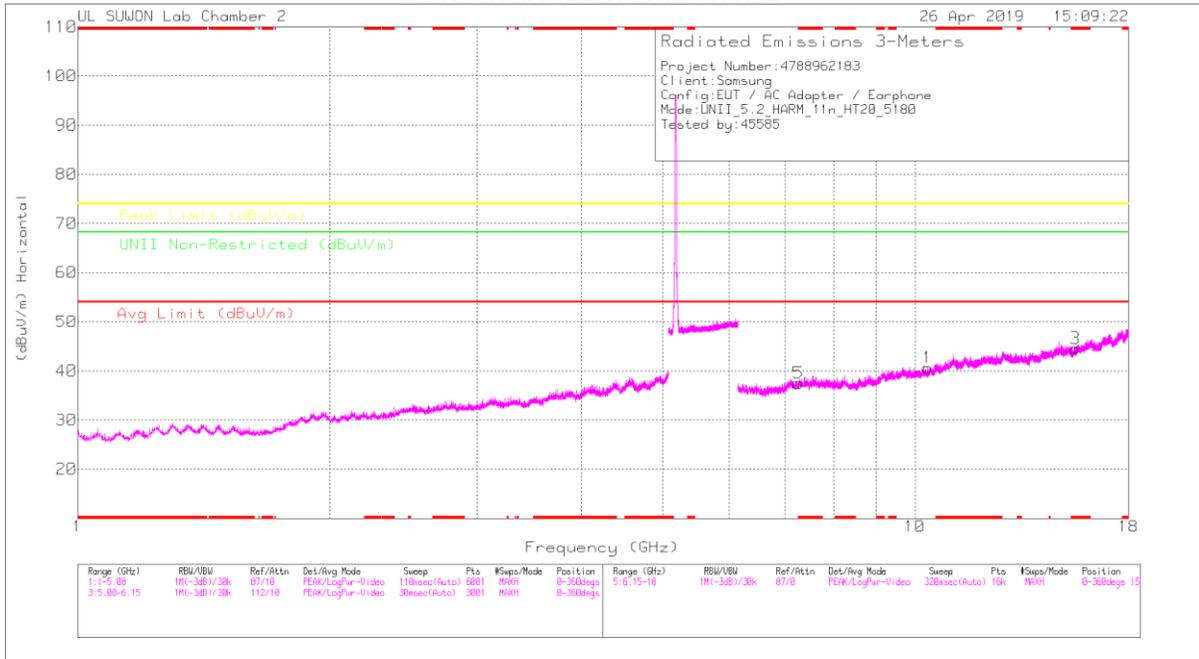
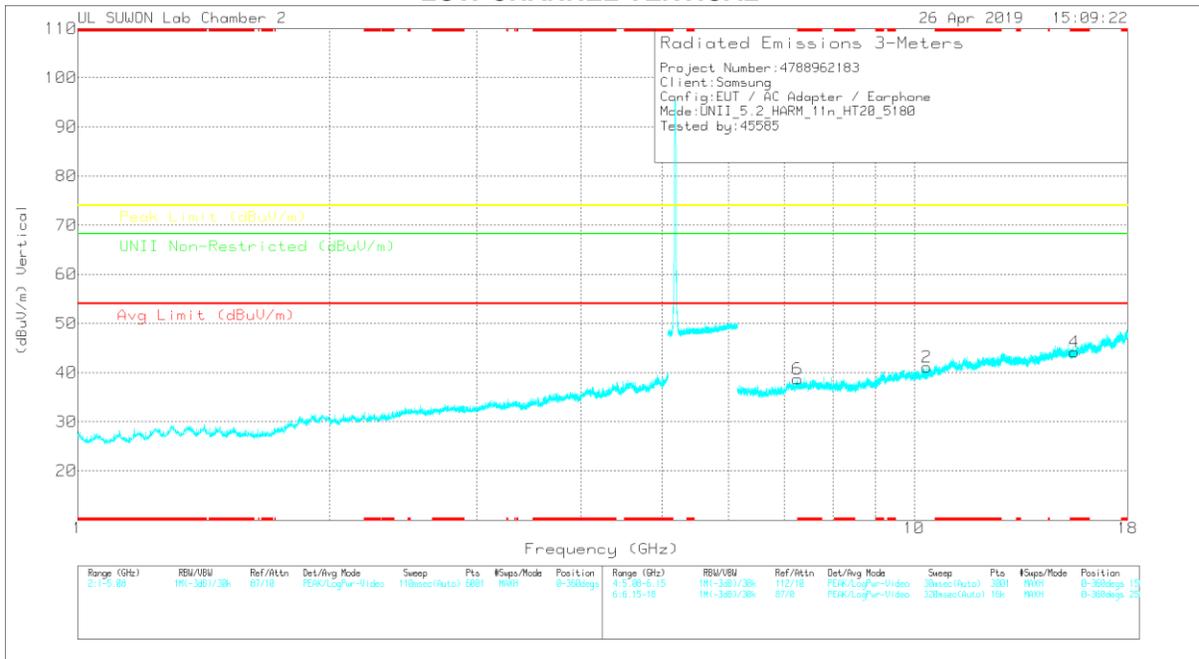


HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

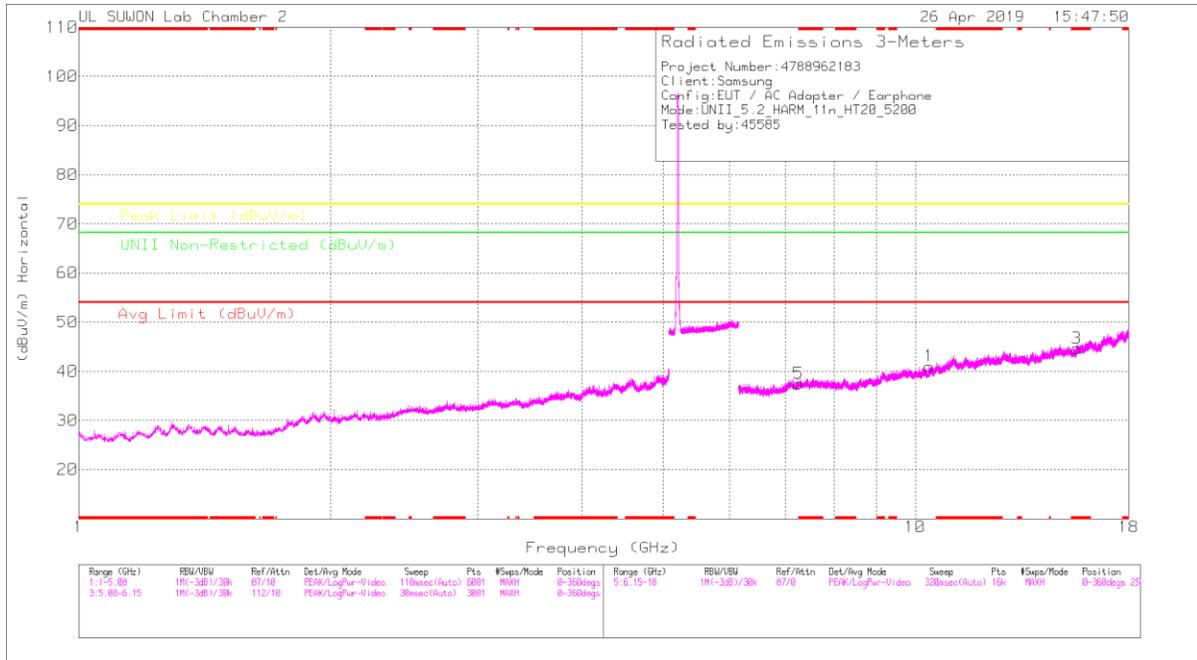
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00188724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Agc Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.36	24.13	PK	37.5	-21	0	40.63	-	-	-	-	68.2	-27.57	0-360	150	H
3	* 15.54	24.48	PK	39.9	-19.8	0	44.58	-	-	74	-29.42	-	-	0-360	250	H
5	* 7.259	26.51	PK	36.2	-25.2	0	37.51	-	-	74	-36.49	-	-	0-360	150	H
2	10.359	24.62	PK	37.5	-21	0	41.12	-	-	-	-	68.2	-27.08	0-360	250	V
4	* 15.541	23.95	PK	39.9	-19.7	0	44.15	-	-	74	-29.85	-	-	0-360	250	V
6	* 7.258	27.67	PK	36.2	-25.2	0	38.67	-	-	74	-35.33	-	-	0-360	150	V

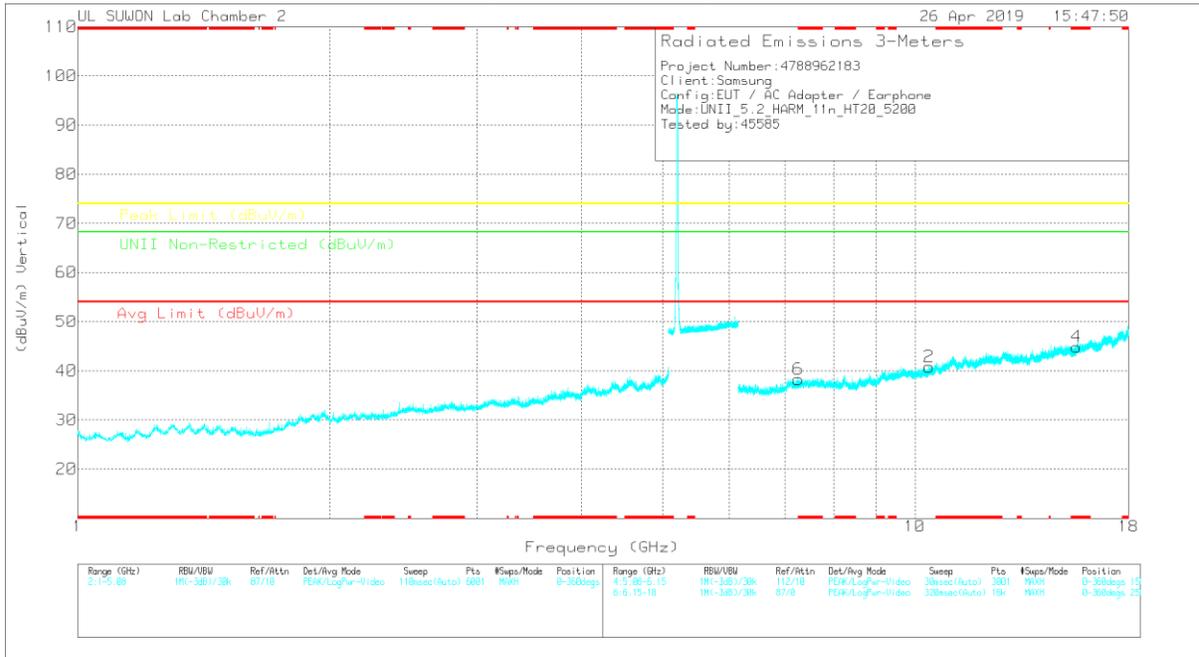
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

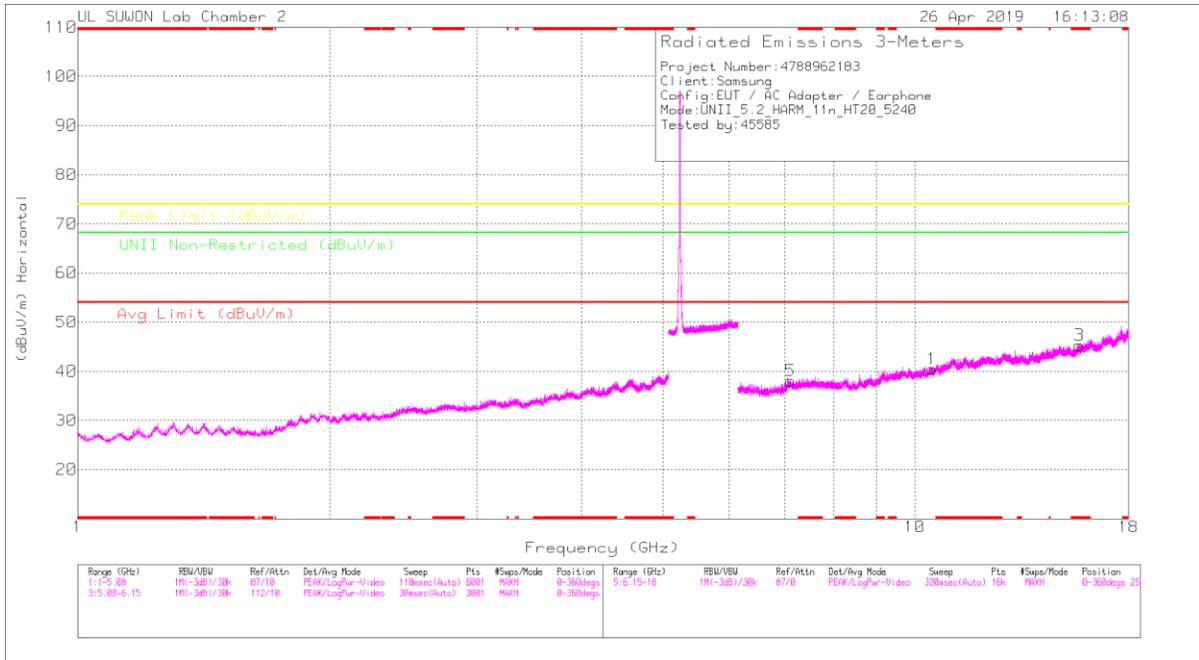
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00188724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Agc Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
1	10.4	24.46	PK	37.6	-21	0	41.06	-	-	-	-	68.2	-27.14	0-360	150	H
3	* 15.601	24.43	PK	40	-19.8	0	44.63	-	-	74	-29.37	-	-	0-360	250	H
5	* 7.256	26.59	PK	36.2	-25.3	0	37.49	-	-	74	-36.51	-	-	0-360	150	H
2	10.4	24.22	PK	37.6	-21	0	40.82	-	-	-	-	68.2	-27.38	0-360	250	V
4	* 15.601	24.67	PK	40	-19.8	0	44.87	-	-	74	-29.13	-	-	0-360	150	V
6	* 7.258	27.27	PK	36.2	-25.2	0	38.27	-	-	74	-35.73	-	-	0-360	150	V

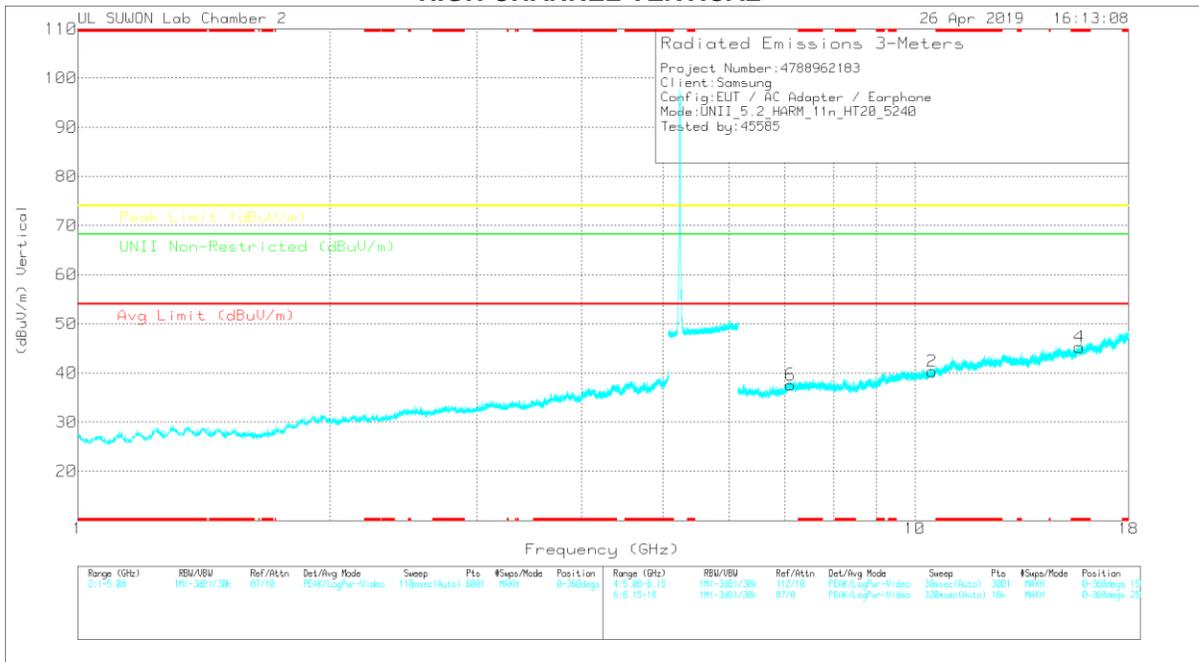
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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_00168724	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.479	23.57	PK	37.7	-20.8	0	40.47	-	-	-	-	68.2	-27.73	0-360	150	H
3	* 15.721	24.67	PK	40.2	-19.6	0	45.27	-	-	74	-28.73	-	-	0-360	250	H
5	7.108	25.72	PK	36	-23.7	0	38.02	-	-	-	-	68.2	-30.18	0-360	250	H
2	10.479	23.42	PK	37.7	-20.8	0	40.52	-	-	-	-	68.2	-27.88	0-360	150	V
4	* 15.721	24.67	PK	40.2	-19.6	0	45.27	-	-	74	-28.73	-	-	0-360	250	V
6	7.108	25.29	PK	36	-23.7	0	37.59	-	-	-	-	68.2	-30.61	0-360	250	V

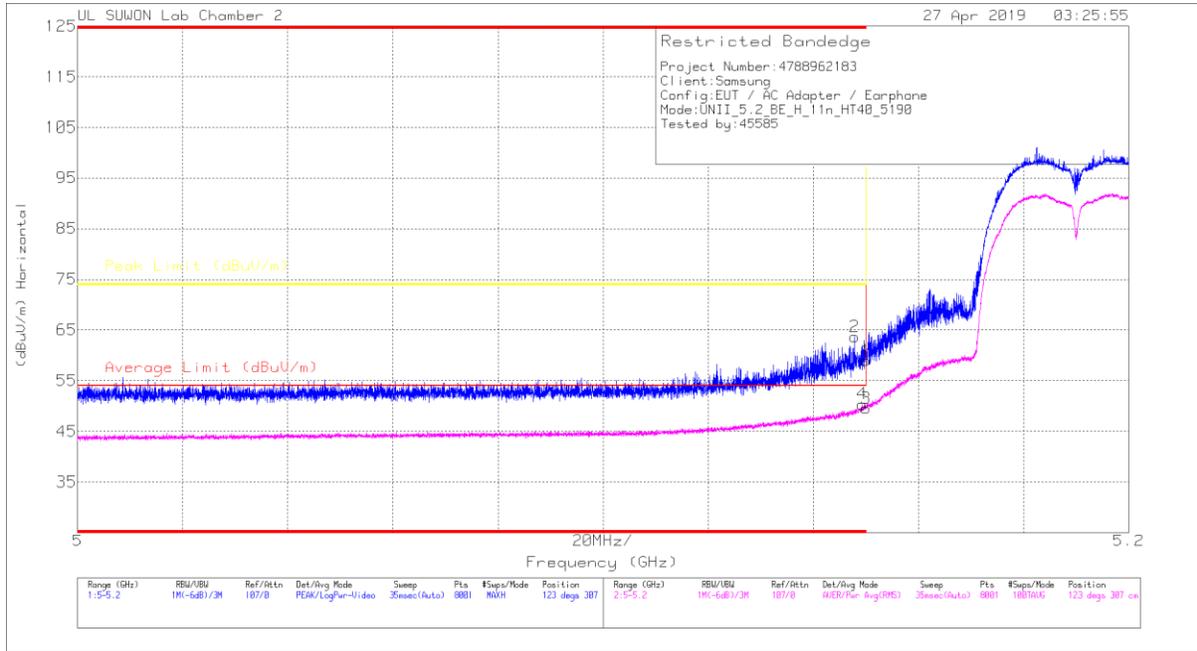
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.1.3.TX Above 1GHz 802.11n HT40 MODE IN THE 5.2GHZ BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

