

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_0020959	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.861	26.93	PK	35.9	-22.4	0	40.43	-	-	-	-	68.2	-27.77	0-360	250	H
3	10.481	24.43	PK	37.7	-19.4	0	42.73	-	-	-	-	68.2	-25.47	0-360	250	H
5	* 15.72	25.47	PK	40.4	-19.2	0	46.67	-	-	74	-27.33	-	-	0-360	150	H
2	7.862	27.13	PK	35.9	-22.4	0	40.63	-	-	-	-	68.2	-27.57	0-360	149	V
4	10.48	24.75	PK	37.7	-19.3	0	43.15	-	-	-	-	68.2	-25.05	0-360	250	V
6	* 15.72	24.86	PK	40.4	-19.2	0	46.06	-	-	74	-27.94	-	-	0-360	250	V

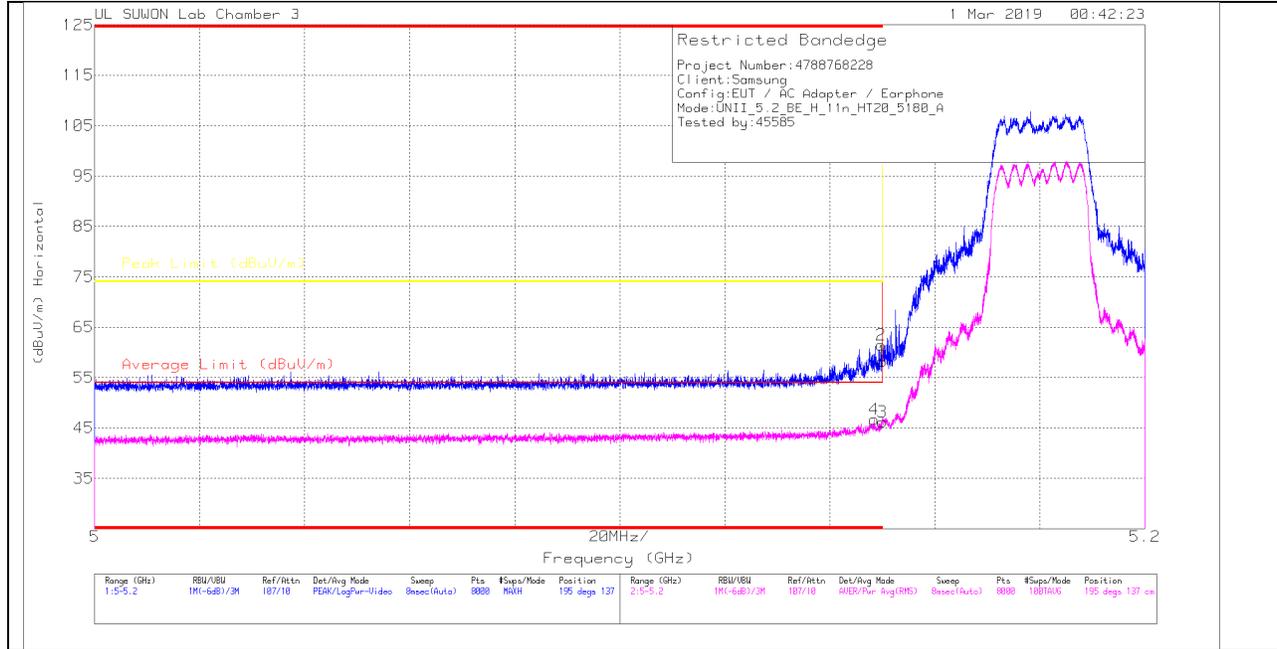
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.1.4. TX Above 1GHz 802.11n HT20 2Tx CDD MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

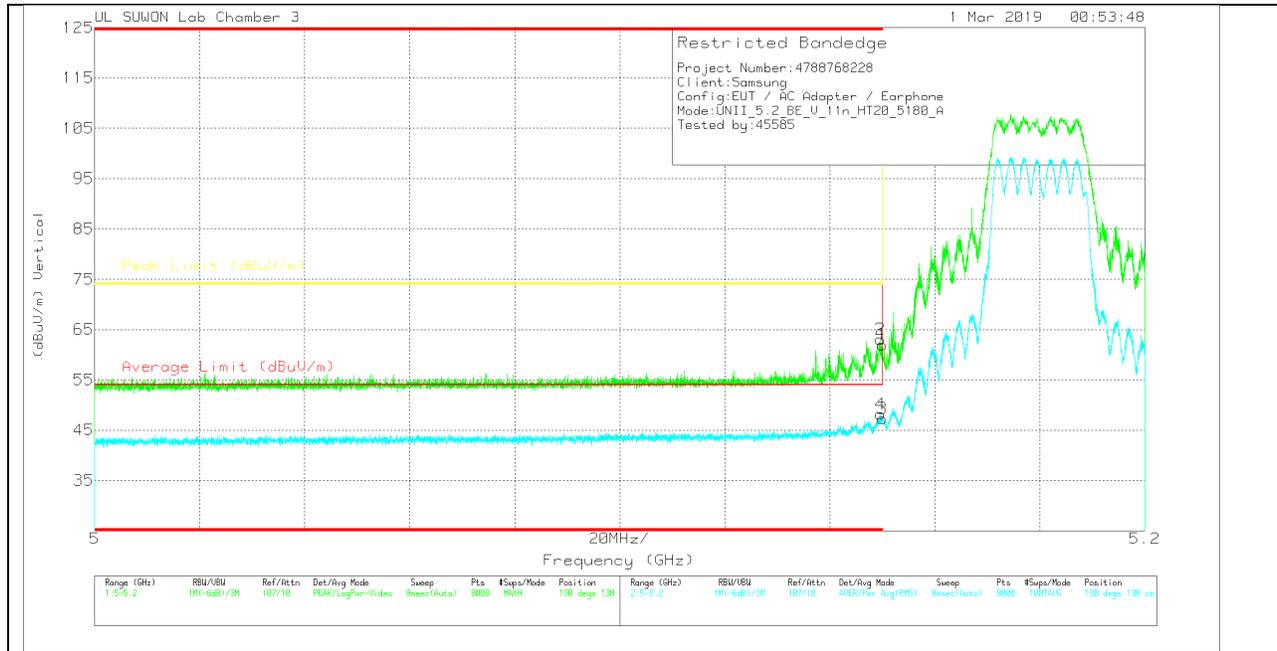
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	42.84	Pk	34.4	-19	0	58.24	-	-	74	-15.76	195	137	H
2	* 5.15	46.05	Pk	34.4	-19	0	61.45	-	-	74	-12.55	195	137	H
3	* 5.15	31.14	RMS	34.4	-19.4	.09	46.23	54	-7.77	-	-	195	137	H
4	* 5.148	31.57	RMS	34.4	-19.4	.09	46.66	54	-7.34	-	-	195	137	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	* 5.15	46.6	Pk	34.4	-19	0	62	-	-	74	-12	190	138	V
2	* 5.15	47.73	Pk	34.4	-19	0	63.13	-	-	74	-10.87	190	138	V
3	* 5.15	32.21	RMS	34.4	-19.4	.09	47.3	54	-6.7	-	-	190	138	V
4	* 5.15	33.1	RMS	34.4	-19.4	.09	48.19	54	-5.81	-	-	190	138	V

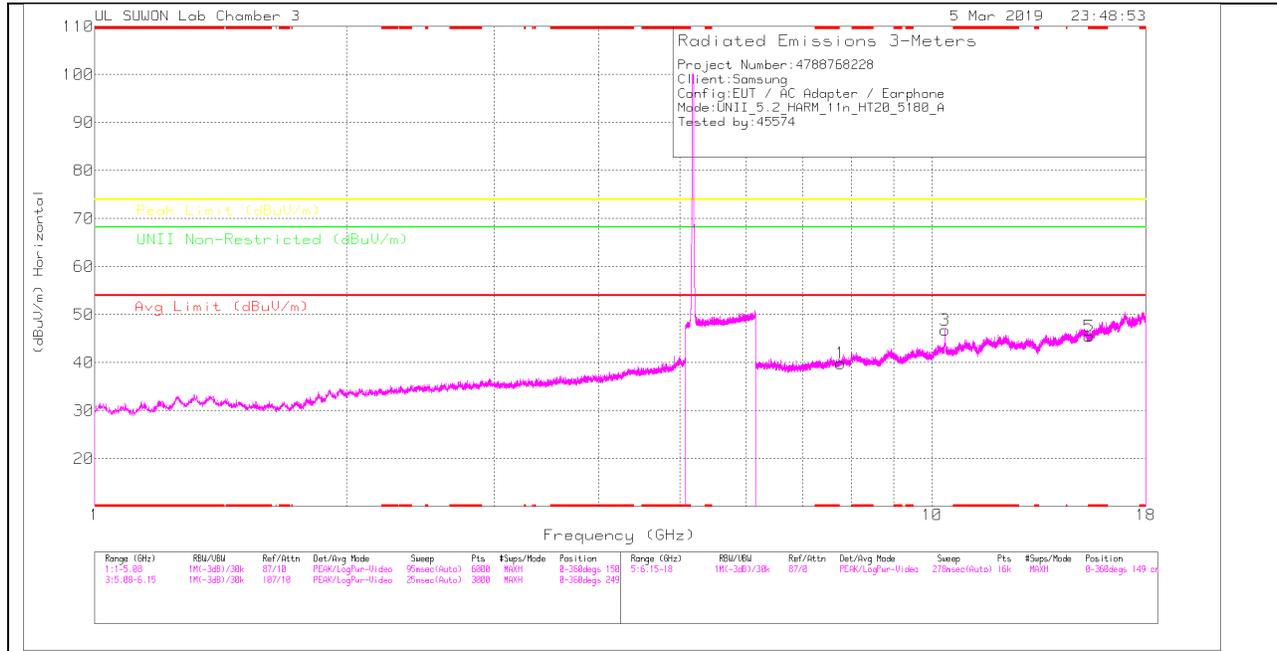
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

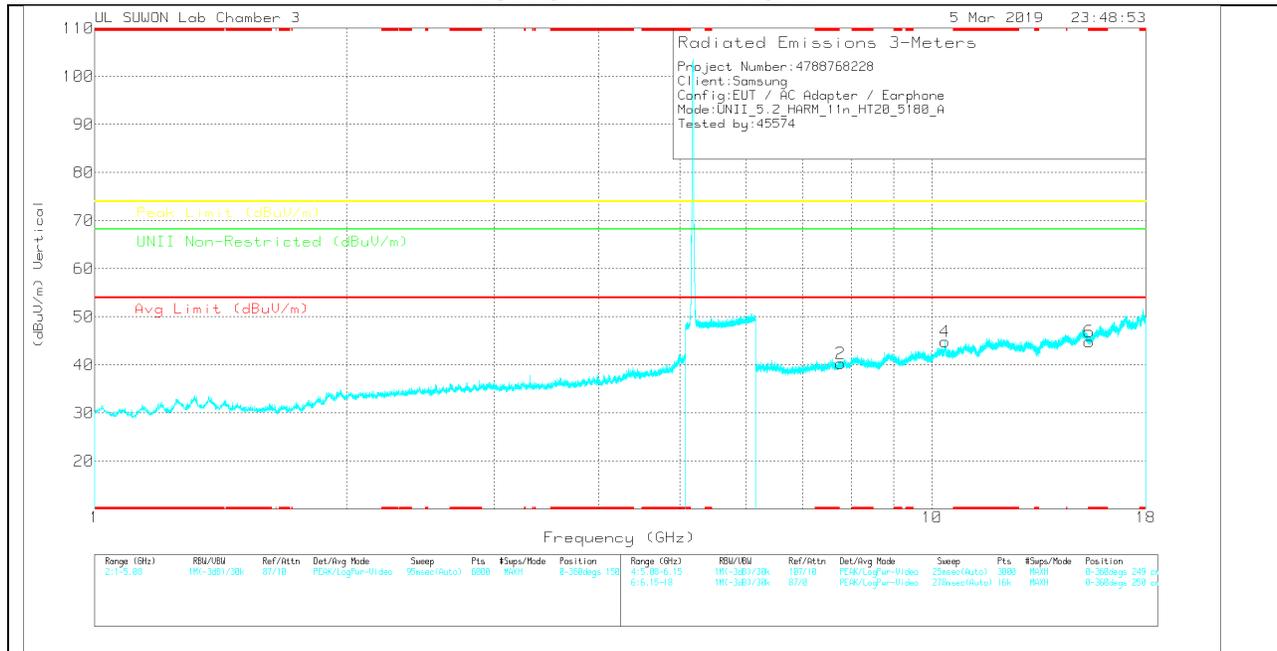
RMS - RMS detection

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_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.771	26.96	PK	35.9	-23	0	39.86	-	-	-	-	68.2	-28.34	0-360	149	H
3	10.361	28.43	PK	37.6	-19.2	0	46.83	-	-	-	-	68.2	-21.37	0-360	250	H
5	* 15.402	24.96	PK	40.1	-19.6	0	45.46	-	-	74	-28.54	-	-	0-360	250	H
2	7.775	27.41	PK	35.9	-23	0	40.31	-	-	-	-	68.2	-27.89	0-360	150	V
4	10.36	26.47	PK	37.6	-19.2	0	44.87	-	-	-	-	68.2	-23.33	0-360	250	V
6	* 15.402	24.32	PK	40.1	-19.6	0	44.82	-	-	74	-29.18	-	-	0-360	150	V

