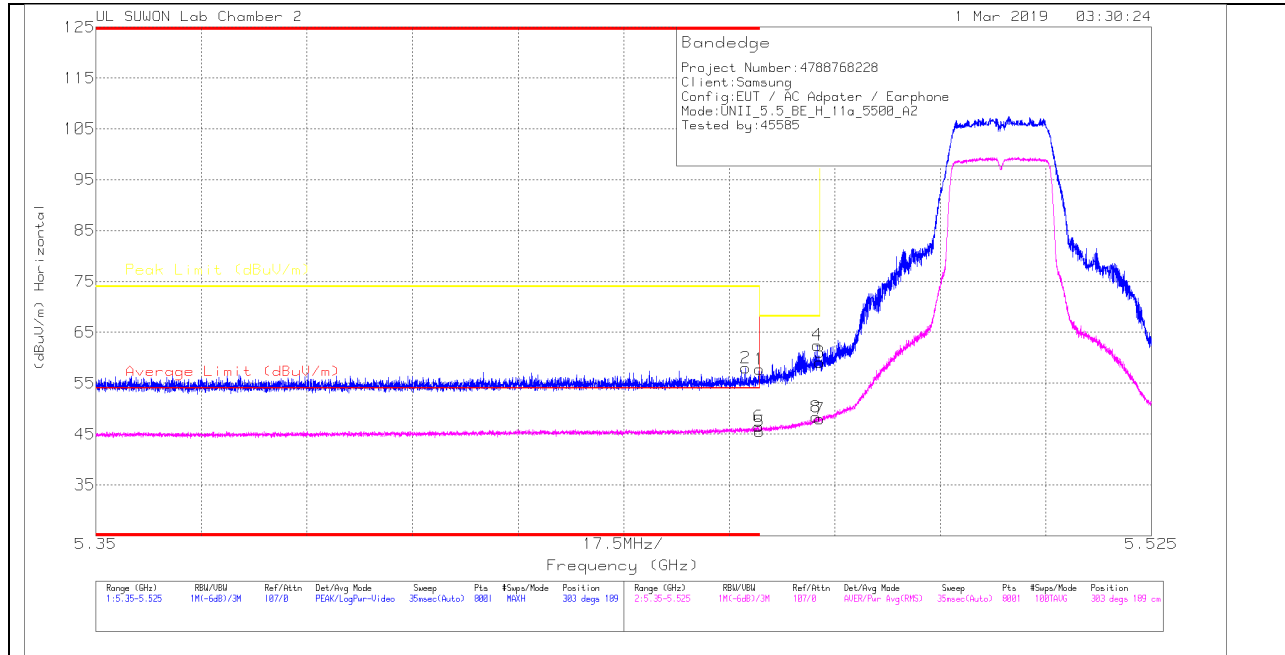
PK – Peak Detector

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 1 GHz 802.11a 1Tx ANT2 IN THE 5.5 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

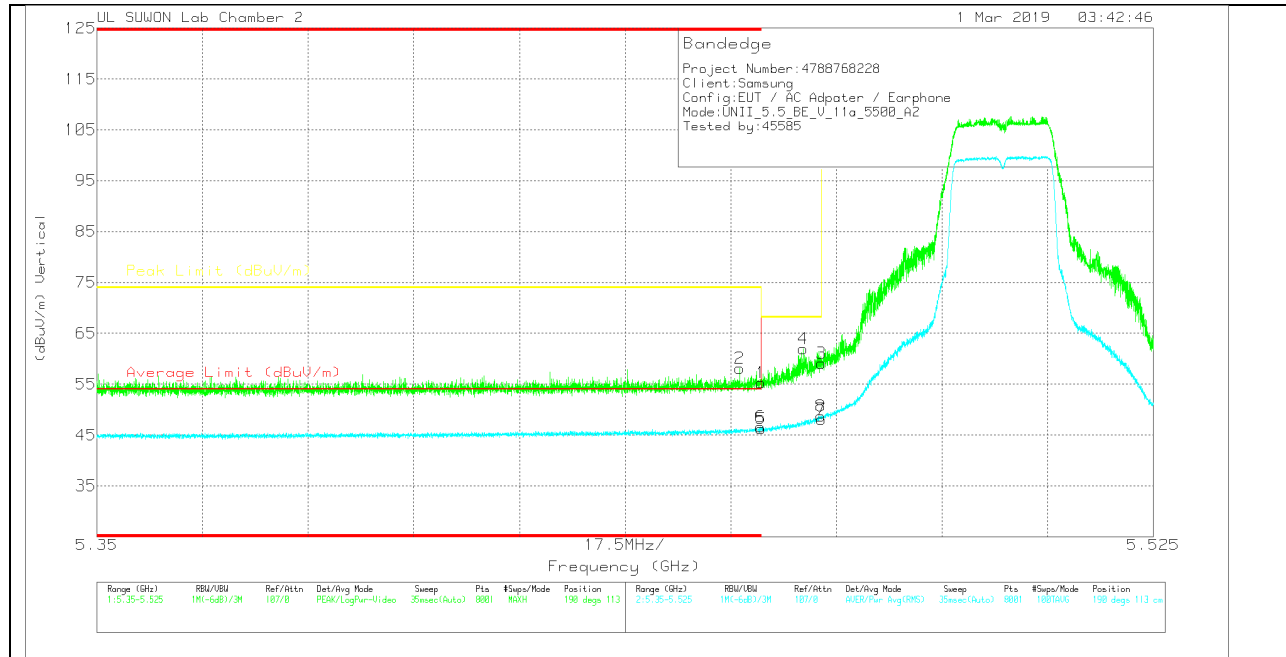
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	41.37	Pk	34.6	-18.2	0	57.77	-	-	74	-16.23	303	189	H
2	* 5.458	41.64	Pk	34.6	-18.2	0	58.04	-	-	74	-15.96	303	189	H
3	5.47	42.61	Pk	34.6	-18.1	0	59.11	-	-	68.2	-9.09	303	189	H
4	5.47	46.01	Pk	34.6	-18.1	0	62.51	-	-	68.2	-5.69	303	189	H
5	* 5.46	27.84	RMS	34.6	-16.9	0	45.54	54	-8.46	-	-	303	189	H
6	* 5.46	28.76	RMS	34.6	-16.9	0	46.46	54	-7.54	-	-	303	189	H
7	5.47	30.26	RMS	34.6	-16.9	0	47.96	-	-	-	-	303	189	H
8	5.469	30.63	RMS	34.6	-16.9	0	48.33	-	-	-	-	303	189	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	38.92	Pk	34.6	-18.2	0	55.32	-	-	74	-18.68	190	113	V
2	* 5.456	41.69	Pk	34.6	-18.2	0	58.09	-	-	74	-15.91	190	113	V
3	5.47	42.61	Pk	34.6	-18.1	0	59.11	-	-	68.2	-9.09	190	113	V
4	5.467	45.55	Pk	34.6	-18.2	0	61.95	-	-	68.2	-6.25	190	113	V
5	* 5.46	28.51	RMS	34.6	-16.9	0	46.21	54	-7.79	-	-	190	113	V
6	* 5.46	28.91	RMS	34.6	-16.9	0	46.61	54	-7.39	-	-	190	113	V
7	5.47	30.43	RMS	34.6	-16.9	0	48.13	-	-	-	-	190	113	V
8	5.47	31.03	RMS	34.6	-16.9	0	48.73	-	-	-	-	190	113	V

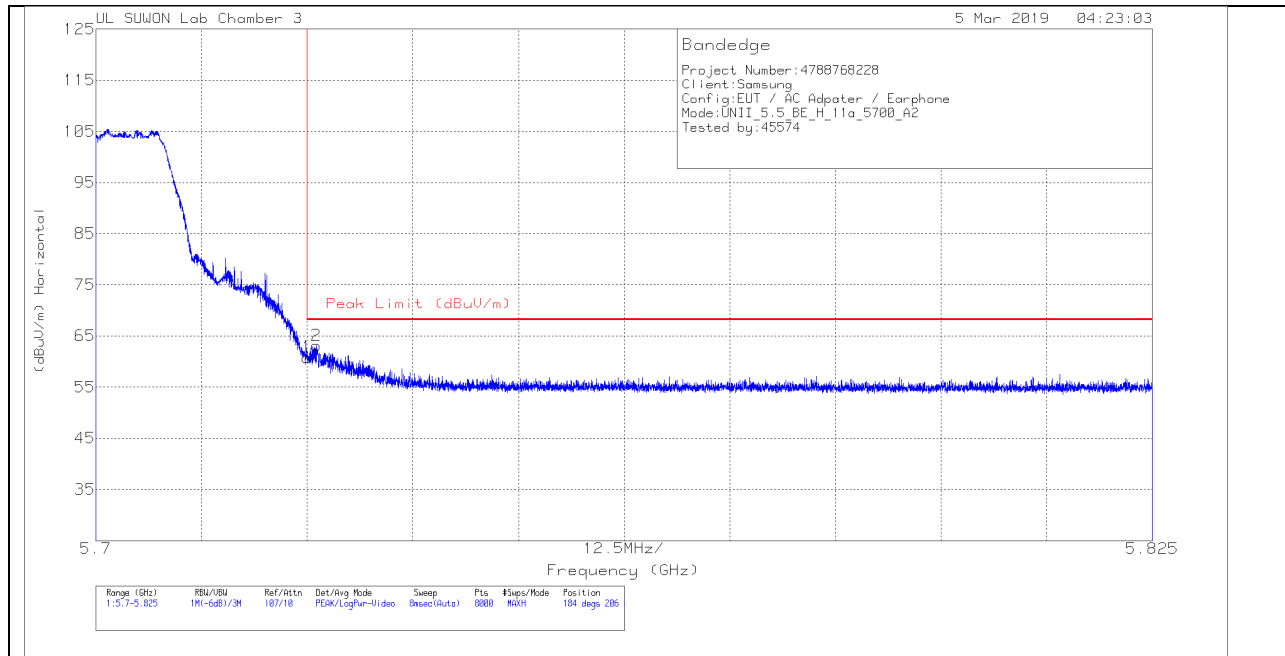
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



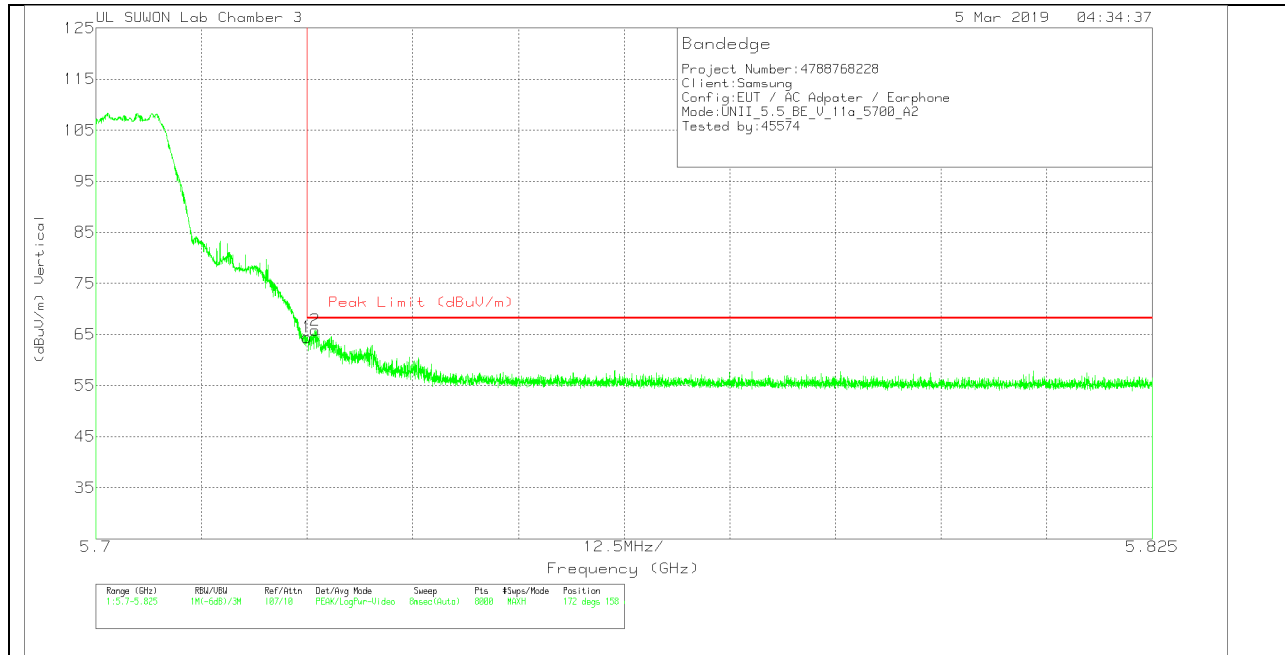
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.96	Pk	34.8	-17.9	60.86	68.2	-7.34	184	206	H
2	5.726	46.29	Pk	34.8	-17.9	63.19	68.2	-5.01	184	206	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

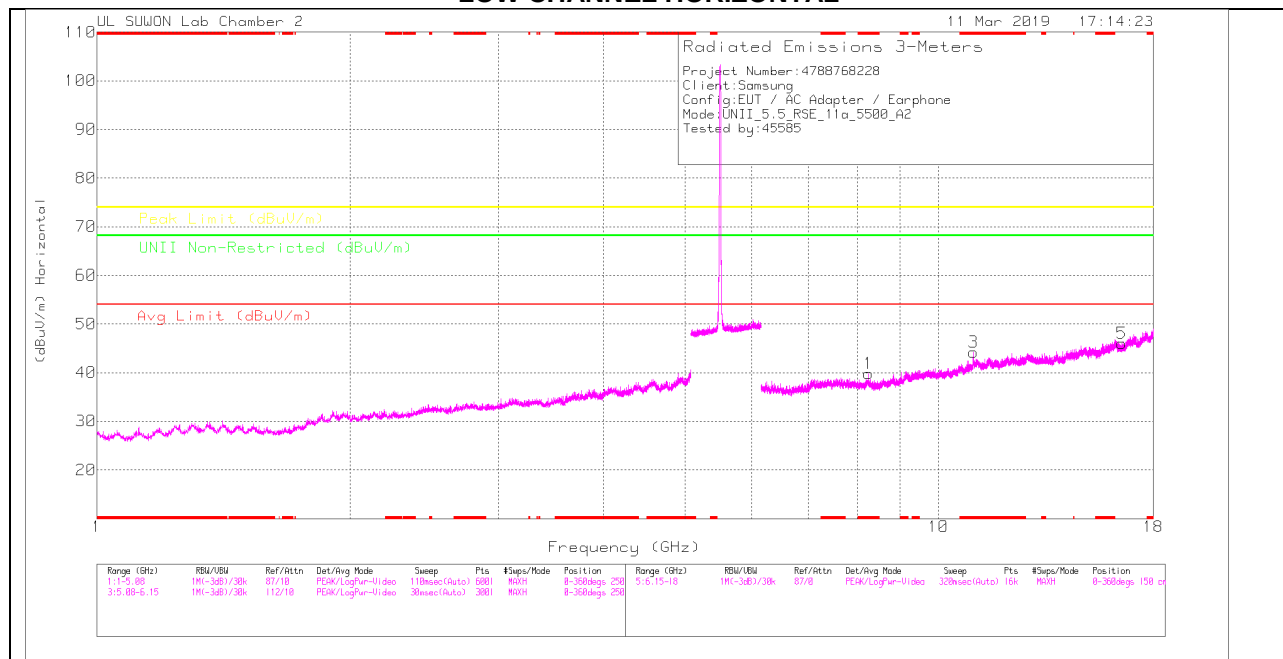
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.53	Pk	34.8	-17.9	64.43	68.2	-3.77	172	158	V
2	5.726	48.99	Pk	34.8	-17.9	65.89	68.2	-2.31	172	158	V

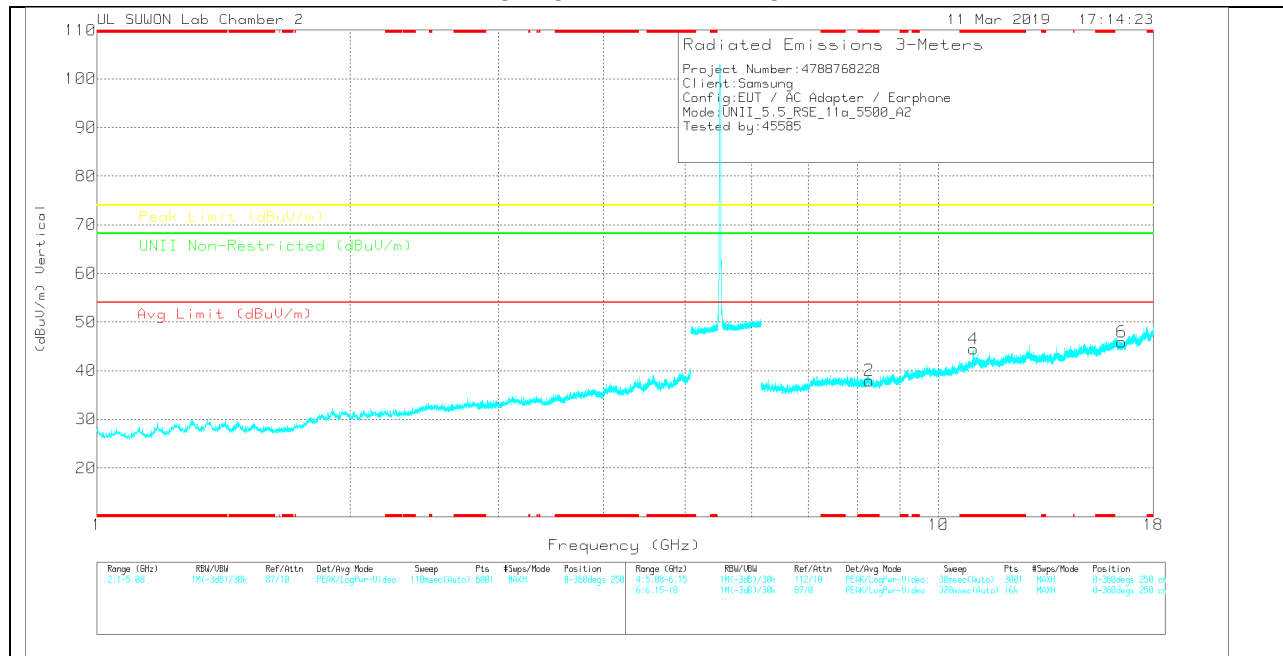
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.264	26.67	PK	36	-22.9	0	39.77	-	-	74	-34.23	-	-	0-360	150	H
3	* 10.998	26.65	PK	38.1	-20.5	0	44.25	-	-	74	-29.75	-	-	0-360	250	H
5	16.503	25.34	PK	40.5	-19.8	0	46.04	-	-	-	-	68.2	-22.16	0-360	250	H
2	* 8.268	24.84	PK	36	-22.9	0	37.94	-	-	74	-36.06	-	-	0-360	150	V
4	* 10.997	26.9	PK	38.1	-20.5	0	44.5	-	-	74	-29.5	-	-	0-360	250	V
6	16.503	25.19	PK	40.5	-19.8	0	45.89	-	-	-	-	68.2	-22.31	0-360	150	V

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

PK – Peak detector

Radiated Emissions

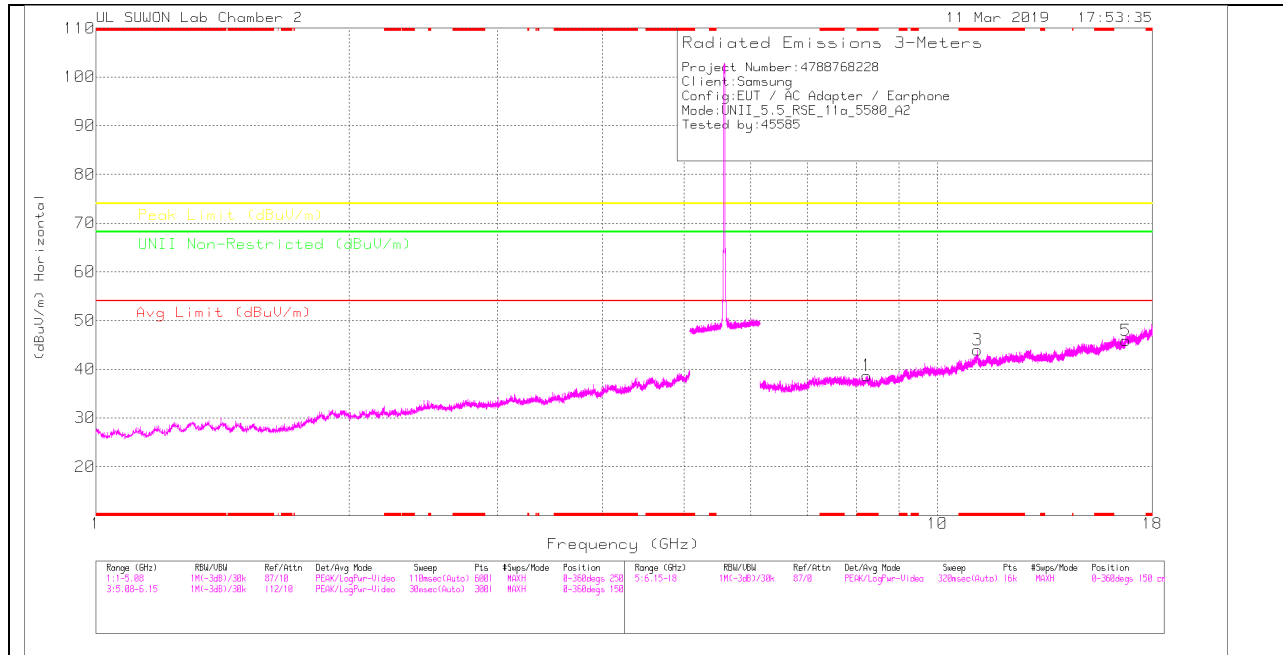
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.996	37.24	PK-U	38.1	-20.5	0	54.84	-	-	74	-19.16	-	-	76	142	H
* 11	24.74	ADR	38.1	-20.6	0	42.24	54	-11.76	-	-	-	-	76	142	H
* 11.002	37.71	PK-U	38.1	-20.6	0	55.21	-	-	74	-18.79	-	-	254	175	V
* 11	25.68	ADR	38.1	-20.6	0	43.18	54	-10.82	-	-	-	-	254	175	V

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

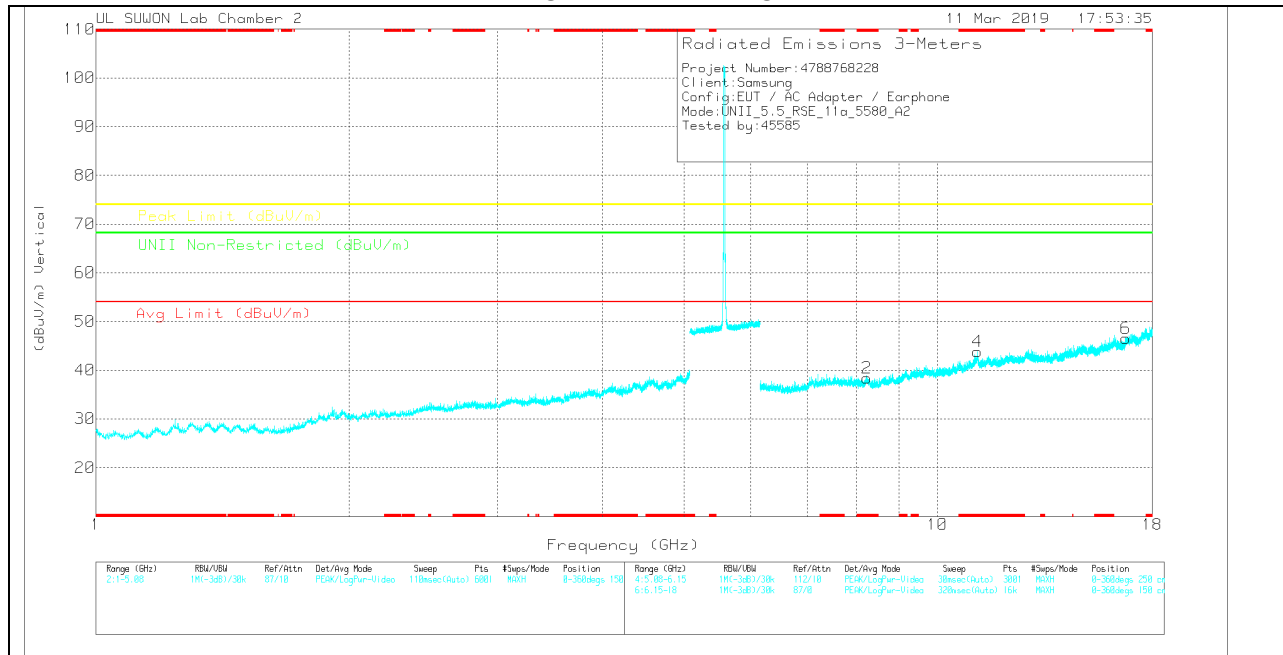
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.241	25.91	PK	36	-23.2	0	38.71	-	-	74	-35.29	-	-	0-360	250	H
3	* 11.161	25.26	PK	38.2	-19.5	0	43.96	-	-	74	-30.04	-	-	0-360	250	H
5	16.74	24.23	PK	40.9	-19.2	0	45.93	-	-	-	-	68.2	-22.27	0-360	150	H
2	* 8.241	25.59	PK	36	-23.2	0	38.39	-	-	74	-35.61	-	-	0-360	250	V
4	* 11.159	25.18	PK	38.2	-19.6	0	43.78	-	-	74	-30.22	-	-	0-360	250	V
6	16.743	24.69	PK	40.9	-19.1	0	46.49	-	-	-	-	68.2	-21.71	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

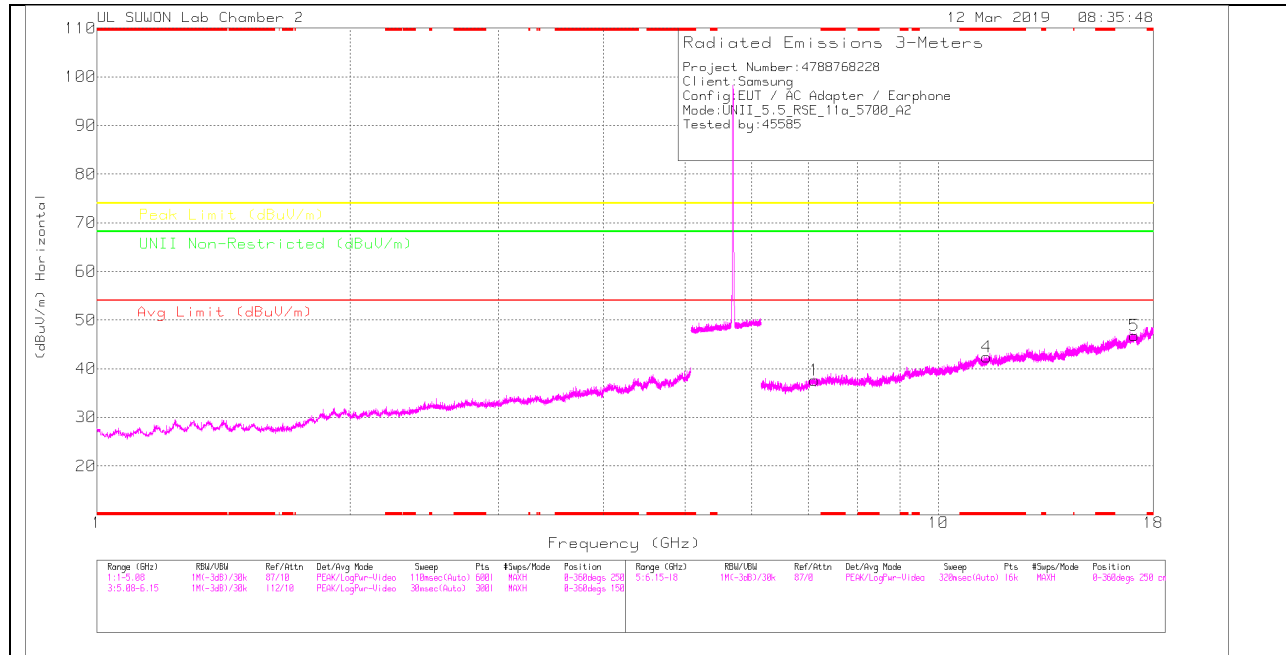
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.161	35.35	PK-U	38.2	-19.5	0	54.05	-	-	74	-19.95	-	-	81	170	H
* 11.16	23.05	ADR	38.2	-19.6	0	41.65	54	-12.35	-	-	-	-	81	170	H
* 11.16	36.62	PK-U	38.2	-19.6	0	55.22	-	-	74	-18.78	-	-	256	205	V
* 11.16	24.09	ADR	38.2	-19.6	0	42.69	54	-11.31	-	-	-	-	256	205	V

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

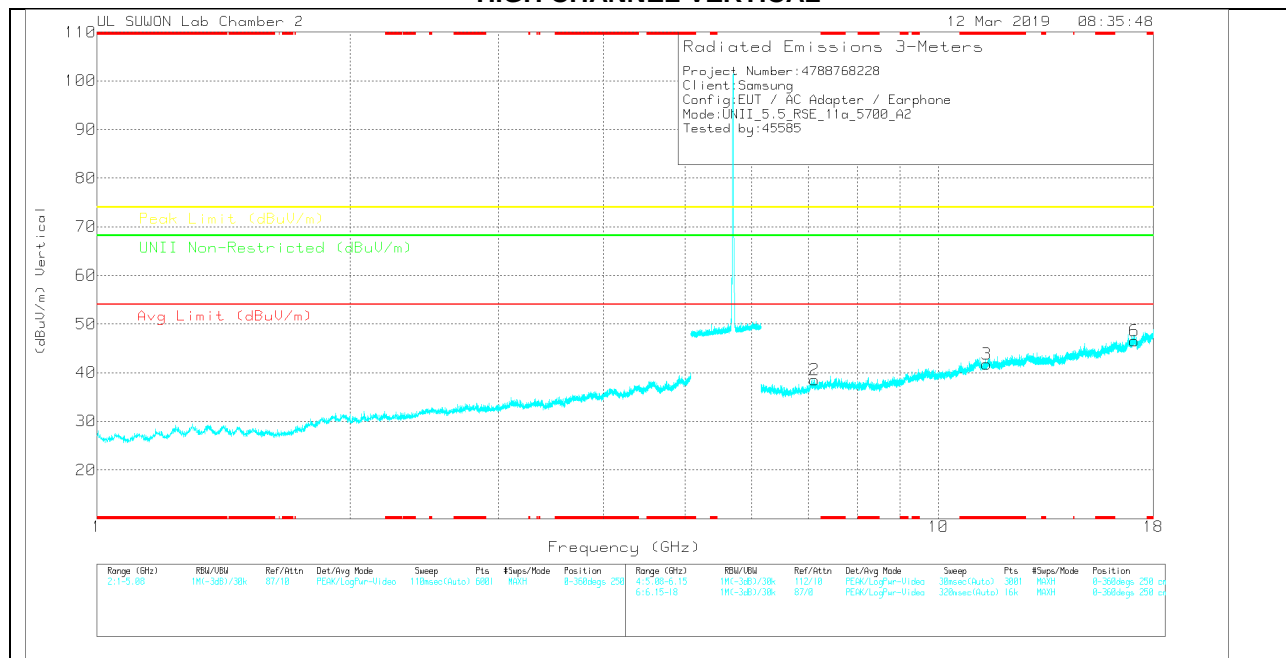
PK-U - U-NII: Maximum Peak

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 (dBm)	Det	3117_00108724	GHz_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	7.122	25.41	PK	36	-23.8	0	37.61	-	-	-	-	68.2	-30.59	0-360	150	H
4	* 11.402	24.26	PK	38.3	-20.2	0	42.36	-	-	74	-31.64	-	-	0-360	250	H
5	17.099	24.2	PK	41.3	-18.7	0	46.8	-	-	-	-	68.2	-21.4	0-360	150	H
2	7.119	26.33	PK	36	-23.8	0	38.53	-	-	-	-	68.2	-29.67	0-360	150	V
3	* 11.401	23.61	PK	38.3	-20.2	0	41.71	-	-	74	-32.29	-	-	0-360	250	V
6	17.101	23.8	PK	41.3	-18.6	0	46.5	-	-	-	-	68.2	-21.7	0-360	250	V

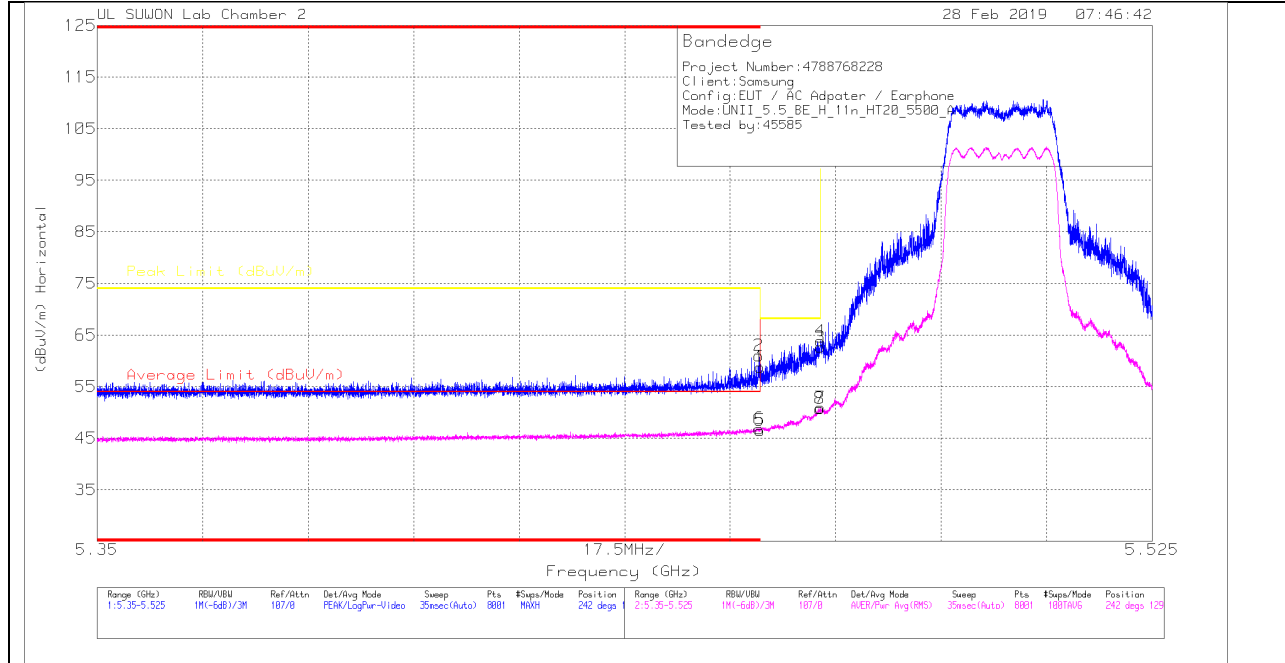
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 802.11n HT20 2Tx CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

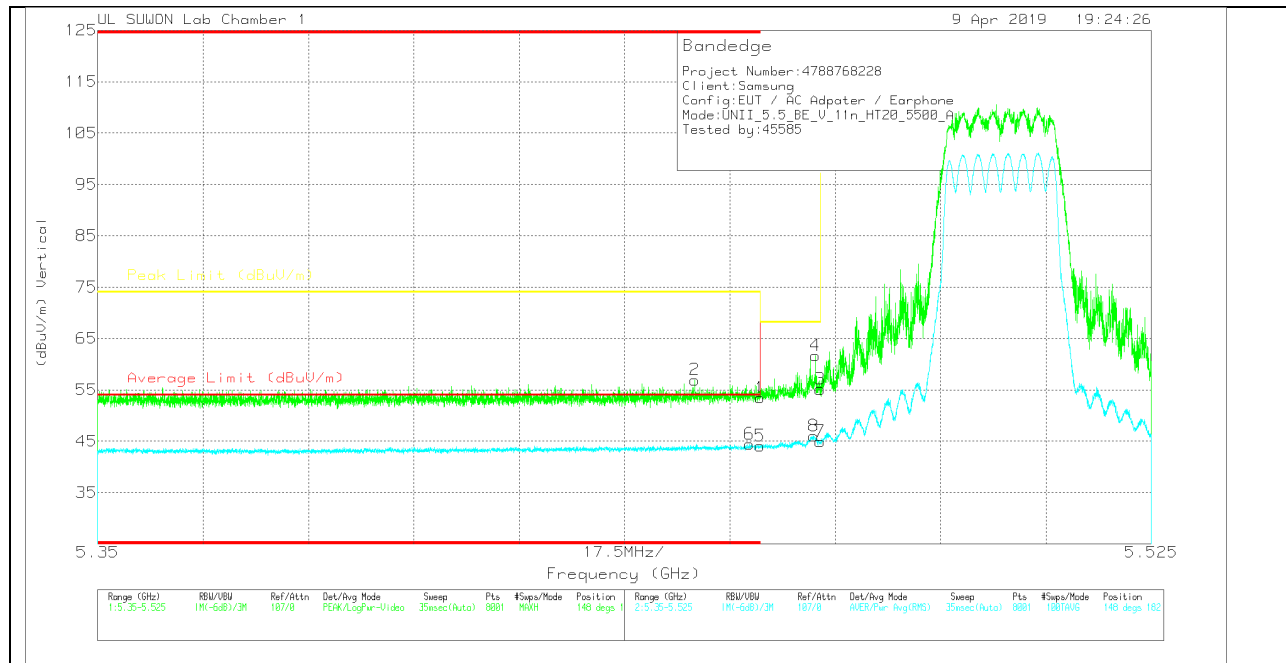
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	42.42	Pk	34.6	-18.2	0	58.82	-	-	74	-15.18	242	129	H
2	* 5.46	44.62	Pk	34.6	-18.2	0	61.02	-	-	74	-12.98	242	129	H
3	5.47	46.12	Pk	34.6	-18.1	0	62.62	-	-	68.2	-5.58	242	129	H
4	5.47	47.38	Pk	34.6	-18.1	0	63.88	-	-	68.2	-4.32	242	129	H
5	* 5.46	28.72	RMS	34.6	-16.9	.09	46.51	54	-7.49	-	-	242	129	H
6	* 5.46	29.06	RMS	34.6	-16.9	.09	46.85	54	-7.15	-	-	242	129	H
7	5.47	33.13	RMS	34.6	-16.9	.09	50.92	-	-	-	-	242	129	H
8	5.47	32.96	RMS	34.6	-16.9	.09	50.75	-	-	-	-	242	129	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.46	40.19	Pk	34.7	-21.4	0	53.49	-	-	74	-20.51	148	182	V
2	* 5.449	43.65	Pk	34.7	-21.4	0	56.95	-	-	74	-17.05	148	182	V
3	5.47	41.83	Pk	34.7	-21.4	0	55.13	-	-	68.2	-13.07	148	182	V
4	5.469	48.4	Pk	34.7	-21.4	0	61.7	-	-	68.2	-6.5	148	182	V
5	* 5.46	30.81	RMS	34.7	-21.5	.09	44.1	54	-9.9	-	-	148	182	V
6	* 5.458	31.27	RMS	34.7	-21.6	.09	44.46	54	-9.54	-	-	148	182	V
7	5.47	31.67	RMS	34.7	-21.5	.09	44.96	-	-	-	-	148	182	V
8	5.469	32.85	RMS	34.7	-21.6	.09	46.04	-	-	-	-	148	182	V

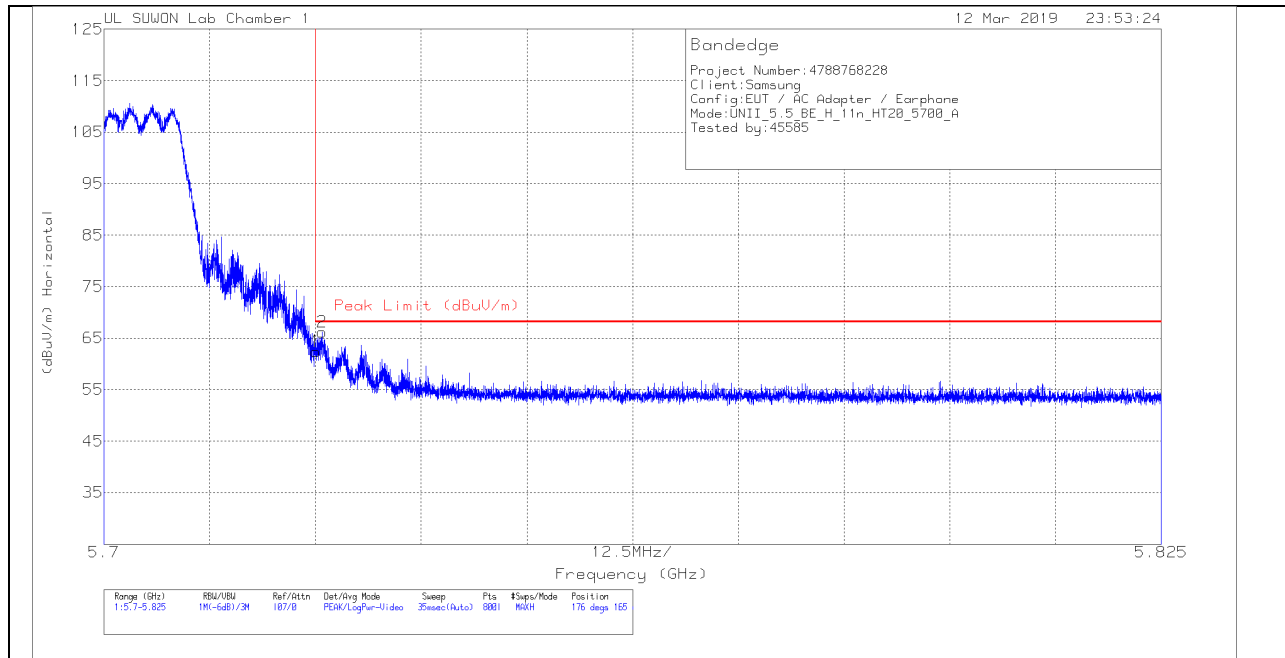
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



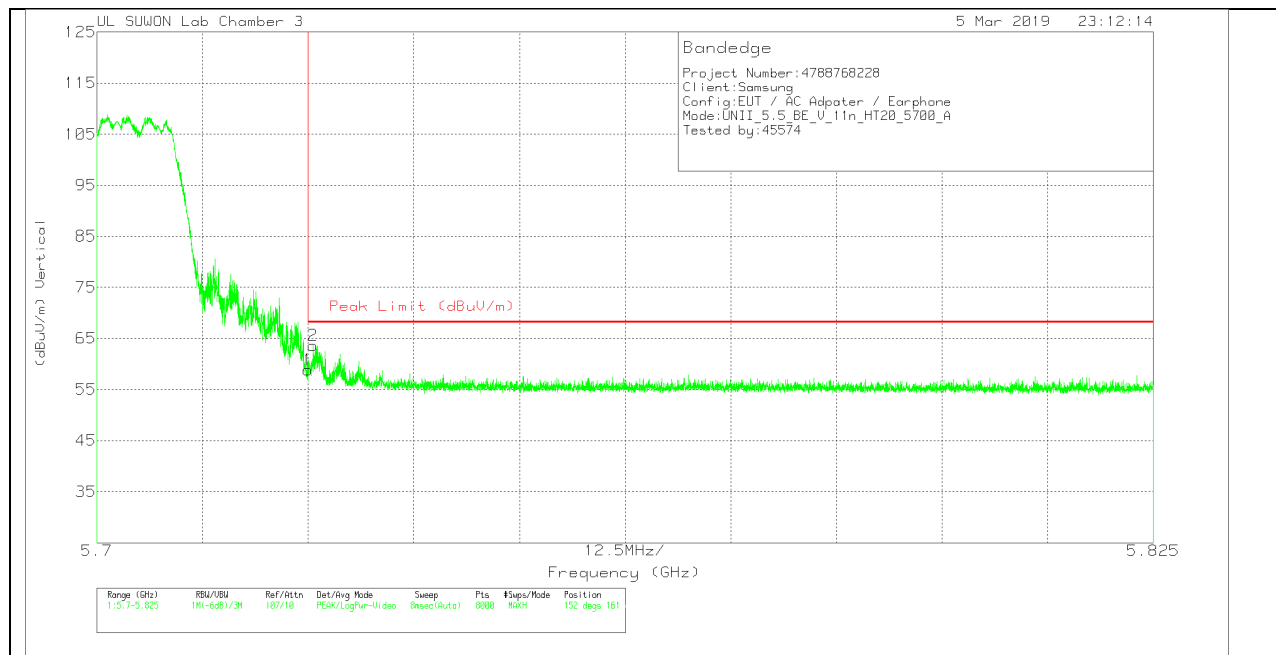
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	48.75	Pk	34.8	-21.1	0	62.45	68.2	-5.75	176	165	H
2	5.726	52.43	Pk	34.8	-21.1	0	66.13	68.2	-2.07	176	165	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

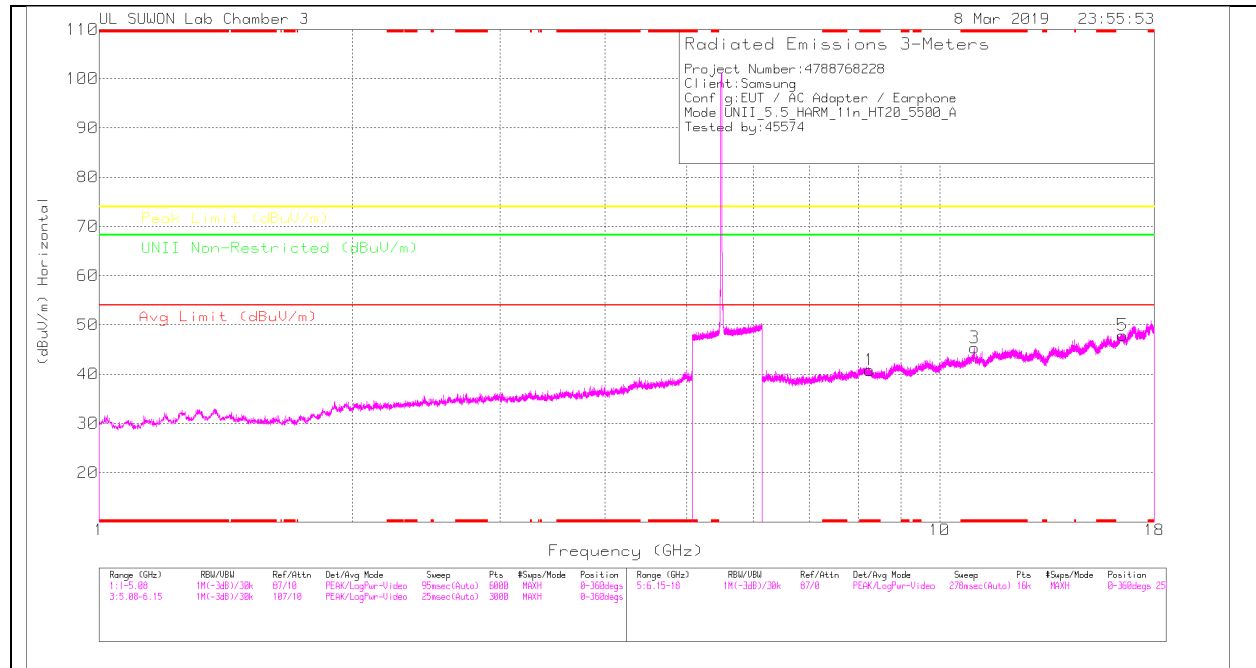
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.98	Pk	34.8	-17.9	0	58.88	68.2	-9.32	152	161	V
2	5.726	46.73	Pk	34.8	-17.9	0	63.63	68.2	-4.57	152	161	V

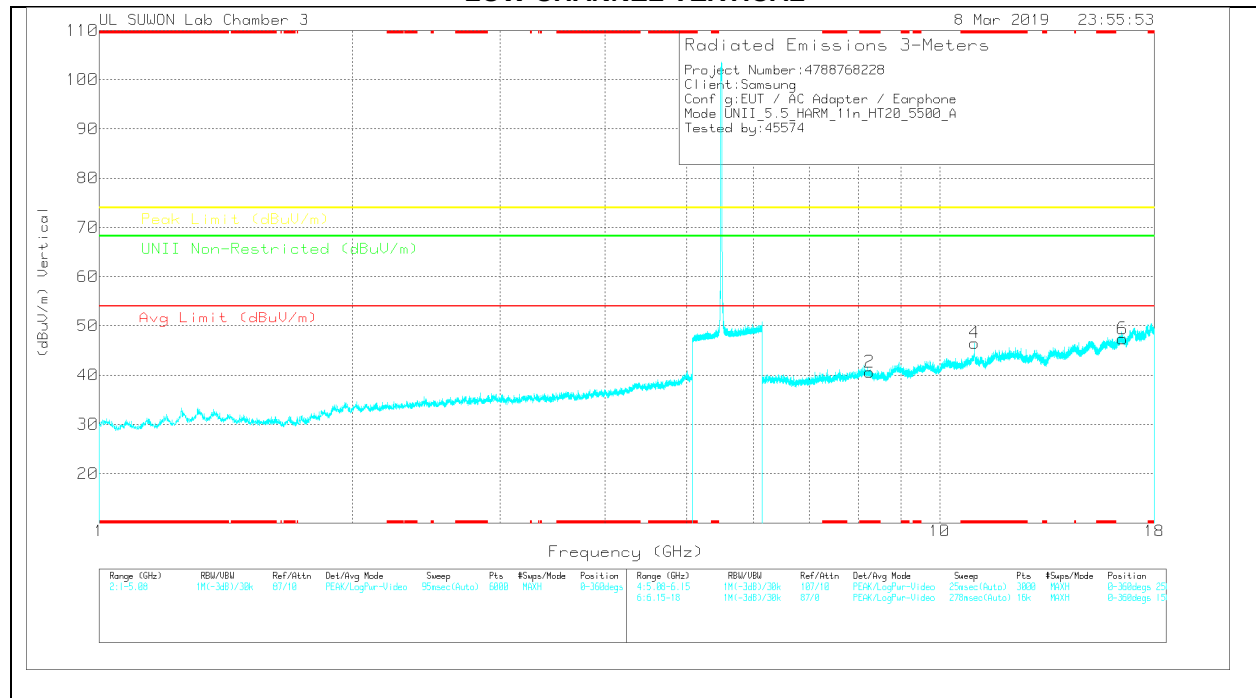
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	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	* 8.252	26.51	PK	36.4	-22.1	0	40.81	-	-	74	-33.19	-	-	0-360	250	H
3	* 11	26.66	PK	38.2	-19.5	0	45.36	-	-	74	-28.64	-	-	0-360	250	H
5	16.501	24.3	PK	40.9	-17.3	0	47.9	-	-	-	-	68.2	-20.3	0-360	250	H
2	* 8.251	26.34	PK	36.4	-22.1	0	40.64	-	-	74	-33.36	-	-	0-360	250	V
4	* 10.999	27.74	PK	38.2	-19.4	0	46.54	-	-	74	-27.46	-	-	0-360	150	V
6	16.499	23.79	PK	40.9	-17.3	0	47.39	-	-	-	-	68.2	-20.81	0-360	250	V

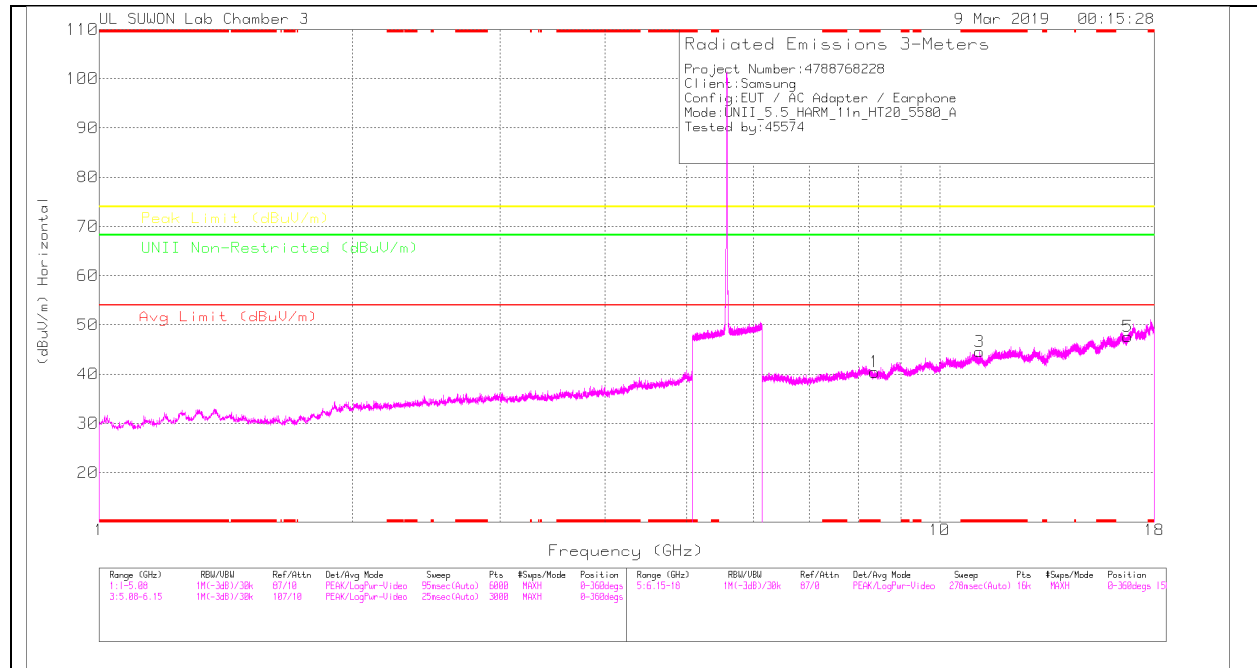
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

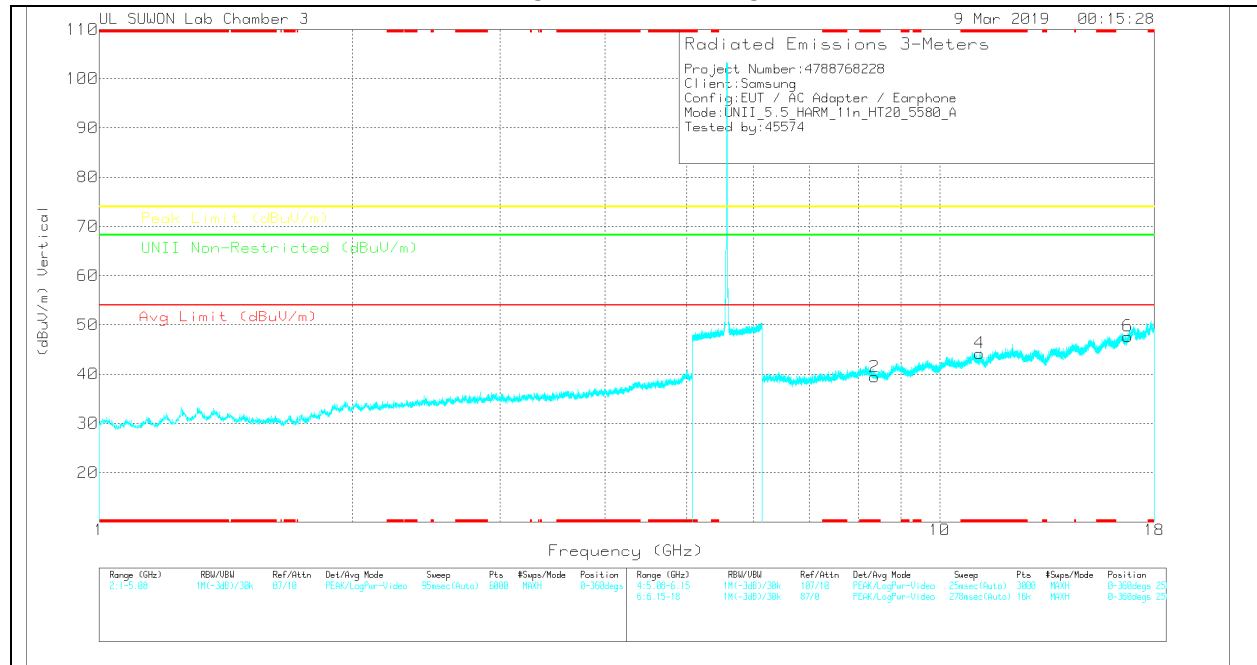
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 11.001	34.49	PK-U	38.2	-19.4	0	53.29	-	-	74	-20.71	-	-	81	147	H
* 10.997	24.28	ADR	38.2	-19.4	.09	43.17	54	-10.83	-	-	-	-	81	147	H
* 10.995	33.1	PK-U	38.2	-19.5	0	51.8	-	-	74	-22.2	-	-	107	128	V
* 11.006	24.52	ADR	38.2	-19.5	.09	43.31	54	-10.69	-	-	-	-	107	128	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

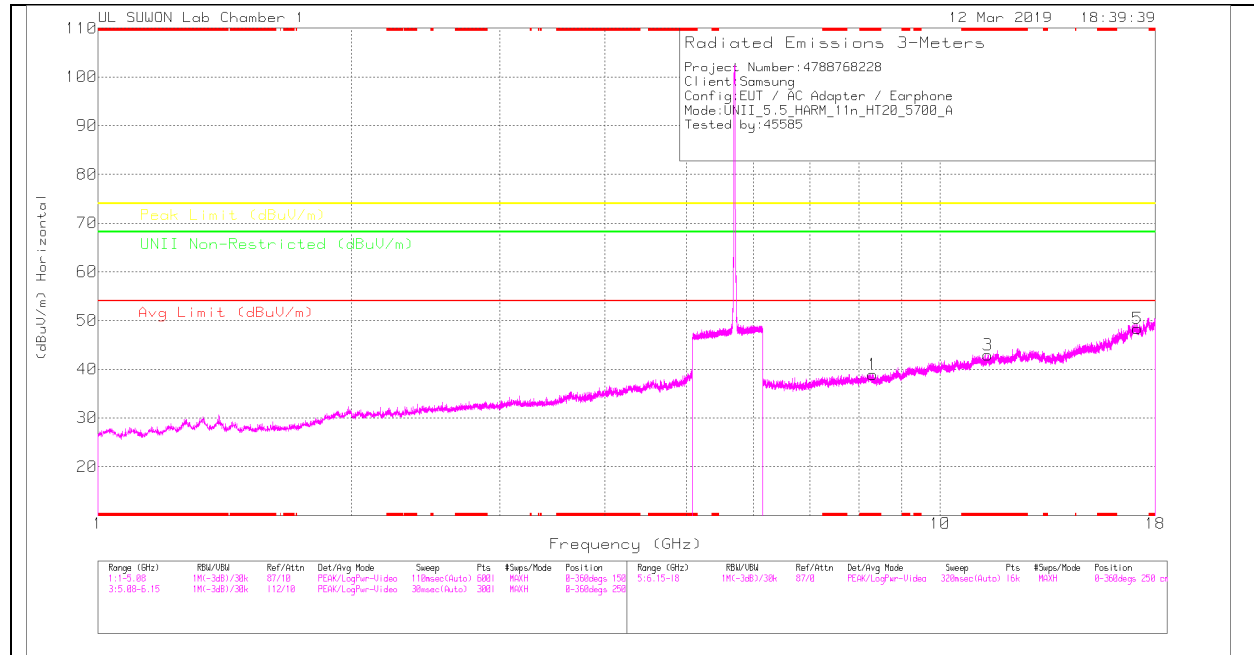
Marker	Frequency (GHz)	Motor Reading (dBuV)	Det	3117_00205959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.371	26.12	PK	36.3	-22	0	40.42	-	-	74	-33.58	-	-	0-360	150	H
3	* 11.158	25.87	PK	38.3	-19.6	0	44.57	-	-	74	-29.43	-	-	0-360	250	H
5	16.741	23.11	PK	41.3	-16.8	0	47.61	-	-	-	-	68.2	-20.59	0-360	250	H
2	* 8.371	25.16	PK	36.3	-22	0	39.46	-	-	74	-34.54	-	-	0-360	250	V
4	* 11.158	25.54	PK	38.3	-19.6	0	44.24	-	-	74	-29.76	-	-	0-360	149	V
6	16.74	23.29	PK	41.3	-16.9	0	47.69	-	-	-	-	68.2	-20.51	0-360	149	V