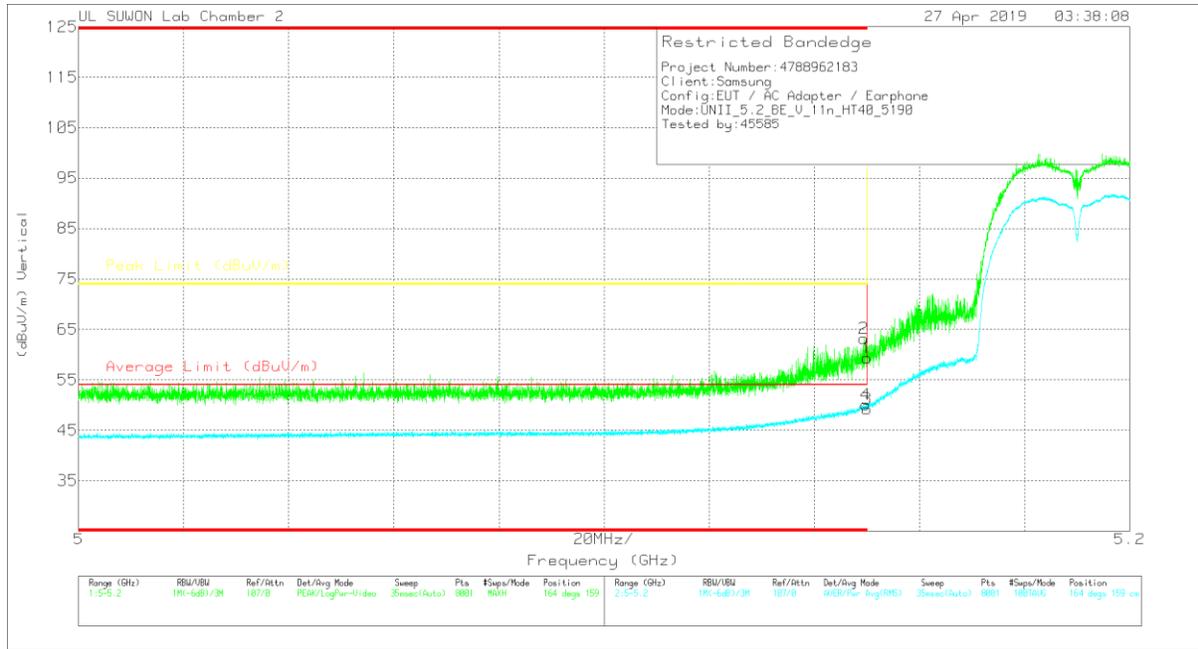
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	42.93	Pk		-18.2	0	59.03	-	-	74	-14.97	123	307	H
2	* 5.148	47.44	Pk		-18.1	0	63.64	-	-	74	-10.36	123	307	H
3	5.15	32.2	RMS		-17.3	.41	49.61	54	-4.39	-	-	123	307	H
4	* 5.149	32.98	RMS		-17.3	.41	50.39	54	-3.61	-	-	123	307	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 (dBu/m)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
1	5.15	43.3	Pk	34.3	-18.2	0	59.4	-	-	74	-14.6	164	159	V
2	* 5.149	47.14	Pk	34.3	-18.2	0	63.24	-	-	74	-10.76	164	159	V
3	5.15	31.76	RMS	34.3	-17.3	-41	49.17	54	-4.83	-	-	164	159	V
4	* 5.15	32.71	RMS	34.3	-17.3	-41	50.12	54	-3.88	-	-	164	159	V

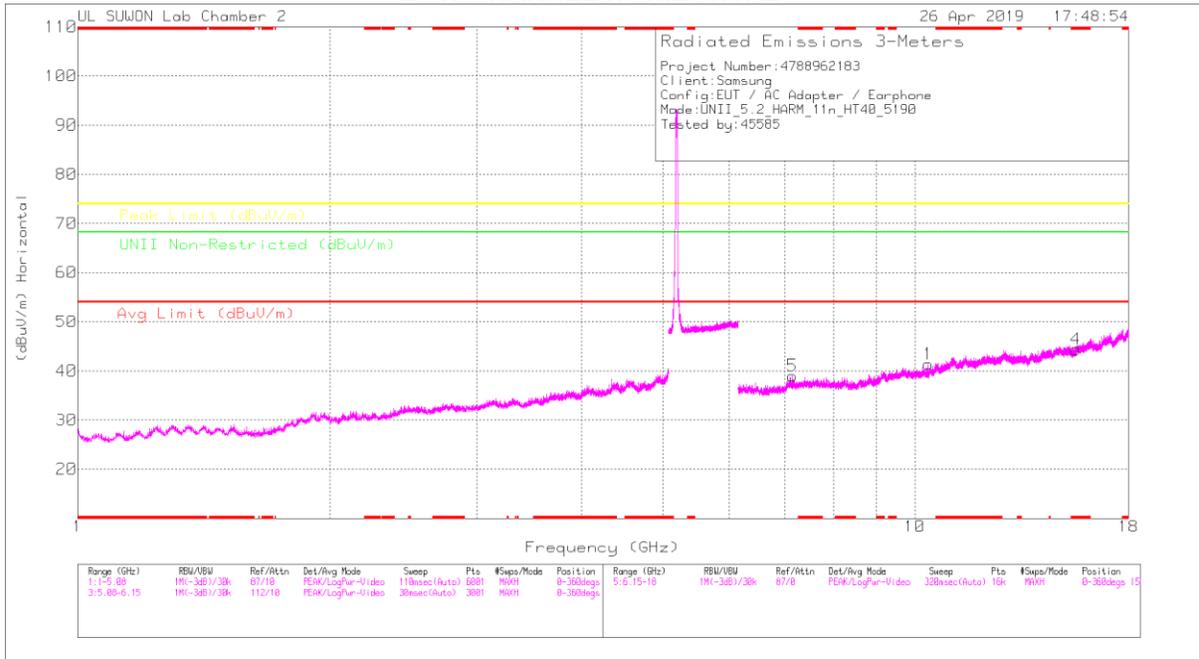
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

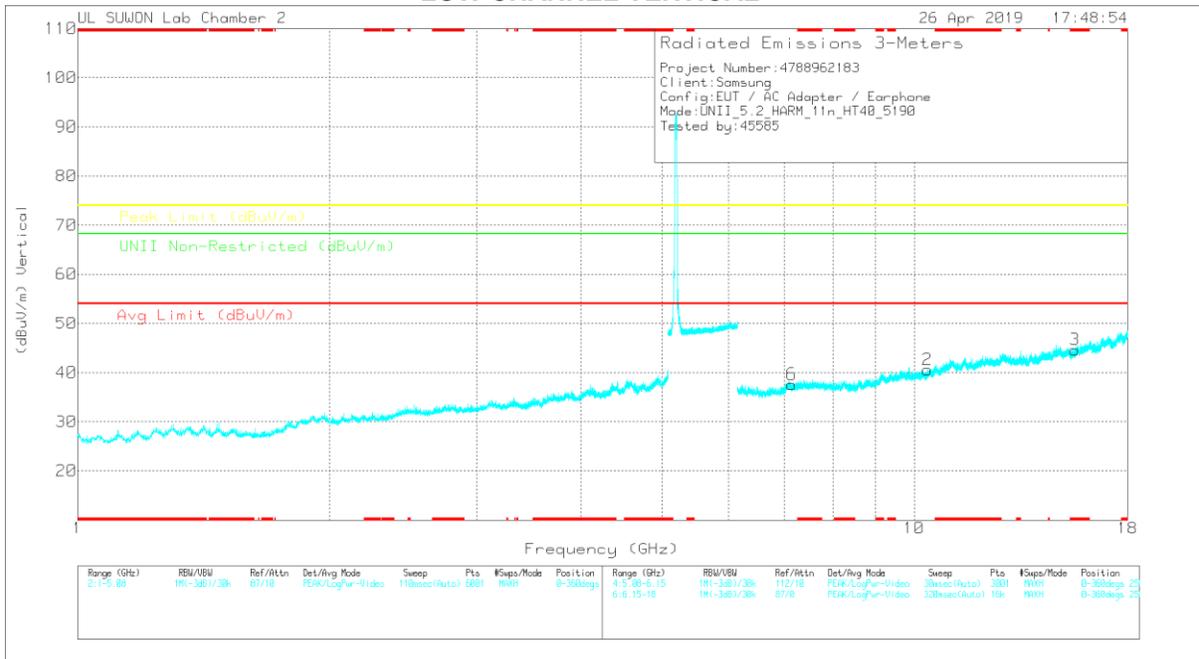
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

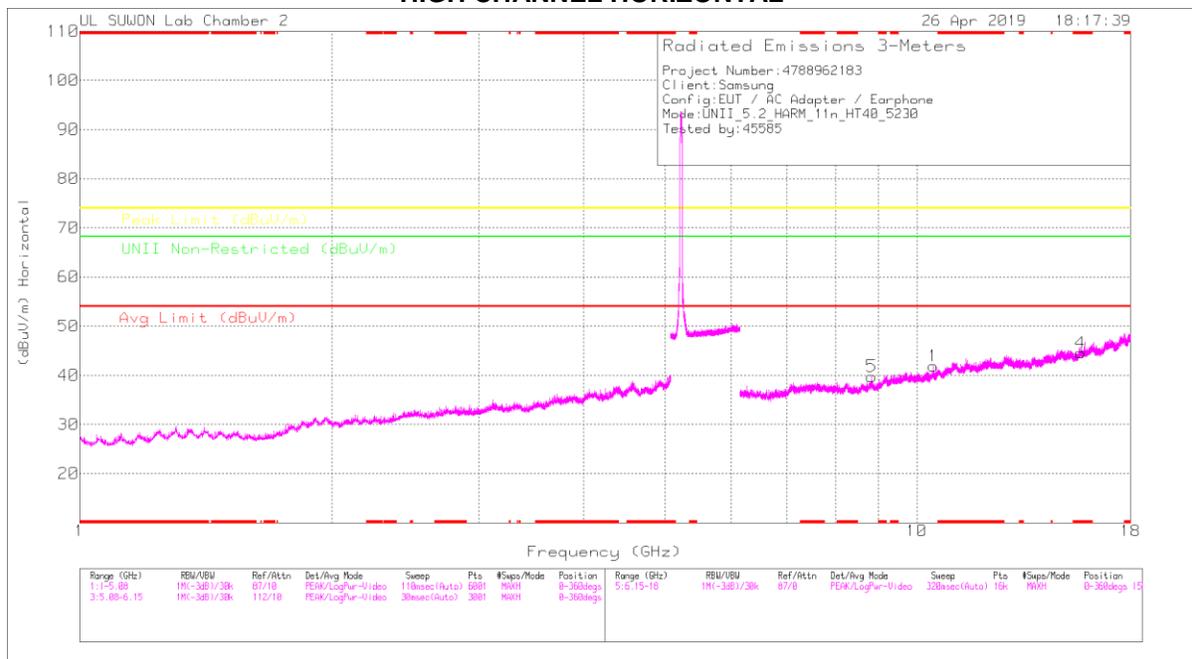
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00188724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.379	24.8	PK	37.6	-21	0	41.4	-	-	-	-	68.2	-26.8	0-360	250	H
4	* 15.574	24.09	PK	40	-19.7	0	44.39	-	-	74	-29.61	-	-	0-360	250	H
5	7.144	27.28	PK	36	-24.3	0	38.98	-	-	-	-	68.2	-29.22	0-360	150	H
2	10.379	23.97	PK	37.6	-21	0	40.57	-	-	-	-	68.2	-27.63	0-360	250	V
3	* 15.566	24.42	PK	40	-19.8	0	44.62	-	-	74	-29.38	-	-	0-360	250	V
6	7.146	25.91	PK	36	-24.3	0	37.61	-	-	-	-	68.2	-30.59	0-360	250	V

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

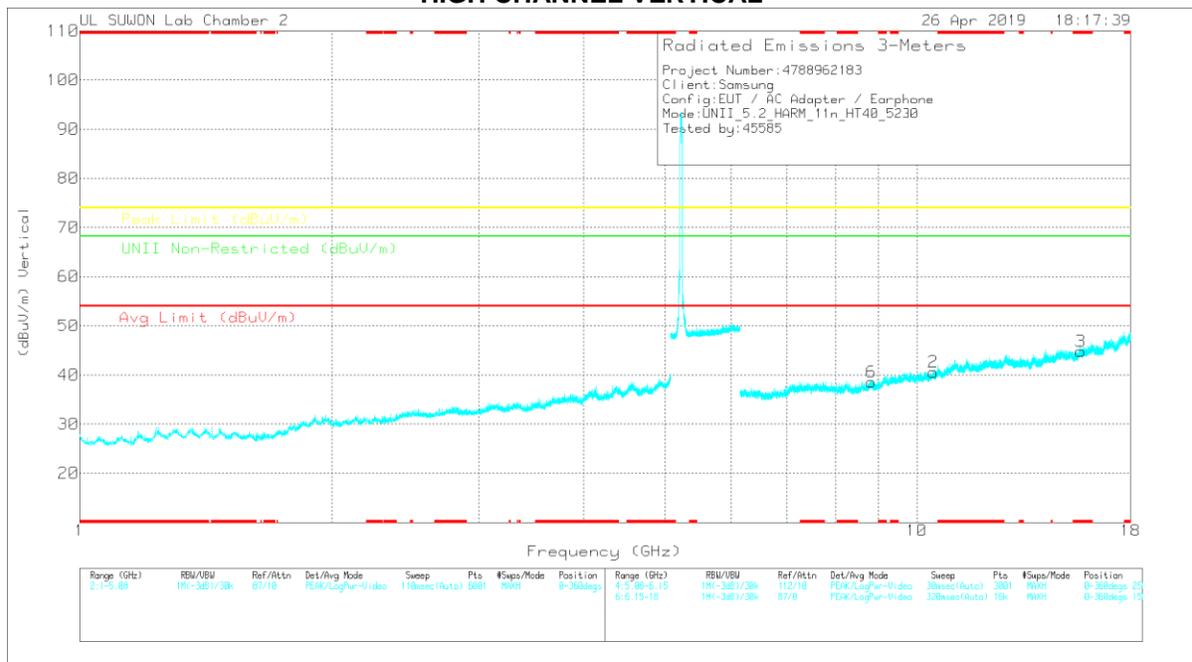
PK – Peak Detector

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)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.46	24.96	PK		37.6	-20.7	0	41.88	-	-	-	68.2	-26.32	0-360	250	H
4	* 15.693	24.13	PK		40.2	-19.8	0	44.53	-	74	-29.47	-	-	0-360	250	H
5	8.832	25.56	PK		36.4	-22.2	0	39.76	-	-	-	68.2	-28.44	0-360	250	H
2	10.46	23.67	PK		37.6	-20.7	0	40.57	-	-	-	68.2	-27.63	0-360	250	V
3	* 15.695	24.31	PK		40.2	-19.7	0	44.81	-	74	-29.19	-	-	0-360	150	V
6	8.829	24.29	PK		36.4	-22.1	0	38.59	-	-	-	68.2	-29.61	0-360	150	V

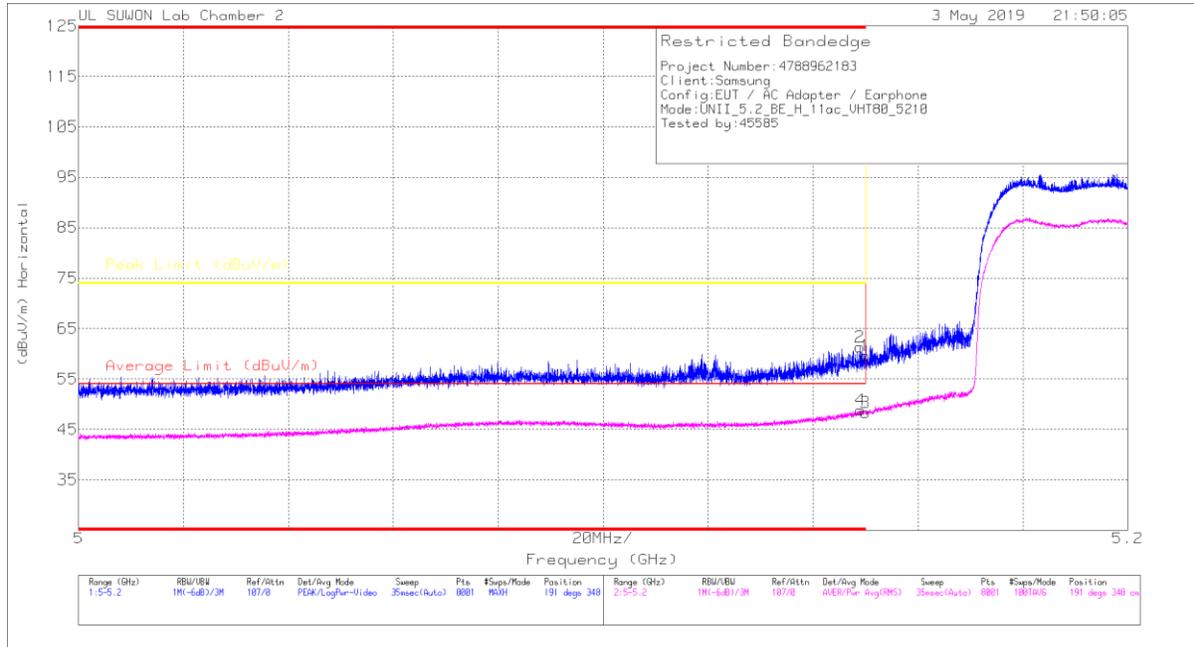
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

**11.1.4.TX Above 1GHz 802.11ac VHT80 MODE IN THE 5.2GHZ BAND
 RESTRICTED BANDEDGE (MID CHANNEL, Lowest BANDEDGE)**

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

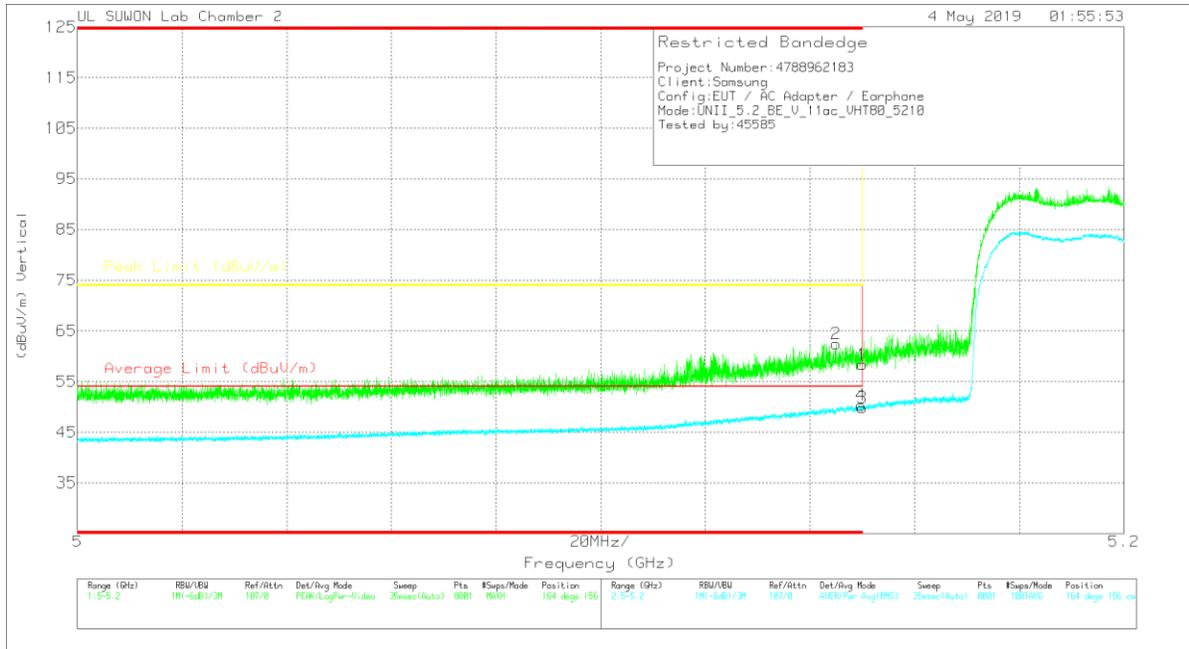
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	43.56	Pk	34.3	-18.2	0	59.66	-	-	74	-14.34	191	348	H
2	* 5.149	45.23	Pk	34.3	-18.2	0	61.33	-	-	74	-12.67	191	348	H
3	5.15	31.21	RMS	34.3	-17.3	.17	48.38	54	-5.62	-	-	191	348	H
4	* 5.149	31.63	RMS	34.3	-17.3	.17	48.8	54	-5.2	-	-	191	348	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

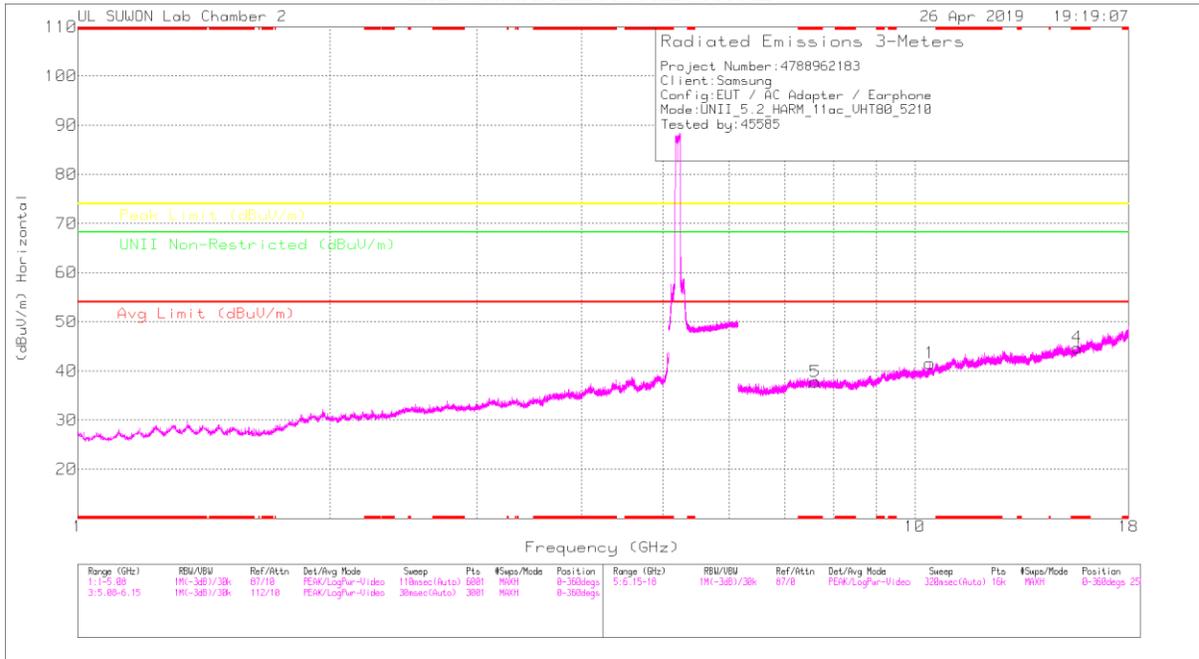
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	42.26	Pk	34.3	-18.2	0	58.36	-	-	74	-15.64	164	156	V
2	* 5.145	46.39	Pk	34.3	-18.2	0	62.49	-	-	74	-11.51	164	156	V
3	5.15	32.64	RMS	34.3	-17.3	.17	49.81	54	-4.19	-	-	164	156	V
4	* 5.15	33.13	RMS	34.3	-17.3	.17	50.3	54	-3.7	-	-	164	156	V

