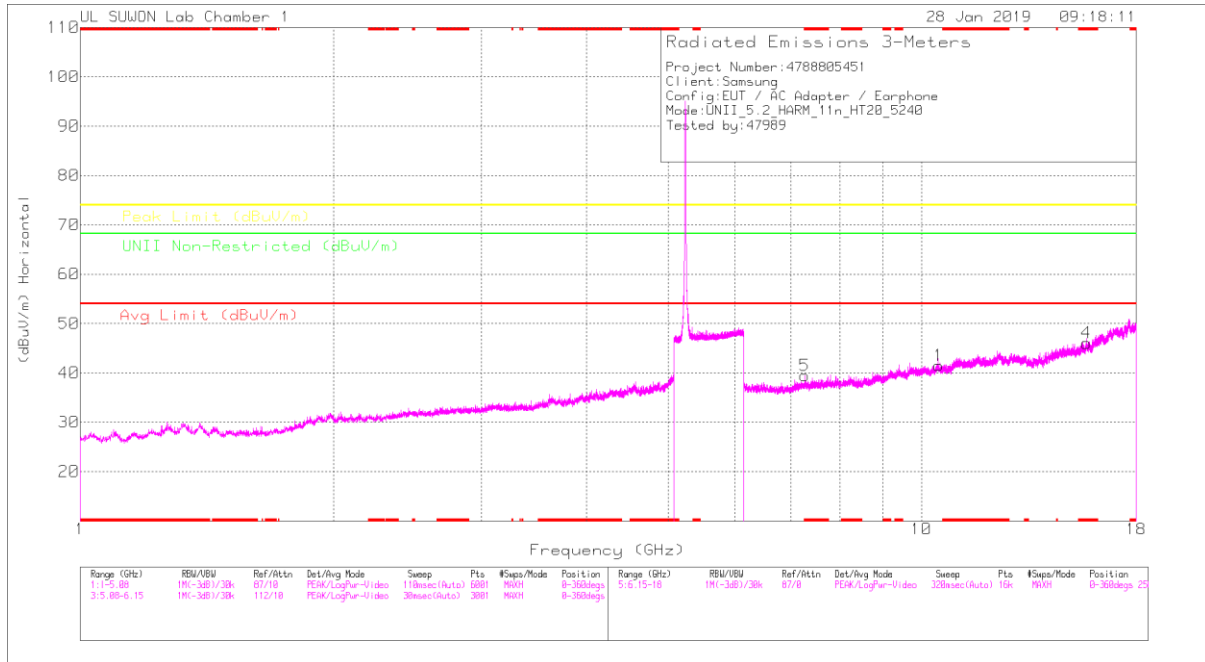
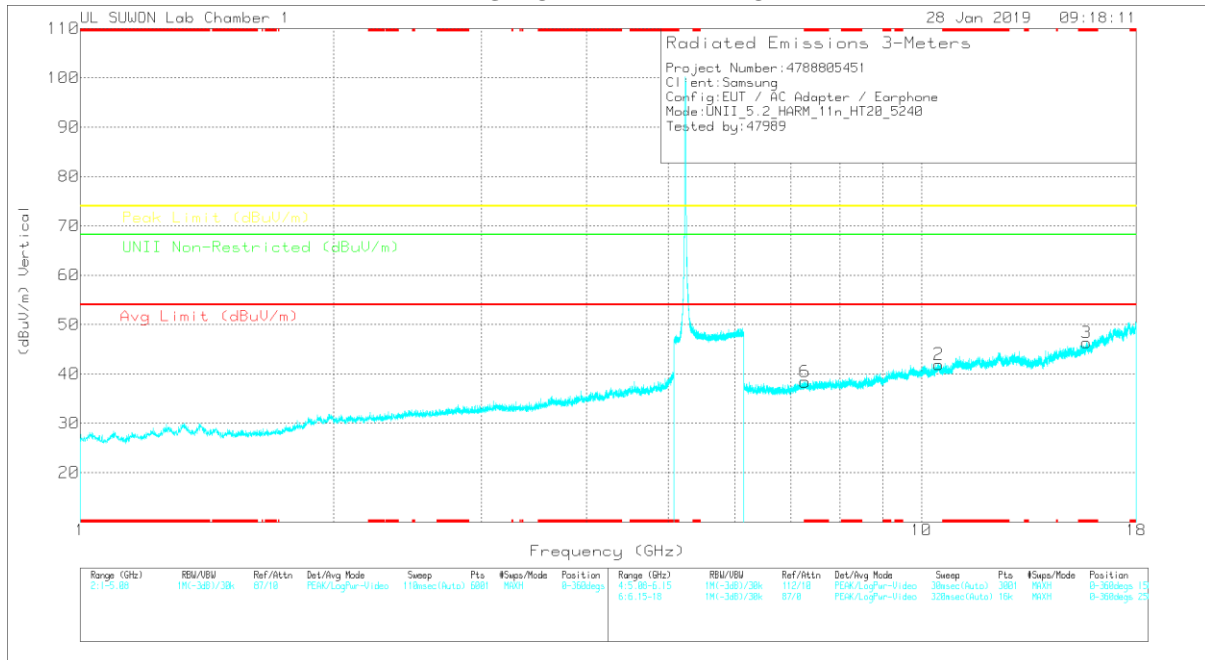


HIGH CHANNEL HORIZONTAL



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)	Motor 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	10.476	25.6	PK	37.7	-21.8	0	41.5	-	-	-	-	68.2	-26.7	0-360	150	H
4	* 15.718	26.63	PK	40.4	-21	0	46.03	-	-	74	-27.97	-	-	0-360	150	H
5	* 7.268	30.58	PK	35.8	-26.9	0	39.48	-	-	74	-34.52	-	-	0-360	250	H
2	10.477	26.01	PK	37.7	-21.8	0	41.91	-	-	-	-	68.2	-26.29	0-360	250	V
3	* 15.719	26.94	PK	40.4	-21	0	46.34	-	-	74	-27.66	-	-	0-360	250	V
6	* 7.27	29.5	PK	35.8	-26.9	0	38.4	-	-	74	-35.6	-	-	0-360	150	V

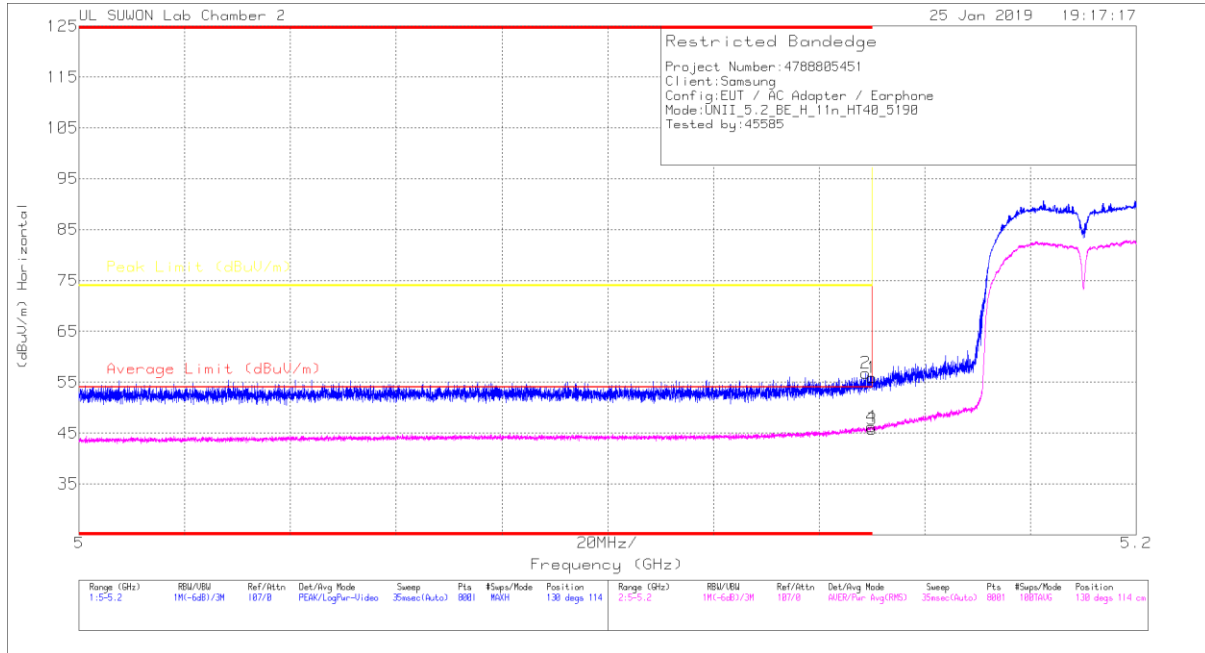
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.1.3.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

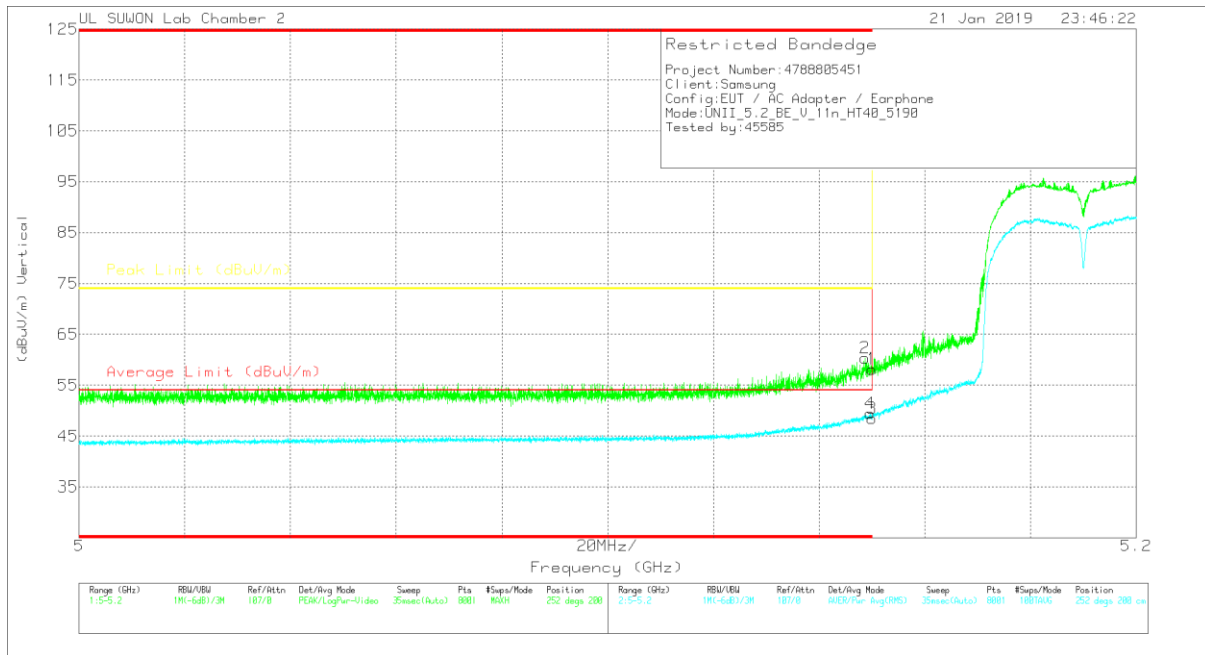
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	39.74	Pk	34.3	-18.2	0	55.84	-	-	74	-18.16	130	114	H
2	* 5.149	40.72	Pk	34.3	-18.2	0	56.82	-	-	74	-17.18	130	114	H
3	5.15	28.49	RMS	34.3	-17.3	.31	45.8	54	-8.2	-	-	130	114	H
4	* 5.15	28.97	RMS	34.3	-17.3	.31	46.28	54	-7.72	-	-	130	114	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	5.15	42.08	Pk	34.3	-18.2	0	58.18	-	-	74	-15.82	252	200	V
2	* 5.149	44.15	Pk	34.3	-18.1	0	60.35	-	-	74	-13.65	252	200	V
3	5.15	31.11	RMS	34.3	-17.3	.31	48.42	54	-5.58	-	-	252	200	V
4	* 5.15	32.18	RMS	34.3	-17.3	.31	49.49	54	-4.51	-	-	252	200	V

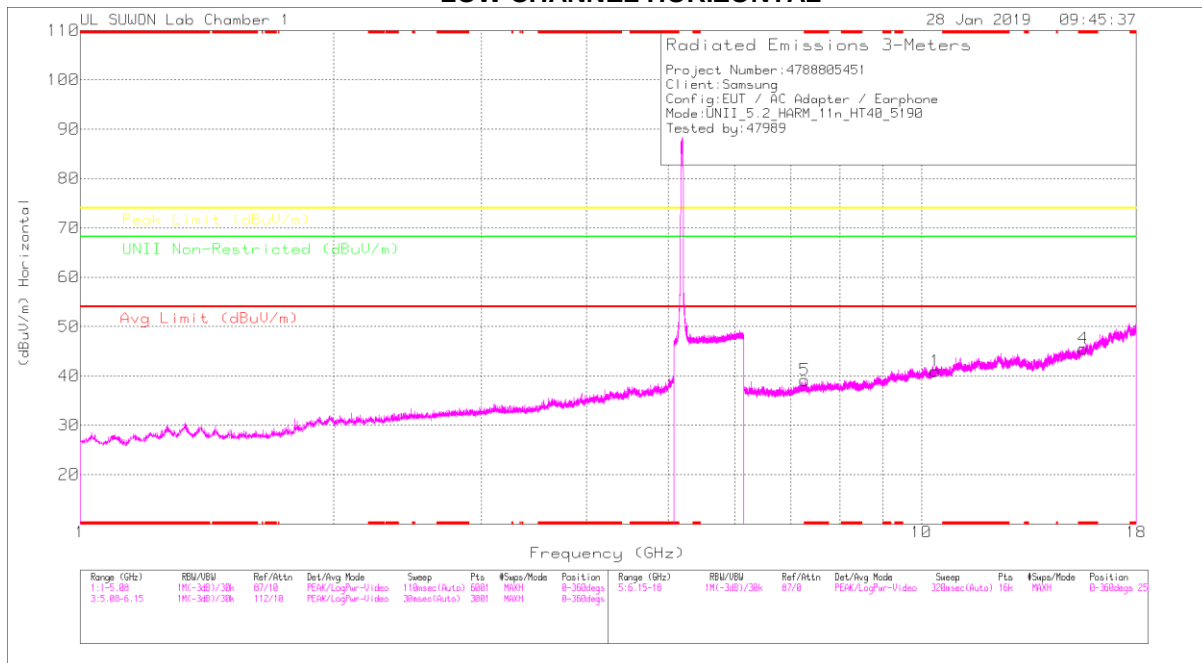
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

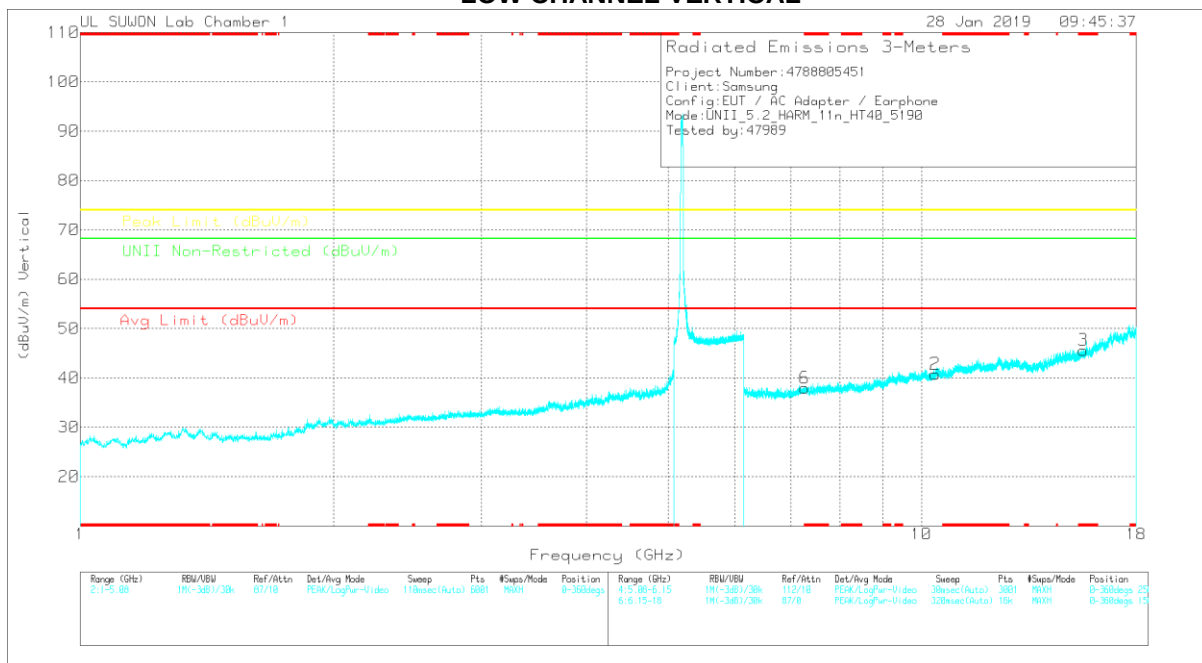
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

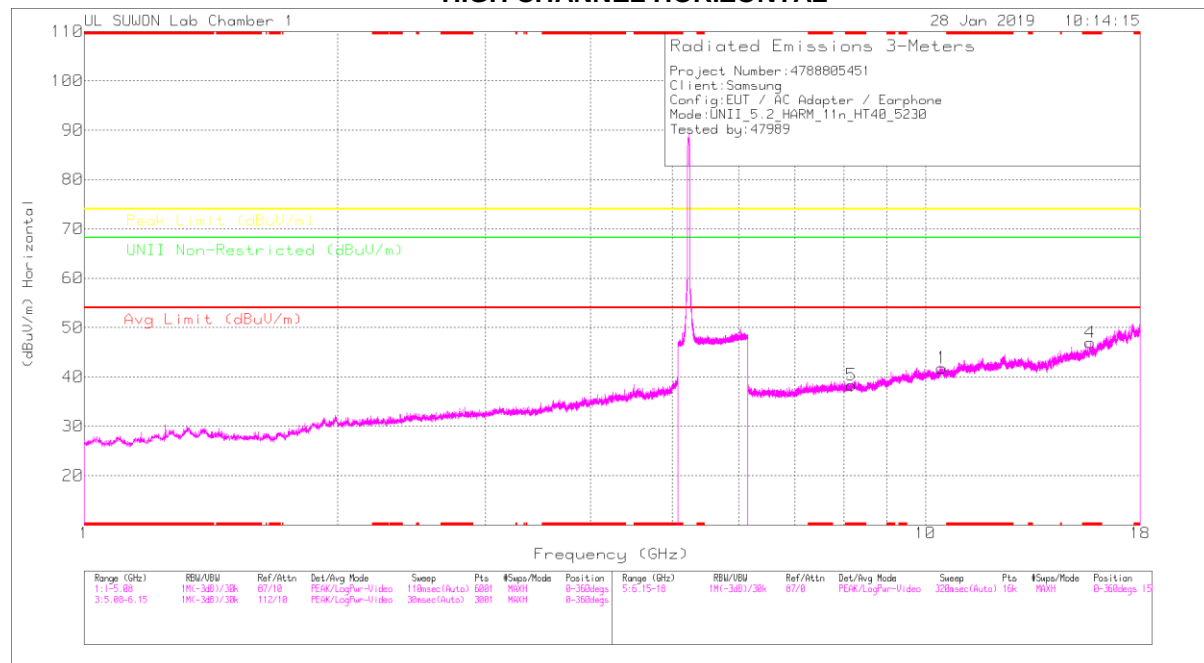
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168717	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	10.385	25.46	PK	37.6	-22.1	0	40.96	-	-	-	-	68.2	-27.24	0-360	150	H
4	* 15.575	26.43	PK	40.2	-21.1	0	45.53	-	-	74	-28.47	-	-	0-360	150	H
5	* 7.265	30.26	PK	35.8	-26.9	0	39.16	-	-	74	-34.84	-	-	0-360	150	H
2	10.384	25.29	PK	37.6	-22.1	0	40.79	-	-	-	-	68.2	-27.41	0-360	150	V
3	* 15.578	26.51	PK	40.2	-21.1	0	45.61	-	-	74	-28.39	-	-	0-360	250	V
6	* 7.265	29.06	PK	35.8	-26.9	0	37.96	-	-	74	-36.04	-	-	0-360	250	V