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

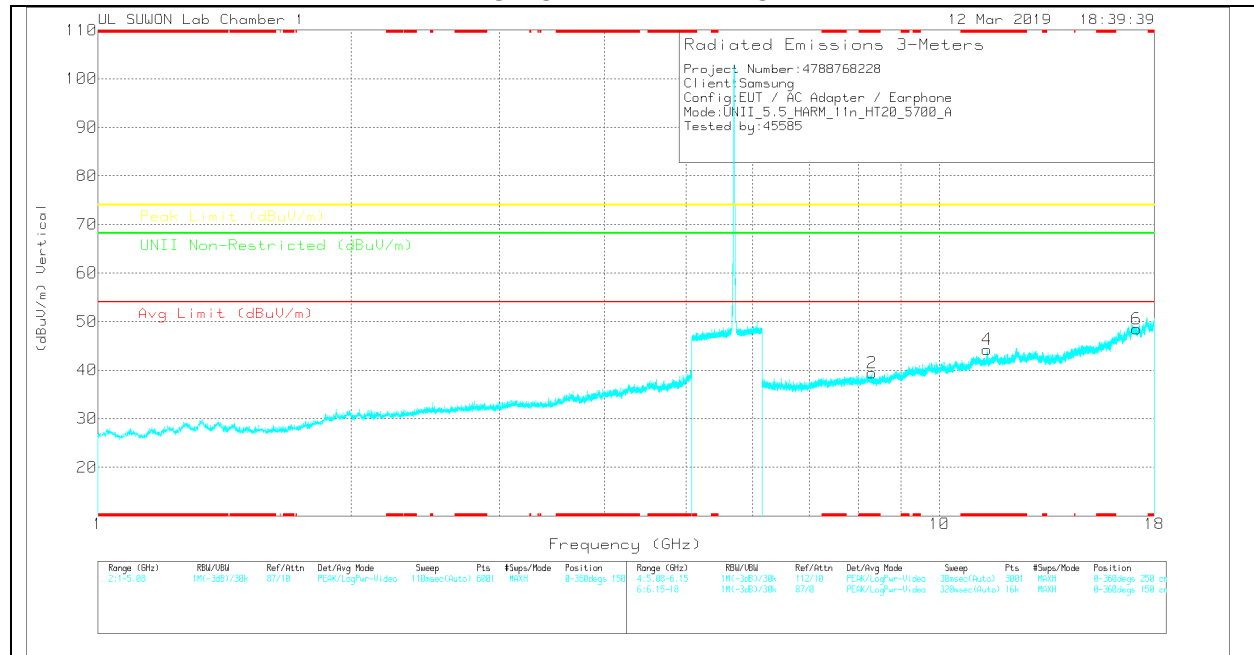
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unlt Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.309	27.8	PK	36.4	-25.3	0	38.9	-	-	74	-35.1	-	-	0-360	250	H
3	* 11.398	26.87	PK	38.4	-22.3	0	42.97	-	-	74	-31.03	-	-	0-360	250	H
5	17.147	24.44	PK	41.5	-17.6	0	48.34	-	-	-	-	68.2	-19.86	0-360	150	H
2	* 8.316	28.45	PK	36.3	-25.3	0	39.45	-	-	74	-34.55	-	-	0-360	250	V
4	* 11.398	28.17	PK	38.4	-22.3	0	44.27	-	-	74	-29.73	-	-	0-360	250	V
6	17.139	24.53	PK	41.5	-17.5	0	48.53	-	-	-	-	68.2	-19.67	0-360	150	V

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

PK – Peak detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unlt Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 11.397	37.04	PK-U	38.4	-22.4	0	53.04	-	-	74	-20.96	-	-	49	151	H
* 11.401	25.25	ADR	38.5	-22.4	.09	41.45	54	-12.55	-	-	-	-	49	151	H
* 11.401	38.09	PK-U	38.5	-22.4	0	54.19	-	-	74	-19.81	-	-	144	155	V
* 11.401	26.33	ADR	38.5	-22.4	.09	42.52	54	-11.48	-	-	-	-	144	155	V

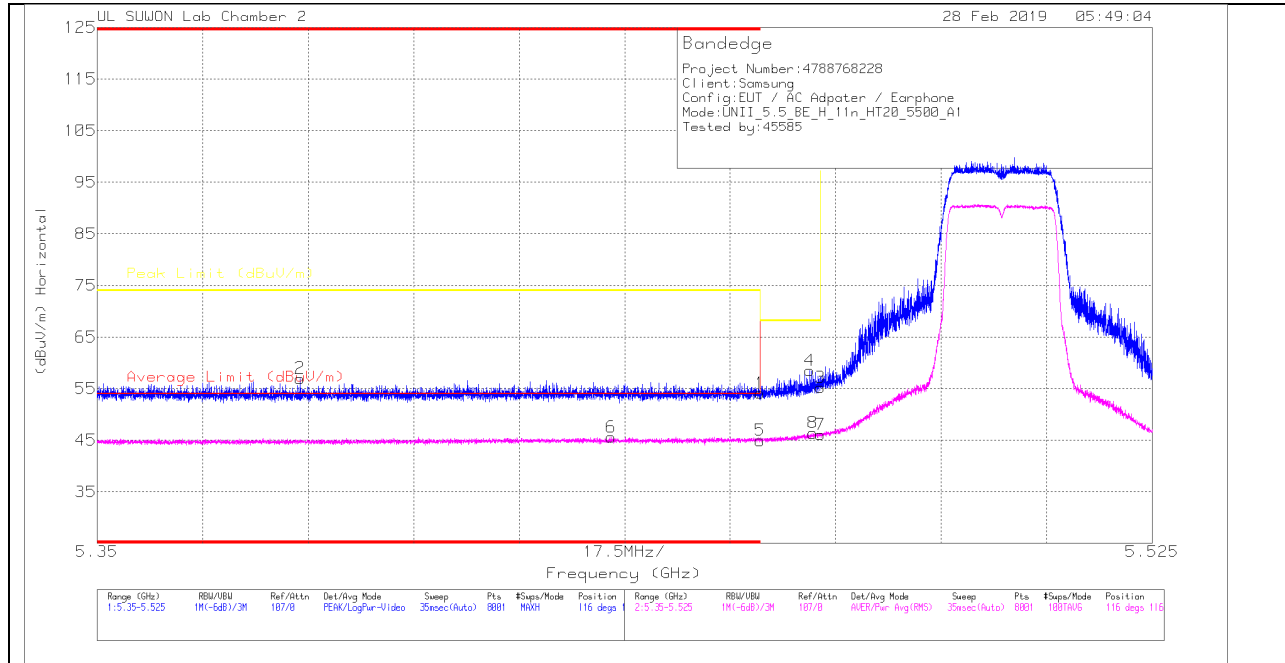
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.3.5.TX ABOVE 1GHz 802.11n HT20 1Tx ANT1 IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

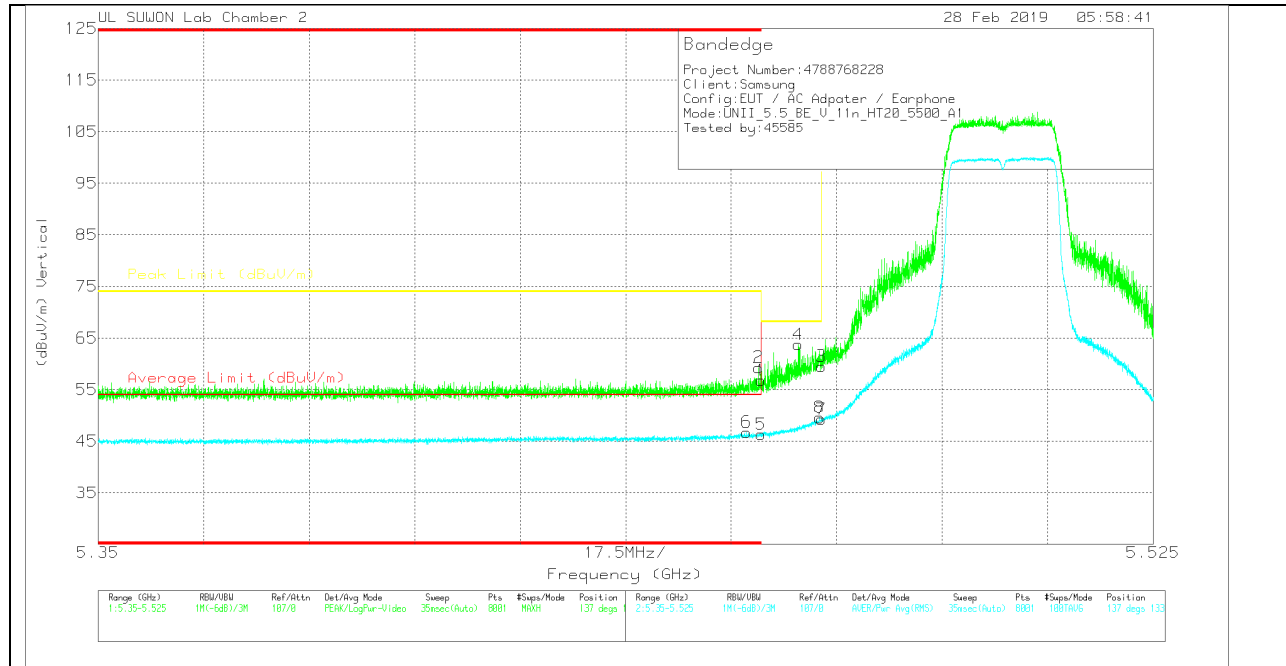
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	37.71	Pk	34.6	-18.2	0	54.11	-	-	74	-19.89	116	116	H
2	* 5.384	40.58	Pk	34.5	-18.1	0	56.98	-	-	74	-17.02	116	116	H
3	5.47	38.7	Pk	34.6	-18.1	0	55.2	-	-	68.2	-13	116	116	H
4	5.468	42.12	Pk	34.6	-18.2	0	58.52	-	-	68.2	-9.68	116	116	H
5	* 5.46	27.16	RMS	34.6	-16.9	.09	44.95	54	-9.05	-	-	116	116	H
6	* 5.435	28.03	RMS	34.5	-17	.09	45.62	54	-8.38	-	-	116	116	H
7	5.47	28.28	RMS	34.6	-16.9	.09	46.07	-	-	-	-	116	116	H
8	5.469	28.62	RMS	34.6	-16.9	.09	46.41	-	-	-	-	116	116	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	40.4	Pk	34.6	-18.2	0	56.8	-	-	74	-17.2	137	133	V
2	* 5.46	42.89	Pk	34.6	-18.2	0	59.29	-	-	74	-14.71	137	133	V
3	5.47	43.01	Pk	34.6	-18.1	0	59.51	-	-	68.2	-8.69	137	133	V
4	5.466	47.36	Pk	34.6	-18.2	0	63.76	-	-	68.2	-4.44	137	133	V
5	* 5.46	28.56	RMS	34.6	-16.9	.09	46.35	54	-7.65	-	-	137	133	V
6	* 5.458	28.97	RMS	34.6	-16.9	.09	46.76	54	-7.24	-	-	137	133	V
7	5.47	31.45	RMS	34.6	-16.9	.09	49.24	-	-	-	-	137	133	V
8	5.47	31.8	RMS	34.6	-16.9	.09	49.59	-	-	-	-	137	133	V

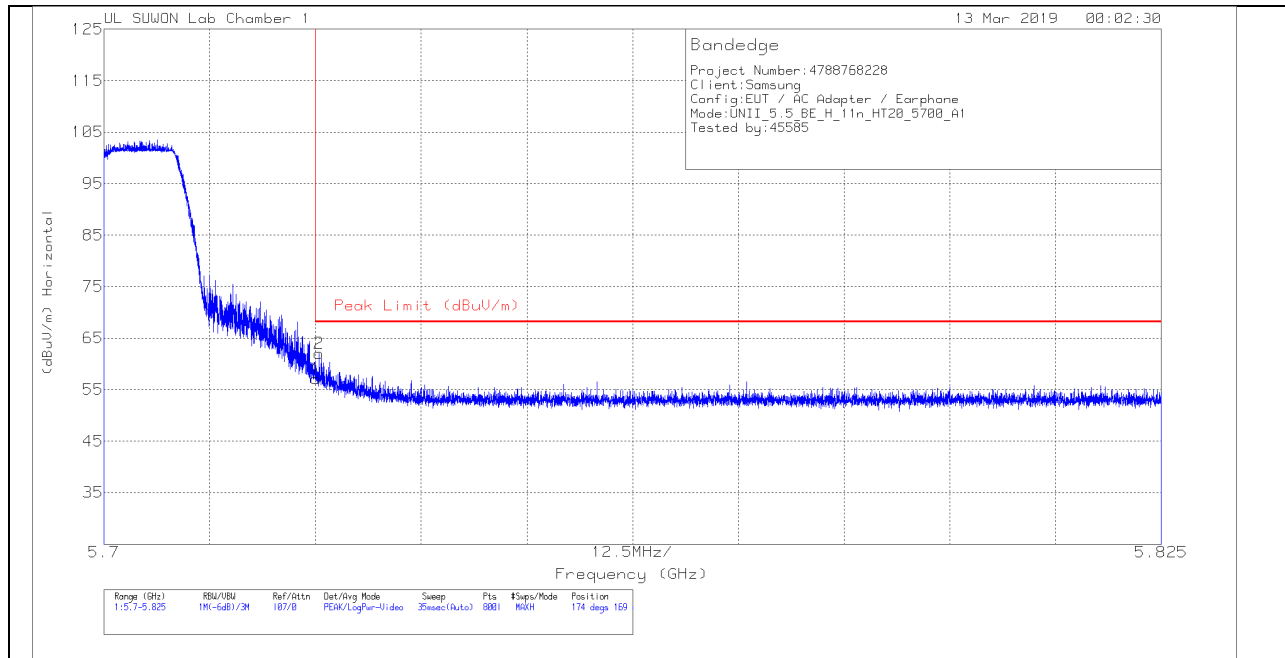
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



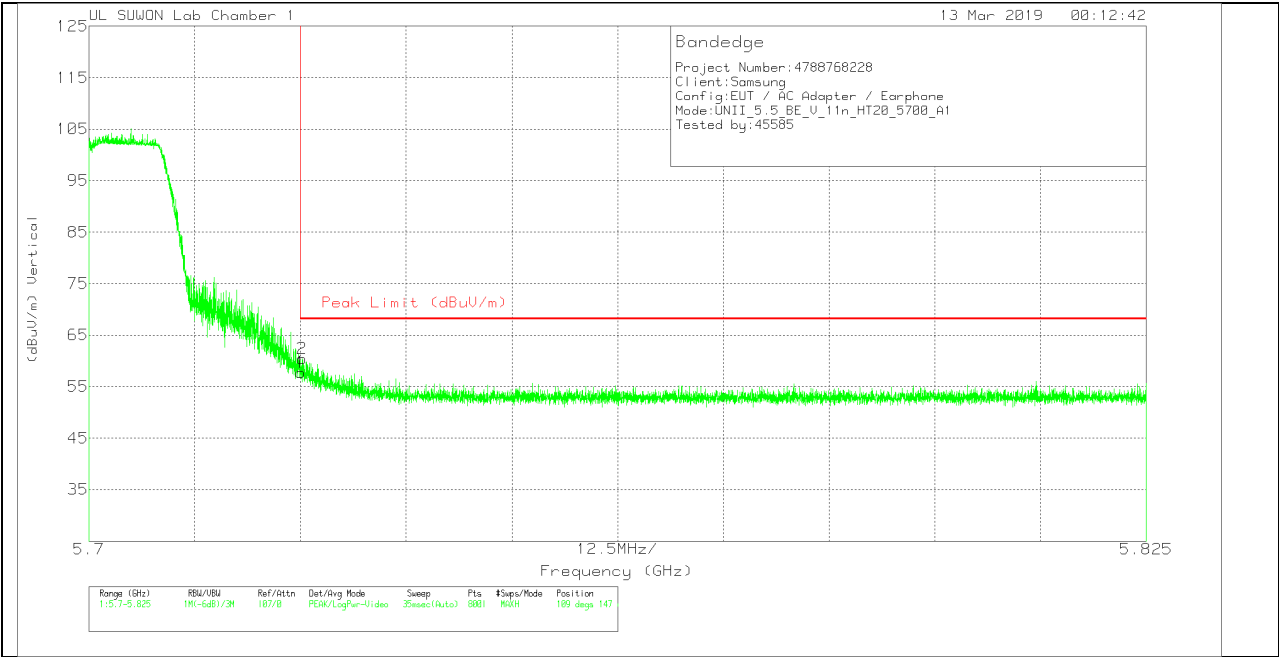
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	43.41	Pk	34.8	-21.1	0	57.11	68.2	-11.09	174	169	H
2	5.725	48.33	Pk	34.8	-21.1	0	62.03	68.2	-6.17	174	169	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

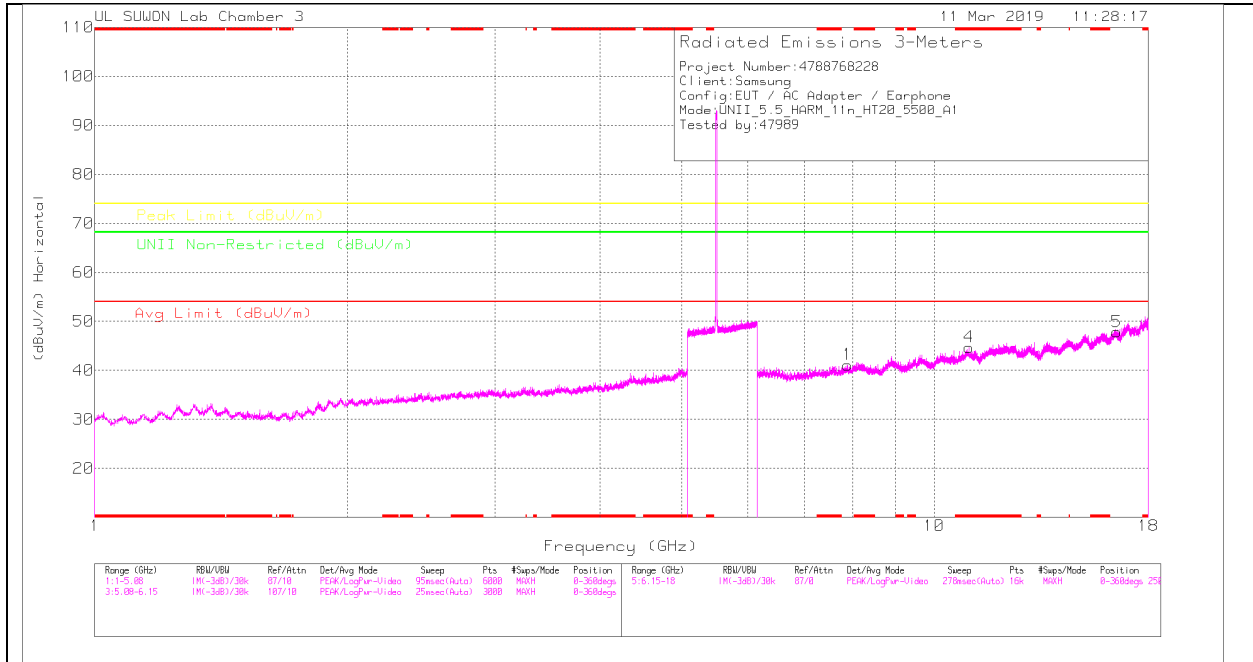
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	44.02	Pk	34.8	-21.1	0	57.72	68.2	-10.48	109	147	V
2	5.725	46.75	Pk	34.8	-21.1	0	60.45	68.2	-7.75	109	147	V

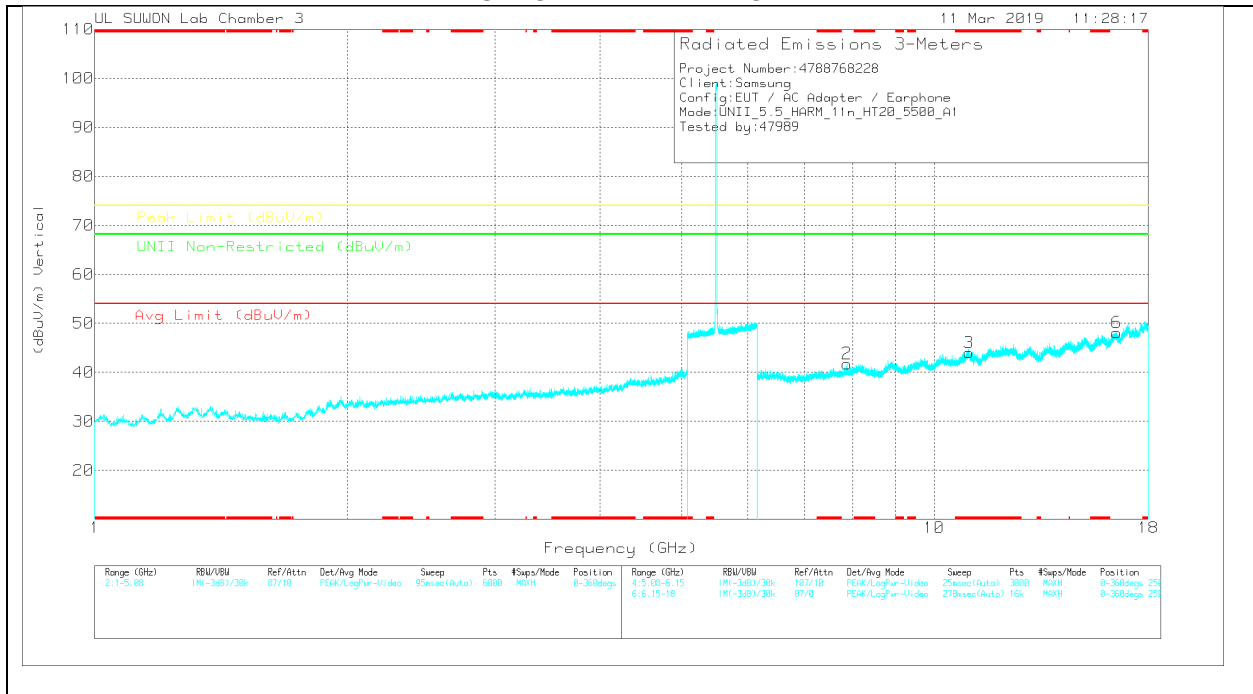
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

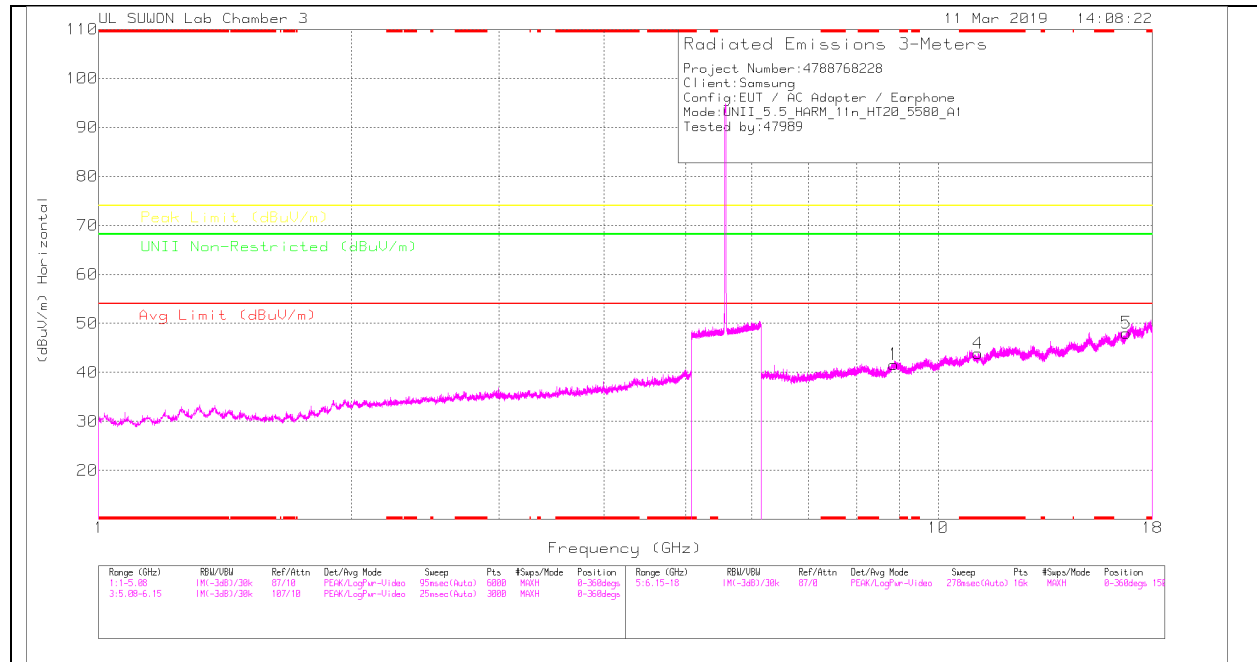
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00305959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.888	27.44	PK	36	-22.3	0	41.14	-	-	-	-	68.2	-27.06	0-360	150	H
4	*11.005	26.03	PK	38.2	-19.5	0	44.73	-	-	74	-29.27	-	-	0-360	150	H
5	16.499	24.35	PK	40.9	-17.4	0	47.85	-	-	-	-	68.2	-20.35	0-360	150	H
2	7.877	28.07	PK	36	-22.3	0	41.77	-	-	-	-	68.2	-26.43	0-360	250	V
3	*11.005	25.31	PK	38.2	-19.5	0	44.01	-	-	74	-29.99	-	-	0-360	150	V
6	16.502	24.5	PK	40.9	-17.3	0	48.1	-	-	-	-	68.2	-20.1	0-360	150	V

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

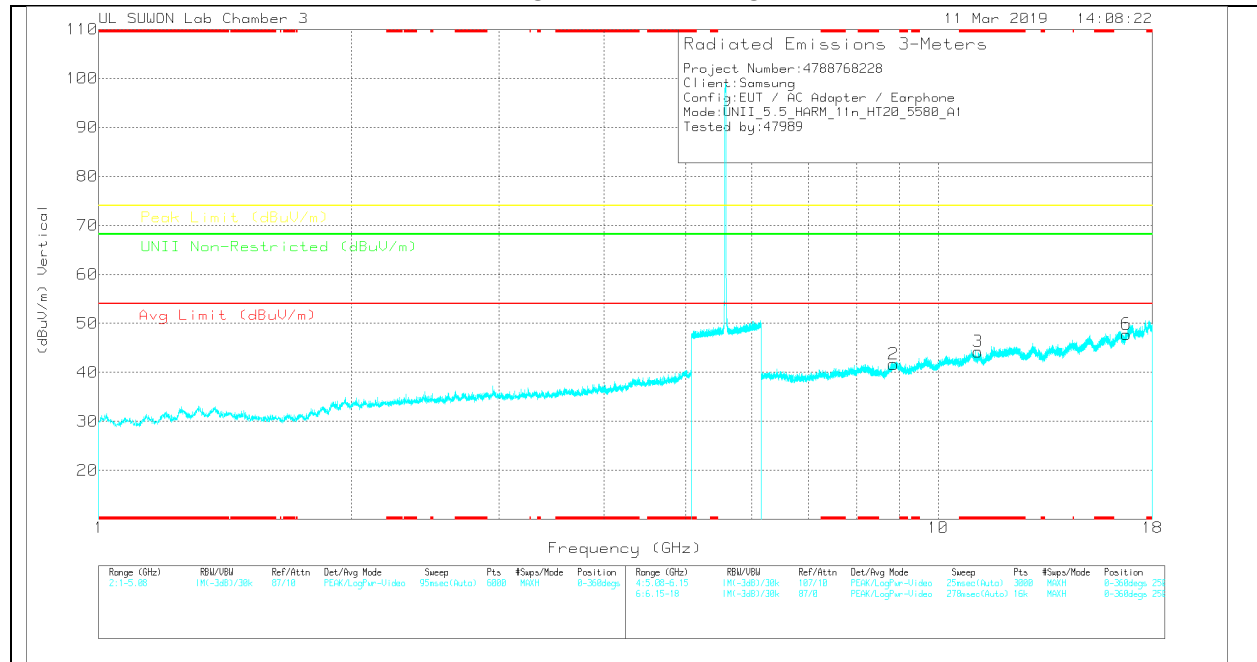
PK – Peak Detector

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

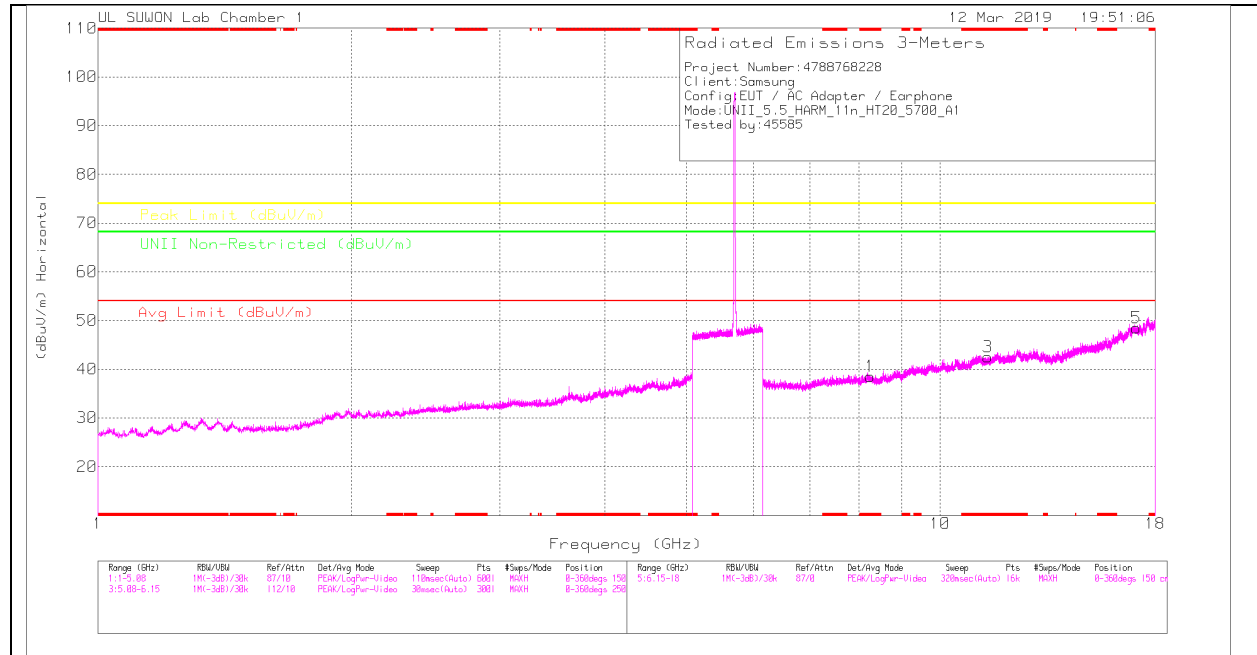
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00205959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.849	25.94	PK	36.5	-20.8	0	41.64	-	-	-	-	68.2	-26.56	0-360	150	H
4	* 11.158	25.17	PK	38.3	-19.6	0	43.87	-	-	74	-30.13	-	-	0-360	150	H
5	16.759	23.34	PK	41.4	-16.7	0	48.04	-	-	-	-	68.2	-20.16	0-360	150	H
2	8.847	25.96	PK	36.5	-20.8	0	41.66	-	-	-	-	68.2	-26.54	0-360	150	V
3	* 11.161	25.52	PK	38.3	-19.6	0	44.22	-	-	74	-29.78	-	-	0-360	150	V
6	16.75	23.3	PK	41.3	-16.8	0	47.8	-	-	-	-	68.2	-20.4	0-360	150	V

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

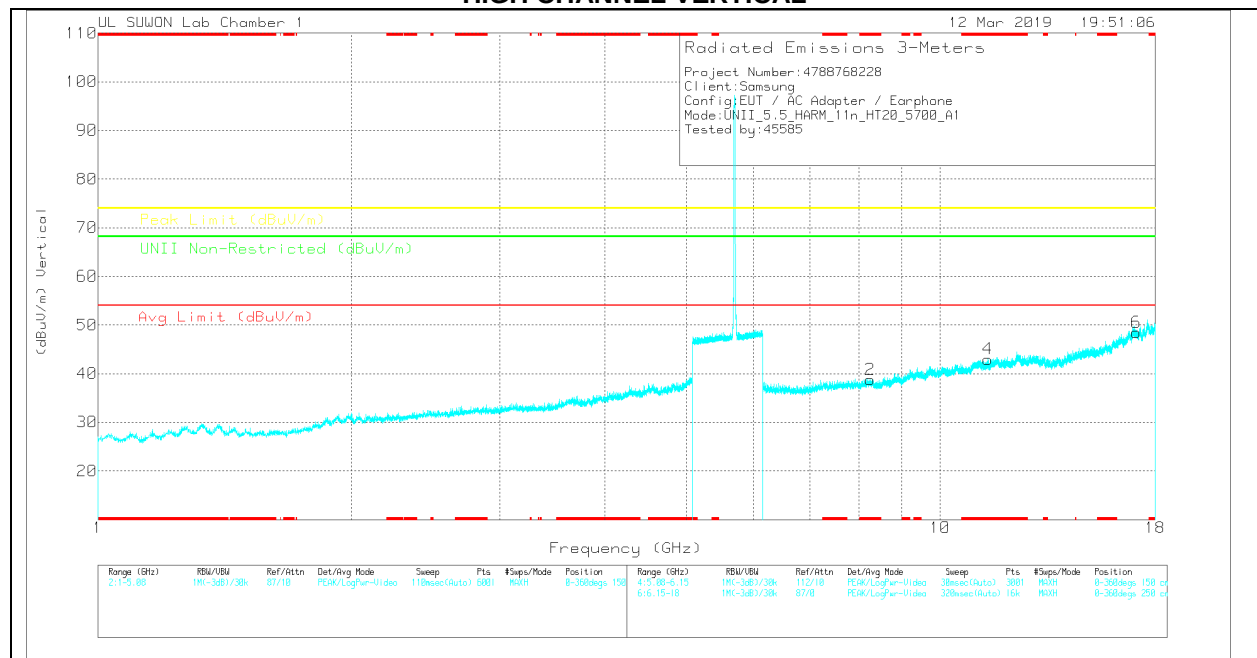
PK – Peak Detector

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)	Marker Reading (dBuV)	Det	3117_00168717	60Hz_HR(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	* 8.258	27.4	PK	36.4	-25.3	0	38.5	-	-	74	-35.5	-	-	0-360	250	H
3	* 11.398	26.58	PK	38.4	-22.4	0	42.58	-	-	74	-31.42	-	-	0-360	250	H
5	17.104	24.1	PK	41.6	-17.2	0	48.5	-	-	-	-	68.2	-19.7	0-360	150	H
2	* 8.261	27.62	PK	36.4	-25.3	0	38.72	-	-	74	-35.28	-	-	0-360	250	V
4	* 11.392	26.88	PK	38.4	-22.3	0	42.98	-	-	74	-31.02	-	-	0-360	250	V
6	17.102	24.18	PK	41.6	-17.3	0	48.48	-	-	-	-	68.2	-19.72	0-360	250	V

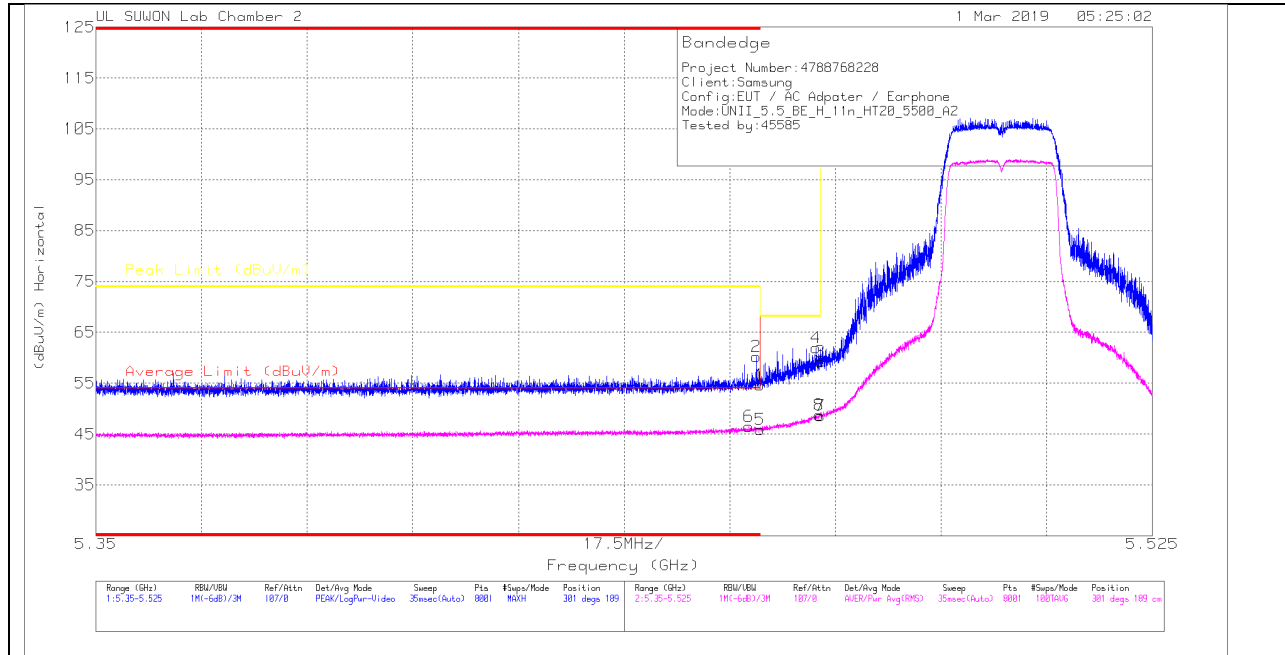
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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 1Tx ANT2 IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

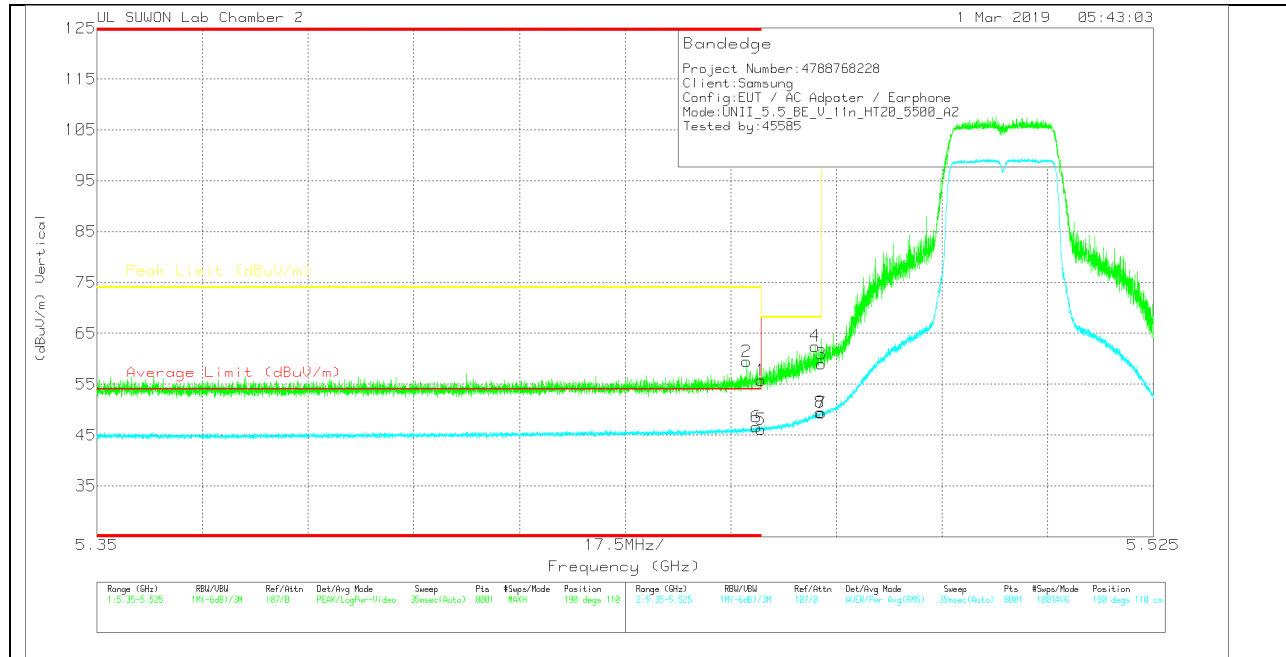
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	38.24	Pk	34.6	-18.2	0	54.64	-	-	74	-19.36	301	189	H
2	* 5.459	43.78	Pk	34.6	-18.2	0	60.18	-	-	74	-13.82	301	189	H
3	5.47	42.7	Pk	34.6	-18.1	0	59.2	-	-	68.2	-9	301	189	H
4	5.469	45.45	Pk	34.6	-18.1	0	61.95	-	-	68.2	-6.25	301	189	H
5	* 5.46	28.07	RMS	34.6	-16.9	.09	45.86	54	-8.14	-	-	301	189	H
6	* 5.458	28.69	RMS	34.6	-16.9	.09	46.48	54	-7.52	-	-	301	189	H
7	5.47	30.86	RMS	34.6	-16.9	.09	48.65	-	-	-	-	301	189	H
8	5.47	30.96	RMS	34.6	-16.9	.09	48.75	-	-	-	-	301	189	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	39.41	Pk	34.6	-18.2	0	55.81	-	-	74	-18.19	190	110	V
2	* 5.458	43.1	Pk	34.6	-18.2	0	59.5	-	-	74	-14.5	190	110	V
3	5.47	42.47	Pk	34.6	-18.1	0	58.97	-	-	68.2	-9.23	190	110	V
4	5.469	46.01	Pk	34.6	-18.1	0	62.51	-	-	68.2	-5.69	190	110	V
5	* 5.46	28.34	RMS	34.6	-16.9	.09	46.13	54	-7.87	-	-	190	110	V
6	* 5.459	28.78	RMS	34.6	-16.9	.09	46.57	54	-7.43	-	-	190	110	V
7	5.47	31.53	RMS	34.6	-16.9	.09	49.32	-	-	-	-	190	110	V
8	5.47	31.66	RMS	34.6	-16.9	.09	49.45	-	-	-	-	190	110	V

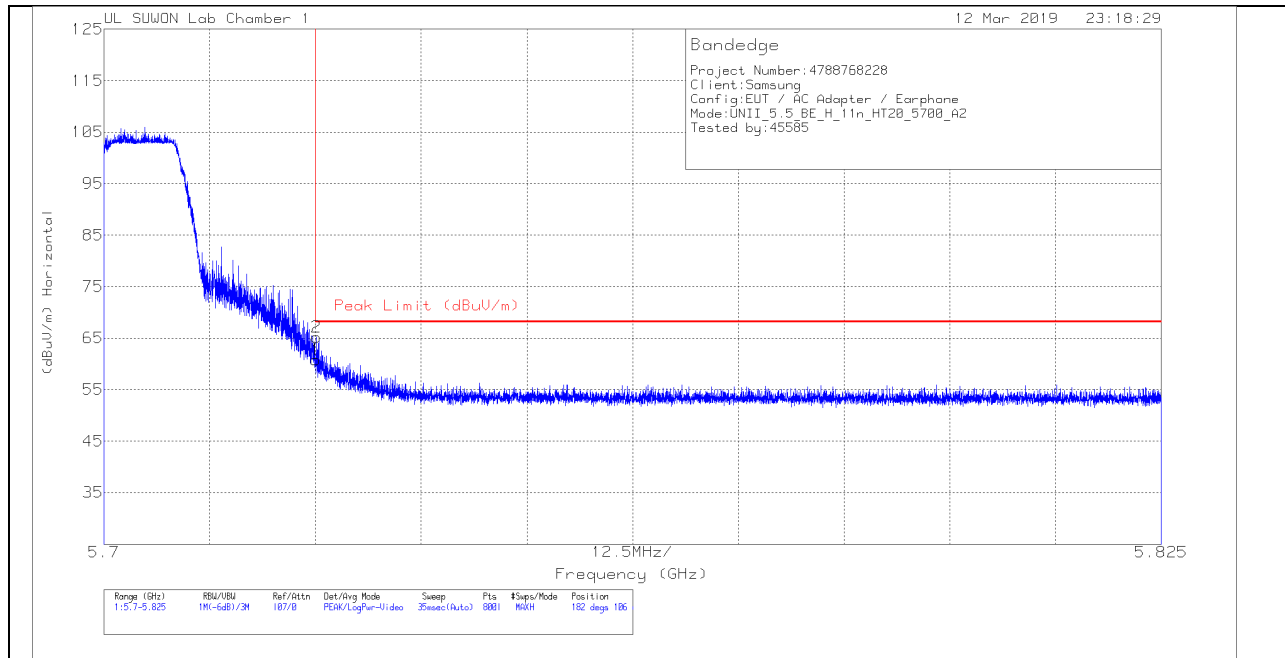
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



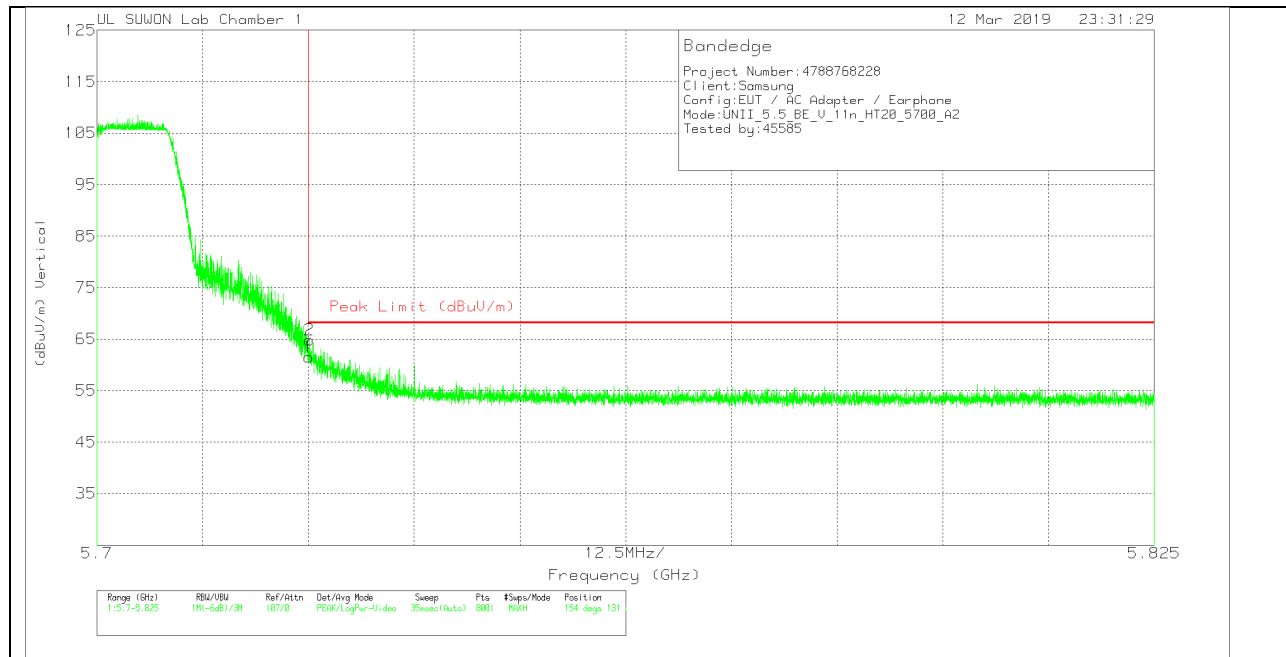
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.08	Pk	34.8	-21.1	0	60.78	68.2	-7.42	182	106	H
2	5.725	51.5	Pk	34.8	-21.1	0	65.2	68.2	-3	182	106	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

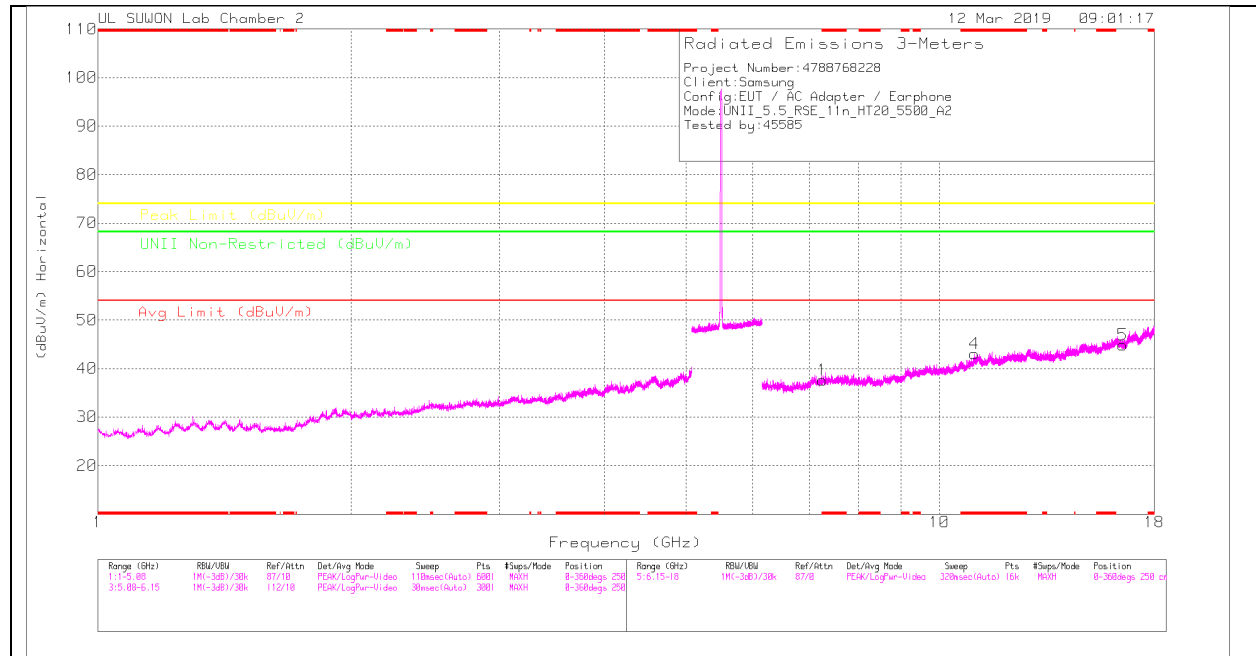
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	47.88	Pk	34.8	-21.1	0	61.58	68.2	-6.62	154	131	V
2	5.725	51.1	Pk	34.8	-21.1	0	64.8	68.2	-3.4	154	131	V

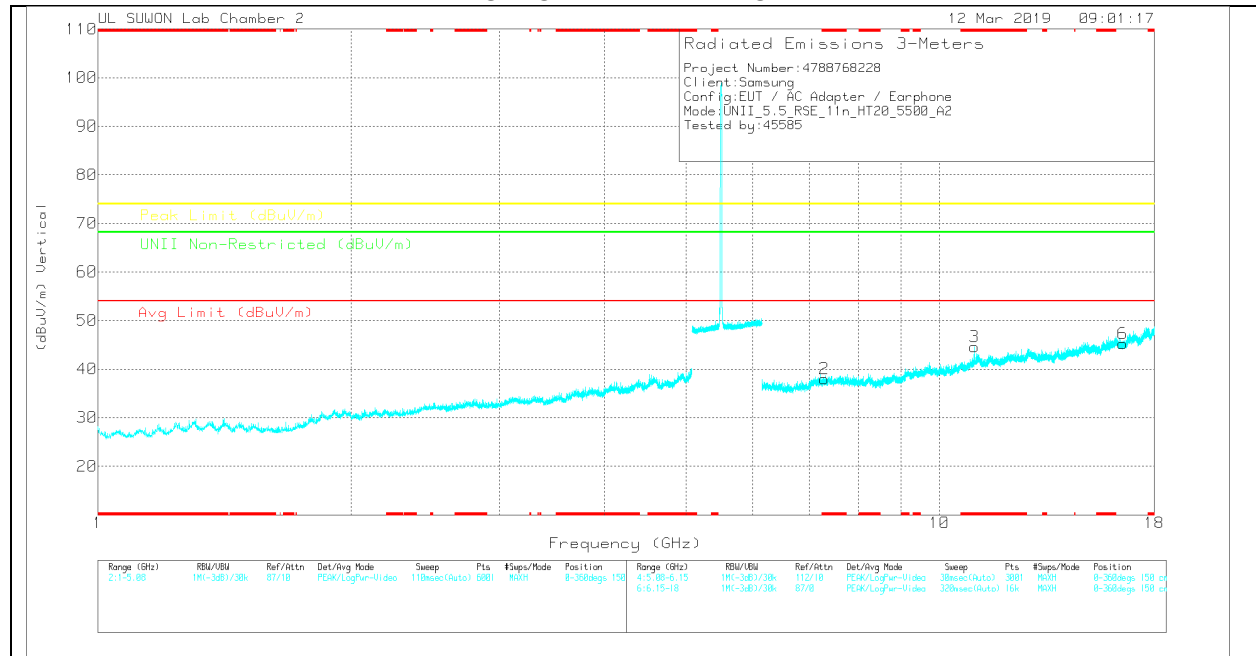
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBμV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	UNII Non-Restricted (dBμV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.263	26.73	PK	36.2	-25.3	0	37.63	-	-	74	-36.37	-	-	0-360	250	H
4	* 10.999	25.52	PK	38.1	-20.6	0	43.02	-	-	74	-30.98	-	-	0-360	250	H
5	16.5	24.13	PK	40.5	-19.8	0	44.83	-	-	-	-	68.2	-23.37	0-360	150	H
2	* 7.294	26.87	PK	36.2	-25.1	0	37.97	-	-	74	-36.03	-	-	0-360	250	V
3	* 10.999	27.05	PK	38.1	-20.6	0	44.55	-	-	74	-29.45	-	-	0-360	250	V
6	16.5	24.59	PK	40.5	-19.9	0	45.19	-	-	-	-	68.2	-23.01	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

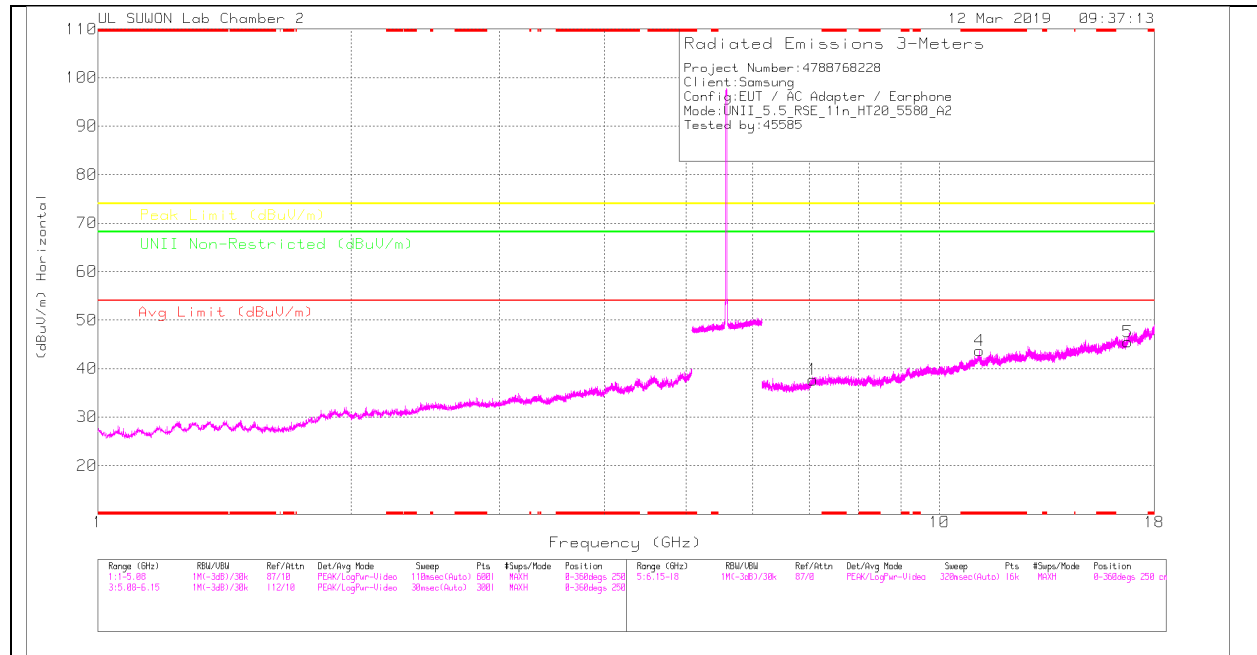
Frequency (GHz)	Meter Reading (dBμV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBμV/m)	Avg Limit (dBμV/m)	Margin (dB)	Peak Limit (dBμV/m)	Margin (dB)	UNII Non-Restricted (dBμV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 10.999	36.73	PK-U	38.1	-20.6	0	54.23	-	-	74	-19.77	-	-	140	222	H
* 11	24.45	ADR	38.1	-20.6	.09	42.04	54	-11.96	-	-	-	-	140	222	H
* 11	38.14	PK-U	38.1	-20.6	0	55.64	-	-	74	-18.36	-	-	137	251	V
* 11	25.24	ADR	38.1	-20.6	.09	42.83	54	-11.17	-	-	-	-	137	251	V

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

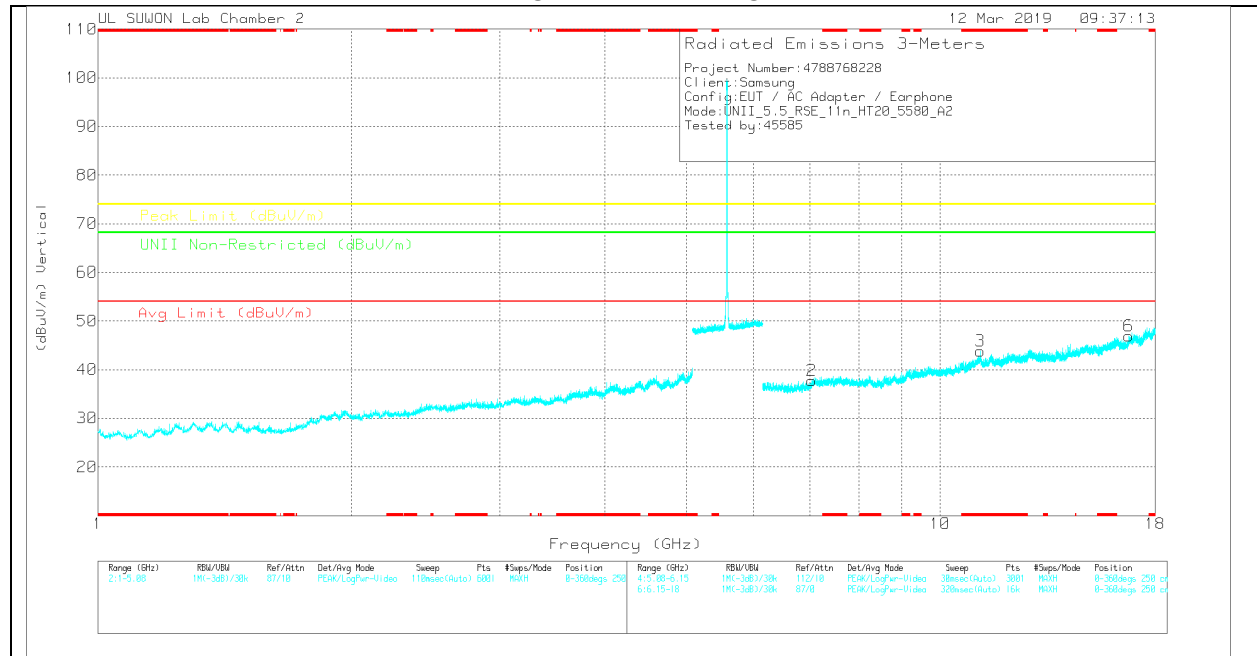
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/N Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.075	25.78	PK	35.9	-24	0	37.68	-	-	-	-	68.2	-30.52	0-360	150	H
4	* 11.16	25.04	PK	38.2	-19.6	0	43.64	-	-	74	-30.36	-	-	0-360	250	H
5	16.742	23.83	PK	40.9	-19.2	0	45.53	-	-	-	-	68.2	-22.67	0-360	250	H
2	7.037	26.9	PK	35.9	-25	0	37.8	-	-	-	-	68.2	-30.4	0-360	250	V
3	* 11.161	25.22	PK	38.2	-19.6	0	43.82	-	-	74	-30.18	-	-	0-360	250	V
6	16.74	25.23	PK	40.9	-19.2	0	46.93	-	-	-	-	68.2	-21.27	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