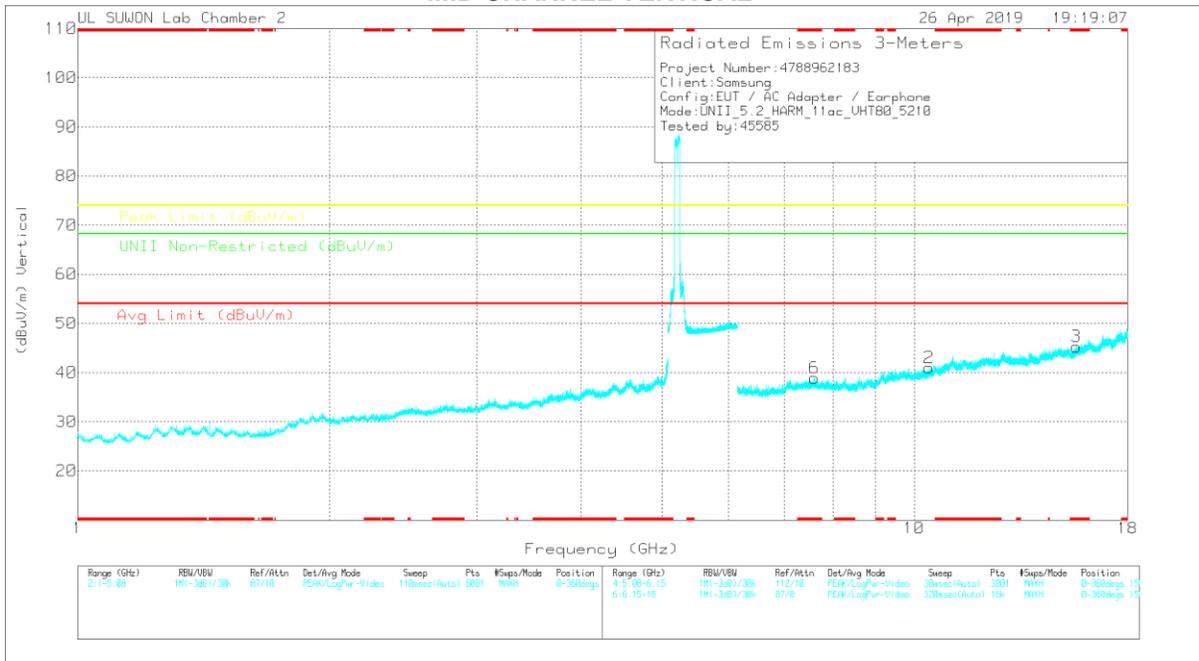
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00188724	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	LNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.42	24.88	PK		37.6	-20.9	0	41.58	-	-	-	68.2	-26.62	0-360	250	H
4	* 15.635	24.54	PK		40.1	-19.9	0	44.74	-	74	-29.26	-	-	0-360	250	H
5	* 7.803	25.67	PK		36.1	-24	0	37.77	-	74	-36.23	-	-	0-360	150	H
2	10.419	24.3	PK		37.6	-20.9	0	41	-	-	-	68.2	-27.2	0-360	150	V
3	* 15.634	24.98	PK		40.1	-19.8	0	45.28	-	74	-28.72	-	-	0-360	250	V
6	* 7.596	26.72	PK		36.1	-23.9	0	38.92	-	74	-35.08	-	-	0-360	250	V

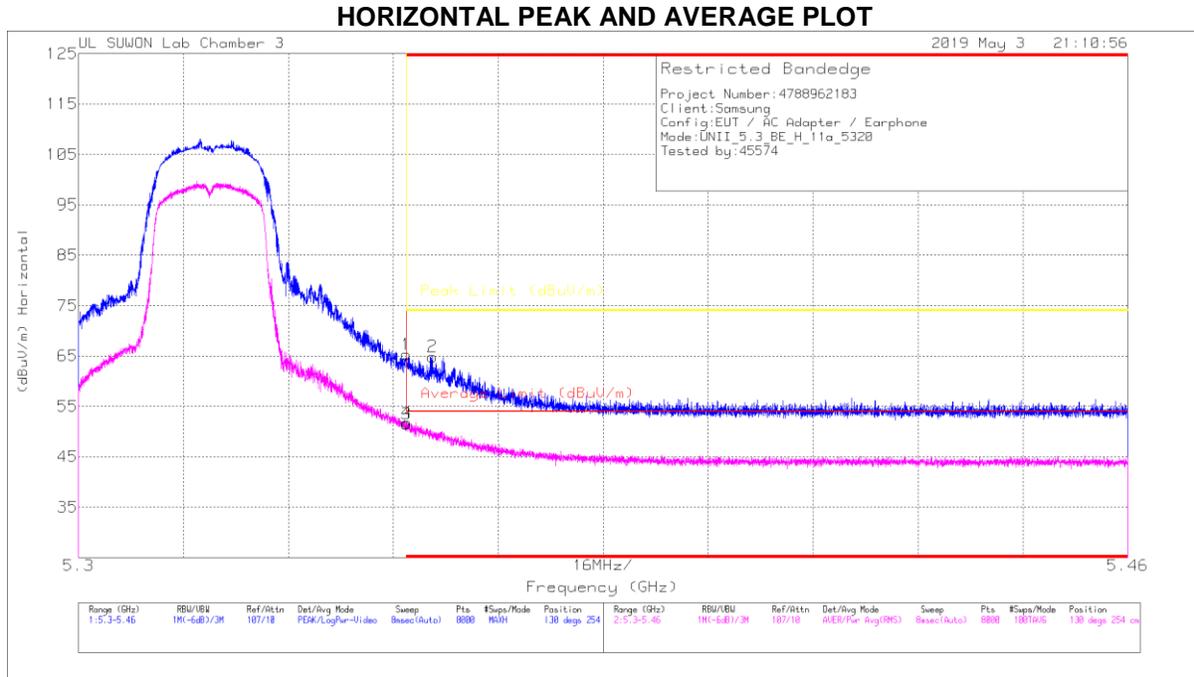
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.2. 5.3 GHz

11.2.1. TX ABOVE 1 GHz 802.11a MODE IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)



HORIZONTAL DATA

Trace Markers

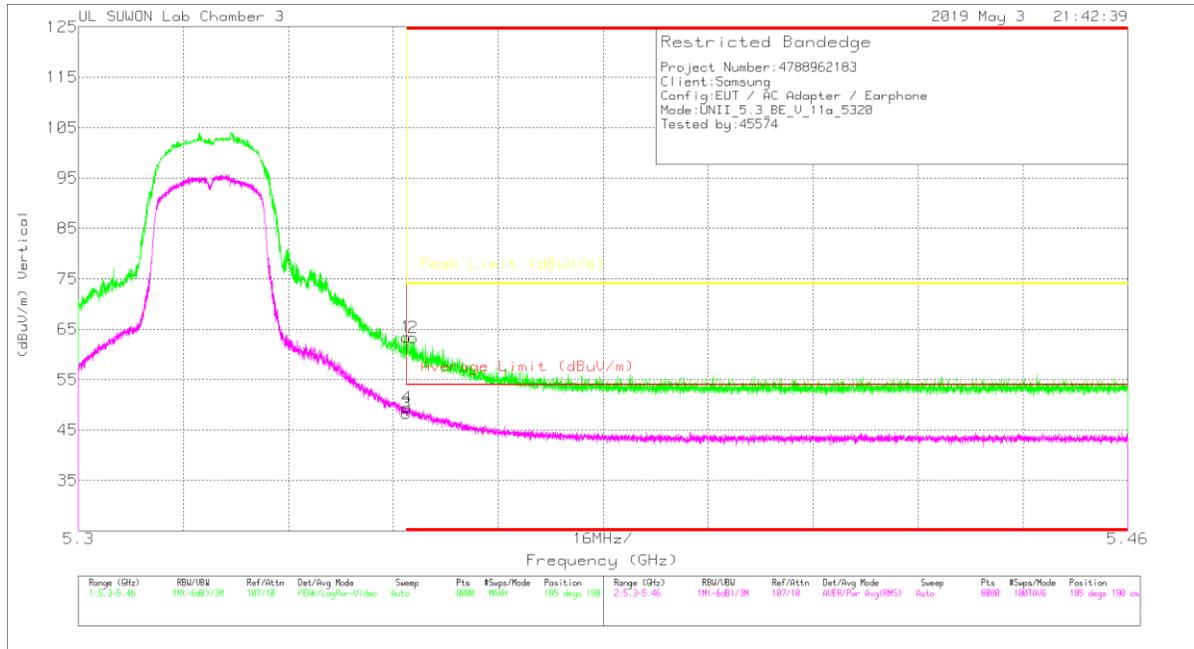
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	49.34	Pk	34.7	-18.7	0	65.34	-	-	74	-8.66	130	254	H
2	* 5.354	48.88	Pk	34.7	-18.7	0	64.88	-	-	74	-9.12	130	254	H
3	* 5.35	35.68	RMS	34.7	-19.1	.2	51.48	54	-2.52	-	-	130	254	H
4	* 5.35	36.02	RMS	34.7	-19.1	.2	51.82	54	-2.18	-	-	130	254	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

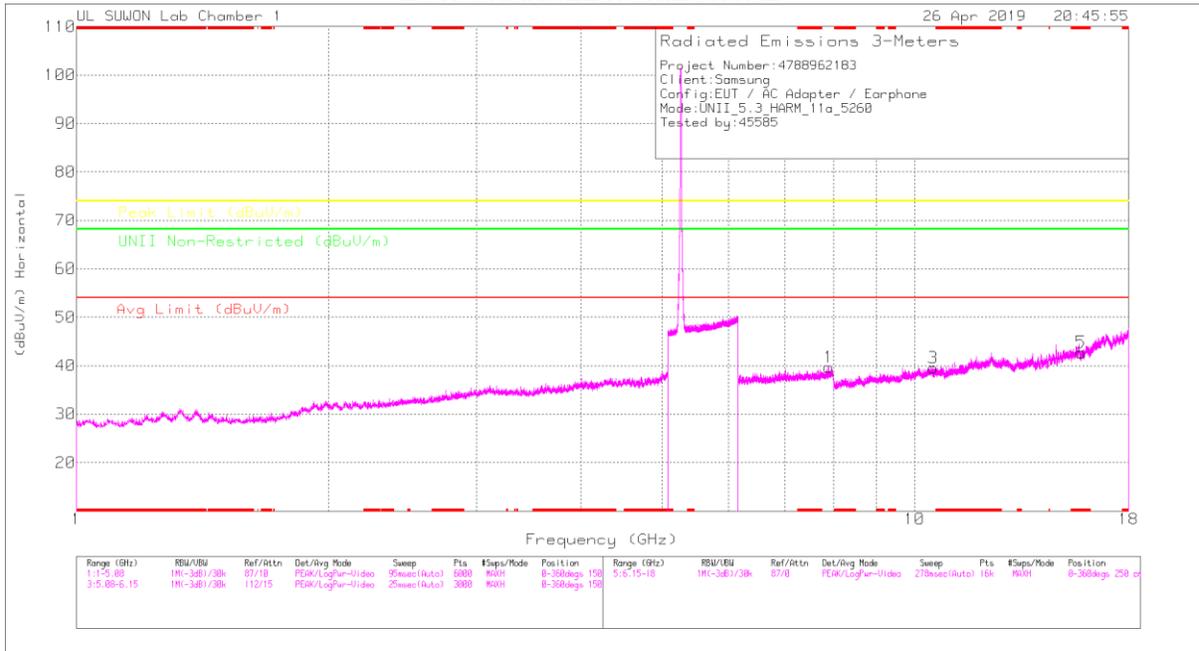
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	47.46	Pk	34.7	-18.7	0	63.46	-	-	74	-10.54	185	190	V
2	* 5.351	47.28	Pk	34.7	-18.7	0	63.28	-	-	74	-10.72	185	190	V
3	* 5.35	32.5	RMS	34.7	-19.1	.2	48.3	54	-5.7	-	-	185	190	V
4	* 5.35	33.66	RMS	34.7	-19.1	.2	49.46	54	-4.54	-	-	185	190	V

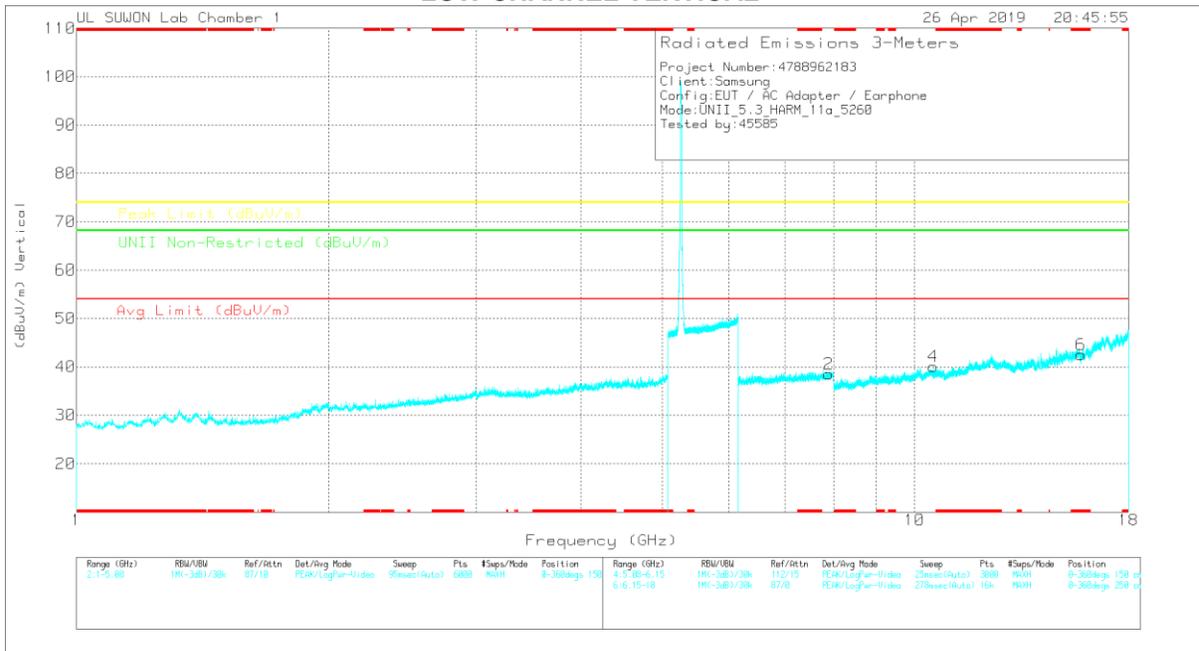
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

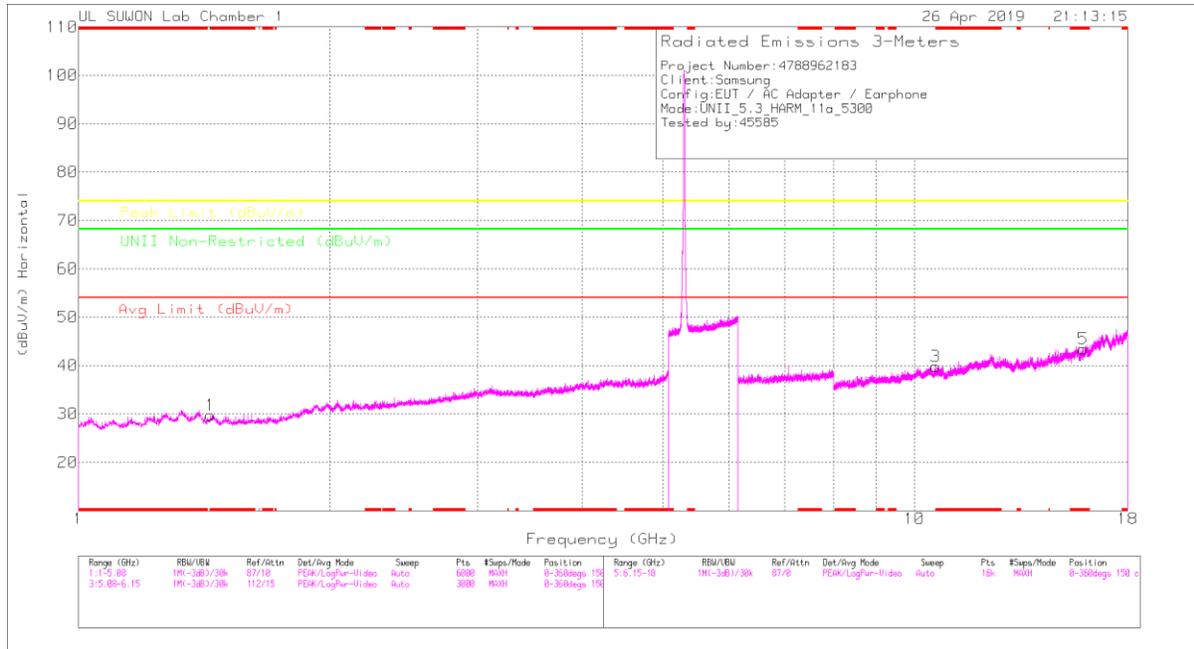
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0018717	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.894	30.14	PK	36	-26.4	0	39.74	-	-	-	-	68.2	-28.46	0-360	250	H
3	10.52	24.41	PK	37.7	-22.6	0	39.51	-	-	-	-	68.2	-28.69	0-360	250	H
5	* 15.782	23.42	PK	40.5	-21.2	0	42.72	-	-	74	-31.28	-	-	0-360	250	H
2	7.897	28.89	PK	36	-26.4	0	38.49	-	-	-	-	68.2	-29.71	0-360	250	V
4	10.52	25	PK	37.7	-22.6	0	40.1	-	-	-	-	68.2	-28.1	0-360	250	V
6	* 15.785	23.26	PK	40.5	-21.2	0	42.56	-	-	74	-31.44	-	-	0-360	250	V

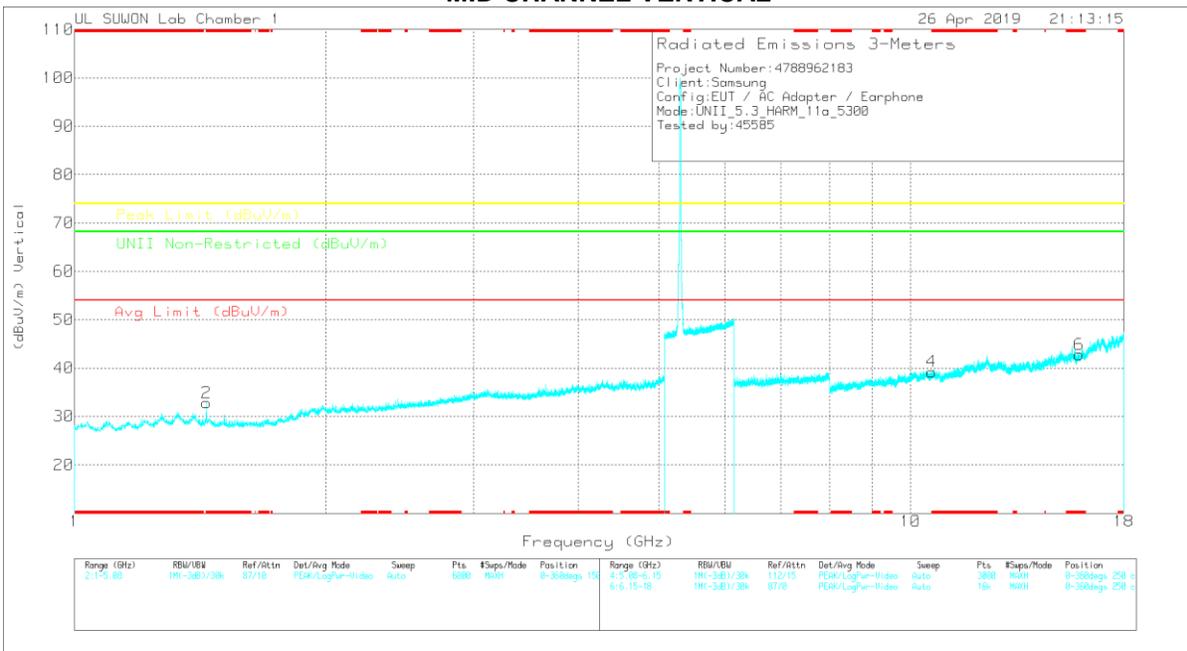
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	5GHz_LP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43799	37.18	PK	29	-36.4	0	29.78	-	-	74	-44.22	-	-	0-360	250	H
2	* 1.43731	40.21	PK	29	-36.4	0	32.81	-	-	74	-41.19	-	-	0-360	150	V