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

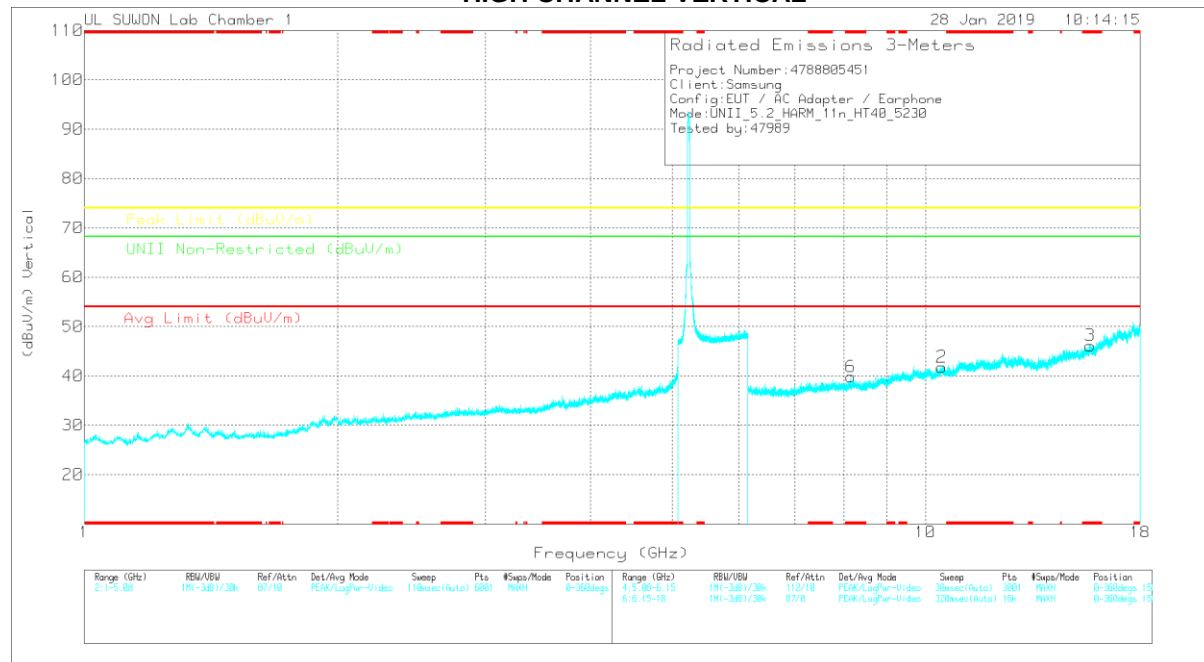
PK – Peak Detector

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_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	10.456	25.69	PK	37.7	-21.6	0	41.79	-	-	-	-	68.2	-26.41	0-360	250	H
4	* 15.698	27.58	PK	40.4	-21	0	46.98	-	-	74	-27.02	-	-	0-360	150	H
5	* 8.163	28.24	PK	36.3	-26.2	0	38.34	-	-	74	-35.66	-	-	0-360	250	H
2	10.456	25.69	PK	37.7	-21.6	0	41.79	-	-	-	-	68.2	-26.41	0-360	250	V
3	* 15.697	26.75	PK	40.4	-21	0	46.15	-	-	74	-27.85	-	-	0-360	150	V
6	* 8.158	29.86	PK	36.3	-26.3	0	39.86	-	-	74	-34.14	-	-	0-360	150	V

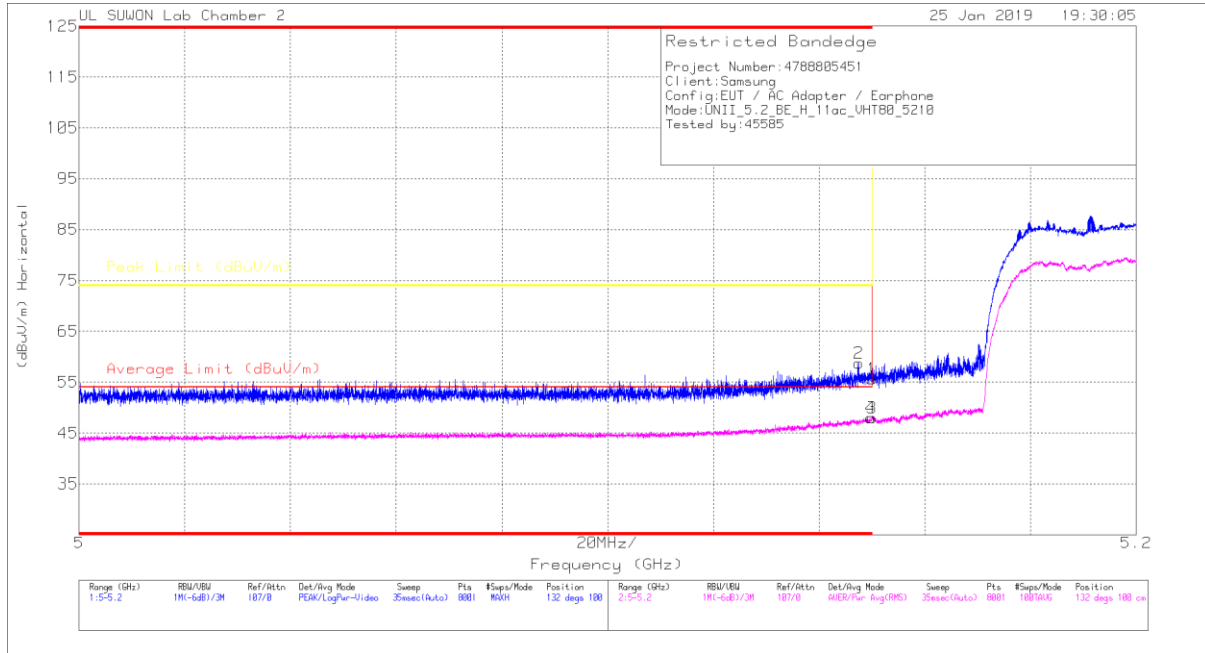
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

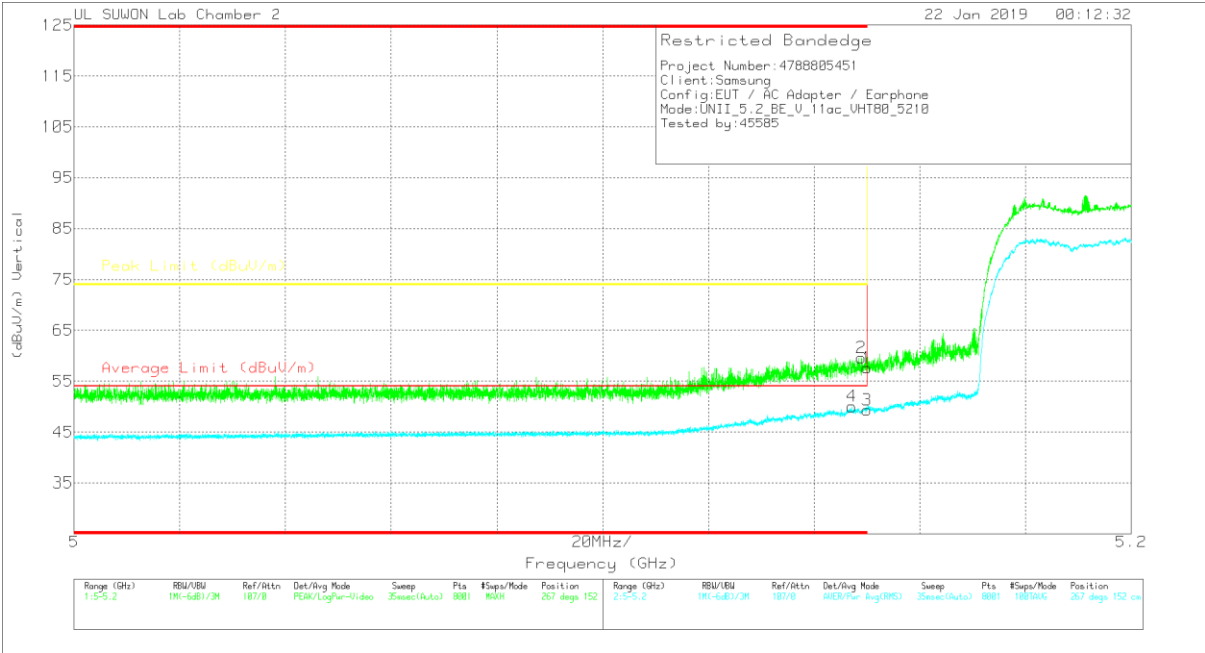
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.15	39.5	Pk	34.3	-18.2	0	55.6	-	-	74	-18.4	132	100	H
2	* 5.147	42.55	Pk	34.3	-18.1	0	58.75	-	-	74	-15.25	132	100	H
3	5.15	30.35	RMS	34.3	-17.3	.67	48.02	54	-5.98	-	-	132	100	H
4	* 5.15	30.36	RMS	34.3	-17.3	.67	48.03	54	-5.97	-	-	132	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	5.15	41.5	Pk	34.3	-18.2	0	57.6	-	-	74	-16.4	267	152	V
2	* 5.149	43.55	Pk	34.3	-18.2	0	59.65	-	-	74	-14.35	267	152	V
3	5.15	31.7	RMS	34.3	-17.3	.67	49.37	54	-4.63	-	-	267	152	V
4	* 5.147	32.35	RMS	34.3	-17.3	.67	50.02	54	-3.98	-	-	267	152	V

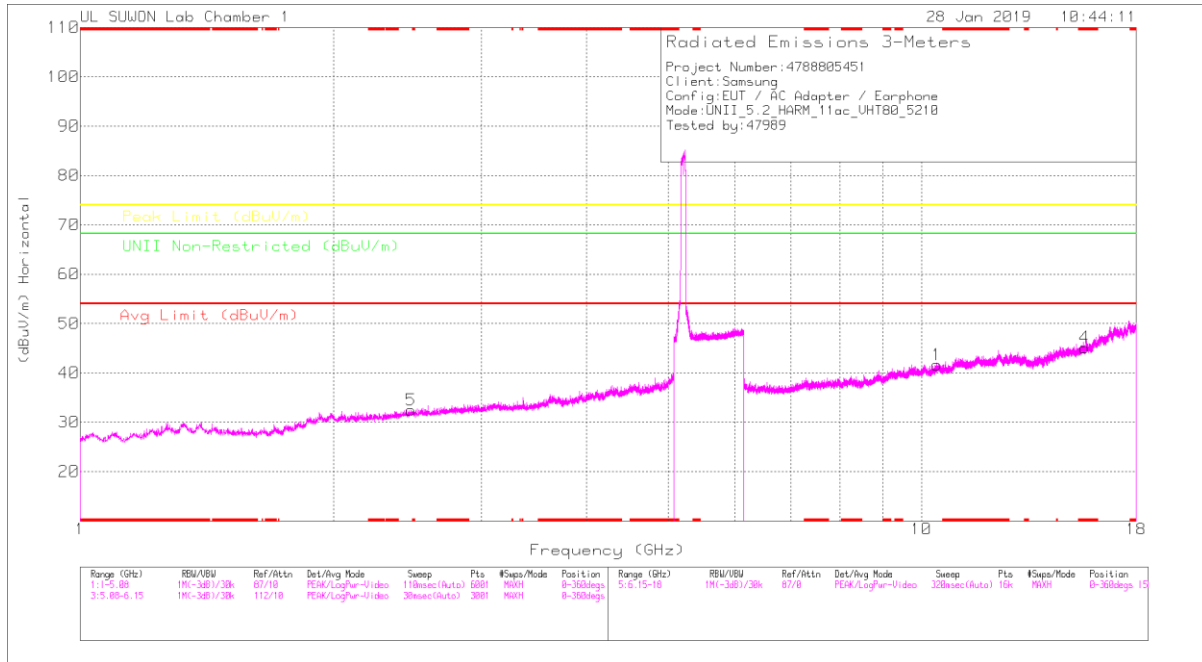
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

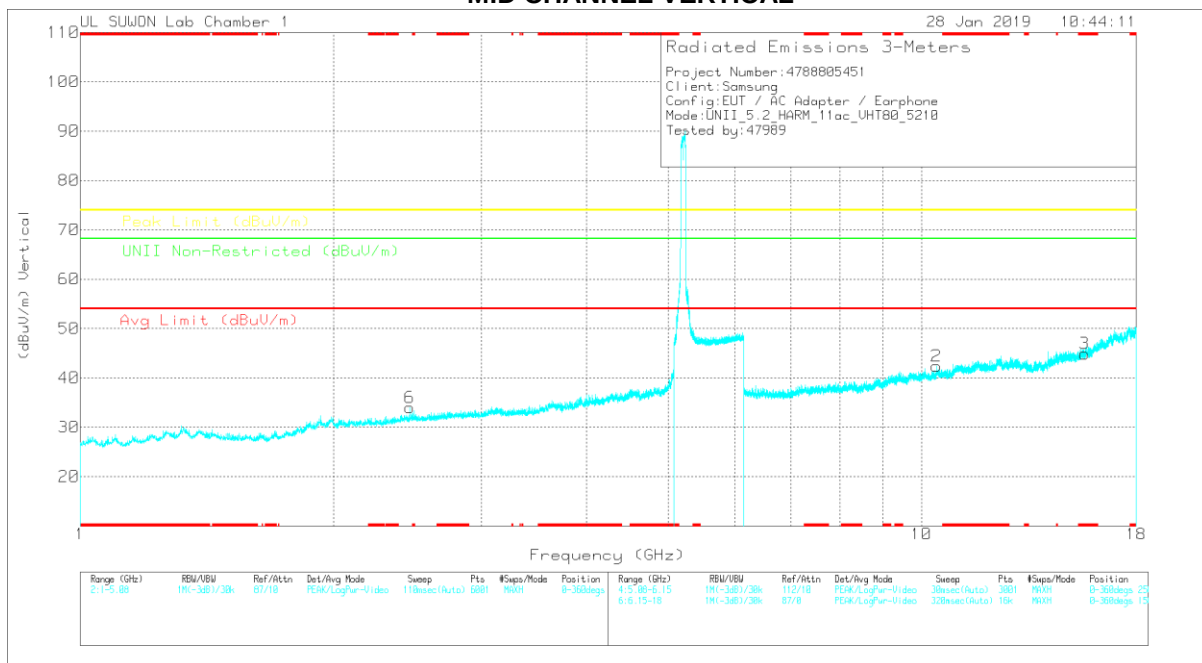
RMS - RMS detection

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_00168717	SGHz_LF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	2.472	34.96	PK	31.9	-34.4	0	32.46	-	-	-	-	68.2	-35.74	0-360	250	H
6	2.466	36.48	PK	31.9	-34.4	0	33.98	-	-	-	-	68.2	-34.22	0-360	150	V
1	10.423	25.5	PK	37.6	-21.5	0	41.6	-	-	-	-	68.2	-26.6	0-360	250	H
4	* 15.635	26.19	PK	40.3	-21.4	0	45.09	-	-	74	-28.91	-	-	0-360	150	H
2	10.42	26.28	PK	37.6	-21.5	0	42.38	-	-	-	-	68.2	-25.82	0-360	250	V
3	* 15.638	25.9	PK	40.3	-21.3	0	44.9	-	-	74	-29.1	-	-	0-360	150	V

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

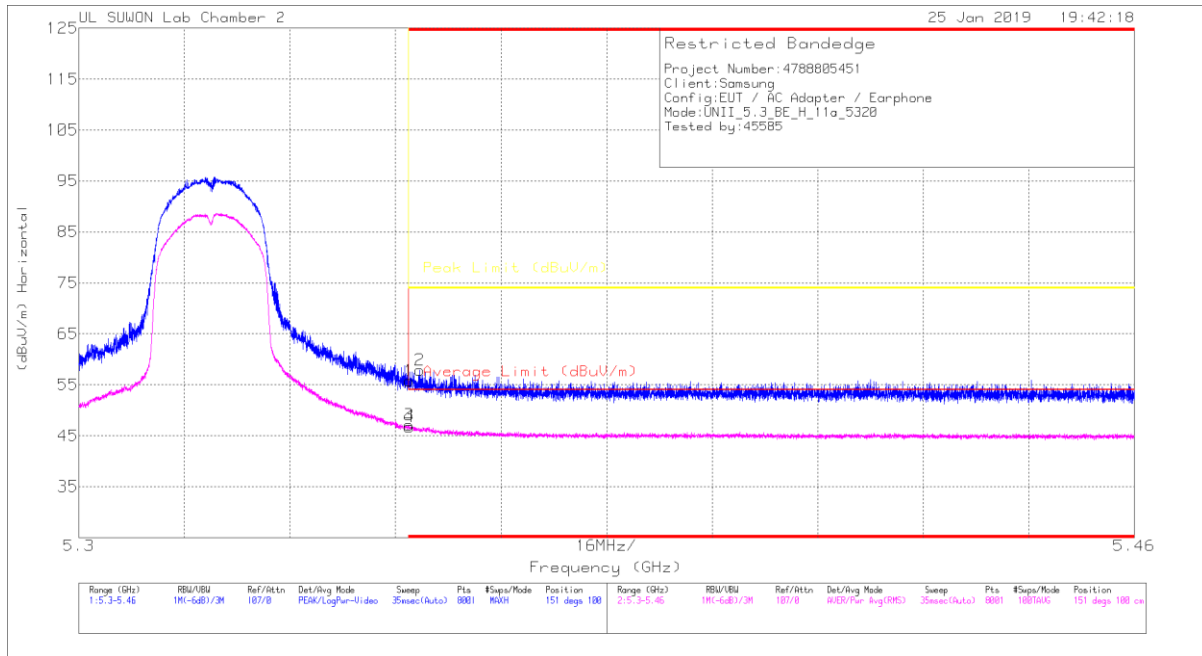
PK – Peak Detector

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

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 PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

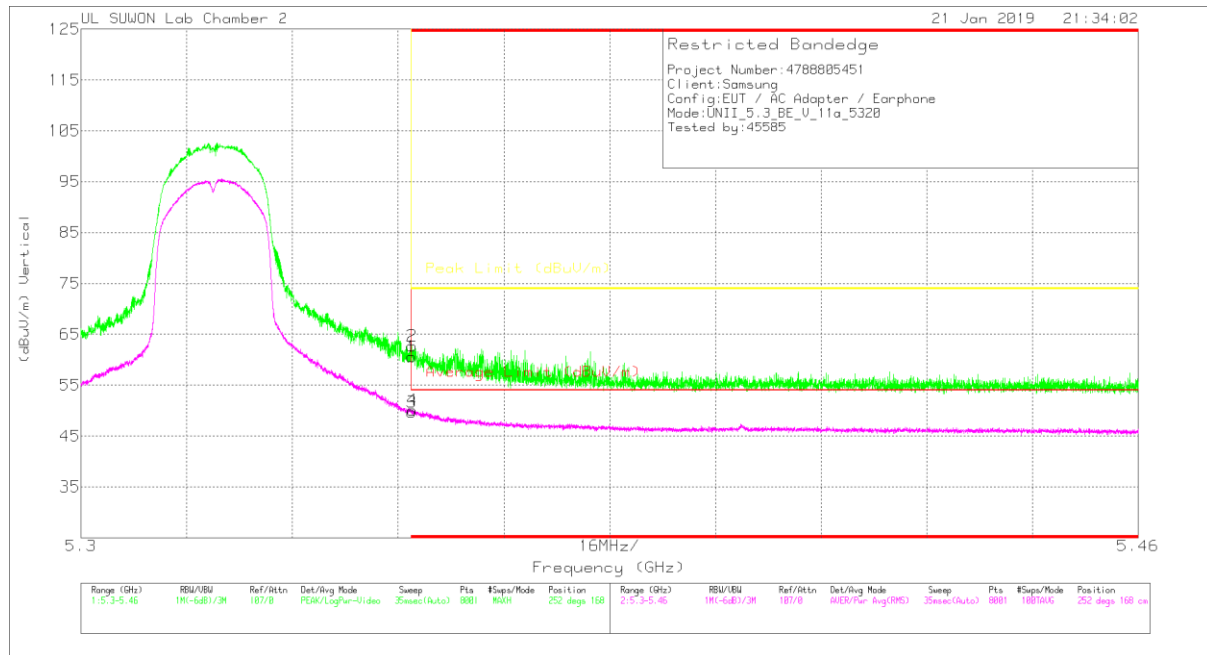
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	39.32	Pk	34.5	-18.1	0	55.72	-	-	74	-18.28	151	100	H
2	* 5.352	41.44	Pk	34.5	-18.1	0	57.84	-	-	74	-16.16	151	100	H
3	* 5.35	29.57	RMS	34.5	-17.1	.1	47.07	54	-6.93	-	-	151	100	H
4	* 5.35	29.3	RMS	34.5	-17.1	.1	46.8	54	-7.2	-	-	151	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	* 5.35	44.19	Pk	34.5	-18.1	0	60.59	-	-	74	-13.41	252	168	V
2	* 5.35	46.34	Pk	34.5	-18.1	0	62.74	-	-	74	-11.26	252	168	V
3	* 5.35	32.2	RMS	34.5	-17.1	.1	49.7	54	-4.3	-	-	252	168	V
4	* 5.35	32.59	RMS	34.5	-17.1	.1	50.09	54	-3.91	-	-	252	168	V