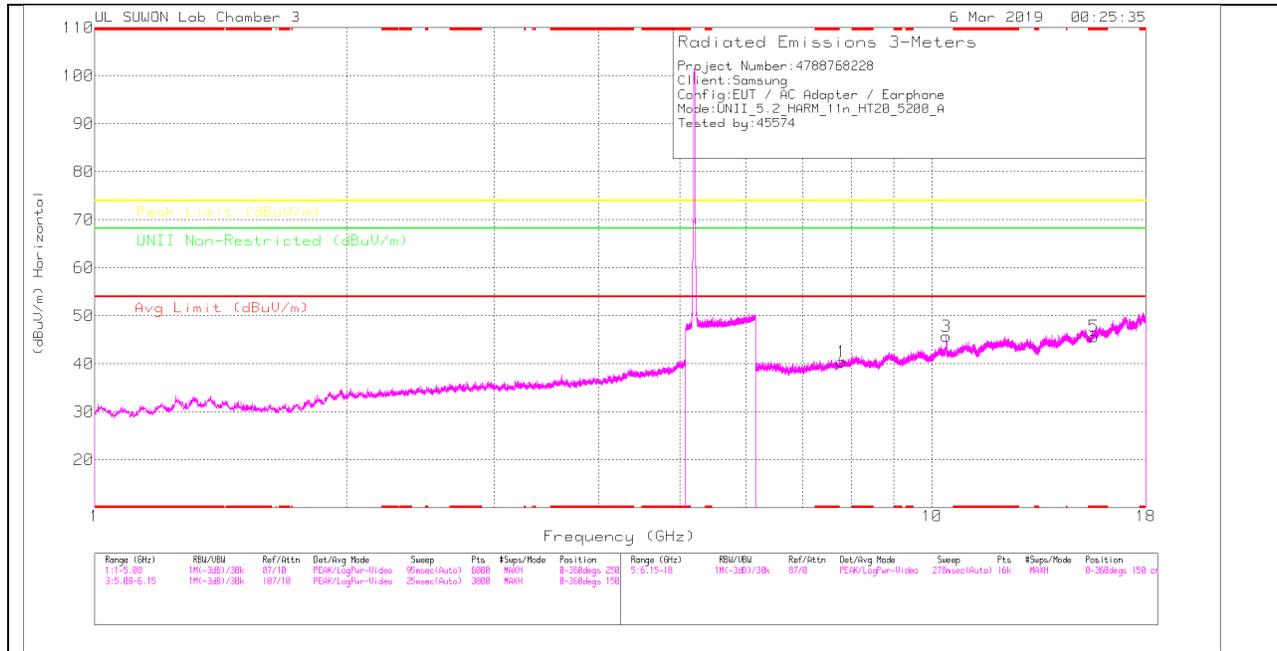
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

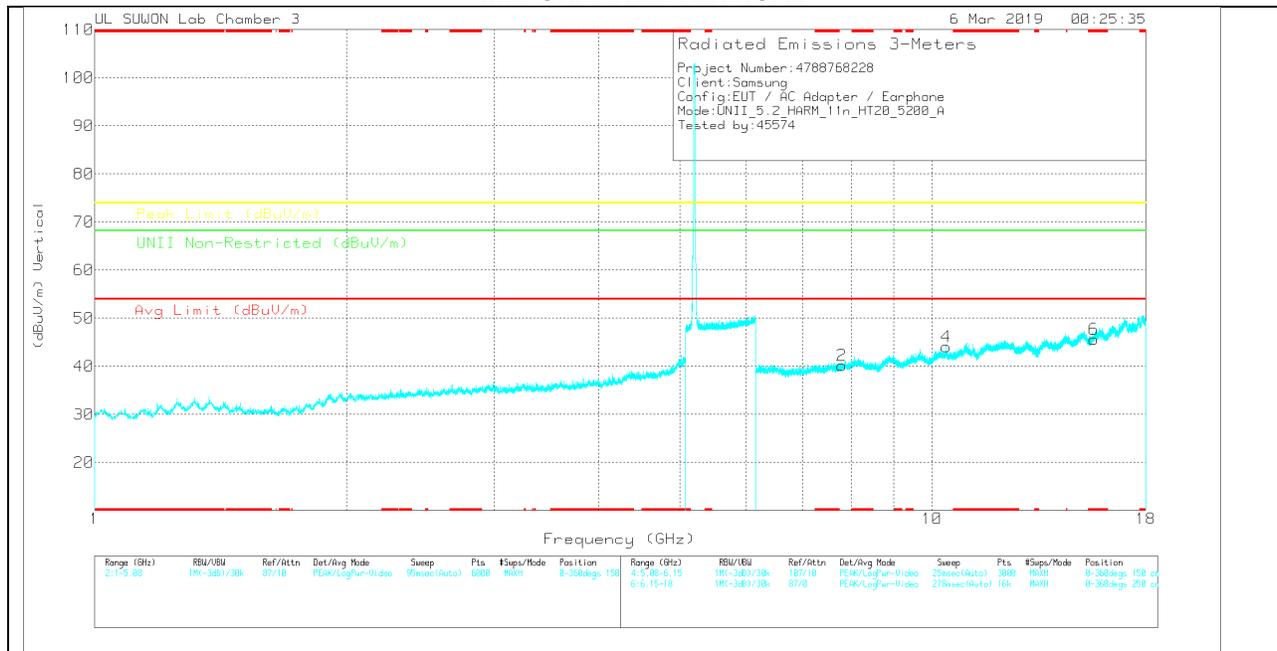
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.354	39.08	PK-U	37.6	-19.3	0	57.38	-	-	-	-	68.2	-10.82	183	244	H
10.364	35.07	PK-U	37.6	-19.2	0	53.47	-	-	-	-	68.2	-14.73	104	128	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

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_00209599	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)	Asimuth (Degs)	Height (cm)	Polarity
1	7.802	27.33	PK	35.9	-22.8	0	40.43	-	-	-	-	68.2	-27.77	0-360	250	H
3	10.398	27.33	PK	37.6	-19.2	0	45.73	-	-	-	-	68.2	-22.47	0-360	250	H
5	* 15.6	25	PK	40.2	-19.5	0	45.7	-	-	74	-28.3	-	-	0-360	150	H
2	7.799	27.14	PK	35.9	-22.9	0	40.14	-	-	-	-	68.2	-28.06	0-360	150	V
4	10.4	25.81	PK	37.6	-19.3	0	44.11	-	-	-	-	68.2	-24.09	0-360	250	V
6	* 15.6	24.99	PK	40.2	-19.5	0	45.69	-	-	74	-28.31	-	-	0-360	150	V

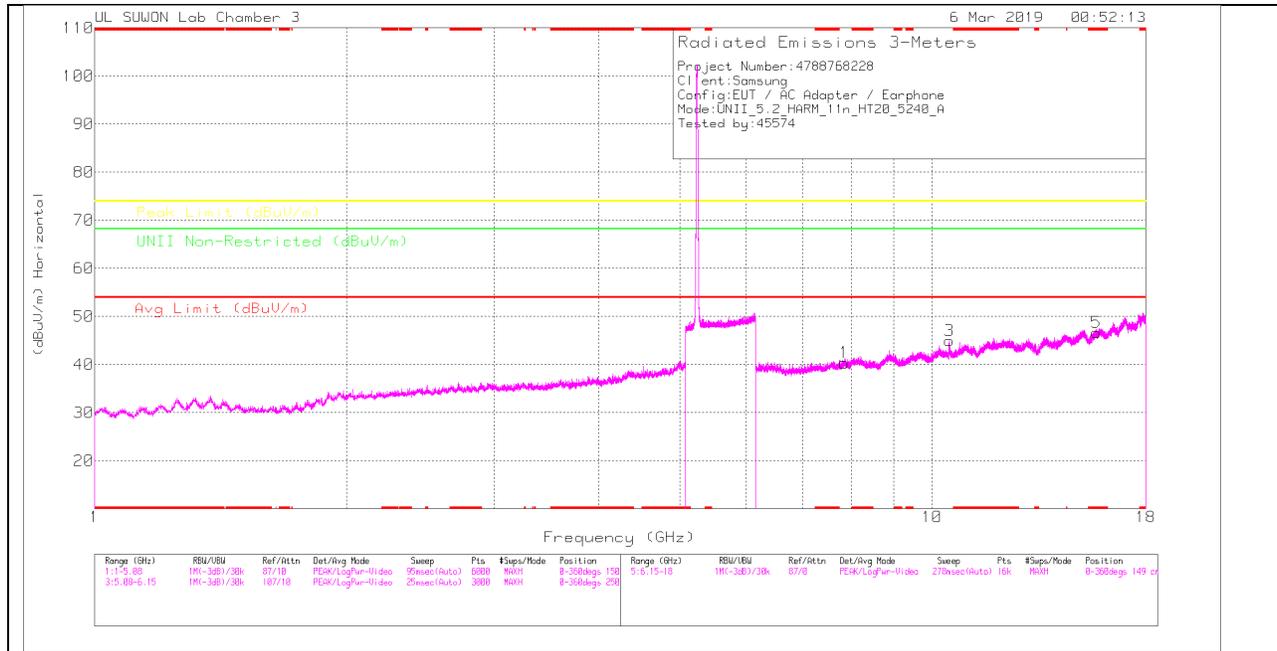
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

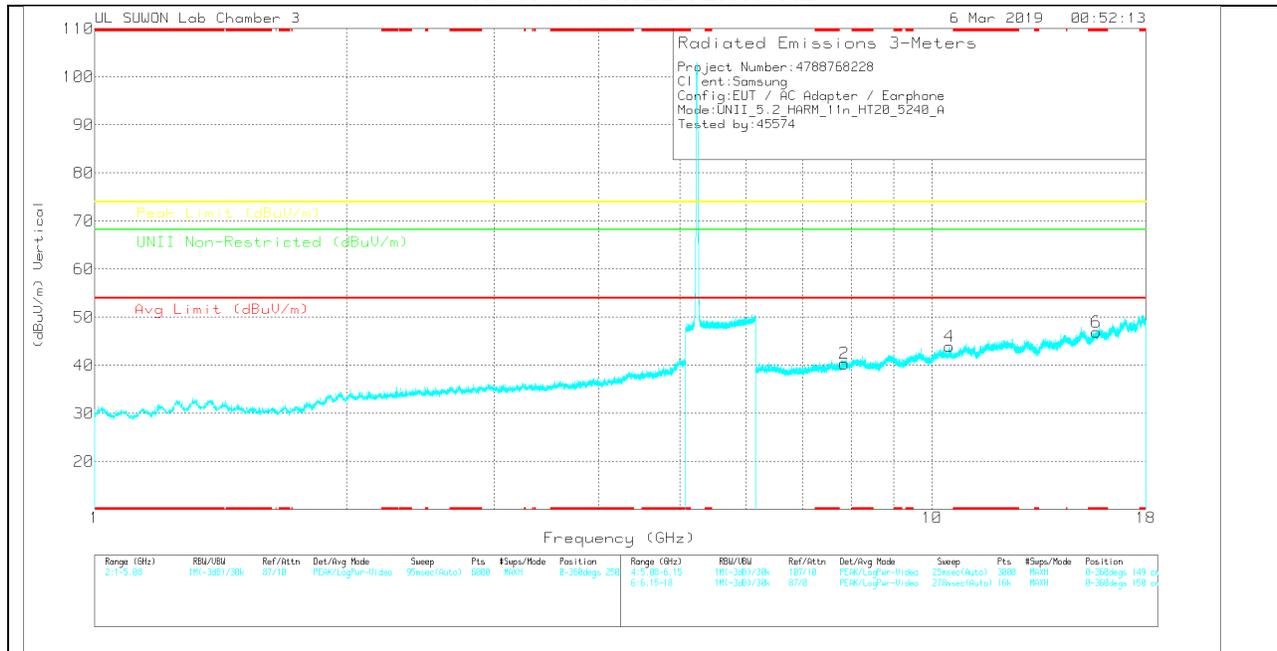
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
10.404	35.87	PK-U	37.6	-19.3	0	54.17	-	-	-	-	68.2	-14.03	182	244	H
10.4	33.29	PK-U	37.6	-19.3	0	51.59	-	-	-	-	68.2	-16.61	104	128	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	EGHz_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)	Azimuth (Degs)	Height (cm)	Polarity
1	7.861	26.88	PK	35.9	-22.4	0	40.38	-	-	-	-	68.2	-27.82	0-360	250	H
3	10.484	26.54	PK	37.7	-19.3	0	44.94	-	-	-	-	68.2	-23.26	0-360	250	H
5	* 15.721	25.43	PK	40.4	-19.2	0	46.63	-	-	74	-27.37	-	-	0-360	149	H
2	7.861	26.88	PK	35.9	-22.4	0	40.38	-	-	-	-	68.2	-27.82	0-360	250	V
4	10.479	25.54	PK	37.7	-19.3	0	43.94	-	-	-	-	68.2	-24.26	0-360	250	V
6	* 15.722	25.65	PK	40.4	-19.1	0	46.95	-	-	74	-27.05	-	-	0-360	150	V