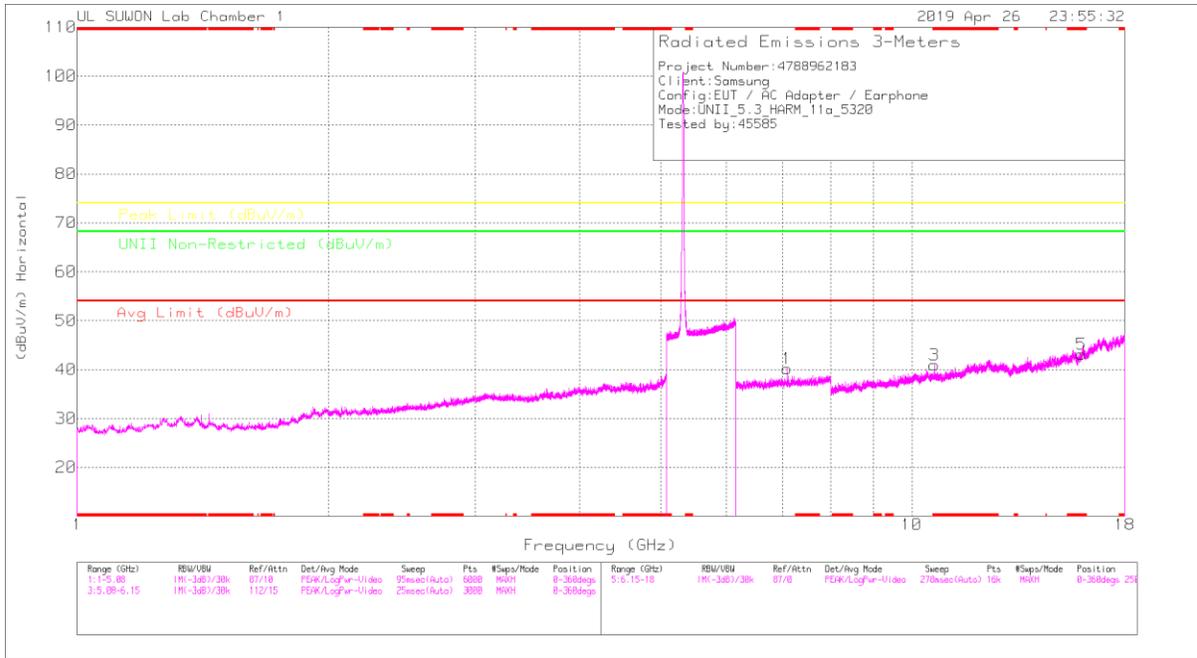
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	5GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
3	10.59921	24.3	PK	37.8	-22.3	0	39.8	-	-	-	-	68.2	-28.4	0-360	250	H
5	* 15.90464	23.91	PK	40.6	-21.1	0	43.41	-	-	74	-30.59	-	-	0-360	250	H
4	10.59995	23.73	PK	37.8	-22.3	0	39.23	-	-	-	-	68.2	-28.97	0-360	250	V
6	* 15.90634	23.32	PK	40.6	-21.1	0	42.82	-	-	74	-31.18	-	-	0-360	250	V

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

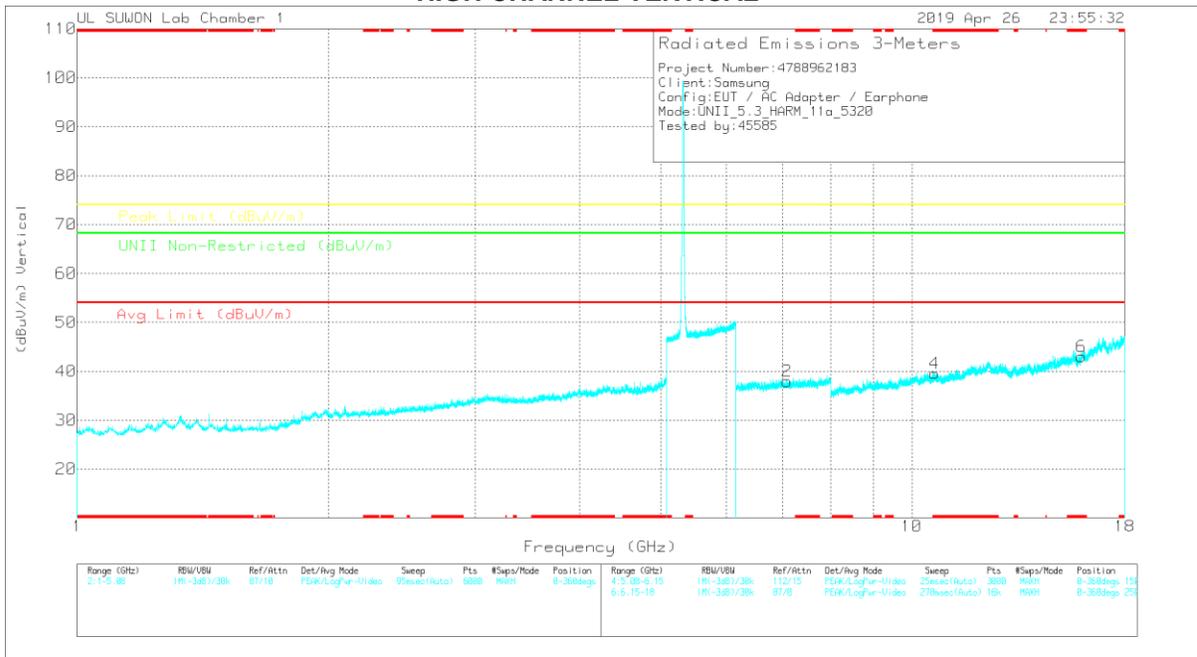
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_30168717	@Hz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.09287	32.09	PK	35.8	-27.7	0	40.19	-	-	-	-	68.2	-28.01	0-360	150	H
3	*10.63958	25.22	PK	37.6	-22.1	0	40.92	-	-	74	-33.08	-	-	0-360	250	H
5	*15.96537	23.23	PK	40.7	-20.8	0	43.13	-	-	74	-30.87	-	-	0-360	150	H
2	7.09065	29.87	PK	35.8	-27.7	0	37.97	-	-	-	-	68.2	-30.23	0-360	150	V
4	*10.64217	23.87	PK	37.8	-22.1	0	39.57	-	-	74	-34.43	-	-	0-360	250	V
6	*15.96834	23.11	PK	40.7	-20.8	0	43.01	-	-	74	-30.99	-	-	0-360	150	V

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

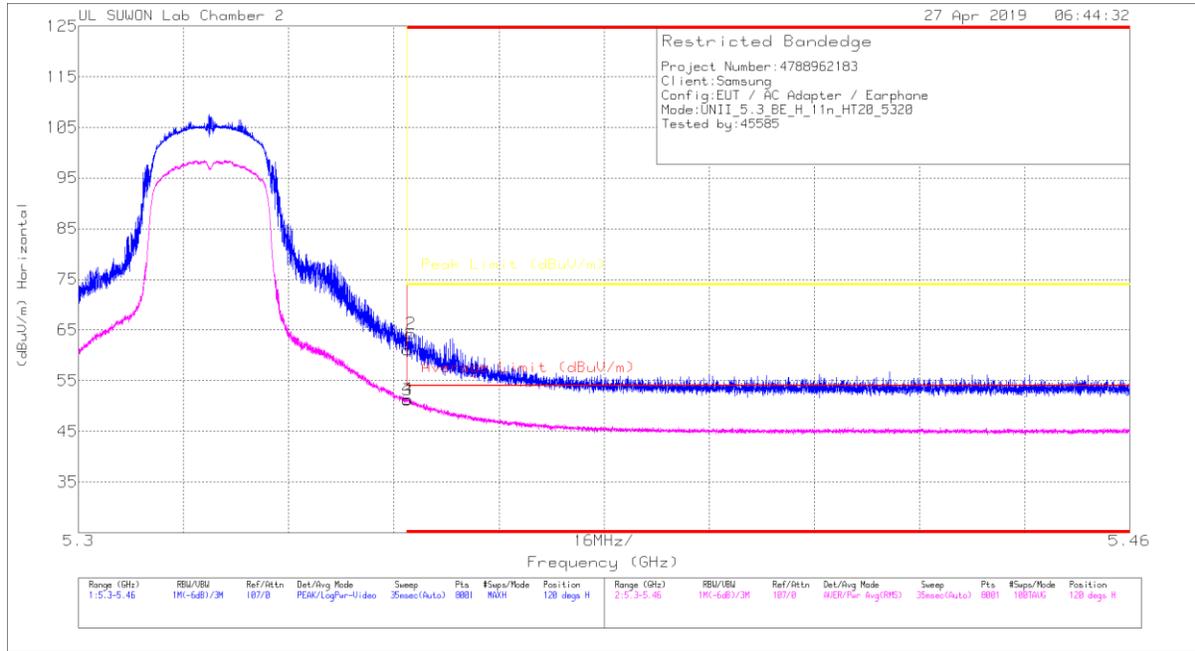
PK – Peak Detector

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

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

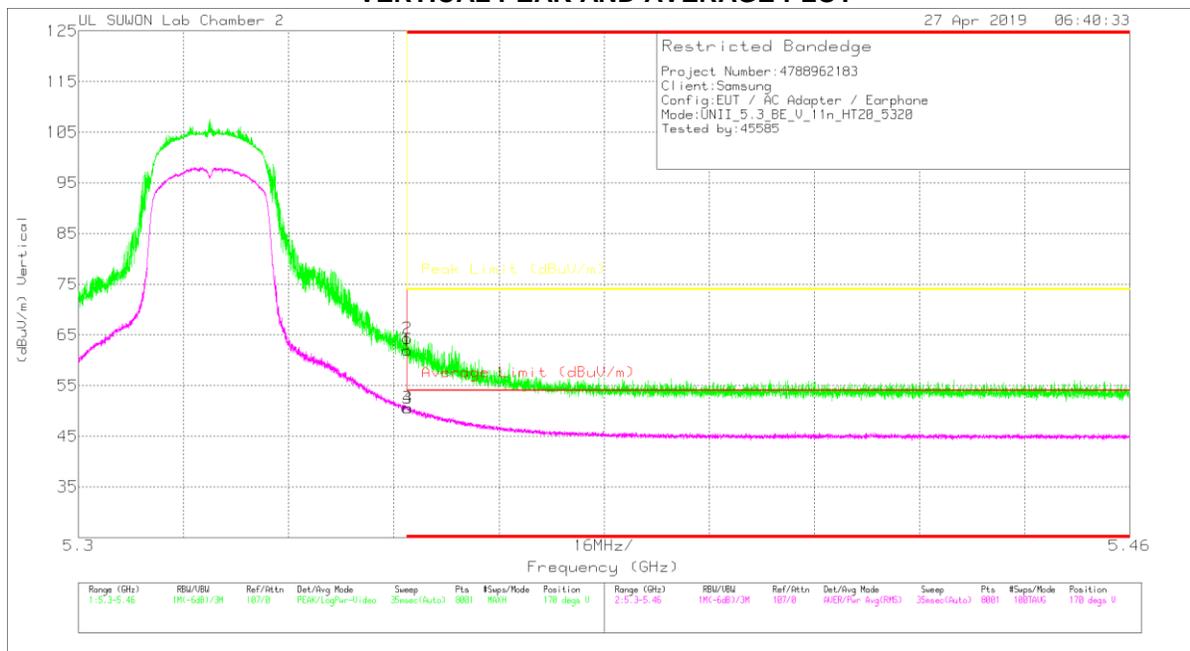
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	44.75	Pk	34.5	-18.1	0	61.15	-	-	74	-12.85	120	264	H
2	* 5.351	47.91	Pk	34.5	-18.1	0	64.31	-	-	74	-9.69	120	264	H
3	* 5.35	33.62	RMS	34.5	-17.1	.19	51.21	54	-2.79	-	-	120	264	H
4	* 5.35	33.79	RMS	34.5	-17.1	.19	51.38	54	-2.62	-	-	120	264	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	* 5.35	45.59	Pk	34.5	-18.1	0	61.99	-	-	74	-12.01	170	164	V
2	* 5.35	47.94	Pk	34.5	-18.1	0	64.34	-	-	74	-9.66	170	164	V
3	* 5.35	33.02	RMS	34.5	-17.1	19	50.61	54	-3.39	-	-	170	164	V
4	* 5.35	33.04	RMS	34.5	-17.1	19	50.63	54	-3.37	-	-	170	164	V

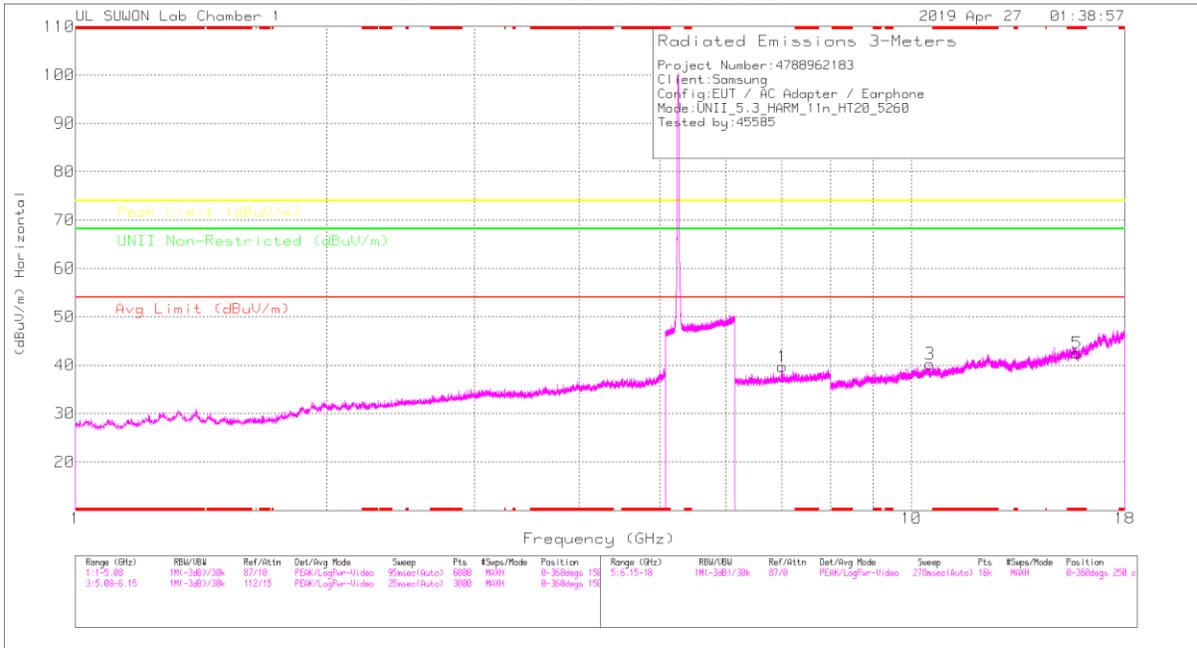
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

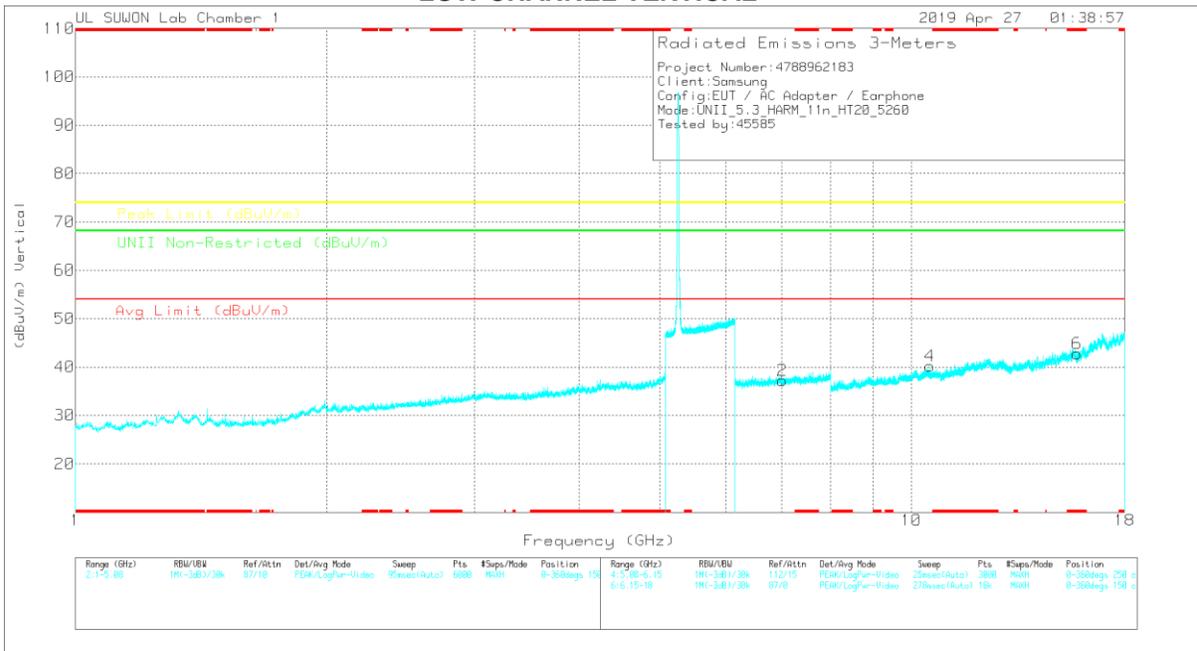
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

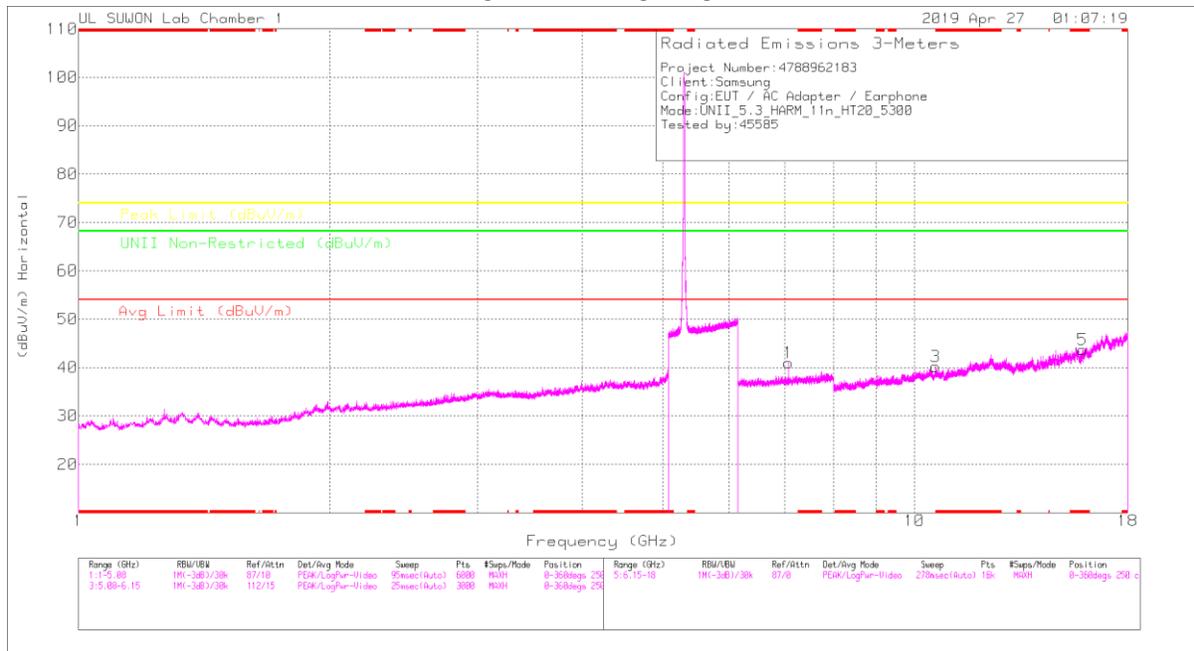
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.01288	31.85	PK	35.7	-27.9	0	39.65	-	-	-	-	68.2	-28.55	0-360	250	H
3	10.51996	25.16	PK	37.7	-22.6	0	40.26	-	-	-	-	68.2	-27.94	0-360	250	H
5	*15.77798	23.28	PK	40.5	-21.2	0	42.58	-	-	74	-31.42	-	-	0-360	250	H
2	7.01288	29.46	PK	35.7	-27.9	0	37.26	-	-	-	-	68.2	-30.94	0-360	150	V
4	10.51996	25.13	PK	37.7	-22.6	0	40.23	-	-	-	-	68.2	-27.97	0-360	250	V
6	*15.78095	23.45	PK	40.5	-21.2	0	42.75	-	-	74	-31.25	-	-	0-360	250	V