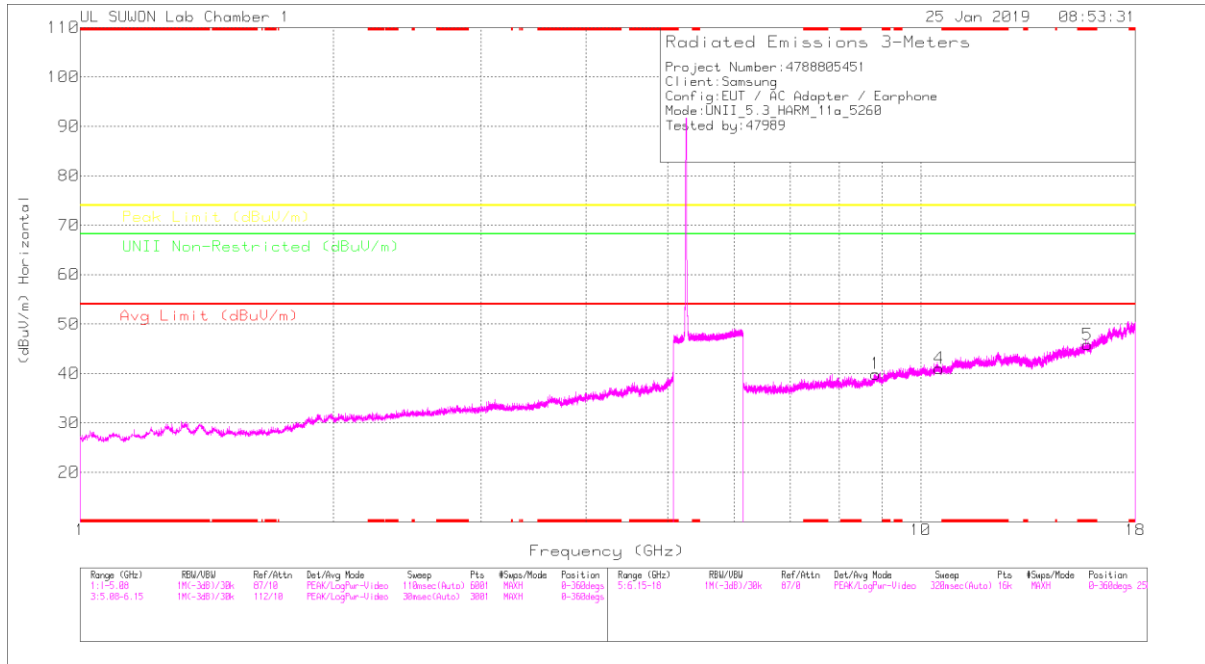
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

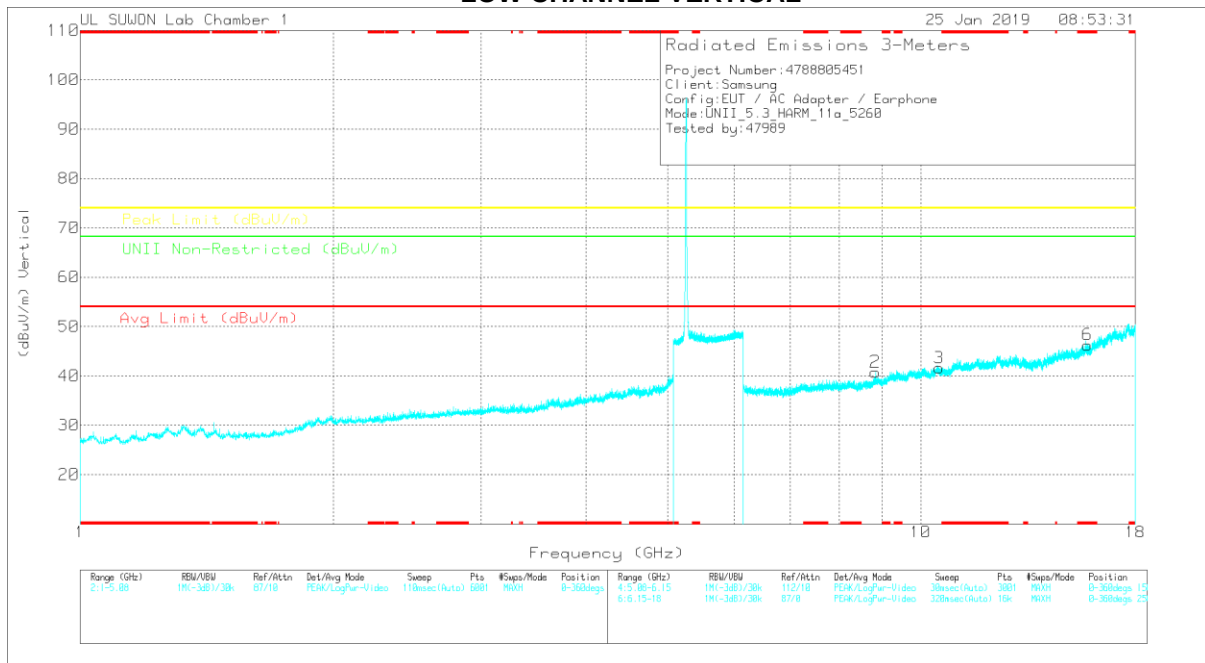
RMS - RMS detection

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

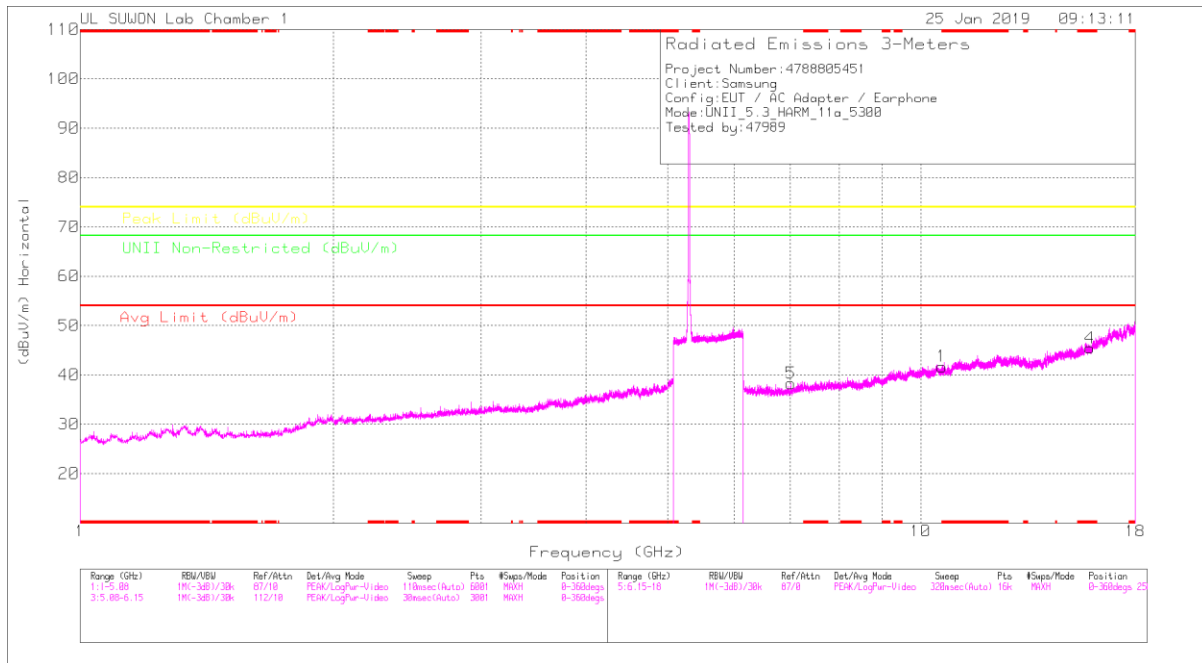
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.835	27.71	PK	36.5	-24.3	0	39.91	-	-	-	-	68.2	-28.29	0-360	150	H
4	10.523	26.03	PK	37.7	-22.7	0	41.03	-	-	-	-	68.2	-27.17	0-360	150	H
5	* 15.781	26.54	PK	40.5	-21.2	0	45.84	-	-	74	-28.16	-	-	0-360	250	H
2	8.832	28.59	PK	36.5	-24.3	0	40.79	-	-	-	-	68.2	-27.41	0-360	250	V
3	10.518	26.52	PK	37.7	-22.6	0	41.62	-	-	-	-	68.2	-26.58	0-360	150	V
6	* 15.781	26.98	PK	40.5	-21.2	0	46.28	-	-	74	-27.72	-	-	0-360	250	V

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

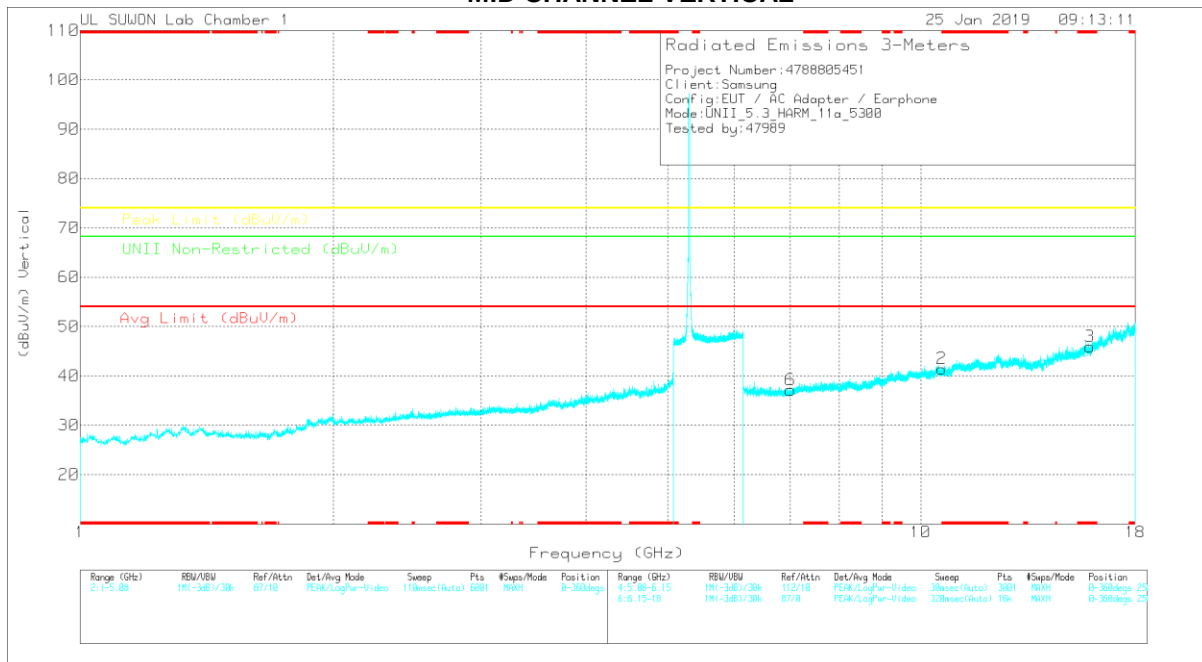
PK – Peak detector

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

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

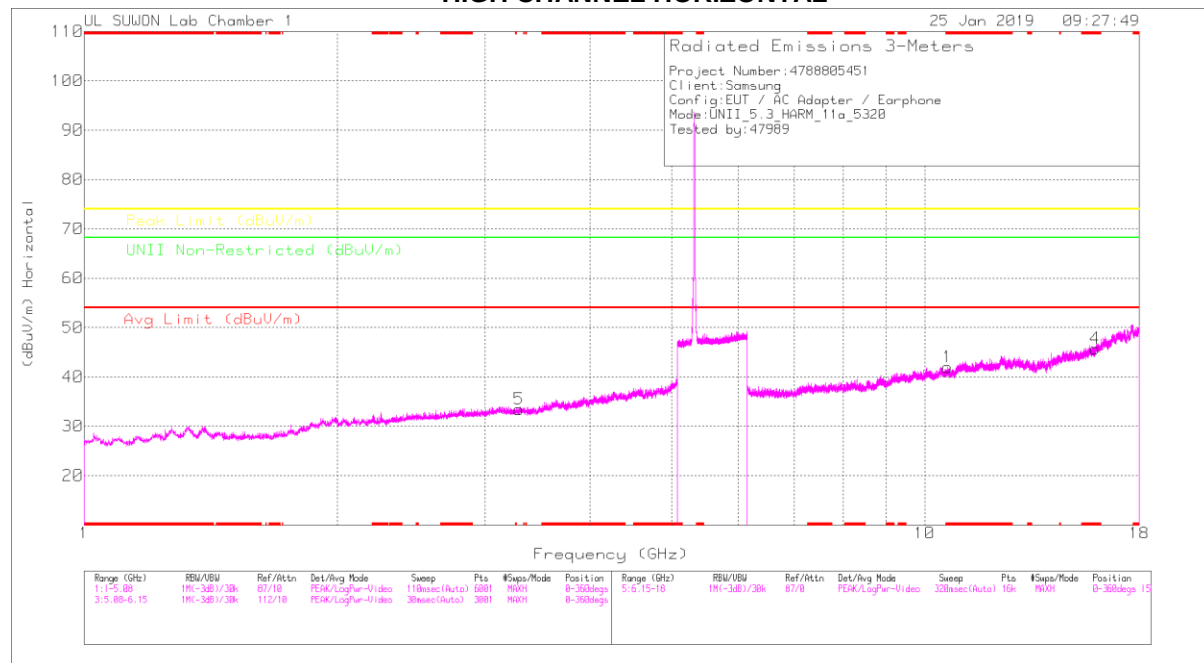
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168717	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 10.6	26.19	PK	37.8	-22.3	0	41.69	-	-	74	-32.31	-	-	0-360	150	H
4	* 15.9	26.05	PK	40.6	-21.2	0	45.45	-	-	74	-28.55	-	-	0-360	250	H
5	7.004	30.48	PK	35.7	-27.9	0	38.28	-	-	-	-	68.2	-29.92	0-360	150	H
2	10.596	25.94	PK	37.8	-22.3	0	41.44	-	-	-	-	68.2	-26.76	0-360	250	V
3	* 15.904	26.41	PK	40.6	-21.1	0	45.91	-	-	74	-28.09	-	-	0-360	250	V
6	7.002	29.32	PK	35.7	-27.9	0	37.12	-	-	-	-	68.2	-31.08	0-360	150	V

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

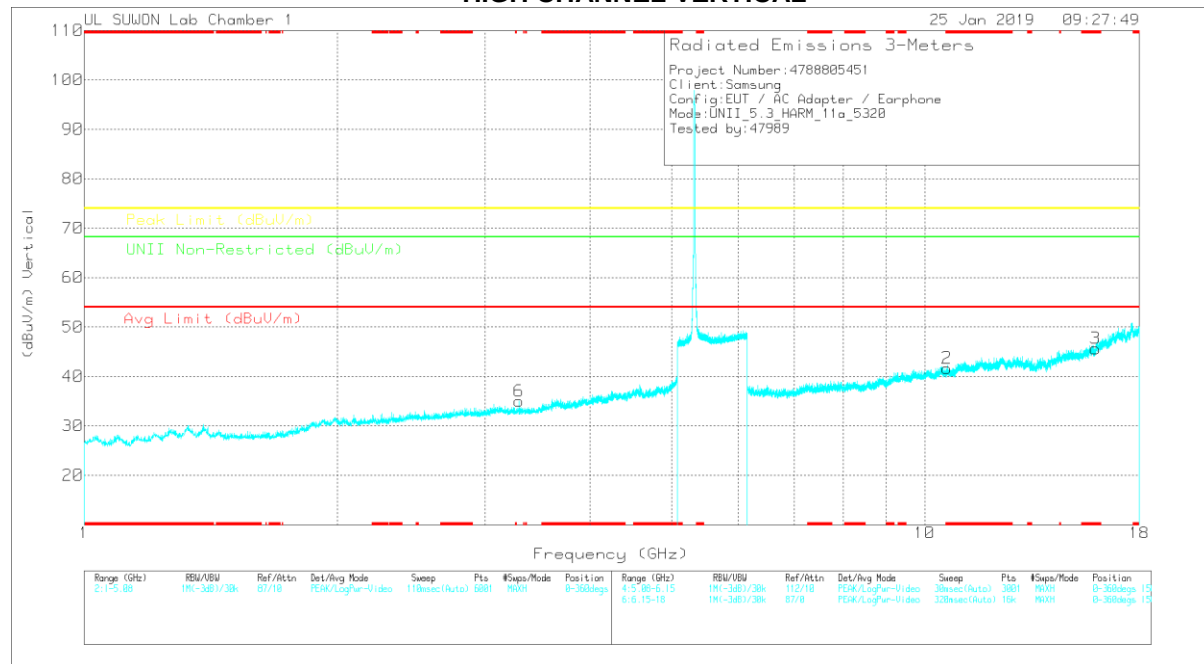
PK – Peak detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168717	5GHz_LF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	3.292	33.74	PK	32.7	-33	0	33.44	-	-	-	-	68.2	-34.76	0-360	250	H
6	3.29	35.32	PK	32.7	-33	0	35.02	-	-	-	-	68.2	-33.18	0-360	250	V
1	* 10.642	26.27	PK	37.8	-22.1	0	41.97	-	-	74	-32.03	-	-	0-360	150	H
4	* 15.959	25.93	PK	40.7	-20.9	0	45.73	-	-	74	-28.27	-	-	0-360	250	H
2	* 10.634	26.06	PK	37.8	-22.2	0	41.66	-	-	74	-32.34	-	-	0-360	150	V
3	* 15.965	25.75	PK	40.7	-20.8	0	45.65	-	-	74	-28.35	-	-	0-360	250	V

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

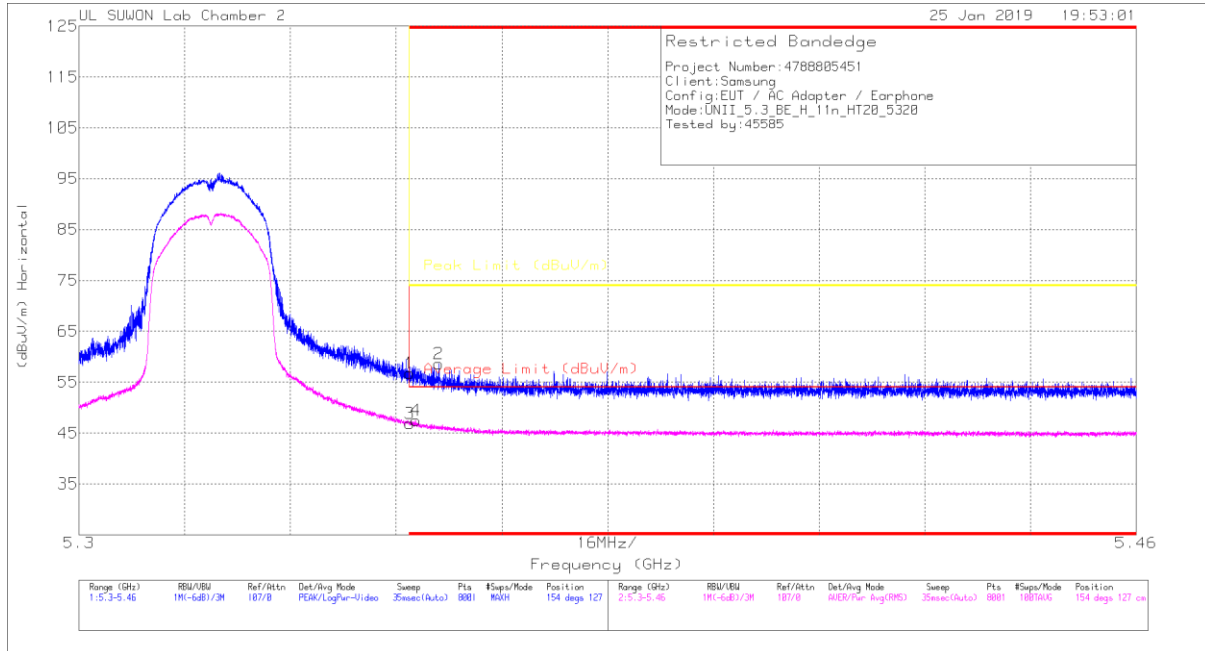
PK – Peak Detector

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

11.2.2.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

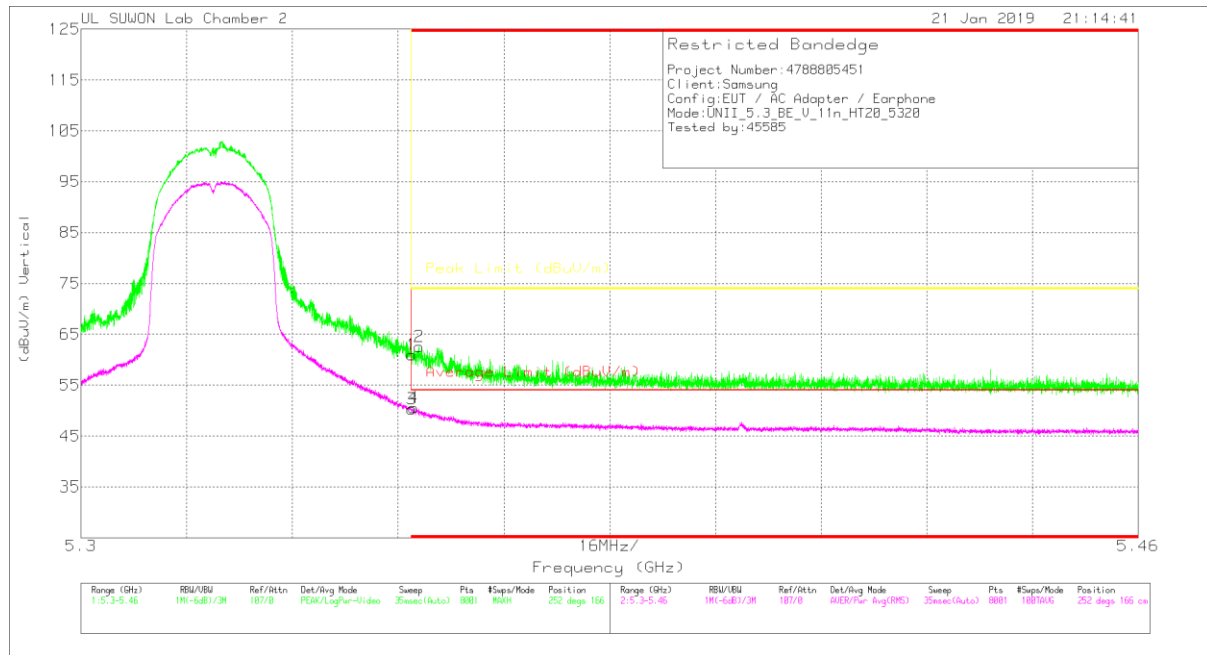
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	40.35	Pk	34.5	-18.1	0	56.75	-	-	74	-17.25	154	127	H
2	* 5.354	42.16	Pk	34.5	-18.1	0	58.56	-	-	74	-15.44	154	127	H
3	* 5.35	29.39	RMS	34.5	-17.1	.11	46.9	54	-7.1	-	-	154	127	H
4	* 5.351	29.93	RMS	34.5	-17.1	.11	47.44	54	-6.56	-	-	154	127	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	* 5.35	44.56	Pk	34.5	-18.1	0	60.96	-	-	74	-13.04	252	166	V
2	* 5.351	46.18	Pk	34.5	-18.1	0	62.58	-	-	74	-11.42	252	166	V
3	* 5.35	32.81	RMS	34.5	-17.1	.11	50.32	54	-3.68	-	-	252	166	V
4	* 5.35	33.12	RMS	34.5	-17.1	.11	50.63	54	-3.37	-	-	252	166	V