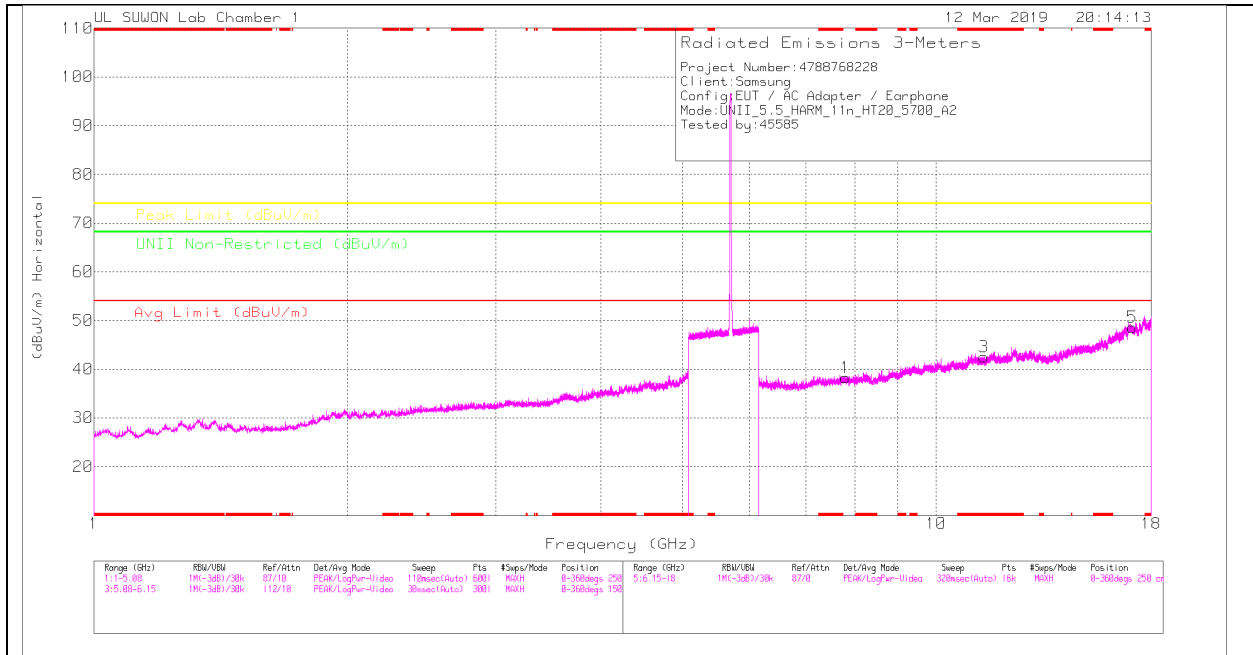
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/N Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 11.156	36.94	PK-U	38.2	-19.6	0	55.54	-	-	74	-18.46	-	-	145	196	H
* 11.159	24.23	ADR	38.2	-19.6	.09	42.92	54	-11.08	-	-	-	-	145	196	H
* 11.155	35.45	PK-U	38.2	-19.6	0	54.05	-	-	74	-19.95	-	-	23	163	V
* 11.159	22.96	ADR	38.2	-19.6	.09	41.65	54	-12.35	-	-	-	-	23	163	V

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

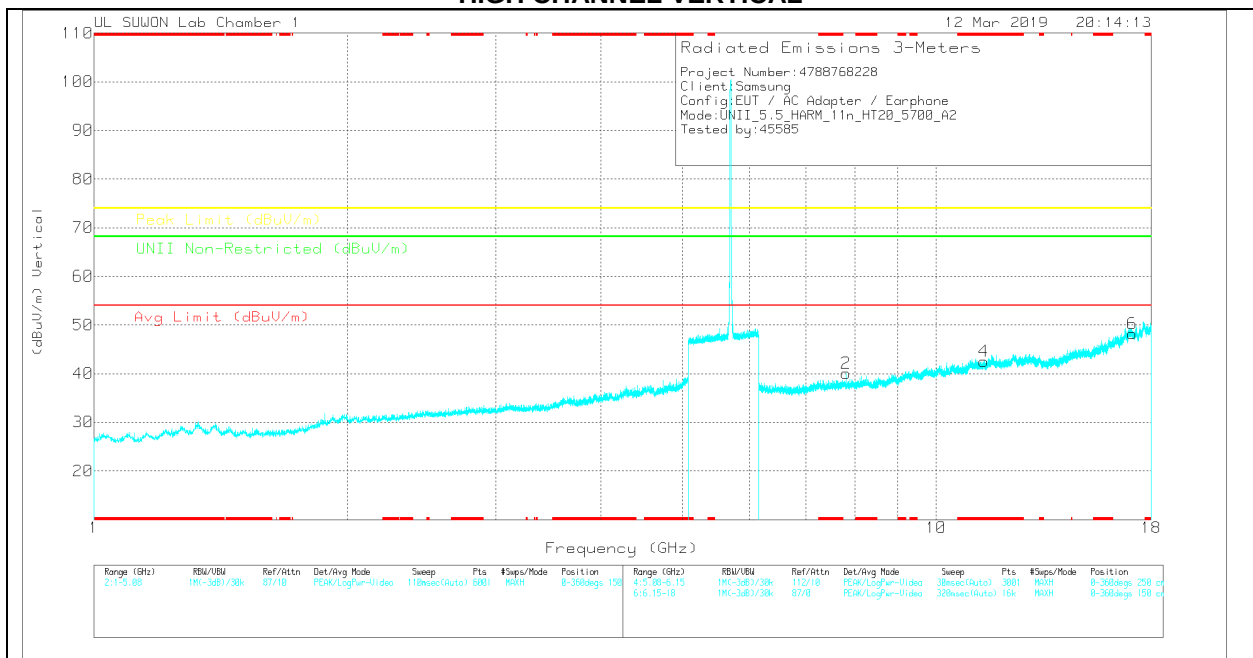
PK-U - U-NII: Maximum Peak

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)	Marker Reading (dBuV)	Det	3117_00168717	60Hz_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)	Altitude (Degs)	Height (cm)	Polarity
1	7.808	28.99	PK	35.9	-26.6	0	38.29	-	-	-	-	68.2	-29.91	0-360	150	H
3	*11.397	26.49	PK	38.4	-22.4	0	42.49	-	-	74	-31.51	-	-	0-360	250	H
5	17.1	24.21	PK	41.6	-17.2	0	48.61	-	-	-	-	68.2	-19.59	0-360	250	H
2	7.811	30.78	PK	35.9	-26.6	0	40.08	-	-	-	-	68.2	-28.12	0-360	250	V
4	*11.395	26.48	PK	38.4	-22.3	0	42.58	-	-	74	-31.42	-	-	0-360	250	V
6	17.101	23.95	PK	41.6	-17.3	0	48.25	-	-	-	-	68.2	-19.95	0-360	250	V

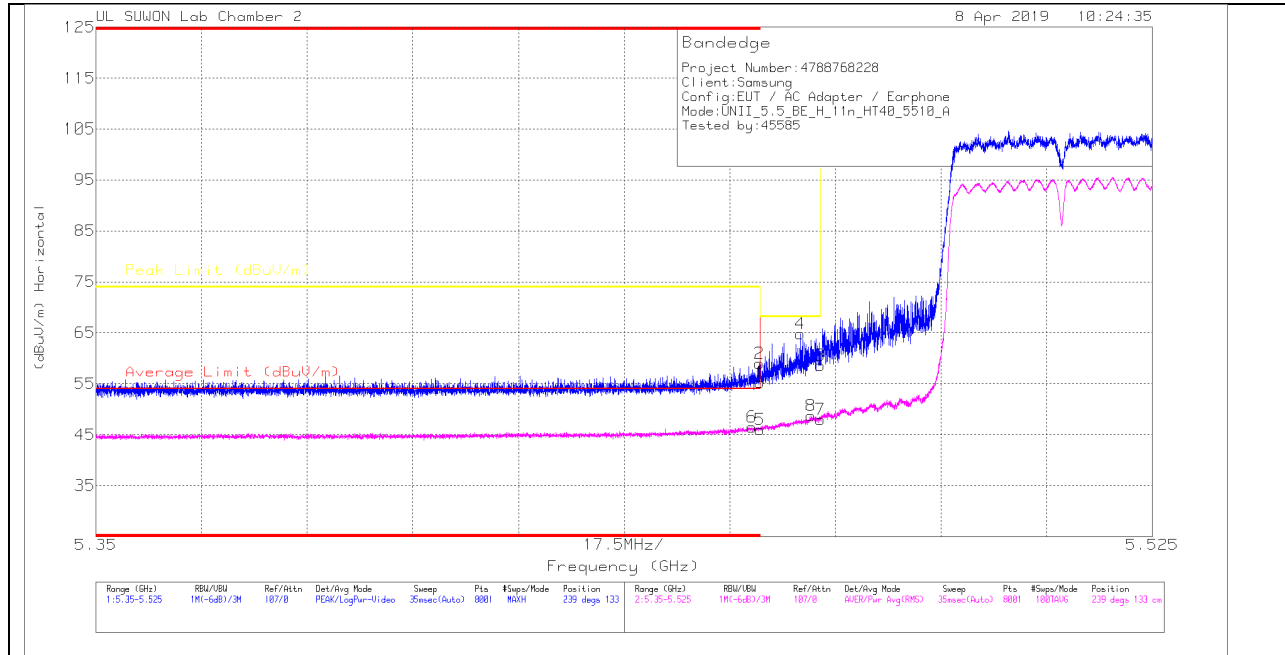
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.3.7. 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

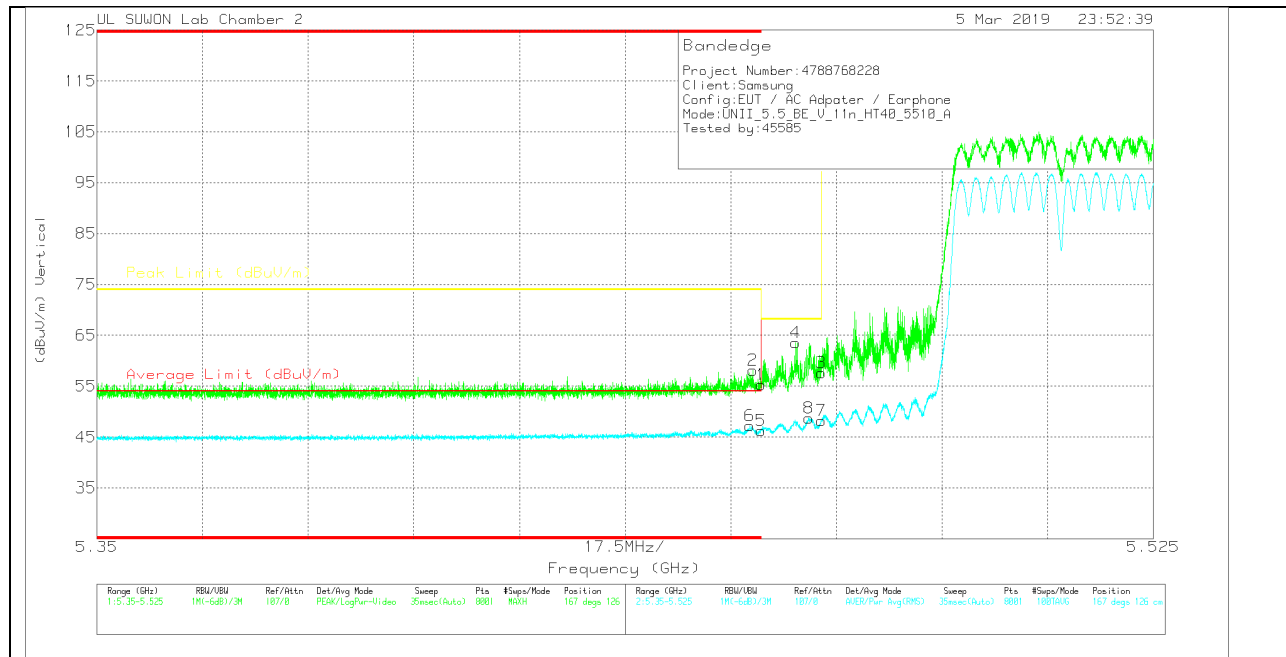
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	38.91	Pk	34.6	-18.2	0	55.31	-	-	74	-18.69	239	133	H
2	* 5.46	42.61	Pk	34.6	-18.2	0	59.01	-	-	74	-14.99	239	133	H
3	5.47	42.07	Pk	34.6	-18.1	0	58.57	-	-	68.2	-9.63	239	133	H
4	5.467	48.4	Pk	34.6	-18.2	0	64.8	-	-	68.2	-3.4	239	133	H
5	* 5.46	28.32	RMS	34.6	-16.9	.19	46.21	54	-7.79	-	-	239	133	H
6	* 5.459	28.82	RMS	34.6	-16.9	.19	46.71	54	-7.29	-	-	239	133	H
7	5.47	30.33	RMS	34.6	-16.9	.19	48.22	-	-	-	-	239	133	H
8	5.468	30.99	RMS	34.6	-16.9	.19	48.88	-	-	-	-	239	133	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	38.82	Pk	34.6	-18.2	0	55.22	-	-	74	-18.78	167	126	V
2	* 5.459	41.77	Pk	34.6	-18.2	0	58.17	-	-	74	-15.83	167	126	V
3	5.47	41.13	Pk	34.6	-18.1	0	57.63	-	-	68.2	-10.57	167	126	V
4	5.466	47.18	Pk	34.6	-18.2	0	63.58	-	-	68.2	-4.62	167	126	V
5	* 5.46	28.3	RMS	34.6	-16.9	.19	46.19	54	-7.81	-	-	167	126	V
6	* 5.458	29.32	RMS	34.6	-16.9	.19	47.21	54	-6.79	-	-	167	126	V
7	5.47	30.34	RMS	34.6	-16.9	.19	48.23	-	-	-	-	167	126	V
8	5.468	30.8	RMS	34.6	-16.9	.19	48.69	-	-	-	-	167	126	V

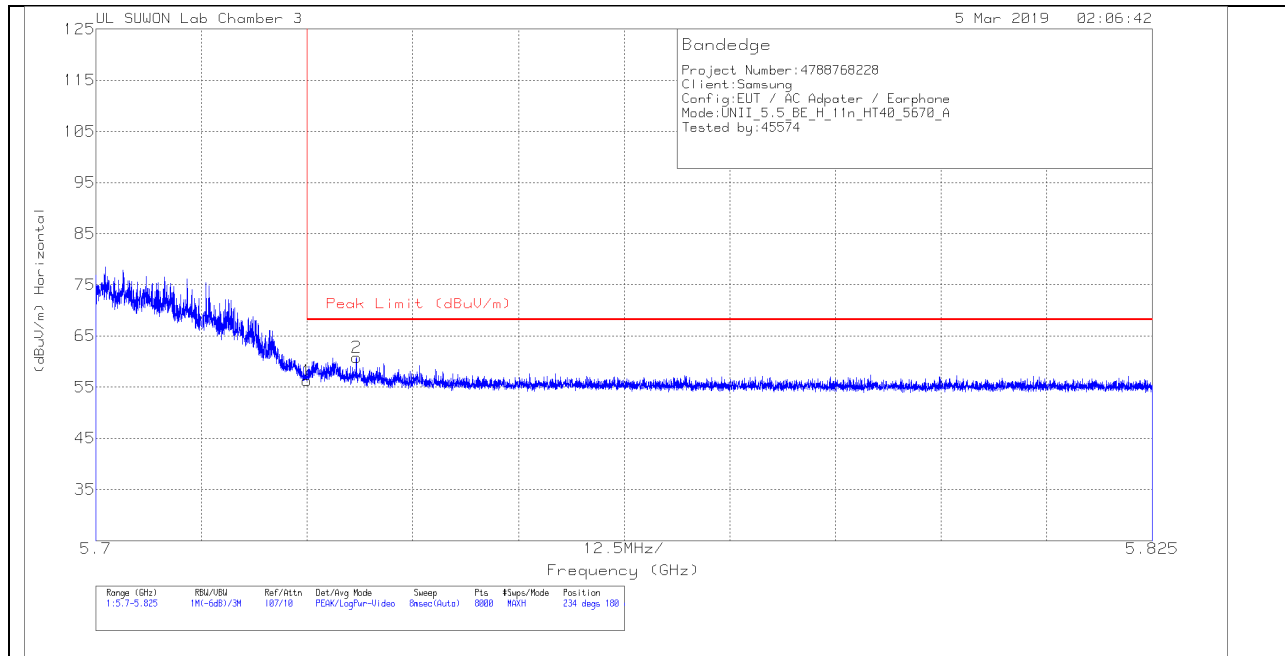
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



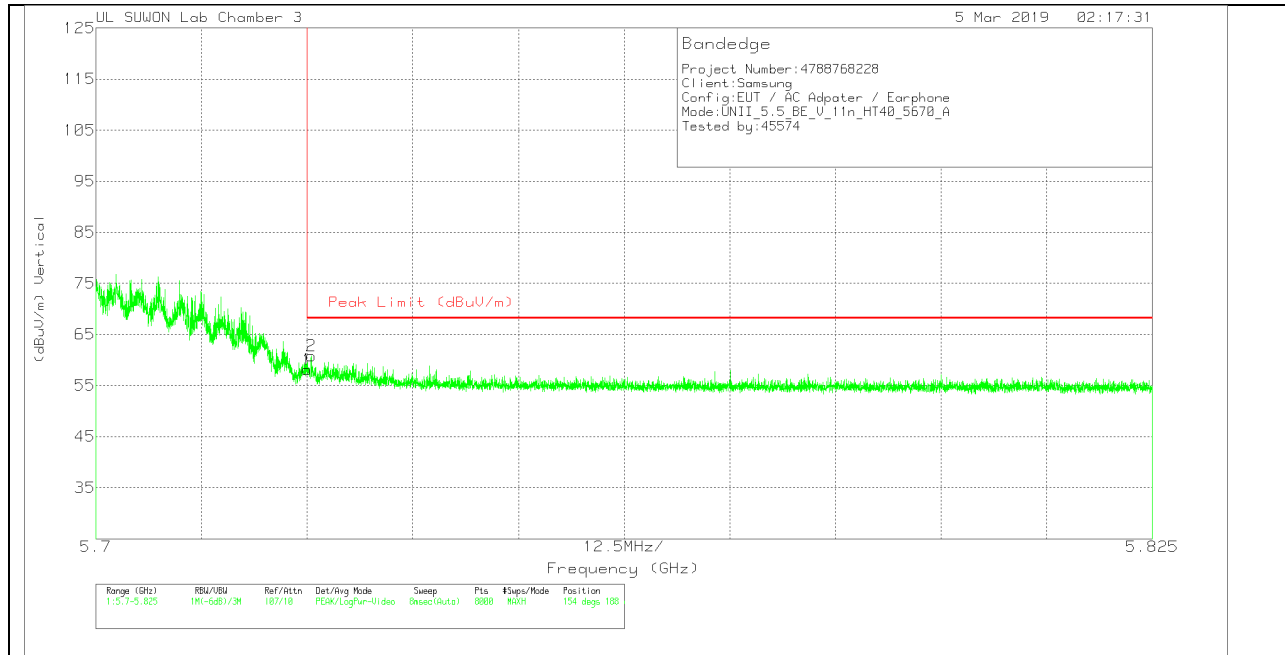
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.37	Pk	34.8	-17.9	56.27	68.2	-11.93	234	180	H
2	5.731	43.85	Pk	34.8	-17.9	60.75	68.2	-7.45	234	180	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

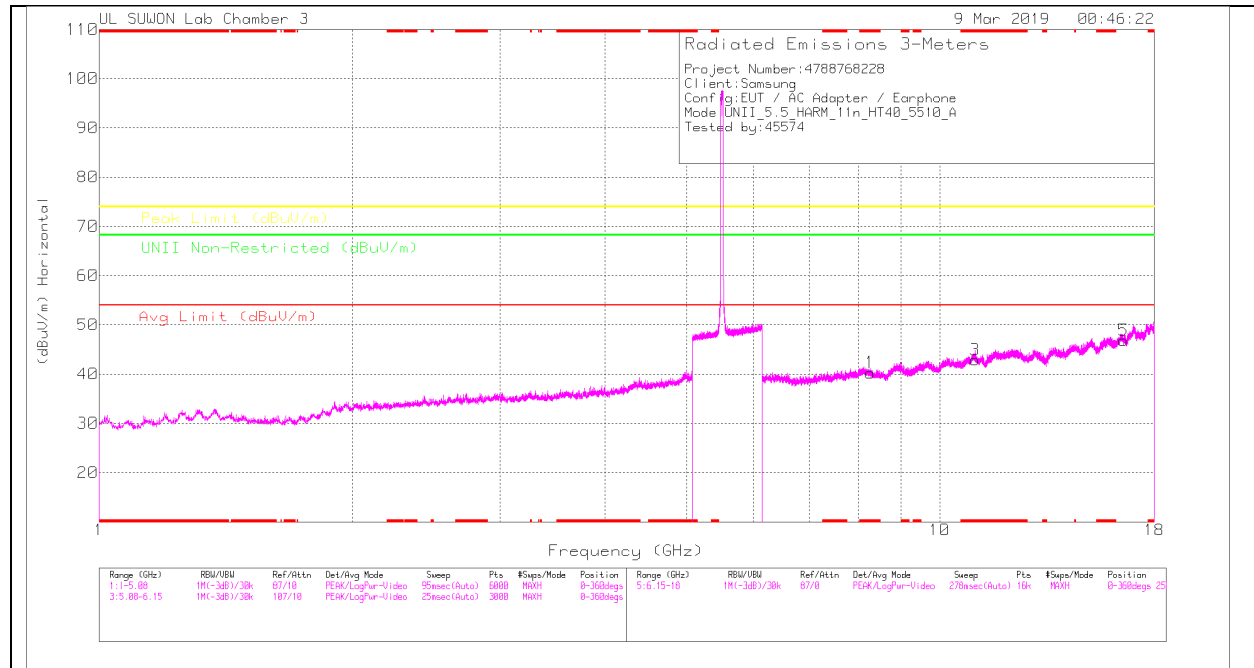
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.19	Pk	34.8	-17.9	58.09	68.2	-10.11	154	188	V
2	5.725	43.85	Pk	34.8	-17.9	60.75	68.2	-7.45	154	188	V

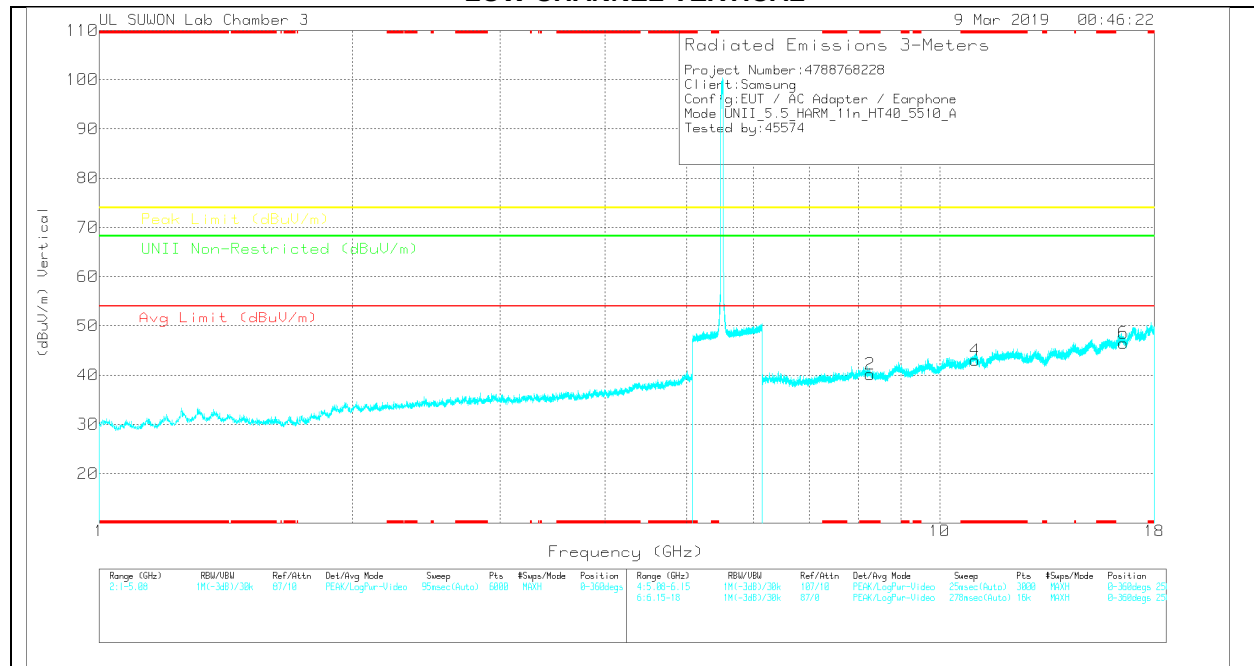
Pk - Peak detector

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

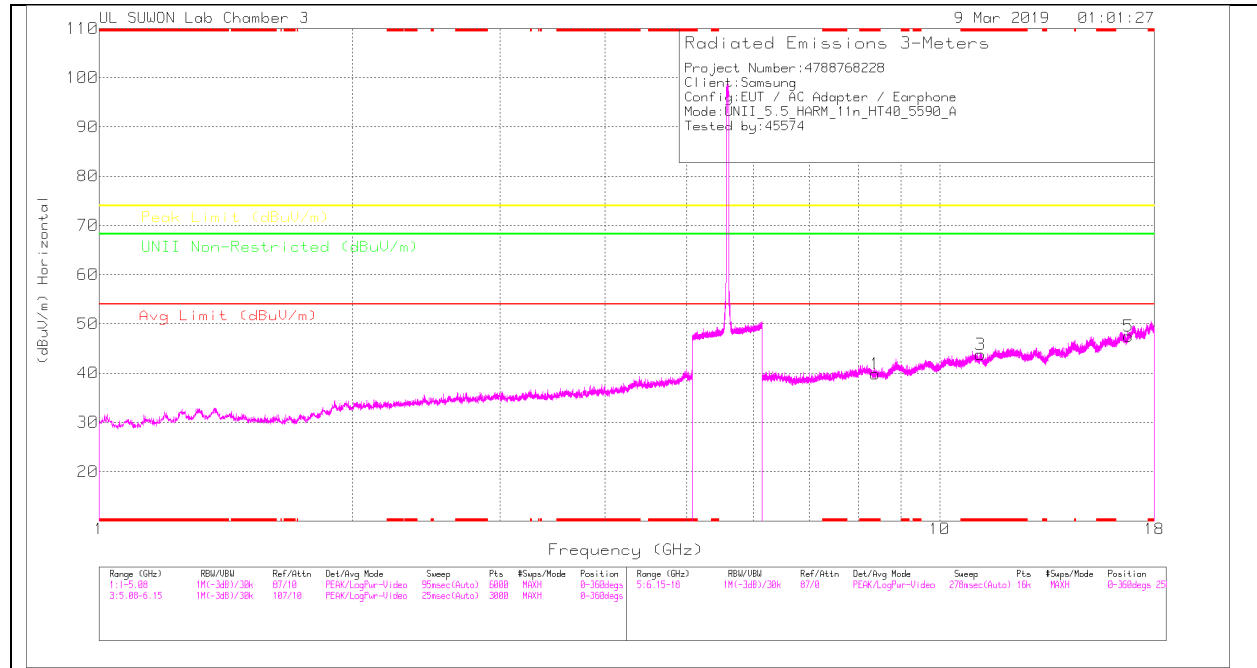
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00305959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.265	25.95	PK	36.4	-22.1	0	40.25	-	-	74	-33.75	-	-	0-360	150	H
3	* 11.021	24.19	PK	38.2	-19.5	0	42.89	-	-	74	-31.11	-	-	0-360	250	H
5	16.531	23.44	PK	40.9	-17.5	0	46.84	-	-	-	-	68.2	-21.36	0-360	250	H
2	* 8.265	25.87	PK	36.4	-22.1	0	40.17	-	-	74	-33.83	-	-	0-360	250	V
4	* 11.021	24.32	PK	38.2	-19.5	0	43.02	-	-	74	-30.98	-	-	0-360	150	V
6	16.531	23.11	PK	40.9	-17.5	0	46.51	-	-	-	-	68.2	-21.69	0-360	250	V

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

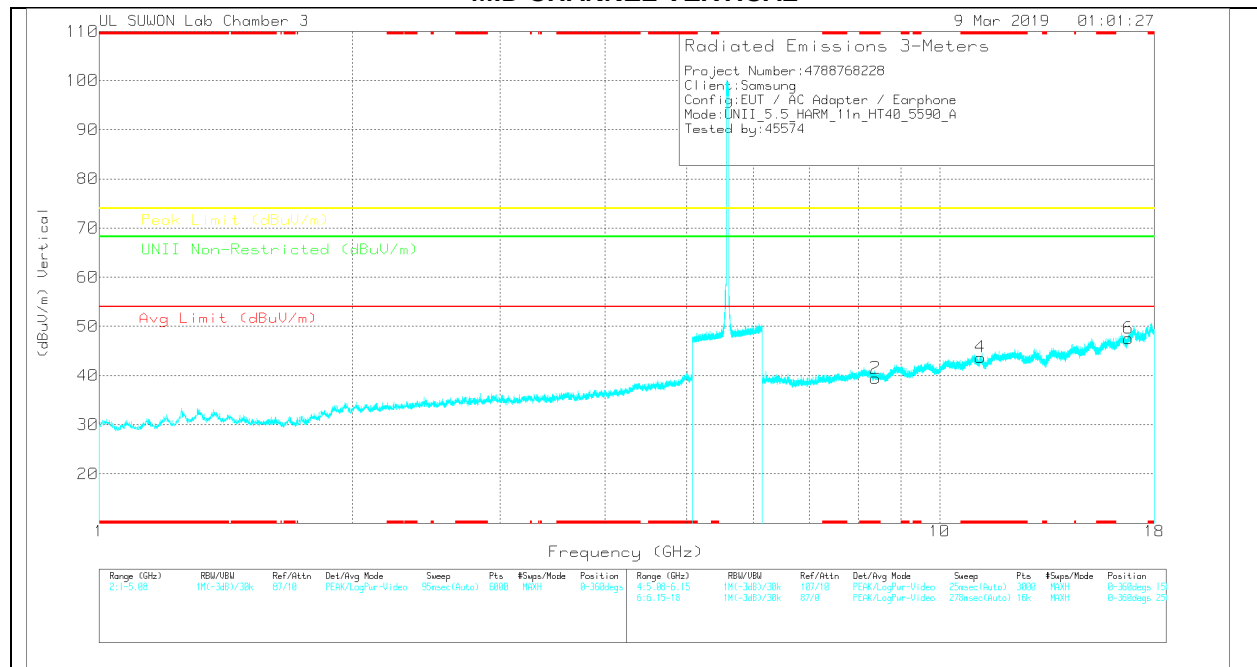
PK – Peak Detector

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

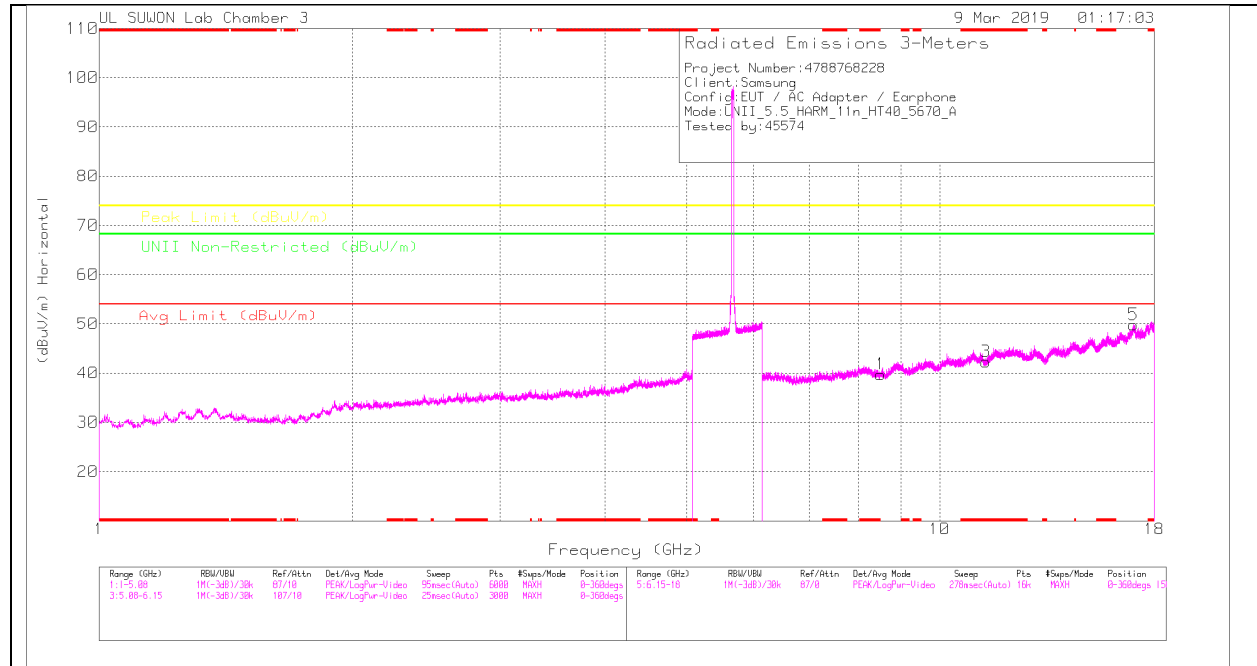
Marker	Frequency (GHz)	Motor Reading (dBuV)	Det	3117_00205959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.385	25.53	PK	36.3	-22	0	39.83	-	-	74	-34.17	-	-	0-360	150	H
3	* 11.181	24.99	PK	38.3	-19.5	0	43.79	-	-	74	-30.21	-	-	0-360	250	H
5	16.77	22.8	PK	41.4	-16.7	0	47.5	-	-	-	-	68.2	-20.7	0-360	150	H
2	* 8.387	25.08	PK	36.3	-21.9	0	39.48	-	-	74	-34.52	-	-	0-360	250	V
4	* 11.18	24.92	PK	38.3	-19.5	0	43.72	-	-	74	-30.28	-	-	0-360	250	V
6	16.771	22.77	PK	41.4	-16.6	0	47.57	-	-	-	-	68.2	-20.63	0-360	150	V

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

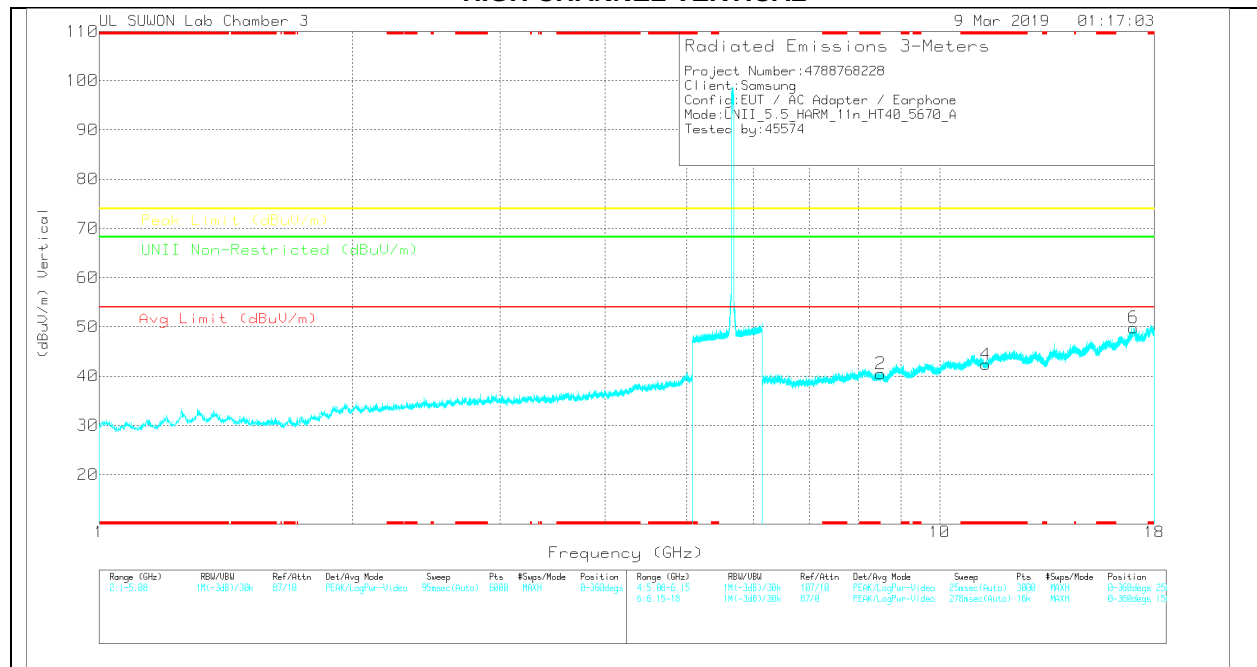
PK – Peak detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	60Hz_HR(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	8.505	24.86	PK	36.3	-21.4	0	39.76	-	-	-	-	68.2	-28.44	0-360	150	H
3	*11.341	23.63	PK	38.4	-19.7	0	42.33	-	-	74	-31.67	-	-	0-360	250	H
5	17.005	24.03	PK	41.7	-15.9	0	49.83	-	-	-	-	68.2	-18.37	0-360	150	H
2	8.506	25.6	PK	36.3	-21.4	0	40.5	-	-	-	-	68.2	-27.7	0-360	150	V
4	*11.341	23.66	PK	38.4	-19.7	0	42.36	-	-	74	-31.64	-	-	0-360	250	V
6	17.013	24.15	PK	41.7	-16	0	49.85	-	-	-	-	68.2	-18.35	0-360	250	V

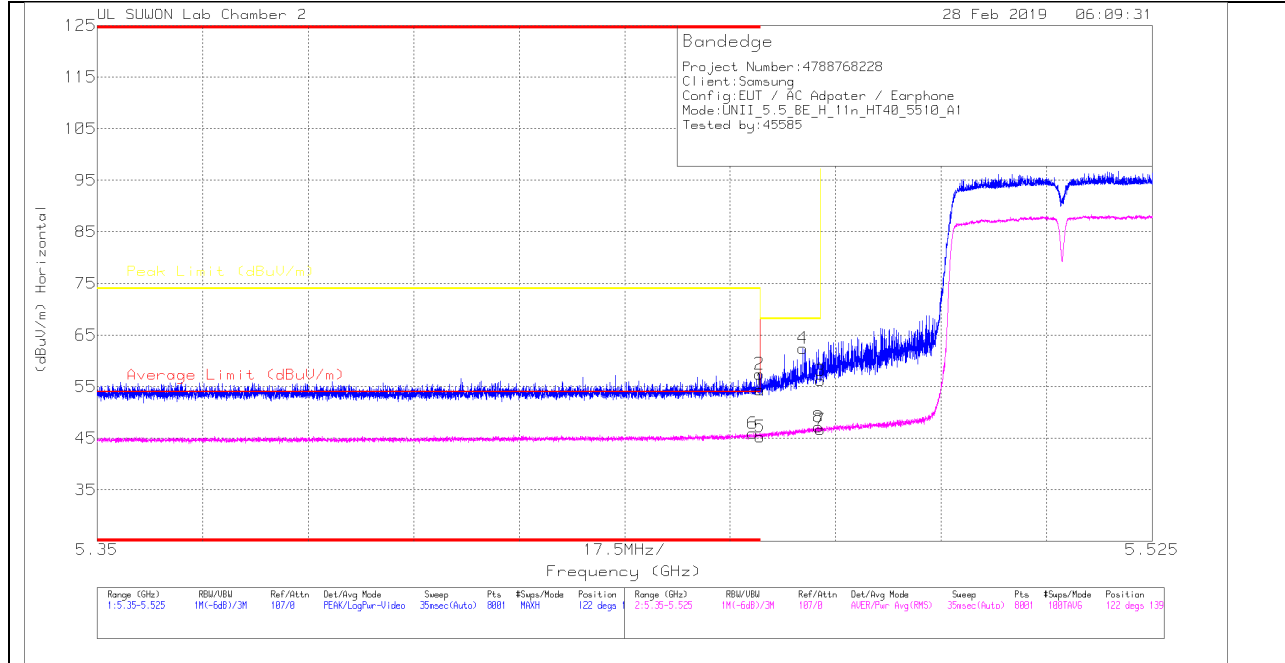
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.3.8.TX ABOVE 1GHz 802.11n HT40 1Tx ANT1 IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

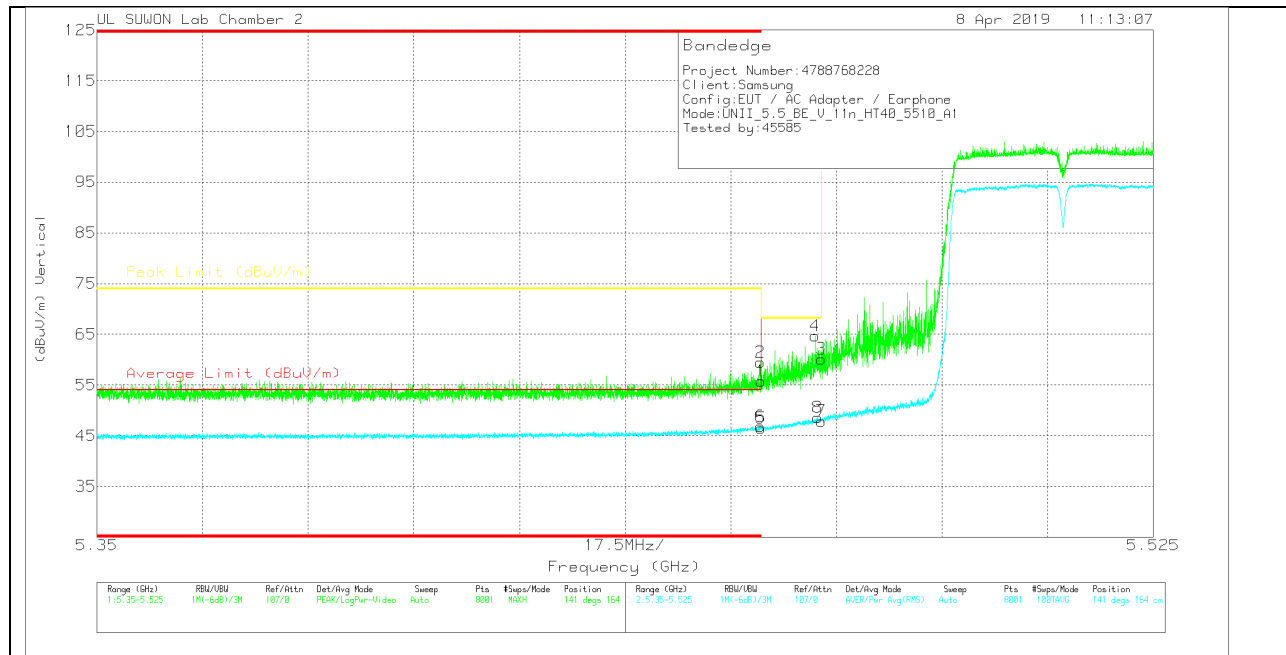
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	38	Pk	34.6	-18.2	0	54.4	-	-	74	-19.6	122	139	H
2	* 5.46	41.05	Pk	34.6	-18.2	0	57.45	-	-	74	-16.55	122	139	H
3	5.47	39.7	Pk	34.6	-18.1	0	56.2	-	-	68.2	-12	122	139	H
4	5.467	46.05	Pk	34.6	-18.2	0	62.45	-	-	68.2	-5.75	122	139	H
5	* 5.46	27.41	RMS	34.6	-16.9	.19	45.3	54	-8.7	-	-	122	139	H
6	* 5.459	28.1	RMS	34.6	-16.9	.19	45.99	54	-8.01	-	-	122	139	H
7	5.47	28.8	RMS	34.6	-16.9	.19	46.69	-	-	-	-	122	139	H
8	5.47	29.28	RMS	34.6	-16.9	.19	47.17	-	-	-	-	122	139	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	* 5.46	39.33	Pk	34.6	-18.2	0	55.73	-	-	74	-18.27	141	164	V
2	* 5.46	43.08	Pk	34.6	-18.2	0	59.48	-	-	74	-14.52	141	164	V
3	5.47	43.66	Pk	34.6	-18.1	0	60.16	-	-	68.2	-8.04	141	164	V
4	5.469	48.2	Pk	34.6	-18.1	0	64.7	-	-	68.2	-3.5	141	164	V
5	* 5.46	28.55	RMS	34.6	-16.9	.19	46.44	54	-7.56	-	-	141	164	V
6	* 5.46	29	RMS	34.6	-16.9	.19	46.89	54	-7.11	-	-	141	164	V
7	5.47	30.02	RMS	34.6	-16.9	.19	47.91	-	-	-	-	141	164	V
8	5.469	30.73	RMS	34.6	-16.9	.19	48.62	-	-	-	-	141	164	V

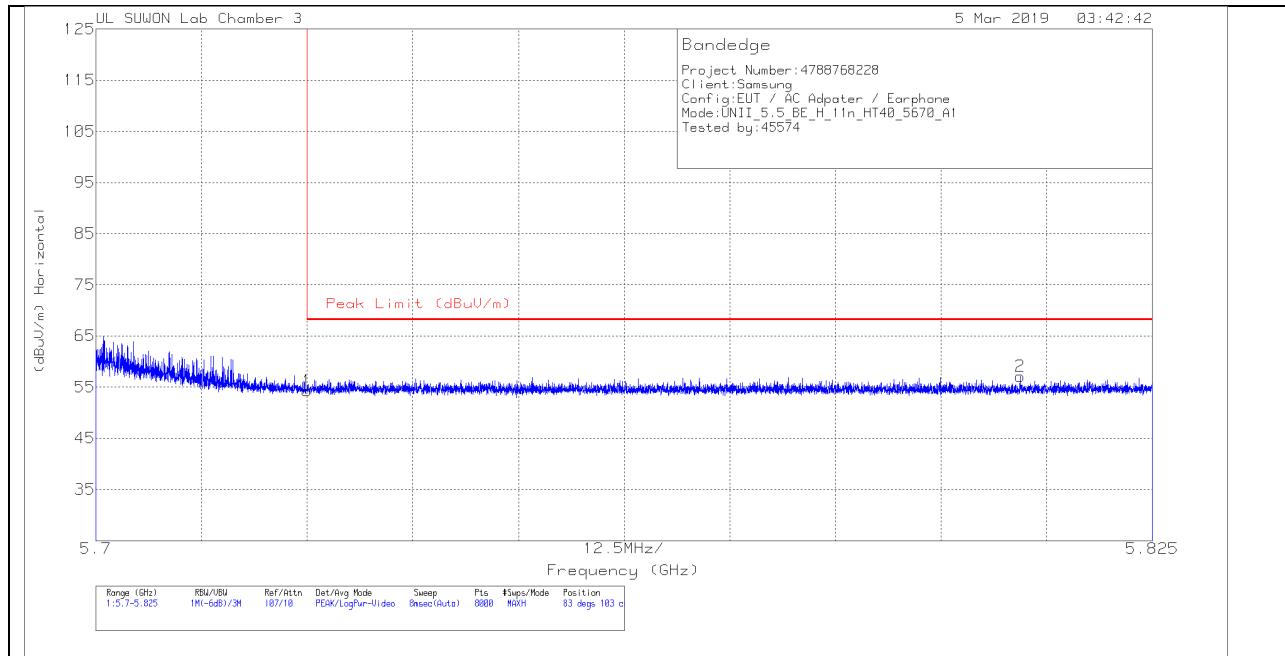
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



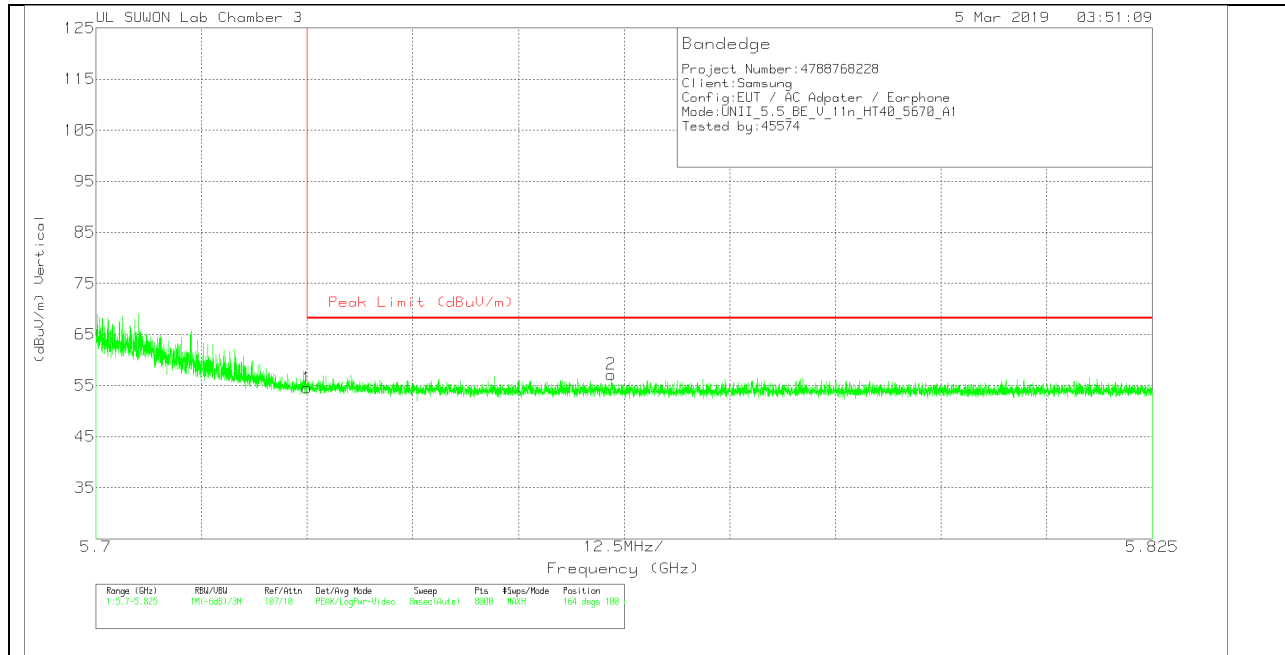
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.42	Pk	34.8	-17.9	54.32	68.2	-13.88	83	103	H
2	5.809	40.02	Pk	34.9	-17.8	57.12	68.2	-11.08	83	103	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

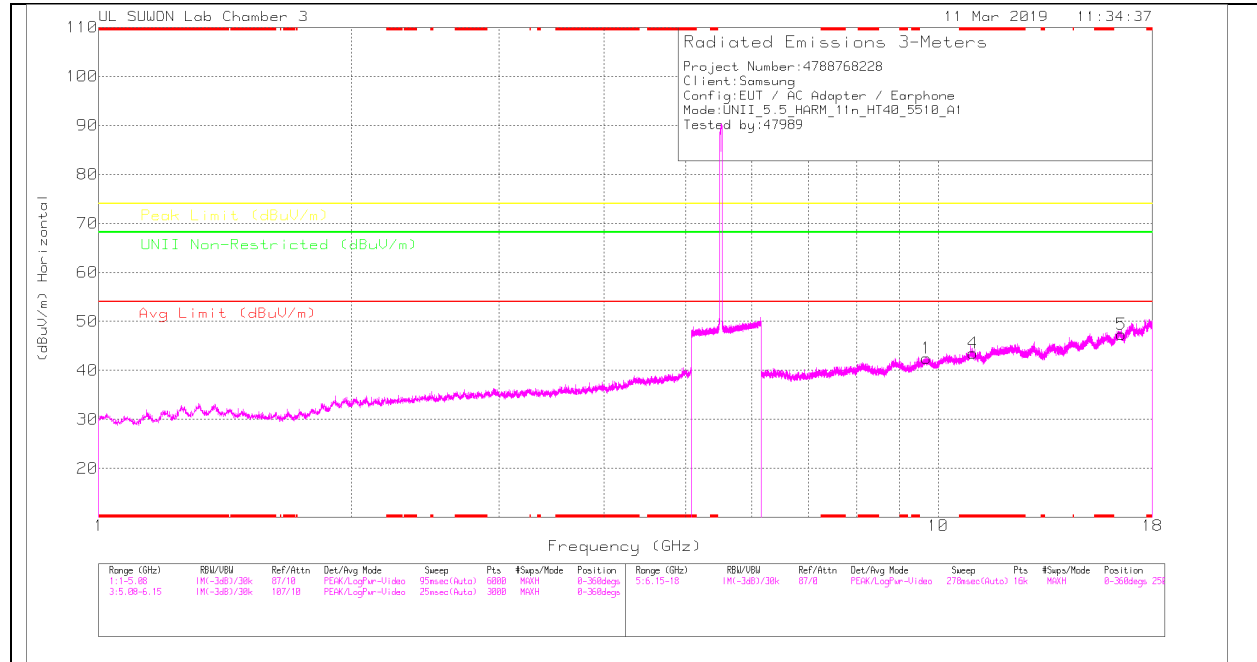
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.6	Pk	34.8	-17.9	54.5	68.2	-13.7	164	100	V
2	5.761	40.18	Pk	34.8	-17.8	57.18	68.2	-11.02	164	100	V

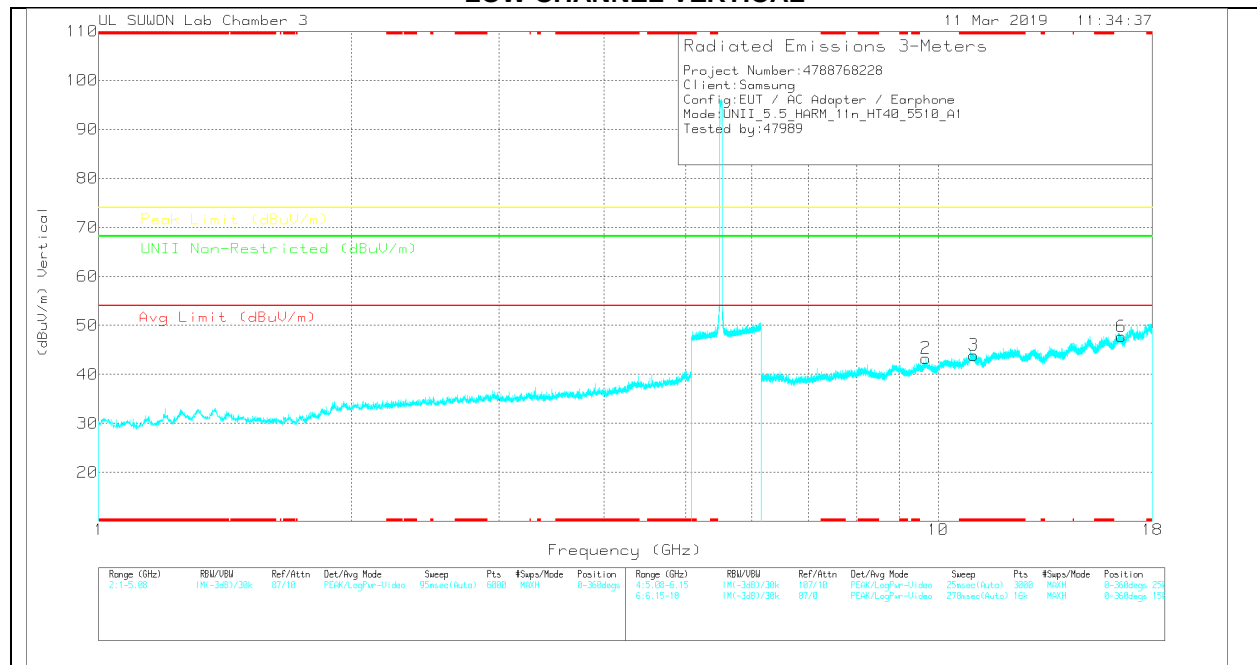
Pk - Peak detector

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

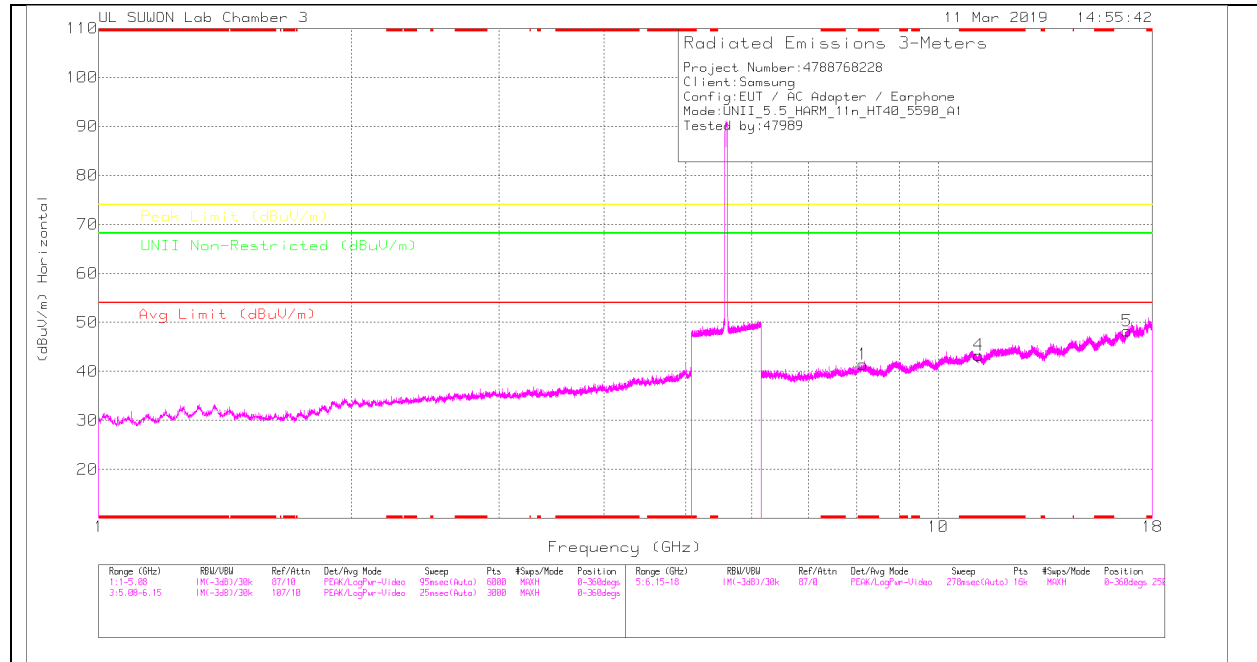
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00305959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	9.688	25	PK	37.1	-19.6	0	42.5	-	-	-	-	68.2	-25.7	0-360	250	H
4	*11.001	24.73	PK	38.2	-19.4	0	43.53	-	-	74	-30.47	-	-	0-360	150	H
5	16.53	23.85	PK	40.9	-17.4	0	47.35	-	-	-	-	68.2	-20.85	0-360	250	H
2	9.671	25.81	PK	37.1	-19.6	0	43.31	-	-	-	-	68.2	-24.89	0-360	250	V
3	*11.021	25.25	PK	38.2	-19.5	0	43.95	-	-	74	-30.05	-	-	0-360	150	V
6	16.529	24.22	PK	40.9	-17.4	0	47.72	-	-	-	-	68.2	-20.48	0-360	150	V