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

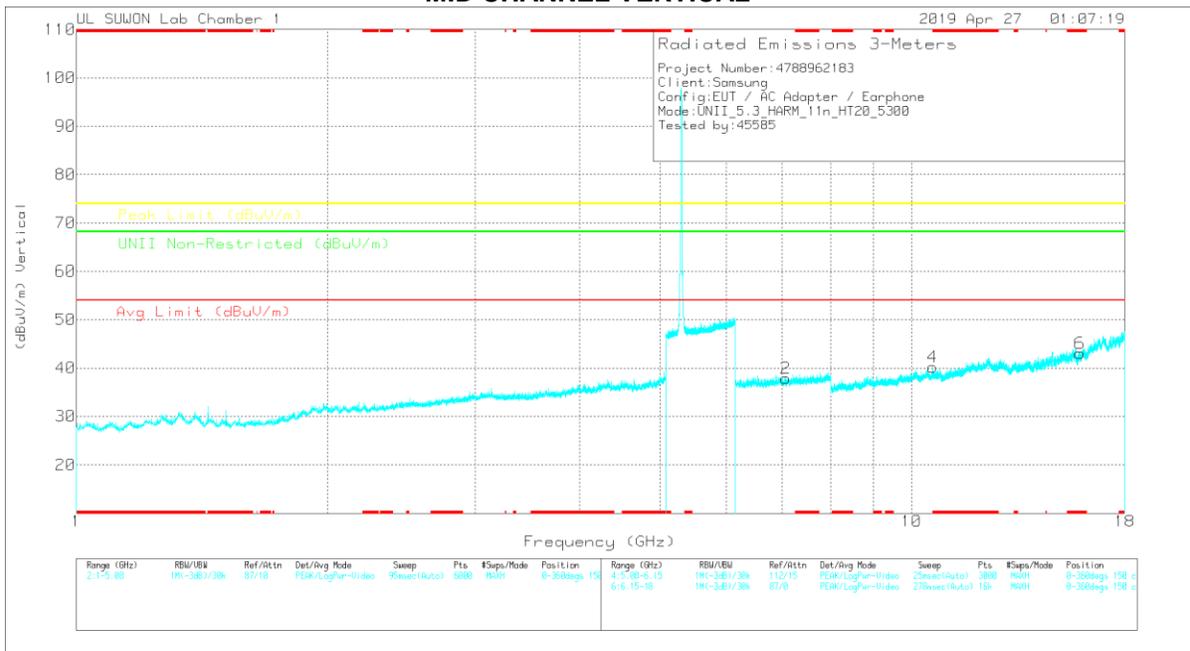
PK – Peak Detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

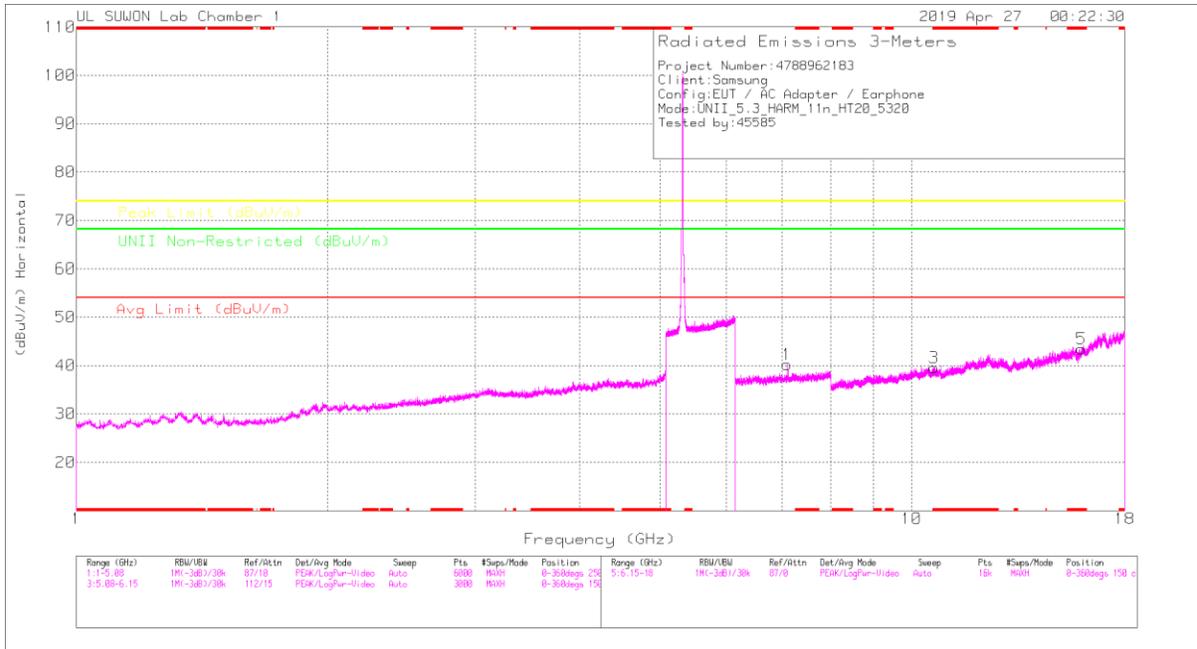
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.06621	32.99	PK		35.8	-27.8	0	40.99	-	-	-	68.2	-27.21	0-360	150	H
3	10.59995	24.7	PK		37.8	-22.3	0	40.2	-	-	-	68.2	-28	0-360	250	H
5	*15.90019	24.18	PK		40.6	-21.1	0	43.68	-	74	-30.32	-	-	0-360	250	H
2	7.06621	29.9	PK		35.8	-27.8	0	37.9	-	-	-	68.2	-30.3	0-360	150	V
4	10.59995	24.7	PK		37.8	-22.3	0	40.2	-	-	-	68.2	-28	0-360	250	V
6	*15.90242	23.49	PK		40.6	-21.1	0	42.99	-	74	-31.01	-	-	0-360	150	V

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

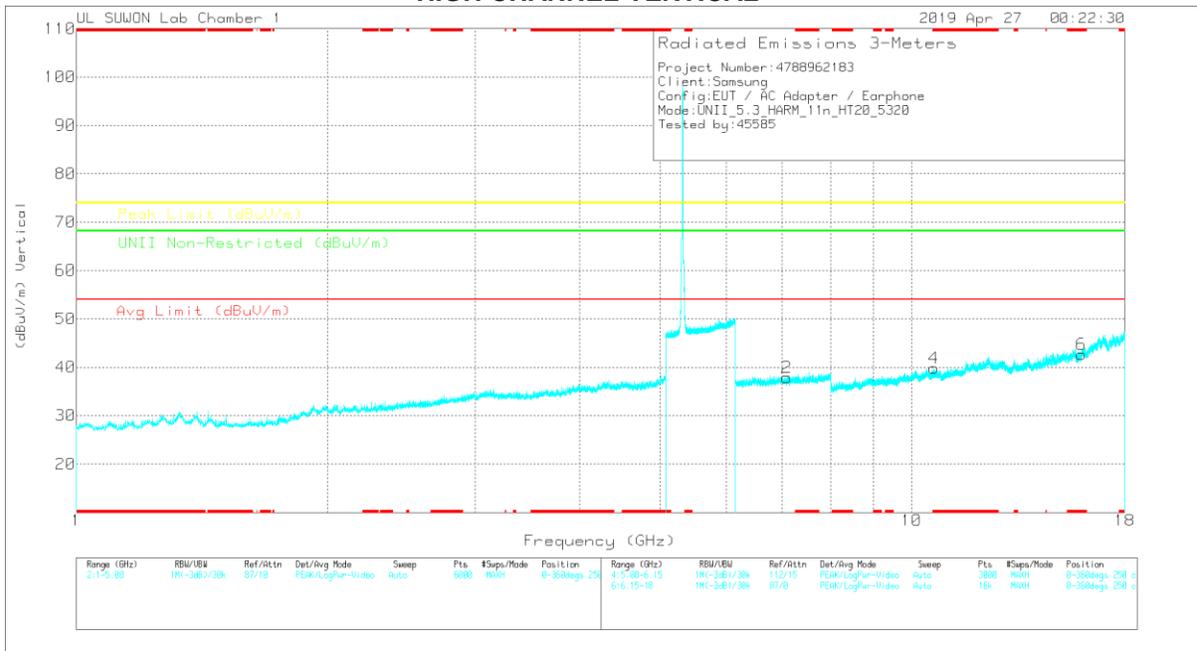
PK – Peak Detector

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

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	@Hz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.09287	32.05	PK	35.8	-27.7	0	40.15	-	-	-	-	68.2	-28.05	0-360	150	H
3	*10.63921	23.8	PK	37.6	-22.1	0	39.5	-	-	74	-34.5	-	-	0-360	250	H
5	*15.96315	23.48	PK	40.7	-20.8	0	43.38	-	-	74	-30.62	-	-	0-360	250	H
2	7.08695	29.77	PK	35.8	-27.7	0	37.87	-	-	-	-	68.2	-30.33	0-360	150	V
4	*10.63995	24.09	PK	37.8	-22.1	0	39.79	-	-	74	-34.21	-	-	0-360	250	V
6	*15.96463	22.75	PK	40.7	-20.8	0	42.65	-	-	74	-31.35	-	-	0-360	150	V

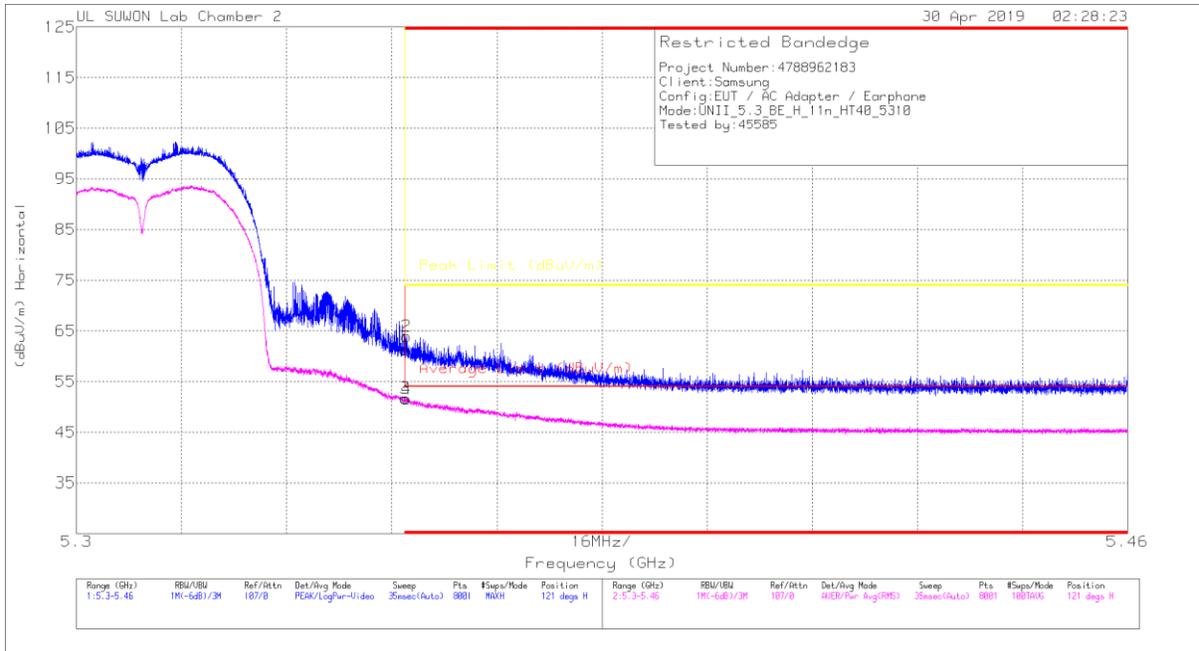
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

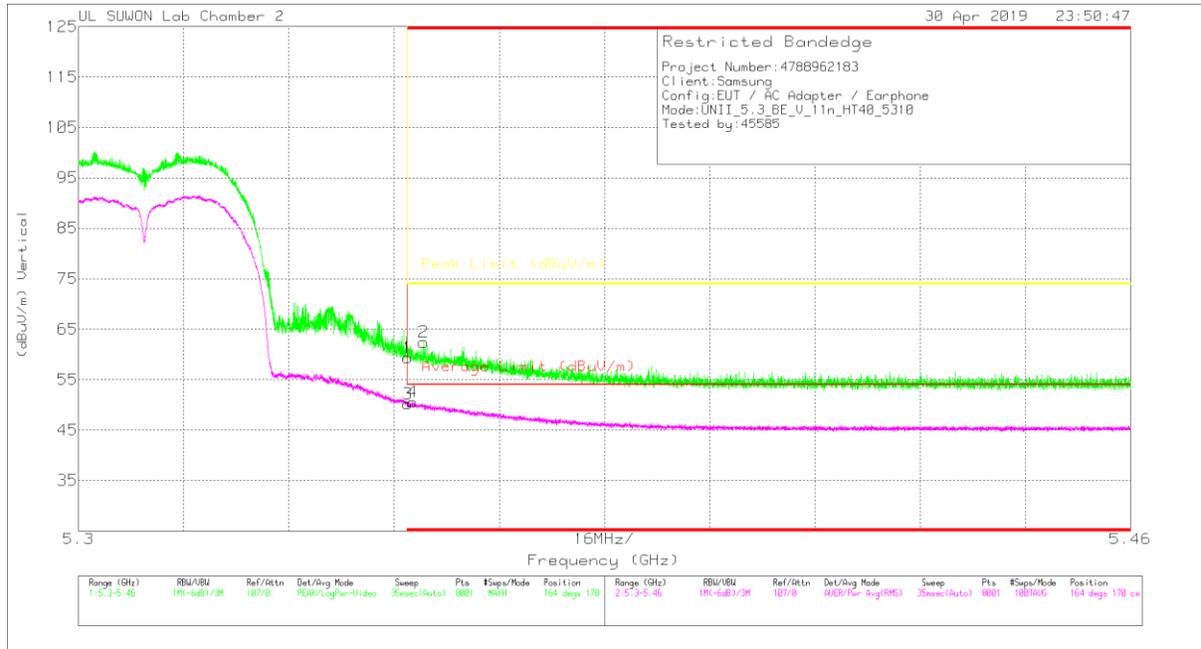
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	44.82	Pk	34.5	-18.1	0	61.22	-	-	74	-12.78	121	219	H
2	* 5.35	47.52	Pk	34.5	-18.1	0	63.92	-	-	74	-10.08	121	219	H
3	* 5.35	33.84	RMS	34.5	-17.1	.41	51.65	54	-2.35	-	-	121	219	H
4	* 5.35	33.78	RMS	34.5	-17.1	.41	51.59	54	-2.41	-	-	121	219	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 (dBu/m)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Deg)	Height (cm)	Polarity
1	* 5.35	42.95	Pk	34.5	-18.1	0	59.35	-	-	74	-14.65	164	170	V
2	* 5.352	45.99	Pk	34.5	-18.1	0	62.39	-	-	74	-11.61	164	170	V
3	* 5.35	32.38	RMS	34.5	-17.1	-41	50.19	54	-3.81	-	-	164	170	V
4	* 5.351	32.75	RMS	34.5	-17.1	-41	50.56	54	-3.44	-	-	164	170	V

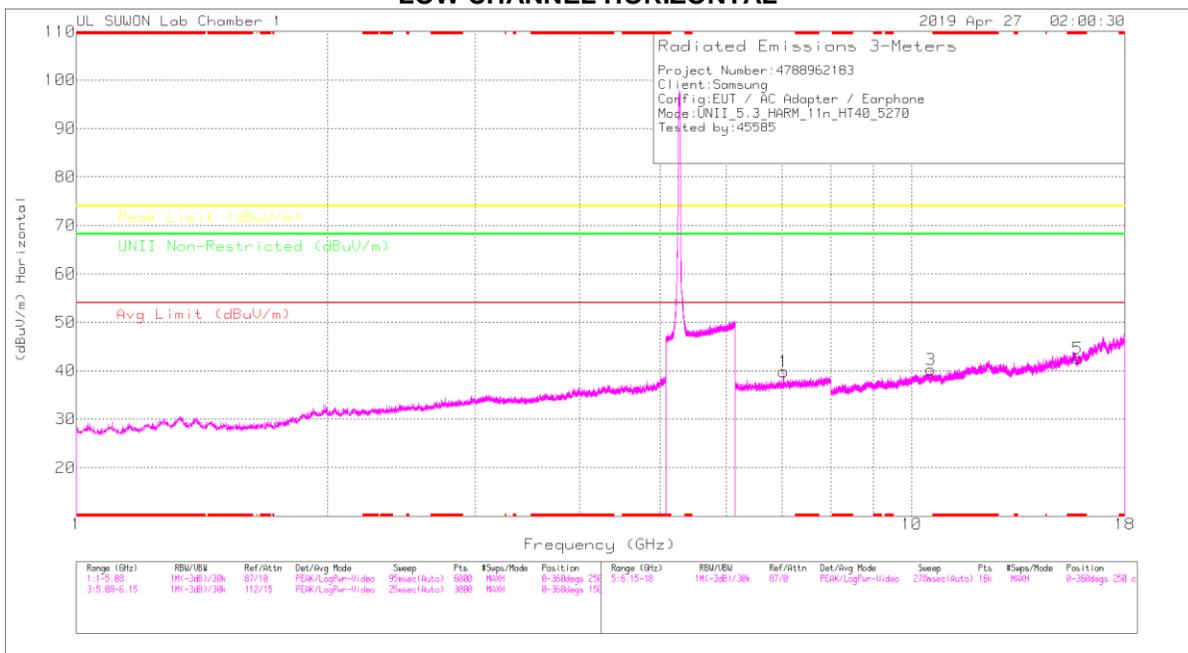
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

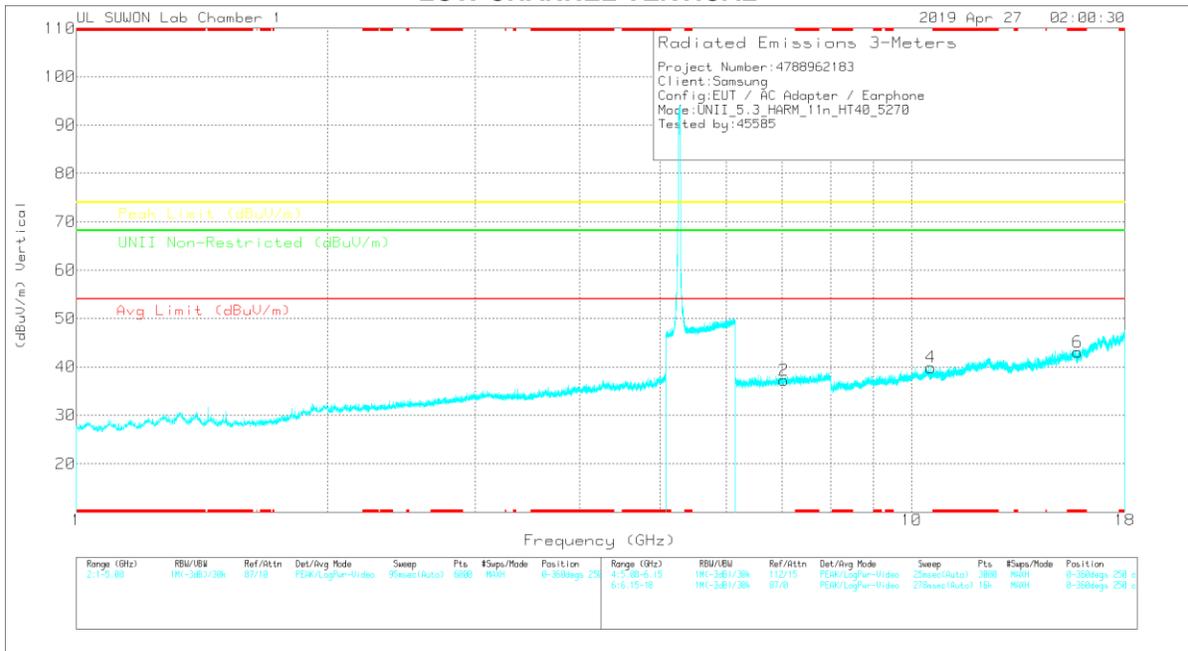
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