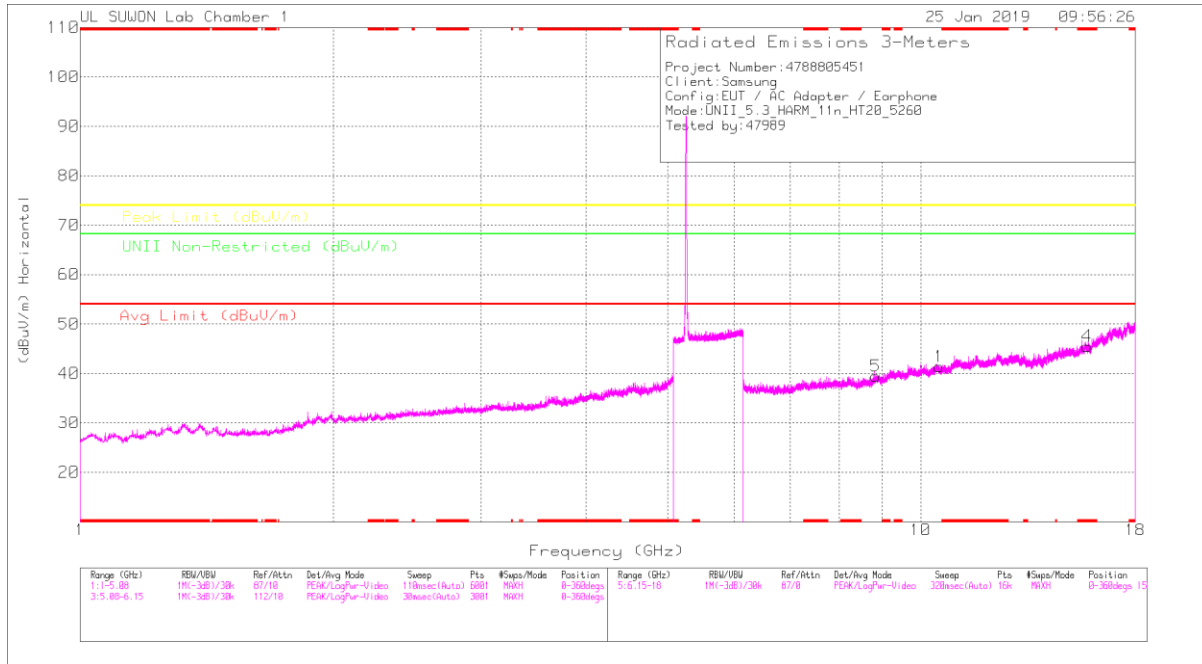
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

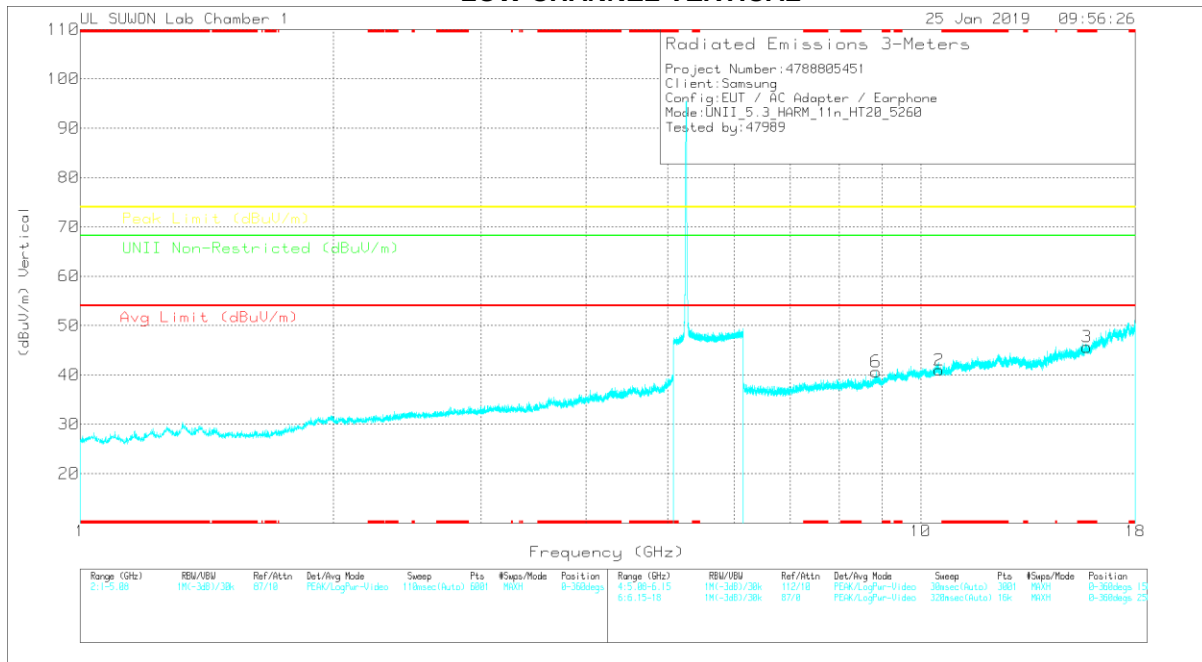
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

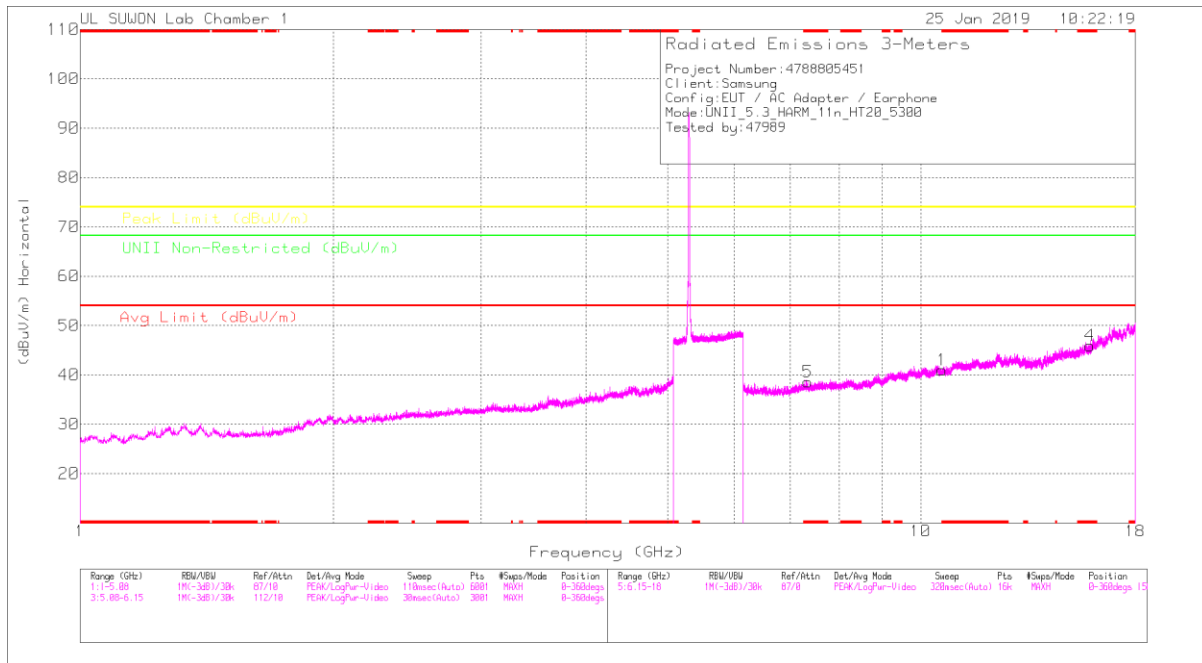
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168717	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.522	26.36	PK	37.7	-22.7	0	41.36	-	-	-	-	68.2	-26.84	0-360	250	H
4	* 15.775	26.07	PK	40.5	-21.1	0	45.47	-	-	74	-28.53	-	-	0-360	250	H
5	8.844	27.04	PK	36.5	-24.1	0	39.44	-	-	-	-	68.2	-28.76	0-360	150	H
2	10.512	25.8	PK	37.7	-22.5	0	41	-	-	-	-	68.2	-27.2	0-360	250	V
3	* 15.772	26.25	PK	40.5	-21.1	0	45.65	-	-	74	-28.35	-	-	0-360	150	V
6	8.849	28.14	PK	36.5	-24	0	40.64	-	-	-	-	68.2	-27.56	0-360	250	V

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

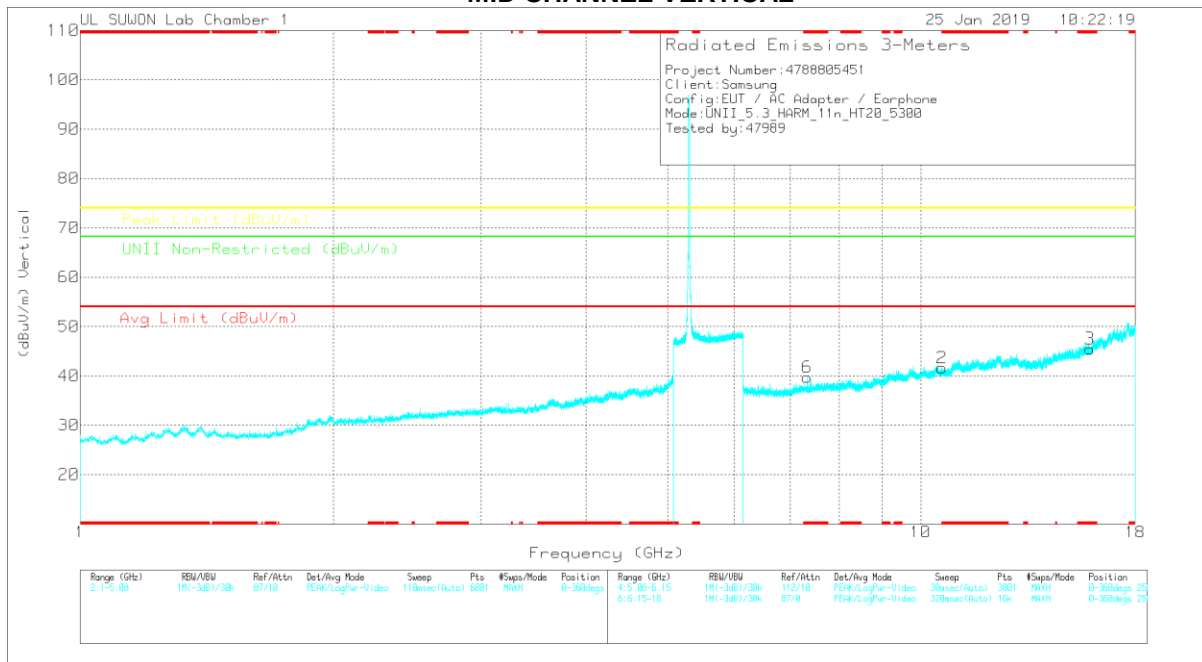
PK – Peak Detector

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

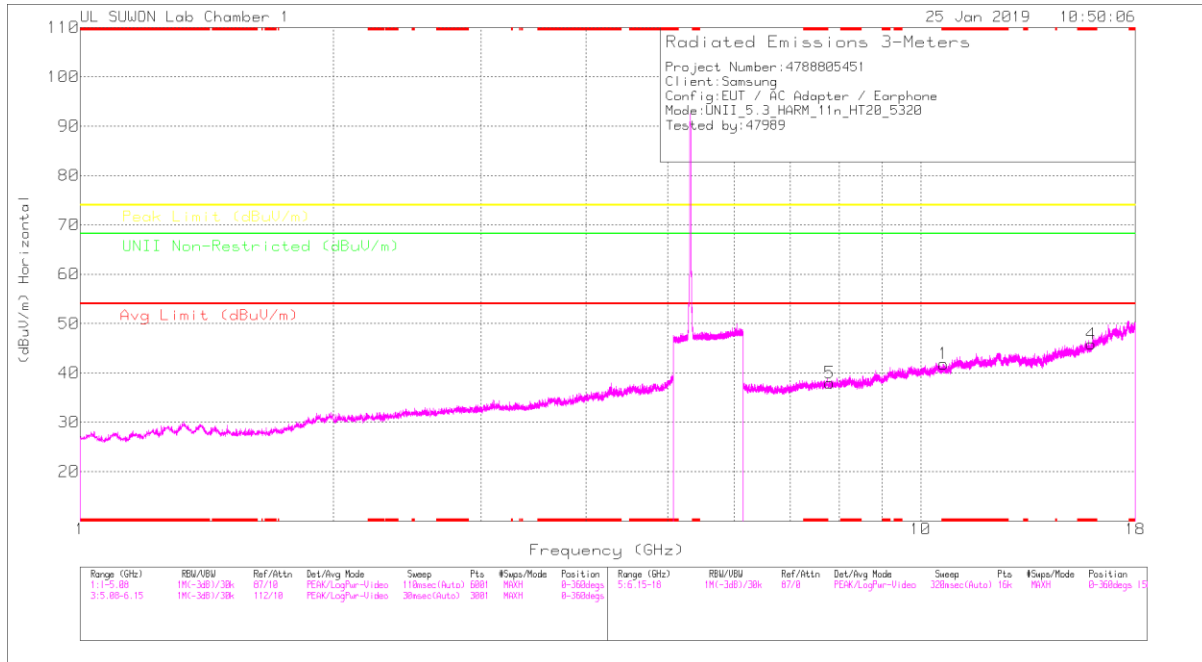
Trace Markers

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)	ULNI Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 10.601	25.48	PK	37.8	-22.3	0	40.98	-	-	74	-33.02	-	-	0-360	250	H
4	* 15.901	26.41	PK	40.6	-21.1	0	45.91	-	-	74	-28.09	-	-	0-360	250	H
5	* 7.337	30.09	PK	35.8	-27.3	0	38.59	-	-	74	-35.41	-	-	0-360	250	H
2	10.599	26.1	PK	37.8	-22.3	0	41.6	-	-	-	-	68.2	-26.6	0-360	250	V
3	* 15.907	25.97	PK	40.6	-21.1	0	45.47	-	-	74	-28.53	-	-	0-360	150	V
6	* 7.33	31.11	PK	35.8	-27.2	0	39.71	-	-	74	-34.29	-	-	0-360	150	V

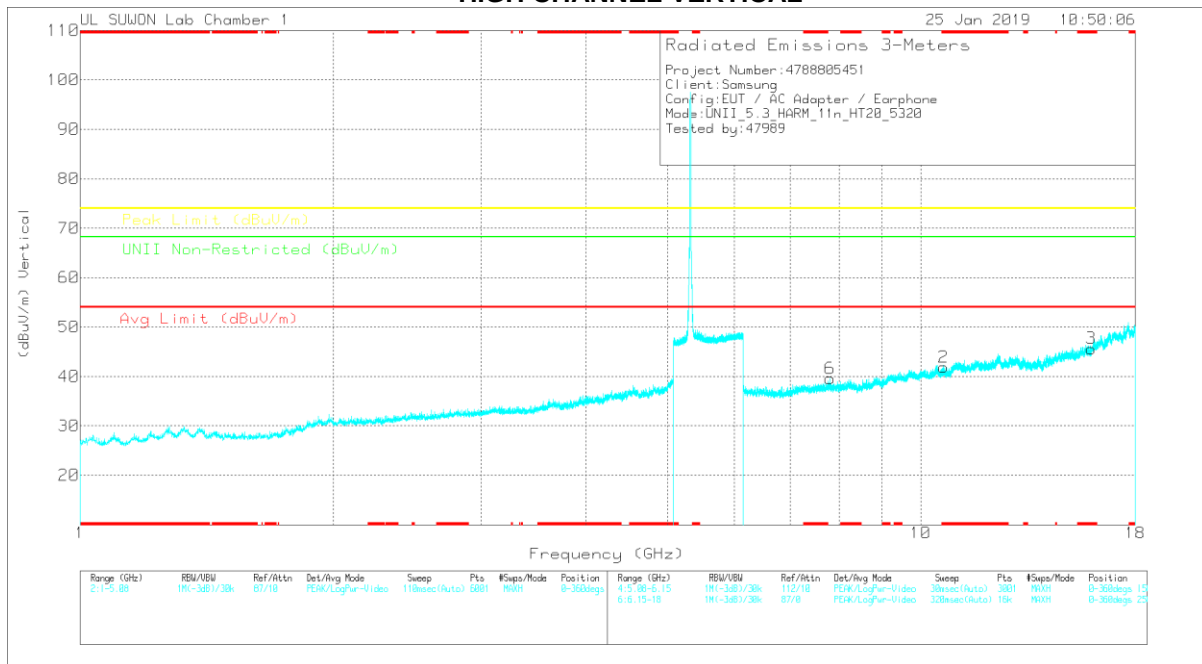
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	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	* 10.641	26.13	PK	37.8	-22.1	0	41.83	-	-	74	-32.17	-	-	0-360	250	H
4	* 15.949	26.13	PK	40.7	-21	0	45.83	-	-	74	-28.17	-	-	0-360	250	H
5	7.796	28.56	PK	35.9	-26.5	0	37.96	-	-	-	-	68.2	-30.24	0-360	250	H
2	* 10.641	26.18	PK	37.8	-22.1	0	41.88	-	-	74	-32.12	-	-	0-360	150	V
3	* 15.962	25.74	PK	40.7	-20.8	0	45.64	-	-	74	-28.36	-	-	0-360	250	V
6	7.802	30.2	PK	35.9	-26.5	0	39.6	-	-	-	-	68.2	-28.6	0-360	250	V