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

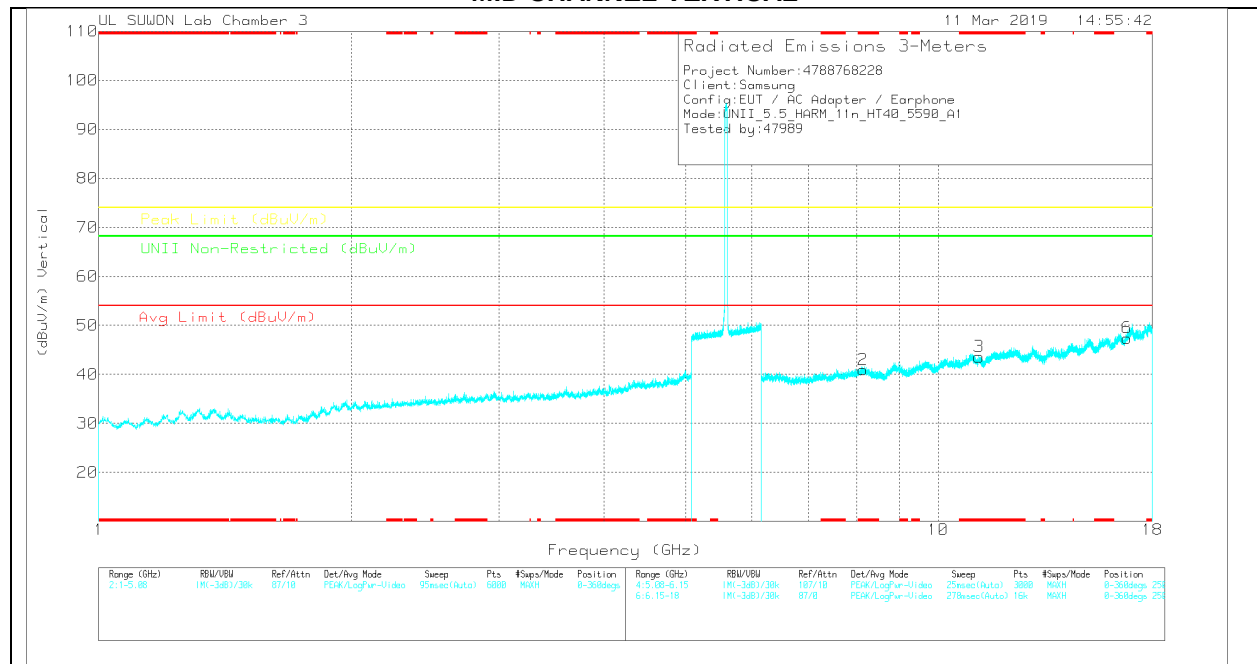
PK – Peak Detector

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

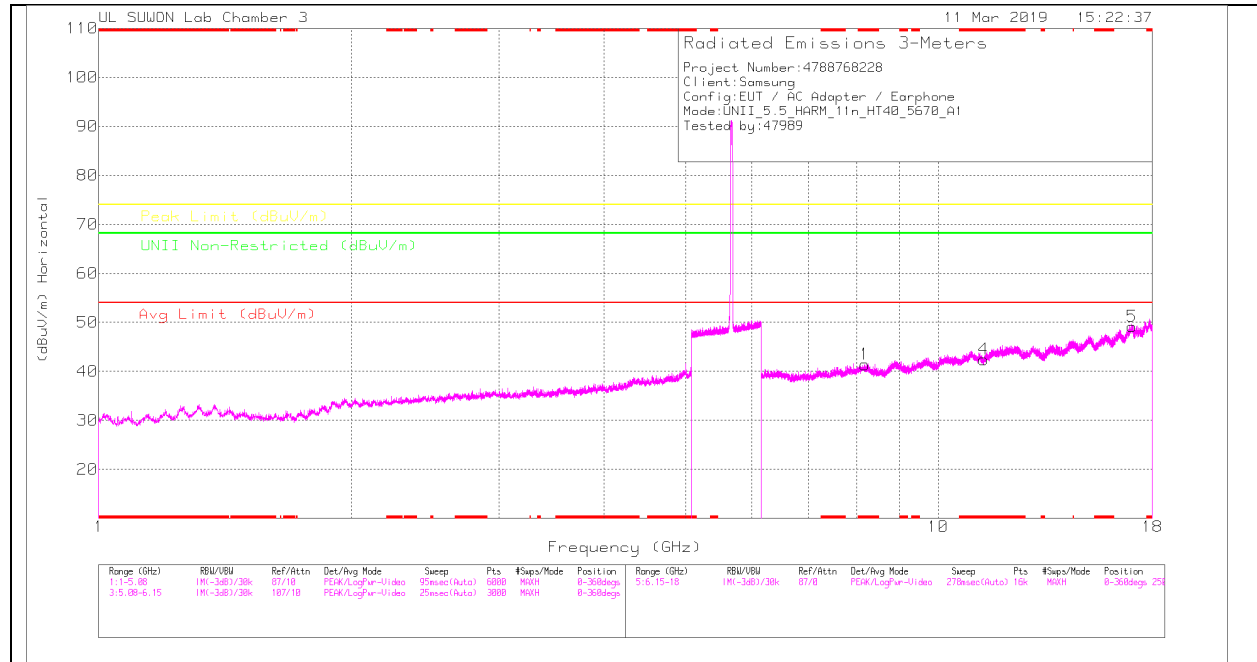
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00205959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.133	26.86	PK	36.3	-21.7	0	41.46	-	-	74	-32.54	-	-	0-360	250	H
4	* 11.182	24.51	PK	38.3	-19.5	0	43.31	-	-	74	-30.69	-	-	0-360	250	H
5	16.782	23.43	PK	41.4	-16.6	0	48.23	-	-	-	-	68.2	-19.97	0-360	250	H
2	* 8.14	26.32	PK	36.3	-21.7	0	40.92	-	-	74	-33.08	-	-	0-360	250	V
3	* 11.184	24.79	PK	38.3	-19.5	0	43.59	-	-	74	-30.41	-	-	0-360	250	V
6	16.788	22.62	PK	41.4	-16.6	0	47.42	-	-	-	-	68.2	-20.78	0-360	150	V

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

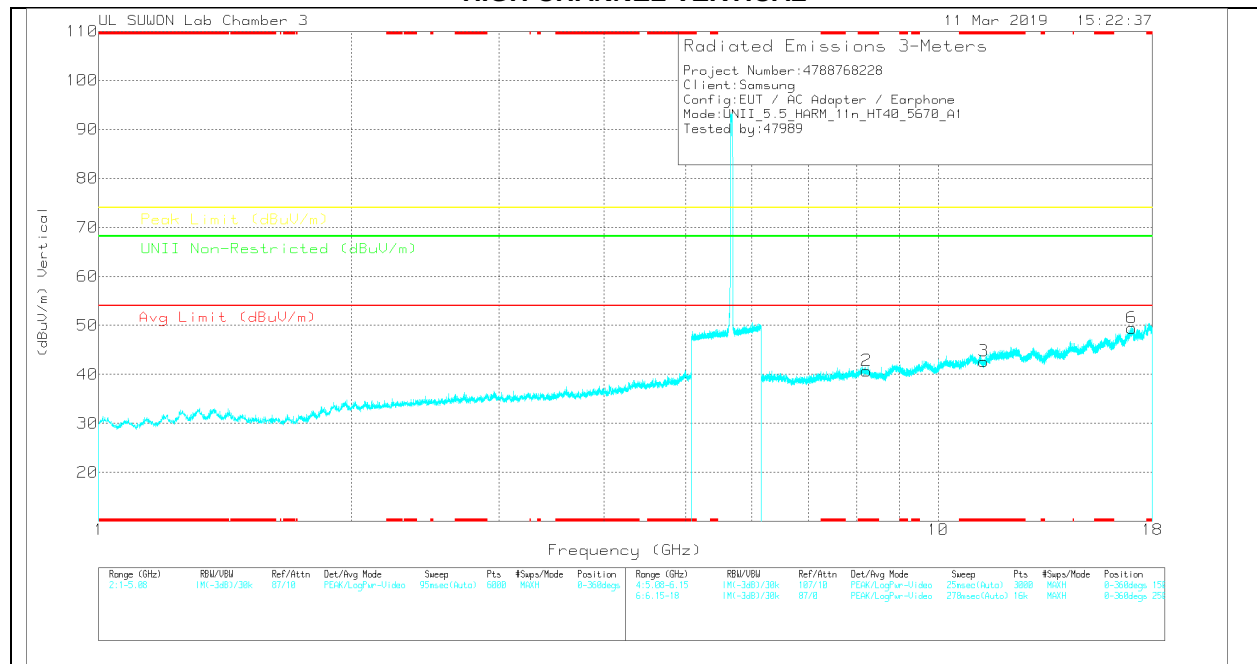
PK – Peak Detector

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)	Marker Reading (dBuV)	Det	3117_00305959	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)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.182	26.9	PK	36.3	-21.8	0	41.4	-	-	74	-32.6	-	-	0-360	150	H
4	* 11.33	23.73	PK	38.4	-19.7	0	42.43	-	-	74	-31.57	-	-	0-360	150	H
5	17.019	23.33	PK	41.7	-15.9	0	49.13	-	-	-	-	68.2	-19.07	0-360	250	H
2	* 8.215	26.35	PK	36.4	-22	0	40.75	-	-	74	-33.25	-	-	0-360	250	V
3	* 11.329	23.98	PK	38.4	-19.7	0	42.68	-	-	74	-31.32	-	-	0-360	150	V
6	17.01	23.68	PK	41.7	-15.9	0	49.48	-	-	-	-	68.2	-18.72	0-360	250	V

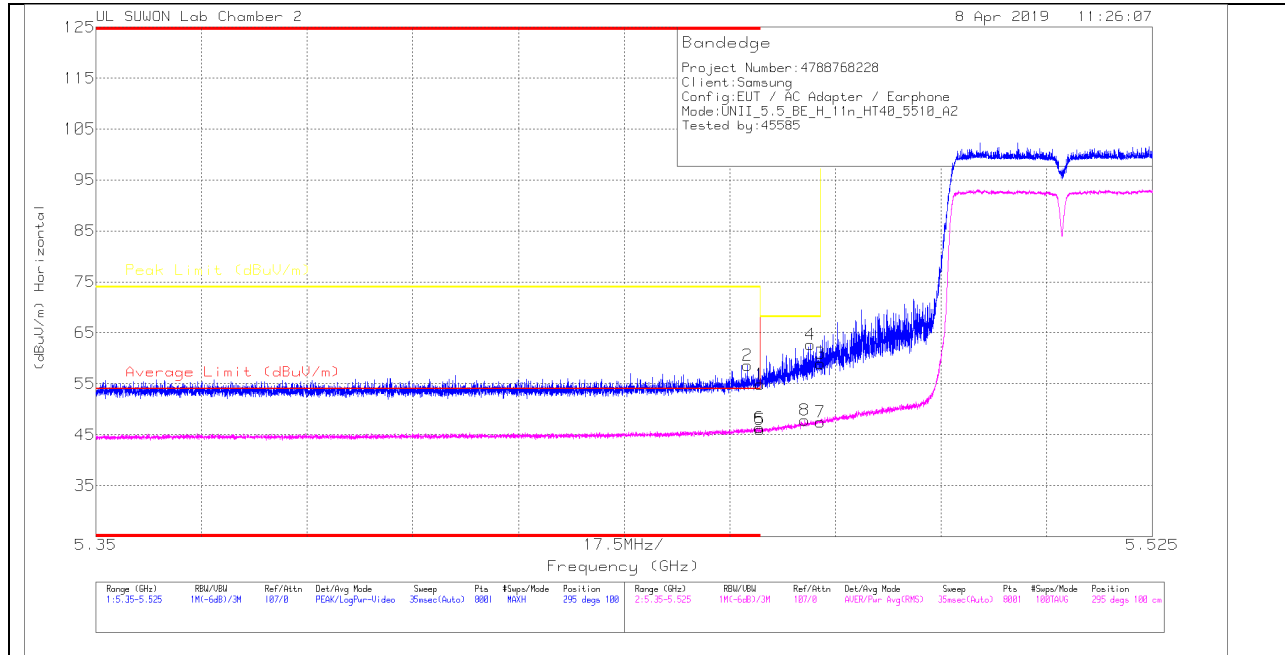
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.3.9. TX ABOVE 1GHz 802.11n HT40 1Tx ANT2 IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

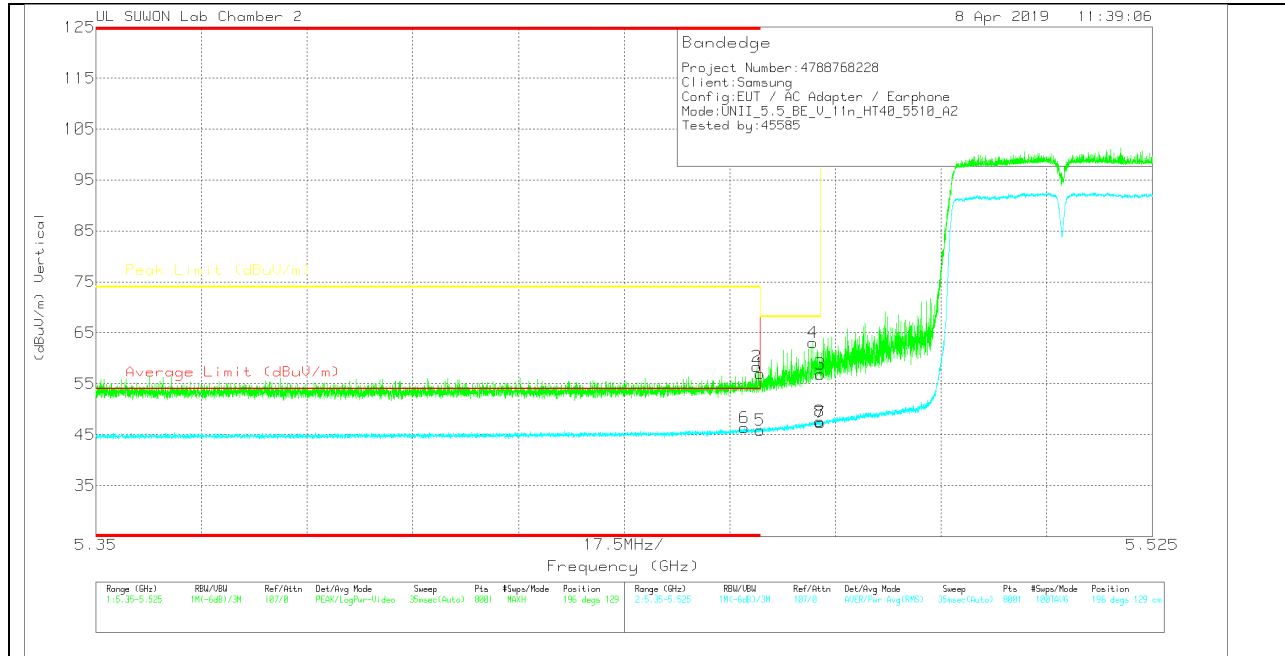
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.5	Pk	34.6	-18.2	54.9	-	-	74	-19.1	295	100	H
2	* 5.458	42.25	Pk	34.6	-18.2	58.65	-	-	74	-15.35	295	100	H
3	5.47	42.49	Pk	34.6	-18.1	58.99	-	-	68.2	-9.21	295	100	H
4	5.468	46.32	Pk	34.6	-18.2	62.72	-	-	68.2	-5.48	295	100	H
5	* 5.46	28.34	RMS	34.6	-16.9	46.04	54	-7.96	-	-	295	100	H
6	* 5.46	28.7	RMS	34.6	-16.9	46.4	54	-7.6	-	-	295	100	H
7	5.47	29.77	RMS	34.6	-16.9	47.47	-	-	-	-	295	100	H
8	5.467	30.18	RMS	34.6	-16.9	47.88	-	-	-	-	295	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	40.57	Pk	34.6	-18.2	0	56.97	-	-	74	-17.03	196	129	V
2	* 5.46	41.96	Pk	34.6	-18.2	0	58.36	-	-	74	-15.64	196	129	V
3	5.47	40.37	Pk	34.6	-18.1	0	56.87	-	-	68.2	-11.33	196	129	V
4	5.469	46.56	Pk	34.6	-18.1	0	63.06	-	-	68.2	-5.14	196	129	V
5	* 5.46	28.04	RMS	34.6	-16.9	.19	45.93	54	-8.07	-	-	196	129	V
6	* 5.457	28.43	RMS	34.6	-16.9	.19	46.32	54	-7.68	-	-	196	129	V
7	5.47	29.42	RMS	34.6	-16.9	.19	47.31	-	-	-	-	196	129	V
8	5.47	29.76	RMS	34.6	-16.9	.19	47.65	-	-	-	-	196	129	V

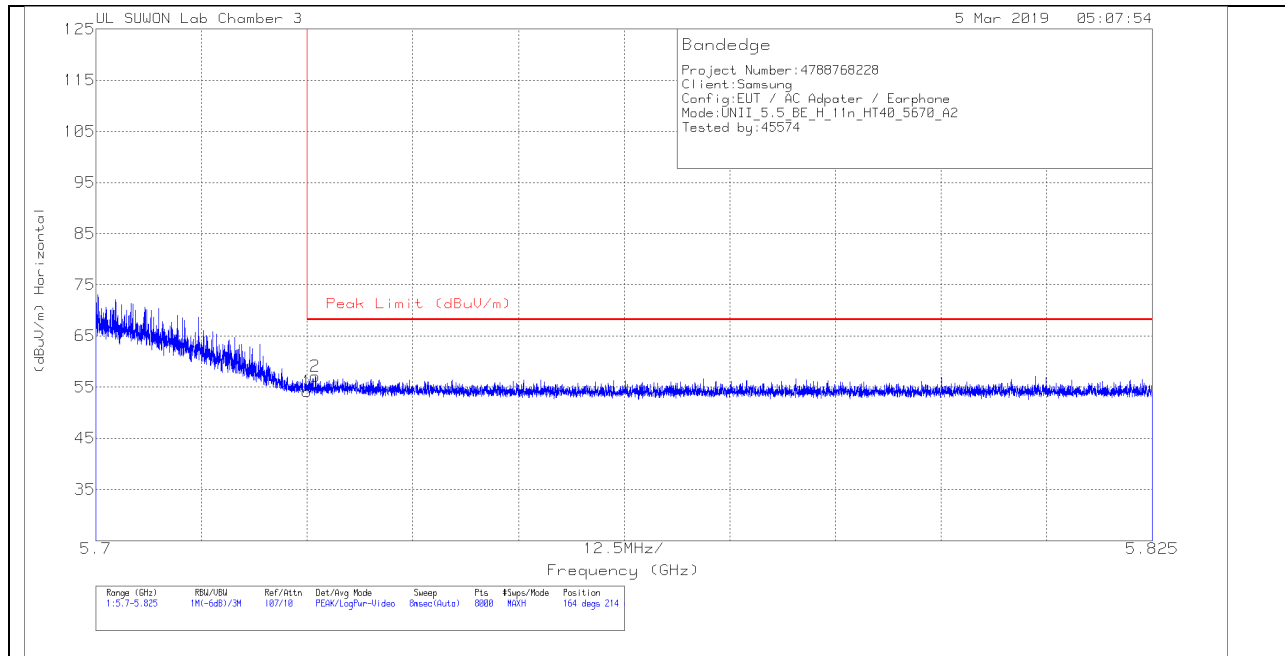
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



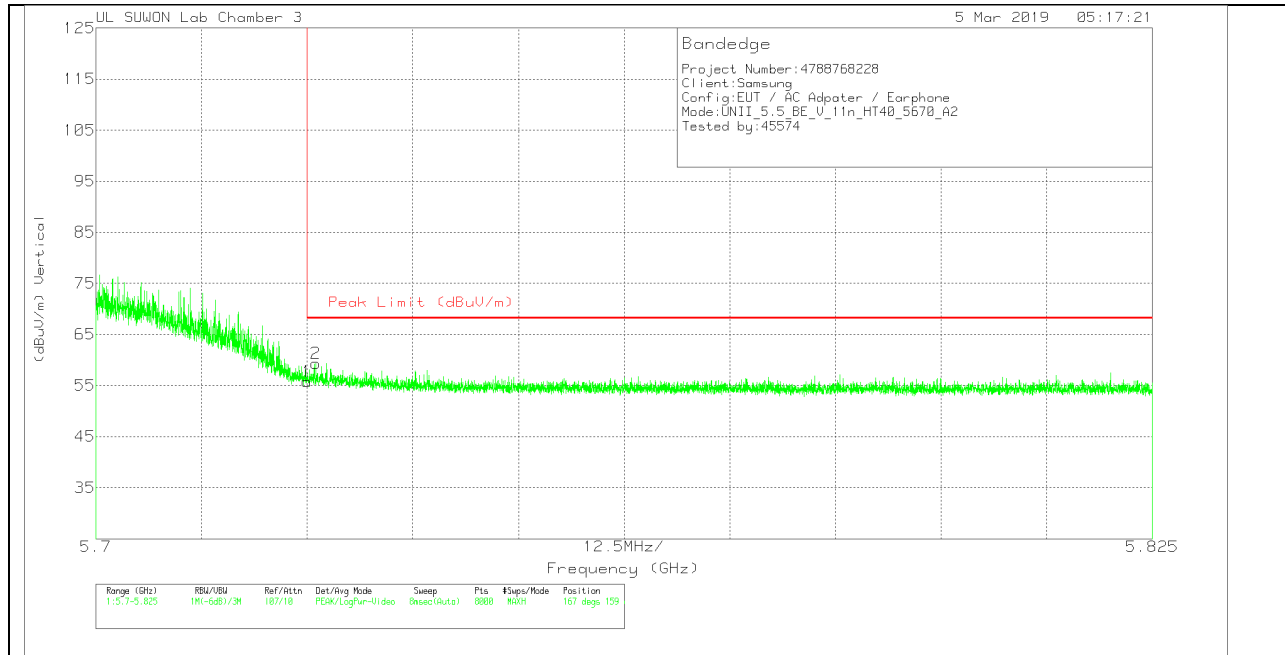
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.28	Pk	34.8	-17.9	54.18	68.2	-14.02	164	214	H
2	5.726	40.22	Pk	34.8	-17.9	57.12	68.2	-11.08	164	214	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

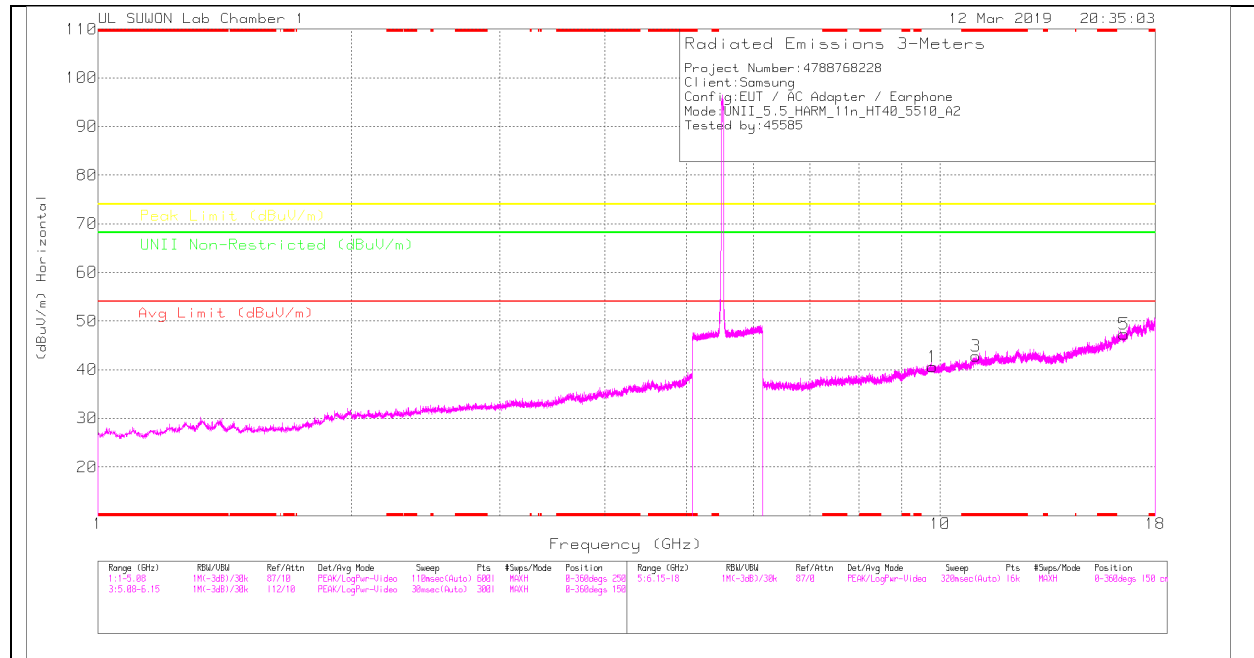
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.82	Pk	34.8	-17.9	55.72	68.2	-12.48	167	159	V
2	5.726	42.48	Pk	34.8	-17.9	59.38	68.2	-8.82	167	159	V

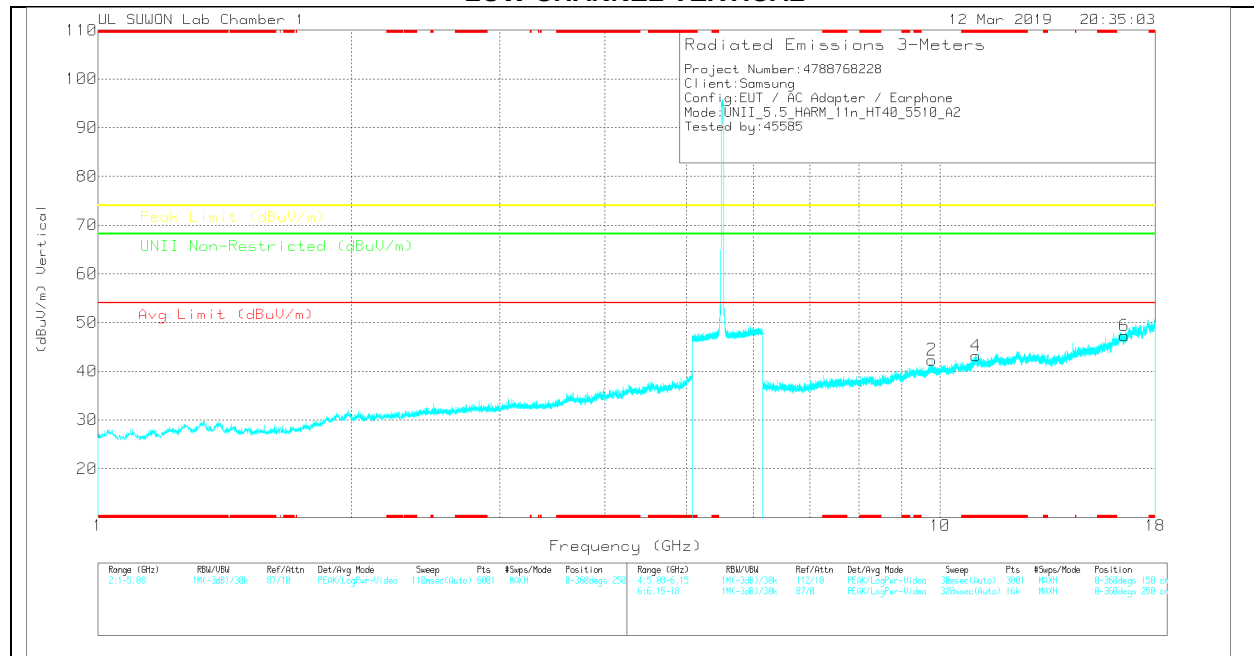
Pk - Peak detector

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

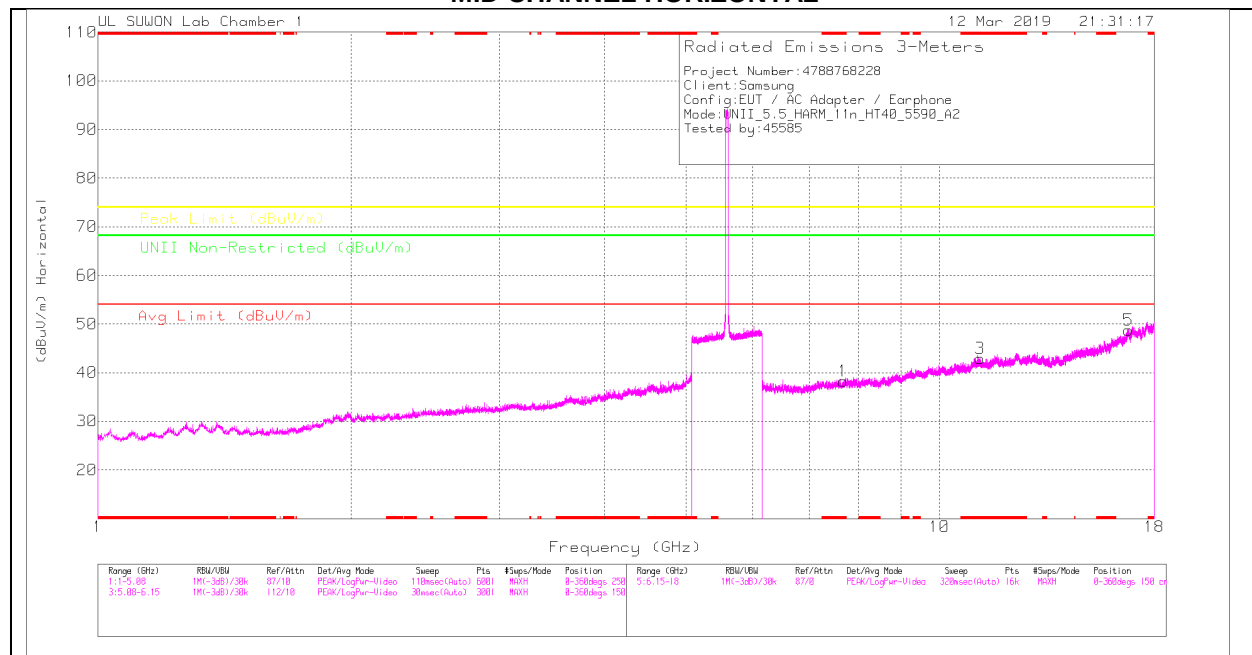
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168717	6GHz_HIP(dB)	DC Corr (dB)		Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	9.786	26.34	PK	37.3	-23.1	0		40.54	-	-	-	-	68.2	-27.66	0-360	250	H
3	*11.024	26.23	PK	38.2	-21.6	0		42.83	-	-	74	-31.17	-	-	0-360	250	H
5	16.527	25.76	PK	40.9	-19.4	0		47.26	-	-	-	-	68.2	-20.94	0-360	150	H
2	9.779	28.13	PK	37.3	-23.1	0		42.33	-	-	-	-	68.2	-25.87	0-360	250	V
4	*11.019	26.63	PK	38.2	-21.6	0		43.23	-	-	74	-30.77	-	-	0-360	250	V
6	16.534	25.7	PK	40.9	-19.3	0		47.3	-	-	-	-	68.2	-20.9	0-360	150	V

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

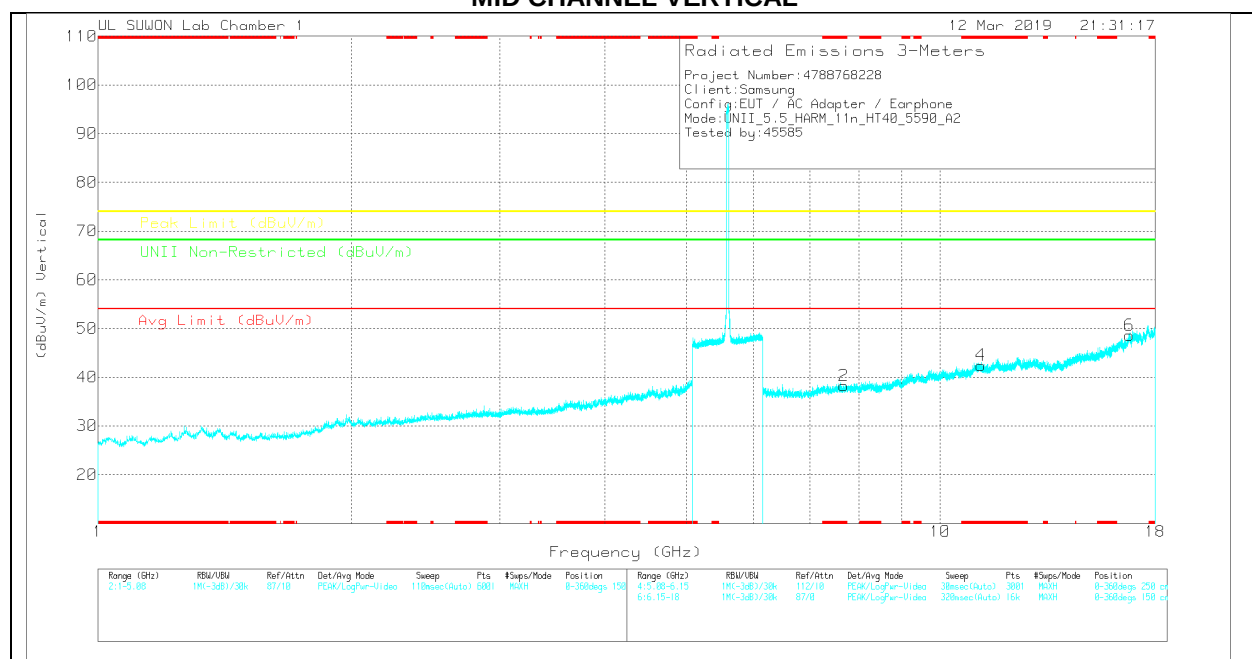
PK – Peak Detector

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

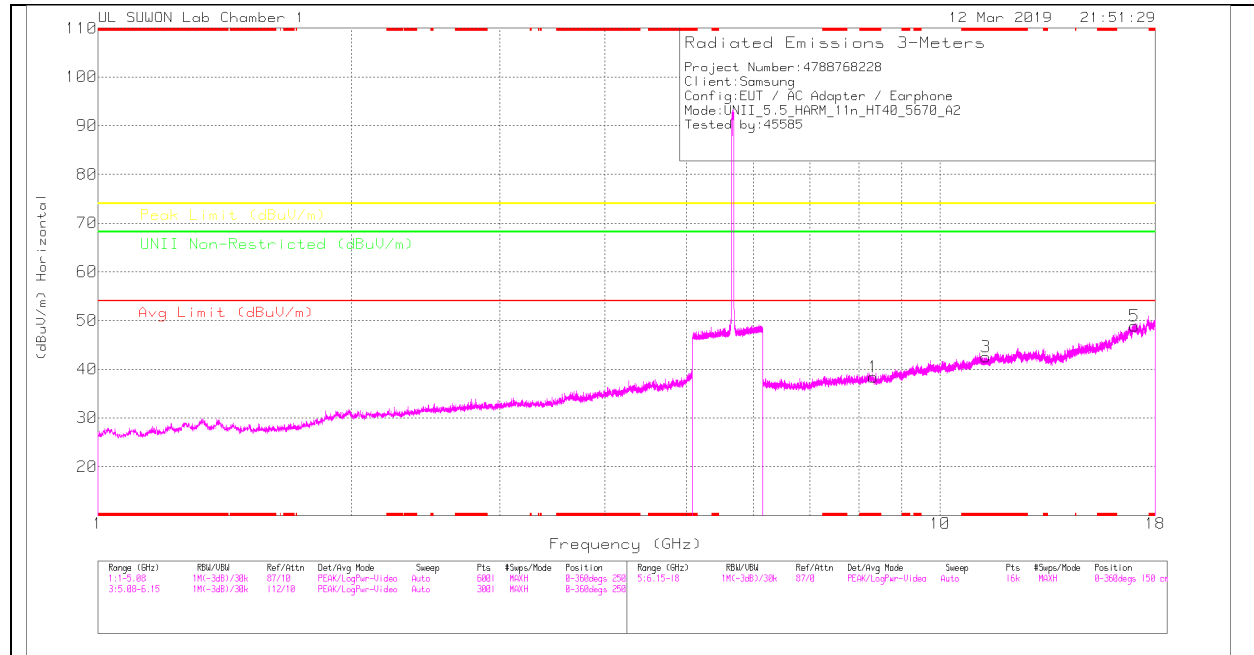
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168717	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.684	29.15	PK	35.9	-26.8	0	38.25	-	-	74	-35.75	-	-	0-360	150	H
3	* 11.178	27.04	PK	38.3	-22.4	0	42.94	-	-	74	-31.06	-	-	0-360	250	H
5	16.765	24.55	PK	41.4	-17.2	0	48.75	-	-	-	-	68.2	-19.45	0-360	150	H
2	* 7.679	29.16	PK	35.9	-26.8	0	38.26	-	-	74	-35.74	-	-	0-360	150	V
4	* 11.179	26.56	PK	38.3	-22.4	0	42.46	-	-	74	-31.54	-	-	0-360	250	V
6	16.766	24.41	PK	41.4	-17.2	0	48.61	-	-	-	-	68.2	-19.59	0-360	250	V

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

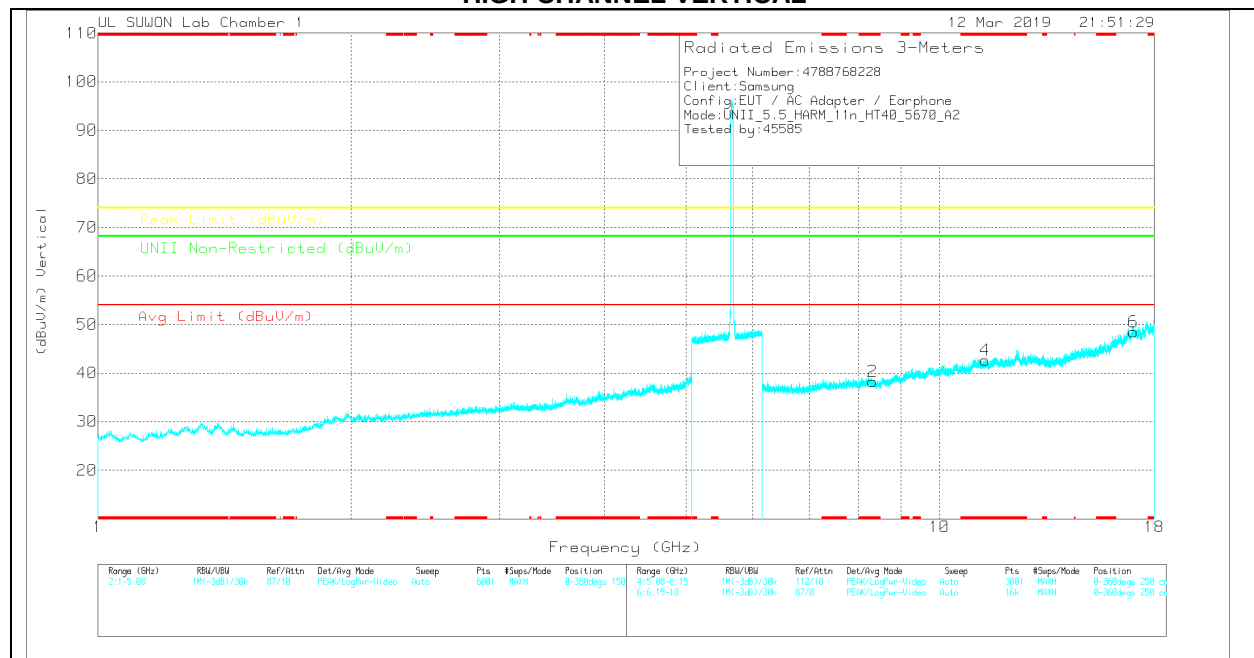
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168717	60Hz_HR(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	* 8.324	27.34	PK	36.3	-25.3	0	38.34	-	-	74	-35.66	-	-	0-360	250	H
3	* 11.339	26.32	PK	38.4	-22.2	0	42.52	-	-	74	-31.48	-	-	0-360	250	H
5	17.01	24.61	PK	41.7	-17.4	0	48.91	-	-	-	-	68.2	-19.29	0-360	250	H
2	* 8.33	27.31	PK	36.3	-25.4	0	38.21	-	-	74	-35.79	-	-	0-360	250	V
4	* 11.34	26.42	PK	38.4	-22.2	0	42.62	-	-	74	-31.38	-	-	0-360	150	V
6	17.007	24.14	PK	41.7	-17.4	0	48.44	-	-	-	-	68.2	-19.76	0-360	150	V

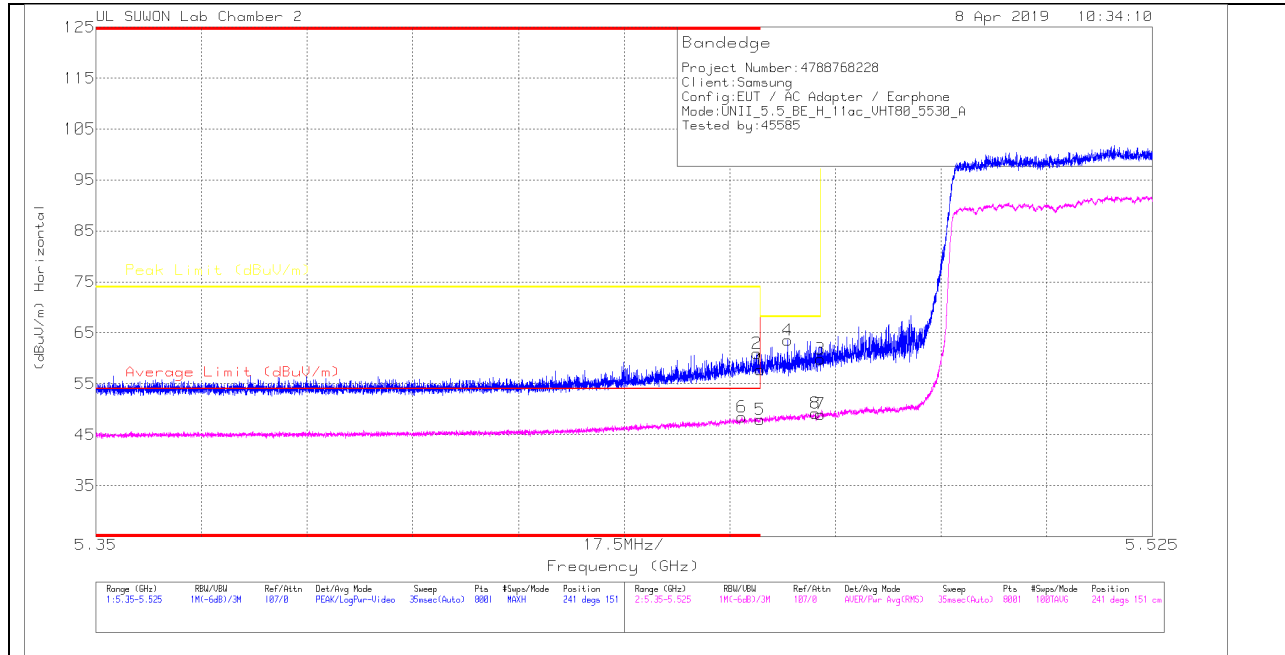
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.3.10.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

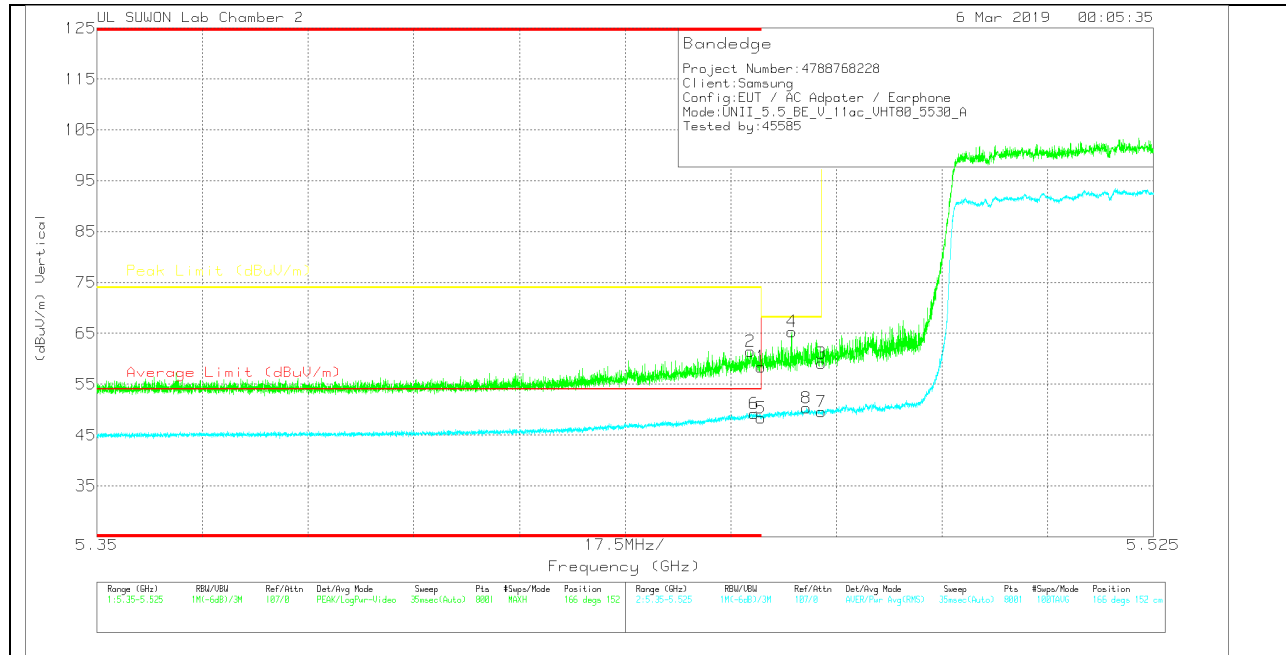
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.31	Pk	34.6	-18.2	0	57.71	-	-	74	-16.29	241	151	H
2	* 5.459	44.53	Pk	34.6	-18.2	0	60.93	-	-	74	-13.07	241	151	H
3	5.47	43.4	Pk	34.6	-18.1	0	59.9	-	-	68.2	-8.3	241	151	H
4	5.465	47.16	Pk	34.6	-18.2	0	63.56	-	-	68.2	-4.64	241	151	H
5	* 5.46	29.9	RMS	34.6	-16.9	.39	47.99	54	-6.01	-	-	241	151	H
6	* 5.457	30.35	RMS	34.6	-16.9	.39	48.44	54	-5.56	-	-	241	151	H
7	5.47	30.94	RMS	34.6	-16.9	.39	49.03	-	-	-	-	241	151	H
8	5.469	31.11	RMS	34.6	-16.9	.39	49.2	-	-	-	-	241	151	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	42.03	Pk	34.6	-18.2	0	58.43	-	-	74	-15.57	166	152	V
2	* 5.458	45.1	Pk	34.6	-18.2	0	61.5	-	-	74	-12.5	166	152	V
3	5.47	42.64	Pk	34.6	-18.1	0	59.14	-	-	68.2	-9.06	166	152	V
4	5.465	48.95	Pk	34.6	-18.2	0	65.35	-	-	68.2	-2.85	166	152	V
5	* 5.46	30.24	RMS	34.6	-16.9	.39	48.33	54	-5.67	-	-	166	152	V
6	* 5.459	31.13	RMS	34.6	-16.9	.39	49.22	54	-4.78	-	-	166	152	V
7	5.47	31.48	RMS	34.6	-16.9	.39	49.57	-	-	-	-	166	152	V
8	5.468	32.19	RMS	34.6	-16.9	.39	50.28	-	-	-	-	166	152	V

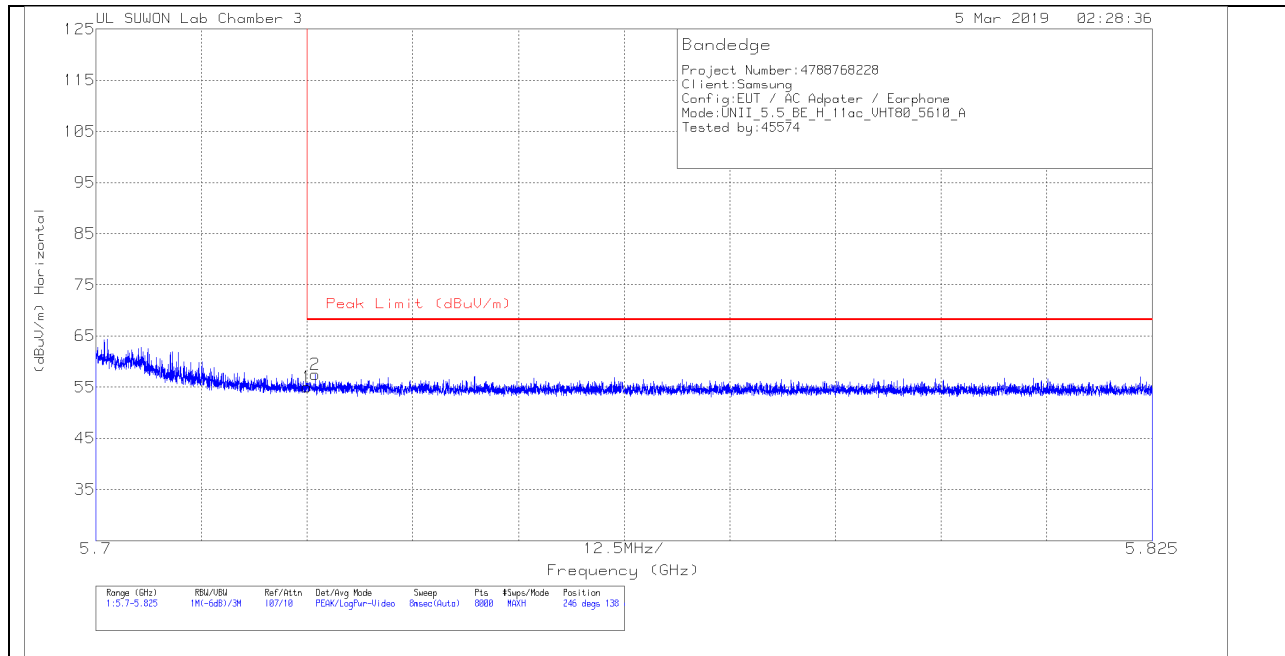
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



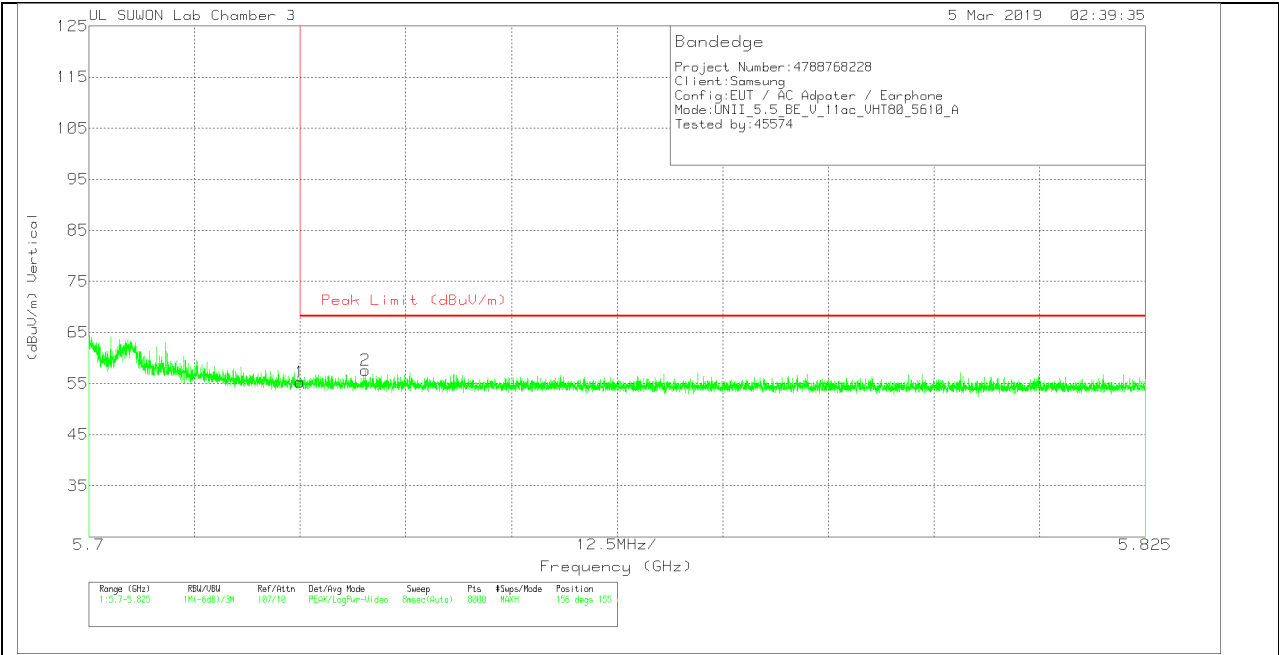
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.11	Pk	34.8	-17.9	55.01	68.2	-13.19	246	138	H
2	5.726	40.61	Pk	34.8	-17.9	57.51	68.2	-10.69	246	138	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

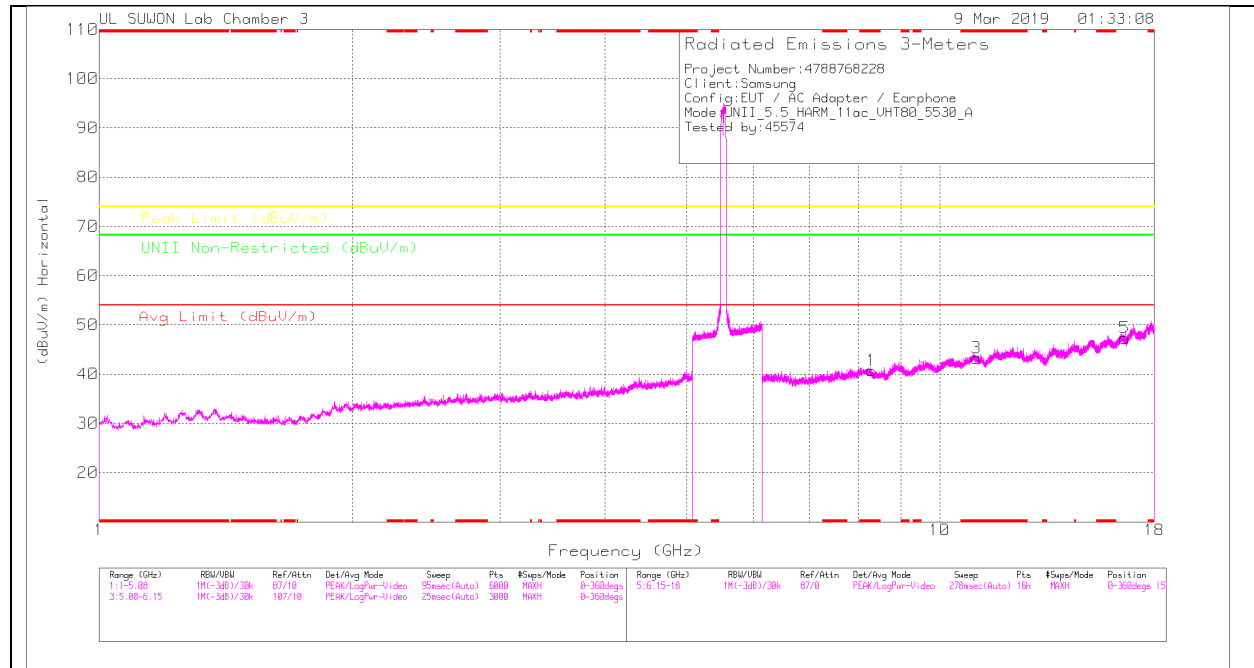
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	38.42	Pk	34.8	-17.9	55.32	68.2	-12.88	156	155	V
2	5.733	40.72	Pk	34.8	-17.9	57.62	68.2	-10.58	156	155	V

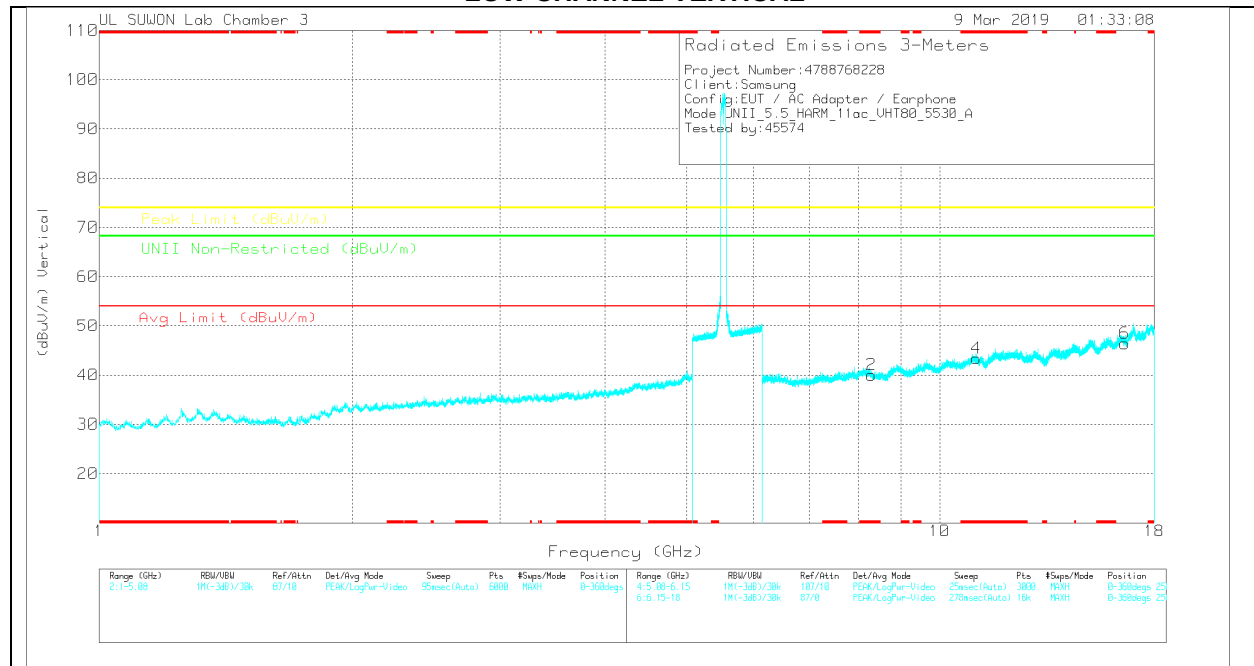
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