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

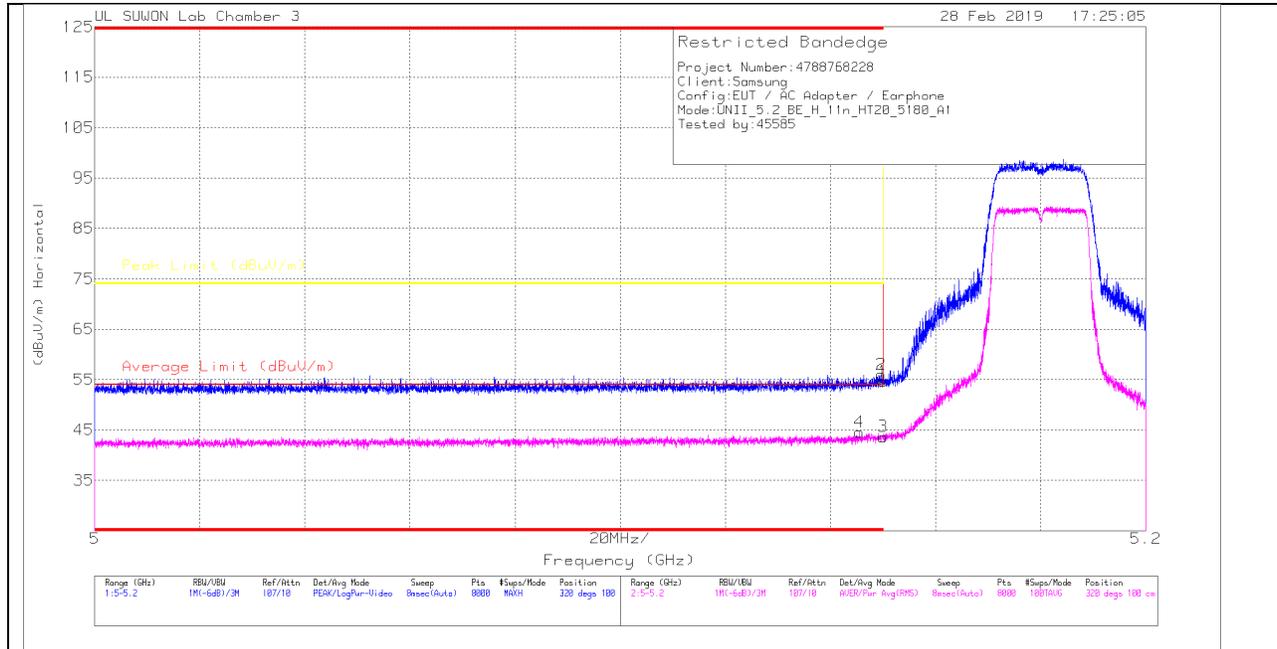
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	EGHz_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)	Azimuth (Degs)	Height (cm)	Polarity
10.489	33.81	PK-U	37.7	-19.2	0	52.31	-	-	-	-	68.2	-15.89	183	244	H
10.488	32.32	PK-U	37.7	-19.2	0	50.82	-	-	-	-	68.2	-17.38	104	128	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

11.1.5.TX Above 1GHz 802.11n HT20 1Tx ANT1 IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

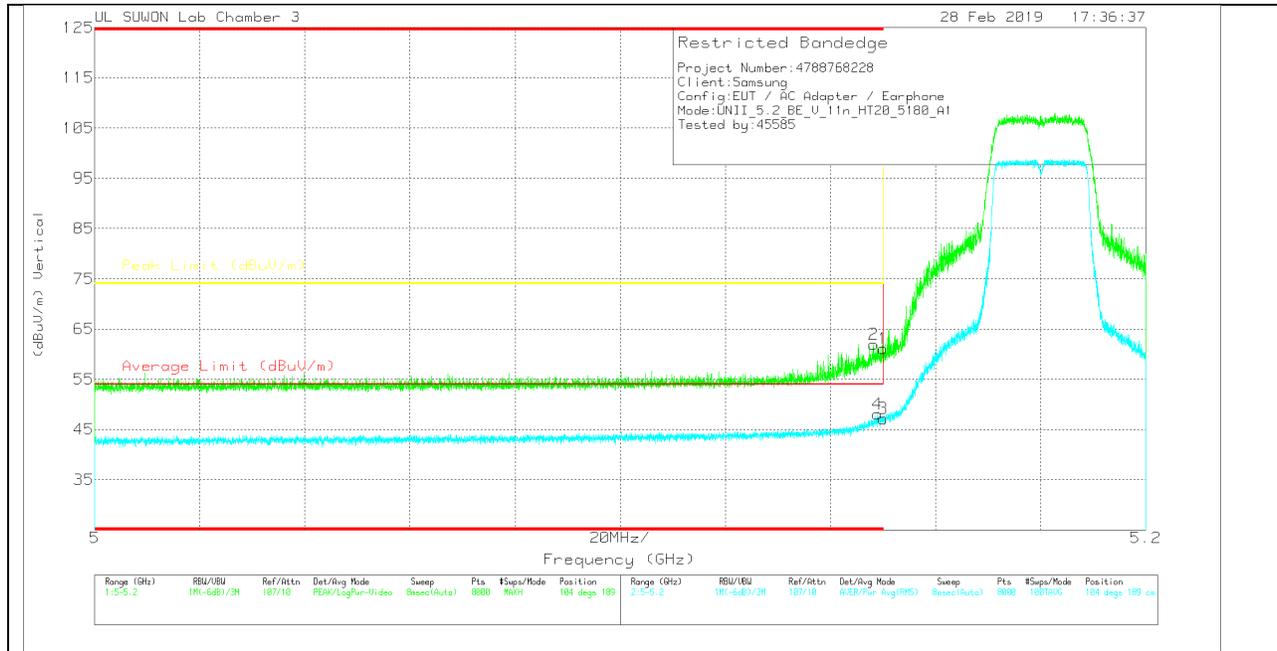
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.15	39.28	Pk	34.4	-19	0	54.68	-	-	74	-19.32	320	100	H
2	* 5.15	40.6	Pk	34.4	-19	0	56	-	-	74	-18	320	100	H
3	* 5.15	28.56	RMS	34.4	-19.4	.09	43.65	54	-10.35	-	-	320	100	H
4	* 5.145	29.47	RMS	34.4	-19.4	.09	44.56	54	-9.44	-	-	320	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_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	* 5.15	45.71	PK	34.4	-19	0	61.11	-	-	74	-12.89	104	189	V
2	* 5.148	46.64	PK	34.4	-19.1	0	61.94	-	-	74	-12.06	104	189	V
3	* 5.15	32.04	RMS	34.4	-19.4	.09	47.13	54	-6.87	-	-	104	189	V
4	* 5.149	32.94	RMS	34.4	-19.4	.09	48.03	54	-5.97	-	-	104	189	V

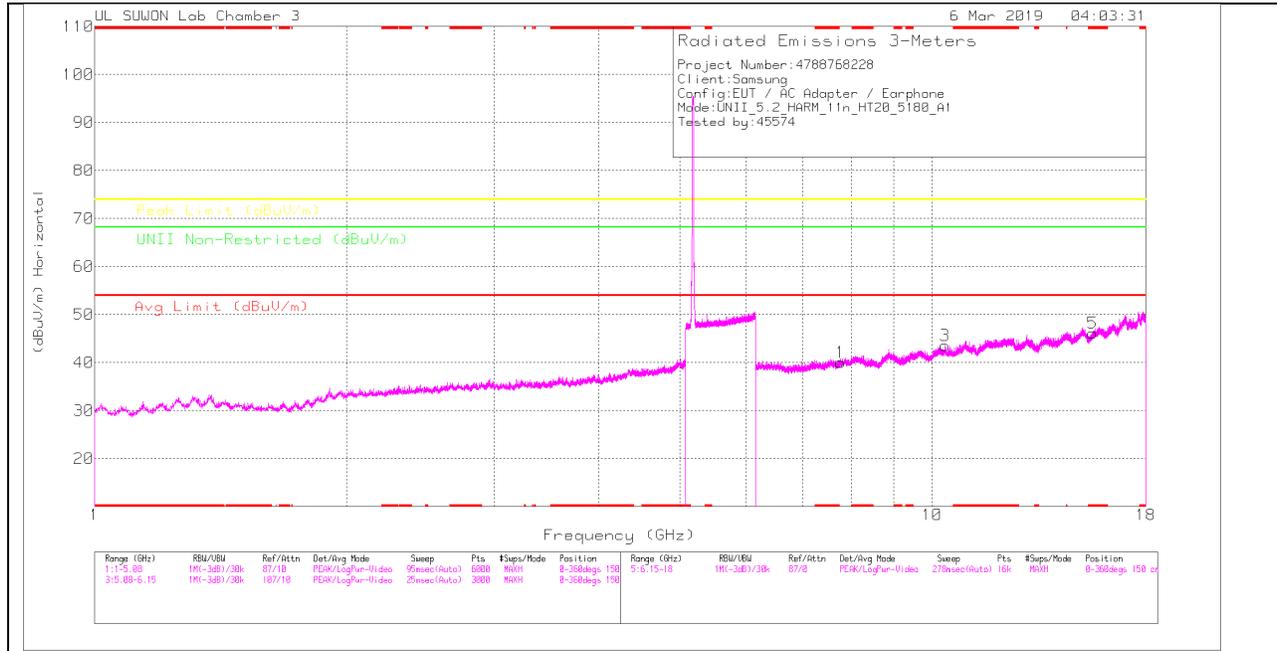
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK - Peak detector