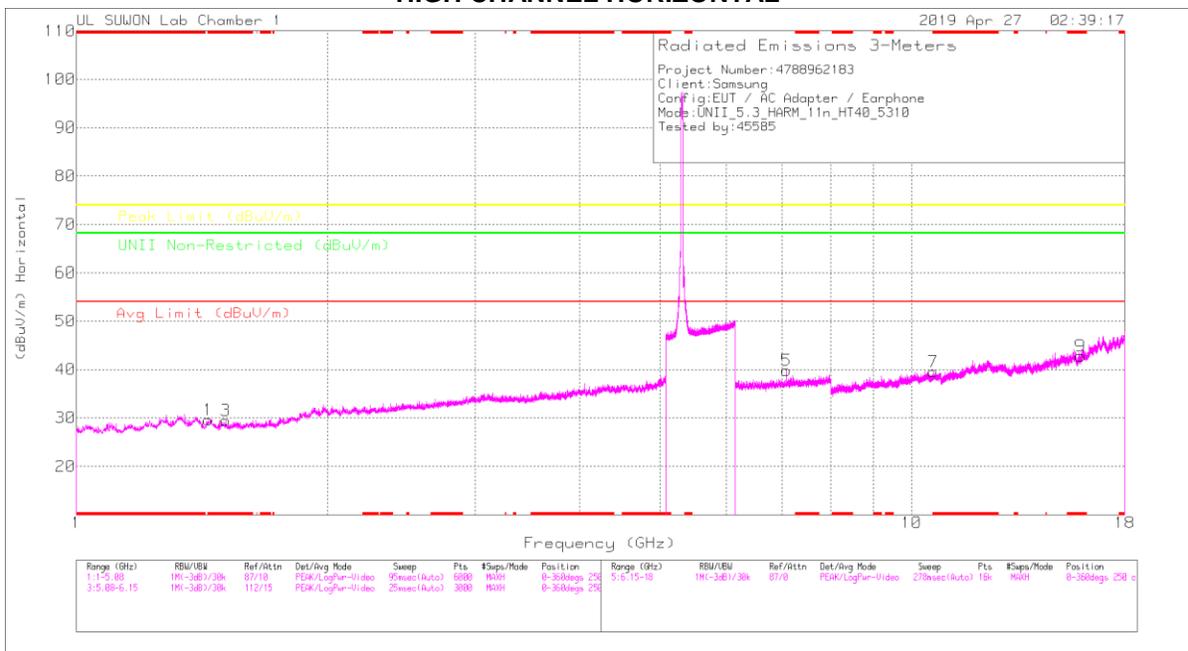
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.02621	31.88	PK	35.7	-27.8	0	39.78	-	-	-	-	68.2	-28.42	0-360	250	H
3	10.53996	25.29	PK	37.7	-22.8	0	40.19	-	-	-	-	68.2	-28.01	0-360	150	H
5	*15.81354	23.14	PK	40.5	-21.1	0	42.54	-	-	74	-31.46	-	-	0-360	250	H
2	7.02844	29.43	PK	35.7	-27.9	0	37.23	-	-	-	-	68.2	-30.97	0-360	250	V
4	10.53996	24.98	PK	37.7	-22.8	0	39.88	-	-	-	-	68.2	-28.32	0-360	150	V
6	*15.81872	23.64	PK	40.5	-21.1	0	43.04	-	-	74	-30.96	-	-	0-360	150	V

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

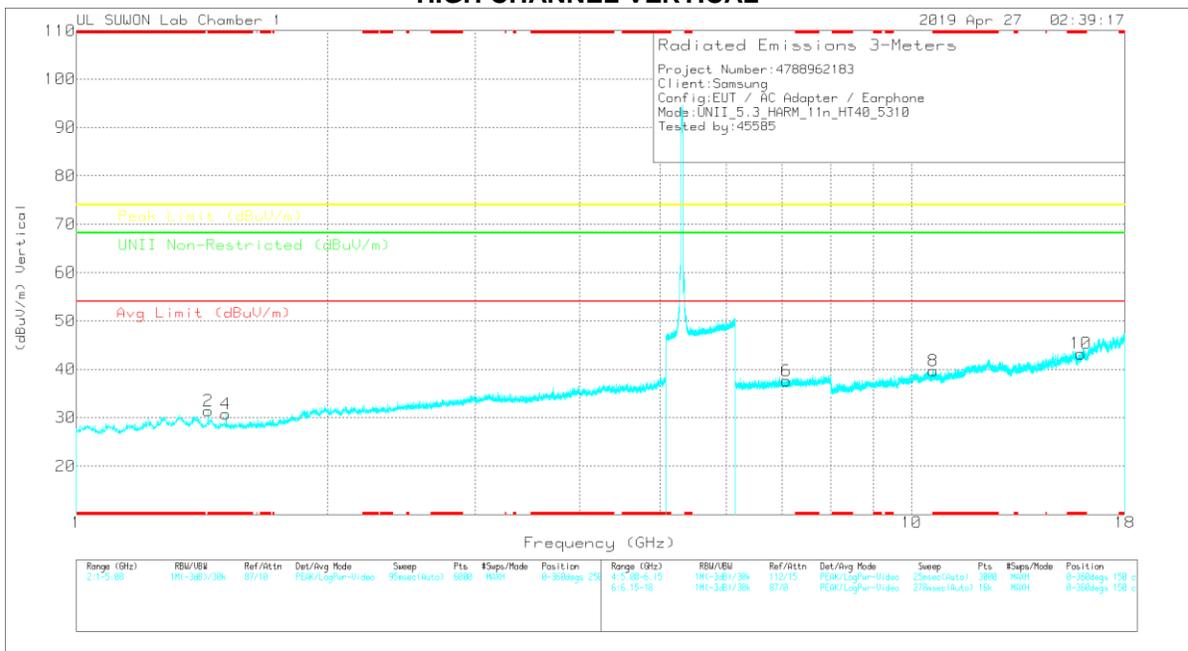
PK – Peak Detector

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_00168717	5GHz_LP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 1.43799	36.99	PK	29	-36.4	0	29.59	-	-	74	-44.41	-	-	0-360	150	H
3	* 1.51009	37.22	PK	28.6	-36.3	0	29.52	-	-	74	-44.48	-	-	0-360	250	H
2	* 1.43731	38.77	PK	29	-36.4	0	31.37	-	-	74	-42.63	-	-	0-360	150	V
4	* 1.50941	38.61	PK	28.6	-36.4	0	30.61	-	-	74	-43.19	-	-	0-360	150	V

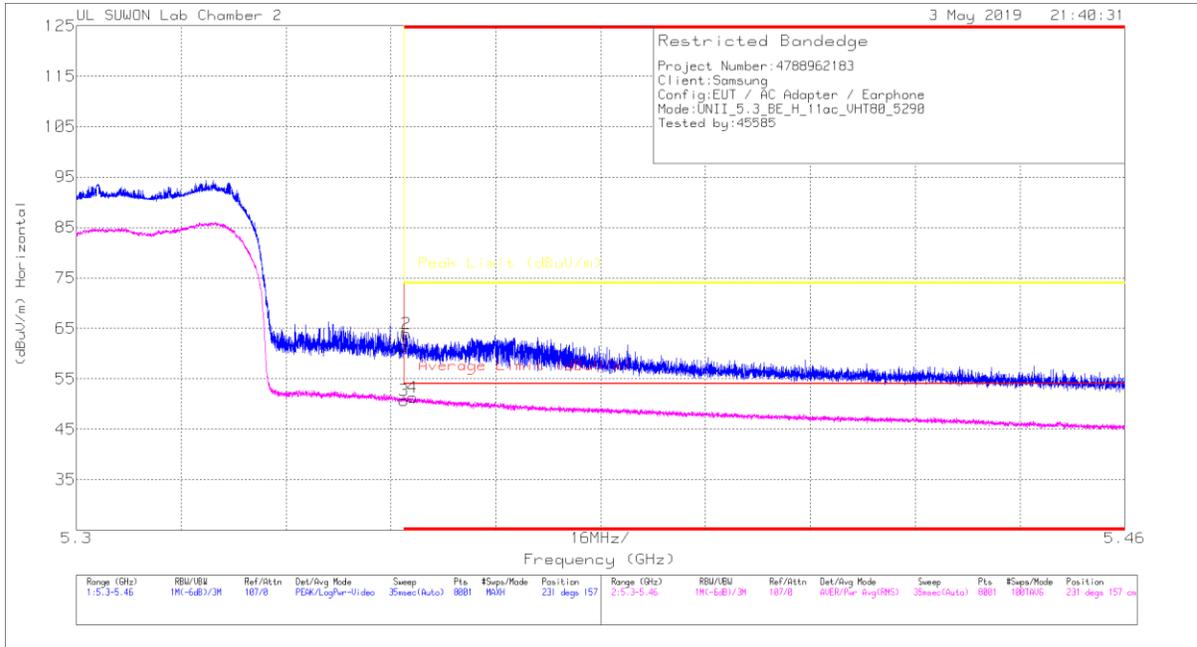
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	7.07954	31.72	PK	35.8	-27.7	0	39.82	-	-	-	-	68.2	-28.38	0-360	150	H
7	* 10.61995	23.9	PK	37.8	-22.2	0	39.5	-	-	74	-34.5	-	-	0-360	250	H
9	* 15.92982	23.23	PK	40.6	-21.1	0	42.73	-	-	74	-31.27	-	-	0-360	250	H
6	7.07954	29.53	PK	35.8	-27.7	0	37.63	-	-	-	-	68.2	-30.57	0-360	150	V
8	* 10.61995	24.14	PK	37.8	-22.2	0	39.74	-	-	74	-34.26	-	-	0-360	250	V
10	* 15.93056	23.64	PK	40.7	-21.1	0	43.24	-	-	74	-30.76	-	-	0-360	250	V

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

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

11.2.4.TX Above 1GHz 802.11ac VHT80 MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (MID CHANNEL, Highest BANDEDGE)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

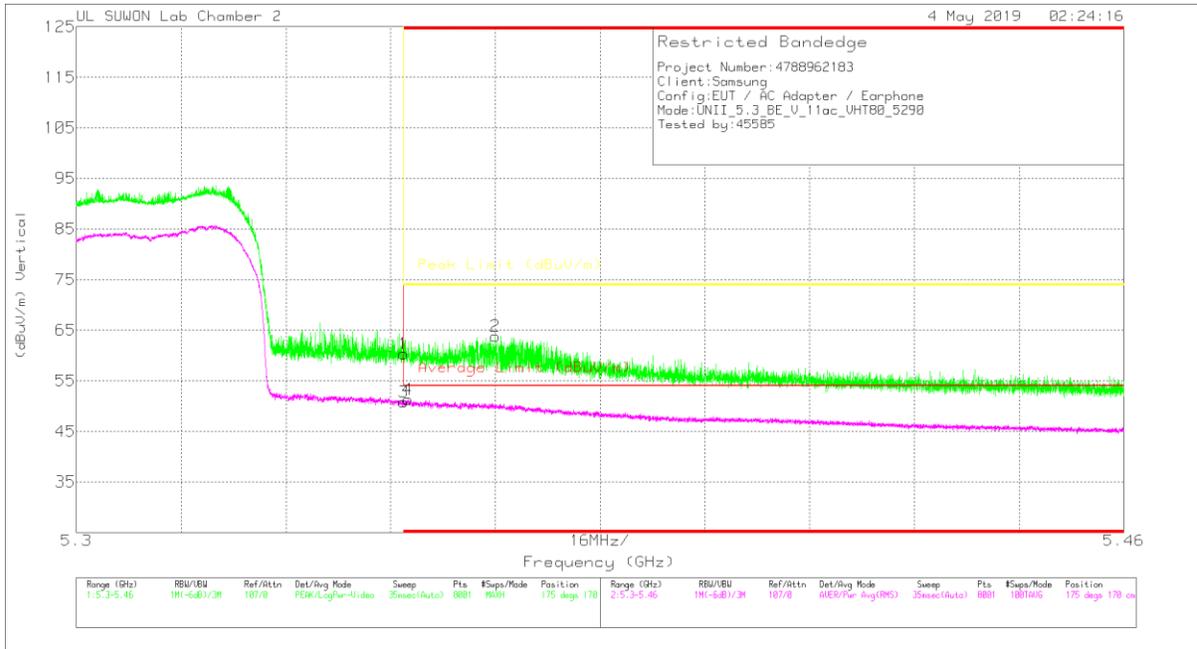
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.07	Pk	34.5	-18.1	0	61.47	-	-	74	-12.53	231	157	H
2	* 5.35	47.51	Pk	34.5	-18.1	0	63.91	-	-	74	-10.09	231	157	H
3	* 5.35	33.18	RMS	34.5	-17.1	.17	50.75	54	-3.25	-	-	231	157	H
4	* 5.351	33.73	RMS	34.5	-17.1	.17	51.3	54	-2.7	-	-	231	157	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 (Deg)	Height (cm)	Polarity
1	* 5.35	43.91	Pk	34.5	-18.1	0	60.31	-	-	74	-13.69	175	170	V
2	* 5.364	47.46	Pk	34.5	-18.1	0	63.86	-	-	74	-10.14	175	170	V
3	* 5.35	33.29	RMS	34.5	-17.1	.17	50.86	54	-3.14	-	-	175	170	V
4	* 5.351	33.72	RMS	34.5	-17.1	.17	51.29	54	-2.71	-	-	175	170	V

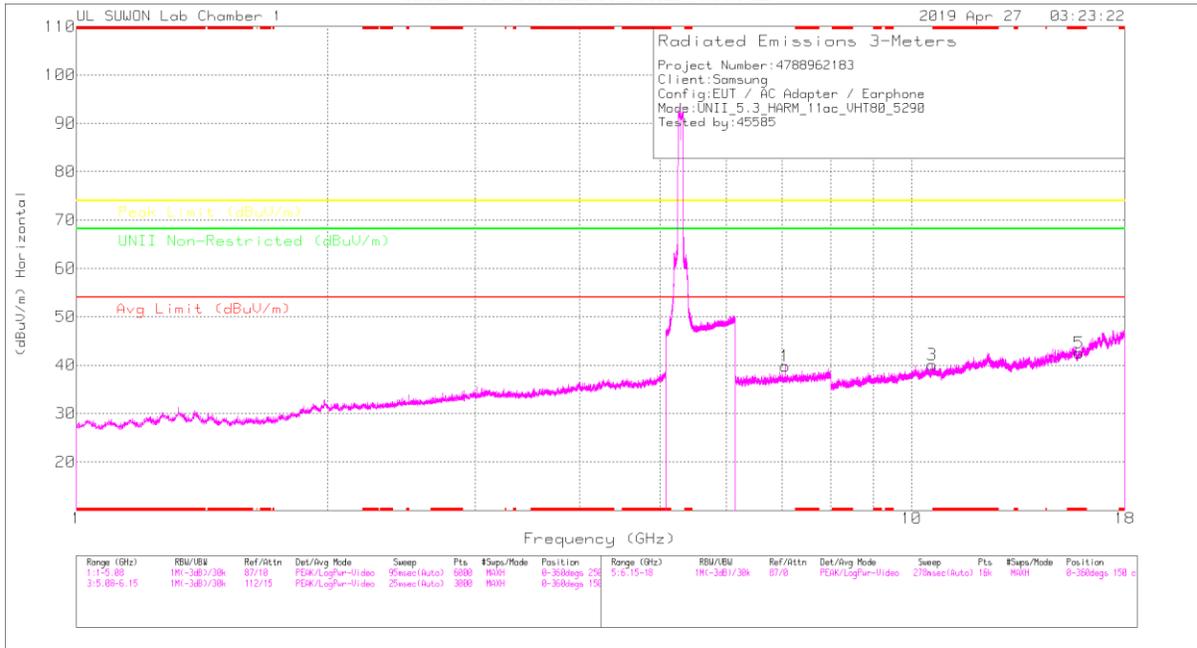
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

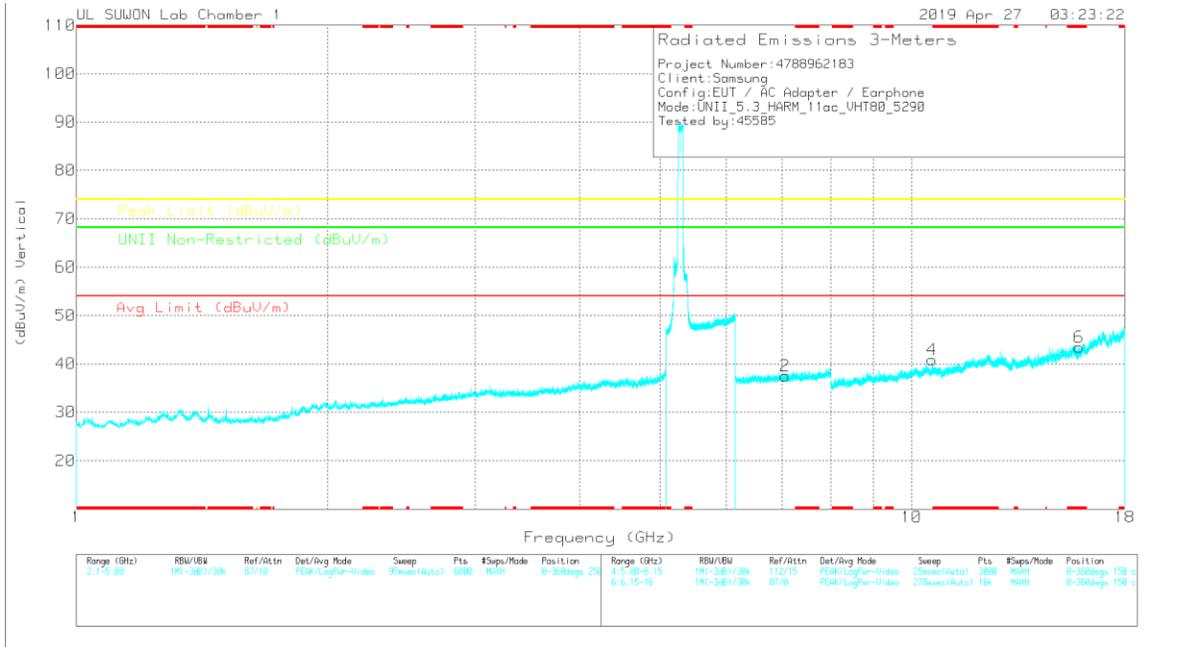
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_30168717	@GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.05288	31.8	PK	35.8	-27.8	0	39.8	-	-	-	-	68.2	-28.4	0-360	250	H
3	10.57995	24.89	PK	37.6	-22.6	0	40.09	-	-	-	-	68.2	-28.11	0-360	250	H
5	* 15.8676	22.98	PK	40.6	-21	0	42.58	-	-	74	-31.42	-	-	0-360	150	H
2	7.05436	29.54	PK	35.8	-27.9	0	37.44	-	-	-	-	68.2	-30.76	0-360	150	V
4	10.57995	25.61	PK	37.8	-22.6	0	40.81	-	-	-	-	68.2	-27.39	0-360	250	V
6	* 15.86538	23.8	PK	40.6	-21	0	43.4	-	-	74	-30.6	-	-	0-360	150	V

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

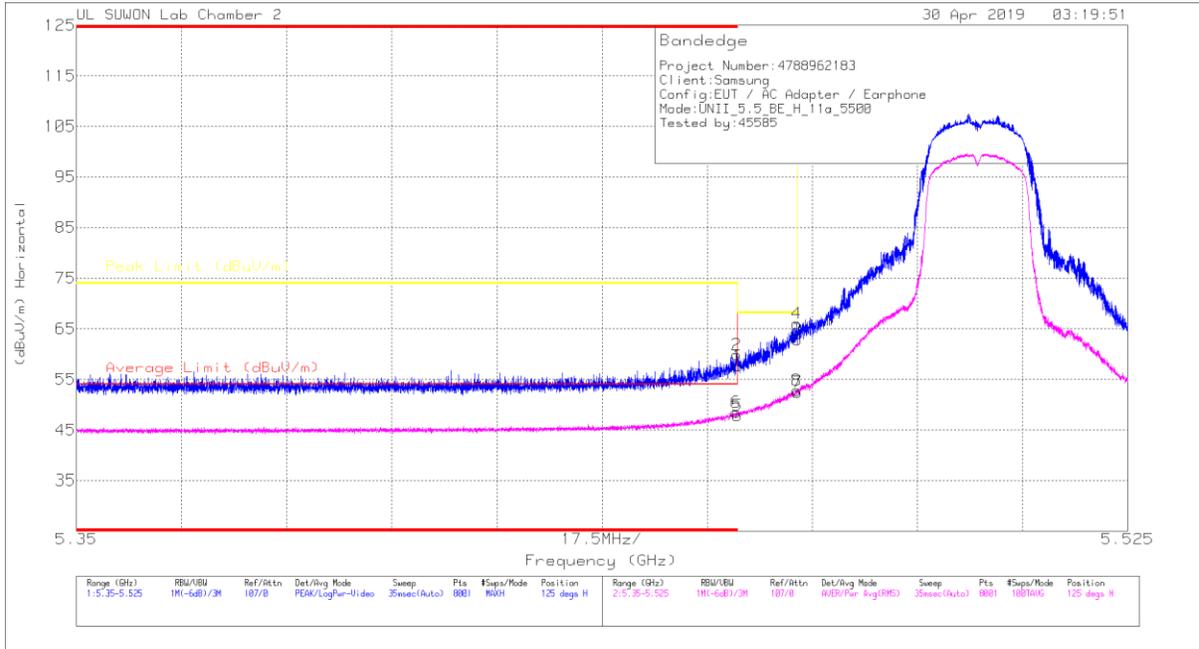
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3. 5.5-5.6 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