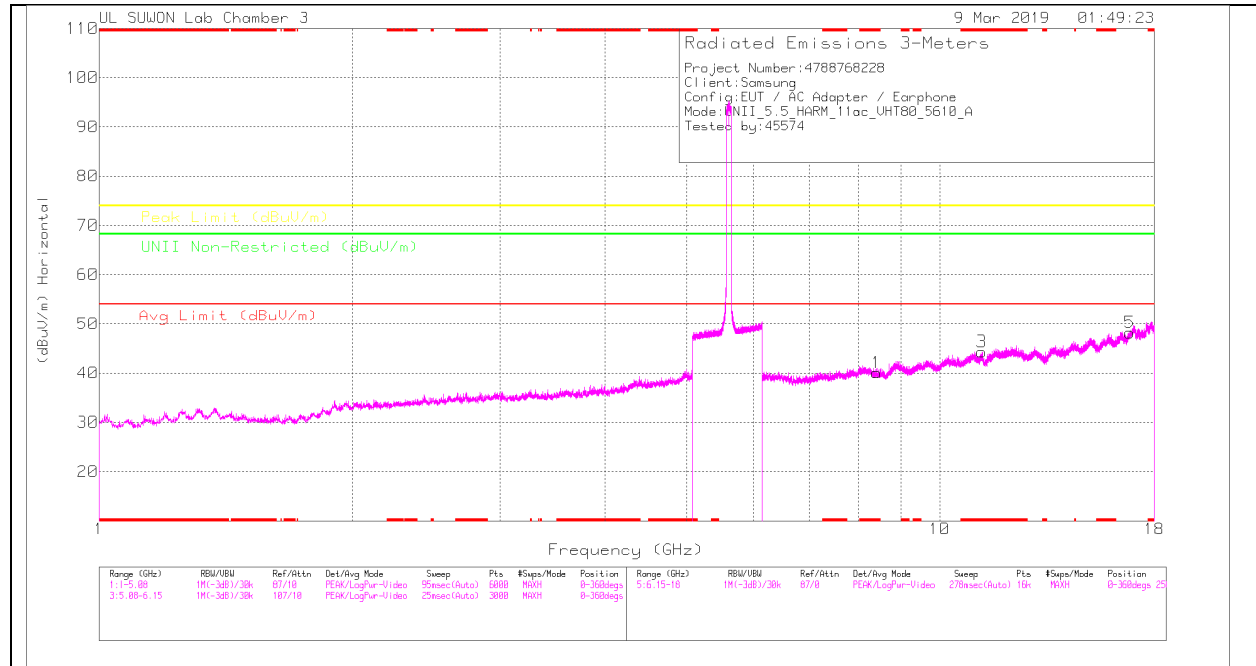
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00305959	60Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.296	26.41	PK	36.4	-22.1	0	40.71	-	-	74	-33.29	-	-	0-360	250	H
3	* 11.062	24.53	PK	38.2	-19.5	0	43.23	-	-	74	-30.77	-	-	0-360	250	H
5	16.59	23.52	PK	41	-17.2	0	47.32	-	-	-	-	68.2	-20.88	0-360	150	H
2	* 8.295	25.74	PK	36.4	-22.1	0	40.04	-	-	74	-33.96	-	-	0-360	150	V
4	* 11.061	24.71	PK	38.2	-19.5	0	43.41	-	-	74	-30.59	-	-	0-360	150	V
6	16.59	22.63	PK	41	-17.2	0	46.43	-	-	-	-	68.2	-21.77	0-360	250	V

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

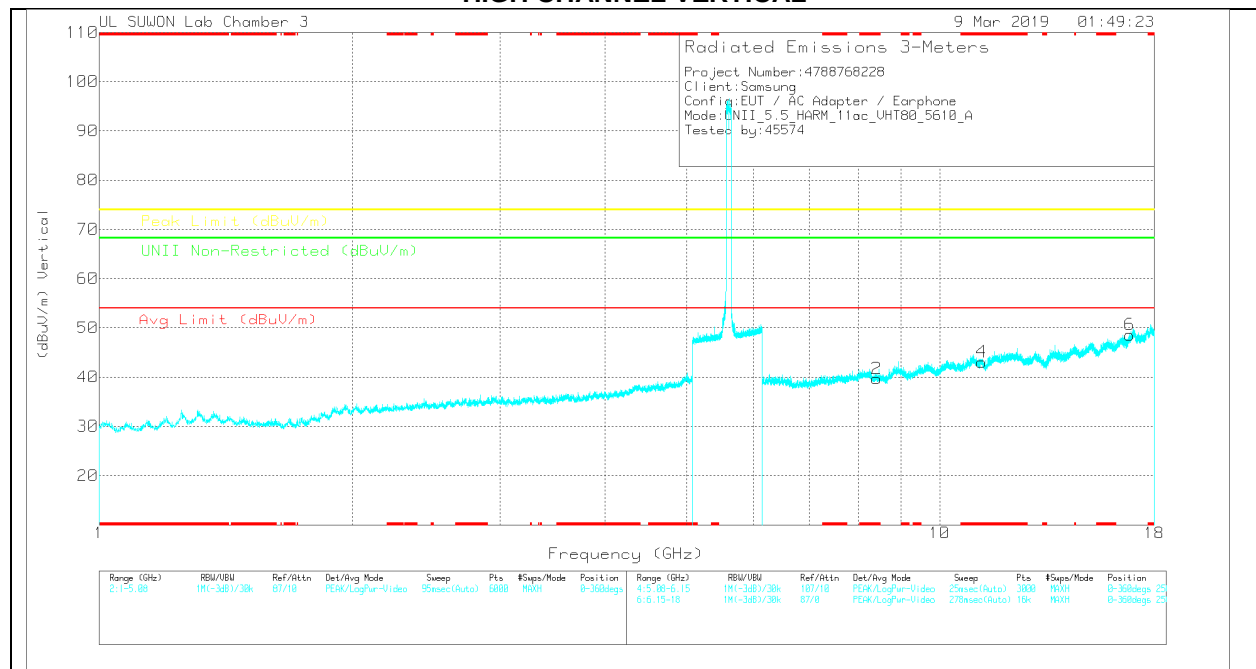
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00205959	60Hz_HR(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	* 8.416	25.58	PK	36.3	-21.8	0	40.08	-	-	74	-33.92	-	-	0-360	150	H
3	* 11.22	25.32	PK	38.4	-19.4	0	44.32	-	-	74	-29.68	-	-	0-360	250	H
5	16.83	23.12	PK	41.5	-16.4	0	48.22	-	-	-	-	68.2	-19.98	0-360	150	H
2	* 8.416	25.2	PK	36.3	-21.8	0	39.7	-	-	74	-34.3	-	-	0-360	250	V
4	* 11.221	24.08	PK	38.4	-19.4	0	43.08	-	-	74	-30.92	-	-	0-360	150	V
6	16.832	23.49	PK	41.5	-16.4	0	48.59	-	-	-	-	68.2	-19.61	0-360	250	V

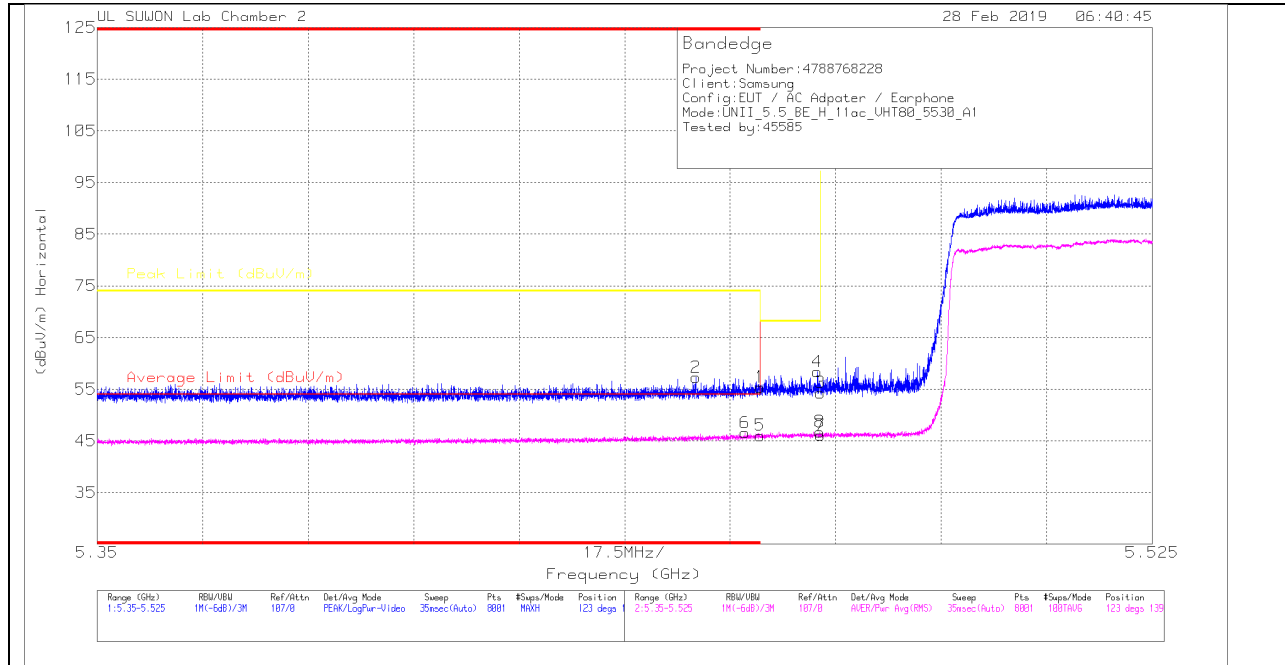
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.3.11. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT1 IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

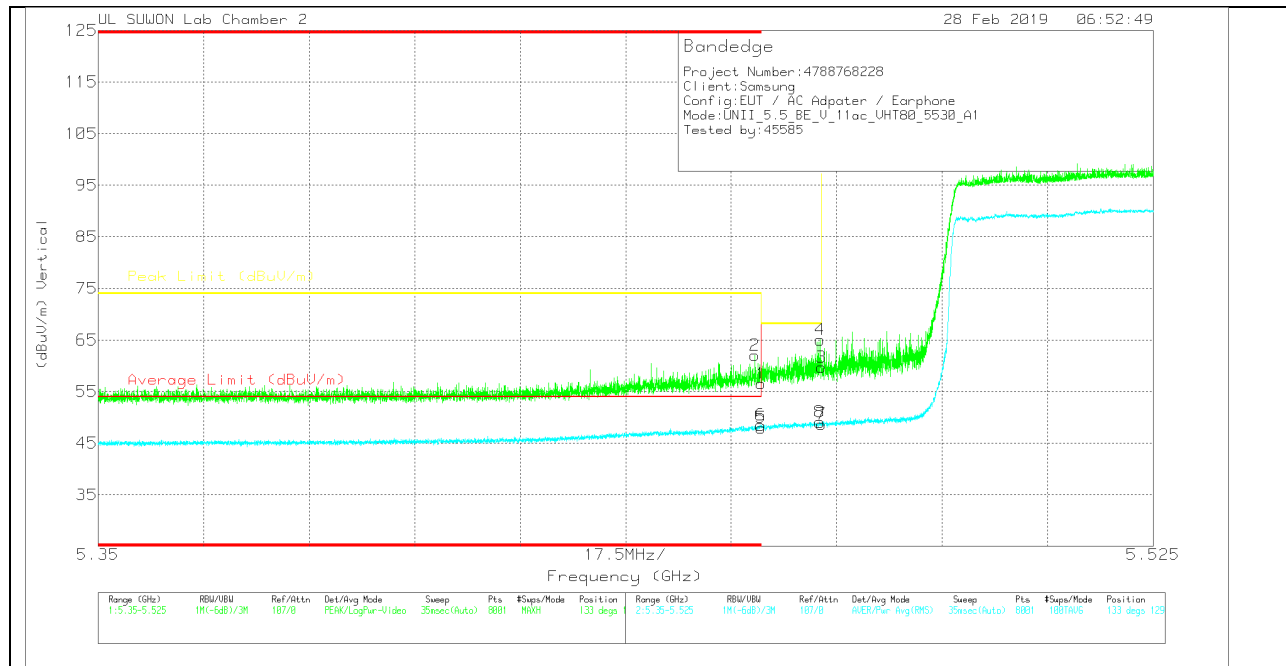
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.98	Pk	34.6	-18.2	0	55.38	-	-	74	-18.62	123	139	H
2	* 5.449	40.88	Pk	34.5	-18.1	0	57.28	-	-	74	-16.72	123	139	H
3	5.47	37.81	Pk	34.6	-18.1	0	54.31	-	-	68.2	-13.89	123	139	H
4	5.469	41.86	Pk	34.6	-18.1	0	58.36	-	-	68.2	-9.84	123	139	H
5	* 5.46	27.95	RMS	34.6	-16.9	.39	46.04	54	-7.96	-	-	123	139	H
6	* 5.457	28.48	RMS	34.6	-16.9	.39	46.57	54	-7.43	-	-	123	139	H
7	5.47	27.99	RMS	34.6	-16.9	.39	46.08	-	-	-	-	123	139	H
8	5.47	28.65	RMS	34.6	-16.9	.39	46.74	-	-	-	-	123	139	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_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	40.17	Pk	34.6	-18.2	0	56.57	-	-	74	-17.43	133	129	V
2	* 5.459	45.64	Pk	34.6	-18.2	0	62.04	-	-	74	-11.96	133	129	V
3	5.47	43.22	Pk	34.6	-18.1	0	59.72	-	-	68.2	-8.48	133	129	V
4	5.47	48.55	Pk	34.6	-18.1	0	65.05	-	-	68.2	-3.15	133	129	V
5	* 5.46	29.9	RMS	34.6	-16.9	.39	47.99	54	-6.01	-	-	133	129	V
6	* 5.46	30.4	RMS	34.6	-16.9	.39	48.49	54	-5.51	-	-	133	129	V
7	5.47	30.6	RMS	34.6	-16.9	.39	48.69	-	-	-	-	133	129	V
8	5.47	31.01	RMS	34.6	-16.9	.39	49.1	-	-	-	-	133	129	V

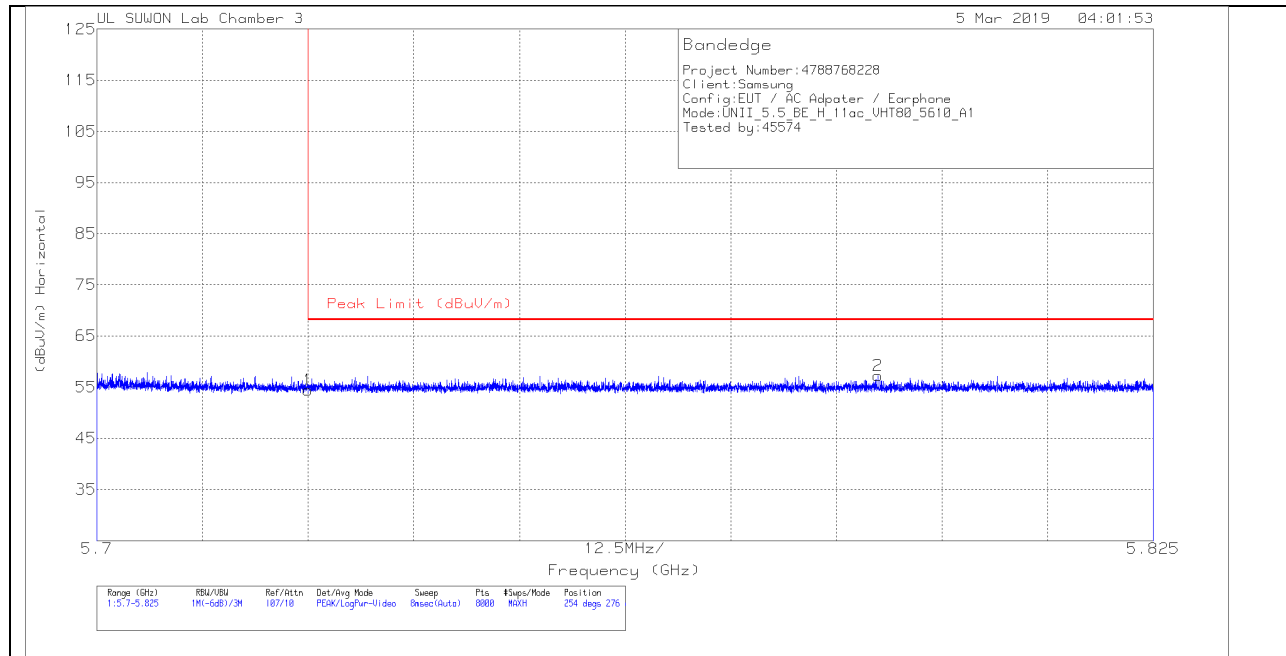
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.51	Pk	34.8	-17.9	54.41	68.2	-13.79	254	276	H
2	5.792	40.06	Pk	34.9	-17.7	57.26	68.2	-10.94	254	276	H

Pk - Peak detector

UL SUWON Lab Chamber 3

5 Mar 2019 04:12:43

Bandedge

Project Number: 4788768228
 Client: Samsung
 Config: EUT / AC Adapter / Earphone
 Mode: UNII_5.5_BE_U_11ac_UHT80_5610_A1
 Tested by: 45574

Peak Limit (dBuV/m)

Vertical (dBuV/m)

Frequency (GHz)

12.5MHz/

5.7 5.825

Range (GHz)	RBW/VBW	Ref/Ant	Det/Avg Mode	Sweep	Pls	#Samps/Mode	Position
1.57-5.825	100 kHz/30	107716	PSK/LogPwr-U/200	8000 Hz/100	0.000	1024	150 degs 127

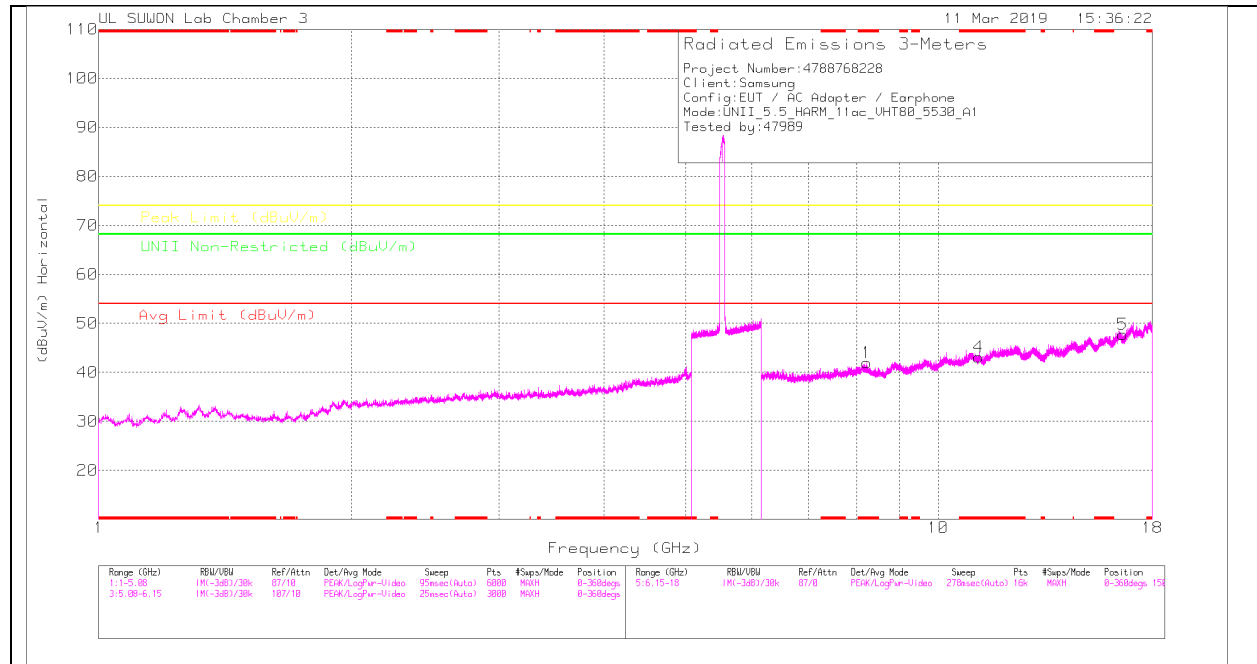
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.31	Pk	34.8	-17.9	53.21	68.2	-14.99	150	127	V
2	5.81	39.44	Pk	34.9	-17.8	56.54	68.2	-11.66	150	127	V

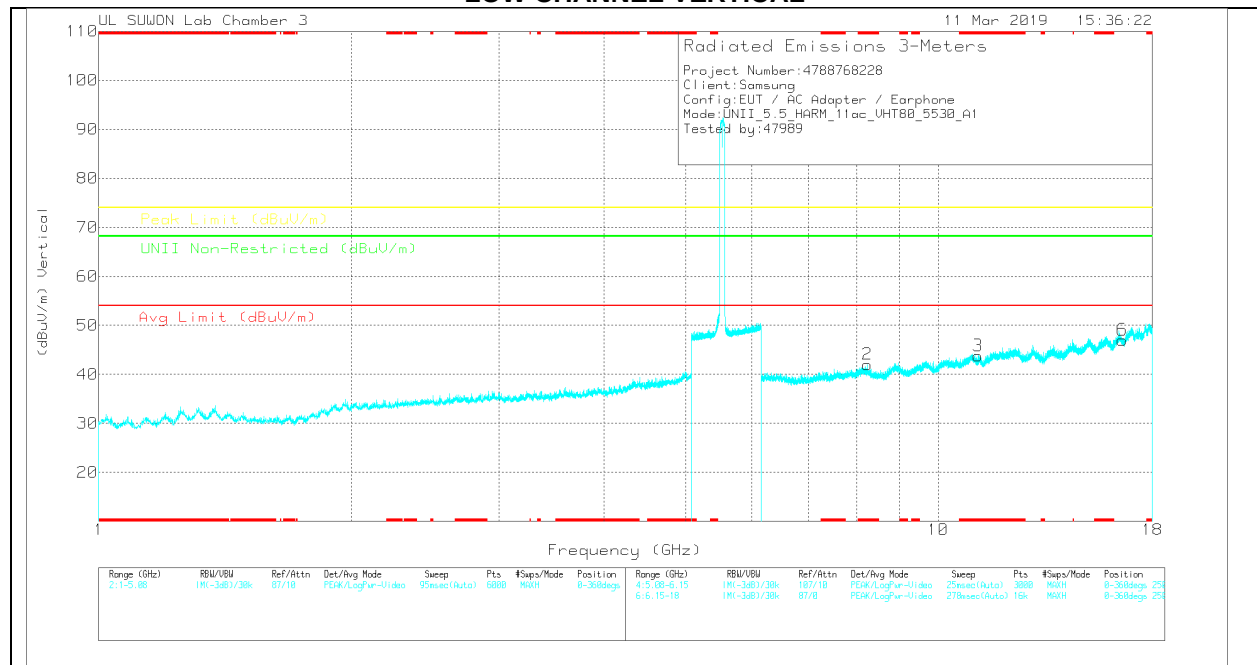
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HARMONICS AND SPURIOUS EMISSIONS

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

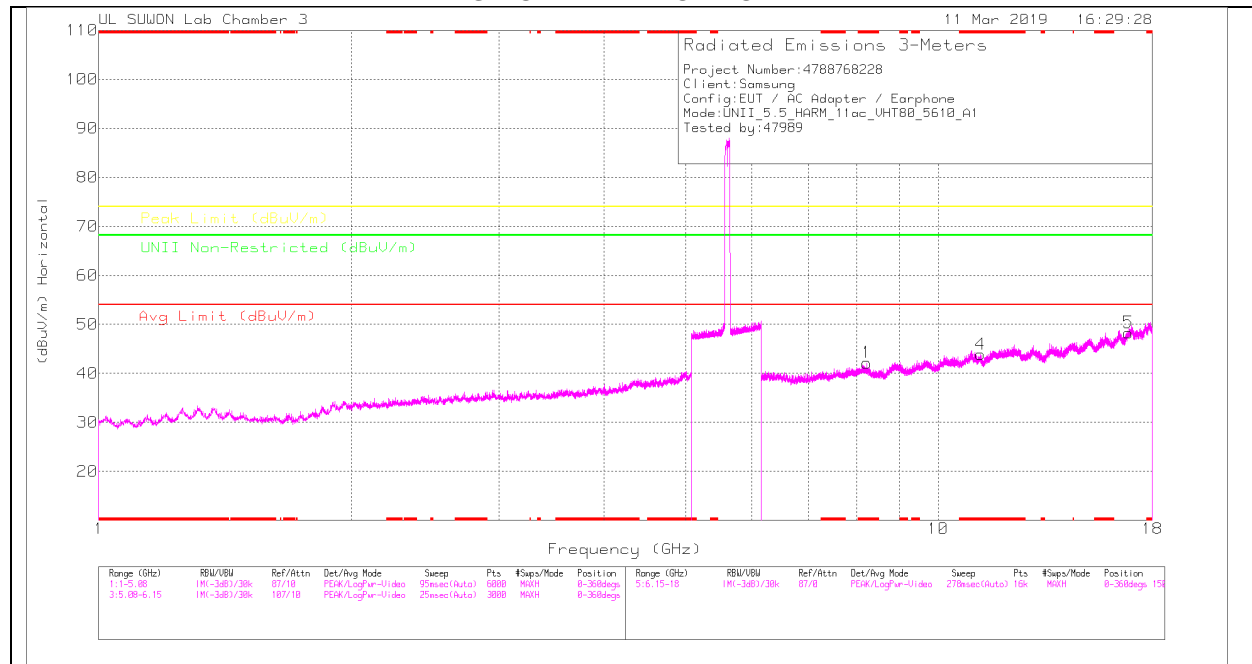
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00305959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.227	27.67	PK	36.4	-22.1	0	41.97	-	-	74	-32.03	-	-	0-360	150	H
4	* 11.175	24.44	PK	38.3	-19.6	0	43.14	-	-	74	-30.86	-	-	0-360	150	H
5	16.581	24.15	PK	40.9	-17.3	0	47.75	-	-	-	-	68.2	-20.45	0-360	150	H
2	* 8.239	27.73	PK	36.4	-22.1	0	42.03	-	-	74	-31.97	-	-	0-360	250	V
3	* 11.16	25.2	PK	38.3	-19.7	0	43.8	-	-	74	-30.2	-	-	0-360	150	V
6	16.574	23.43	PK	40.9	-17.3	0	47.03	-	-	-	-	68.2	-21.17	0-360	150	V

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

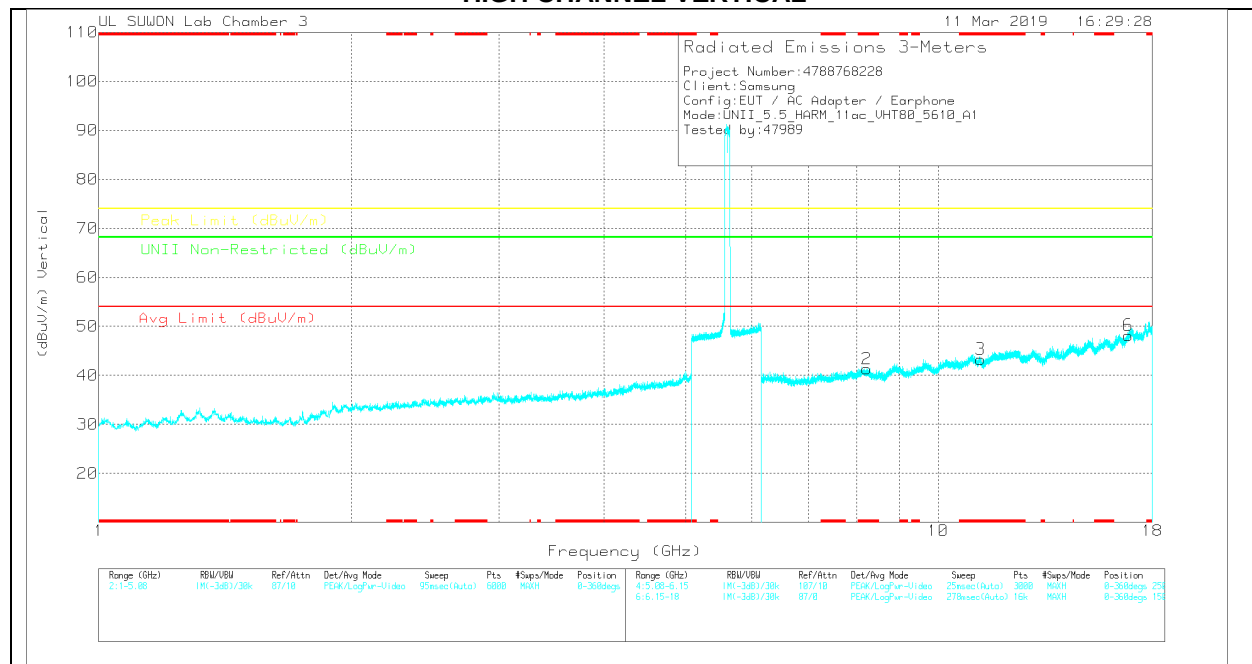
PK – Peak Detector

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	3117_00205059	60Hz_HR(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	* 8.216	27.77	PK	36.4	-22	0	42.17	-	-	74	-31.83	-	-	0-360	250	H
4	* 11.229	24.89	PK	38.4	-19.4	0	43.89	-	-	74	-30.11	-	-	0-360	250	H
5	16.847	23.21	PK	41.6	-16.5	0	48.31	-	-	-	-	68.2	-19.89	0-360	150	H
2	* 8.219	27.02	PK	36.4	-22.1	0	41.32	-	-	74	-32.68	-	-	0-360	150	V
3	* 11.231	24.29	PK	38.4	-19.4	0	43.29	-	-	74	-30.71	-	-	0-360	250	V
6	16.848	23.06	PK	41.6	-16.5	0	48.16	-	-	-	-	68.2	-20.04	0-360	150	V

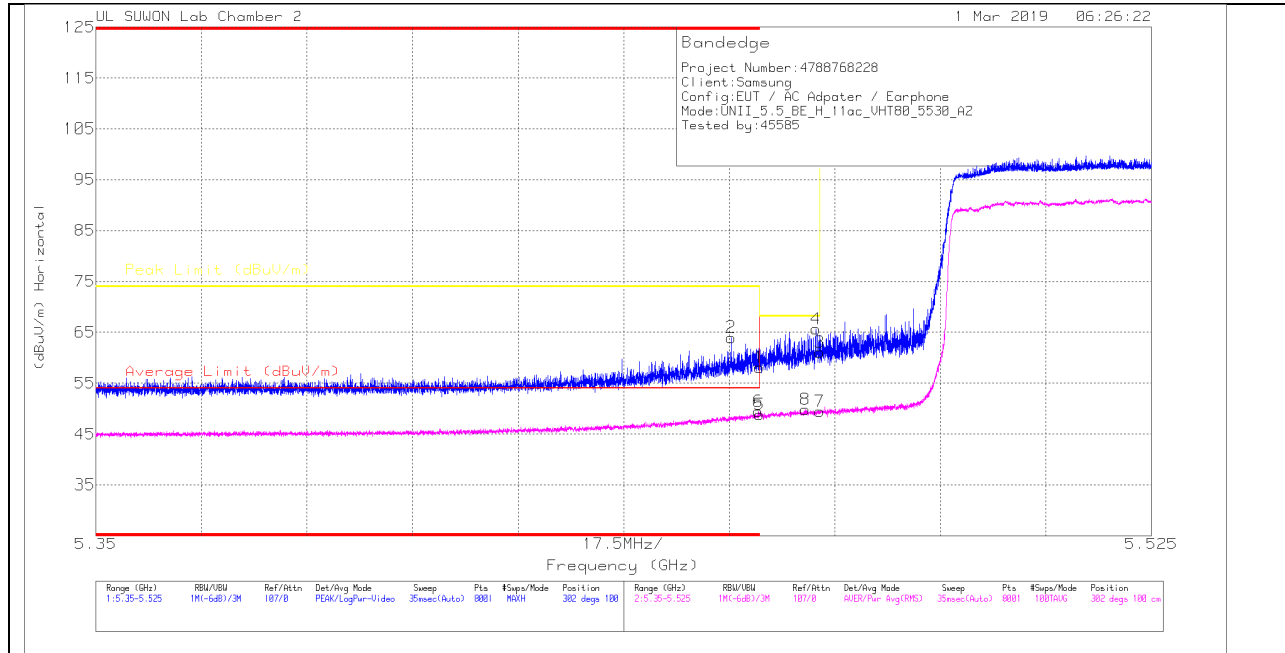
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.3.12. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT2 IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

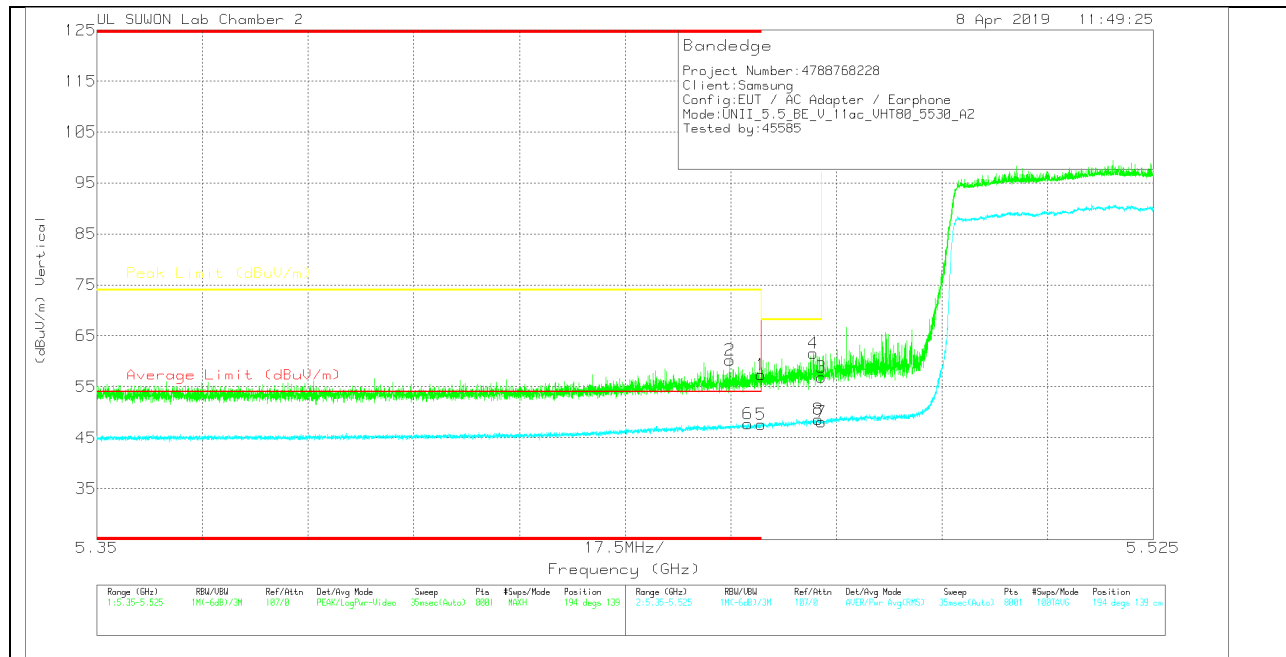
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	41.77	Pk	34.6	-18.2	0	58.17	-	-	74	-15.83	302	100	H
2	* 5.455	47.59	Pk	34.6	-18.2	0	63.99	-	-	74	-10.01	302	100	H
3	5.47	44.6	Pk	34.6	-18.1	0	61.1	-	-	68.2	-7.1	302	100	H
4	5.469	49.11	Pk	34.6	-18.1	0	65.61	-	-	68.2	-2.59	302	100	H
5	* 5.46	30.77	RMS	34.6	-16.9	-39	48.86	54	-5.14	-	-	302	100	H
6	* 5.46	31.33	RMS	34.6	-16.9	-39	49.42	54	-4.58	-	-	302	100	H
7	5.47	31.33	RMS	34.6	-16.9	-39	49.42	-	-	-	-	302	100	H
8	5.468	31.75	RMS	34.6	-16.9	-39	49.84	-	-	-	-	302	100	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	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	* 5.46	40.97	Pk	34.6	-18.2	0	57.37	-	-	74	-16.63	194	139	V
2	* 5.455	43.8	Pk	34.6	-18.2	0	60.2	-	-	74	-13.8	194	139	V
3	5.47	40.43	Pk	34.6	-18.1	0	56.93	-	-	68.2	-11.27	194	139	V
4	5.469	45.07	Pk	34.6	-18.1	0	61.57	-	-	68.2	-6.63	194	139	V
5	* 5.46	29.46	RMS	34.6	-16.9	.39	47.55	54	-6.45	-	-	194	139	V
6	* 5.458	29.61	RMS	34.6	-16.9	.39	47.7	54	-6.3	-	-	194	139	V
7	5.47	29.97	RMS	34.6	-16.9	.39	48.06	-	-	-	-	194	139	V
8	5.469	30.56	RMS	34.6	-16.9	.39	48.65	-	-	-	-	194	139	V

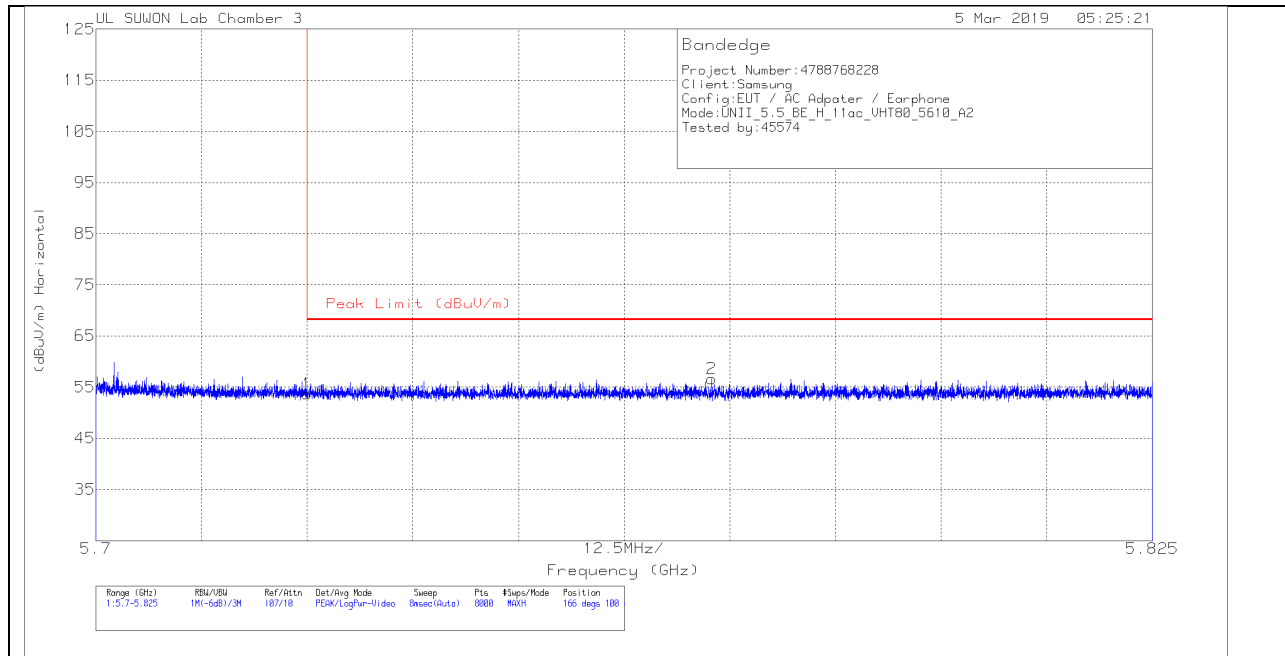
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



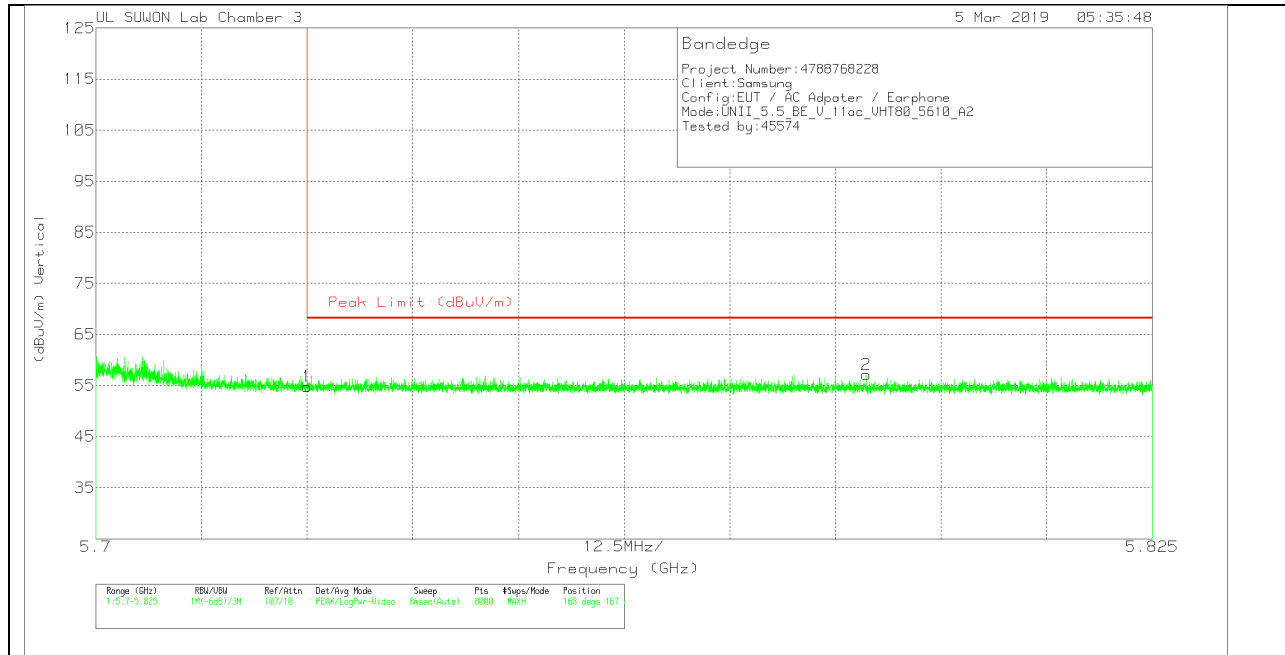
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.82	Pk	34.8	-17.9	53.72	68.2	-14.48	166	100	H
2	5.773	39.55	Pk	34.9	-17.8	56.65	68.2	-11.55	166	100	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

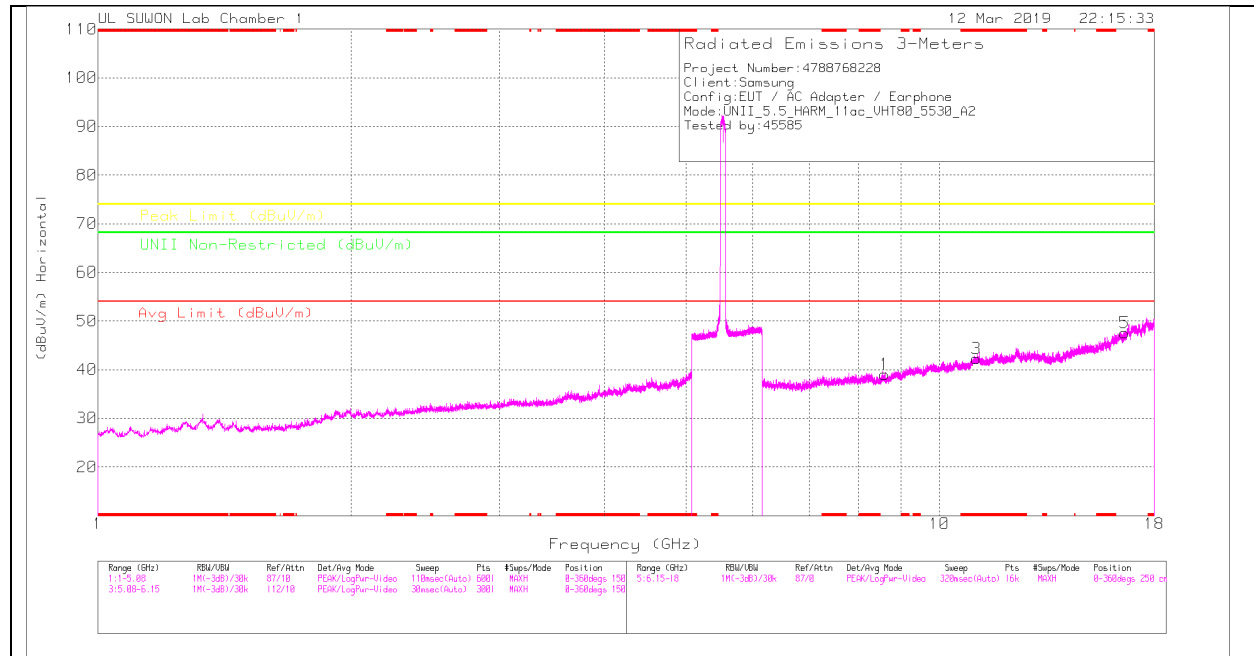
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.91	Pk	34.8	-17.9	54.81	68.2	-13.39	168	167	V
2	5.791	40.01	Pk	34.9	-17.8	57.11	68.2	-11.09	168	167	V

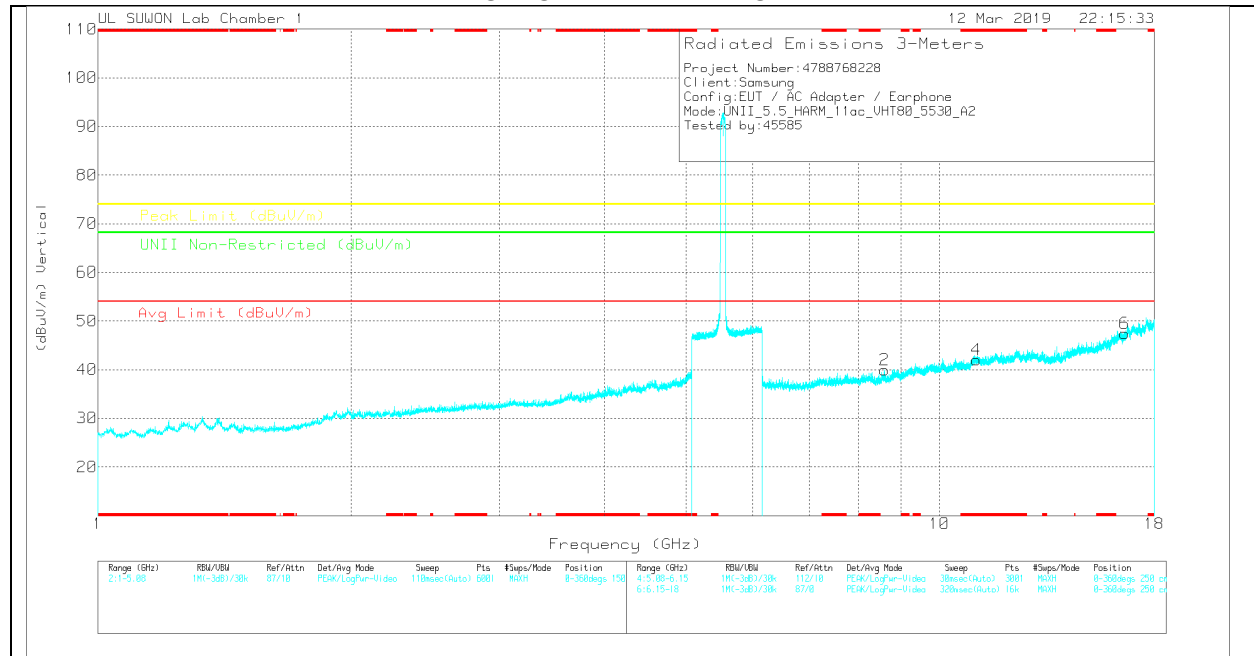
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

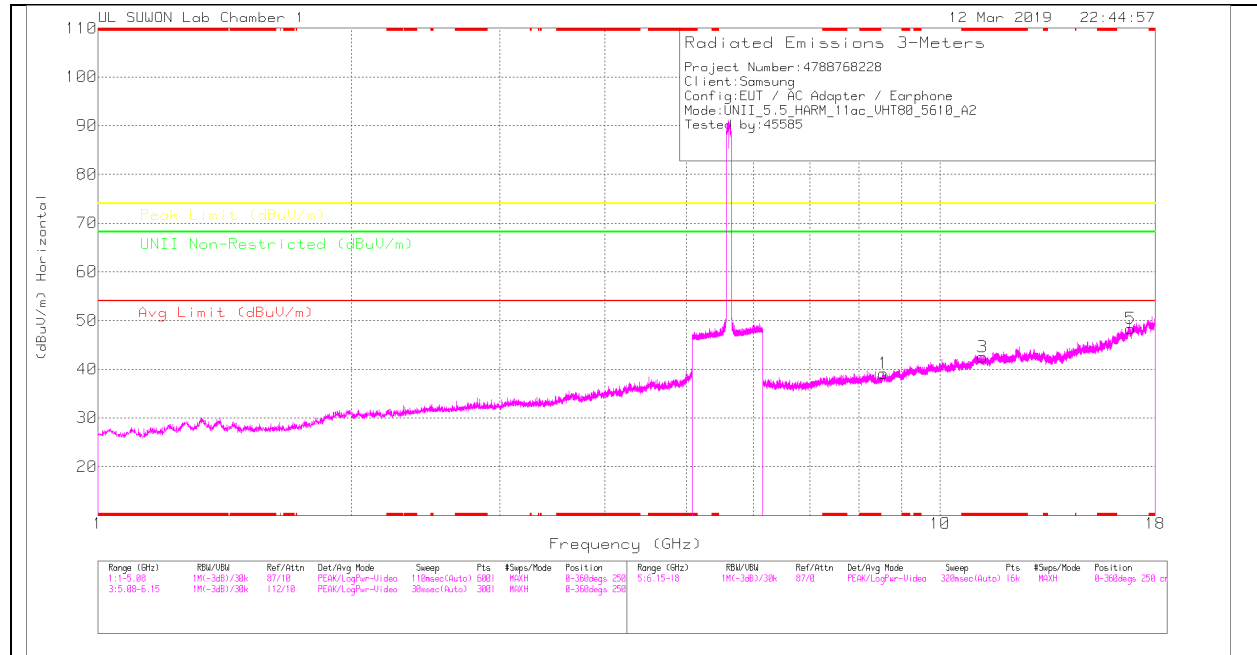
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	60Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.607	27.19	PK	36.3	-24.4	0	39.09	-	-	-	-	68.2	-29.11	0-360	250	H
3	*11.053	26.06	PK	38.2	-22	0	42.26	-	-	74	-31.74	-	-	0-360	250	H
5	16.591	25.29	PK	41	-18.7	0	47.59	-	-	-	-	68.2	-20.61	0-360	150	H
2	8.606	28.02	PK	36.3	-24.4	0	39.92	-	-	-	-	68.2	-28.28	0-360	250	V
4	*11.054	25.79	PK	38.2	-22	0	41.99	-	-	74	-32.01	-	-	0-360	150	V
6	16.594	25.26	PK	41	-18.8	0	47.46	-	-	-	-	68.2	-20.74	0-360	250	V

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

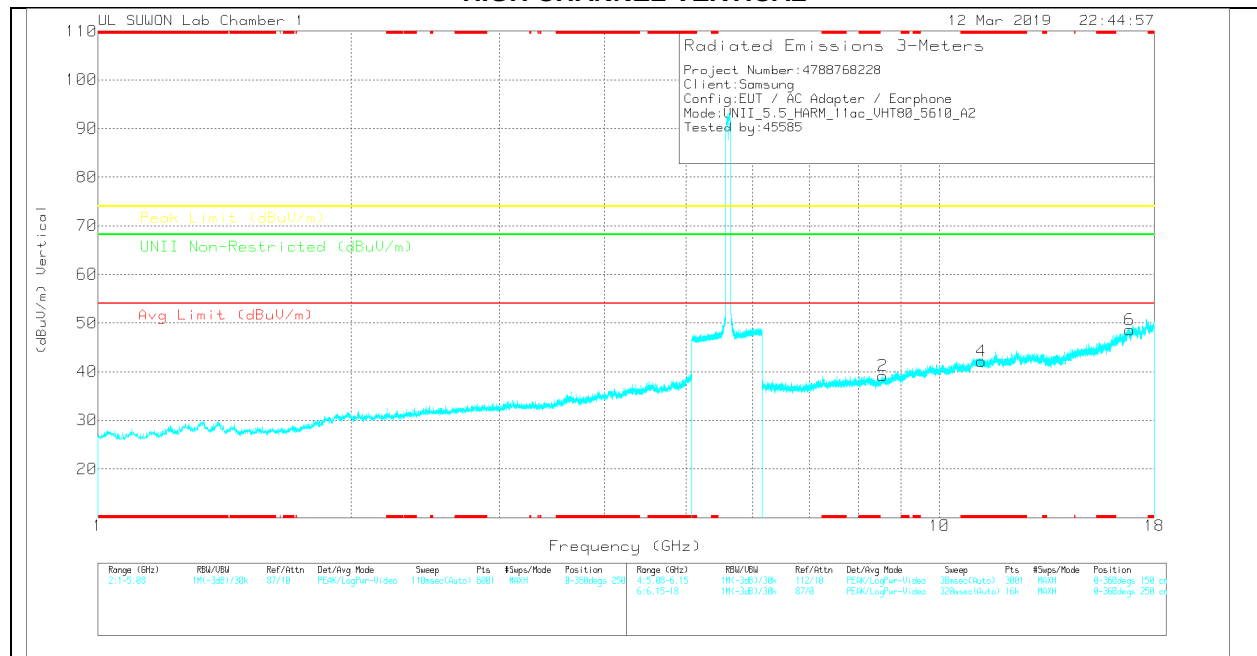
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00108717	60Hz_HIP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.566	27.16	PK	36.3	-24.3	0	39.16	-	-	-	-	68.2	-29.04	0-360	250	H
3	*11.224	26.6	PK	38.4	-22.5	0	42.5	-	-	74	-31.5	-	-	0-360	150	H
5	16.835	25.2	PK	41.5	-18.4	0	48.3	-	-	-	-	68.2	-19.9	0-360	250	H
2	8.56	27.16	PK	36.3	-24.3	0	39.16	-	-	-	-	68.2	-29.04	0-360	250	V
4	*11.22	26.2	PK	38.4	-22.5	0	42.1	-	-	74	-31.9	-	-	0-360	150	V
6	16.833	25.56	PK	41.5	-18.4	0	48.66	-	-	-	-	68.2	-19.54	0-360	250	V

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

PK – Peak Detector

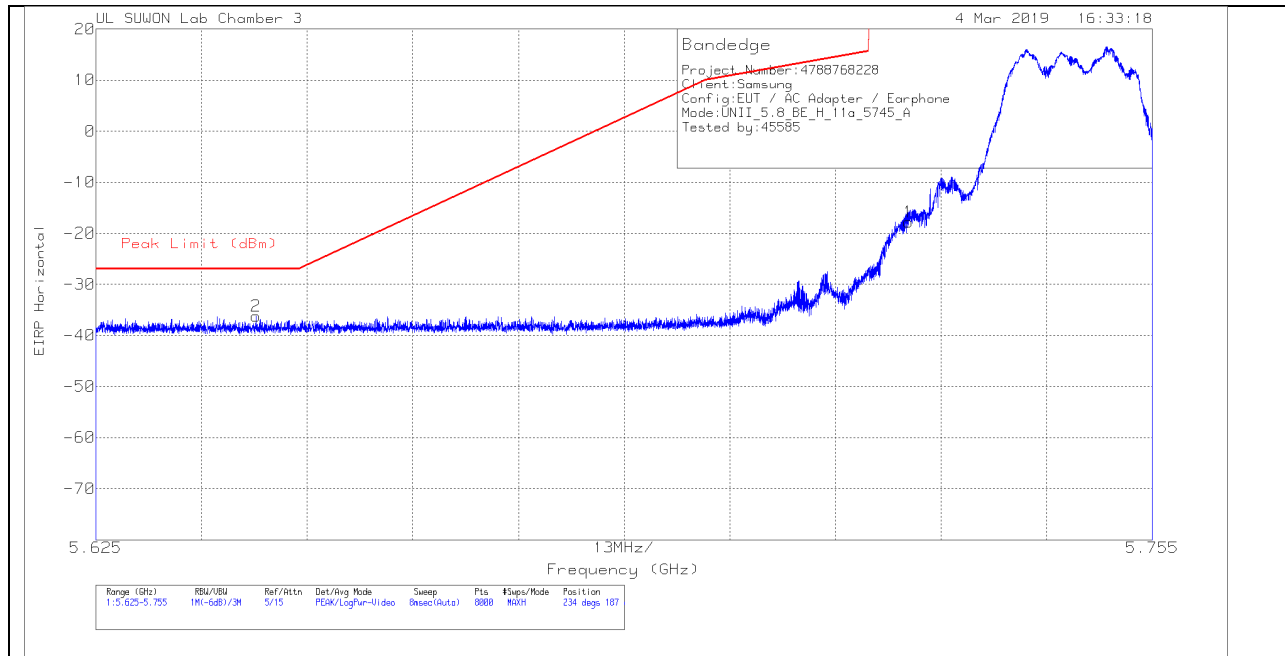
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.4. 5.8 GHz

11.4.1. TX ABOVE 1GHz 802.11a 2Tx CDD MODE IN THE 5.8GHz BAND

BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



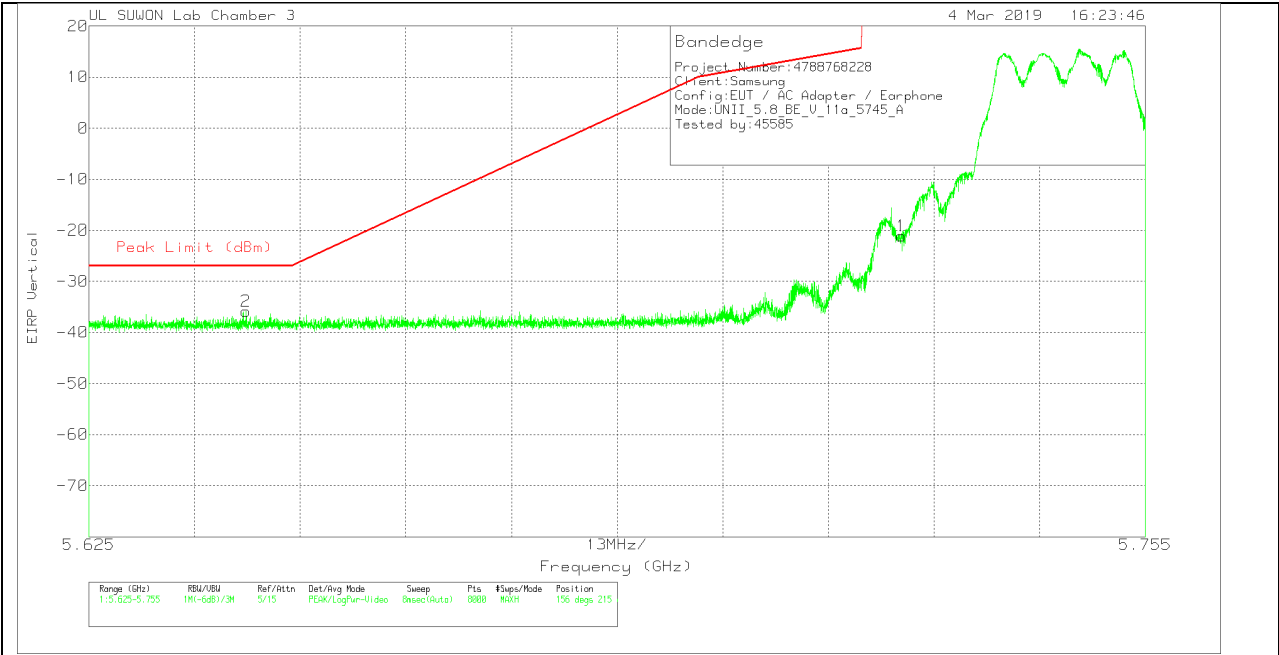
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-46.44	Pk	34.8	-17.9	11.8	0	-17.74	278.95	-296.69	234	187	H
2	5.645	-64.56	Pk	34.7	-18.2	11.8	0	-36.26	-27	-9.26	234	187	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