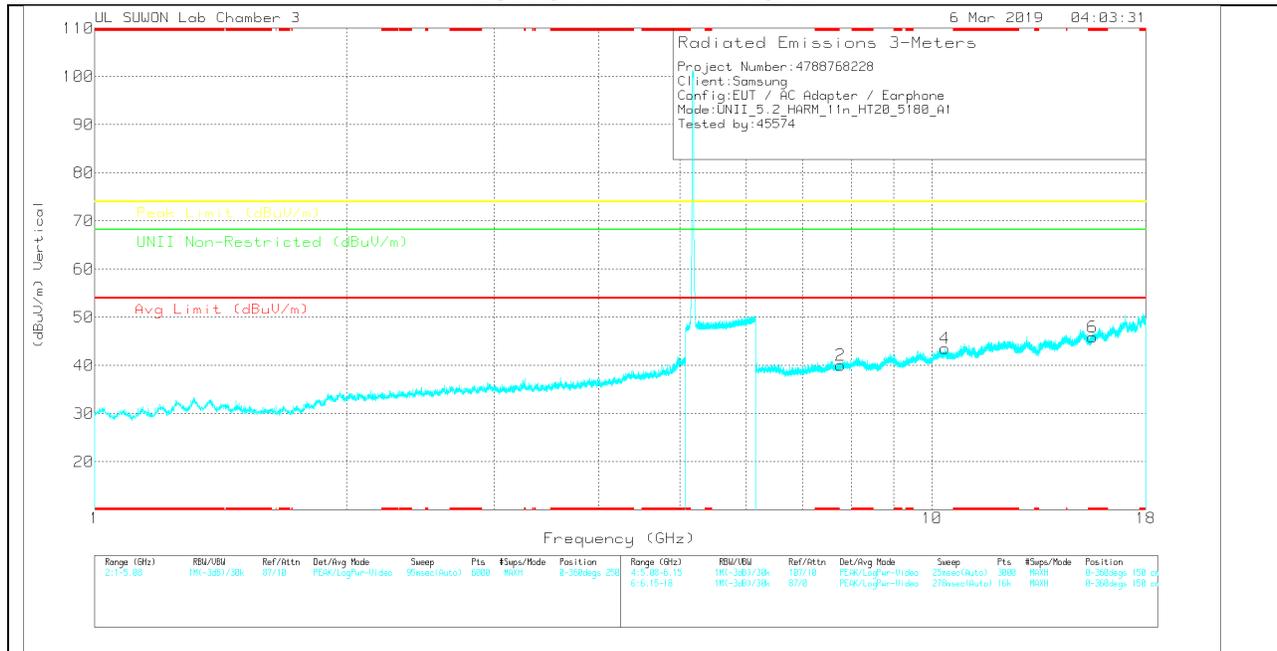
RMS - RMS detection

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

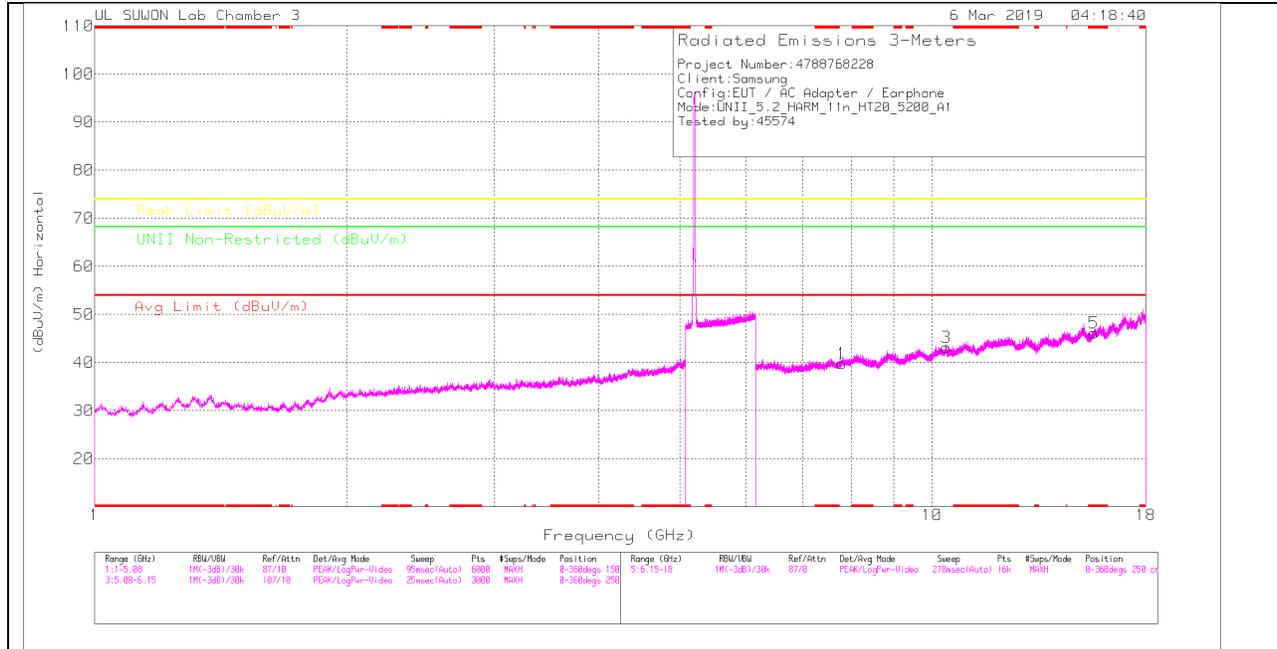
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_0020959	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.77	27.11	PK	35.9	-23	0	40.01	-	-	-	-	68.2	-28.19	0-360	150	H
3	10.364	25.21	PK	37.6	-19.2	0	43.61	-	-	-	-	68.2	-24.59	0-360	250	H
5	* 15.54	25.5	PK	40.2	-19.6	0	46.1	-	-	74	-27.9	-	-	0-360	250	H
2	7.772	27.18	PK	35.9	-23	0	40.08	-	-	-	-	68.2	-28.12	0-360	250	V
4	10.367	25.01	PK	37.6	-19.1	0	43.51	-	-	-	-	68.2	-24.69	0-360	250	V
6	* 15.539	25.31	PK	40.2	-19.6	0	45.91	-	-	74	-28.09	-	-	0-360	250	V

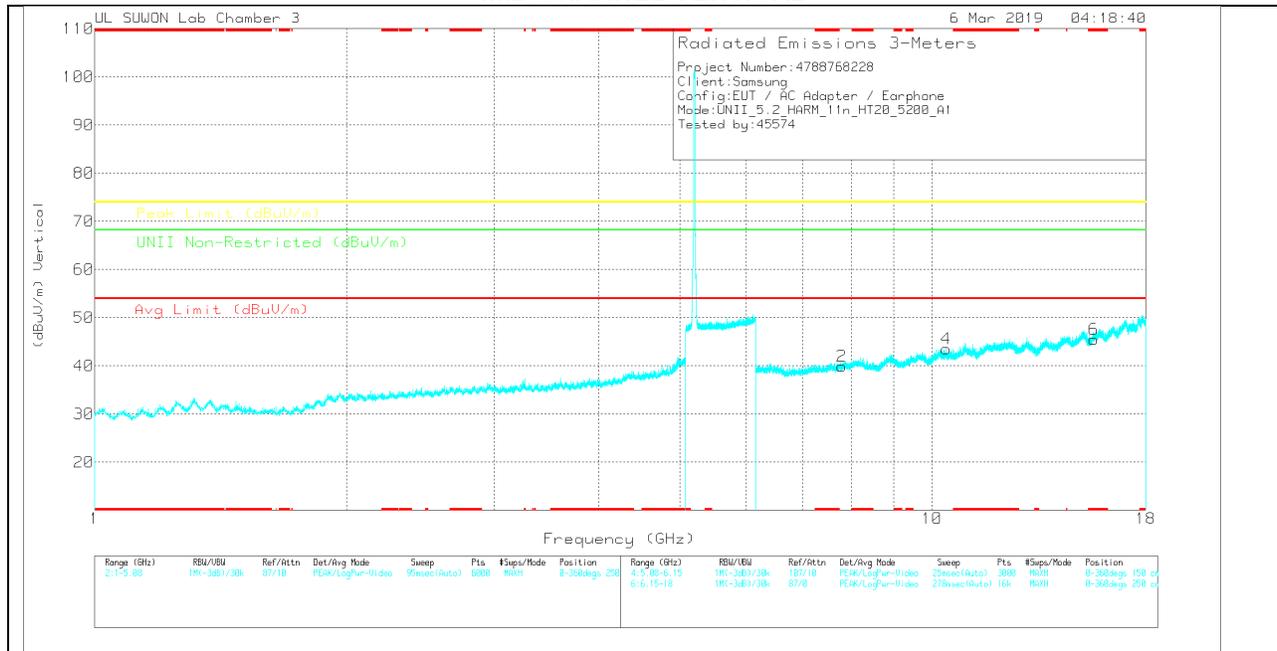
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

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

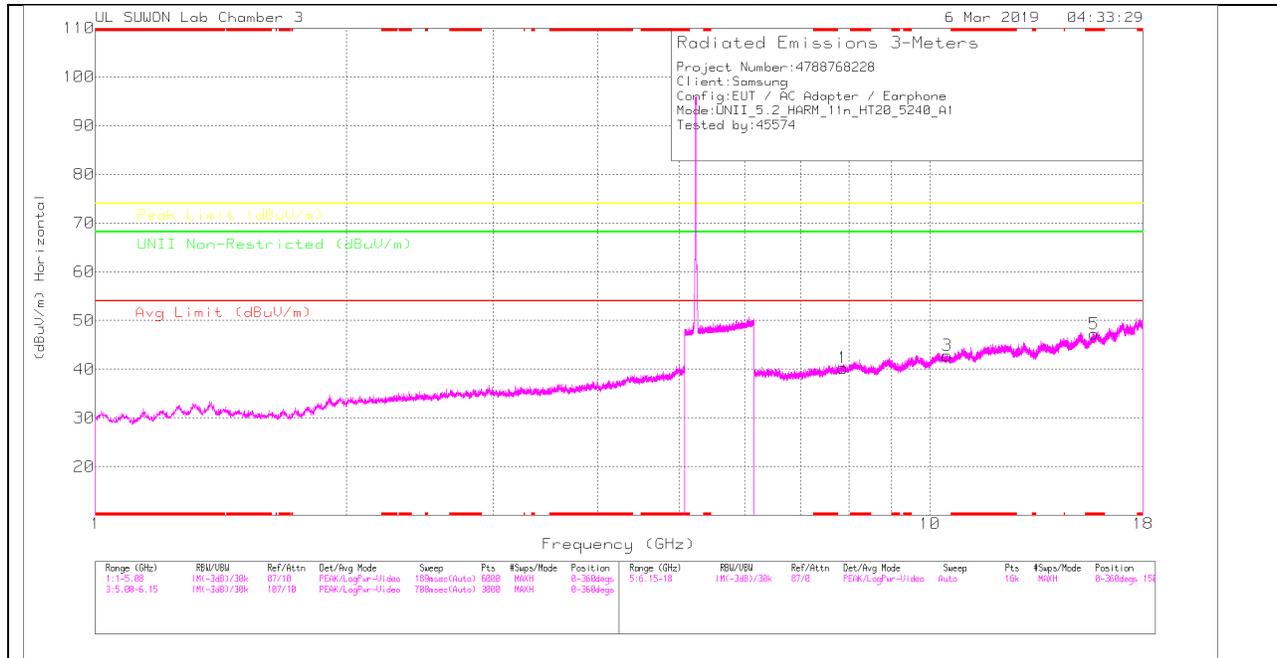
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF[dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	7.801	26.75	PK	35.9	-22.8	0	39.85	-	-	-	-	68.2	-28.35	0-360	150	H
3	10.4	24.92	PK	37.6	-19.3	0	43.22	-	-	-	-	68.2	-24.98	0-360	250	H
5	* 15.601	25.47	PK	40.2	-19.5	0	46.17	-	-	74	-27.83	-	-	0-360	150	H
2	7.801	26.83	PK	35.9	-22.8	0	39.93	-	-	-	-	68.2	-28.27	0-360	150	V
4	10.401	25.23	PK	37.6	-19.3	0	43.53	-	-	-	-	68.2	-24.67	0-360	150	V
6	* 15.601	24.81	PK	40.2	-19.5	0	45.51	-	-	74	-28.49	-	-	0-360	150	V

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

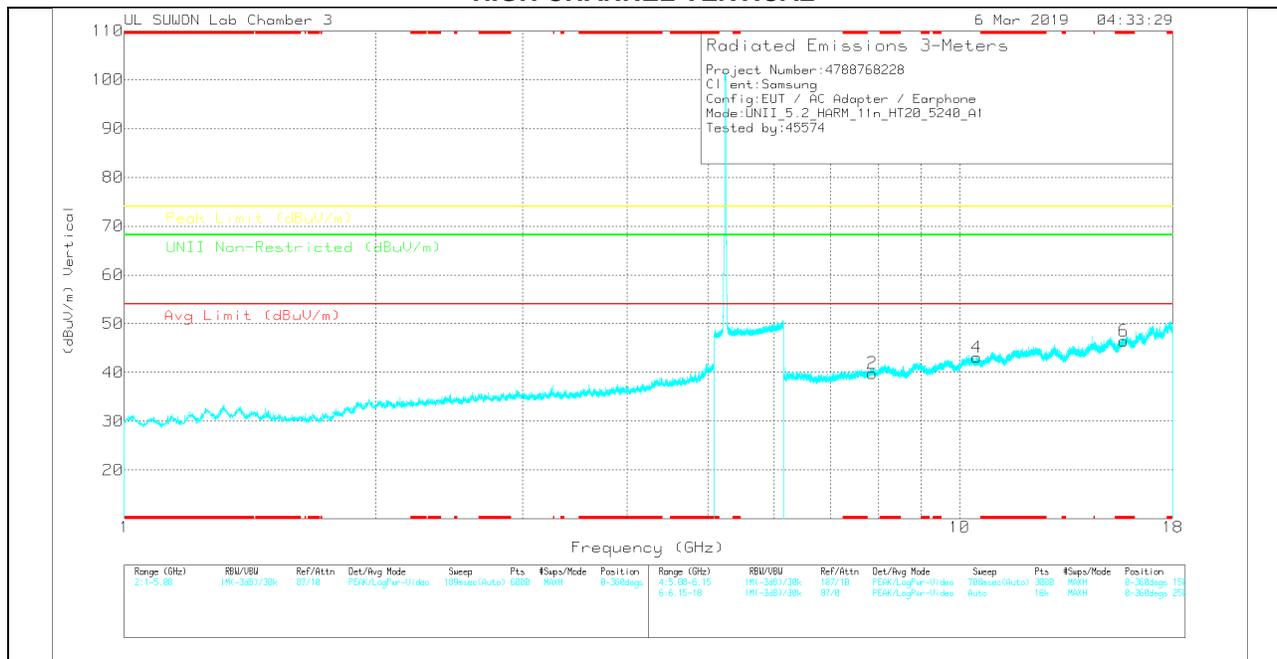
PK – Peak Detector

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

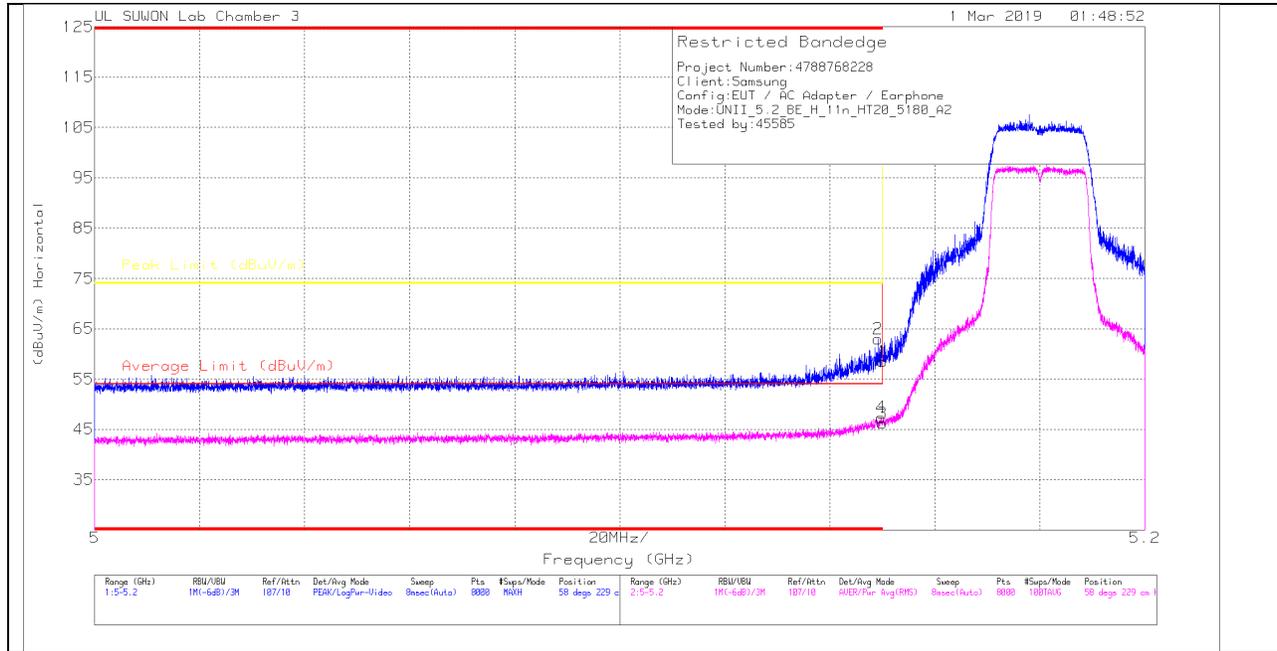
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.861	26.75	PK	35.9	-22.4	0	40.25	-	-	-	-	68.2	-27.95	0-360	150	H
3	10.481	24.42	PK	37.7	-19.3	0	42.82	-	-	-	-	68.2	-25.38	0-360	250	H
5	* 15.719	26.03	PK	40.4	-19.2	0	47.23	-	-	74	-26.77	-	-	0-360	150	H
2	7.861	26.34	PK	35.9	-22.4	0	39.84	-	-	-	-	68.2	-28.36	0-360	250	V
4	10.48	24.75	PK	37.7	-19.3	0	43.15	-	-	-	-	68.2	-25.05	0-360	150	V
6	* 15.722	25.19	PK	40.4	-19.1	0	46.49	-	-	74	-27.51	-	-	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).