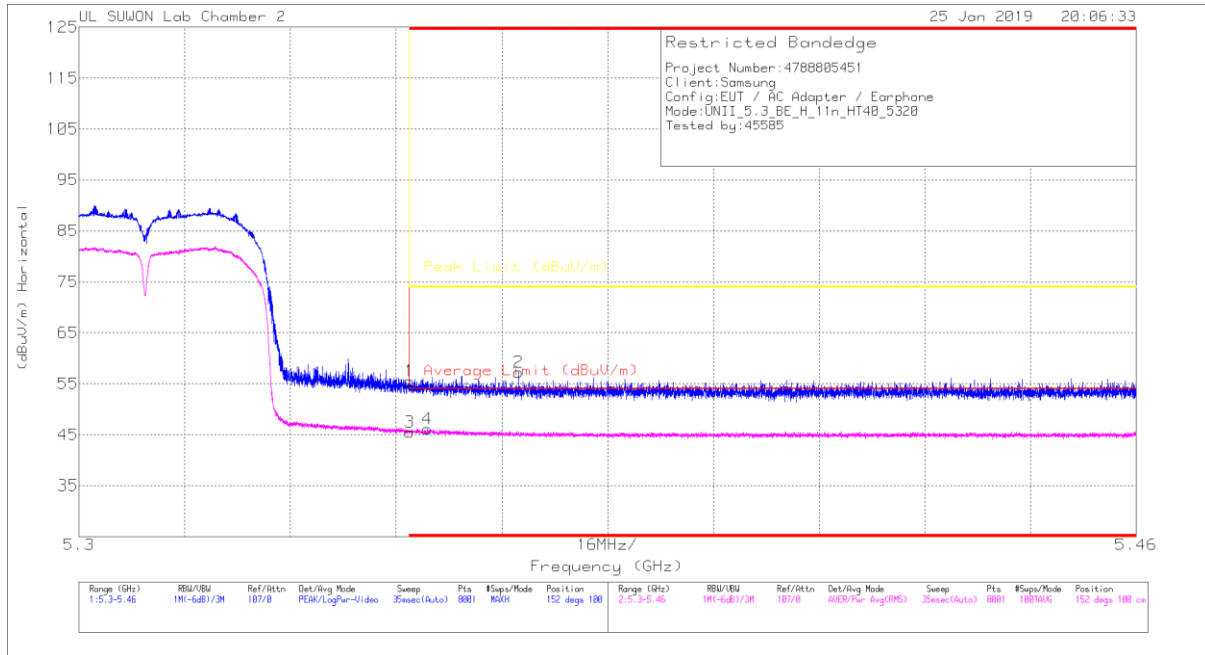
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

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

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

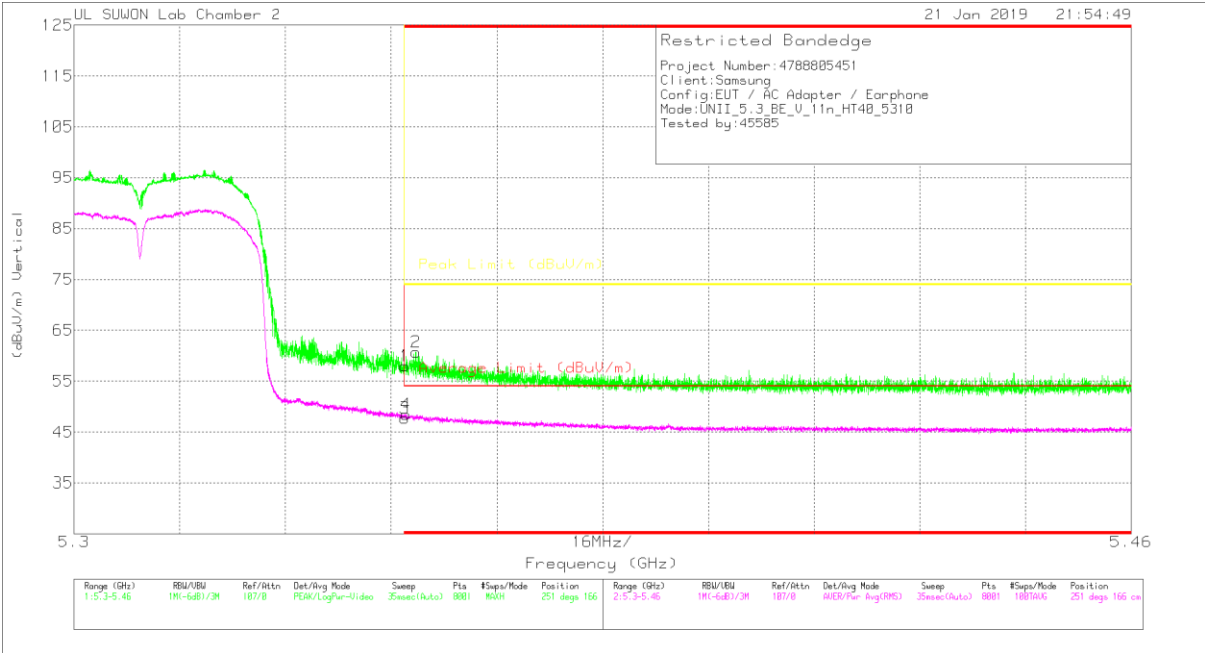
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	39.07	Pk	34.5	-18.1	0	55.47	-	-	74	-18.53	152	100	H
2	* 5.367	40.97	Pk	34.5	-18.2	0	57.27	-	-	74	-16.73	152	100	H
3	* 5.35	27.84	RMS	34.5	-17.1	.31	45.55	54	-8.45	-	-	152	100	H
4	* 5.353	28.44	RMS	34.5	-17.1	.31	46.15	54	-7.85	-	-	152	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	* 5.35	41.57	Pk	34.5	-18.1	0	57.97	-	-	74	-16.03	251	166	V
2	* 5.352	44.32	Pk	34.5	-18.1	0	60.72	-	-	74	-13.28	251	166	V
3	* 5.35	30.01	RMS	34.5	-17.1	.31	47.72	54	-6.28	-	-	251	166	V
4	* 5.35	30.73	RMS	34.5	-17.1	.31	48.44	54	-5.56	-	-	251	166	V

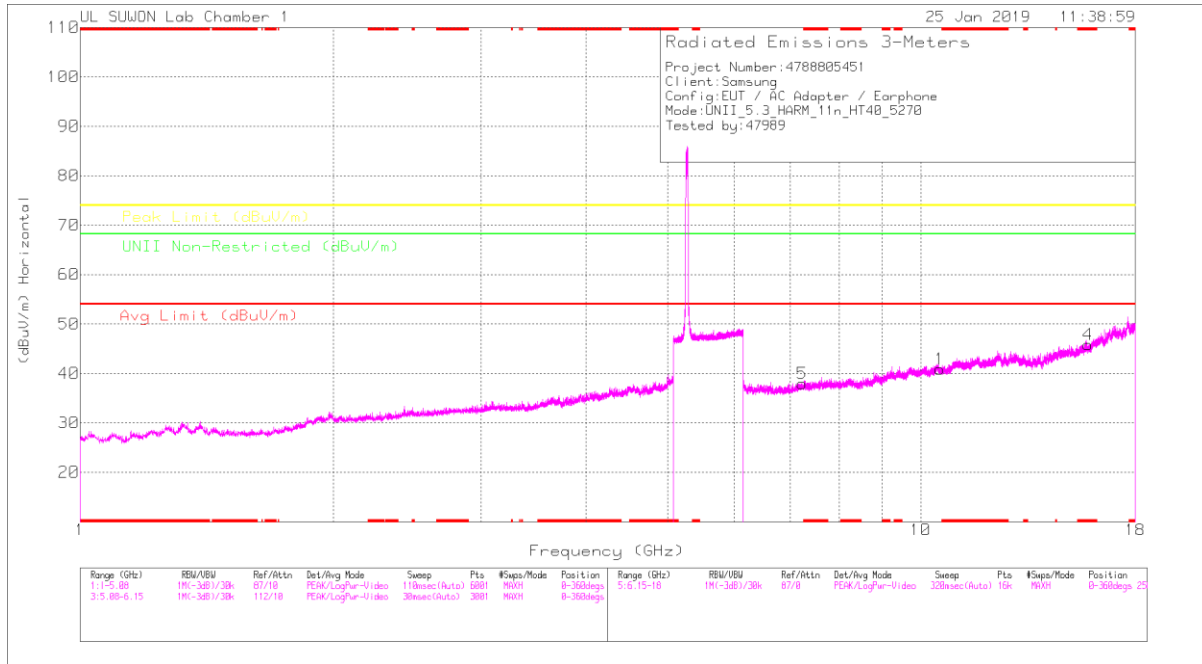
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

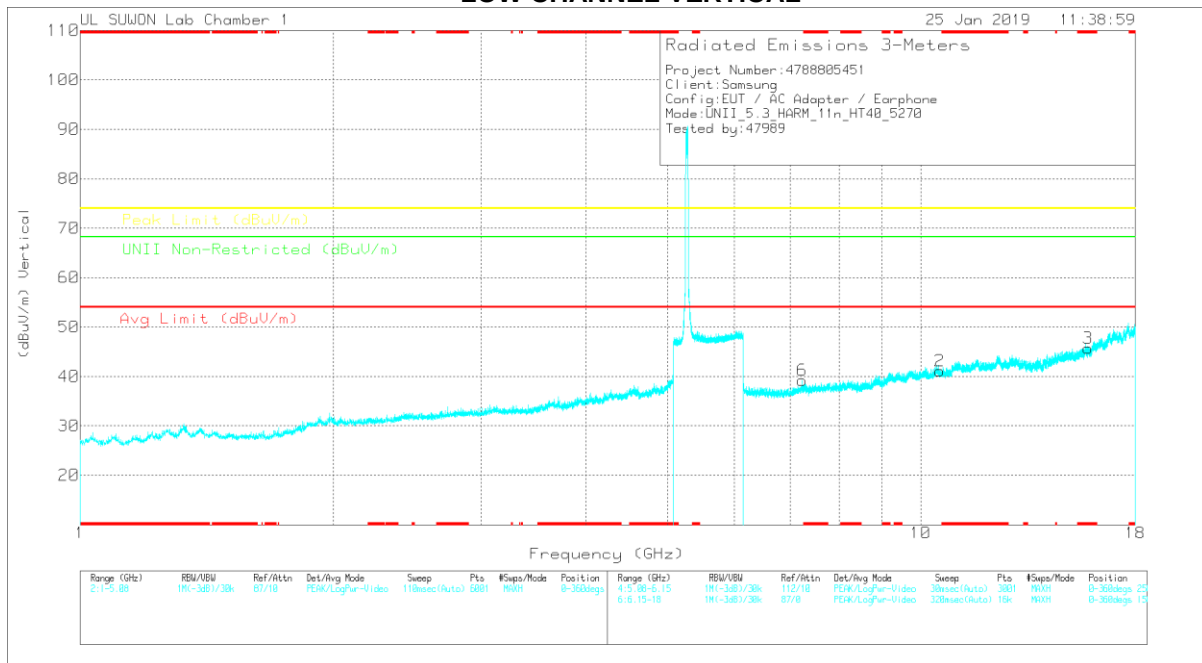
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

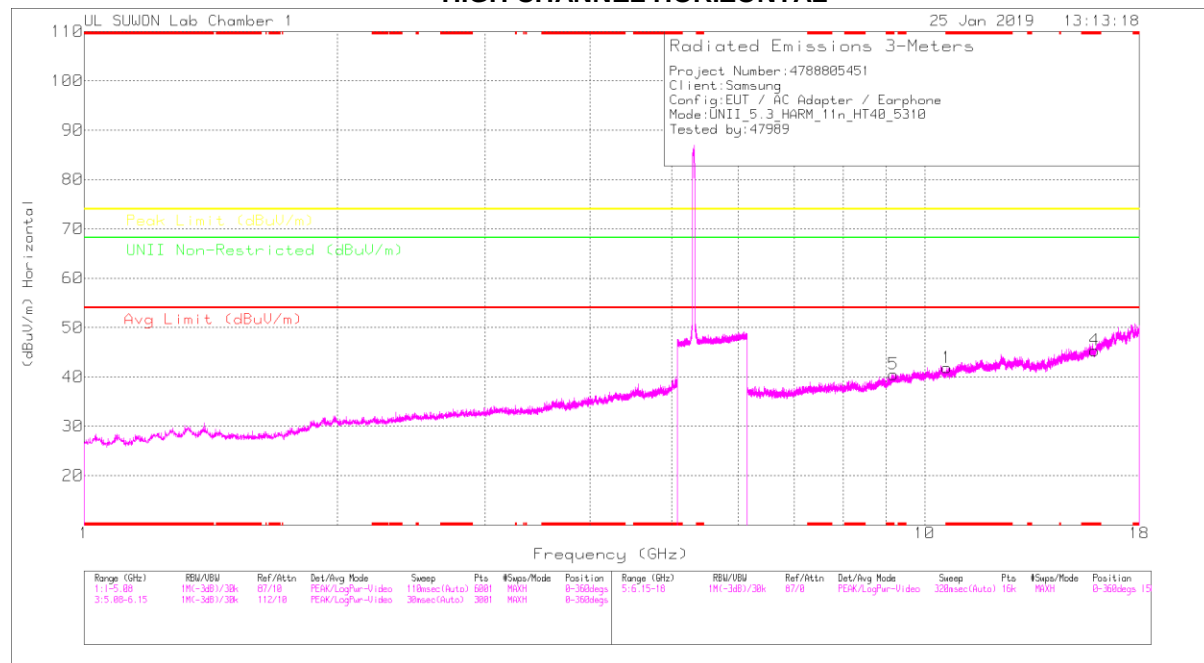
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00168717	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	10.542	25.85	PK	37.8	-22.8	0	40.85	-	-	-	-	68.2	-27.35	0-360	150	H
4	* 15.817	26.43	PK	40.5	-21.1	0	45.83	-	-	74	-28.17	-	-	0-360	150	H
5	7.225	29.42	PK	35.8	-27.3	0	37.92	-	-	-	-	68.2	-30.28	0-360	150	H
2	10.54	26.09	PK	37.8	-22.8	0	41.09	-	-	-	-	68.2	-27.11	0-360	150	V
3	* 15.815	26.28	PK	40.5	-21.1	0	45.68	-	-	74	-28.32	-	-	0-360	250	V
6	7.228	30.59	PK	35.8	-27.2	0	39.19	-	-	-	-	68.2	-29.01	0-360	150	V

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

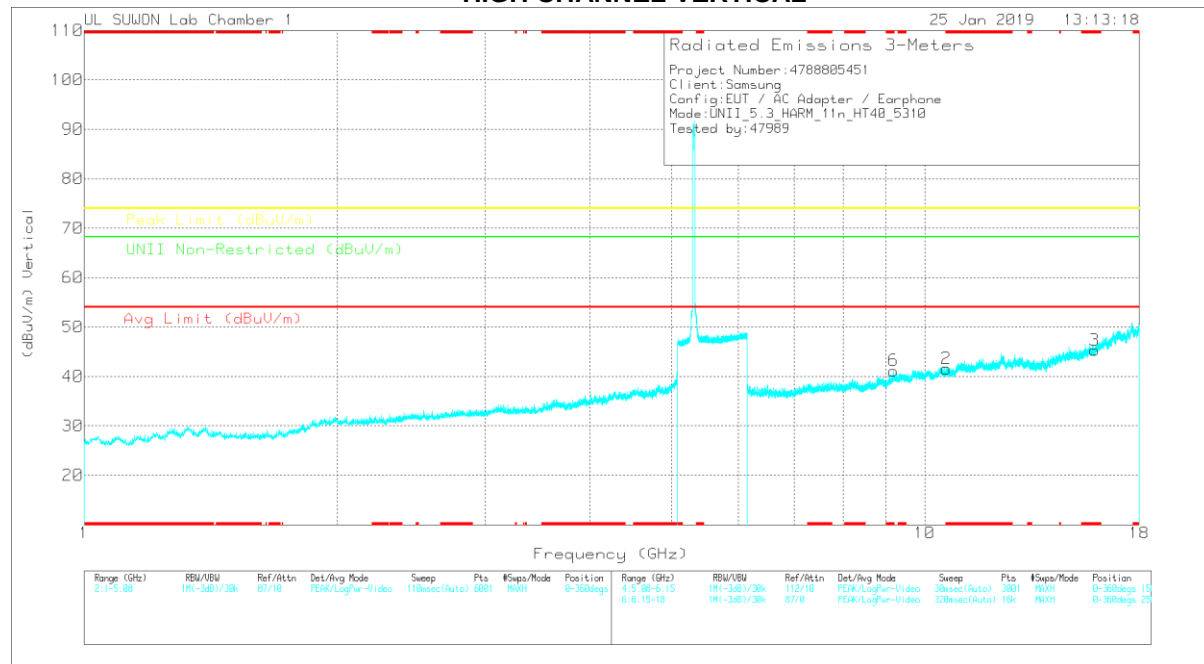
PK – Peak Detector

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)	Marker Reading (dBuV)	Det	3117_00168717	96Hz_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	* 10.623	26.26	PK	37.8	-22.2	0	41.86	-	-	74	-32.14	-	-	0-360	150	H
4	* 15.932	25.78	PK	40.7	-21.1	0	45.38	-	-	74	-28.62	-	-	0-360	250	H
5	* 9.176	27.45	PK	36.7	-23.6	0	40.55	-	-	74	-33.45	-	-	0-360	250	H
2	* 10.615	25.99	PK	37.8	-22.2	0	41.59	-	-	74	-32.41	-	-	0-360	250	V
3	* 15.933	25.71	PK	40.7	-21.1	0	45.31	-	-	74	-28.69	-	-	0-360	250	V
6	* 9.183	28.09	PK	36.7	-23.6	0	41.19	-	-	74	-32.81	-	-	0-360	250	V

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

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

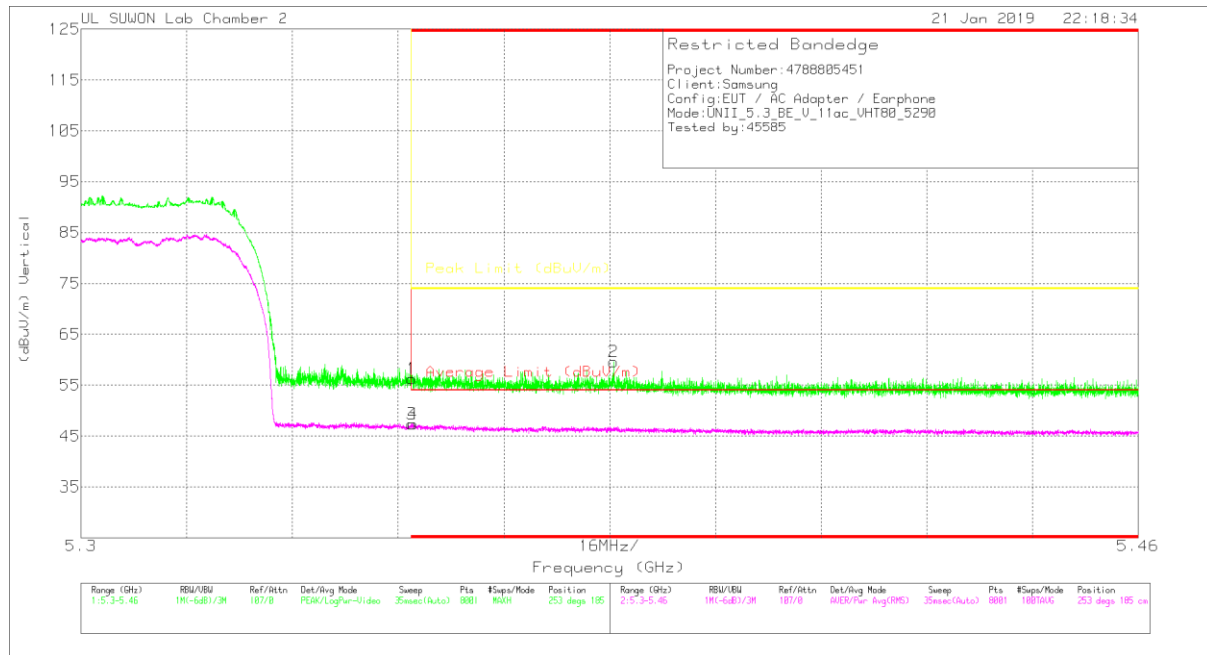
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	38.07	Pk	34.5	-18.1	0	54.47	-	-	74	-19.53	131	100	H
2	* 5.386	40.4	Pk	34.5	-18.1	0	56.8	-	-	74	-17.2	131	100	H
3	* 5.35	27.44	RMS	34.5	-17.1	.67	45.51	54	-8.49	-	-	131	100	H
4	* 5.421	28.03	RMS	34.5	-17	.67	46.2	54	-7.8	-	-	131	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	* 5.35	39.92	Pk	34.5	-18.1	0	56.32	-	-	74	-17.68	253	185	V
2	* 5.381	43.34	Pk	34.5	-18.2	0	59.64	-	-	74	-14.36	253	185	V
3	* 5.35	29.26	RMS	34.5	-17.1	.67	47.33	54	-6.67	-	-	253	185	V
4	* 5.35	29.29	RMS	34.5	-17.1	.67	47.36	54	-6.64	-	-	253	185	V