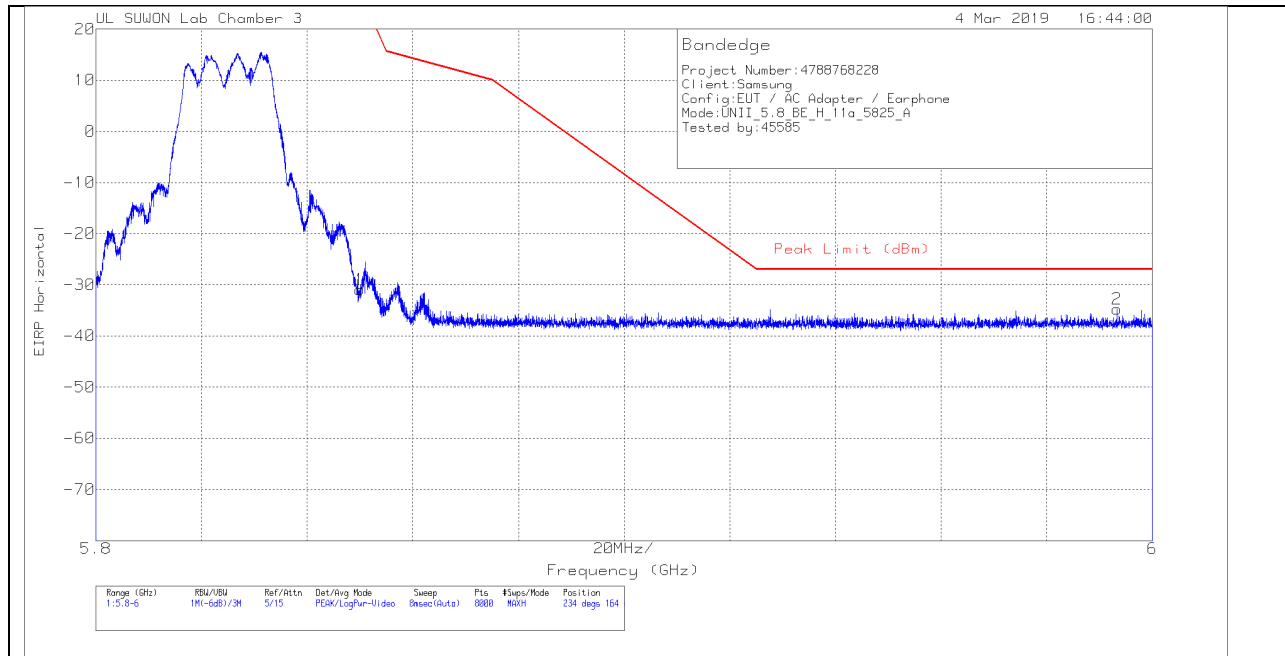
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-49.78	Pk	34.8	-17.9	11.8	0	-21.08	278.95	-300.03	156	215	V
2	5.644	-64.14	Pk	34.7	-18.2	11.8	0	-35.84	-27	-8.84	156	215	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



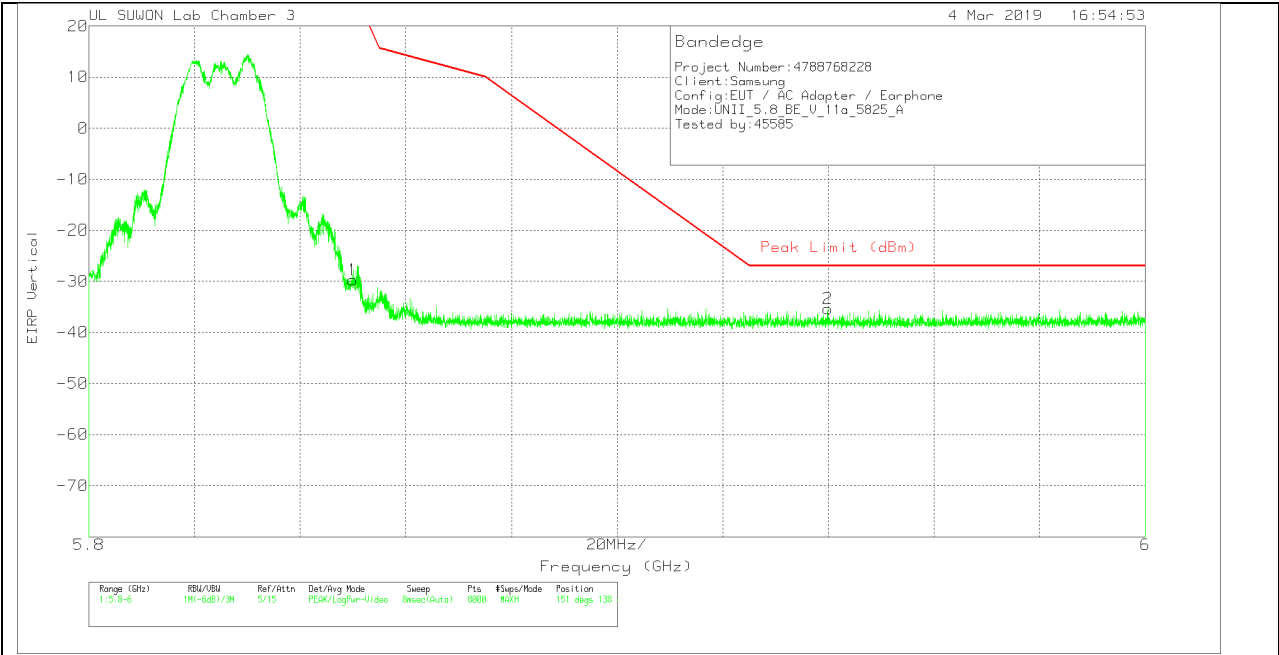
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-59.98	Pk	35	-17.7	11.8	0	-30.88	26.99	-57.87	234	164	H
2	5.993	-63.96	Pk	35.1	-17.7	11.8	0	-34.76	-27	-7.76	234	164	H

Pk - Peak detector

VERTICAL PEAK PLOT



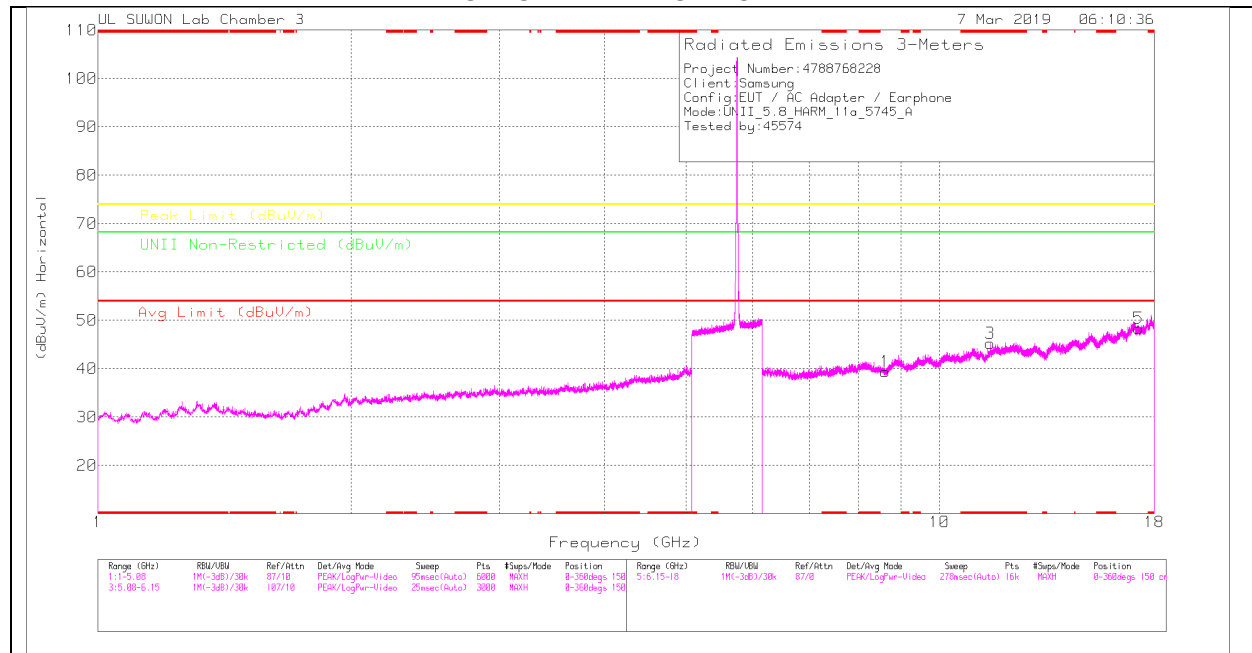
VERTICAL DATA

Trace Markers

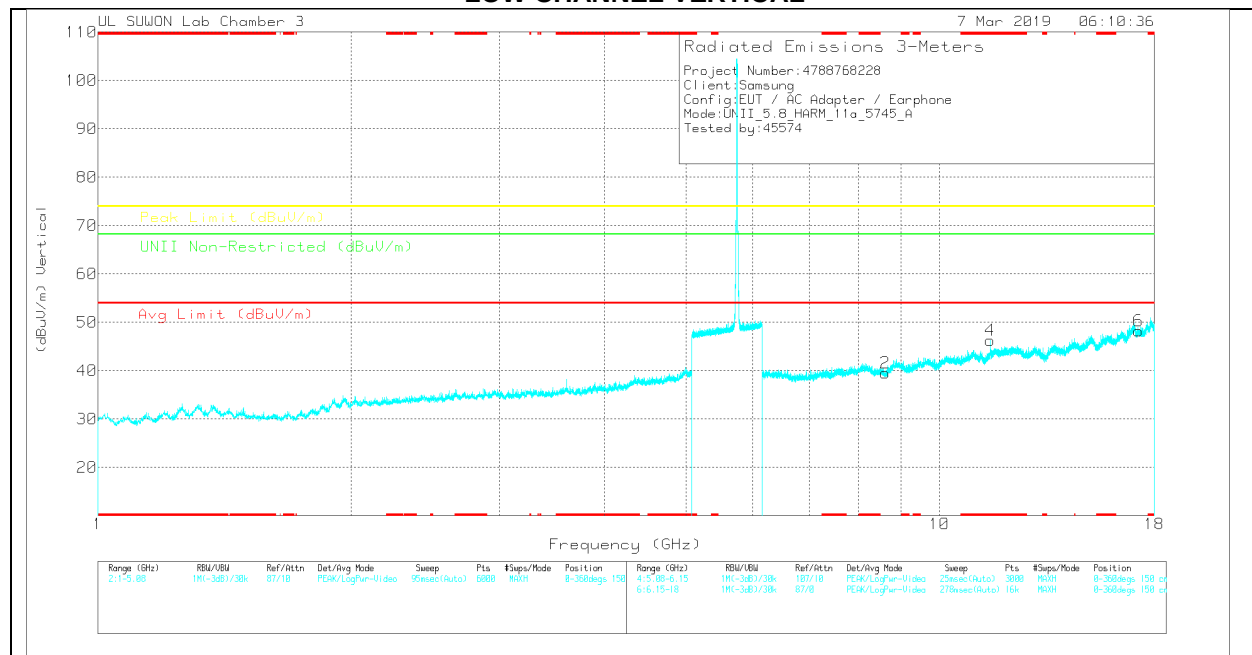
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-58.84	Pk	35	-17.7	11.8	0	-29.74	26.99	-56.73	151	138	V
2	5.94	-64.6	Pk	35.1	-17.7	11.8	0	-35.4	-27	-8.4	151	138	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	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	8.617	24.71	PK	36.3	-21.6	0	39.41	-	-	-	-	68.2	-28.79	0-360	250	H
3	*11.492	26.24	PK	38.5	-19.5	0	45.24	-	-	74	-28.76	-	-	0-360	250	H
5	17.234	22.3	PK	41.3	-15.2	0	48.4	-	-	-	-	68.2	-19.8	0-360	250	H
2	8.618	24.68	PK	36.3	-21.5	0	39.48	-	-	-	-	68.2	-28.72	0-360	250	V
4	*11.491	27.27	PK	38.5	-19.5	0	46.27	-	-	74	-27.73	-	-	0-360	250	V
6	17.236	22.13	PK	41.3	-15.2	0	48.23	-	-	-	-	68.2	-19.97	0-360	150	V

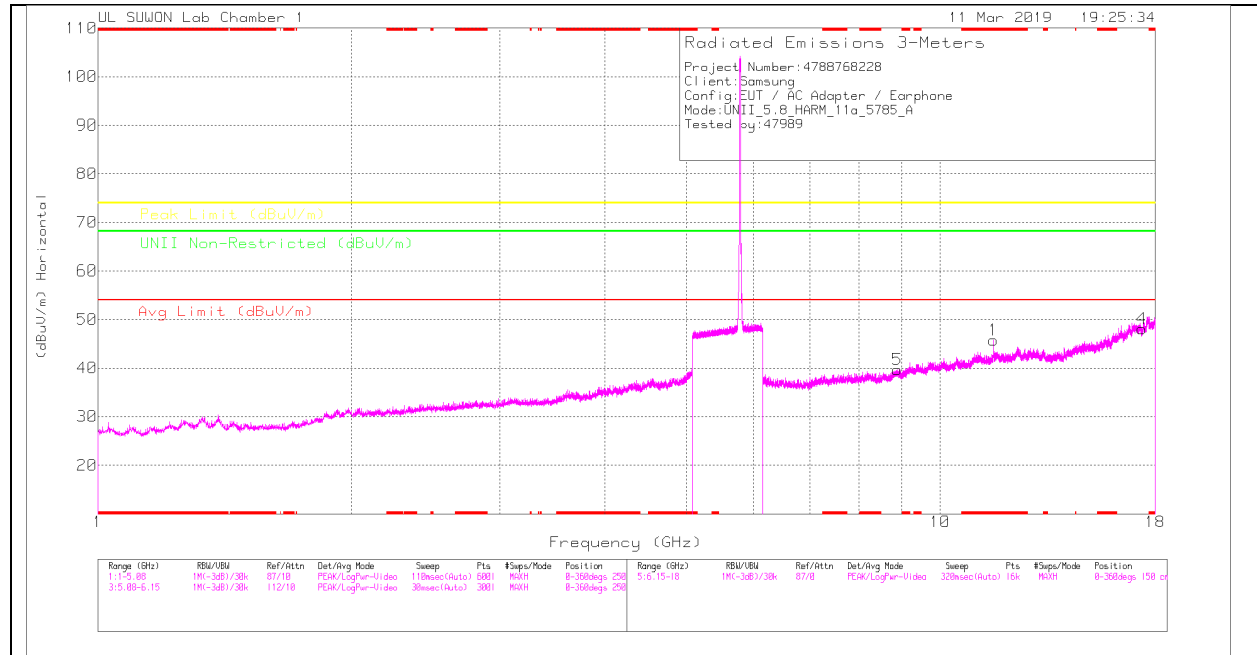
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

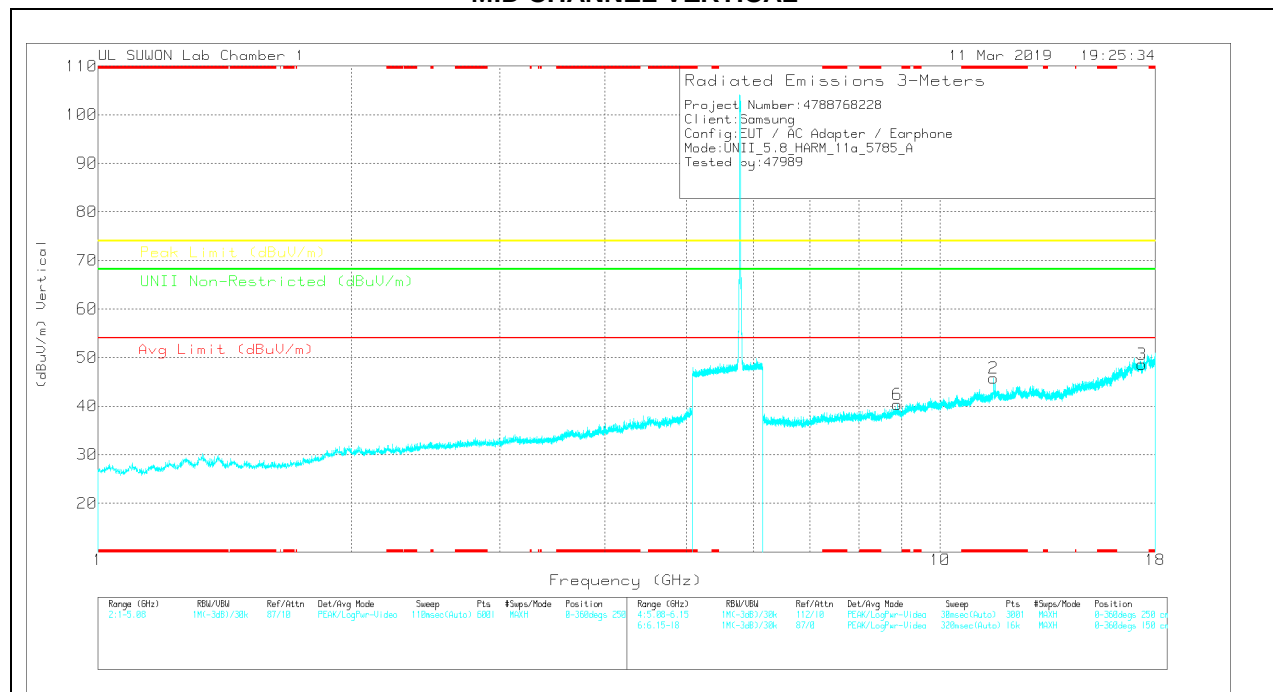
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
*11.49	32.11	PK-U	38.5	-19.5	0	51.11	-	-	74	-22.89	-	-	183	106	H
*11.483	23.96	ADR	38.5	-19.6	0	42.86	54	-11.14	-	-	-	-	183	106	H
*11.492	34.16	PK-U	38.5	-19.6	0	53.06	-	-	74	-20.94	-	-	187	205	V
*11.496	25.18	ADR	38.5	-19.5	0	44.18	54	-9.82	-	-	-	-	187	205	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)	Motor Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.568	29.63	PK	38.6	-22.5	0	45.73	-	-	74	-28.27	-	-	0-360	150	H
4	17.353	24.44	PK	41.2	-17.6	0	48.04	-	-	-	-	68.2	-20.16	0-360	150	H
5	8.894	27.12	PK	36.5	-23.9	0	39.72	-	-	-	-	68.2	-28.48	0-360	150	H
2	* 11.572	29.65	PK	38.6	-22.5	0	45.75	-	-	74	-28.25	-	-	0-360	250	V
3	17.352	24.98	PK	41.2	-17.6	0	48.58	-	-	-	-	68.2	-19.62	0-360	150	V
6	8.897	27.71	PK	36.5	-23.9	0	40.31	-	-	-	-	68.2	-27.89	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

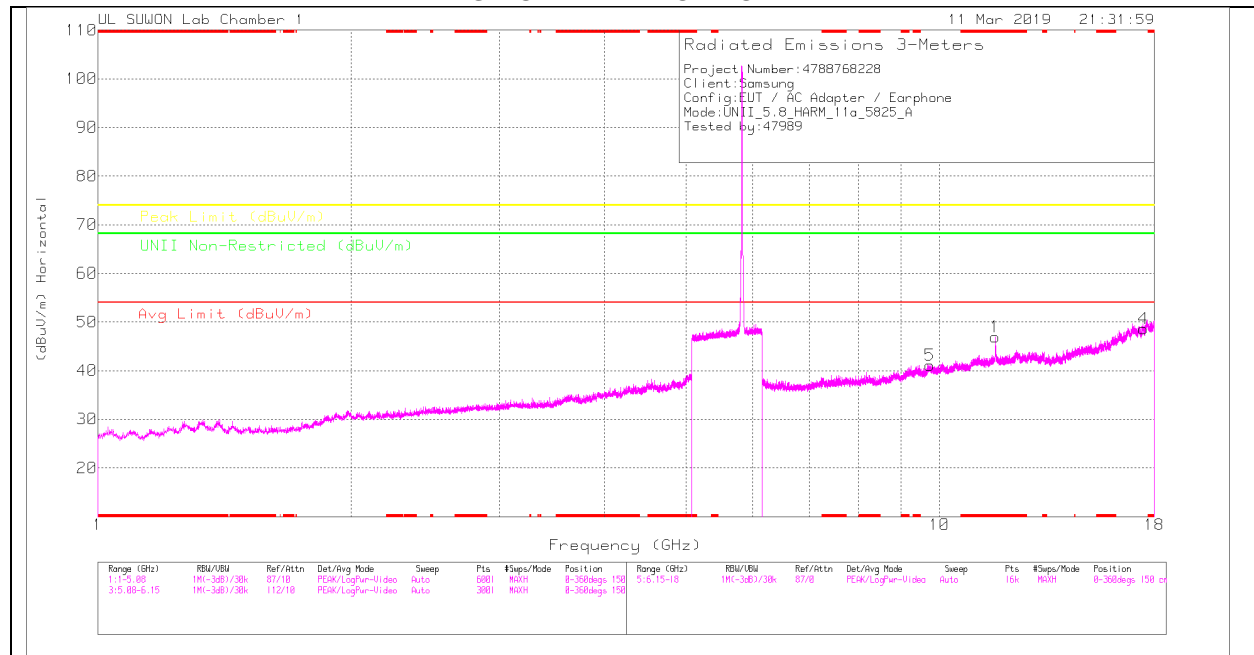
Frequency (GHz)	Motor Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.569	39.52	PK-U	38.6	-22.5	0	55.62	-	-	74	-18.38	-	-	87	157	H
* 11.569	27.57	ADR	38.6	-22.5	0	43.67	54	-10.33	-	-	-	-	87	157	H
* 11.57	40.77	PK-U	38.6	-22.5	0	56.87	-	-	74	-17.13	-	-	233	161	V
* 11.569	28.77	ADR	38.6	-22.5	0	44.87	54	-9.13	-	-	-	-	233	161	V

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

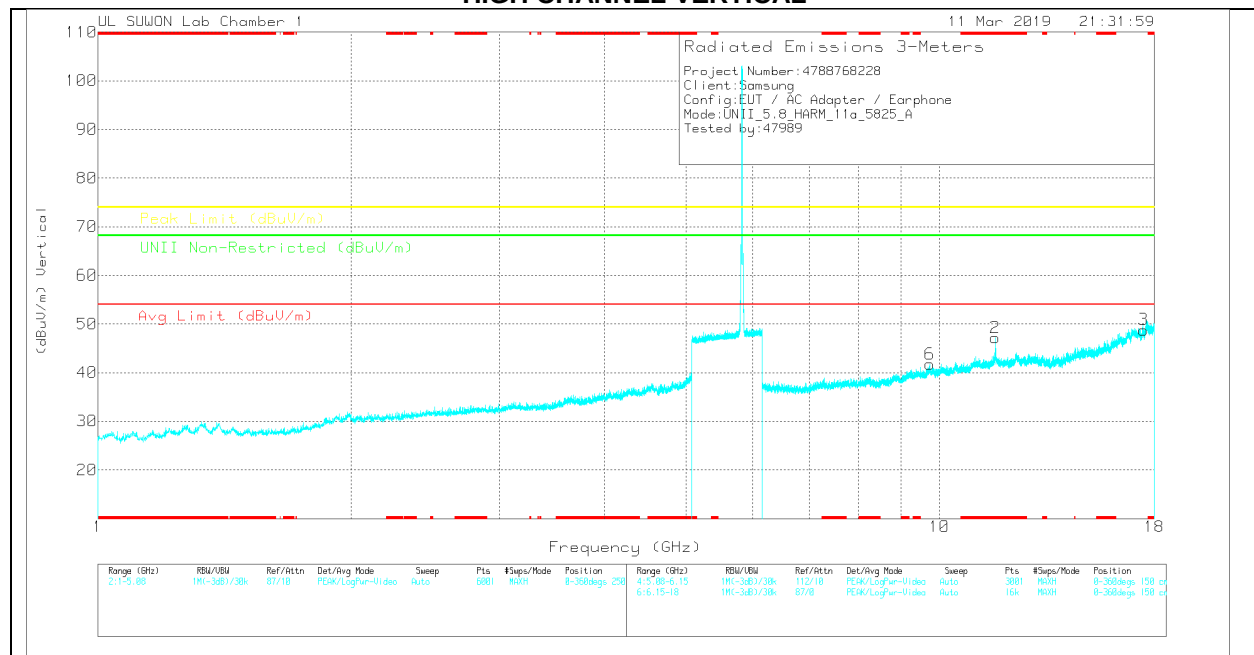
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	*11.653	29.82	PK	38.7	-21.6	0	46.92	-	-	74	-27.08	-	-	0-360	150	H
4	17.478	23.89	PK	41.2	-16.5	0	48.59	-	-	-	-	68.2	-19.61	0-360	250	H
5	9.747	26.85	PK	37.2	-22.9	0	41.15	-	-	-	-	68.2	-27.05	0-360	150	H
2	*11.653	30.03	PK	38.7	-21.6	0	47.13	-	-	74	-26.87	-	-	0-360	250	V
3	17.473	24.1	PK	41.2	-16.5	0	48.8	-	-	-	-	68.2	-19.4	0-360	250	V
6	9.742	27.43	PK	37.2	-22.9	0	41.73	-	-	-	-	68.2	-26.47	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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
*11.649	40.12	PK-U	38.7	-21.7	0	57.12	-	-	74	-16.88	-	-	88	147	H
*11.649	27.9	ADR	38.7	-21.7	0	44.9	54	-9.1	-	-	-	-	88	147	H
*11.65	41.41	PK-U	38.7	-21.7	0	58.41	-	-	74	-15.59	-	-	232	162	V
*11.65	29.42	ADR	38.7	-21.7	0	46.42	54	-7.58	-	-	-	-	232	162	V

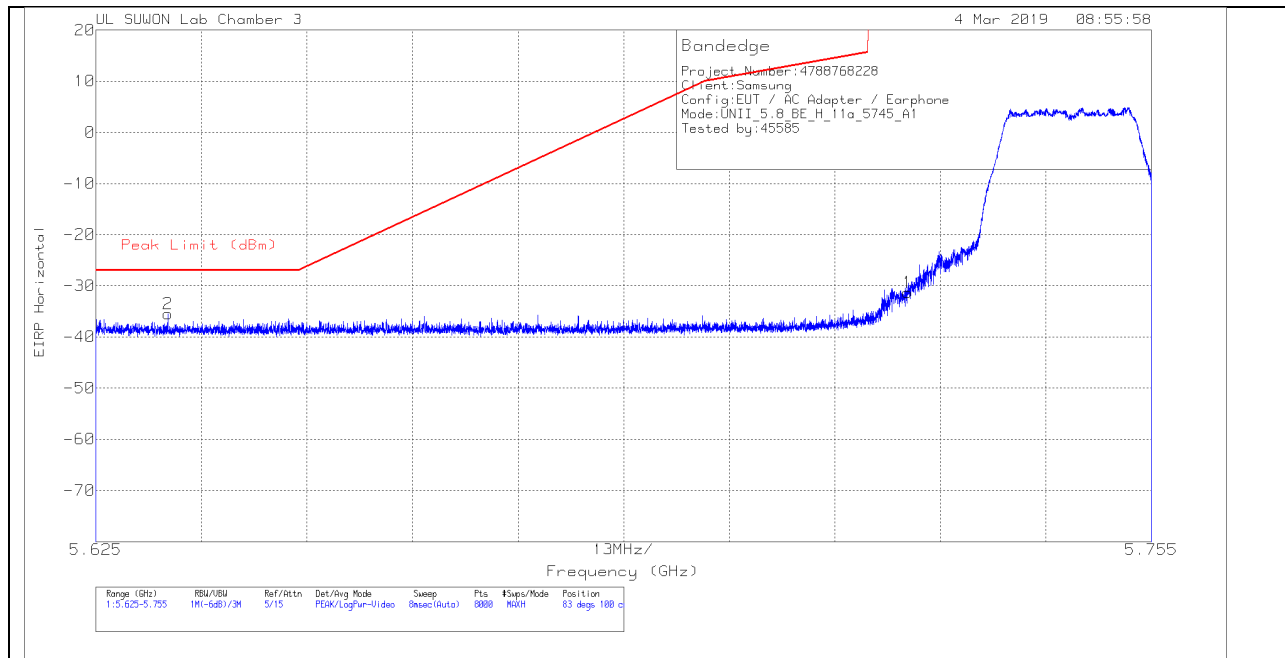
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.4.2.TX ABOVE 1GHz 802.11a 1Tx ANT1 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



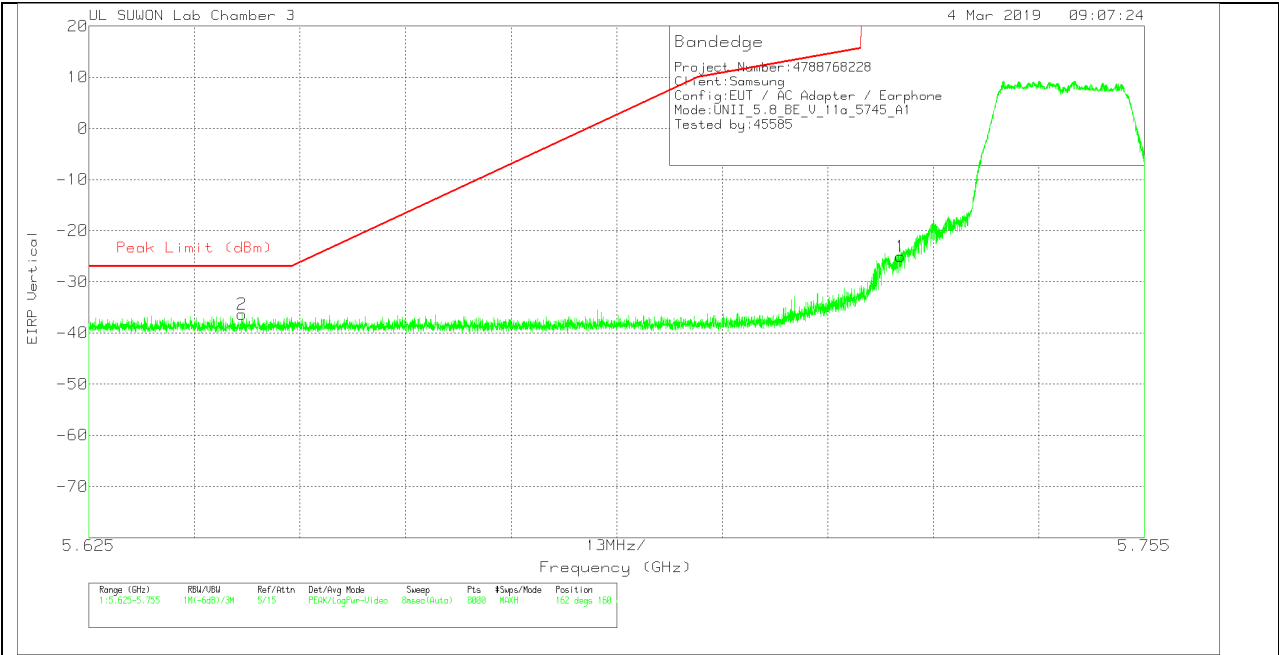
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-60.02	Pk	34.8	-17.9	11.8	0	-31.32	278.95	-310.27	83	100	H
2	5.634	-63.63	Pk	34.7	-18.3	11.8	0	-35.43	-27	-8.43	83	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

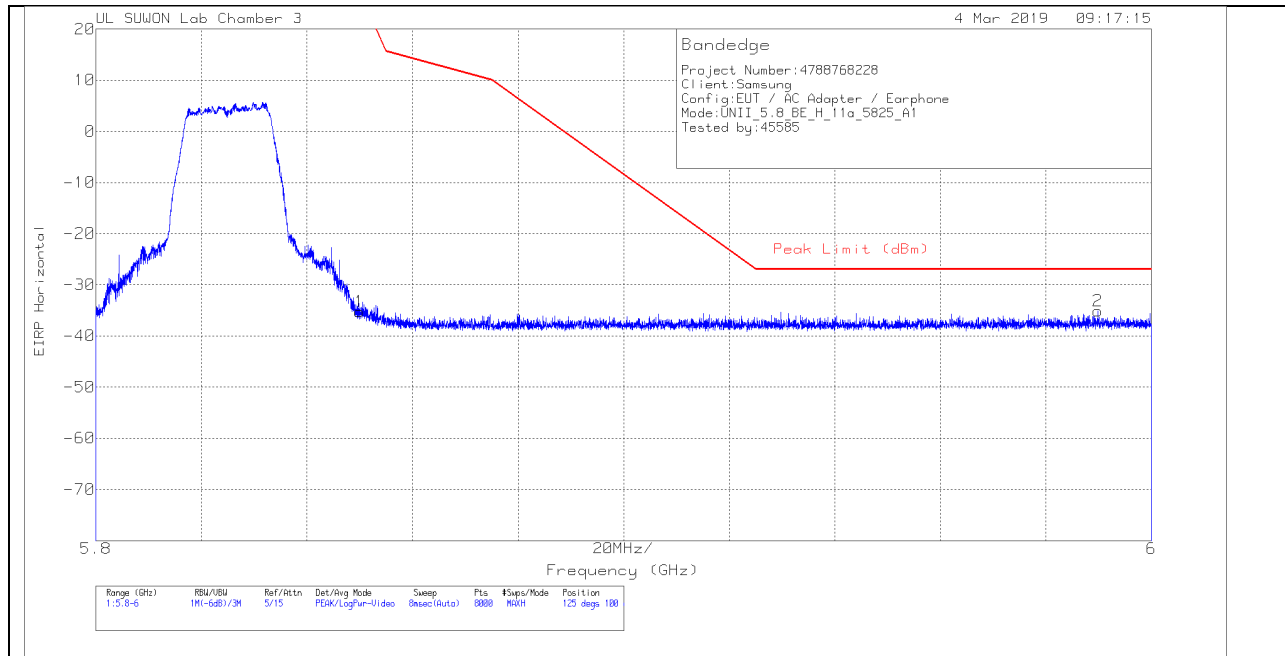
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-53.79	Pk	34.8	-17.9	11.8	0	-25.09	278.95	-304.04	162	160	V
2	5.644	-64.61	Pk	34.7	-18.2	11.8	0	-36.31	-27	-9.31	162	160	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



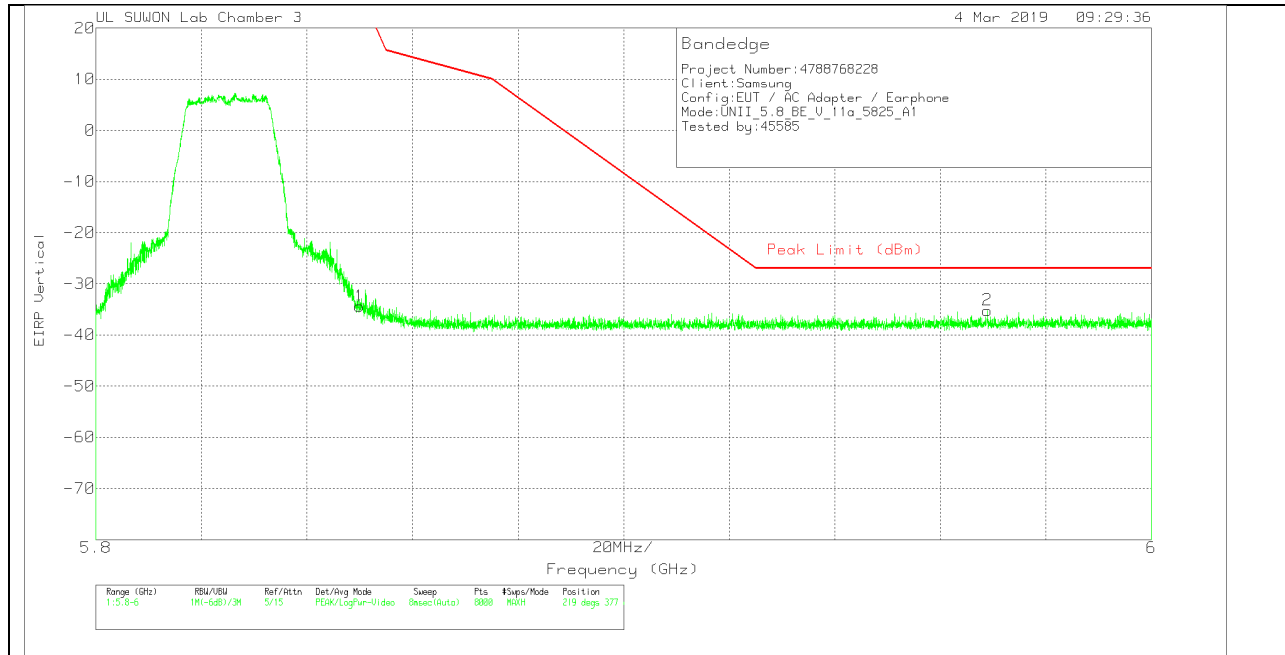
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.37	Pk	35	-17.7	11.8	0	-35.27	26.99	-62.26	125	100	H
2	5.99	-64.46	Pk	35.1	-17.6	11.8	0	-35.16	-27	-8.16	125	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



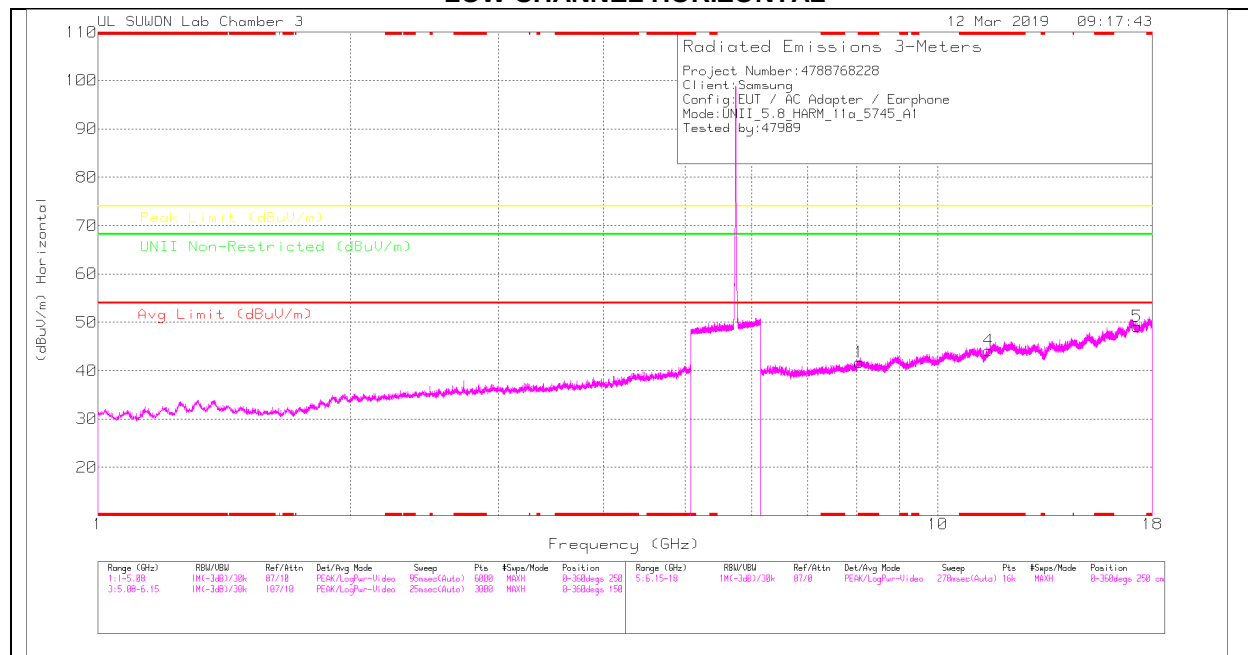
VERTICAL DATA

Trace Markers

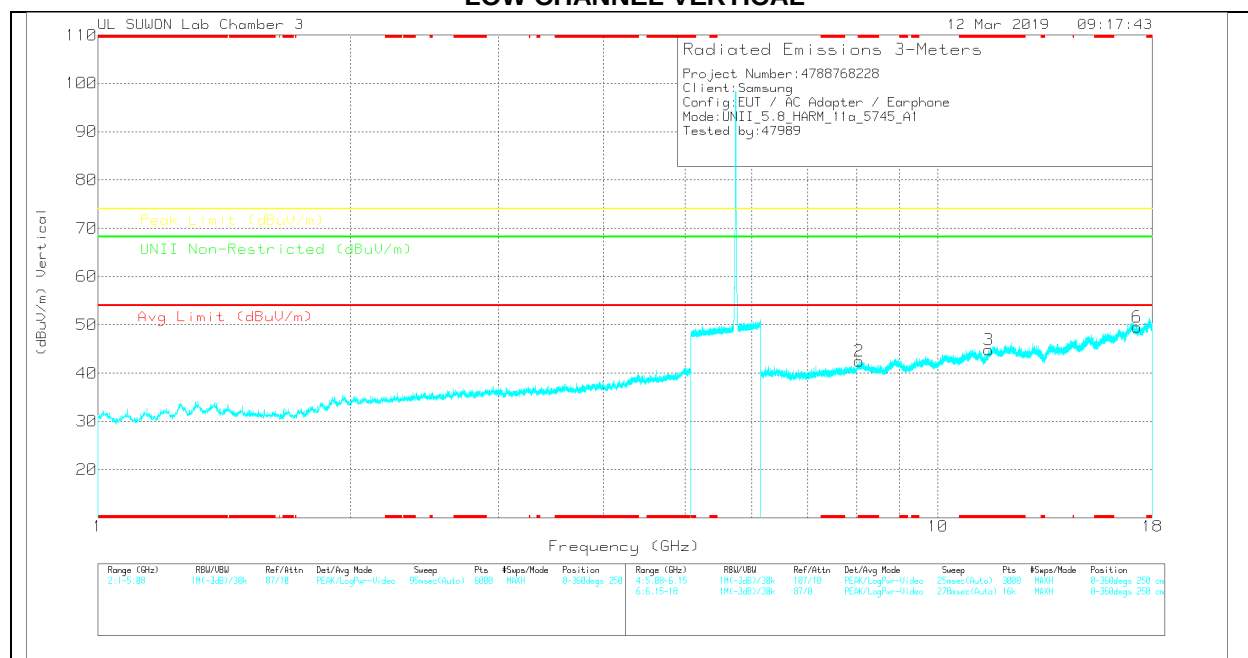
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.46	Pk	35	-17.7	11.8	0	-34.36	26.99	-61.35	219	377	V
2	5.969	-64.37	Pk	35.1	-17.7	11.8	0	-35.17	-27	-8.17	219	377	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

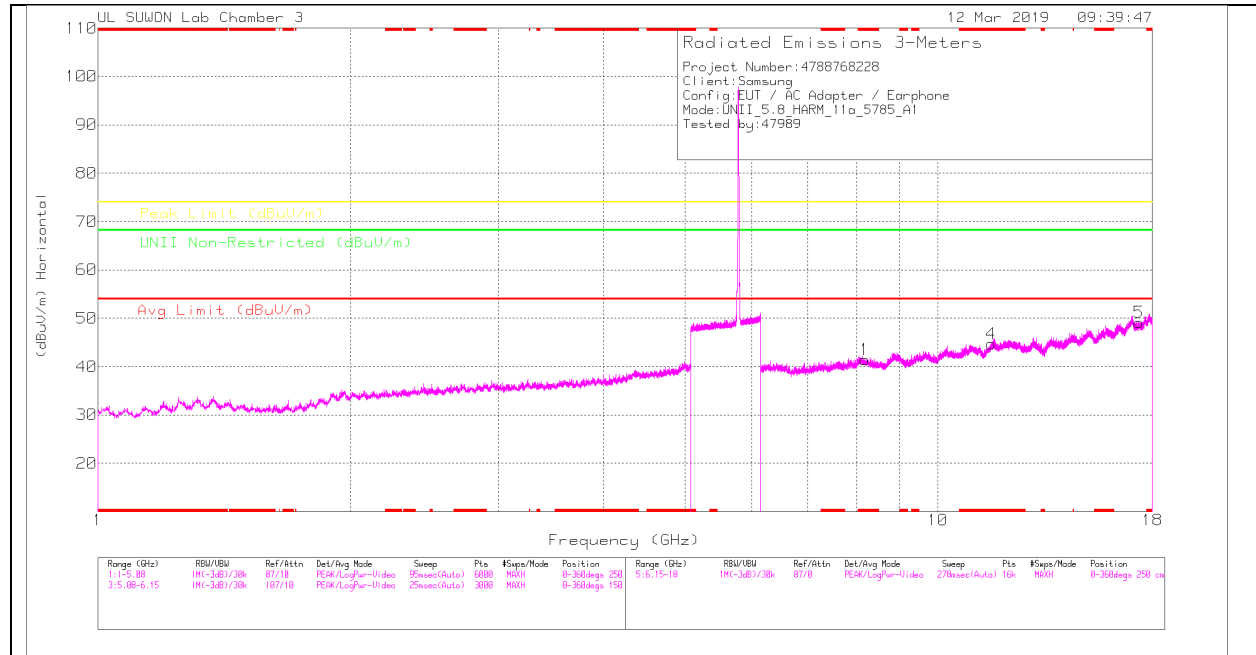
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00205059	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.066	28.02	PK	36.2	-22.5	0	41.72	-	-	74	-32.28	-	-	0-360	250	H
4	* 11.494	25.16	PK	38.5	-19.5	0	44.16	-	-	74	-29.84	-	-	0-360	150	H
5	17.265	22.85	PK	41.3	-15	0	49.15	-	-	-	-	68.2	-19.05	0-360	250	H
2	* 8.065	28.85	PK	36.2	-22.6	0	42.45	-	-	74	-31.55	-	-	0-360	150	V
3	* 11.492	25.92	PK	38.5	-19.6	0	44.82	-	-	74	-29.18	-	-	0-360	250	V
6	17.256	23.18	PK	41.3	-15	0	49.48	-	-	-	-	68.2	-18.72	0-360	150	V

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

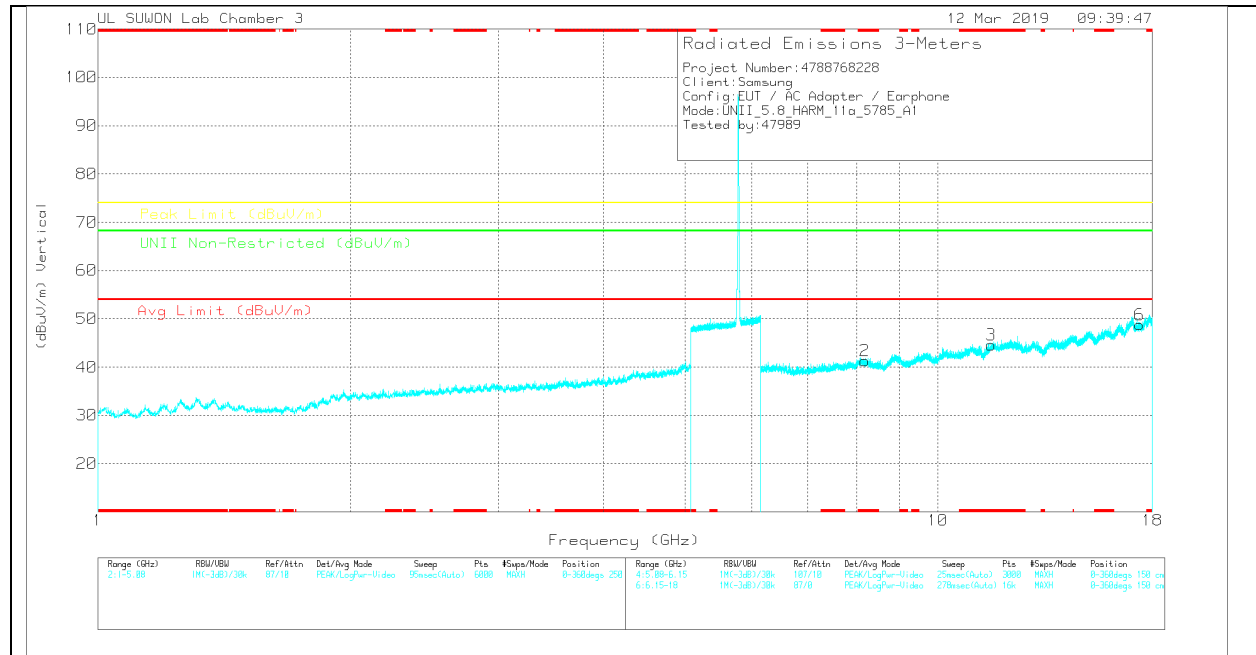
PK – Peak Detector

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

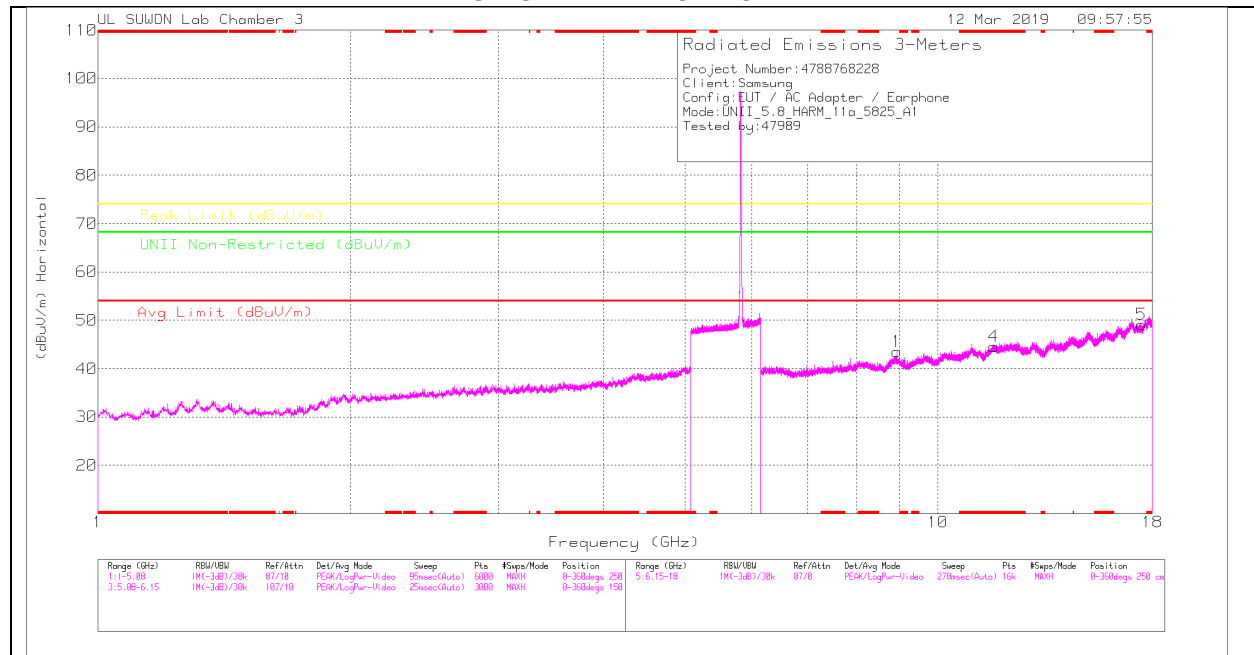
Marker	Frequency (GHz)	Motor Reading (dBuV)	Det	3117_0020959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.185	26.86	PK	36.3	-21.7	0	41.46	-	-	74	-32.54	-	-	0-360	150	H
4	* 11.572	25.86	PK	38.6	-19.7	0	44.76	-	-	74	-29.24	-	-	0-360	250	H
5	17.359	23.31	PK	41.2	-15.4	0	49.11	-	-	-	-	68.2	-19.09	0-360	250	H
2	* 8.188	26.78	PK	36.3	-21.8	0	41.28	-	-	74	-32.72	-	-	0-360	150	V
3	* 11.576	25.7	PK	38.6	-19.7	0	44.6	-	-	74	-29.4	-	-	0-360	250	V
6	17.365	23.01	PK	41.2	-15.4	0	48.81	-	-	-	-	68.2	-19.39	0-360	250	V

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

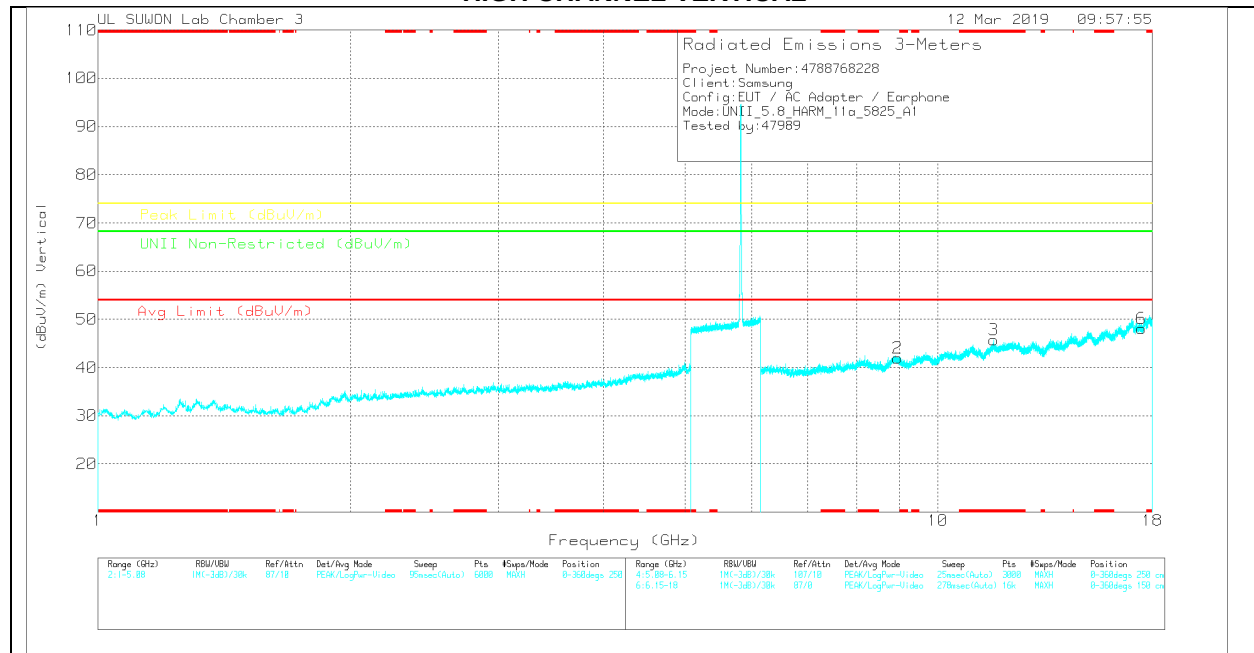
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00305959	60Hz_HR(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	8.942	27.89	PK	36.6	-21	0	43.49	-	-	-	-	68.2	-24.71	0-360	250	H
4	*11.654	25.47	PK	38.7	-19.6	0	44.57	-	-	74	-29.43	-	-	0-360	150	H
5	17.477	22.82	PK	41.2	-14.9	0	49.12	-	-	-	-	68.2	-19.08	0-360	150	H
2	8.946	26.41	PK	36.6	-21	0	42.01	-	-	-	-	68.2	-26.19	0-360	150	V
3	*11.654	26.69	PK	38.7	-19.6	0	45.79	-	-	74	-28.21	-	-	0-360	250	V
6	17.467	21.75	PK	41.2	-14.9	0	48.05	-	-	-	-	68.2	-20.15	0-360	150	V

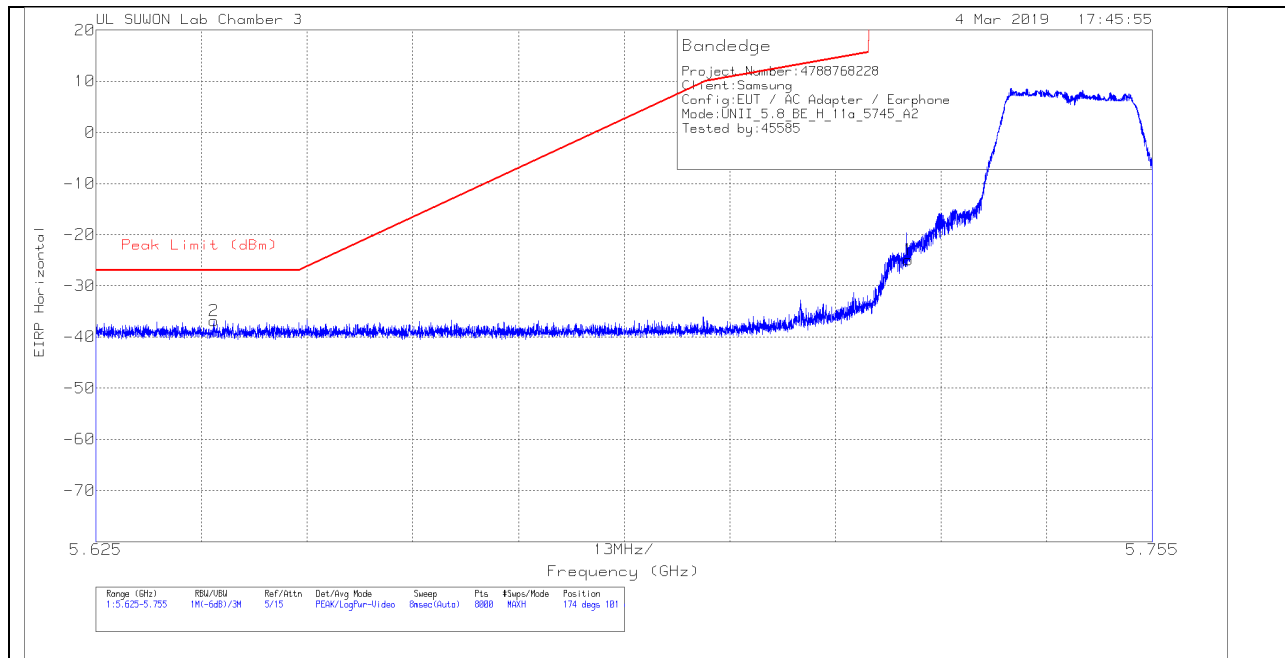
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.4.3.TX ABOVE 1GHz 802.11a 1Tx ANT2 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