11.1.6.TX Above 1GHz 802.11n HT20 1Tx ANT2 IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

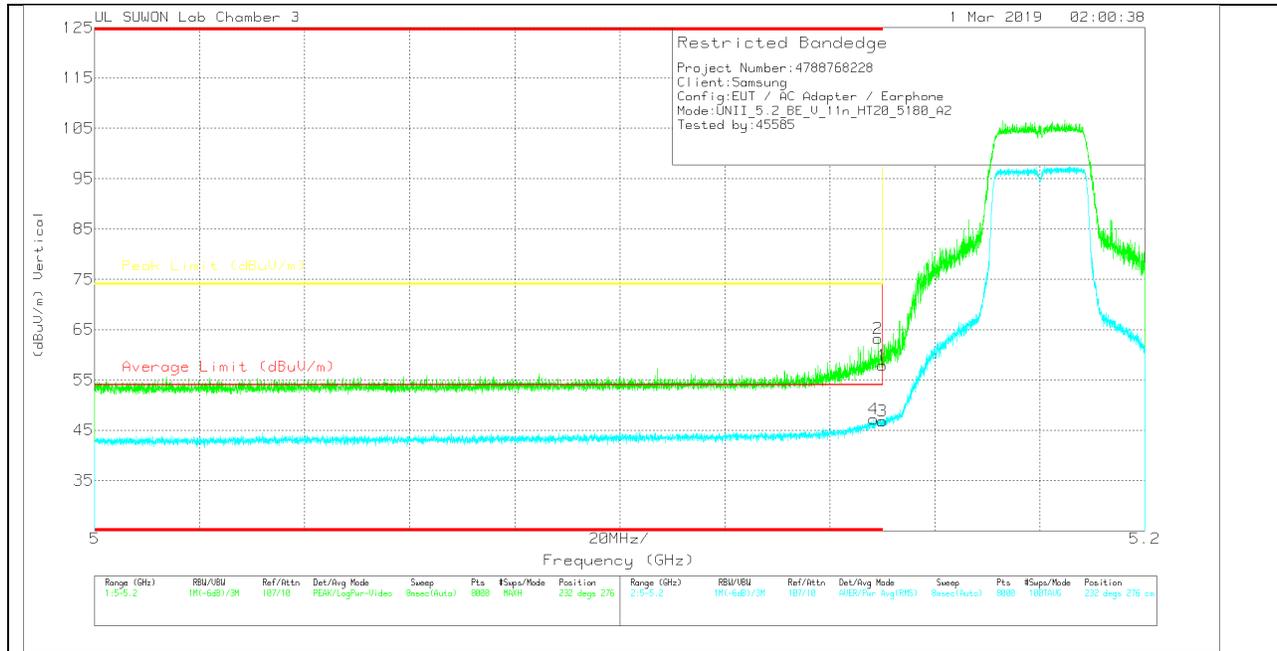
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	43.07	Pk	34.4	-19	0	58.47	-	-	74	-15.53	58	229	H
2	* 5.149	47.58	Pk	34.4	-19	0	62.98	-	-	74	-11.02	58	229	H
3	* 5.15	31.11	RMS	34.4	-19.4	.09	46.2	54	-7.8	-	-	58	229	H
4	* 5.15	32.28	RMS	34.4	-19.4	.09	47.37	54	-6.63	-	-	58	229	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_00209599	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	* 5.15	42.44	Pk	34.4	-19	0	57.84	-	-	74	-16.16	232	276	V
2	* 5.149	47.81	Pk	34.4	-19	0	63.21	-	-	74	-10.79	232	276	V
3	* 5.15	31.69	RMS	34.4	-19.4	.09	46.78	54	-7.22	-	-	232	276	V
4	* 5.148	32.07	RMS	34.4	-19.4	.09	47.16	54	-6.84	-	-	232	276	V

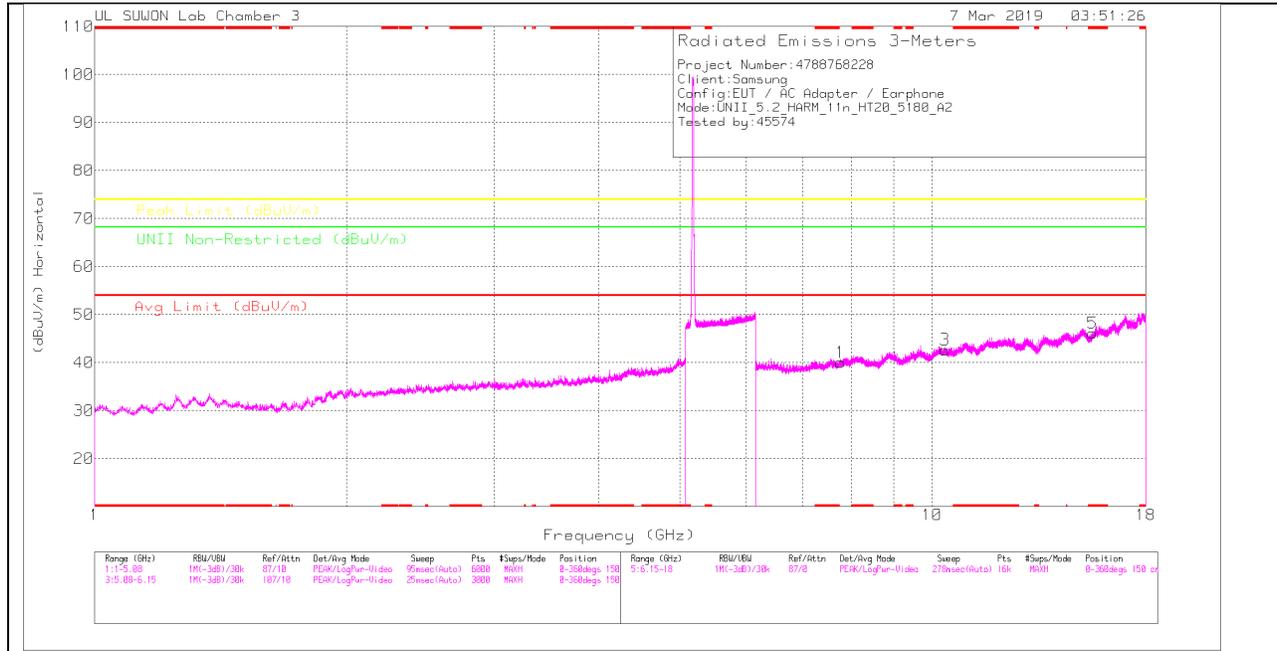
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

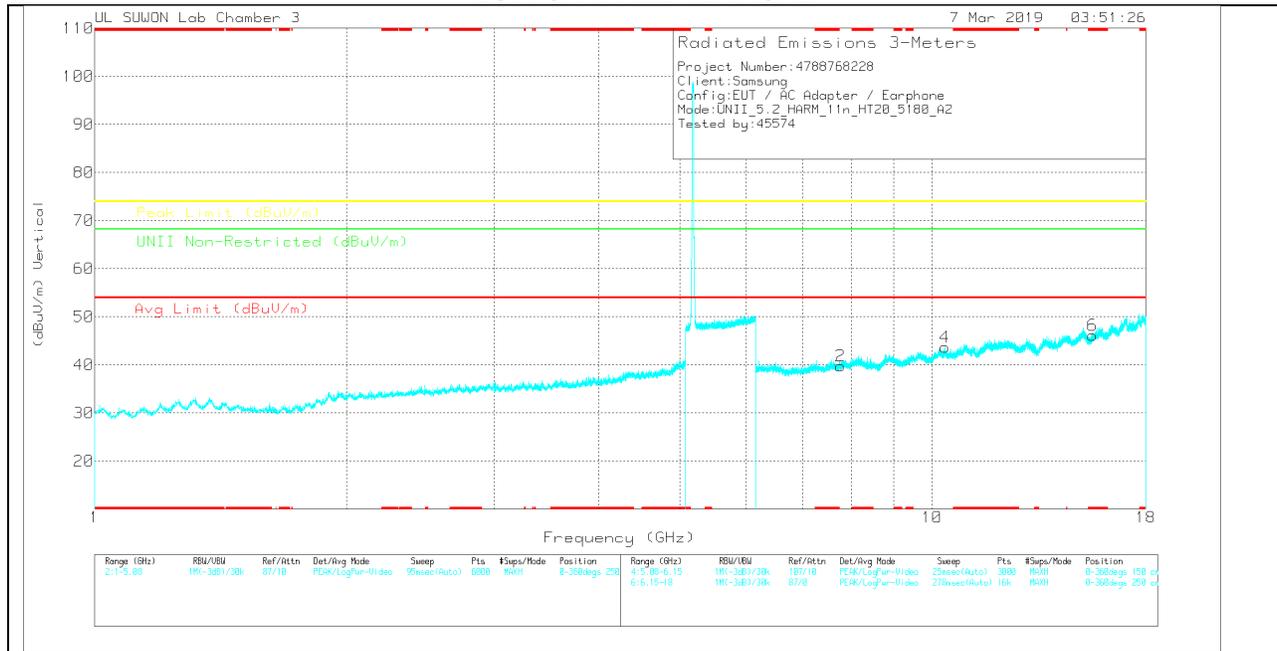
RMS - RMS detection

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

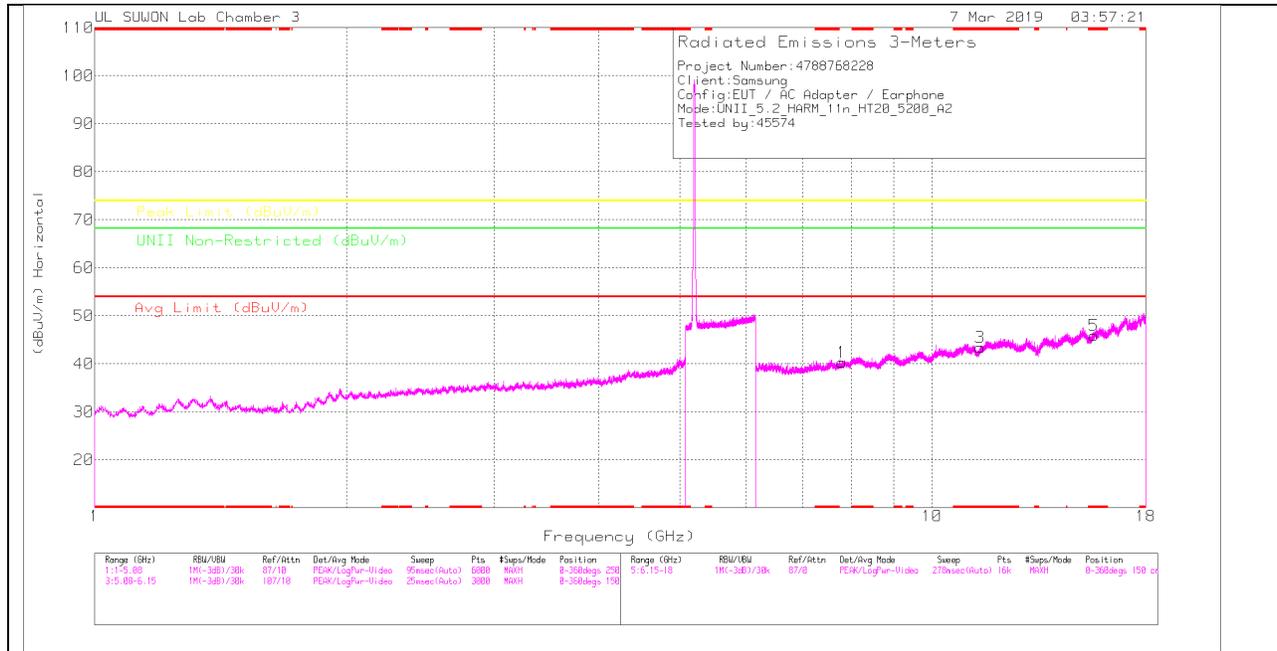
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.771	27.11	PK	35.9	-23	0	40.01	-	-	-	-	68.2	-28.19	0-360	150	H
3	10.361	24.31	PK	37.6	-19.2	0	42.71	-	-	-	-	68.2	-25.49	0-360	150	H
5	* 15.541	25.69	PK	40.2	-19.7	0	46.19	-	-	74	-27.81	-	-	0-360	250	H
2	7.771	26.94	PK	35.9	-23	0	39.84	-	-	-	-	68.2	-28.36	0-360	250	V
4	10.362	25.27	PK	37.6	-19.2	0	43.67	-	-	-	-	68.2	-24.53	0-360	250	V
6	* 15.542	25.68	PK	40.2	-19.7	0	46.18	-	-	74	-27.82	-	-	0-360	150	V