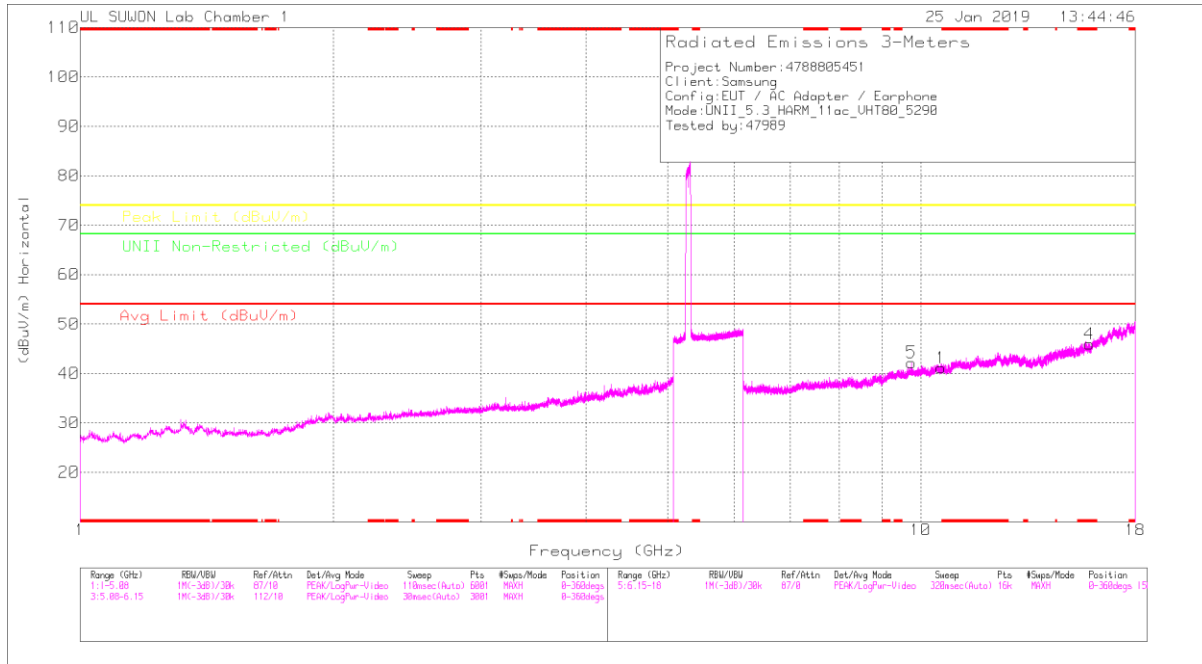
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

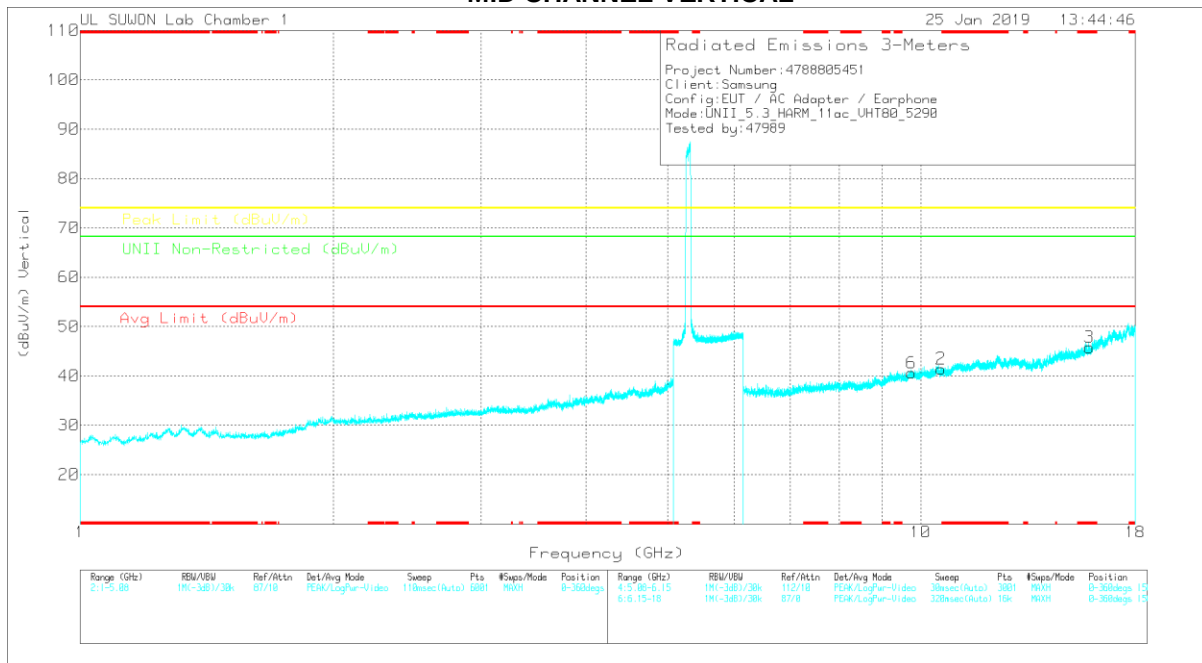
RMS - RMS detection

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)	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)	UNE Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	10.576	26.01	PK	37.8	-22.7	0	41.11	-	-	-	-	68.2	-27.09	0-360	150	H
4	* 15.869	26.33	PK	40.6	-21	0	45.93	-	-	74	-28.07	-	-	0-360	250	H
5	9.753	27.89	PK	37.2	-22.9	0	42.19	-	-	-	-	68.2	-26.01	0-360	150	H
2	10.577	26.31	PK	37.8	-22.7	0	41.41	-	-	-	-	68.2	-26.79	0-360	150	V
3	* 15.869	26.18	PK	40.6	-21	0	45.78	-	-	74	-28.22	-	-	0-360	250	V
6	9.749	26.28	PK	37.2	-22.9	0	40.58	-	-	-	-	68.2	-27.62	0-360	250	V

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

PK – Peak Detector

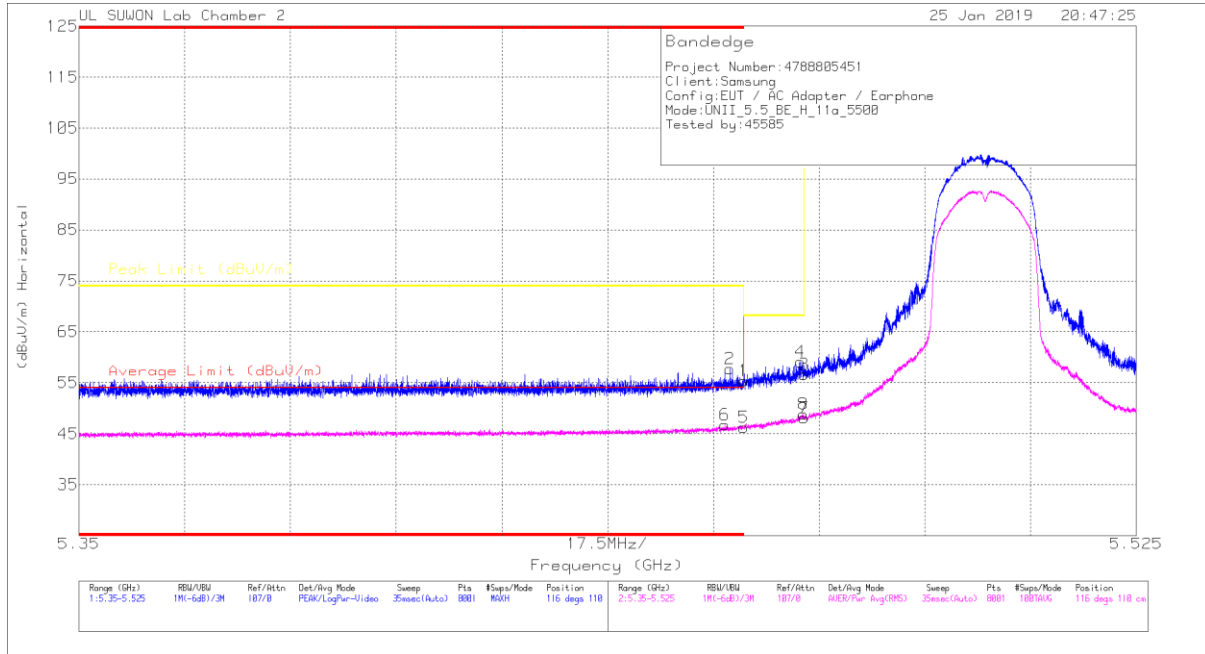
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

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

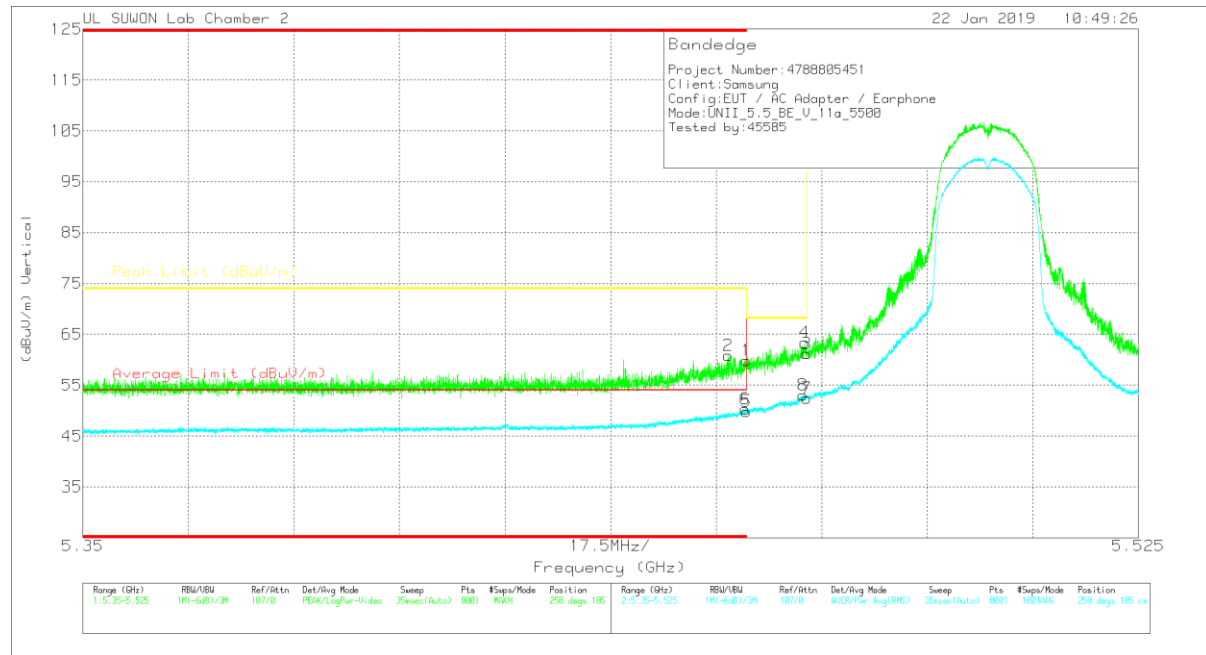
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	38.99	Pk	34.6	-18.2	0	55.39	-	-	74	-18.61	116	110	H
2	* 5.458	41.38	Pk	34.6	-18.2	0	57.78	-	-	74	-16.22	116	110	H
3	5.47	40.13	Pk	34.6	-18.1	0	56.63	-	-	68.2	-11.57	116	110	H
4	5.469	42.58	Pk	34.6	-18.1	0	59.08	-	-	68.2	-9.12	116	110	H
5	* 5.46	28.44	RMS	34.6	-16.9	.1	46.24	54	-7.76	-	-	116	110	H
6	* 5.457	28.9	RMS	34.6	-16.9	.1	46.7	54	-7.3	-	-	116	110	H
7	5.47	30.29	RMS	34.6	-16.9	.1	48.09	-	-	-	-	116	110	H
8	5.47	31.01	RMS	34.6	-16.9	.1	48.81	-	-	-	-	116	110	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	43.49	Pk	34.6	-18.2	0	59.89	-	-	74	-14.11	258	185	V
2	* 5.457	44.42	Pk	34.6	-18.2	0	60.82	-	-	74	-13.18	258	185	V
3	5.47	44.72	Pk	34.6	-18.1	0	61.22	-	-	68.2	-6.98	258	185	V
4	5.47	46.88	Pk	34.6	-18.1	0	63.38	-	-	68.2	-4.82	258	185	V
5	* 5.46	32.09	RMS	34.6	-16.9	.1	49.89	54	-4.11	-	-	258	185	V
6	* 5.46	32.48	RMS	34.6	-16.9	.1	50.28	54	-3.72	-	-	258	185	V
7	5.47	34.64	RMS	34.6	-16.9	.1	52.44	-	-	-	-	258	185	V
8	5.469	35.3	RMS	34.6	-16.9	.1	53.1	-	-	-	-	258	185	V

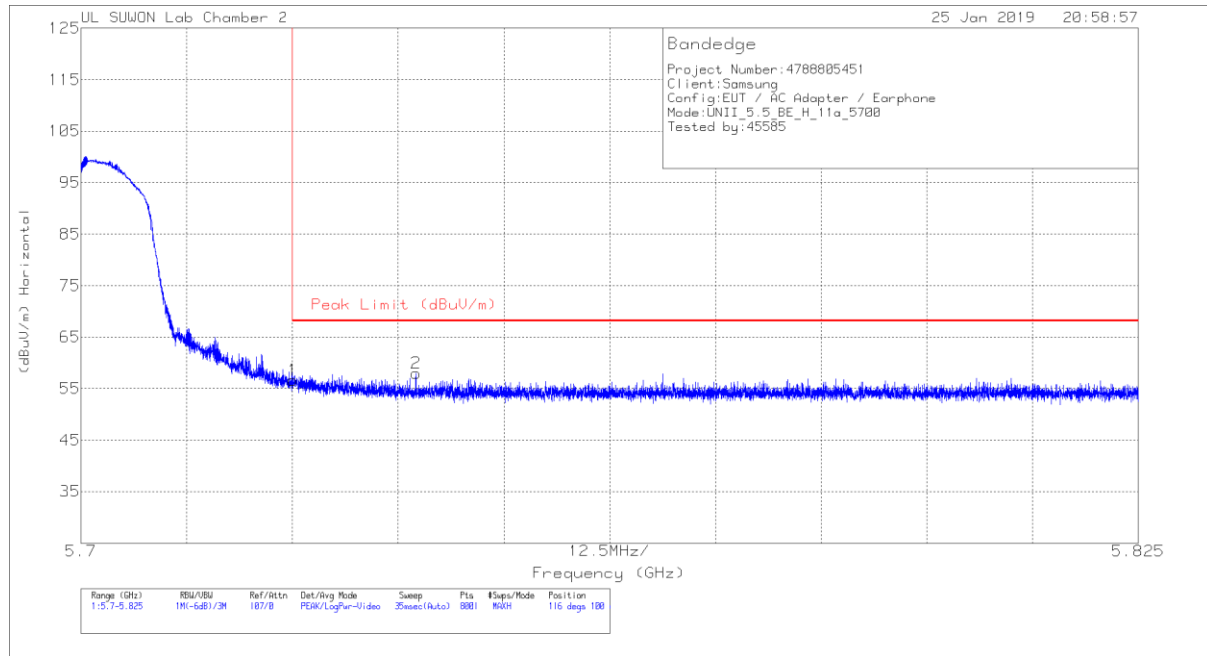
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



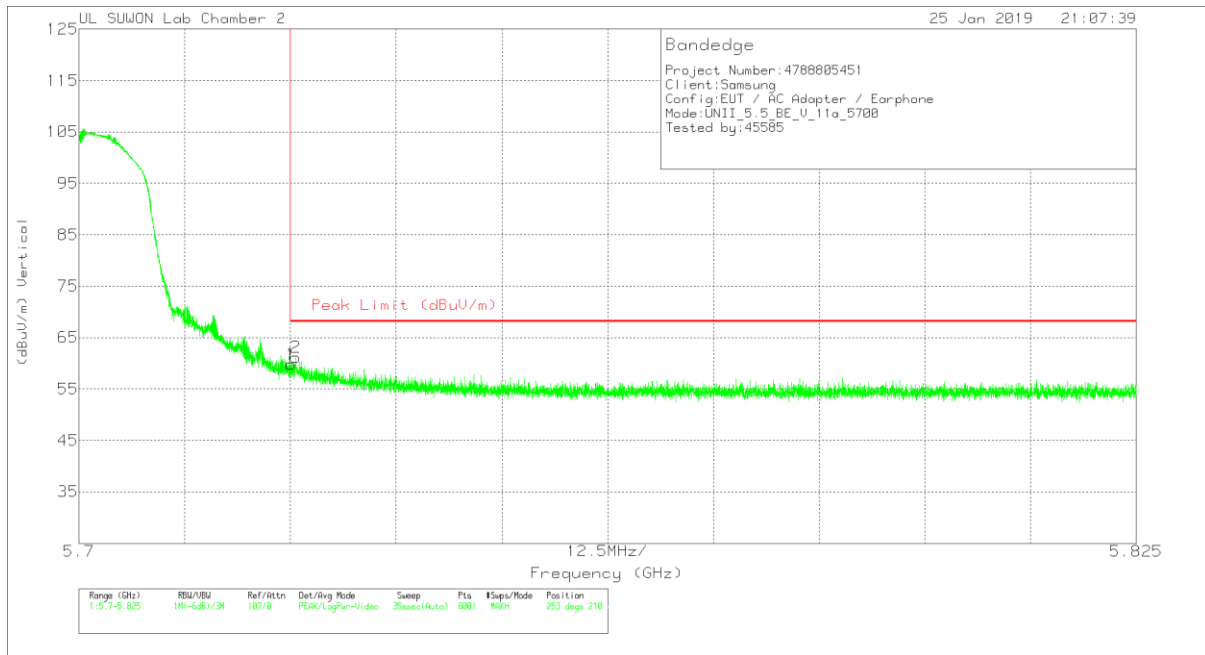
HORIZONTAL DATA

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	39.53	Pk	34.7	-17.6	0	56.63	68.2	-11.57	116	100	H
2	5.74	40.93	Pk	34.7	-17.6	0	58.03	68.2	-10.17	116	100	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

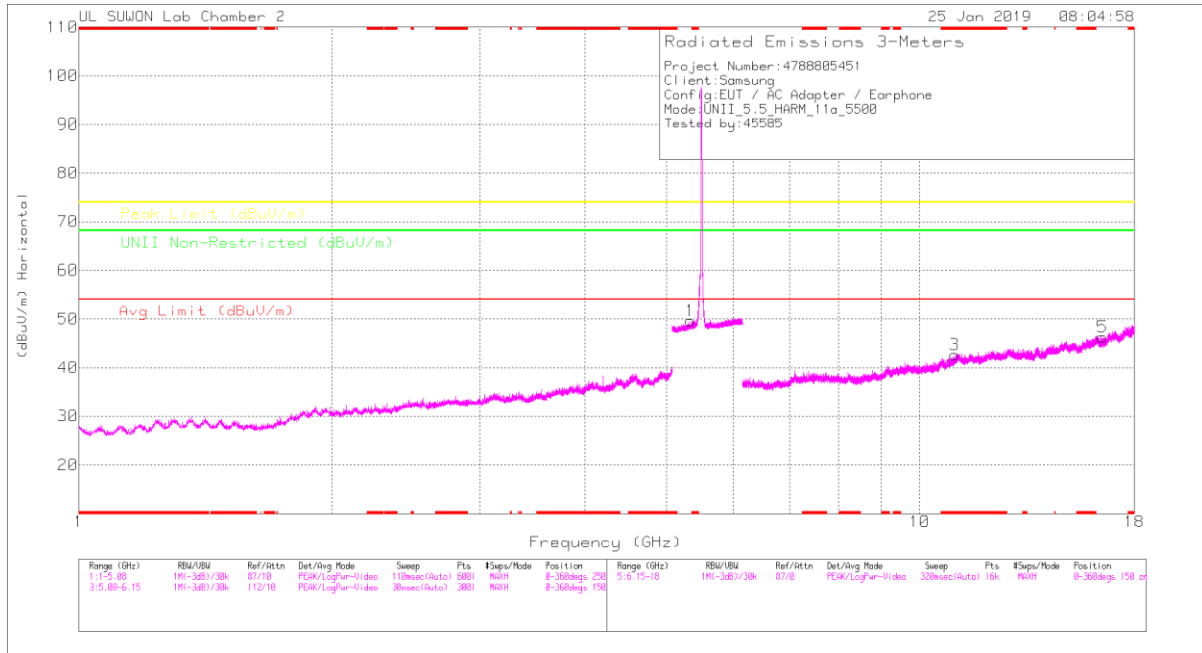
Trace Markers

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	42.7	Pk	34.7	-17.6	0	59.8	68.2	-8.4	253	210	V
2	5.726	44	Pk	34.7	-17.5	0	61.2	68.2	-7	253	210	V