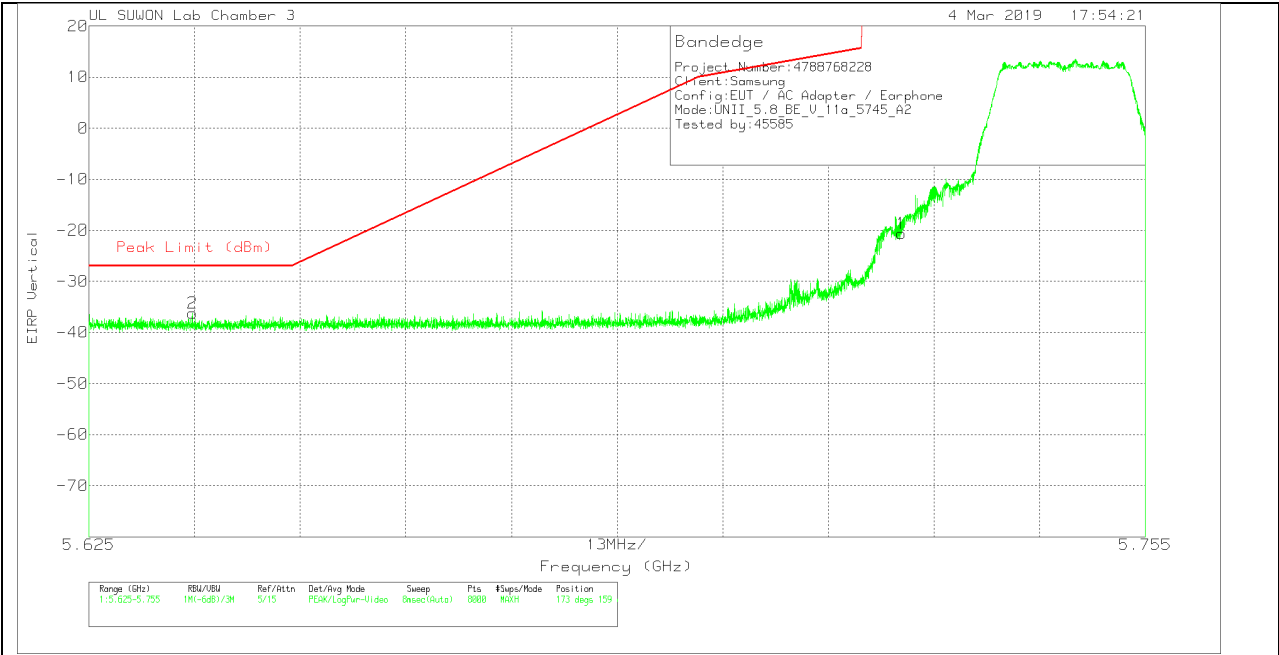
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-53.66	Pk	34.8	-17.9	11.8	0	-24.96	278.95	-303.91	174	101	H
2	5.64	-64.98	Pk	34.7	-18.3	11.8	0	-36.78	-27	-9.78	174	101	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

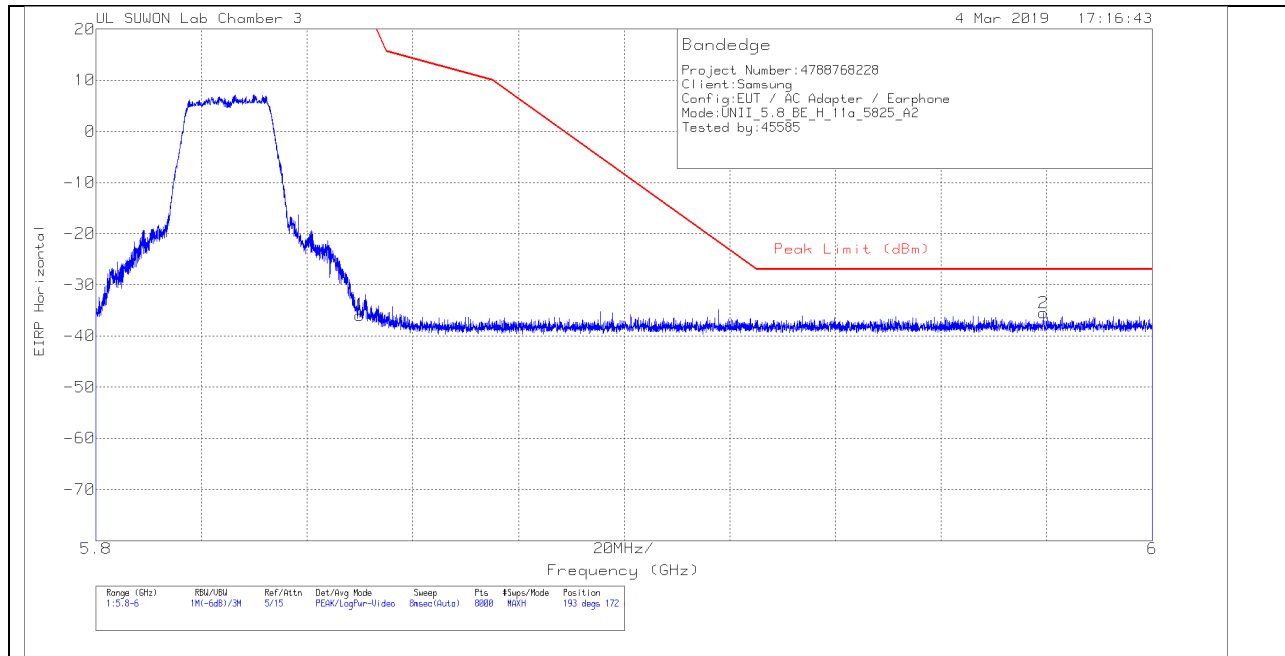
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-49.3	Pk	34.8	-17.9	11.8	0	-20.6	278.95	-299.55	173	159	V
2	5.638	-64.39	Pk	34.7	-18.3	11.8	0	-36.19	-27	-9.19	173	159	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK PLOT



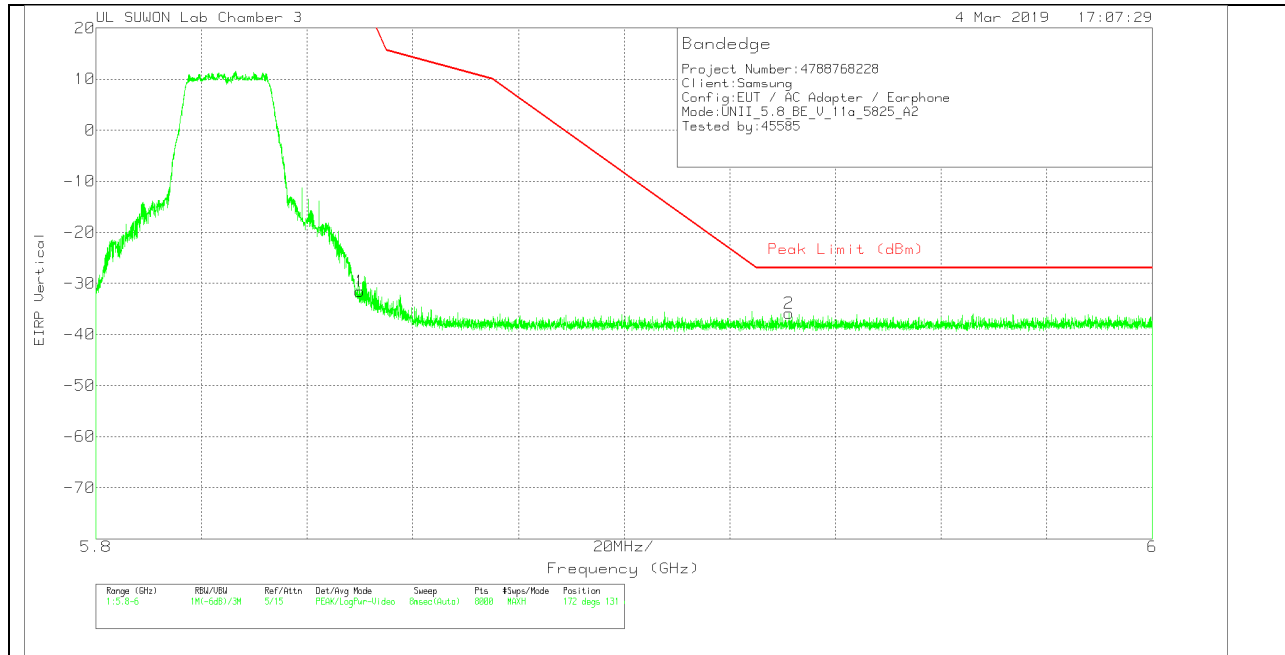
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.01	Pk	35	-17.7	11.8	0	-35.91	26.99	-62.9	193	172	H
2	5.979	-64.73	Pk	35.1	-17.7	11.8	0	-35.53	-27	-8.53	193	172	H

Pk - Peak detector

VERTICAL PEAK PLOT



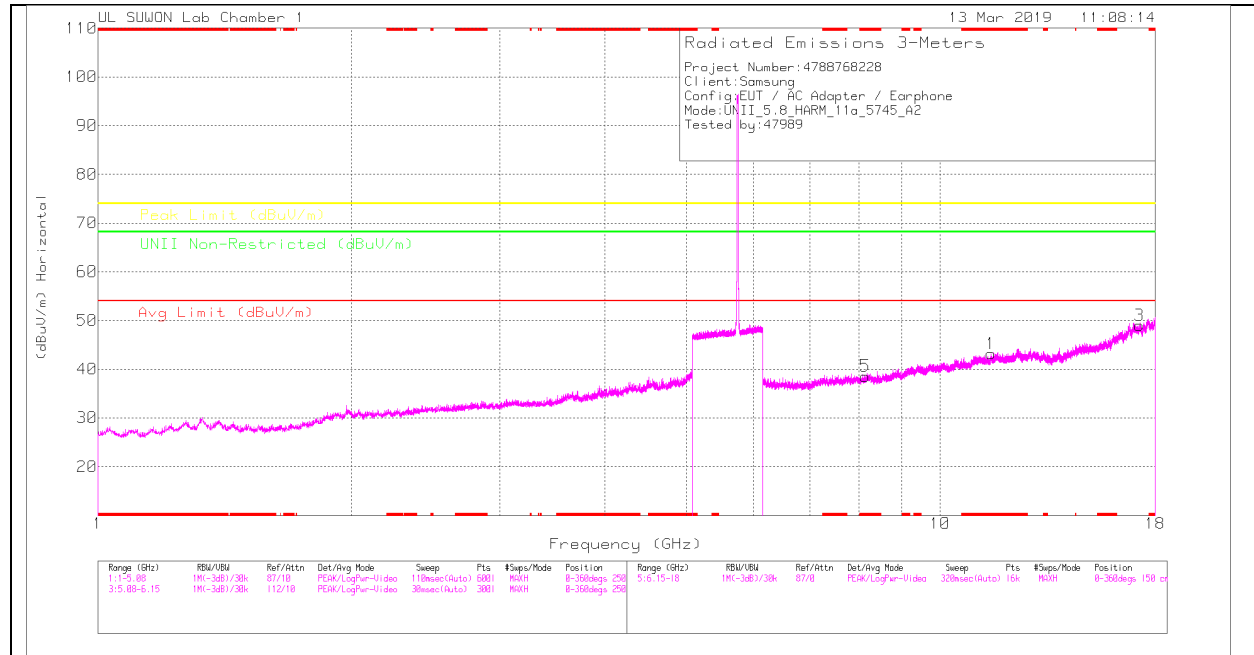
VERTICAL DATA

Trace Markers

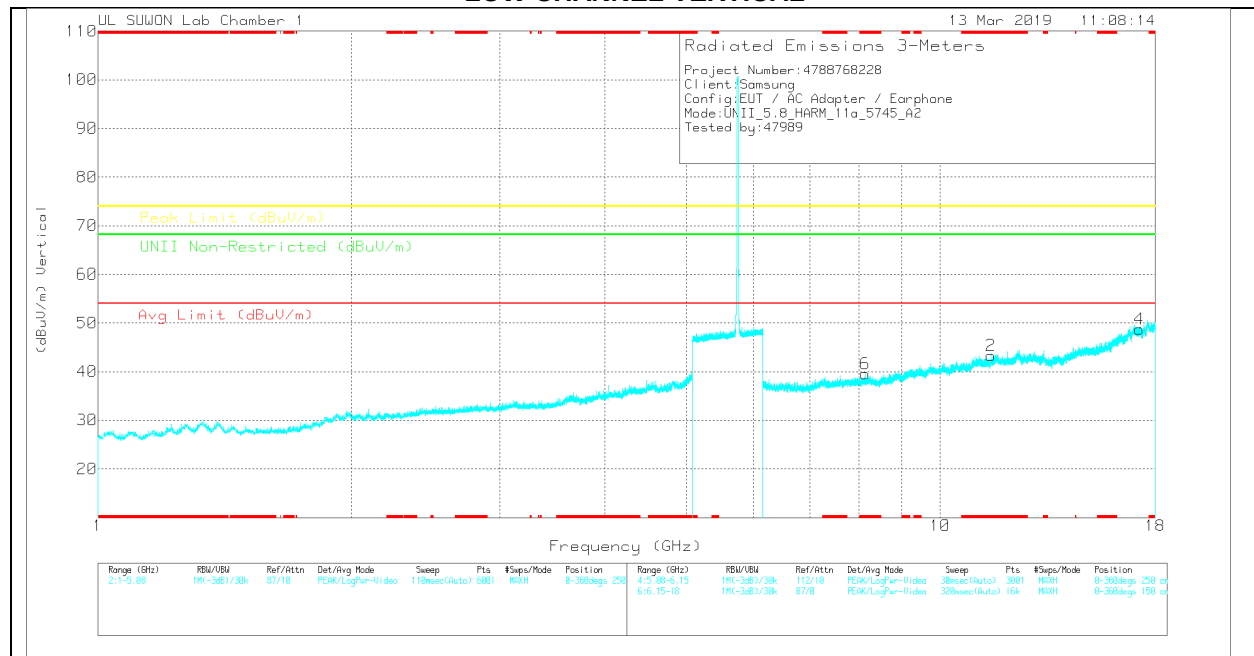
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-60.6	Pk	35	-17.7	11.8	0	-31.5	26.99	-58.49	172	131	V
2	5.931	-65.04	Pk	35.1	-17.7	11.8	0	-35.84	-27	-8.84	172	131	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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)	Altitude (Degs)	Height (cm)	Polarity
1	*11.486	27.02	PK	38.5	-22.3	0	43.22	-	-	74	-30.78	-	-	0-360	250	H
3	17.231	24.55	PK	41.3	-16.8	0	49.05	-	-	-	-	68.2	-19.15	0-360	150	H
5	*8.149	28.68	PK	36.3	-26.4	0	38.58	-	-	74	-35.42	-	-	0-360	150	H
2	*11.488	27.05	PK	38.5	-22.3	0	43.25	-	-	74	-30.75	-	-	0-360	250	V
4	17.235	24.17	PK	41.3	-16.7	0	48.77	-	-	-	-	68.2	-19.43	0-360	250	V
6	*8.147	29.55	PK	36.3	-26.3	0	39.55	-	-	74	-34.45	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

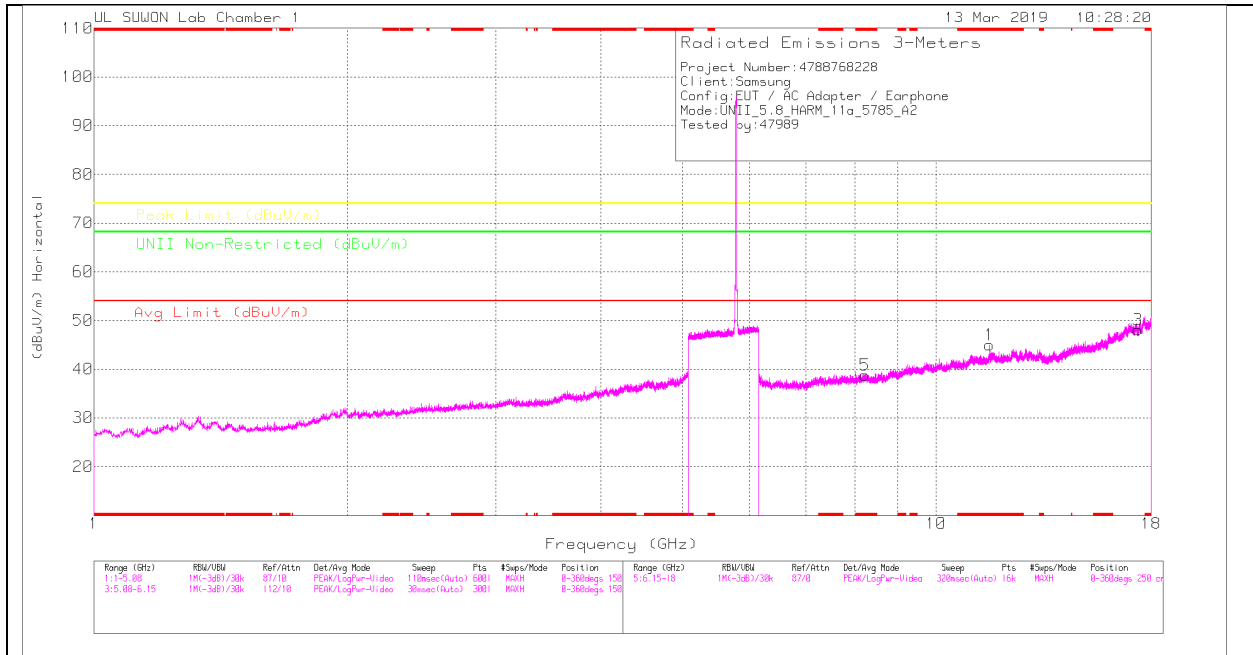
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
*11.49	39.05	PK-U	38.5	-22.3	0	55.25	-	-	74	-18.75	-	-	170	299	H
*11.491	26.86	ADR	38.5	-22.3	0	43.06	54	-10.94	-	-	-	-	170	299	H
*11.497	39.06	PK-U	38.5	-22.3	0	55.26	-	-	74	-18.74	-	-	201	179	V
*11.491	26.18	ADR	38.5	-22.3	0	42.38	54	-11.62	-	-	-	-	201	179	V

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

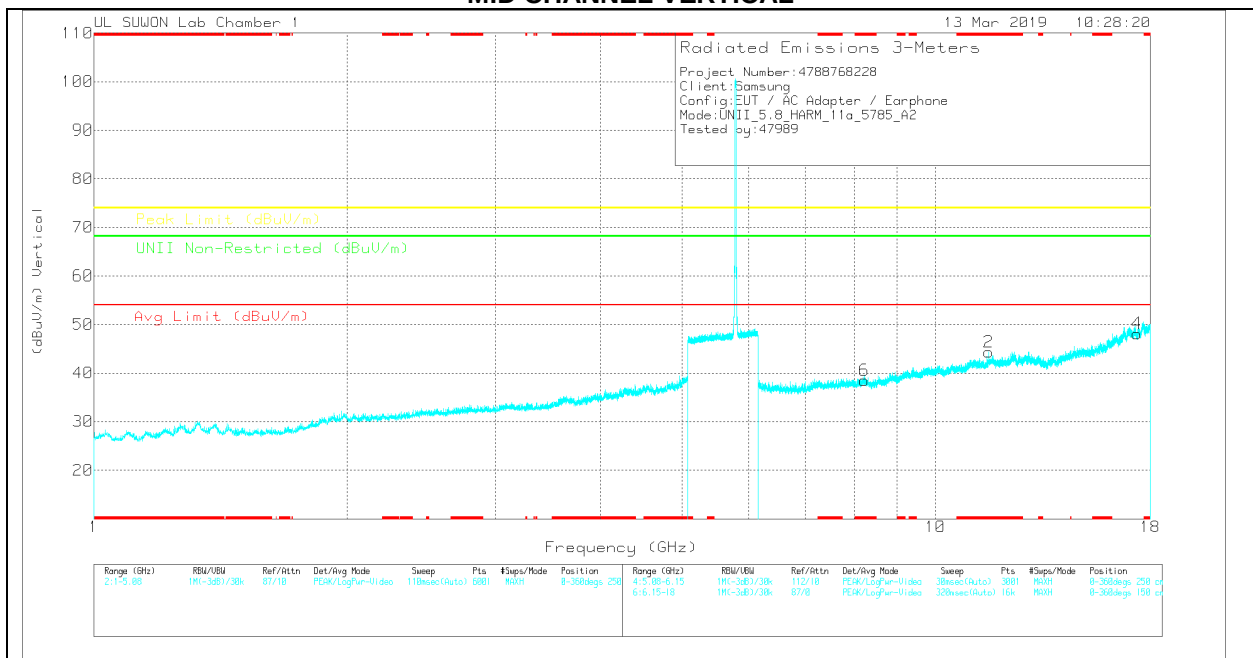
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.571	28.89	PK	38.6	-22.5	0	44.99	-	-	74	-29.01	-	-	0-360	150	H
3	17.351	24.38	PK	41.2	-17.5	0	48.08	-	-	-	-	68.2	-20.12	0-360	150	H
5	* 8.23	27.88	PK	36.4	-25.5	0	38.78	-	-	74	-35.22	-	-	0-360	150	H
2	* 11.573	28.21	PK	38.6	-22.5	0	44.31	-	-	74	-29.69	-	-	0-360	250	V
4	17.353	24.55	PK	41.2	-17.6	0	48.15	-	-	-	-	68.2	-20.05	0-360	150	V
6	* 8.227	27.63	PK	36.4	-25.5	0	38.53	-	-	74	-35.47	-	-	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

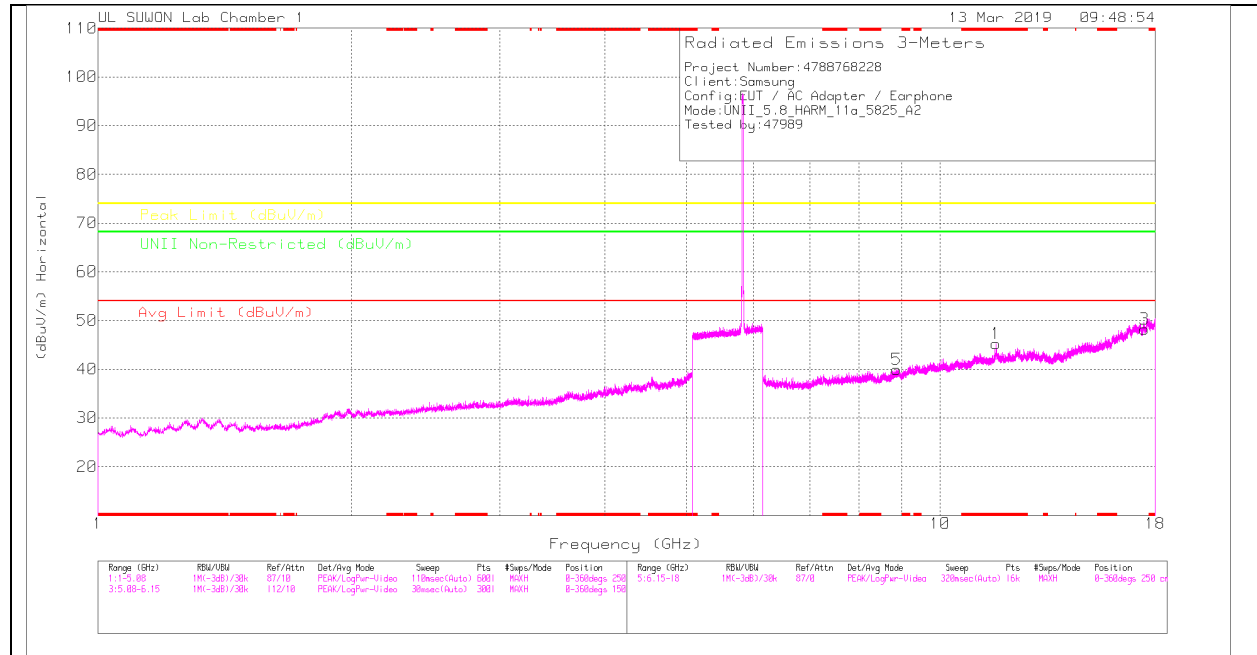
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.569	39.37	PK-U	38.6	-22.5	0	55.47	-	-	74	-18.53	-	-	153	180	H
* 11.571	27.17	ADR	38.6	-22.5	0	43.27	54	-10.73	-	-	-	-	153	180	H
* 11.577	38.65	PK-U	38.6	-22.5	0	54.75	-	-	74	-19.25	-	-	203	175	V
* 11.572	26.26	ADR	38.6	-22.5	0	42.36	54	-11.64	-	-	-	-	203	175	V

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

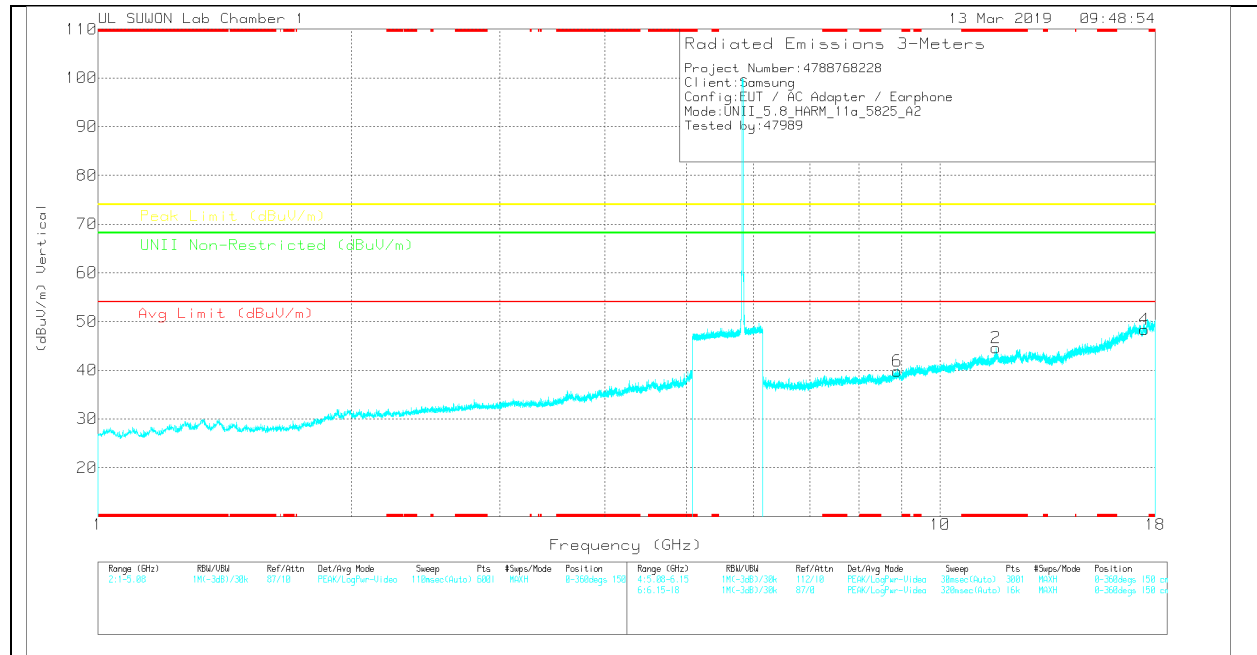
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unlt Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	*11.652	28.19	PK	38.7	-21.6	0	45.29	-	-	74	-28.71	-	-	0-360	150	H
3	17.475	23.46	PK	41.2	-16.5	0	48.16	-	-	-	-	68.2	-20.04	0-360	250	H
5	8.883	27.45	PK	36.5	-24	0	39.95	-	-	-	-	68.2	-28.25	0-360	150	H
2	*11.651	27.53	PK	38.7	-21.6	0	44.63	-	-	74	-29.37	-	-	0-360	150	V
4	17.475	23.6	PK	41.2	-16.5	0	48.3	-	-	-	-	68.2	-19.9	0-360	250	V
6	8.885	27.32	PK	36.5	-24	0	39.82	-	-	-	-	68.2	-28.38	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unlt Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
*11.657	40.55	PK-U	38.7	-21.6	0	57.65	-	-	74	-16.35	-	-	153	178	H
*11.651	27.97	ADR	38.7	-21.6	0	45.07	54	-8.93	-	-	-	-	153	178	H
*11.646	38.77	PK-U	38.7	-21.7	0	55.77	-	-	74	-18.23	-	-	203	168	V
*11.652	26.85	ADR	38.7	-21.6	0	43.95	54	-10.05	-	-	-	-	203	168	V

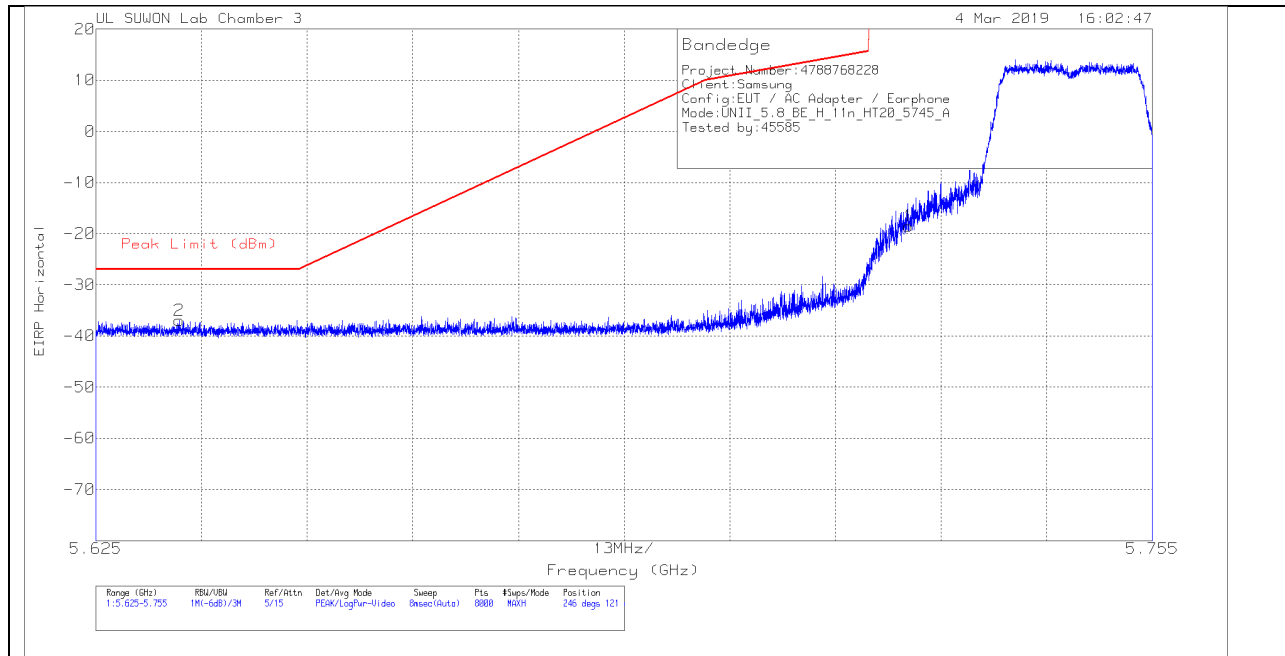
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.4.4. TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



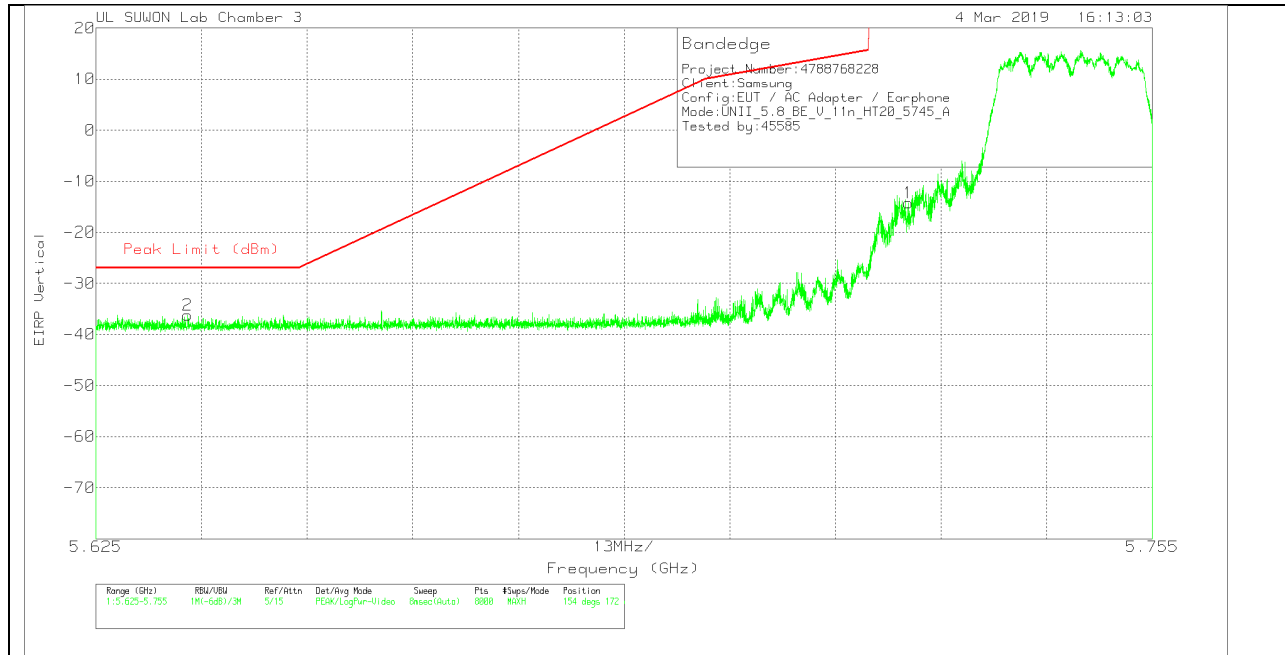
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-47.26	Pk	34.8	-17.9	11.8	0	-18.56	278.95	-297.51	246	121	H
2	5.635	-65.21	Pk	34.7	-18.2	11.8	0	-36.91	-27	-9.91	246	121	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

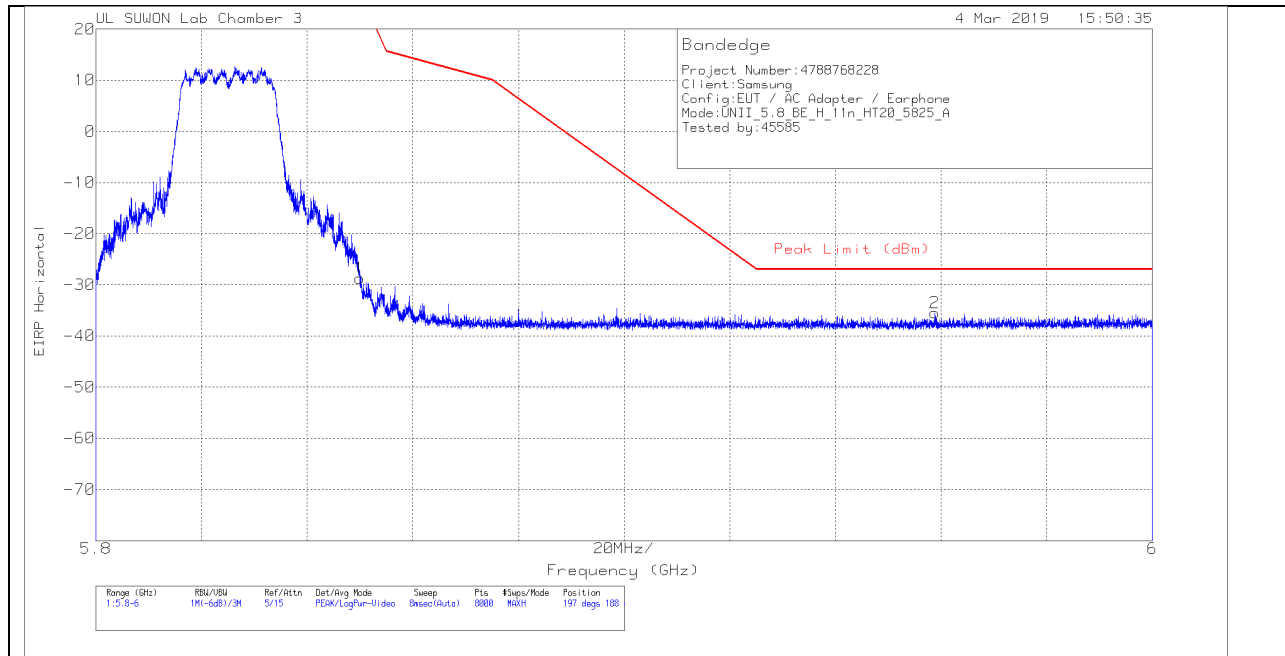
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-42.91	Pk	34.8	-17.9	11.8	0	-14.21	278.95	-293.16	154	172	V
2	5.636	-64.47	Pk	34.7	-18.2	11.8	0	-36.17	-27	-9.17	154	172	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



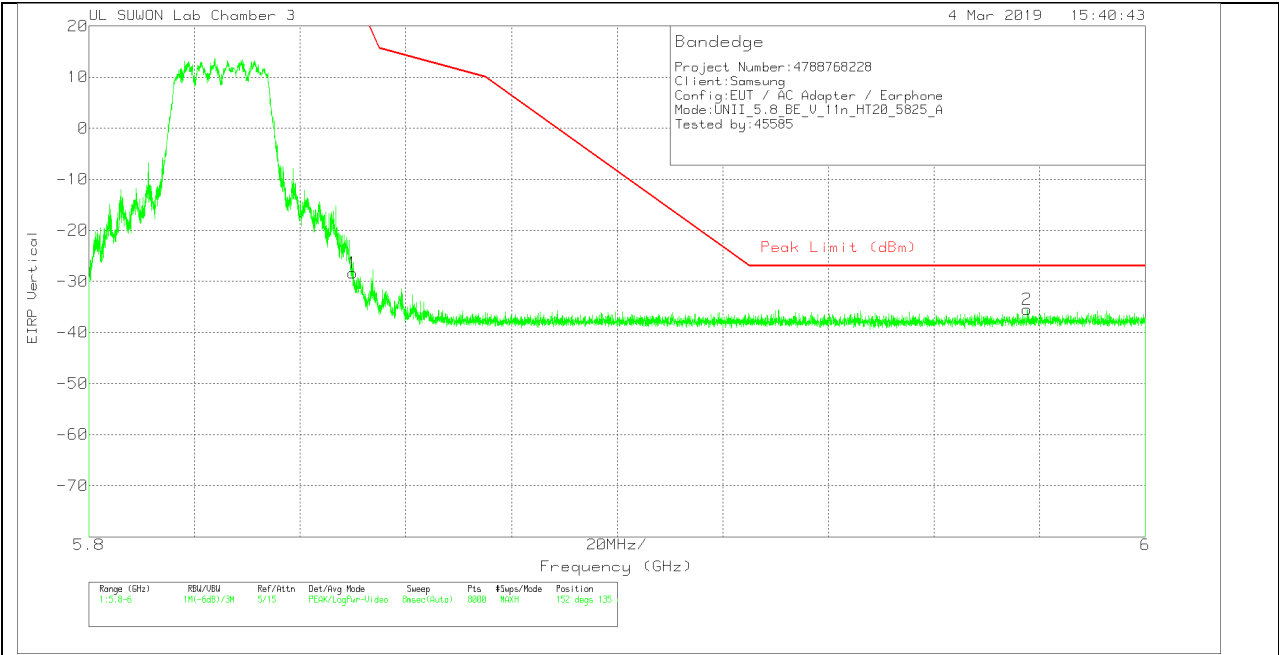
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.87	Pk	35	-17.7	11.8	0	-28.77	26.99	-55.76	197	188	H
2	5.959	-64.67	Pk	35.1	-17.7	11.8	0	-35.47	-27	-8.47	197	188	H

Pk - Peak detector

VERTICAL PEAK PLOT



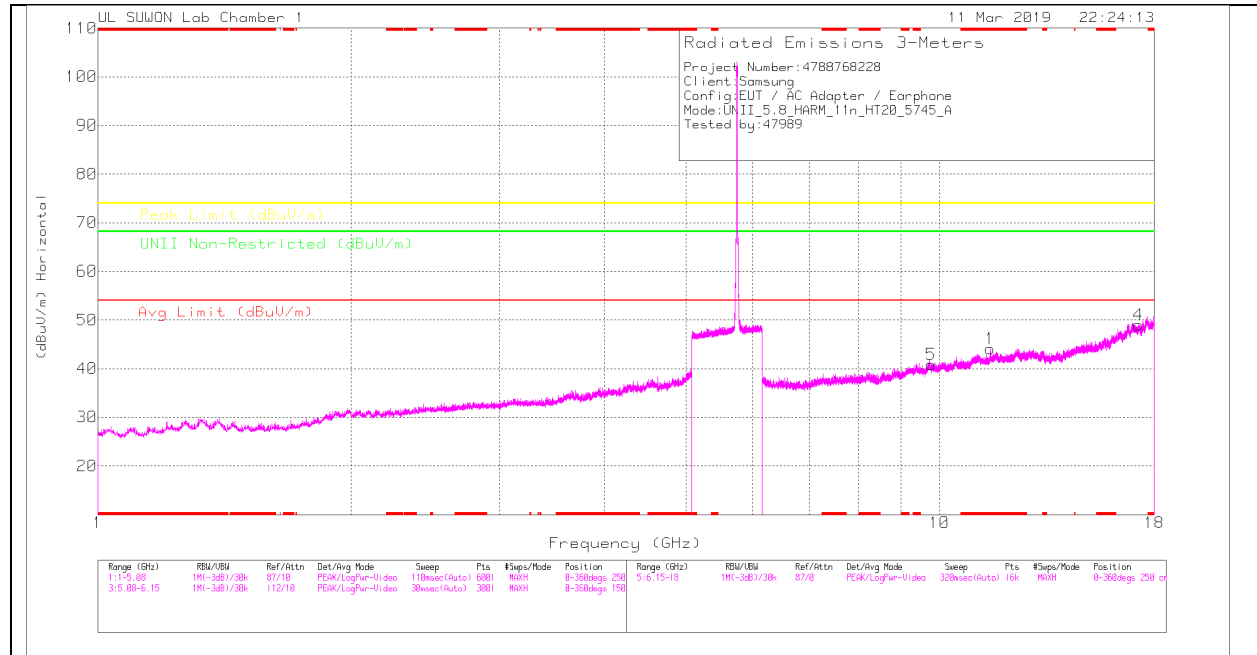
VERTICAL DATA

Trace Markers

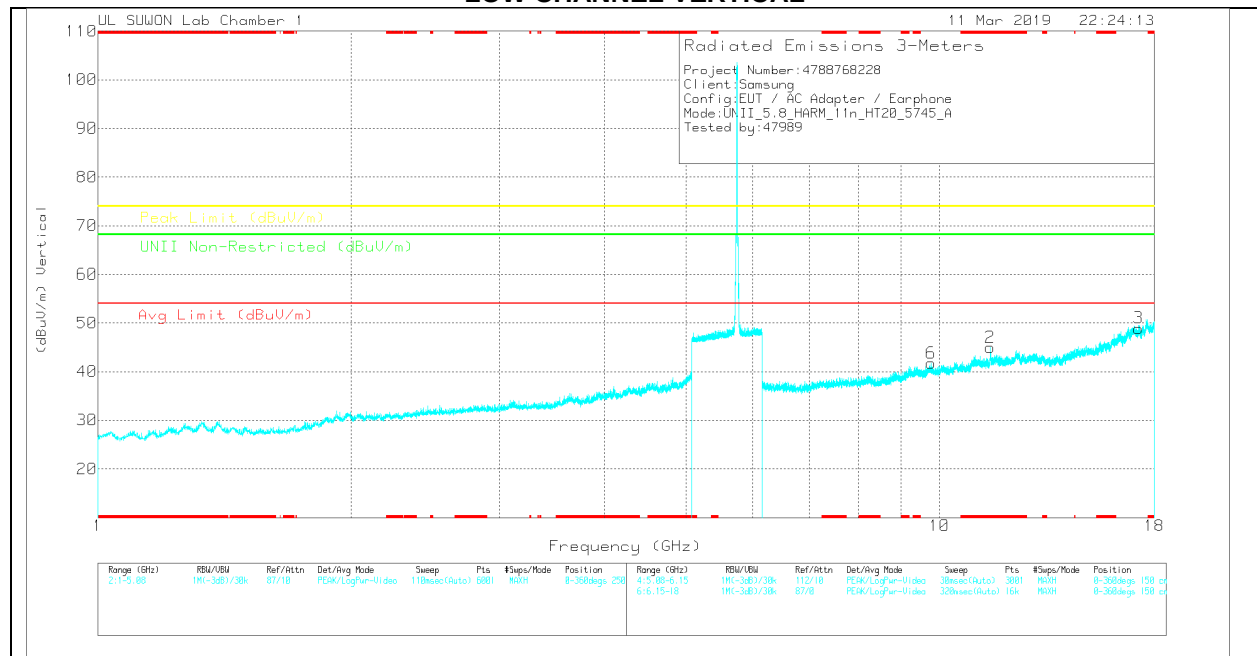
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-57.43	Pk	35	-17.7	11.8	0	-28.33	26.99	-55.32	152	135	V
2	5.978	-64.63	Pk	35.1	-17.7	11.8	0	-35.43	-27	-8.43	152	135	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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	*11.485	27.9	PK	38.5	-22.3	0	44.1	-	-	74	-29.9	-	-	0-360	250	H
4	17.233	24.47	PK	41.3	-16.8	0	48.97	-	-	-	-	68.2	-19.23	0-360	150	H
5	9.774	26.53	PK	37.3	-23	0	40.83	-	-	-	-	68.2	-27.37	0-360	150	H
2	*11.489	28.74	PK	38.5	-22.3	0	44.94	-	-	74	-29.06	-	-	0-360	250	V
3	17.238	24.33	PK	41.3	-16.7	0	48.93	-	-	-	-	68.2	-19.27	0-360	150	V
6	9.773	27.5	PK	37.3	-23	0	41.8	-	-	-	-	68.2	-26.4	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

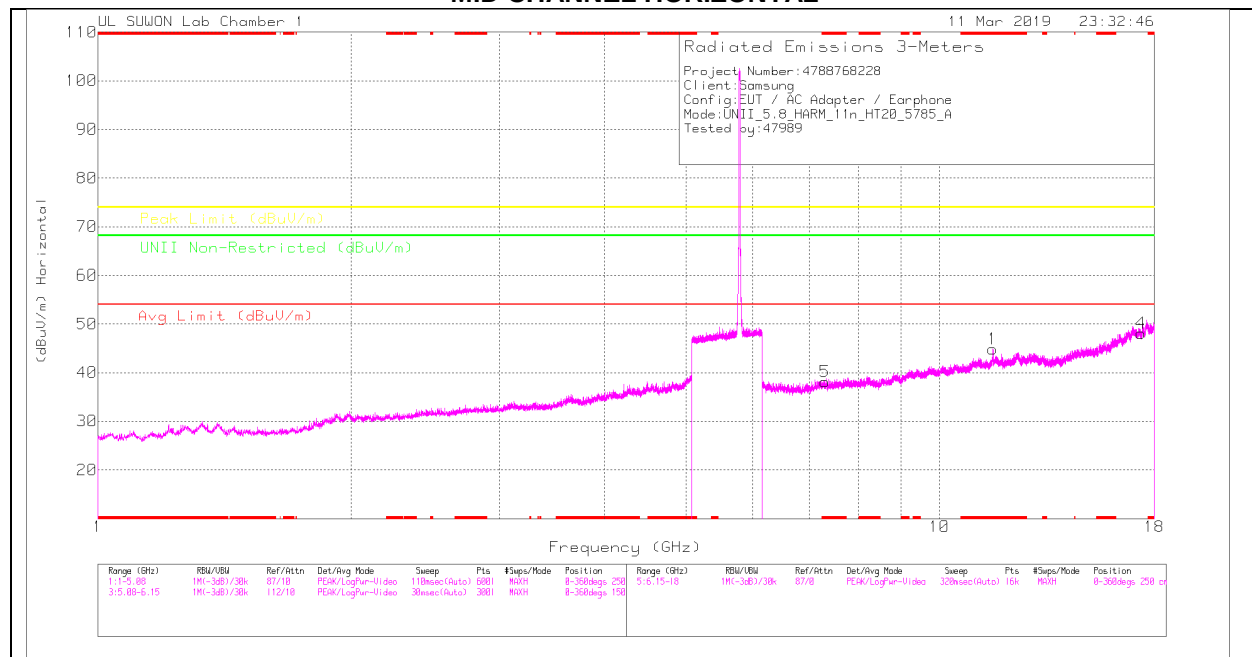
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unli Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
*11.485	39.9	PK-U	38.5	-22.3	0	56.1	-	-	74	-17.9	-	-	95	169	H
*11.49	27.31	ADR	38.5	-22.3	.09	43.6	54	-10.4	-	-	-	-	95	169	H
*11.485	39.67	PK-U	38.5	-22.3	0	55.87	-	-	74	-18.13	-	-	238	187	V
*11.49	27.62	ADR	38.5	-22.3	.09	43.91	54	-10.09	-	-	-	-	238	187	V

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

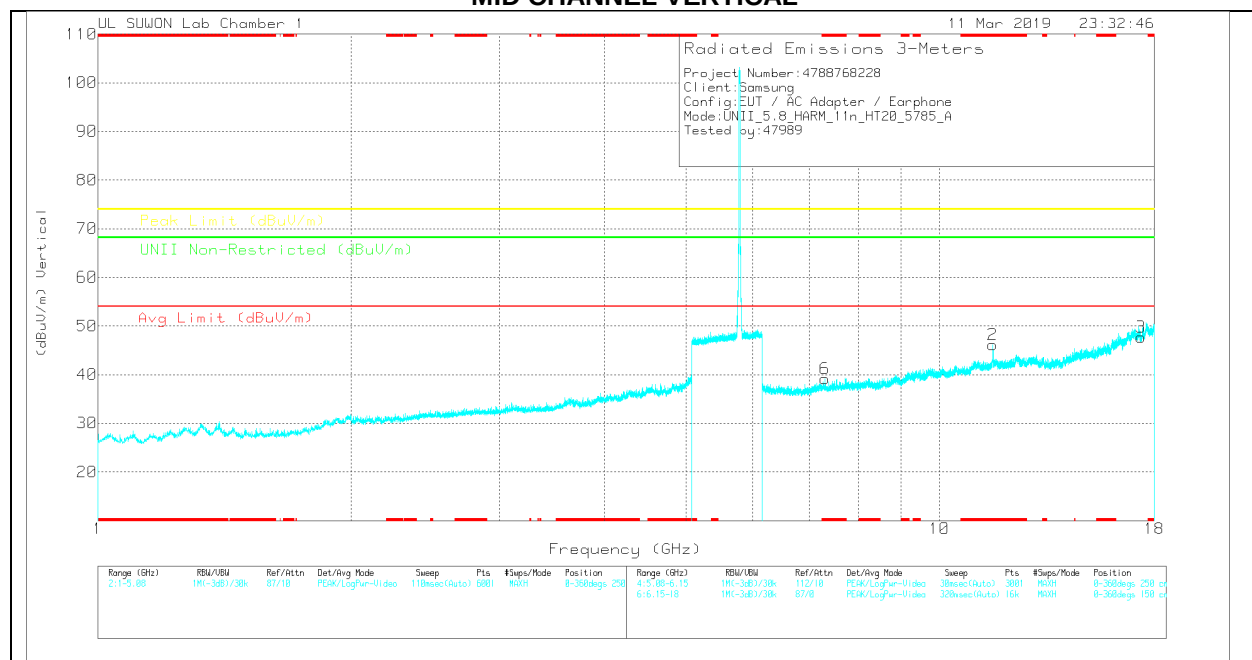
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 11.575	28.76	PK	38.6	-22.5	0	44.86	-	-	74	-29.14	-	-	0-360	150	H
4	17.353	24.53	PK	41.2	-17.6	0	48.13	-	-	-	-	68.2	-20.07	0-360	250	H
5	* 7.312	29.35	PK	35.8	-27	0	38.15	-	-	74	-35.85	-	-	0-360	150	H
2	* 11.57	30.06	PK	38.6	-22.5	0	46.16	-	-	74	-27.84	-	-	0-360	250	V
3	17.349	24.03	PK	41.2	-17.5	0	47.73	-	-	-	-	68.2	-20.47	0-360	150	V
6	* 7.315	30.39	PK	35.8	-27	0	39.19	-	-	74	-34.81	-	-	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

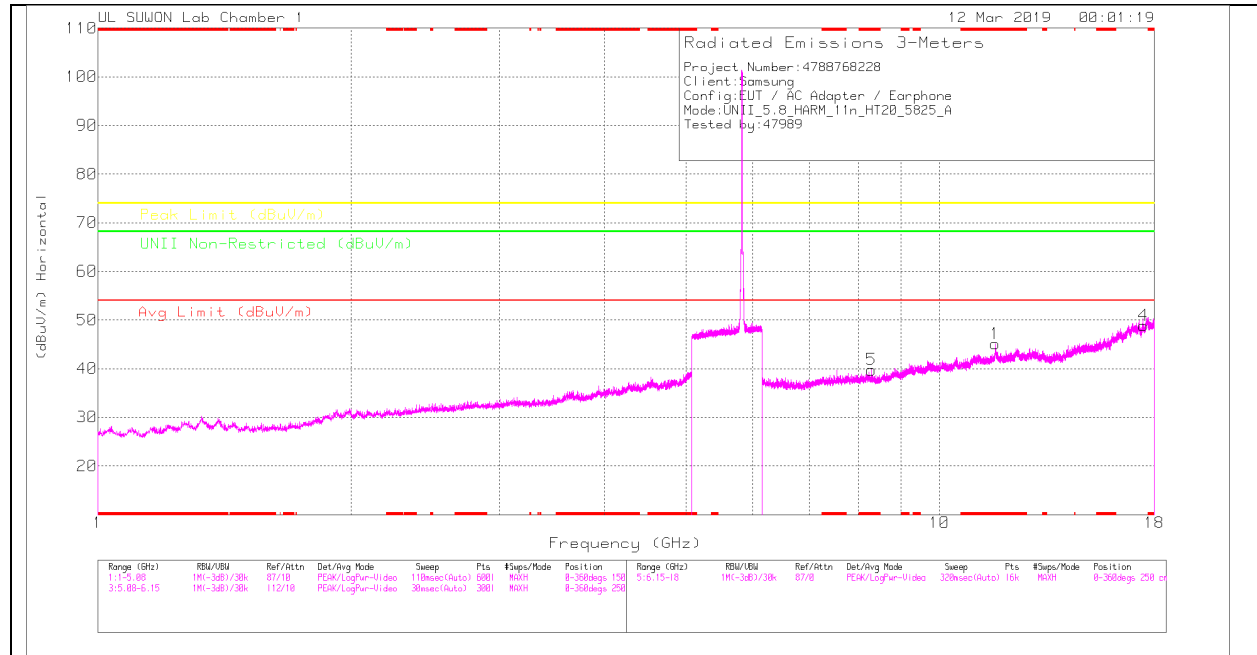
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.579	39.53	PK-U	38.6	-22.5	0	55.63	-	-	74	-18.37	-	-	88	152	H
* 11.569	27.04	ADR	38.6	-22.5	.09	43.23	54	-10.77	-	-	-	-	88	152	H
* 11.575	39.88	PK-U	38.6	-22.5	0	55.98	-	-	74	-18.02	-	-	231	148	V
* 11.57	27.32	ADR	38.6	-22.5	.09	43.51	54	-10.49	-	-	-	-	231	148	V

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

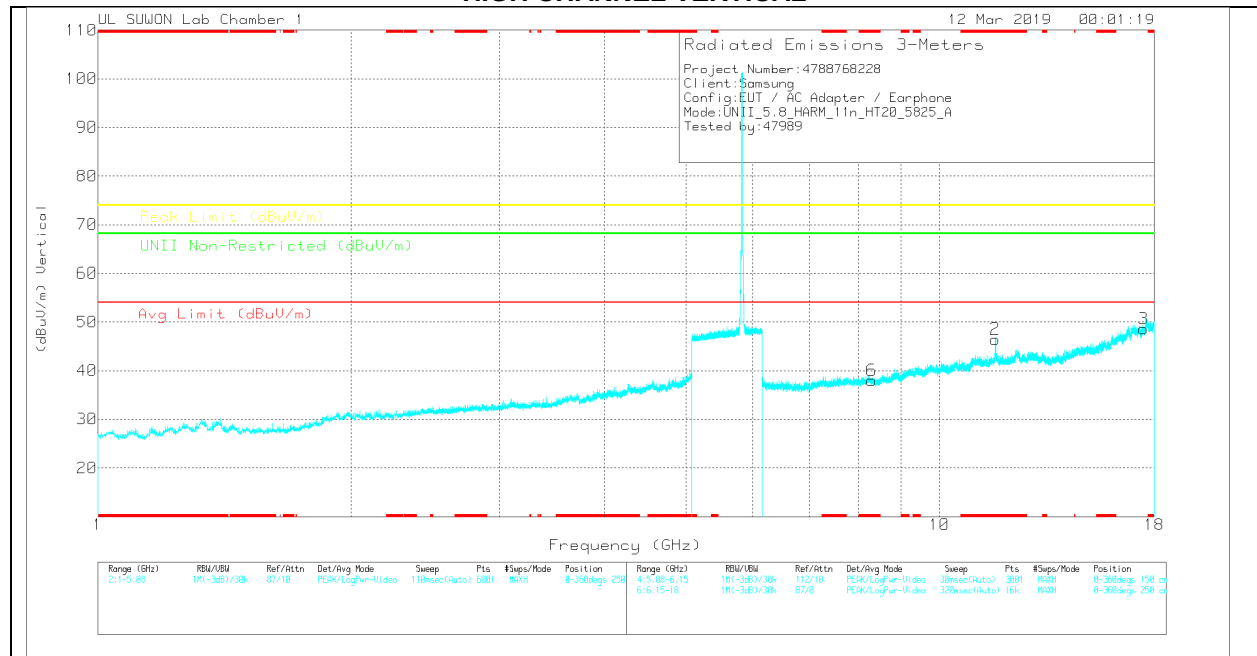
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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)	Altitude (Degs)	Height (cm)	Polarity
1	*11.653	27.99	PK	38.7	-21.6	0	45.09	-	-	74	-28.91	-	-	0-360	150	H
4	17.479	24.31	PK	41.2	-16.6	0	48.91	-	-	-	-	68.2	-19.29	0-360	250	H
5	*8.306	28.65	PK	36.4	-25.3	0	39.75	-	-	74	-34.25	-	-	0-360	150	H
2	*11.653	29.37	PK	38.7	-21.6	0	46.47	-	-	74	-27.53	-	-	0-360	150	V
3	17.478	23.93	PK	41.2	-16.5	0	48.63	-	-	-	-	68.2	-19.57	0-360	150	V
6	*8.308	26.95	PK	36.4	-25.3	0	38.05	-	-	74	-35.95	-	-	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	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)	Altitude (Degs)	Height (cm)	Polarity
*11.644	39.94	PK-U	38.7	-21.7	0	56.94	-	-	74	-17.06	-	-	86	156	H
*11.65	27.67	ADR	38.7	-21.7	.09	44.76	54	-9.24	-	-	-	-	86	156	H
*11.655	41.15	PK-U	38.7	-21.6	0	58.25	-	-	74	-15.75	-	-	232	159	V
*11.65	29.12	ADR	38.7	-21.7	.09	46.21	54	-7.79	-	-	-	-	232	159	V

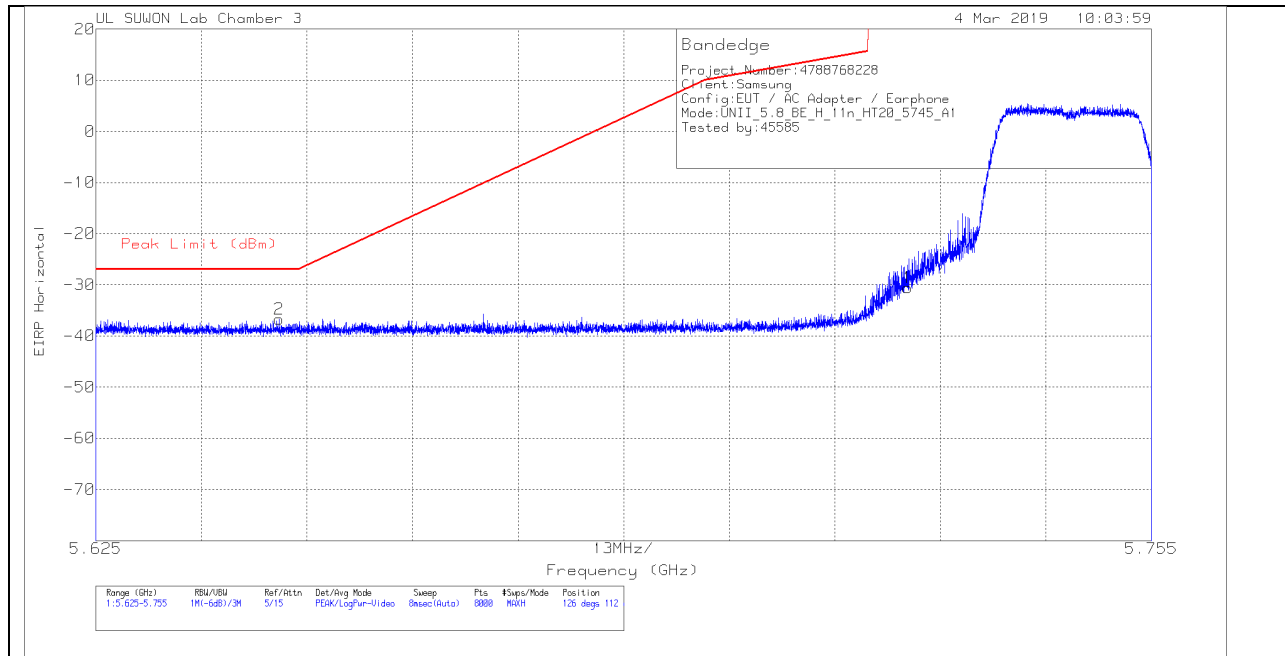
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