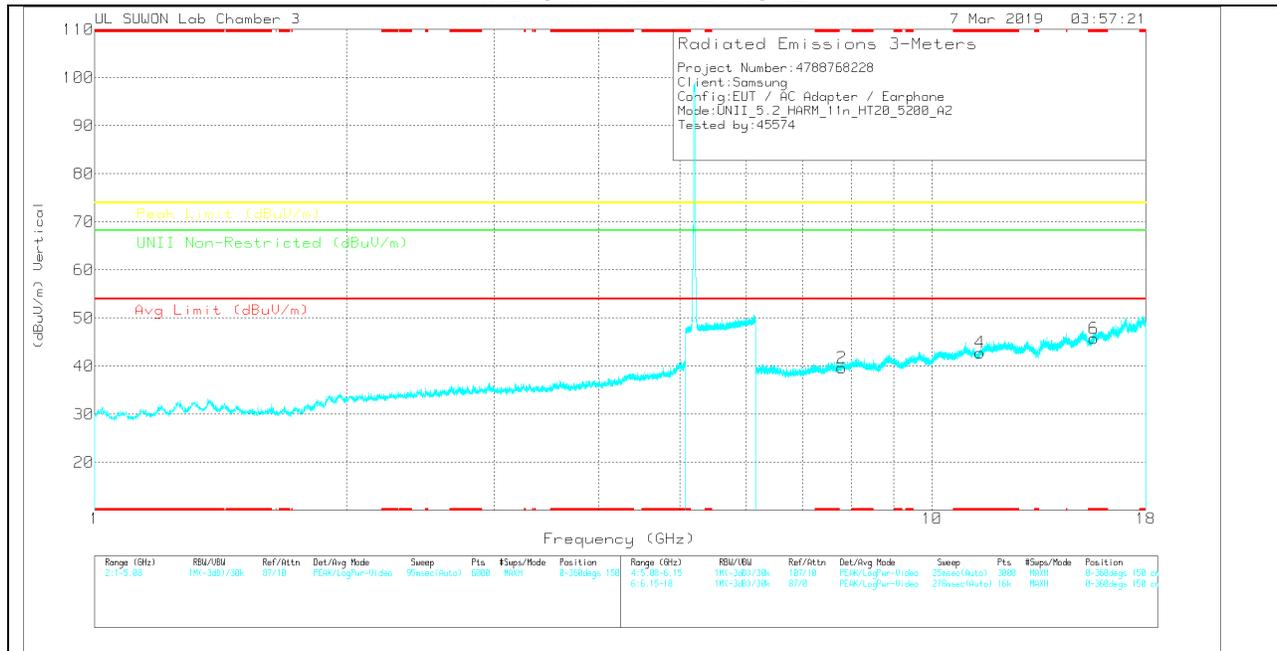
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

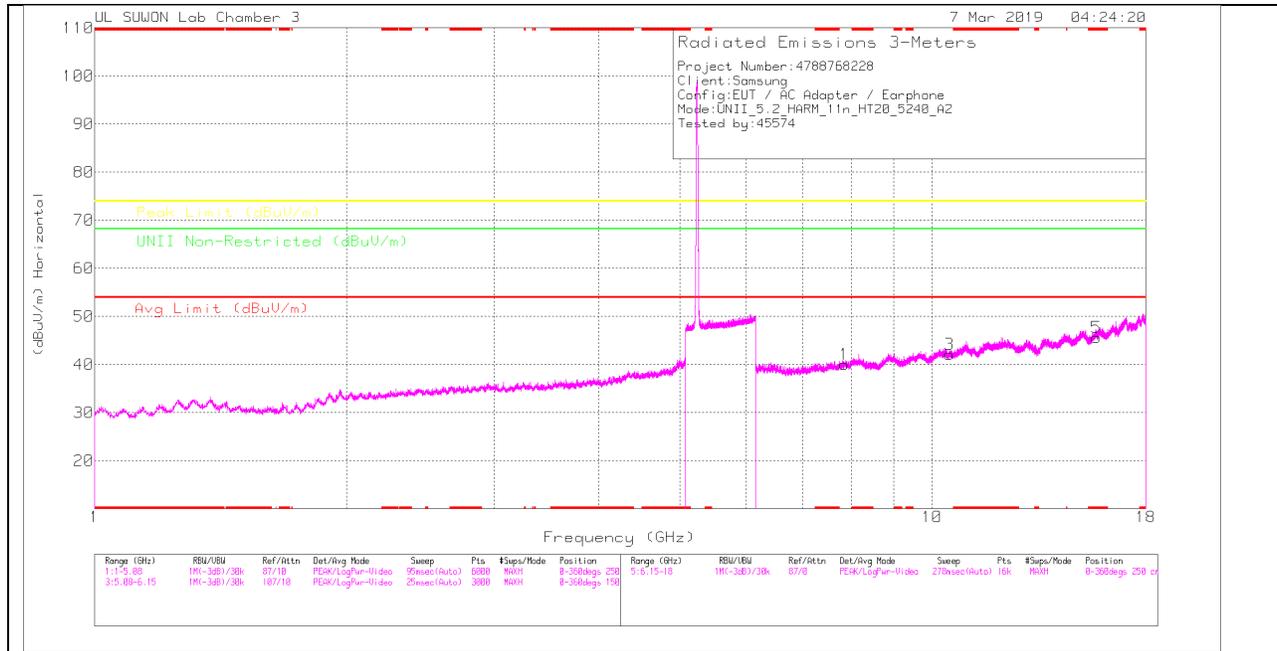
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	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)	Asimuth (Degs)	Height (cm)	Polarity
1	7.8	27.23	PK	35.9	-22.8	0	40.33	-	-	-	-	68.2	-27.87	0-360	150	H
3	* 11.401	24.39	PK	38.5	-19.5	0	43.39	-	-	74	-30.61	-	-	0-360	150	H
5	* 15.6	25.23	PK	40.2	-19.5	0	45.93	-	-	74	-28.07	-	-	0-360	150	H
2	7.799	26.69	PK	35.9	-22.9	0	39.69	-	-	-	-	68.2	-28.51	0-360	250	V
4	* 11.401	23.94	PK	38.5	-19.6	0	42.84	-	-	74	-31.16	-	-	0-360	150	V
6	* 15.601	25.02	PK	40.2	-19.5	0	45.72	-	-	74	-28.28	-	-	0-360	250	V

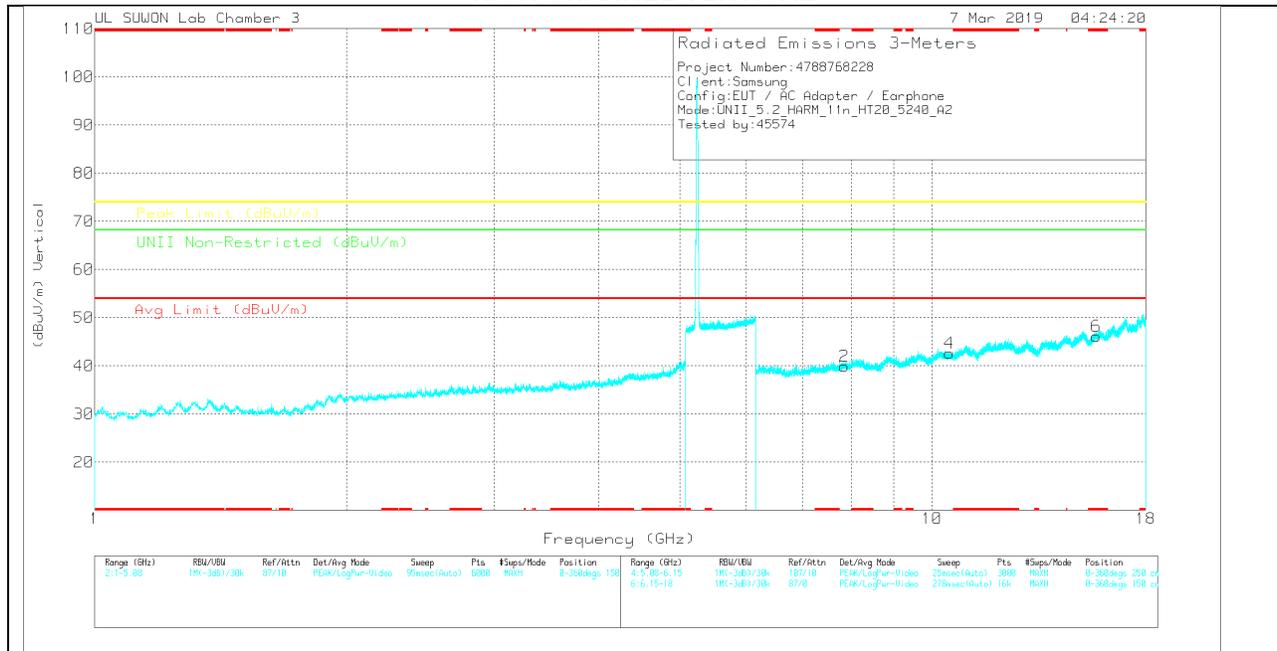
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

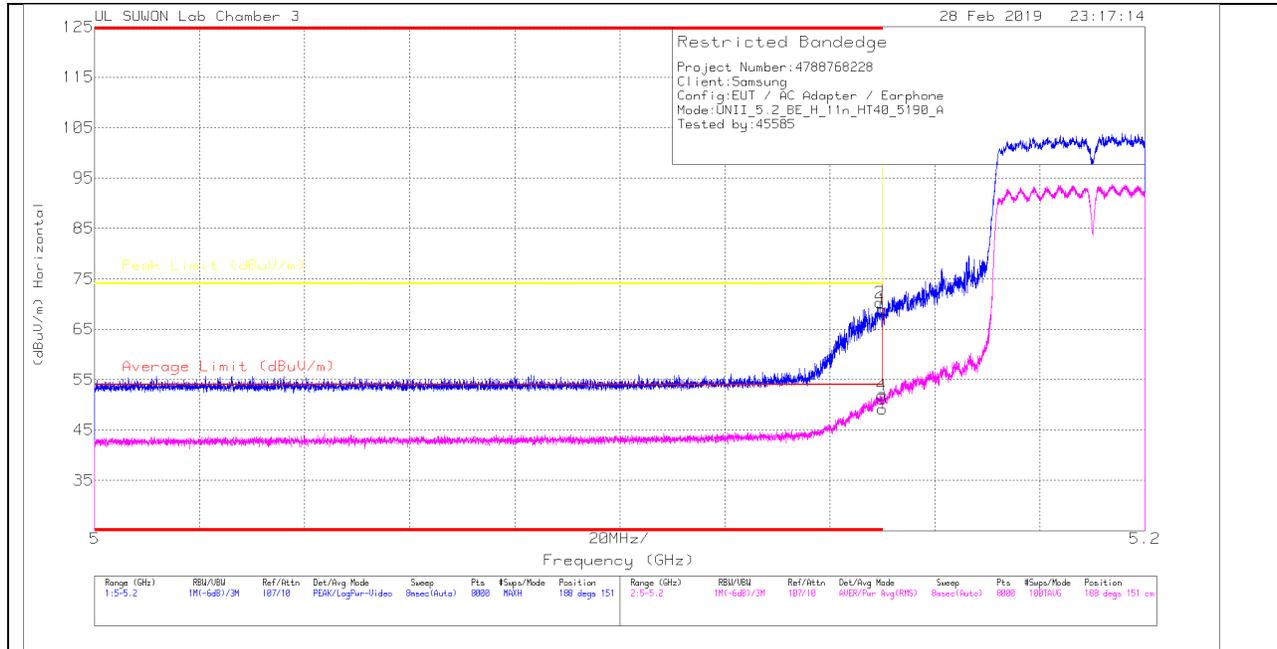
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.861	26.53	PK	35.9	-22.4	0	40.03	-	-	-	-	68.2	-28.17	0-360	250	H
3	10.481	23.73	PK	37.7	-19.3	0	42.13	-	-	-	-	68.2	-26.07	0-360	150	H
5	* 15.721	24.38	PK	40.4	-19.2	0	45.58	-	-	74	-28.42	-	-	0-360	150	H
2	7.86	26.43	PK	35.9	-22.4	0	39.93	-	-	-	-	68.2	-28.27	0-360	250	V
4	10.481	24.35	PK	37.7	-19.4	0	42.65	-	-	-	-	68.2	-25.55	0-360	250	V
6	* 15.721	25	PK	40.4	-19.2	0	46.2	-	-	74	-27.8	-	-	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).