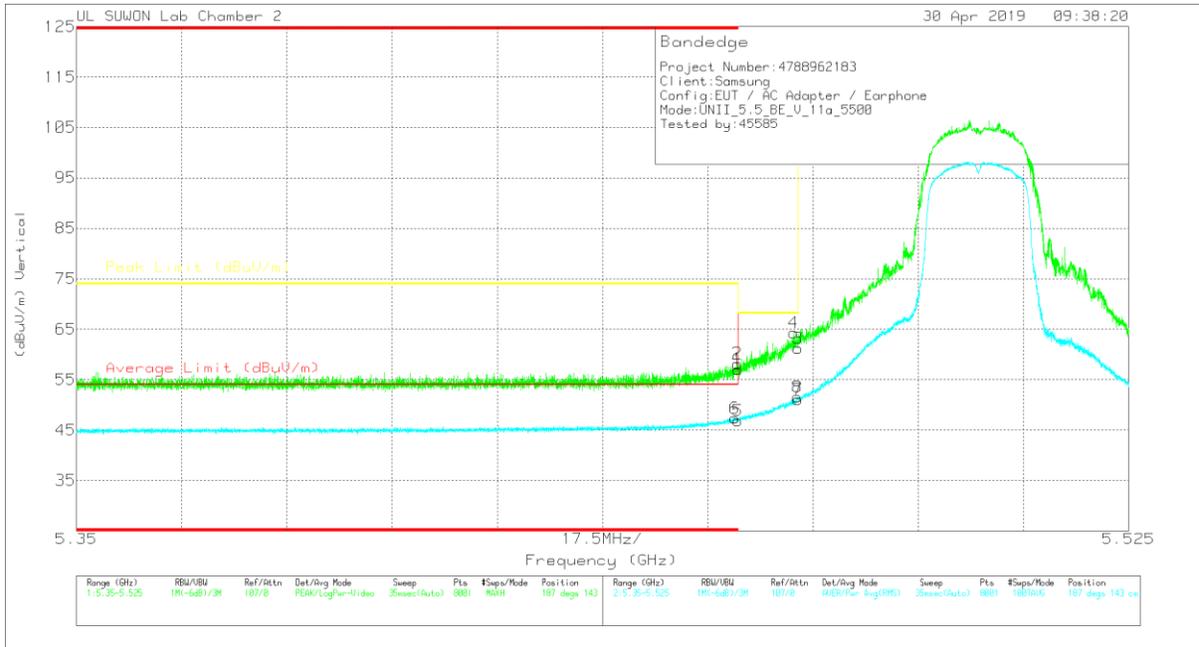
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	41.17	Pk	34.6	-18.2	0	57.57	-	-	74	-16.43	125	230	H
2	* 5.46	43.46	Pk	34.6	-18.2	0	59.86	-	-	74	-14.14	125	230	H
3	5.47	46.32	Pk	34.6	-18.1	0	62.82	-	-	68.2	-5.38	125	230	H
4	5.47	49.48	Pk	34.6	-18.1	0	65.98	-	-	68.2	-2.22	125	230	H
5	* 5.46	29.91	RMS	34.6	-16.9	.2	47.81	54	-6.19	-	-	125	230	H
6	* 5.46	30.57	RMS	34.6	-16.9	.2	48.47	54	-5.53	-	-	125	230	H
7	5.47	34.57	RMS	34.6	-16.9	.2	52.47	-	-	-	-	125	230	H
8	5.47	34.91	RMS	34.6	-16.9	.2	52.81	-	-	-	-	125	230	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	40.56	Pk	34.6	-18.2	0	56.96	-	-	74	-17.04	187	143	V
2	* 5.46	41.78	Pk	34.6	-18.2	0	58.18	-	-	74	-15.82	187	143	V
3	5.47	44.72	Pk	34.6	-18.1	0	61.22	-	-	68.2	-6.98	187	143	V
4	5.469	47.8	Pk	34.6	-18.1	0	64.3	-	-	68.2	-3.9	187	143	V
5	* 5.46	28.95	RMS	34.6	-16.9	.2	46.85	54	-7.15	-	-	187	143	V
6	* 5.46	29.5	RMS	34.6	-16.9	.2	47.4	54	-6.6	-	-	187	143	V
7	5.47	33.22	RMS	34.6	-16.9	.2	51.12	-	-	-	-	187	143	V
8	5.47	33.61	RMS	34.6	-16.9	.2	51.51	-	-	-	-	187	143	V

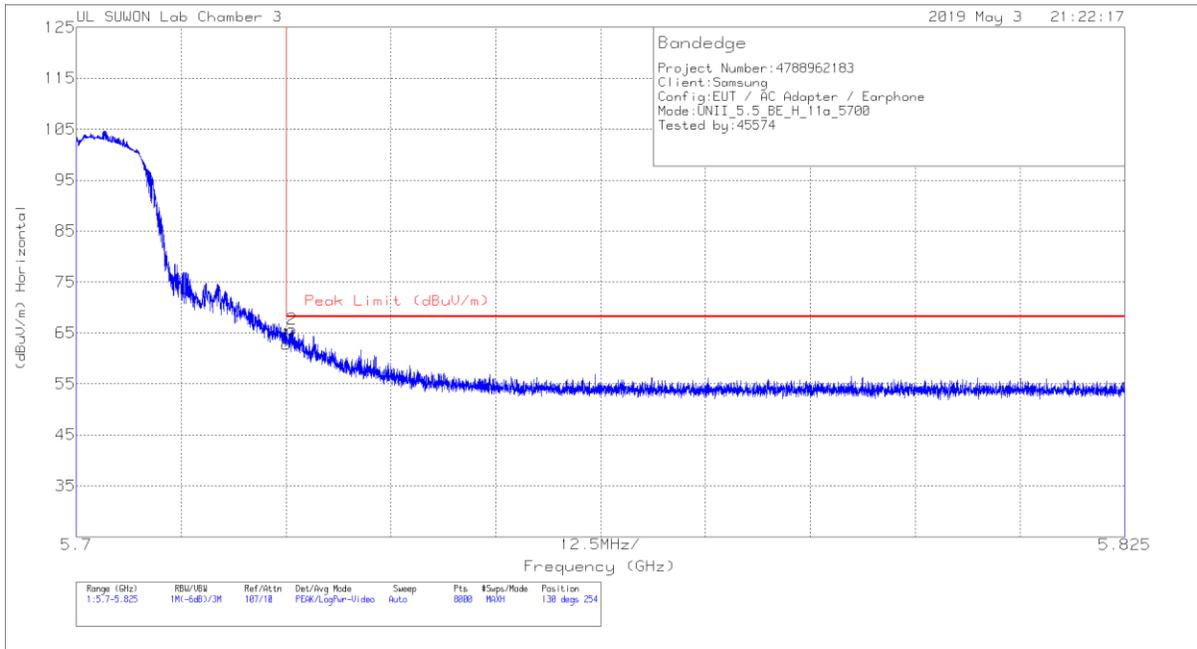
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



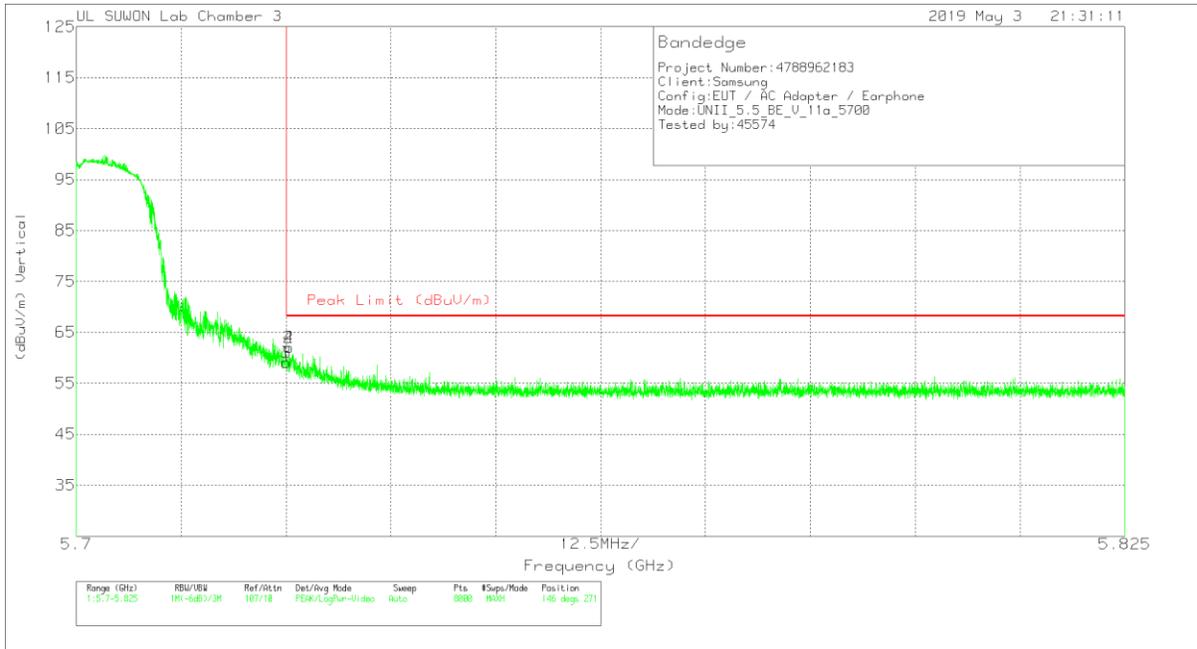
HORIZONTAL DATA

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	45.86	Pk	34.8	-17.9	62.76	68.2	-5.44	130	254	H
2	5.726	48.87	Pk	34.8	-17.9	65.77	68.2	-2.43	130	254	H

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

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

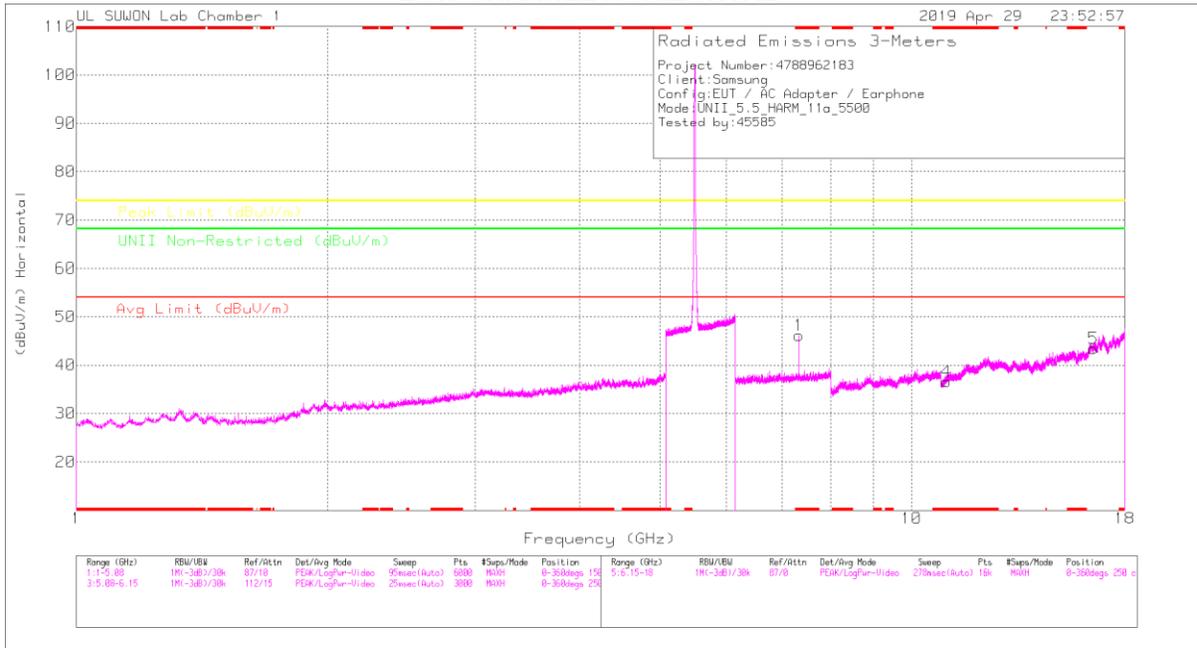
Trace Markers

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	42.2	Pk	34.8	-17.9	59.1	68.2	-9.1	146	271	V
2	5.725	45.18	Pk	34.8	-17.9	62.08	68.2	-6.12	146	271	V
3	5.725	42.2	Pk	34.8	-17.9	59.1	68.2	-9.1	146	271	V
4	5.725	45.18	Pk	34.8	-17.9	62.08	68.2	-6.12	146	271	V

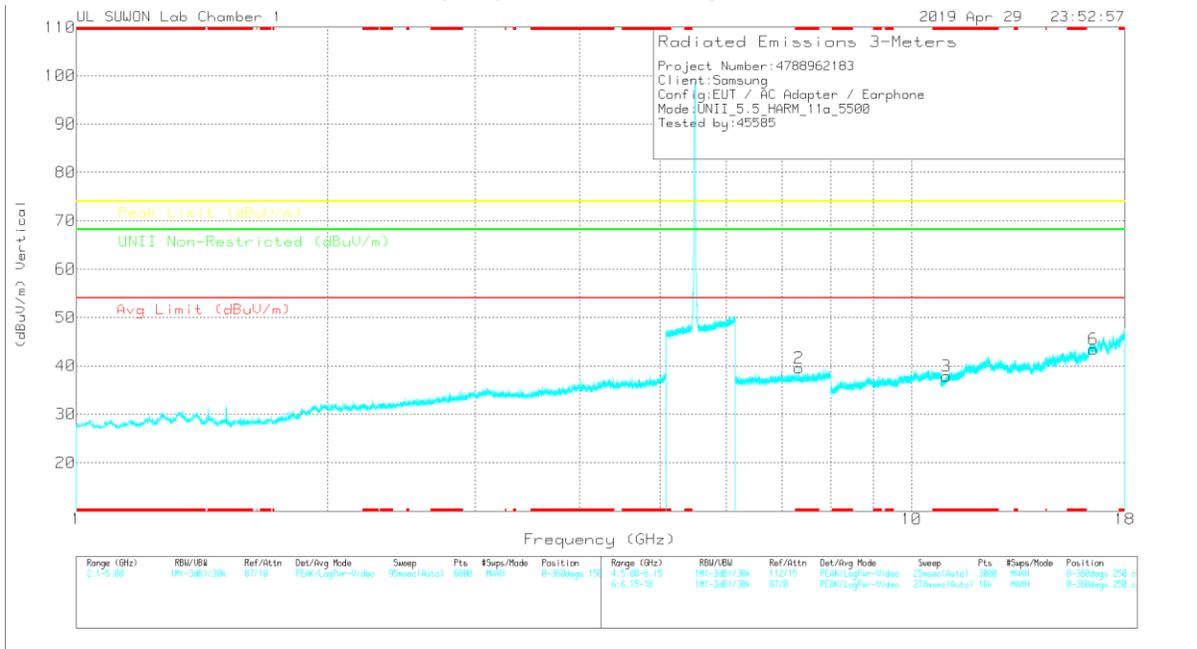
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector

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	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.33285	37.53	PK	35.8	-27.2	0	46.13	-	-	74	-27.87	-	-	0-360	150	H
4	* 10.99991	19.94	PK	38.2	-21.6	0	36.54	-	-	74	-37.46	-	-	0-360	250	H
5	16.50088	21.91	PK	40.9	-19.4	0	43.41	-	-	-	-	68.2	-24.79	0-360	250	H
2	* 7.33285	30.97	PK	35.8	-27.2	0	39.57	-	-	74	-34.43	-	-	0-360	250	V
3	* 10.99991	21.23	PK	38.2	-21.6	0	37.83	-	-	74	-36.17	-	-	0-360	250	V
6	16.50088	21.95	PK	40.9	-19.4	0	43.45	-	-	-	-	68.2	-24.75	0-360	150	V

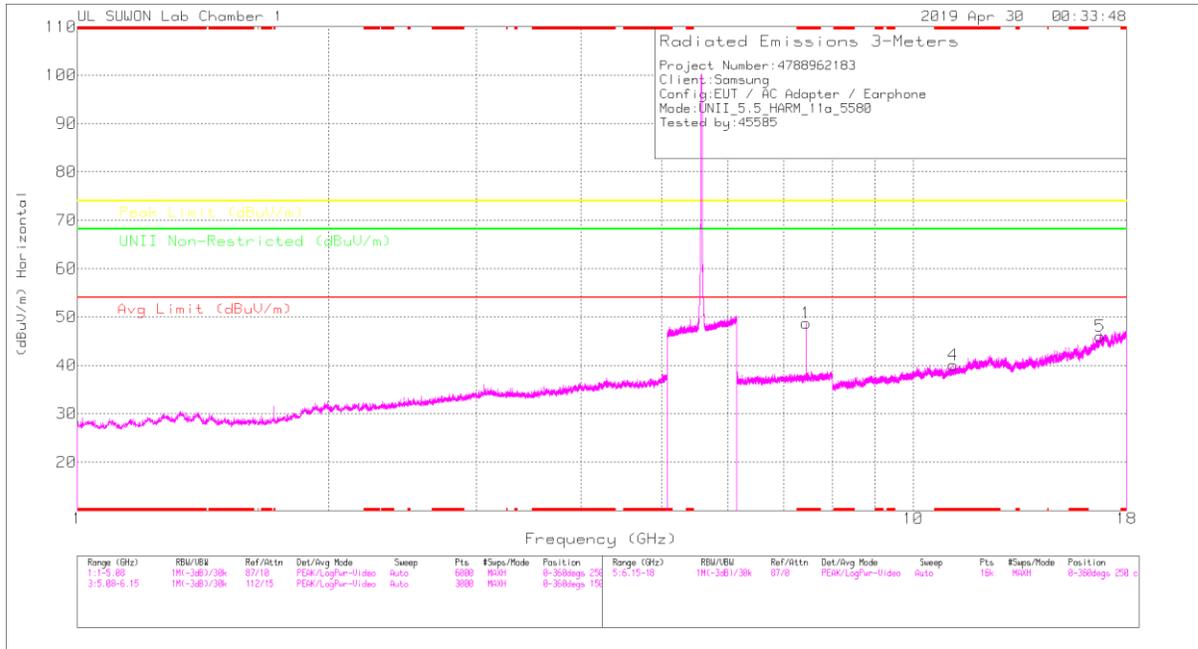
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

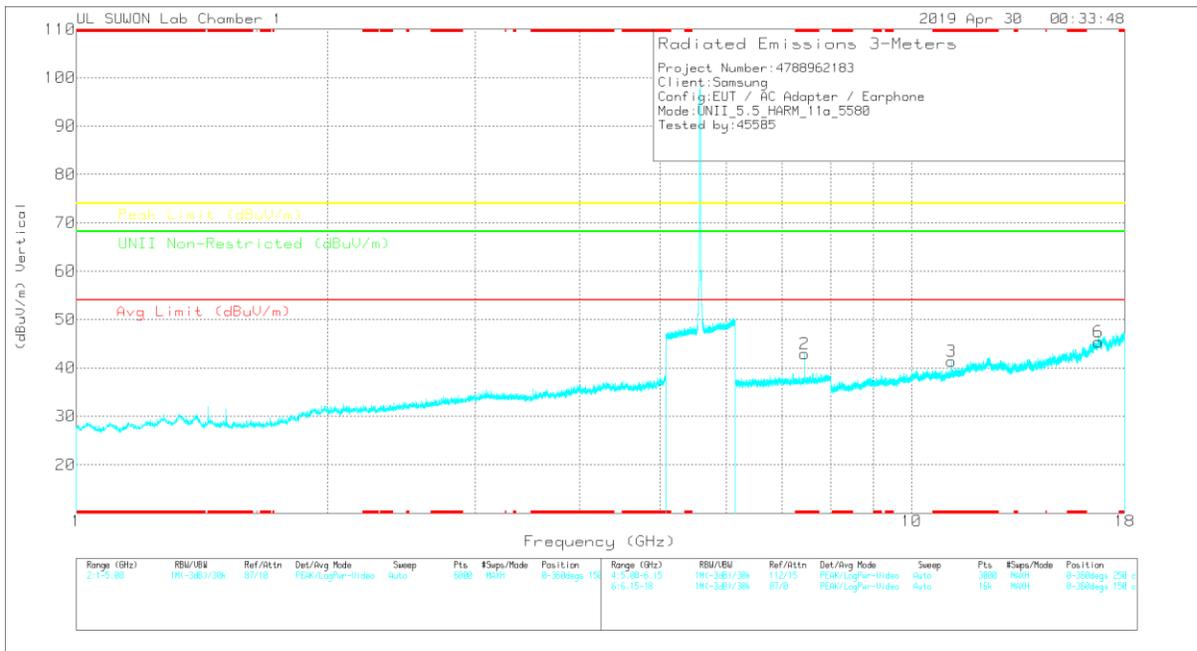
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.33331	41.56	PK-U	35.8	-27.2	0	50.16	-	-	74	-23.84	-	-	170	100	H
* 7.33333	37.45	ADR	35.8	-27.2	.2	46.25	54	-7.75	-	-	-	-	170	100	H
* 7.33337	38.38	PK-U	35.8	-27.2	0	46.98	-	-	74	-27.02	-	-	172	316	V
* 7.33335	30.55	ADR	35.8	-27.2	.2	39.35	54	-14.65	-	-	-	-	172	316	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)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.43951	40.19	PK	35.8	-27.3	0	48.69	-	-	74	-25.31	-	-	0-360	150	H
4	* 11.1599	24.17	PK	38.3	-22.4	0	40.07	-	-	74	-33.93	-	-	0-360	150	H
5	16.74382	21.98	PK	41.3	-17.3	0	45.98	-	-	-	-	68.2	-22.22	0-360	150	H
2	* 7.43951	34.45	PK	35.8	-27.3	0	42.95	-	-	74	-31.05	-	-	0-360	250	V
3	* 11.1599	25.5	PK	38.3	-22.4	0	41.4	-	-	74	-32.6	-	-	0-360	250	V
6	16.73641	21.41	PK	41.3	-17.3	0	45.41	-	-	-	-	68.2	-22.79	0-360	150	V