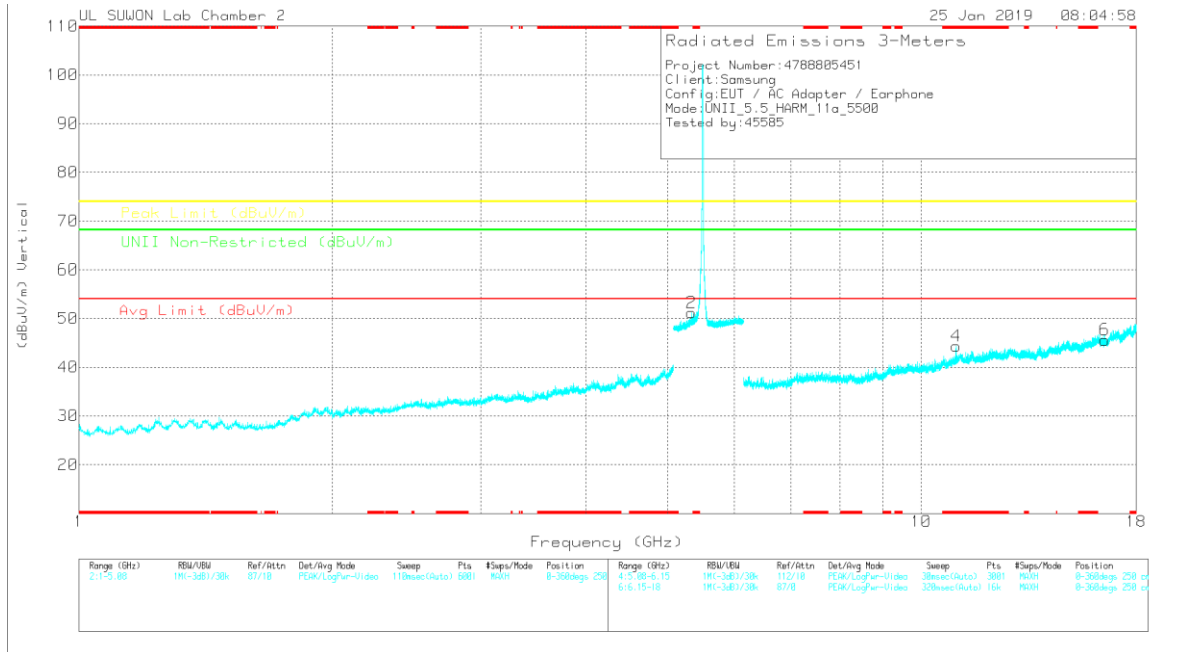
Pk - Peak detector

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	10dB(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)	Altitude (Degs)	Height (cm)	Polarity
1	5.34	33.18	PK	34.5	-18	0	49.68	-	-	-	-	68.2	-18.52	0-360	150	H
2	5.34	34.68	PK	34.5	-18	0	51.18	-	-	-	-	68.2	-17.02	0-360	250	V
3	* 11.001	25.1	PK	38.1	-20.5	0	42.7	-	-	74	-31.3	-	-	0-360	150	H
5	16.499	25.7	PK	40.5	-19.9	0	46.3	-	-	-	-	68.2	-21.9	0-360	250	H
4	* 11	26.89	PK	38.1	-20.6	0	44.39	-	-	74	-29.61	-	-	0-360	150	V
6	16.502	24.87	PK	40.5	-19.8	0	45.57	-	-	-	-	68.2	-22.63	0-360	250	V

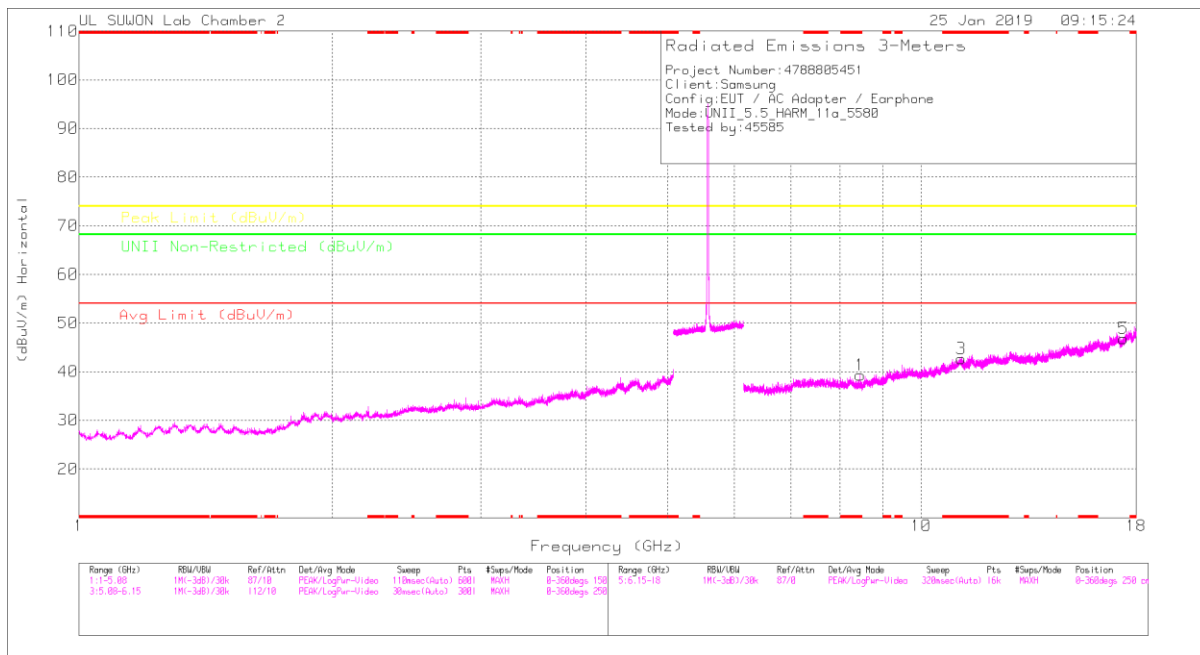
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

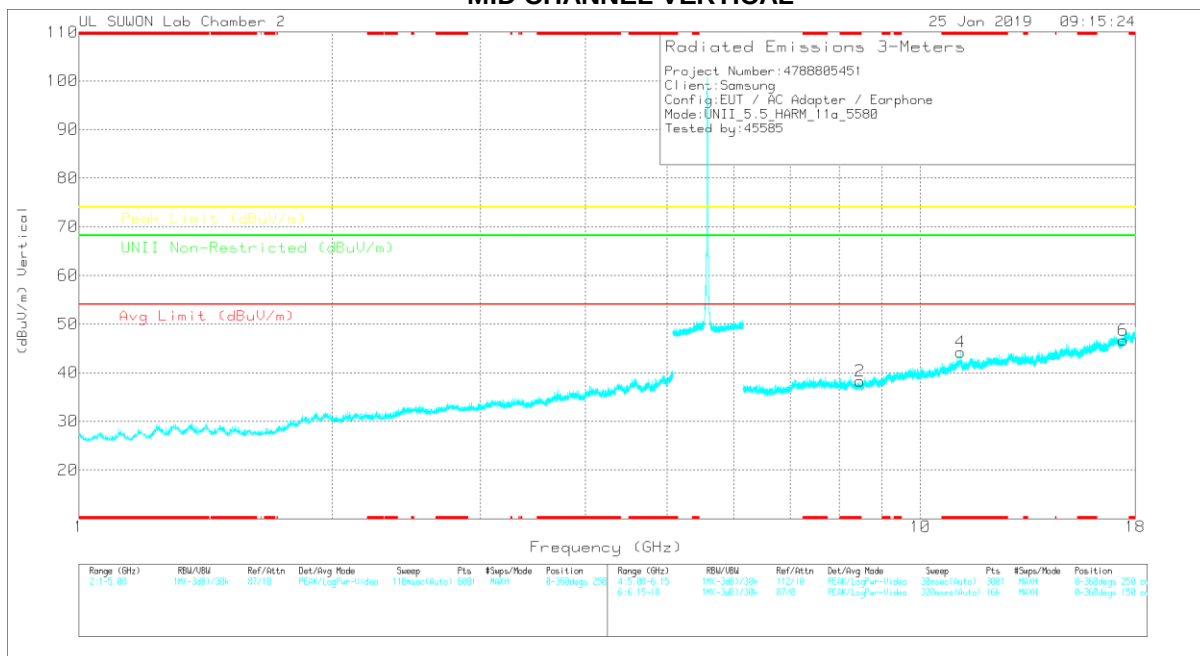
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
5.339	44.32	PK-U	34.5	-18.1	0	60.72	-	-	-	-	68.2	-7.48	216	100	H
5.34	45.86	PK-U	34.5	-18	0	62.36	-	-	-	-	68.2	-5.84	253	211	V
* 11	26.26	ADR	38.1	-20.6	.1	43.86	54	-10.14	-	-	-	-	264	194	V
* 11	24.99	ADR	38.1	-20.6	.1	42.59	54	-11.41	-	-	-	-	158	174	H
* 11.004	37.62	PK-U	38.1	-20.5	0	55.22	-	-	74	-18.78	-	-	264	194	V
* 11	37.16	PK-U	38.1	-20.6	0	54.66	-	-	74	-19.34	-	-	158	174	H

* - 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	* 8.467	26.44	PK	36.1	-23.3	0	39.24	-	-	74	-34.76	-	-	0-360	250	H
3	* 11.16	24.05	PK	38.2	-19.6	0	42.65	-	-	74	-31.35	-	-	0-360	250	H
5	17.4	24.13	PK	41.4	-18.7	0	46.83	-	-	-	-	68.2	-21.37	0-360	250	H
2	* 8.472	25.55	PK	36.1	-23.4	0	38.25	-	-	74	-35.75	-	-	0-360	150	V
4	* 11.157	25.62	PK	38.2	-19.6	0	44.22	-	-	74	-29.78	-	-	0-360	150	V
6	17.405	23.93	PK	41.4	-18.7	0	46.63	-	-	-	-	68.2	-21.57	0-360	250	V

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

PK – Peak detector

Radiated Emissions

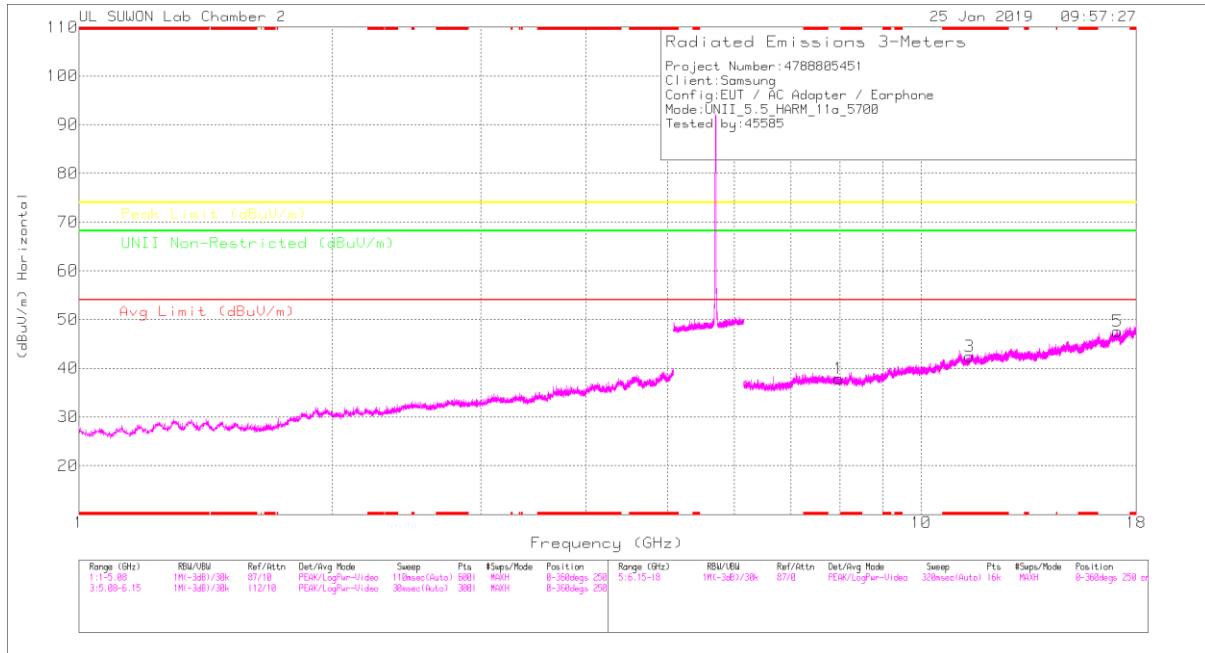
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.16	36.41	PK-U	38.2	-19.6	0	55.01	-	-	74	-18.99	-	-	157	173	H
* 11.16	24.01	ADR	38.2	-19.6	.1	42.71	54	-11.29	-	-	-	-	157	173	H
* 11.165	36.8	PK-U	38.2	-19.6	0	55.4	-	-	74	-18.6	-	-	262	170	V
* 11.16	24.97	ADR	38.2	-19.6	.1	43.67	54	-10.33	-	-	-	-	262	170	V

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

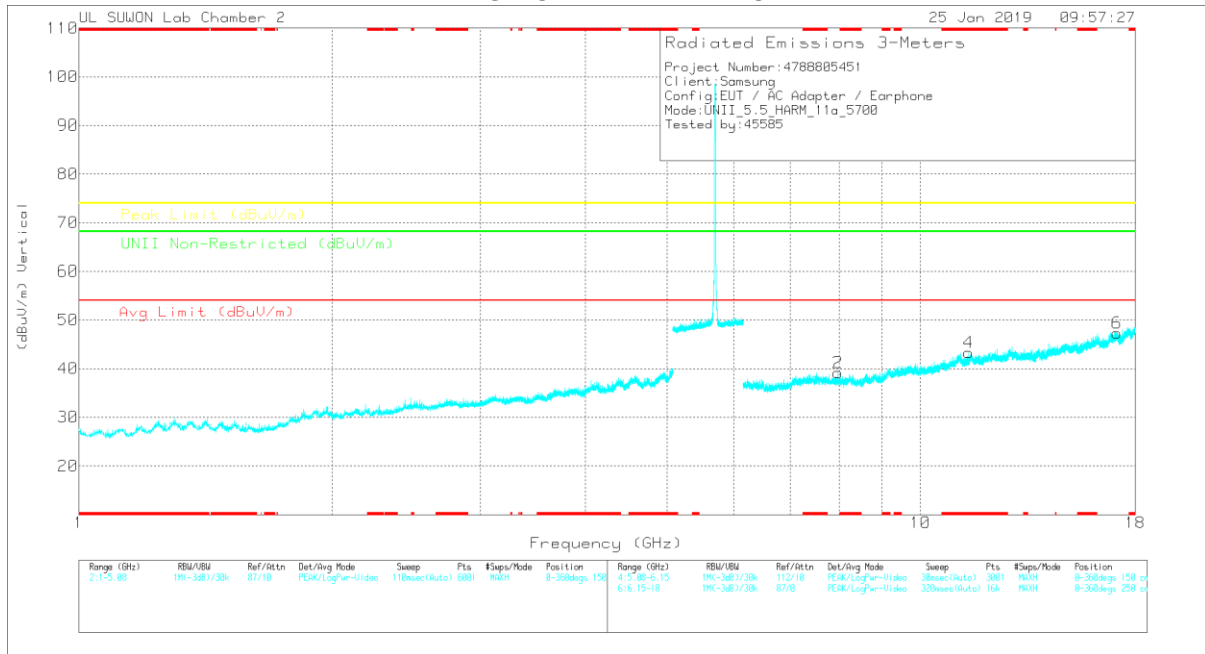
PK-U - U-NII: Maximum Peak

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_00168724	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	7.976	25.89	PK	35.9	-23.9	0	37.89	-	-	-	-	68.2	-30.31	0-360	150	H
3	*11.402	24.34	PK	38.3	-20.2	0	42.44	-	-	74	-31.56	-	-	0-360	250	H
5	17.105	24.96	PK	41.3	-18.7	0	47.56	-	-	-	-	68.2	-20.64	0-360	250	H
2	7.979	27.21	PK	35.9	-23.9	0	39.21	-	-	-	-	68.2	-28.99	0-360	250	V
4	*11.404	25.17	PK	38.3	-20.2	0	43.27	-	-	74	-30.73	-	-	0-360	250	V
6	17.108	24.68	PK	41.3	-18.7	0	47.28	-	-	-	-	68.2	-20.92	0-360	150	V

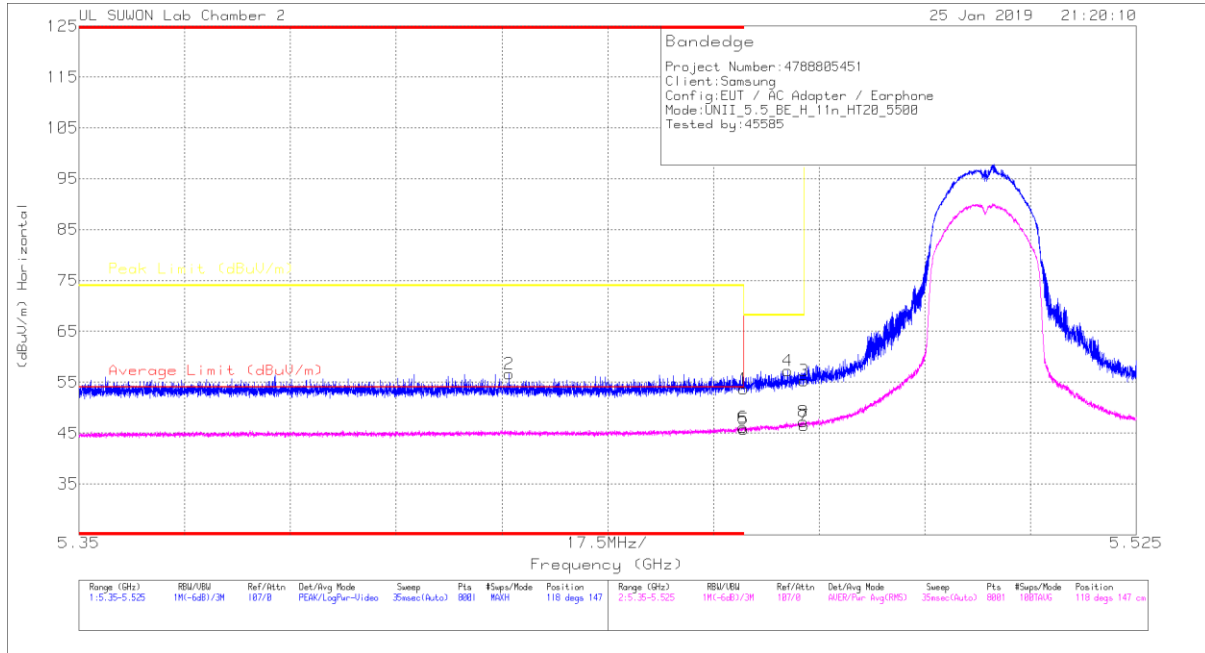
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