11.1.7. TX Above 1GHz 802.11n HT40 2Tx CDD MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

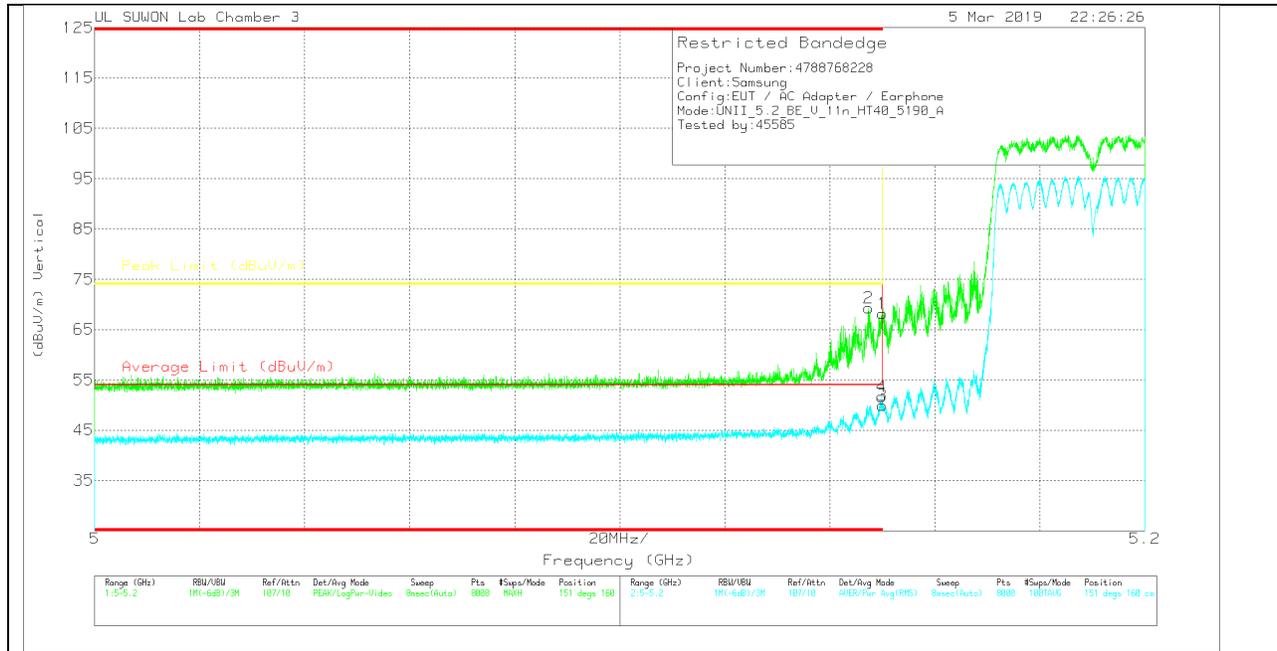
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	53.46	Pk	34.4	-19	0	68.86	-	-	74	-5.14	188	151	H
2	* 5.15	54.89	Pk	34.4	-19	0	70.29	-	-	74	-3.71	188	151	H
3	* 5.15	34.02	RMS	34.4	-19.4	.19	49.21	54	-4.79	-	-	188	151	H
4	* 5.15	36.76	RMS	34.4	-19.4	.19	51.95	54	-2.05	-	-	188	151	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	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	* 5.15	52.77	Pk	34.4	-19	0	68.17	-	-	74	-5.83	151	160	V
2	* 5.147	53.98	Pk	34.4	-19.1	0	69.28	-	-	74	-4.72	151	160	V
3	* 5.15	34.68	RMS	34.4	-19.4	.19	49.87	54	-4.13	-	-	151	160	V
4	* 5.15	36.45	RMS	34.4	-19.4	.19	51.64	54	-2.36	-	-	151	160	V

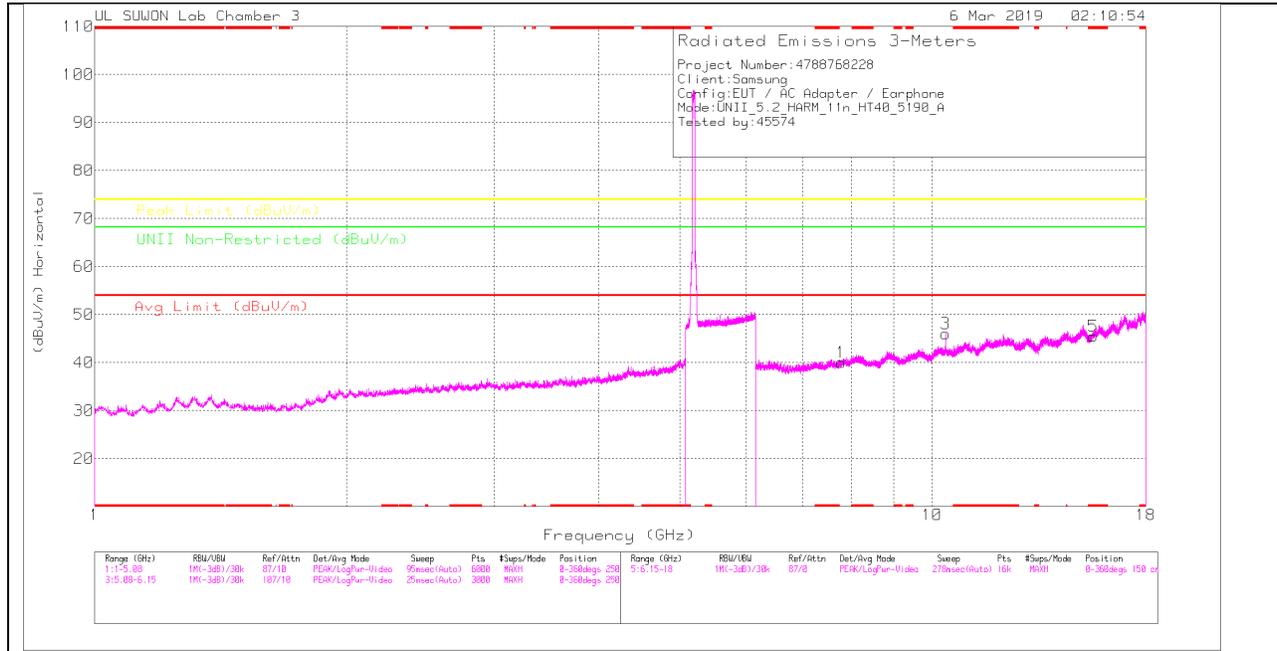
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

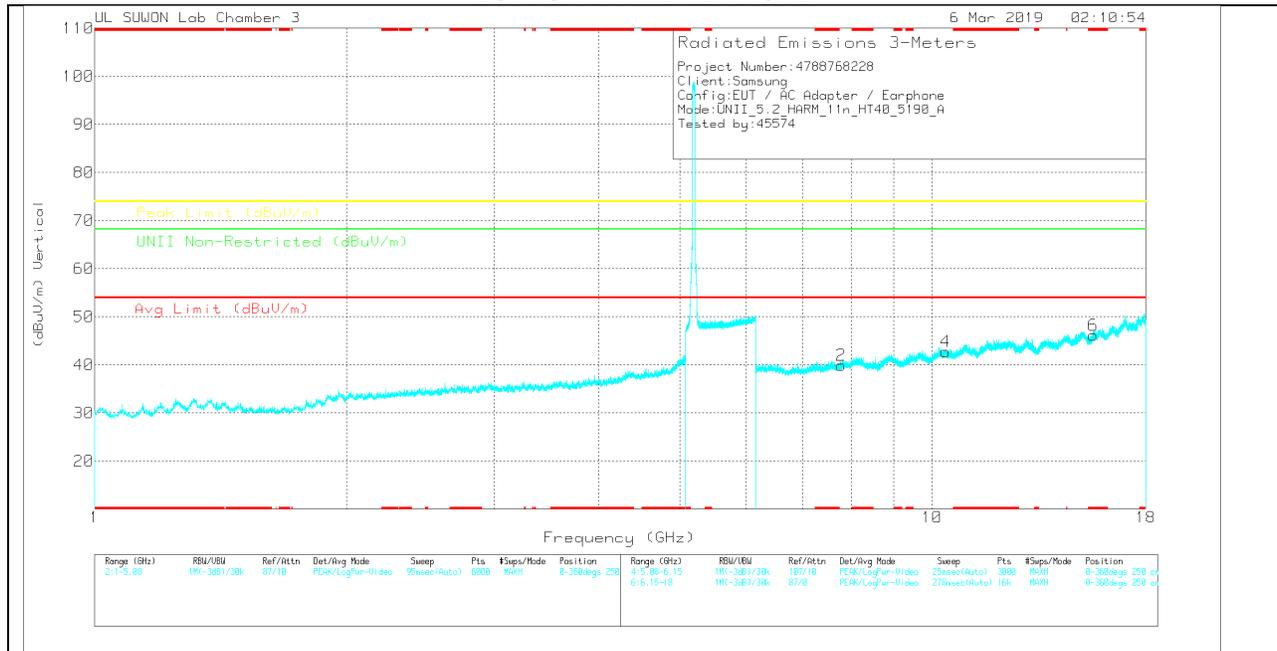
RMS - RMS detection

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_00209599	EGH_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)	Azimuth (Degs)	Height (cm)	Polarity
1	7.784	27.11	PK	35.9	-22.9	0	40.11	-	-	-	-	68.2	-28.09	0-360	250	H
3	10.378	27.66	PK	37.6	-19.2	0	46.06	-	-	-	-	68.2	-22.14	0-360	250	H
5	* 15.571	24.85	PK	40.2	-19.6	0	45.45	-	-	74	-28.55	-	-	0-360	250	H
2	7.787	27.02	PK	35.9	-23	0	39.92	-	-	-	-	68.2	-28.28	0-360	250	V
4	10.379	24.4	PK	37.6	-19.2	0	42.8	-	-	-	-	68.2	-25.4	0-360	150	V
6	* 15.57	25.53	PK	40.2	-19.6	0	46.13	-	-	74	-27.87	-	-	0-360	250	V

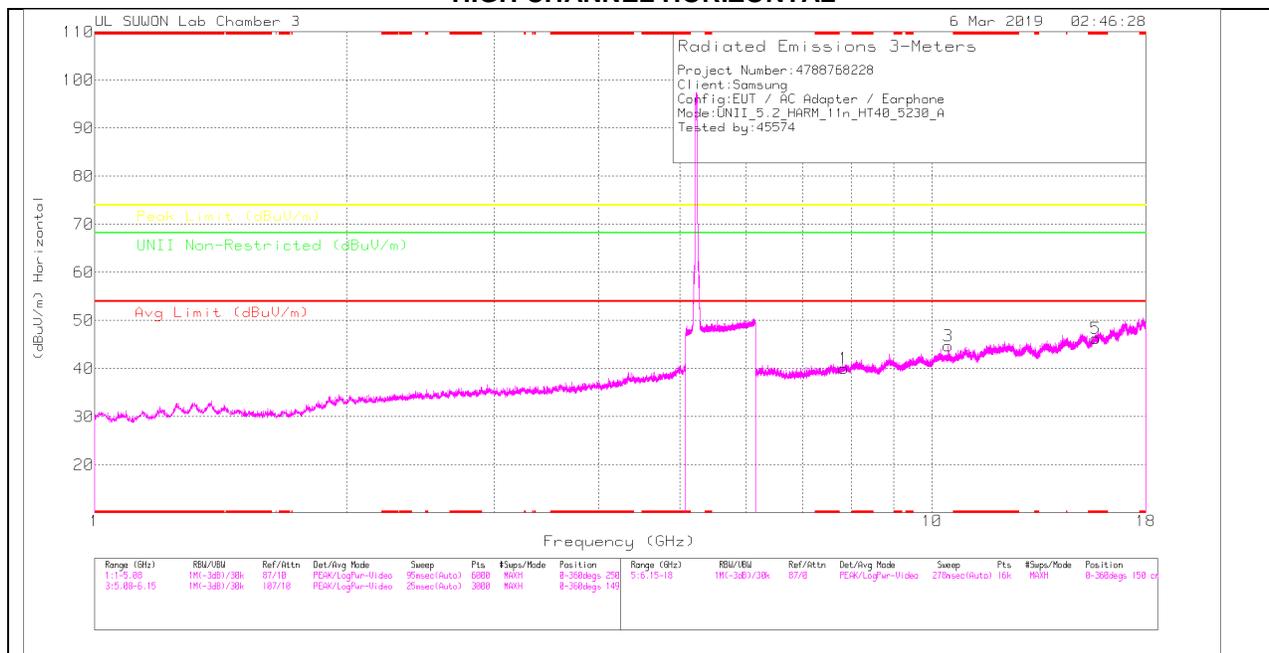
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