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

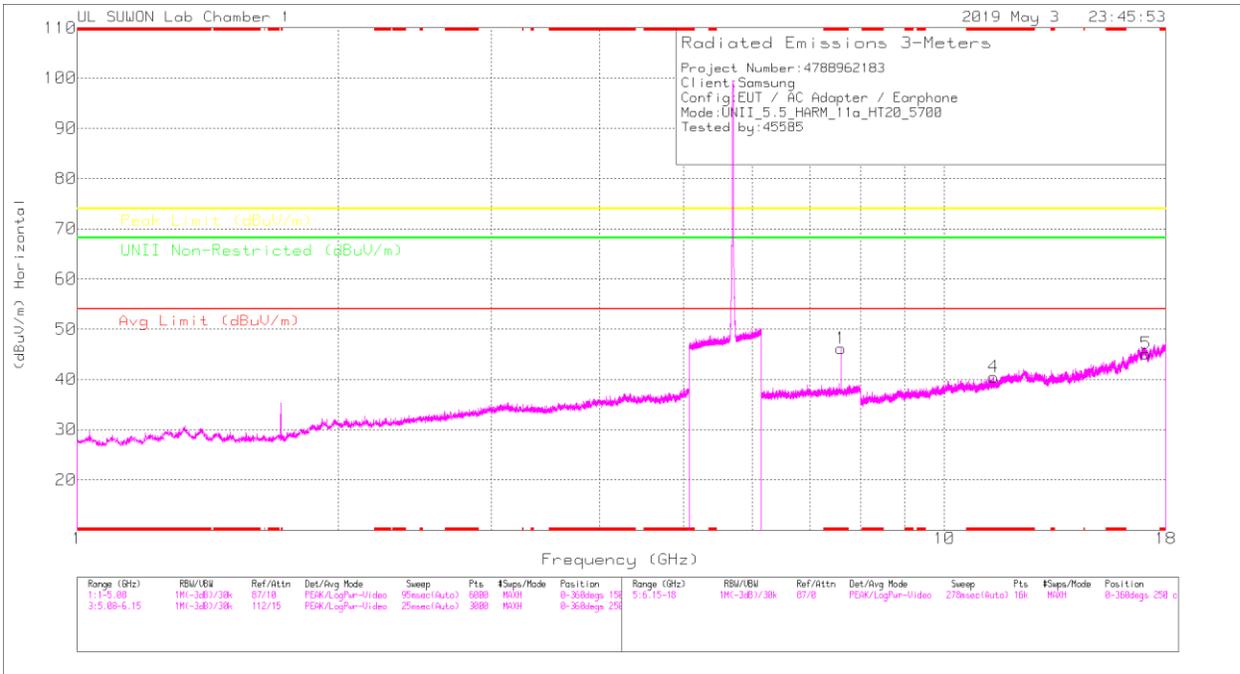
Radiated Emissions

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)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.44001	43.92	PK-U	35.8	-27.4	0	52.22	-	-	74	-21.78	-	-	164	100	H
* 7.44	40.85	ADR	35.8	-27.4	.2	49.45	54	-4.55	-	-	-	-	164	100	H
* 7.44008	39.63	PK-U	35.8	-27.4	0	48.03	-	-	74	-25.97	-	-	175	158	V
* 7.44	31.8	ADR	35.8	-27.4	.2	40.4	54	-13.6	-	-	-	-	175	158	V

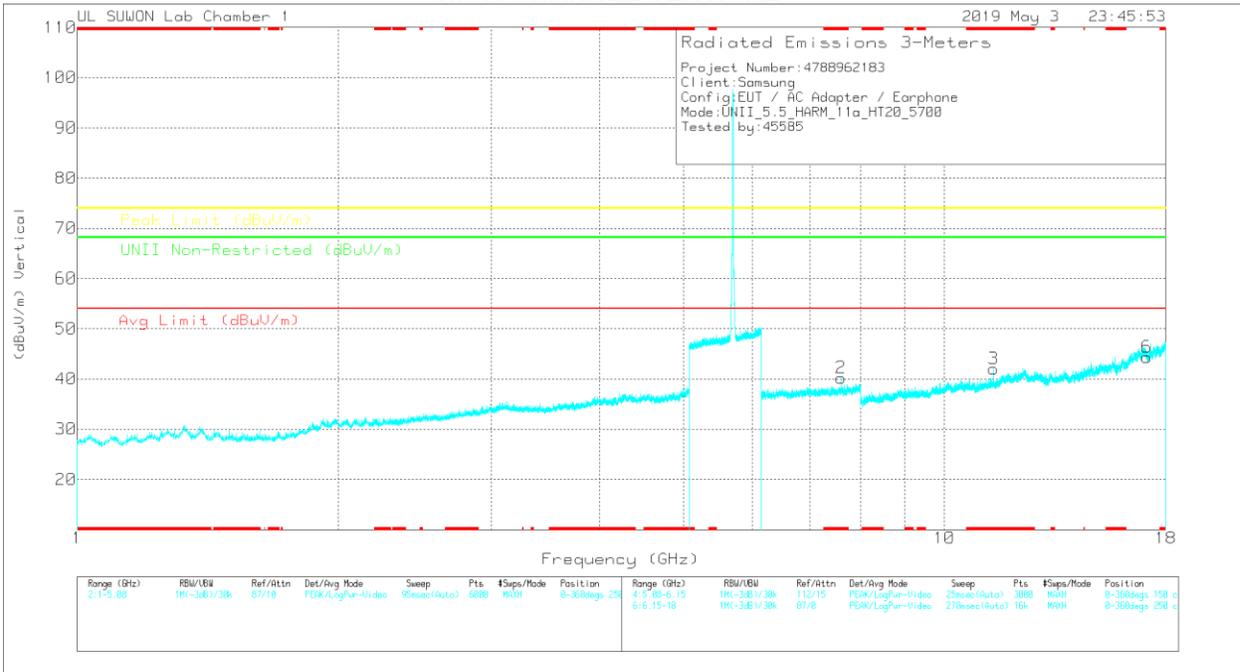
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak
 ADR - U-NII AD primary method, RMS average

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_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 7.60023	36.79	PK	35.8	-26.5	0	46.09	-	-	74	-27.91	-	-	0-360	150	H
4	* 11.39988	24.49	PK	38.4	-22.4	0	40.49	-	-	74	-33.51	-	-	0-360	250	H
5	17.09416	20.71	PK	41.6	-17.2	0	45.11	-	-	-	-	68.2	-23.09	0-360	150	H
2	* 7.59949	30.94	PK	35.8	-26.5	0	40.24	-	-	74	-33.76	-	-	0-360	250	V
3	* 11.39988	26.04	PK	38.4	-22.4	0	42.04	-	-	74	-31.96	-	-	0-360	250	V
6	17.09638	19.98	PK	41.6	-17.2	0	44.38	-	-	-	-	68.2	-23.82	0-360	250	V

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

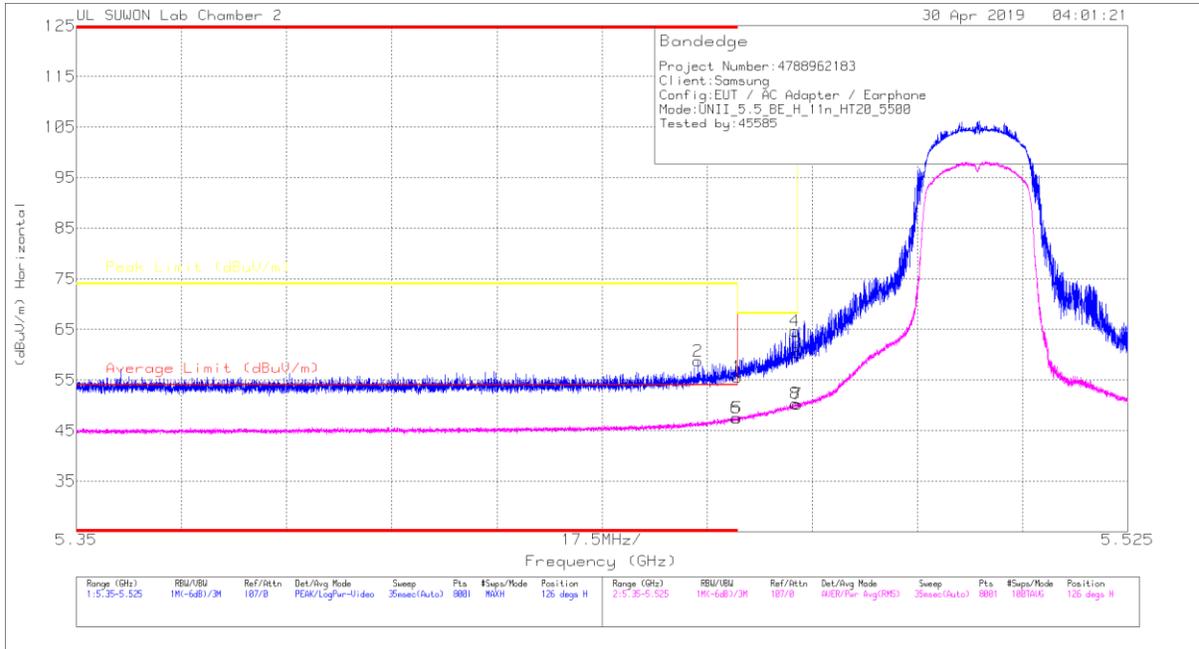
Radiated Emissions

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)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 7.59997	40.41	PK-U	35.8	-26.5	0	49.71	-	-	74	-24.29	-	-	133	129	V
* 7.60007	30.97	ADR	35.8	-26.5	.2	40.47	54	-13.53	-	-	-	-	133	129	V
* 7.60017	40.25	PK-U	35.8	-26.5	0	49.55	-	-	74	-24.45	-	-	159	102	H
* 7.59999	35.96	ADR	35.8	-26.5	.2	45.46	54	-8.54	-	-	-	-	159	102	H
* 11.40035	32.04	PK-U	38.5	-22.4	0	48.14	-	-	74	-25.86	-	-	238	101	H
* 11.40007	25.06	ADR	38.5	-22.4	.2	41.36	54	-12.64	-	-	-	-	238	101	H
* 11.40019	31.59	PK-U	38.5	-22.4	0	47.69	-	-	74	-26.31	-	-	207	313	V
* 11.40004	23.83	ADR	38.5	-22.4	.2	40.13	54	-13.87	-	-	-	-	207	313	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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

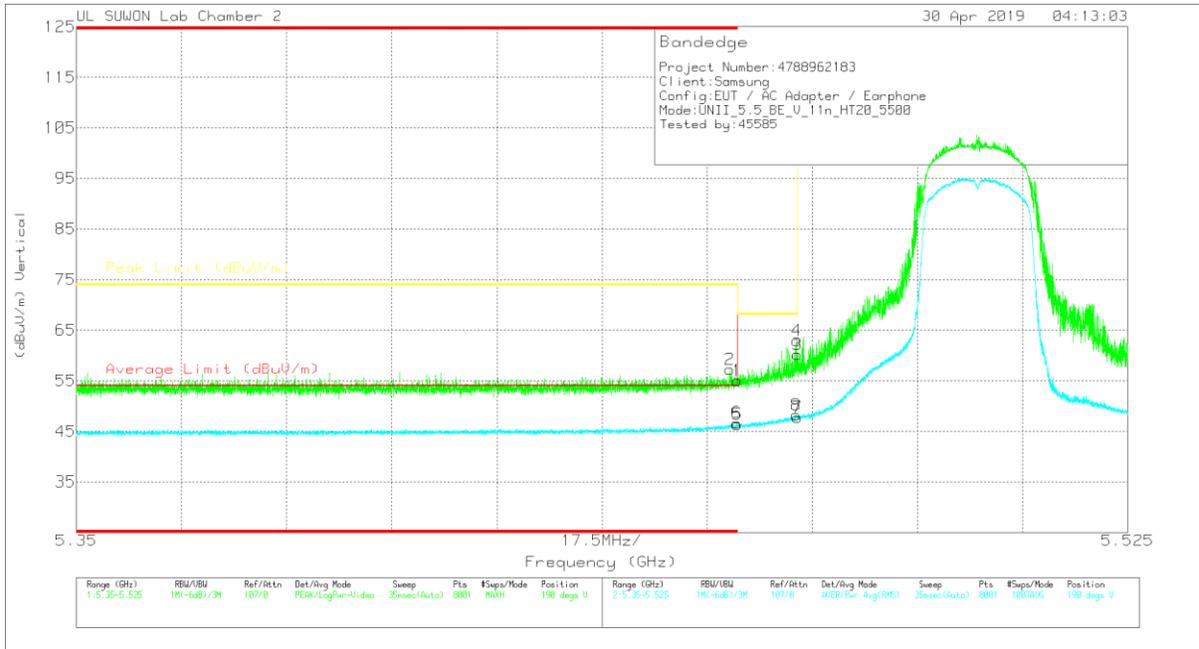
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	39.18	Pk	34.6	-18.2	0	55.58	-	-	74	-18.42	126	259	H
2	* 5.453	42.25	Pk	34.6	-18.1	0	58.75	-	-	74	-15.25	126	259	H
3	5.47	43.88	Pk	34.6	-18.1	0	60.38	-	-	68.2	-7.82	126	259	H
4	5.47	48.22	Pk	34.6	-18.1	0	64.72	-	-	68.2	-3.48	126	259	H
5	* 5.46	29.59	RMS	34.6	-16.9	.19	47.48	54	-6.52	-	-	126	259	H
6	* 5.46	29.6	RMS	34.6	-16.9	.19	47.49	54	-6.51	-	-	126	259	H
7	5.47	32.3	RMS	34.6	-16.9	.19	50.19	-	-	-	-	126	259	H
8	5.47	32.41	RMS	34.6	-16.9	.19	50.3	-	-	-	-	126	259	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 (dBu)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Aimuth (Deg)	Height (cm)	Polarity
1	* 5.46	38.62	Pk	34.6	-18.2	0	55.02	-	-	74	-18.98	190	215	V
2	* 5.459	40.86	Pk	34.6	-18.2	0	57.26	-	-	74	-16.74	190	215	V
3	5.47	43.76	Pk	34.6	-18.1	0	60.26	-	-	68.2	-7.94	190	215	V
4	5.47	46.41	Pk	34.6	-18.1	0	62.91	-	-	68.2	-5.29	190	215	V
5	* 5.46	28.5	RMS	34.6	-16.9	.19	46.39	54	-7.61	-	-	190	215	V
6	* 5.46	28.79	RMS	34.6	-16.9	.19	46.68	54	-7.32	-	-	190	215	V
7	5.47	29.87	RMS	34.6	-16.9	.19	47.76	-	-	-	-	190	215	V
8	5.47	30.29	RMS	34.6	-16.9	.19	48.18	-	-	-	-	190	215	V

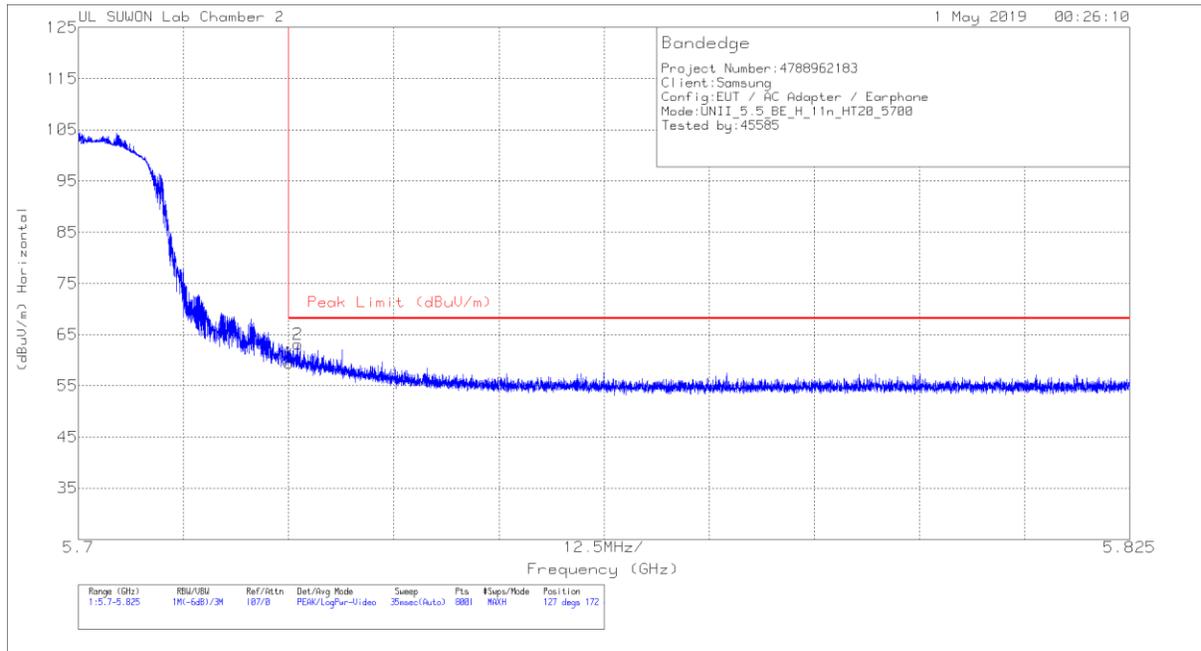
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



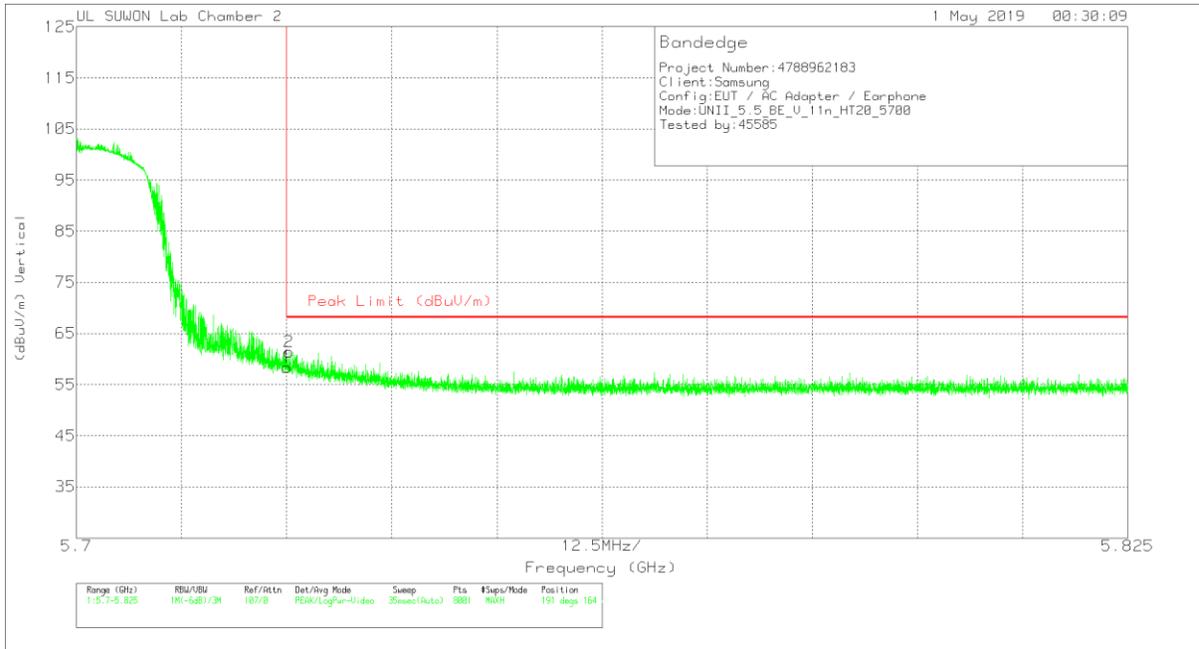
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.3	Pk	34.7	-17.6	0	59.4	68.2	-8.8	127	172	H
2	5.726	45.93	Pk	34.7	-17.5	0	63.13	68.2	-5.07	127	172	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.31	Pk	34.7	-17.6	0	58.41	68.2	-9.79	191	164	V
2	5.725	44.18	Pk	34.7	-17.5	0	61.38	68.2	-6.82	191	164	V

Pk - Peak detector