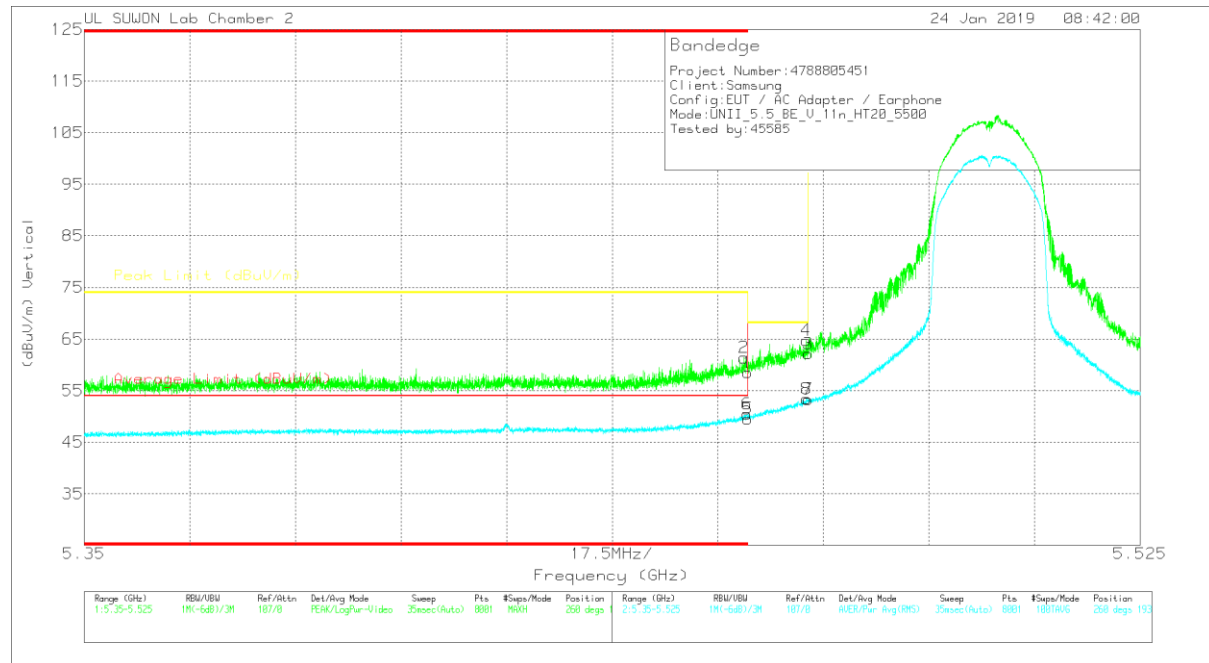
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	37.31	Pk	34.6	-18.2	0	53.71	-	-	74	-20.29	118	147	H
2	* 5.421	40.35	Pk	34.5	-18.2	0	56.65	-	-	74	-17.35	118	147	H
3	5.47	38.81	Pk	34.6	-18.1	0	55.31	-	-	68.2	-12.89	118	147	H
4	5.467	40.8	Pk	34.6	-18.2	0	57.2	-	-	68.2	-11	118	147	H
5	* 5.46	27.99	RMS	34.6	-16.9	.1	45.79	54	-8.21	-	-	118	147	H
6	* 5.46	28.36	RMS	34.6	-16.9	.1	46.16	54	-7.84	-	-	118	147	H
7	5.47	28.64	RMS	34.6	-16.9	.1	46.44	-	-	-	-	118	147	H
8	5.47	29.4	RMS	34.6	-16.9	.1	47.2	-	-	-	-	118	147	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	42.12	Pk	34.6	-18.2	0	58.52	-	-	74	-15.48	260	193	V
2	* 5.459	44.99	Pk	34.6	-18.2	0	61.39	-	-	74	-12.61	260	193	V
3	5.47	45.64	Pk	34.6	-18.1	0	62.14	-	-	68.2	-6.06	260	193	V
4	5.47	48.24	Pk	34.6	-18.1	0	64.74	-	-	68.2	-3.46	260	193	V
5	* 5.46	31.73	RMS	34.6	-16.9	.11	49.54	54	-4.46	-	-	260	193	V
6	* 5.46	32.64	RMS	34.6	-16.9	.11	50.45	54	-3.55	-	-	260	193	V
7	5.47	35.51	RMS	34.6	-16.9	.11	53.32	-	-	-	-	260	193	V
8	5.47	35.57	RMS	34.6	-16.9	.11	53.38	-	-	-	-	260	193	V

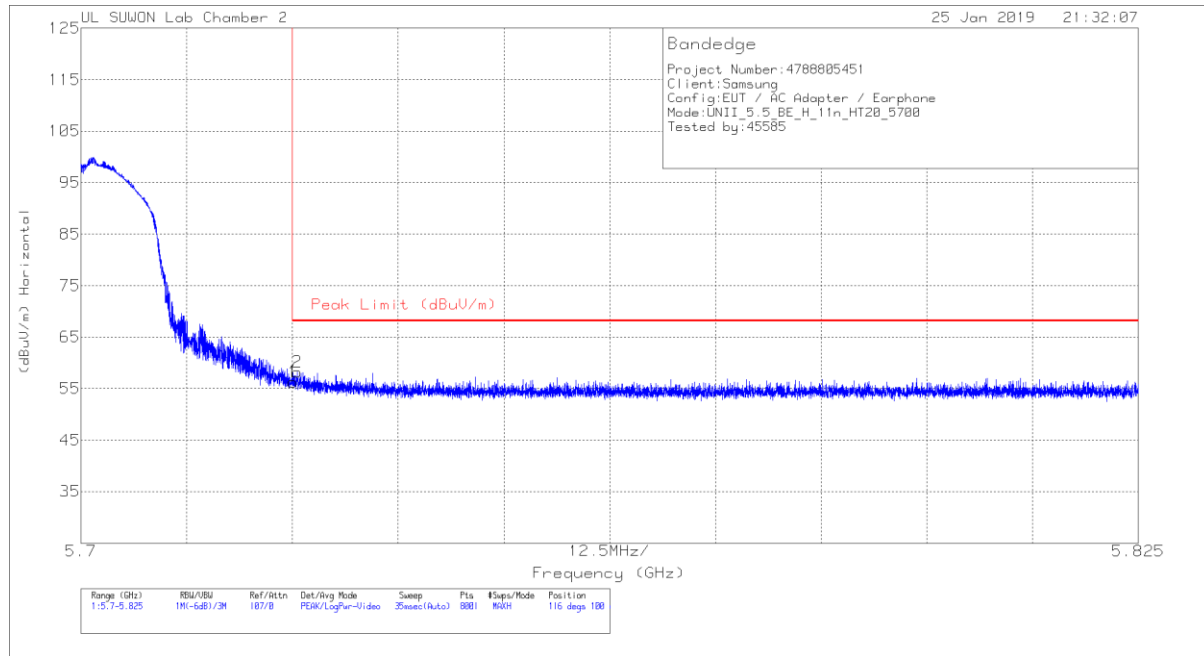
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



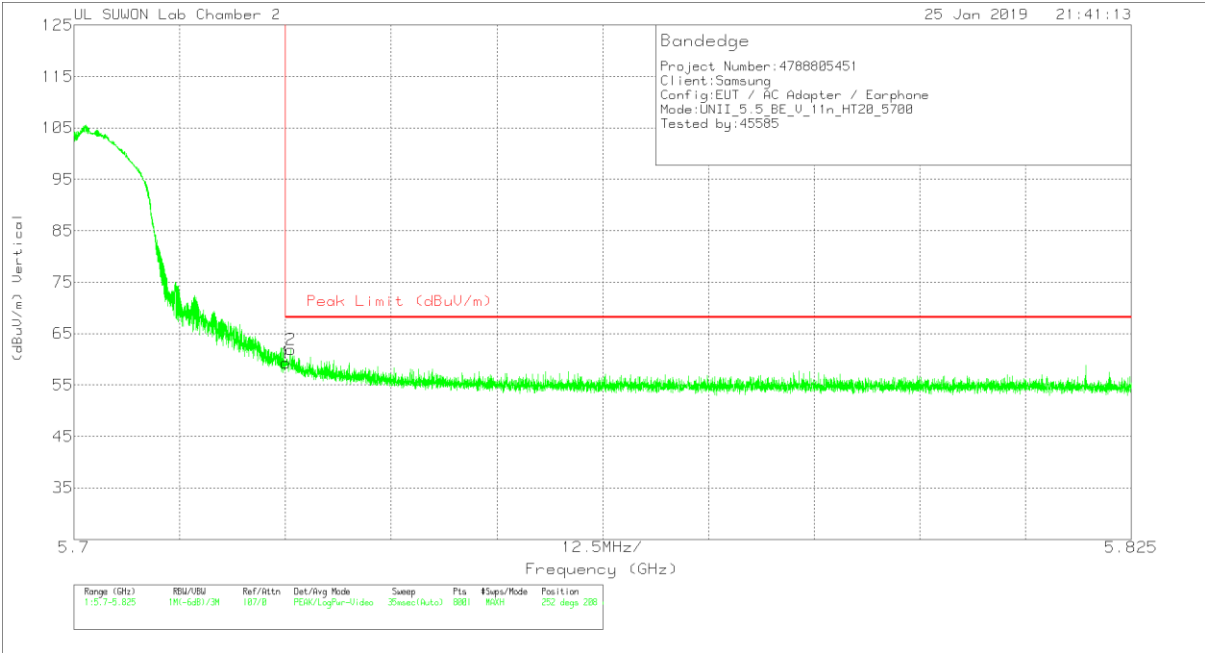
HORIZONTAL DATA

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	39.15	Pk	34.7	-17.6	0	56.25	68.2	-11.95	116	100	H
2	5.726	40.99	Pk	34.7	-17.5	0	58.19	68.2	-10.01	116	100	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

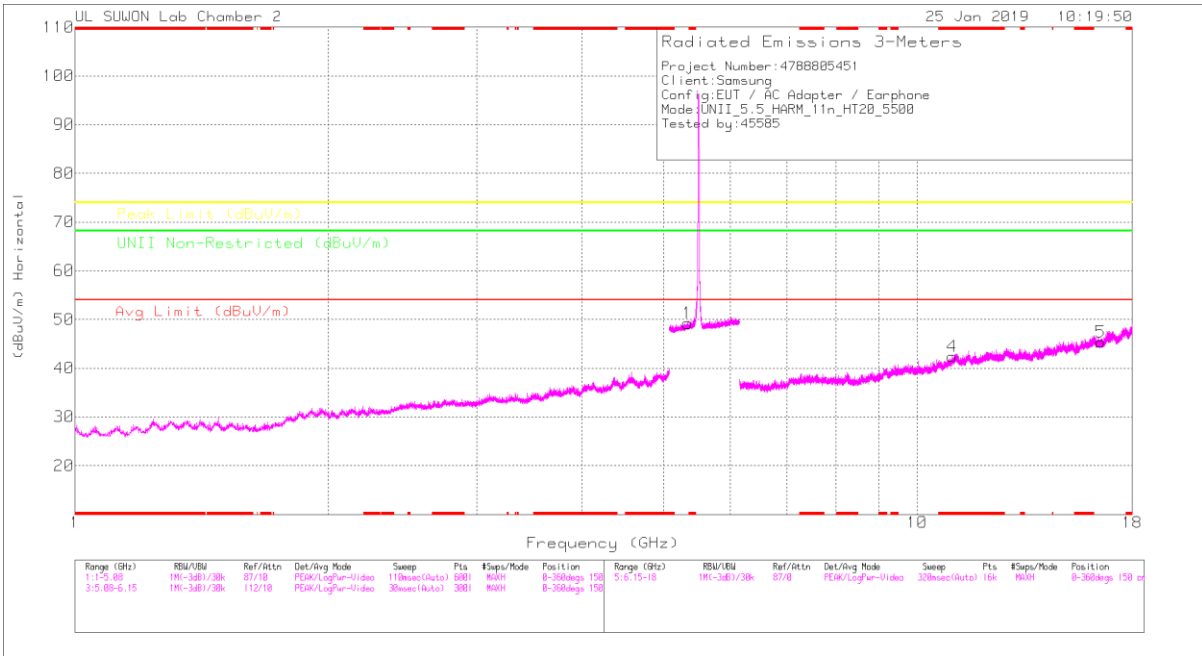
Trace Markers

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	42.18	Pk	34.7	-17.6	0	59.28	68.2	-8.92	252	208	V
2	5.726	44.7	Pk	34.7	-17.5	0	61.9	68.2	-6.3	252	208	V

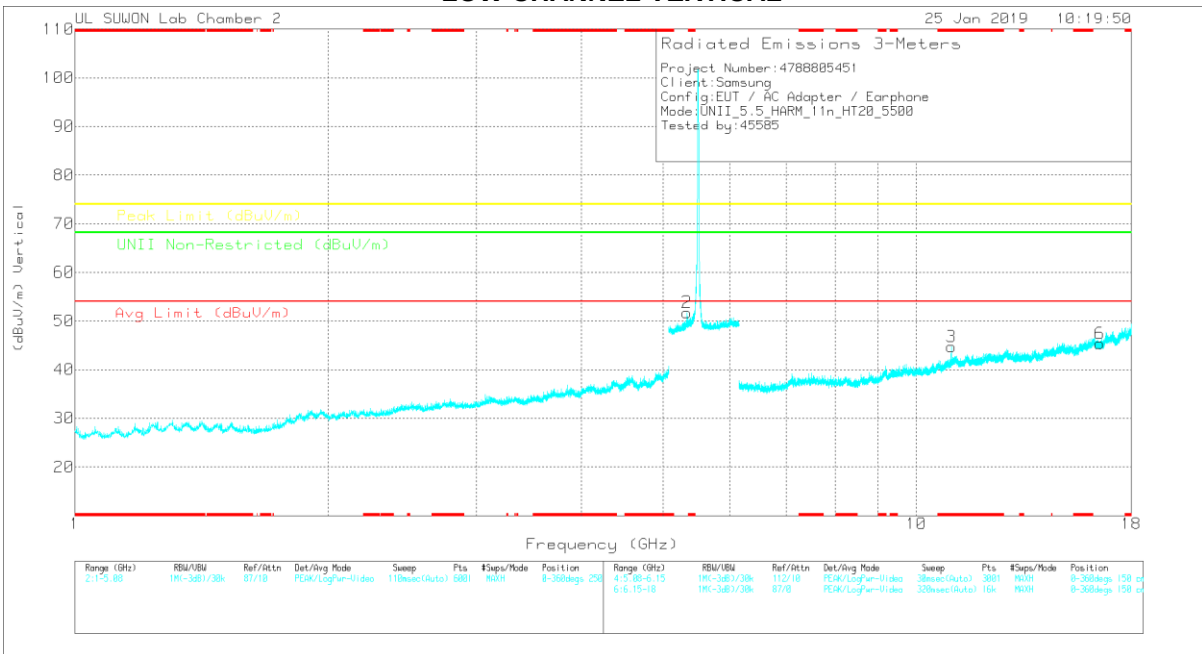
Pk - Peak detector

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	100dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	ULN Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.34	32.69	PK	34.5	-18	0	49.19	-	-	-	-	68.2	-19.01	0-360	250	H
2	5.34	35.27	PK	34.5	-18	0	51.77	-	-	-	-	68.2	-16.43	0-360	150	V
4	* 11.001	24.83	PK	38.1	-20.5	0	42.43	-	-	74	-31.57	-	-	0-360	150	H
5	16.5	24.8	PK	40.5	-19.9	0	45.4	-	-	-	-	68.2	-22.8	0-360	250	H
3	* 11.001	27.16	PK	38.1	-20.5	0	44.76	-	-	74	-29.24	-	-	0-360	250	V
6	16.5	24.63	PK	40.5	-19.8	0	45.33	-	-	-	-	68.2	-22.87	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

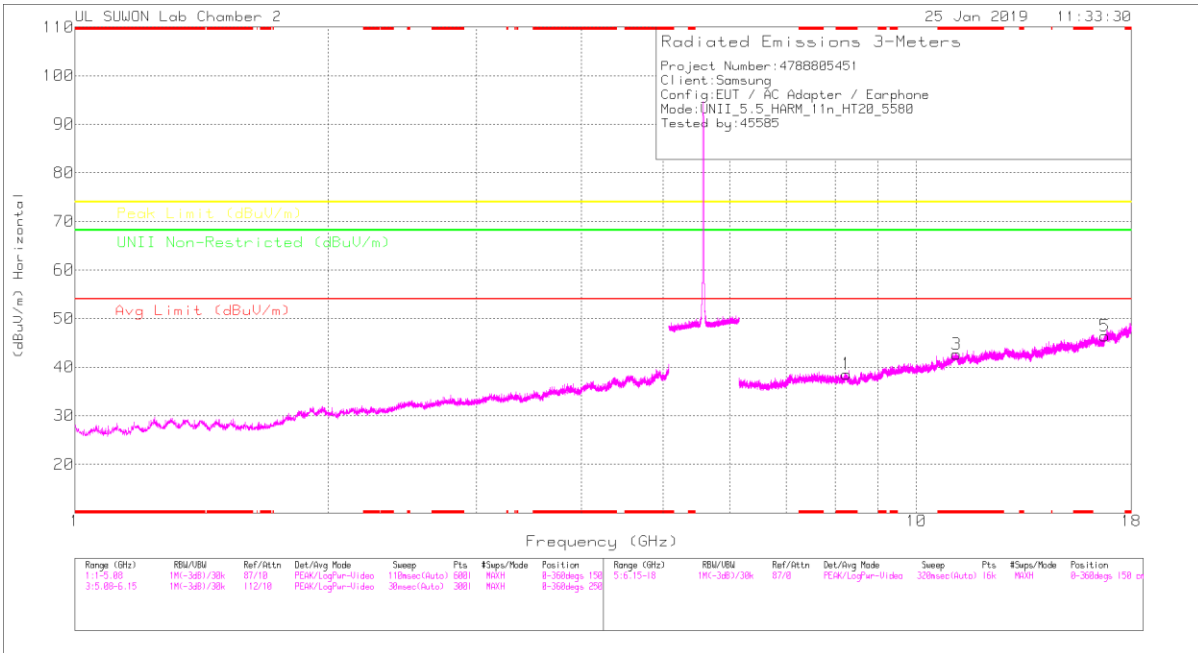
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	100dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	ULN Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5.341	42.91	PK-U	34.5	-18.1	0	59.31	-	-	-	-	68.2	-8.89	218	112	H
5.34	46.06	PK-U	34.5	-18	0	62.56	-	-	-	-	68.2	-5.64	253	183	V
* 11	26.08	ADR	38.1	-20.6	.11	43.69	54	-10.31	-	-	-	-	270	192	V
* 10.964	22.17	ADR	38.1	-20.5	.11	39.88	54	-14.12	-	-	-	-	97	207	H
* 11	38.4	PK-U	38.1	-20.6	0	55.9	-	-	74	-18.1	-	-	270	192	V
* 10.963	34.42	PK-U	38.1	-20.5	0	52.02	-	-	74	-21.98	-	-	97	207	H

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

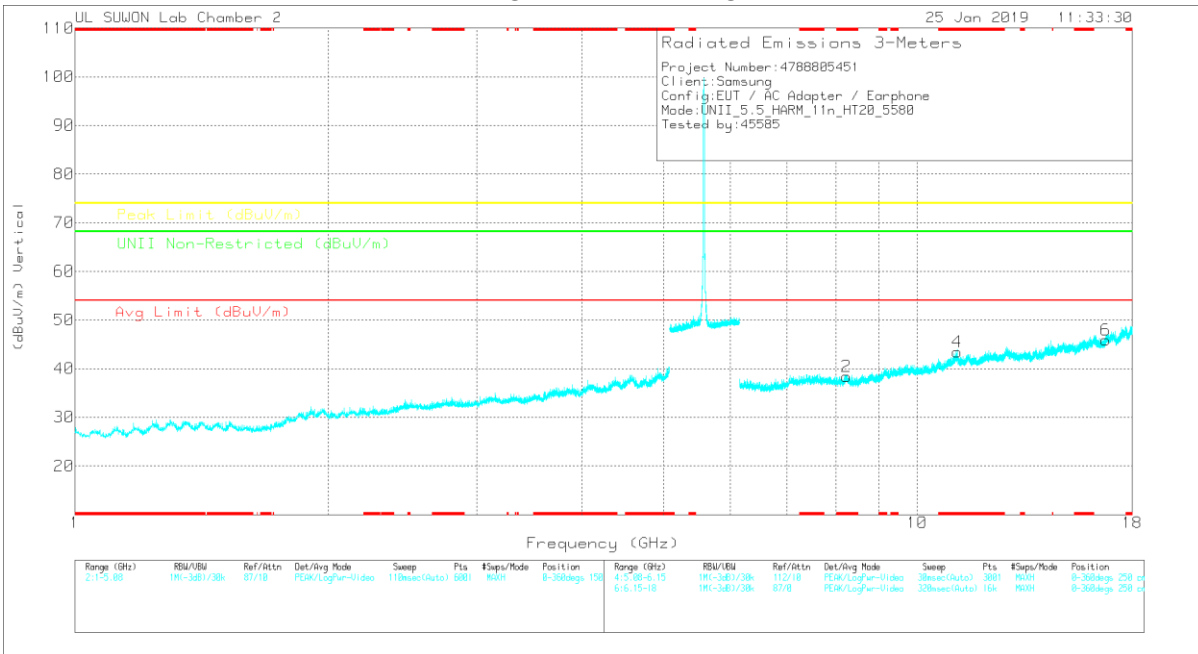
PK-U - U-NII: Maximum Peak

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	* 8.252	25.58	PK	36	-23	0	38.58	-	-	74	-35.42	-	-	0-360	150	H
3	* 11.16	24.05	PK	38.2	-19.6	0	42.65	-	-	74	-31.35	-	-	0-360	150	H
5	16.743	24.61	PK	40.9	-19.1	0	46.41	-	-	-	-	68.2	-21.79	0-360	150	H
2	* 8.247	25.44	PK	36	-23.1	0	38.34	-	-	74	-35.66	-	-	0-360	150	V
4	* 11.161	24.69	PK	38.2	-19.5	0	43.39	-	-	74	-30.61	-	-	0-360	250	V
6	16.744	24.12	PK	40.9	-19.1	0	45.92	-	-	-	-	68.2	-22.28	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
*11.157	35.22	PK-U	38.2	-19.6	0	53.82	-	-	74	-20.18	-	-	152	185	H
*11.16	23.17	ADR	38.2	-19.6	11	41.88	54	-12.12	-	-	-	-	152	185	H
*11.165	36.53	PK-U	38.2	-19.6	0	55.13	-	-	74	-18.87	-	-	263	178	V
*11.16	24.5	ADR	38.2	-19.6	11	43.21	54	-10.79	-	-	-	-	263	178	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