11.4.5.TX ABOVE 1GHz 802.11n HT20 1Tx ANT1 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



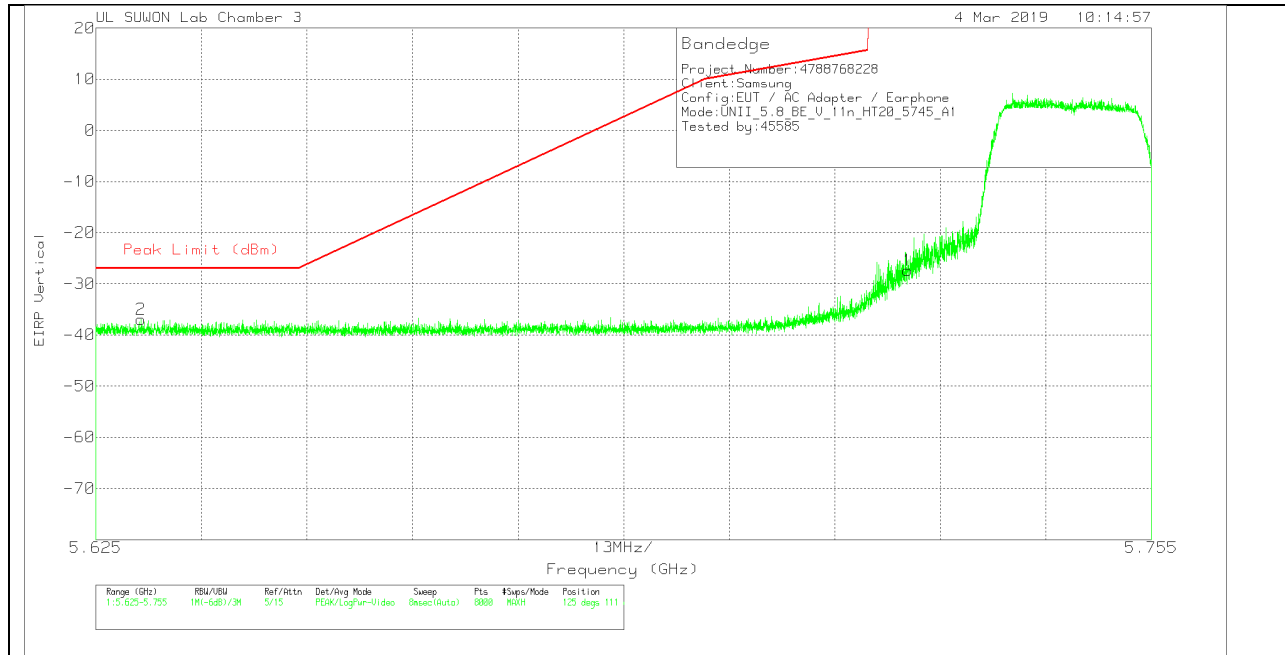
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-59.25	Pk	34.8	-17.9	11.8	0	-30.55	278.95	-309.5	126	112	H
2	5.648	-65.01	Pk	34.7	-18.2	11.8	0	-36.71	-27	-9.71	126	112	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

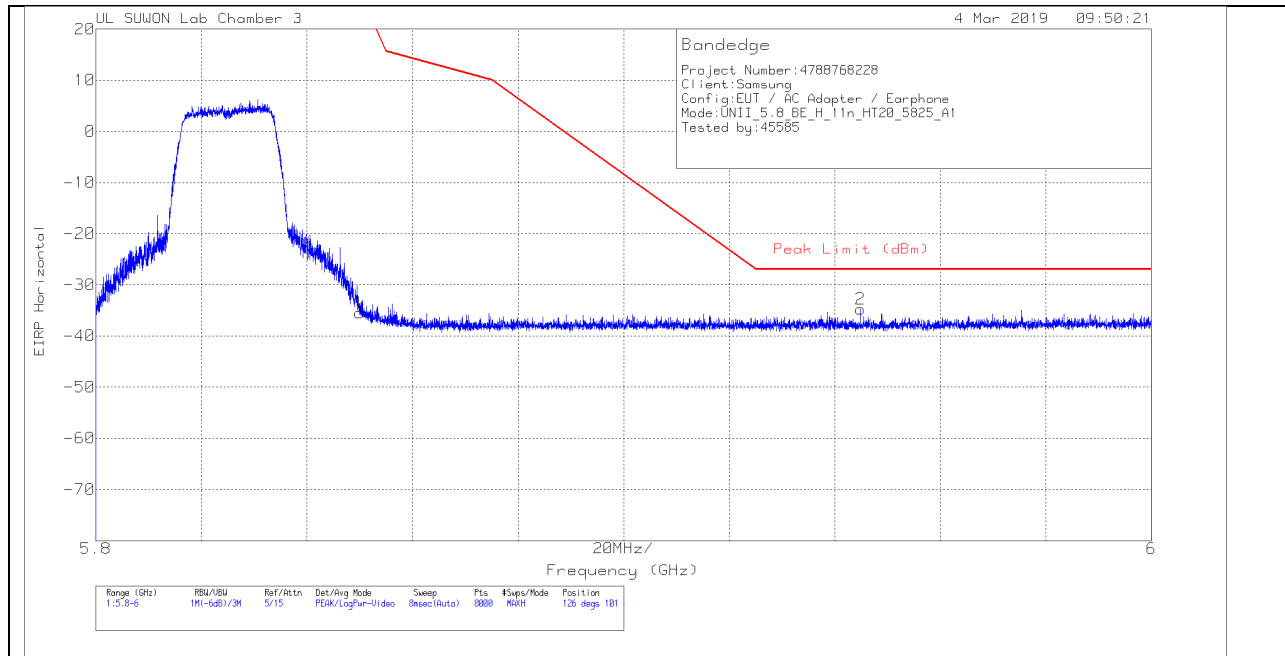
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-56.05	Pk	34.8	-17.9	11.8	0	-27.35	278.95	-306.3	125	111	V
2	5.631	-65.19	Pk	34.7	-18.3	11.8	0	-36.99	-27	-9.99	125	111	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



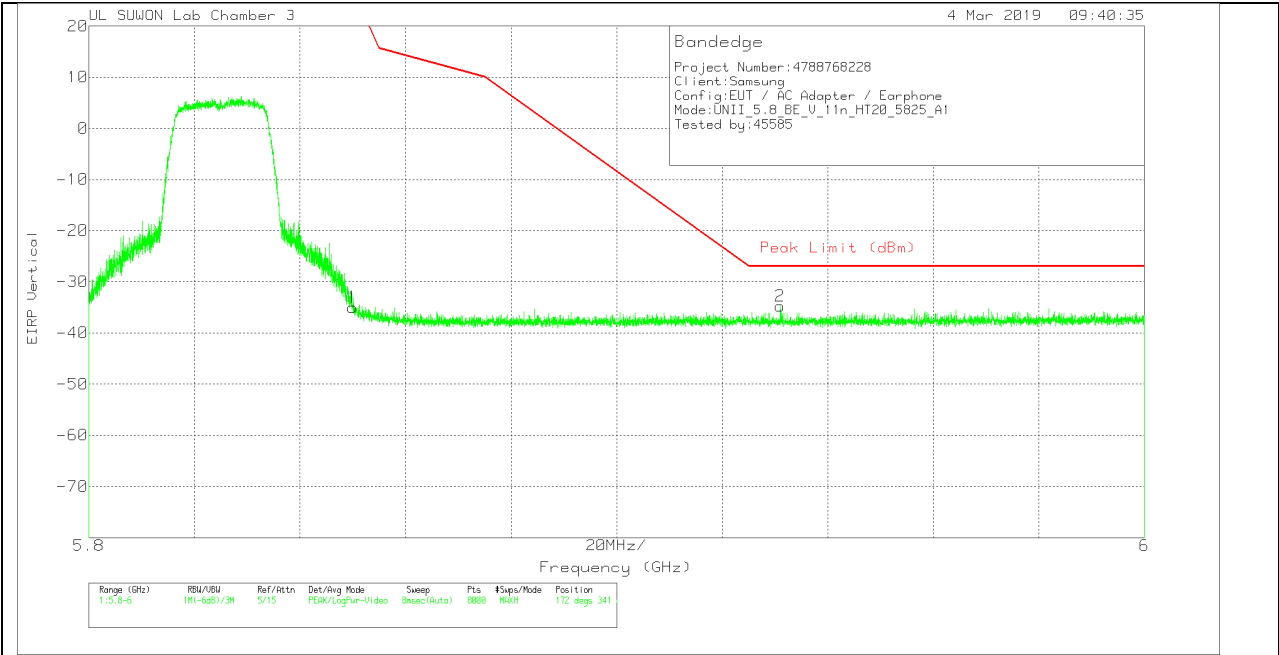
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.57	Pk	35	-17.7	11.8	0	-35.47	26.99	-62.46	126	101	H
2	5.945	-64.05	Pk	35.1	-17.6	11.8	0	-34.75	-27	-7.75	126	101	H

Pk - Peak detector

VERTICAL PEAK PLOT



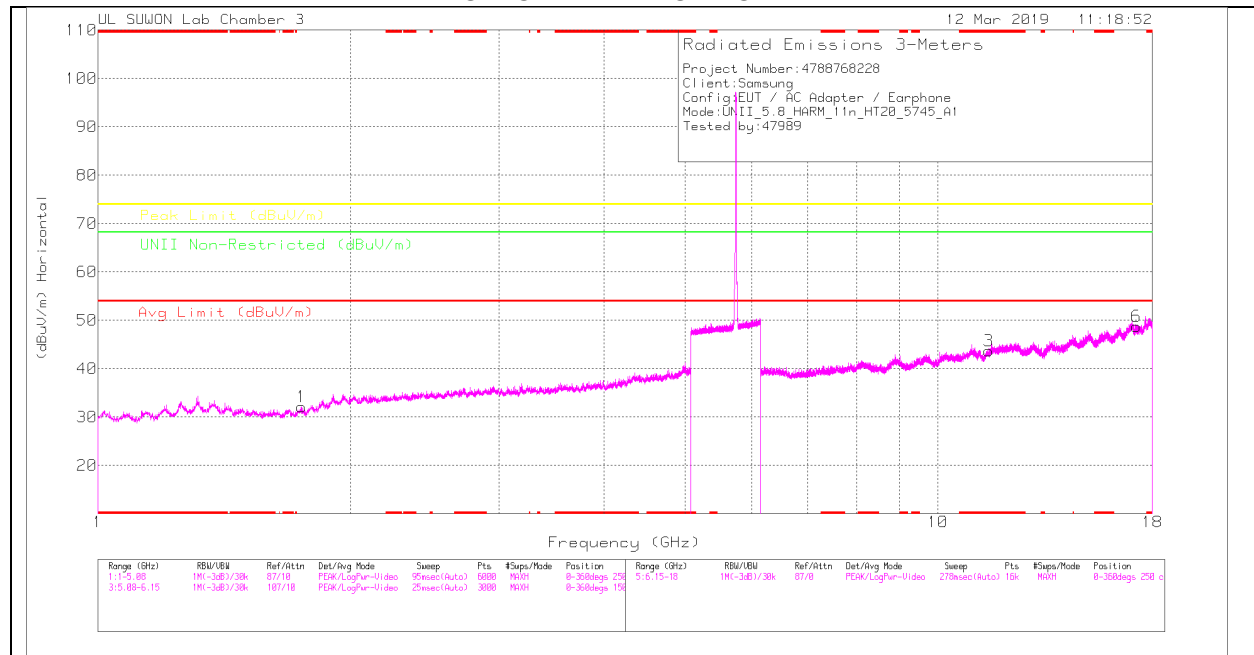
VERTICAL DATA

Trace Markers

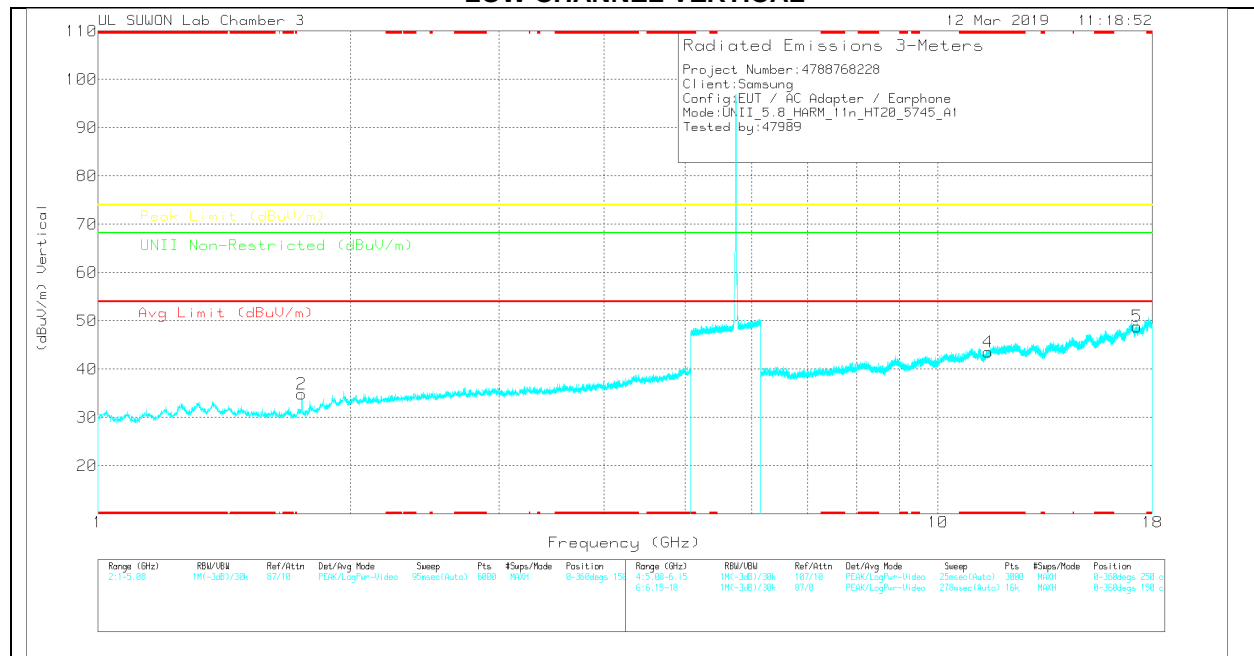
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-64.08	Pk	35	-17.7	11.8	0	-34.98	26.99	-61.97	172	341	V
2	5.931	-63.99	Pk	35.1	-17.7	11.8	0	-34.79	-27	-7.79	172	341	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

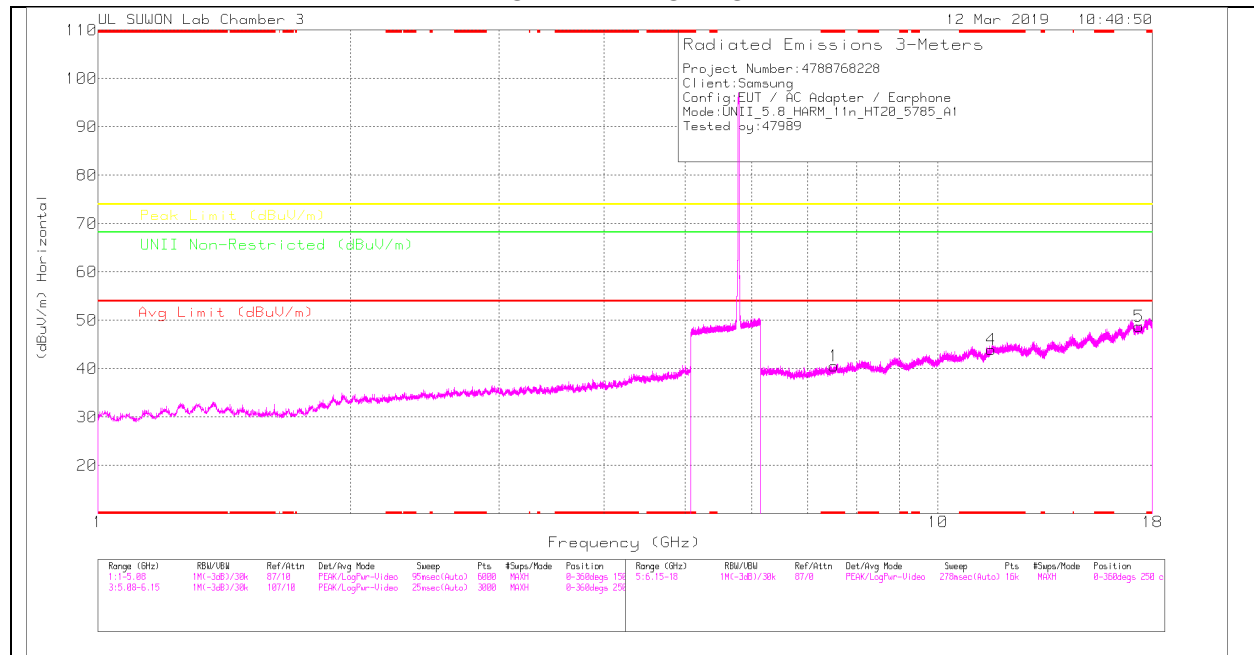
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020999	SigHz_LF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	1.748	36.41	PK	29	-33.3	0	32.11	-	-	-	-	68.2	-36.09	0-360	149	H
2	1.749	39.11	PK	29	-33.3	0	34.81	-	-	-	-	68.2	-33.39	0-360	150	V
3	* 11.483	24.79	PK	38.5	-19.6	0	43.69	-	-	74	-30.31	-	-	0-360	250	H
6	17.237	22.5	PK	41.3	-15.1	0	48.7	-	-	-	-	68.2	-19.5	0-360	250	H
4	* 11.472	24.61	PK	38.5	-19.5	0	43.61	-	-	74	-30.39	-	-	0-360	150	V
5	17.261	22.52	PK	41.3	-15	0	48.82	-	-	-	-	68.2	-19.38	0-360	150	V

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

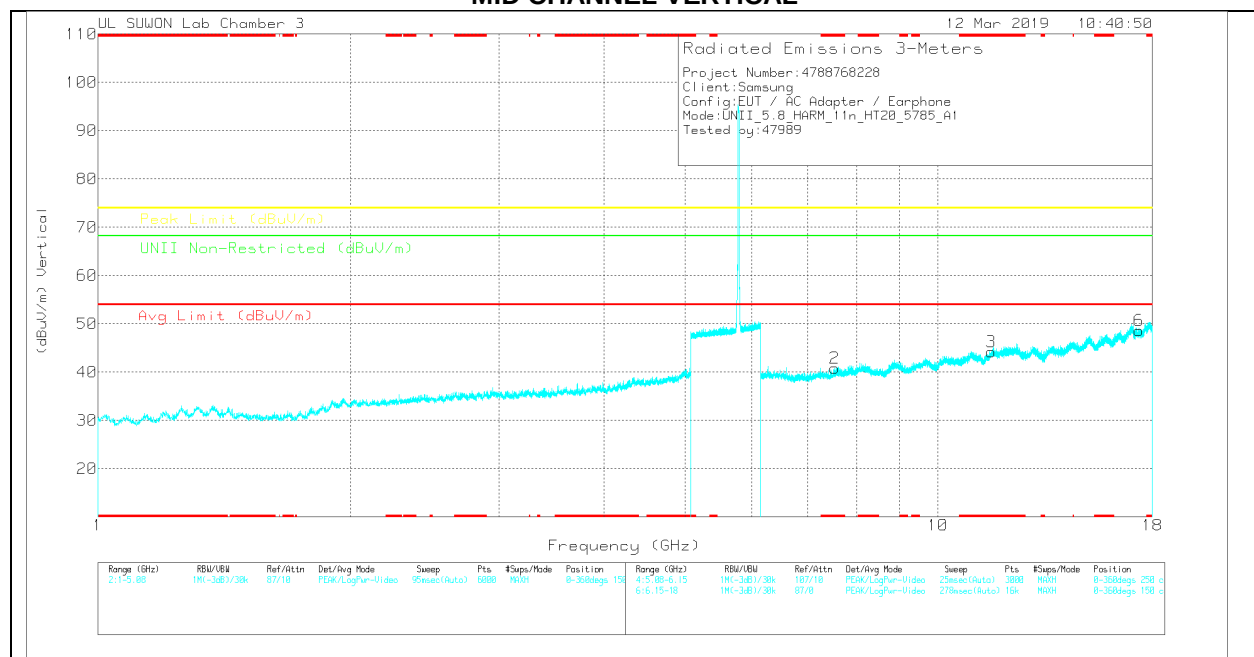
PK – Peak Detector

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

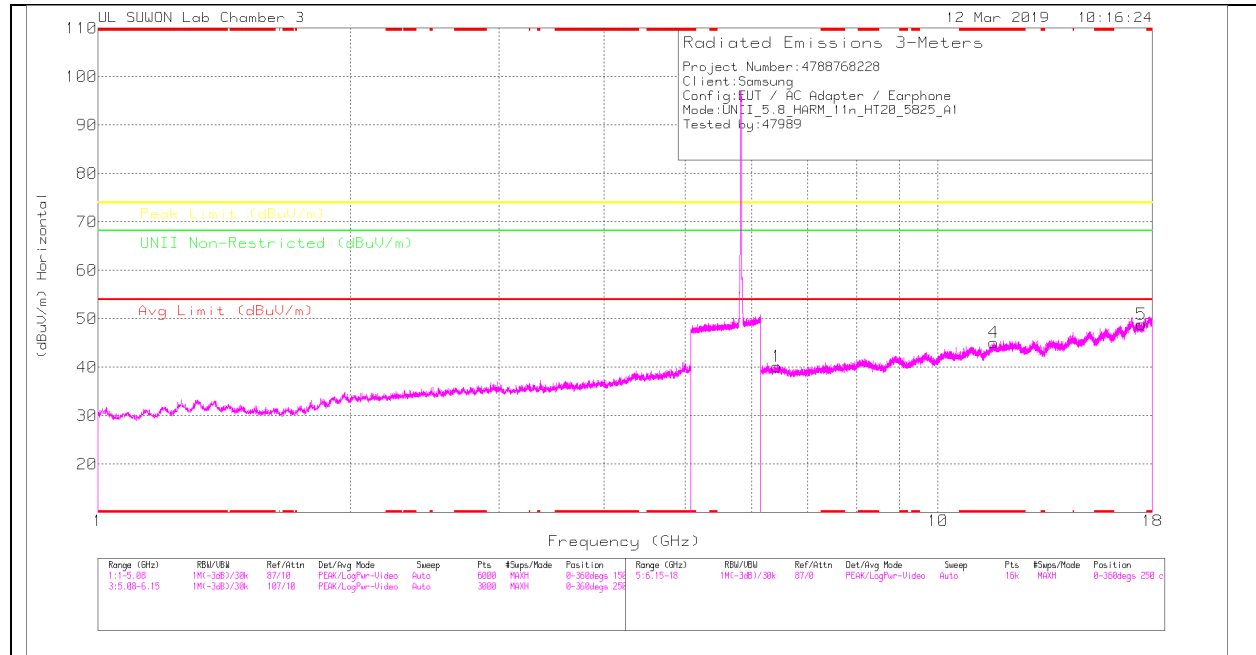
Marker	Frequency (GHz)	Motor Reading (dBuV)	Det	3117_00205959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 7.518	27.88	PK	35.8	-23.1	0	40.58	-	-	74	-33.42	-	-	0-360	150	H
4	* 11.575	25.03	PK	38.6	-19.7	0	43.93	-	-	74	-30.07	-	-	0-360	150	H
5	17.361	22.92	PK	41.2	-15.4	0	48.72	-	-	-	-	68.2	-19.48	0-360	150	H
2	* 7.532	27.98	PK	35.8	-23	0	40.78	-	-	74	-33.22	-	-	0-360	150	V
3	* 11.577	25.3	PK	38.6	-19.7	0	44.2	-	-	74	-29.8	-	-	0-360	150	V
6	17.362	22.82	PK	41.2	-15.4	0	48.62	-	-	-	-	68.2	-19.58	0-360	150	V

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

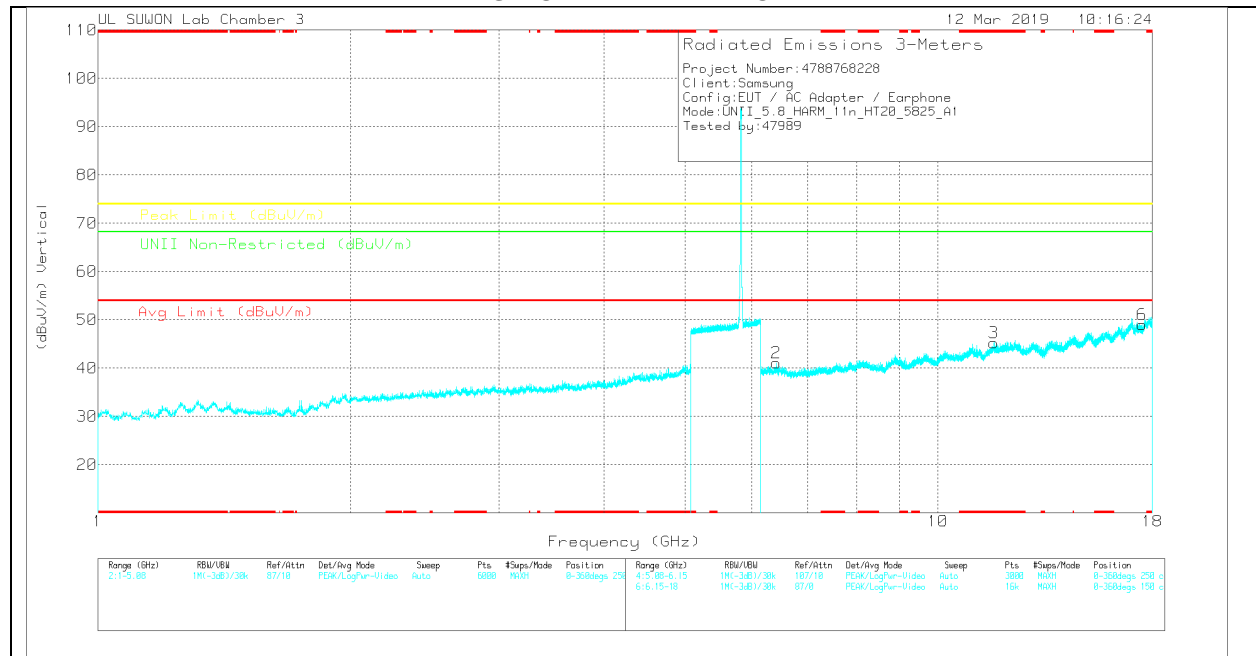
PK – Peak Detector

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)	Marker Reading (dBuV)	Det	3117_00305959	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)	Altitude (Degs)	Height (cm)	Polarity
1	6.43	30.62	PK	35.4	-25.9	0	40.12	-	-	-	-	68.2	-28.08	0-360	150	H
4	*11.649	25.88	PK	38.7	-19.5	0	45.08	-	-	74	-28.92	-	-	0-360	150	H
5	17.48	22.66	PK	41.2	-15	0	48.86	-	-	-	-	68.2	-19.34	0-360	150	H
2	6.419	31.73	PK	35.3	-25.9	0	41.13	-	-	-	-	68.2	-27.07	0-360	150	V
3	*11.65	26.03	PK	38.7	-19.5	0	45.23	-	-	74	-28.77	-	-	0-360	250	V
6	17.488	22.76	PK	41.2	-15	0	48.96	-	-	-	-	68.2	-19.24	0-360	150	V

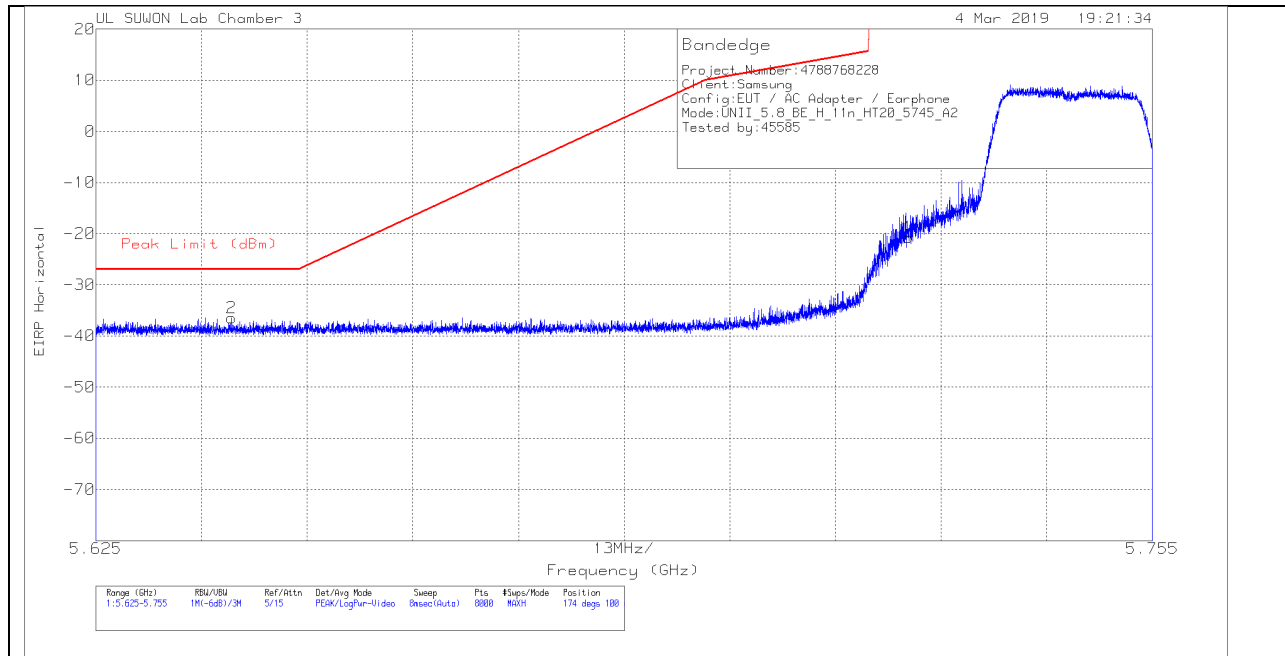
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.4.6.TX ABOVE 1GHz 802.11n HT20 1Tx ANT2 IN THE 5.8GHz BAND BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK PLOT



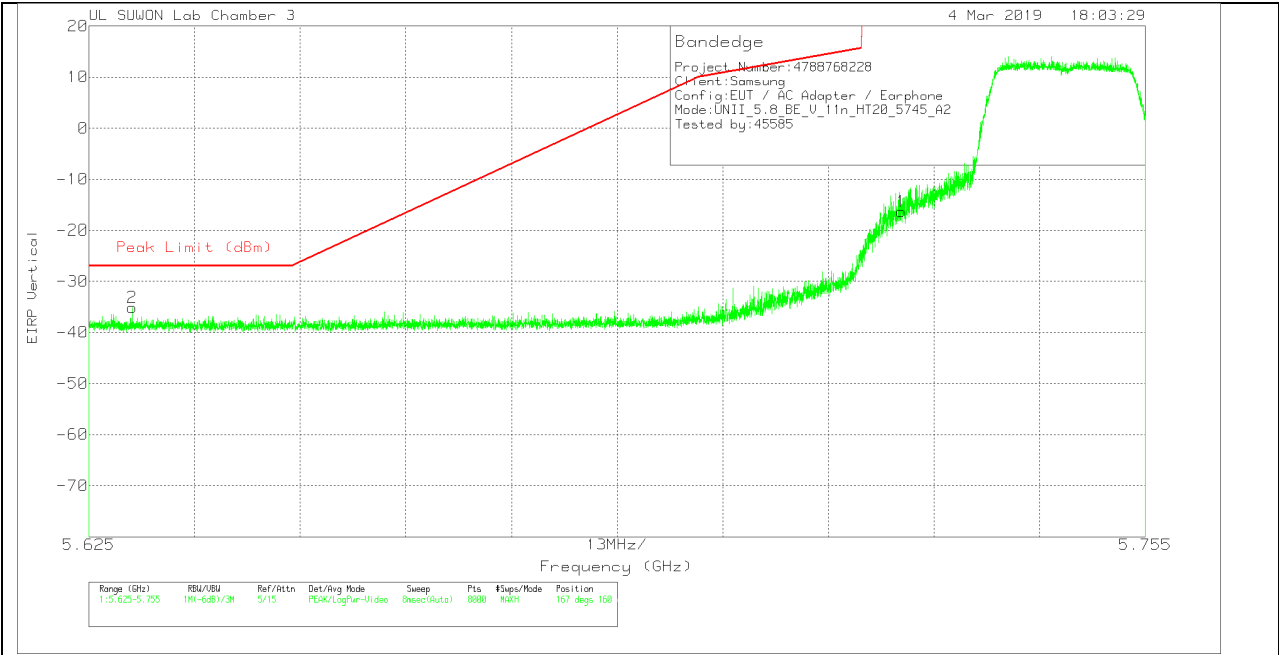
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-49.4	Pk	34.8	-17.9	11.8	0	-20.7	278.95	-299.65	174	100	H
2	5.642	-64.73	Pk	34.7	-18.2	11.8	0	-36.43	-27	-9.43	174	100	H

Pk - Peak detector

VERTICAL PEAK PLOT



VERTICAL DATA

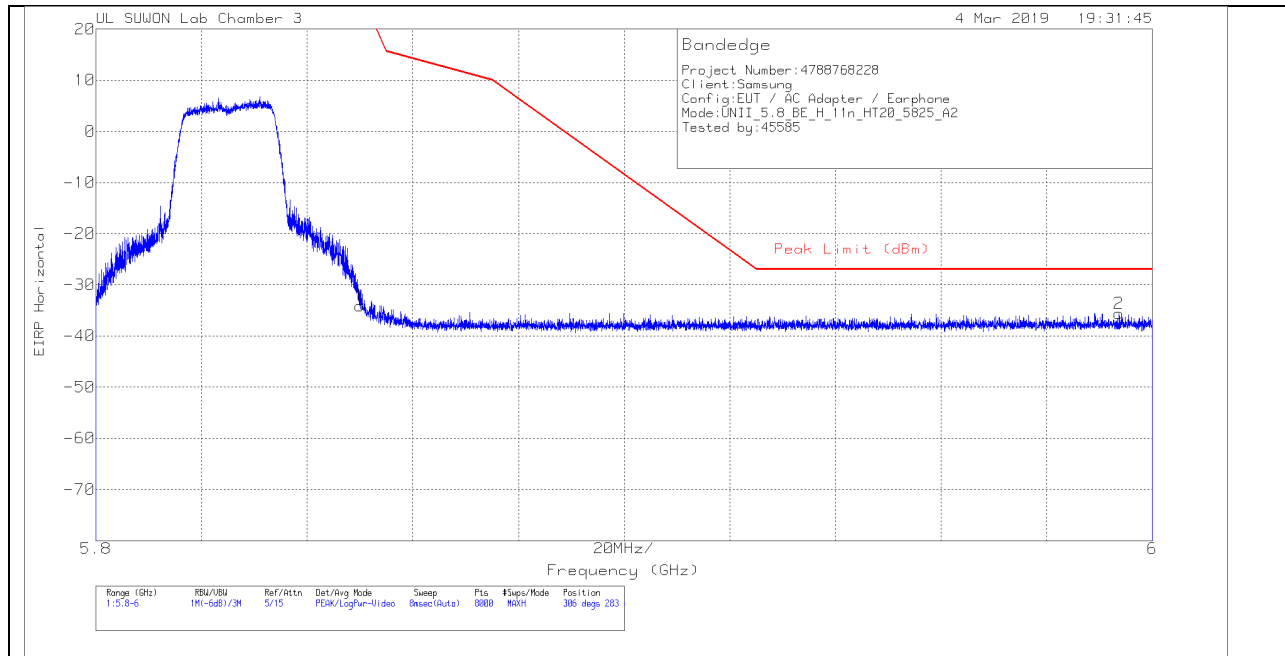
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	-45.04	Pk	34.8	-17.9	11.8	0	-16.34	278.95	-295.29	167	160	V
2	5.63	-63.27	Pk	34.7	-18.3	11.8	0	-35.07	-27	-8.07	167	160	V

Pk - Peak detector

BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



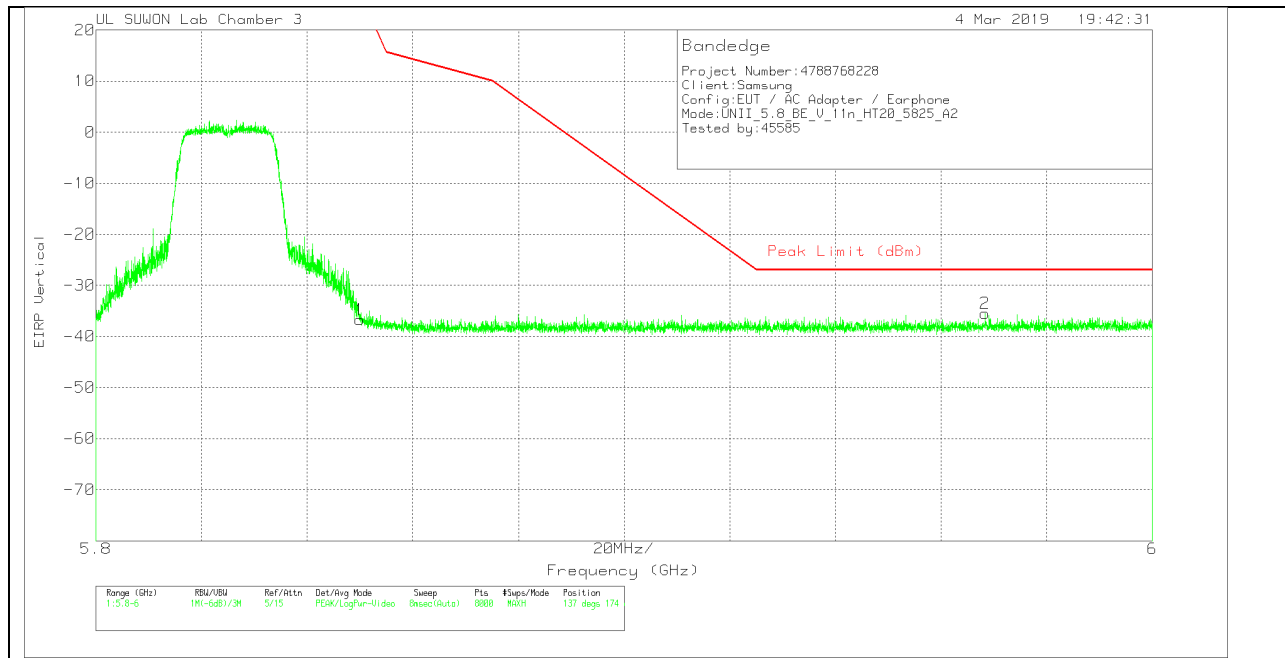
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-63.17	Pk	35	-17.7	11.8	0	-34.07	26.99	-61.06	306	283	H
2	5.994	-64.76	Pk	35.1	-17.7	11.8	0	-35.56	-27	-8.56	306	283	H

Pk - Peak detector

VERTICAL PEAK PLOT



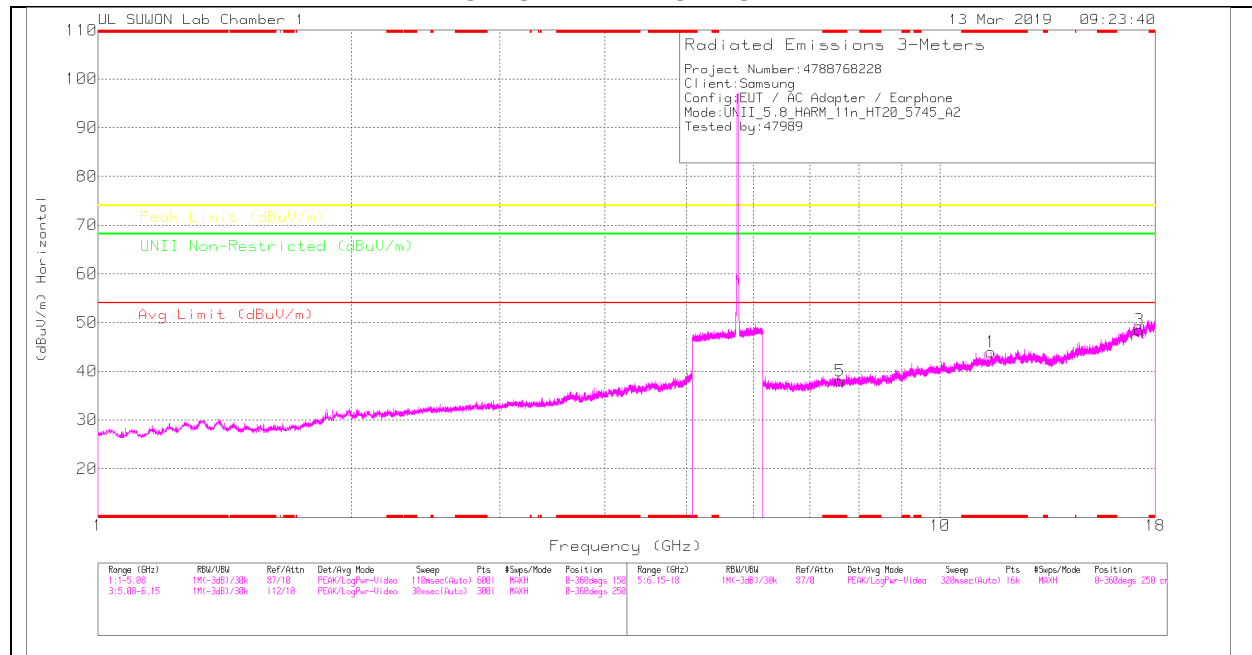
VERTICAL DATA

Trace Markers

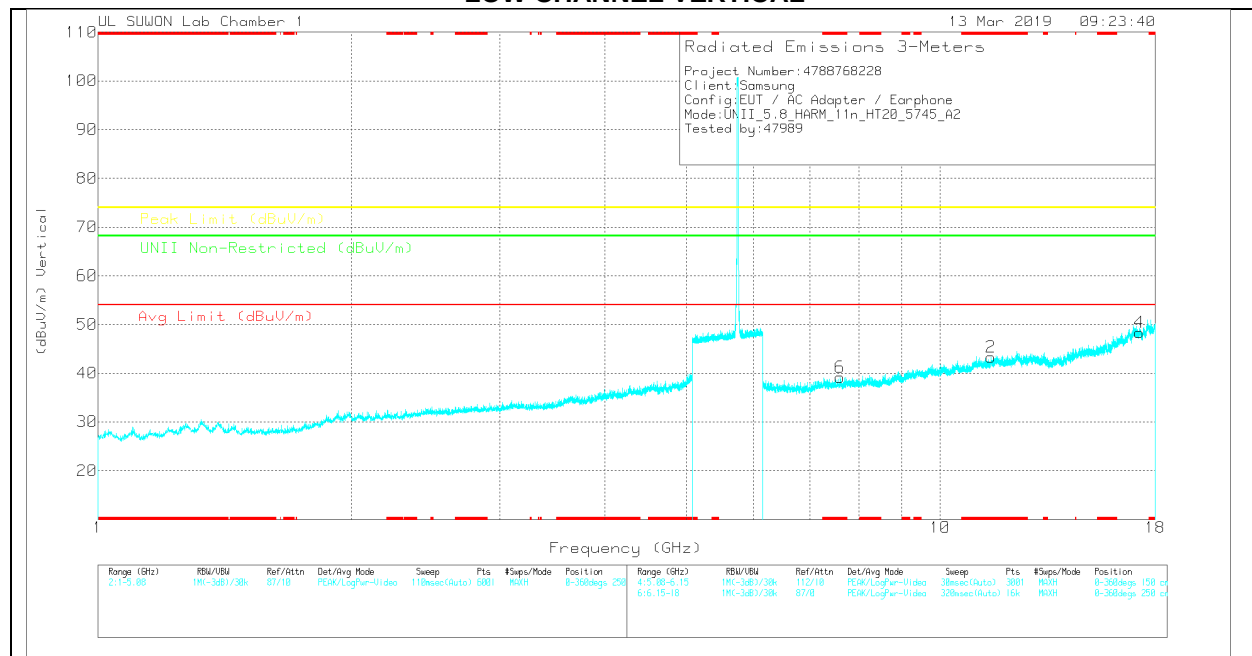
Marker	Frequency (GHz)	Meter Reading (dBm)	Det	3117_00205959	10dB[dB]	Conversion Factor (dB)	DC Corr (dB)	Corrected Reading EIRP	Peak Limit (dBm)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.85	-65.79	Pk	35	-17.7	11.8	0	-36.69	26.99	-63.68	137	174	V
2	5.968	-64.71	Pk	35.1	-17.7	11.8	0	-35.51	-27	-8.51	137	174	V

Pk - Peak detector

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

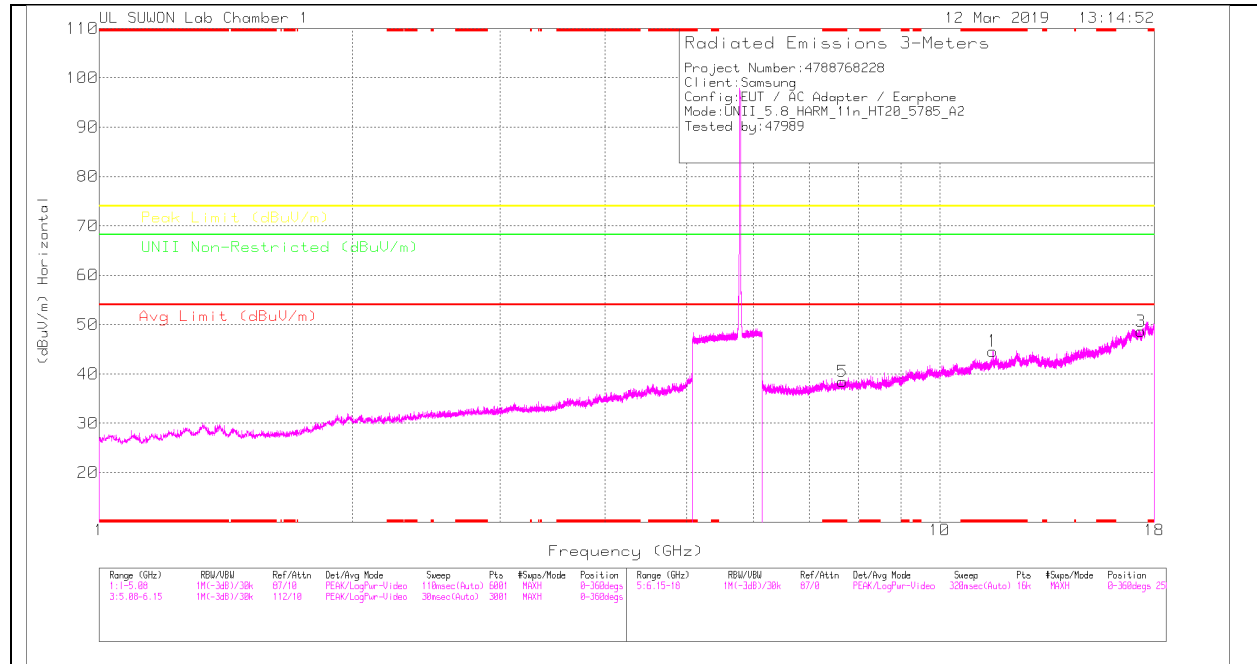
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	*11.489	27.77	PK	38.5	-22.3	0	43.97	-	-	74	-30.03	-	-	0-360	250	H
3	17.235	23.89	PK	41.3	-16.7	0	48.49	-	-	-	-	68.2	-19.71	0-360	150	H
5	*7.602	28.85	PK	35.8	-26.6	0	38.05	-	-	74	-35.95	-	-	0-360	150	H
2	*11.489	27.16	PK	38.5	-22.3	0	43.36	-	-	74	-30.64	-	-	0-360	250	V
4	17.235	23.69	PK	41.3	-16.7	0	48.29	-	-	-	-	68.2	-19.91	0-360	250	V
6	*7.6	29.91	PK	35.8	-26.5	0	39.21	-	-	74	-34.79	-	-	0-360	250	V

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

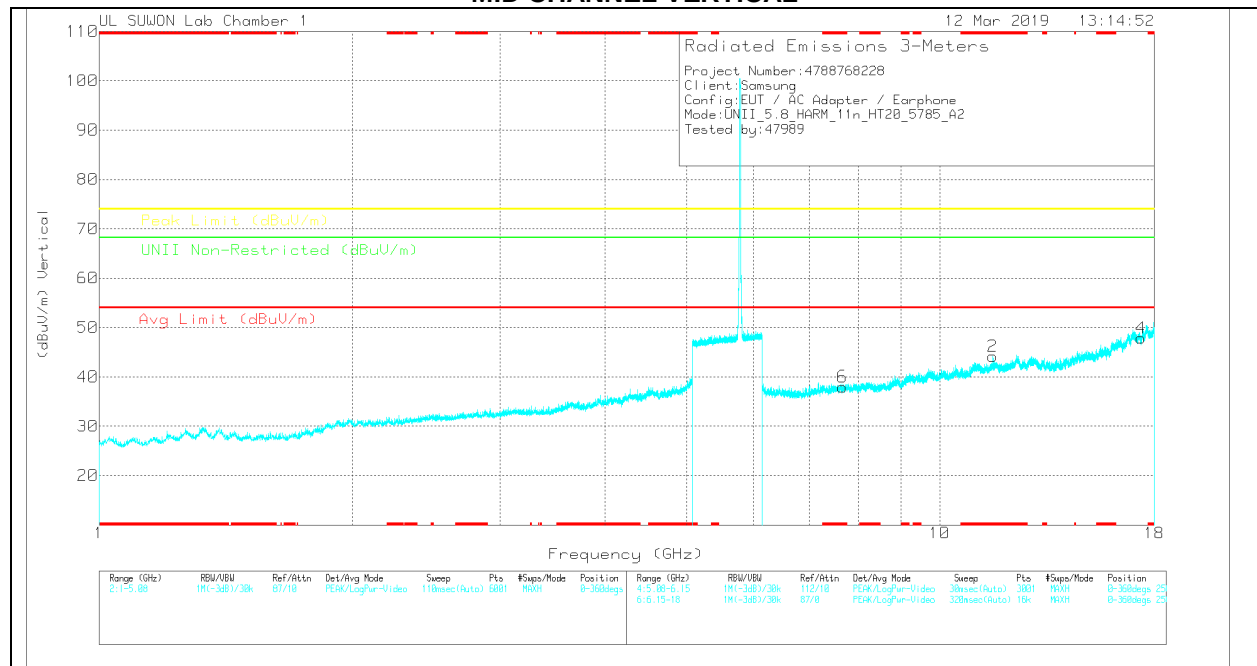
PK – Peak Detector

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)	Motor Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	*11.569	28.5	PK	38.6	-22.5	0	44.6	-	-	74	-29.4	-	-	0-360	250	H
3	17.352	25	PK	41.2	-17.6	0	48.6	-	-	-	-	68.2	-19.6	0-360	150	H
5	*7.663	29.53	PK	35.8	-26.9	0	38.43	-	-	74	-35.57	-	-	0-360	250	H
2	*11.569	28.09	PK	38.6	-22.5	0	44.19	-	-	74	-29.81	-	-	0-360	250	V
4	17.351	24.18	PK	41.2	-17.5	0	47.88	-	-	-	-	68.2	-20.32	0-360	150	V
6	*7.662	29.07	PK	35.8	-26.9	0	37.97	-	-	74	-36.03	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

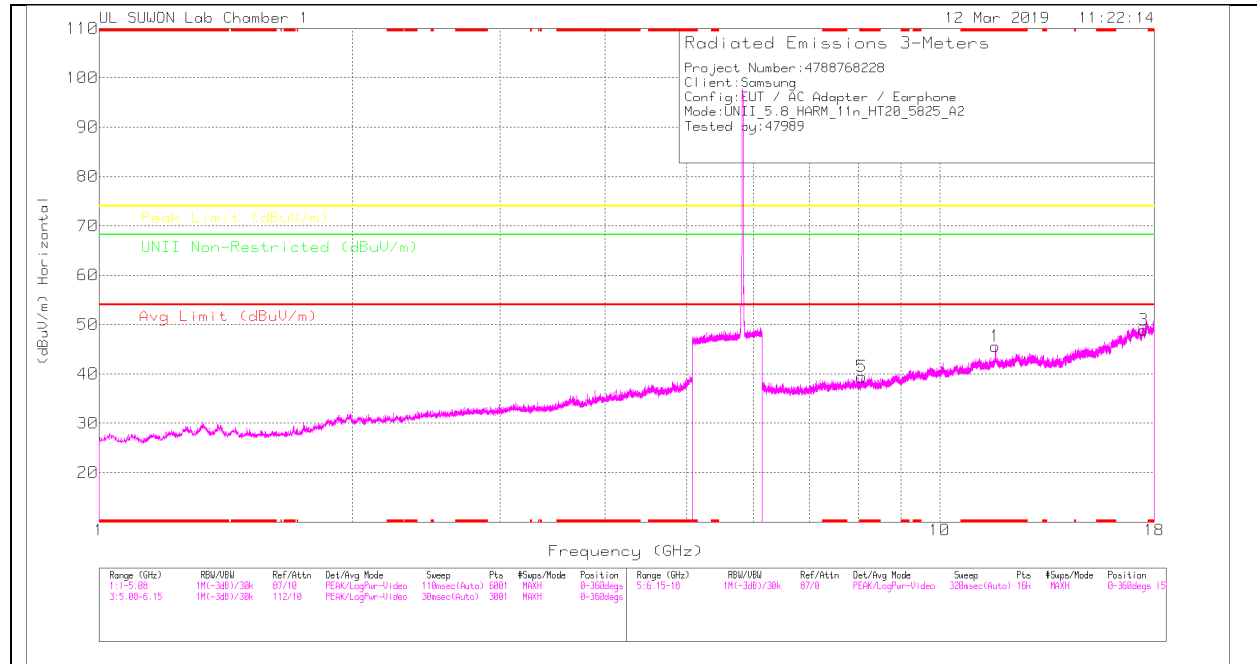
Frequency (GHz)	Motor Reading (dBuV)	Det	3117_00168717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
*11.572	39.64	PK-U	38.6	-22.5	0	55.74	-	-	74	-18.26	-	-	150	181	H
*11.571	27.43	ADR	38.6	-22.5	.09	43.62	54	-10.38	-	-	-	-	150	181	H
*11.571	39.34	PK-U	38.6	-22.5	0	55.44	-	-	74	-18.56	-	-	199	176	V
*11.569	26.98	ADR	38.6	-22.5	.09	43.17	54	-10.83	-	-	-	-	199	176	V

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

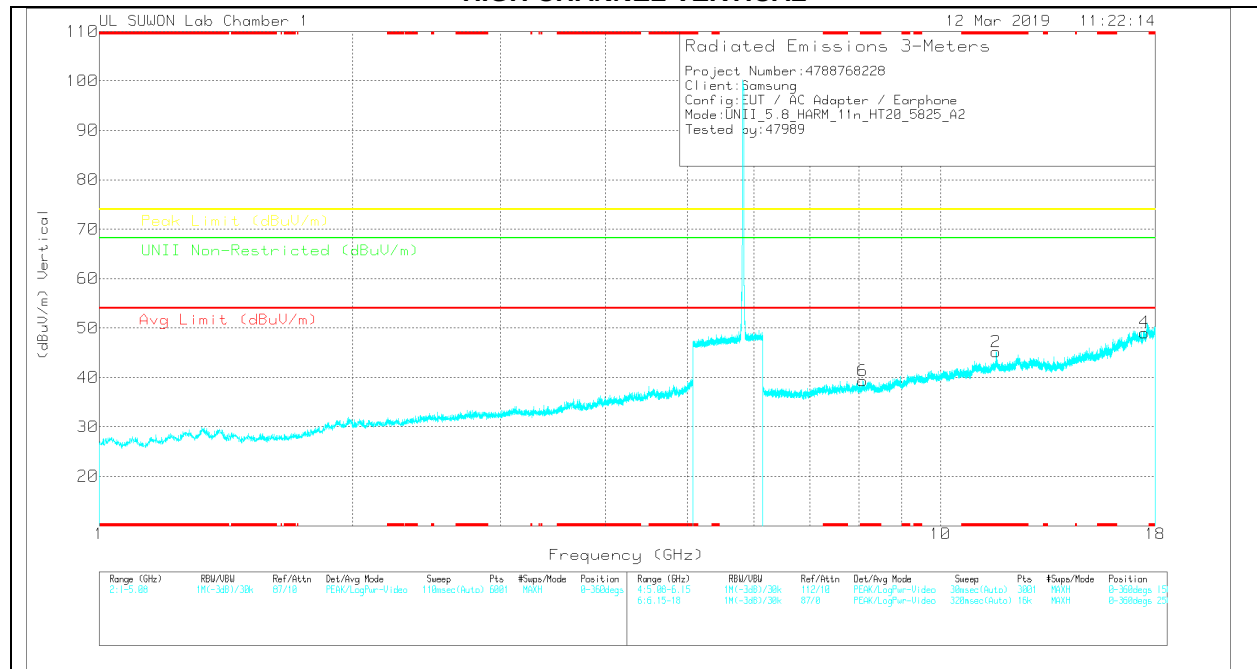
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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 (m)	Height (cm)	Polarity
1	* 11.649	28.6	PK	38.7	-21.7	0	45.6	-	-	74	-28.4	-	-	0-360	250	H
3	17.47	24.17	PK	41.2	-16.5	0	48.67	-	-	-	-	68.2	-19.33	0-360	150	H
5	* 8.076	29.33	PK	36.2	-26.1	0	39.43	-	-	74	-34.57	-	-	0-360	150	H
2	* 11.651	28.06	PK	38.7	-21.6	0	45.16	-	-	74	-28.84	-	-	0-360	150	V
4	17.479	24.46	PK	41.2	-16.6	0	49.06	-	-	-	-	68.2	-19.14	0-360	150	V
6	* 8.081	29.24	PK	36.2	-26.1	0	39.34	-	-	74	-34.66	-	-	0-360	250	V

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

PK – Peak Detector

Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[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 (m)	Height (cm)	Polarity
* 11.651	41.39	PK-U	38.7	-21.6	0	58.49	-	-	74	-15.51	-	-	150	191	H
* 11.65	28.64	ADR	38.7	-21.7	09	45.73	54	-8.27	-	-	-	-	150	191	H
* 11.646	40.21	PK-U	38.7	-21.7	0	57.21	-	-	74	-16.79	-	-	199	179	V
* 11.65	27.21	ADR	38.7	-21.7	09	44.3	54	-9.7	-	-	-	-	199	179	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