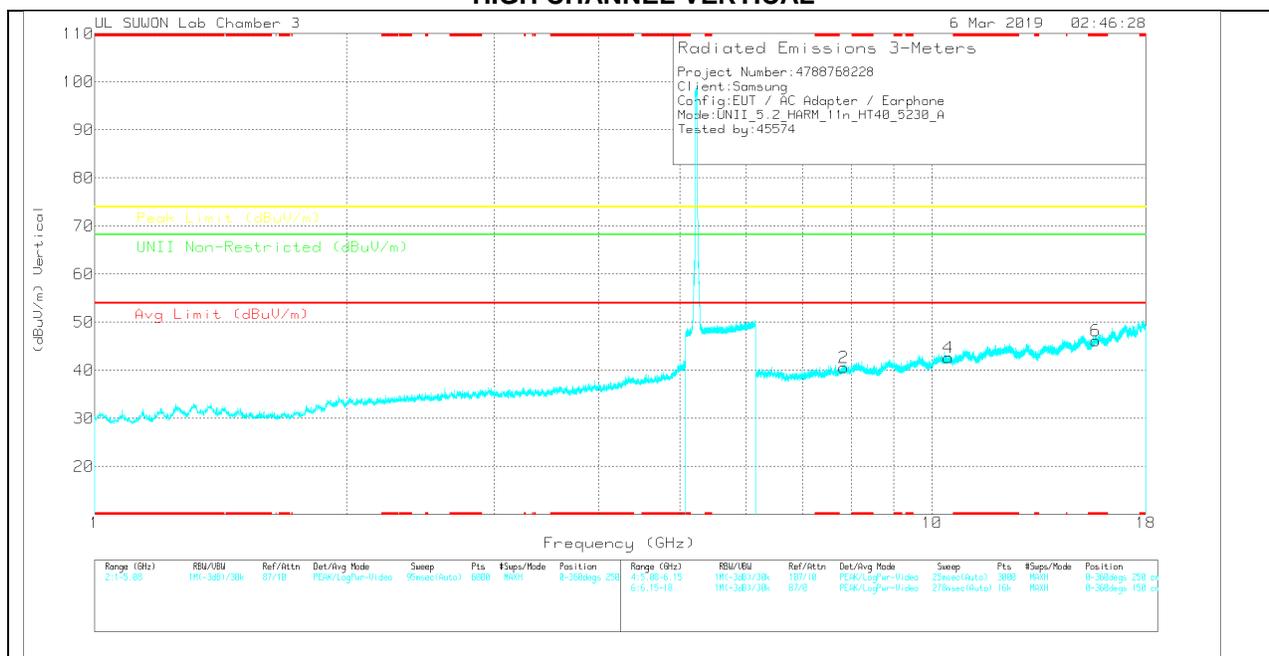
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	EGH_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	AvG Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
10.391	33.16	PK-U	37.6	-19.2	0	51.56	-	-	-	-	68.2	-16.64	182	244	H
10.363	32.41	PK-U	37.6	-19.3	0	50.71	-	-	-	-	68.2	-17.49	103	127	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	60Hz_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	7.845	26.6	PK	35.9	-22.5	0	40	-	-	-	-	68.2	-28.2	0-360	250	H
3	10.459	26.34	PK	37.7	-19.3	0	44.74	-	-	-	-	68.2	-23.46	0-360	250	H
5	* 15.691	25.21	PK	40.4	-19.3	0	46.31	-	-	74	-27.69	-	-	0-360	250	H
2	7.845	27.18	PK	35.9	-22.5	0	40.58	-	-	-	-	68.2	-27.62	0-360	250	V
4	10.461	24.26	PK	37.7	-19.3	0	42.66	-	-	-	-	68.2	-25.54	0-360	150	V
6	* 15.691	25.01	PK	40.4	-19.3	0	46.11	-	-	74	-27.89	-	-	0-360	150	V

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

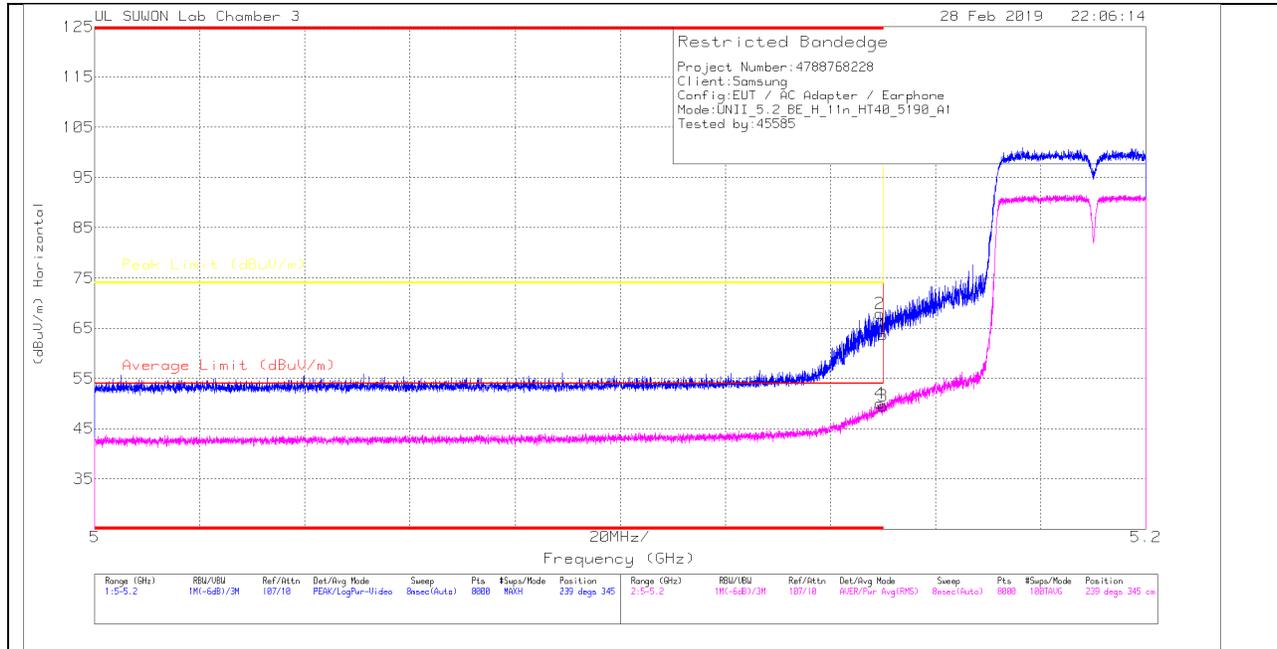
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	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
10.453	32.34	PK-U	37.7	-19.3	0	50.74	-	-	-	-	68.2	-17.46	182	244	H
10.449	31.31	PK-U	37.7	-19.3	0	49.71	-	-	-	-	68.2	-18.49	100	128	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK-U - U-NII: Maximum Peak

11.1.8.TX Above 1GHz 802.11n HT40 1Tx ANT1 IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

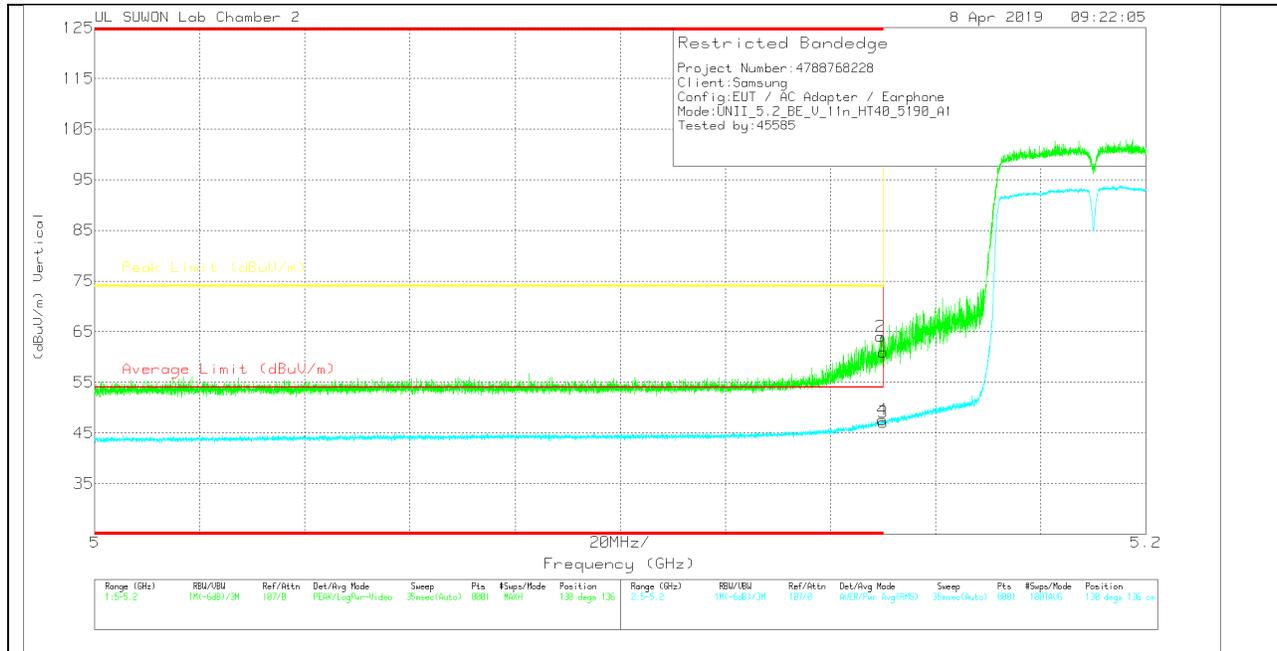
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	48.28	Pk	34.4	-19	0	63.68	-	-	74	-10.32	239	345	H
2	* 5.149	52.49	Pk	34.4	-19	0	67.89	-	-	74	-6.11	239	345	H
3	* 5.15	34.41	RMS	34.4	-19.4	.19	49.6	54	-4.4	-	-	239	345	H
4	* 5.149	34.82	RMS	34.4	-19.4	.19	50.01	54	-3.99	-	-	239	345	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	5.15	44.87	Pk	34.3	-18.2	0	60.97	-	-	74	-13.03	130	136	V
2	* 5.15	47.98	Pk	34.3	-18.2	0	64.08	-	-	74	-9.92	130	136	V
3	5.15	29.87	RMS	34.3	-17.3	.19	47.06	54	-6.94	-	-	130	136	V
4	* 5.15	30.42	RMS	34.3	-17.3	.19	47.61	54	-6.39	-	-	130	136	V

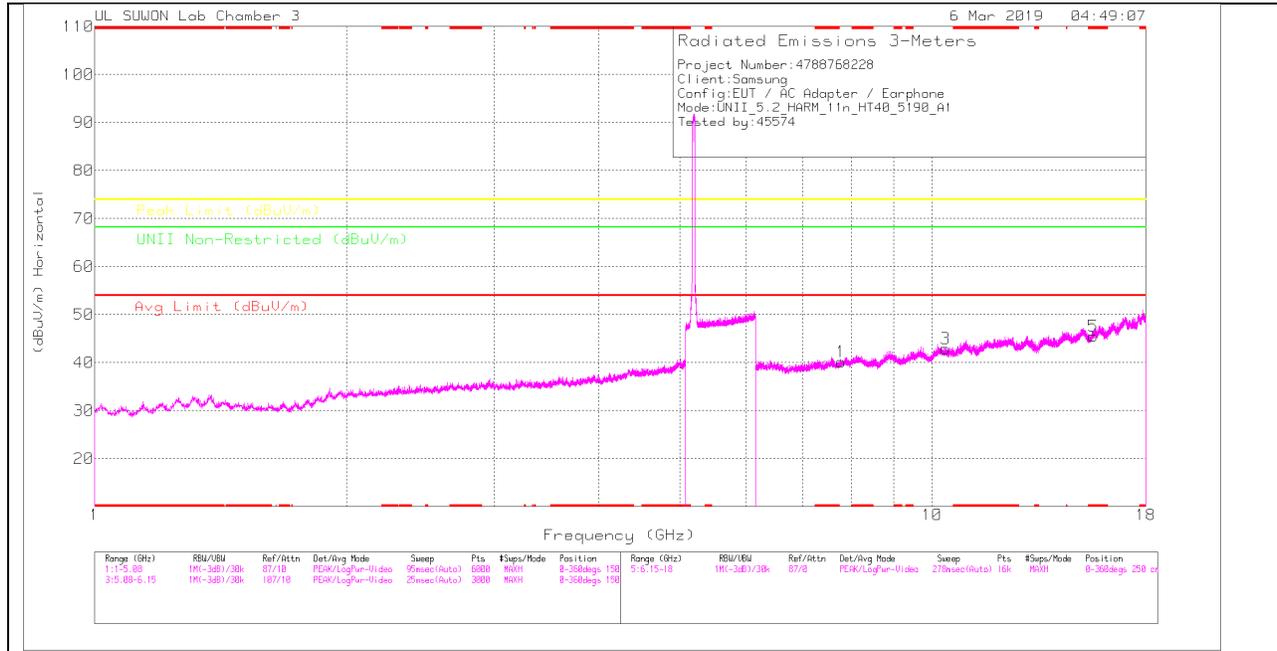
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

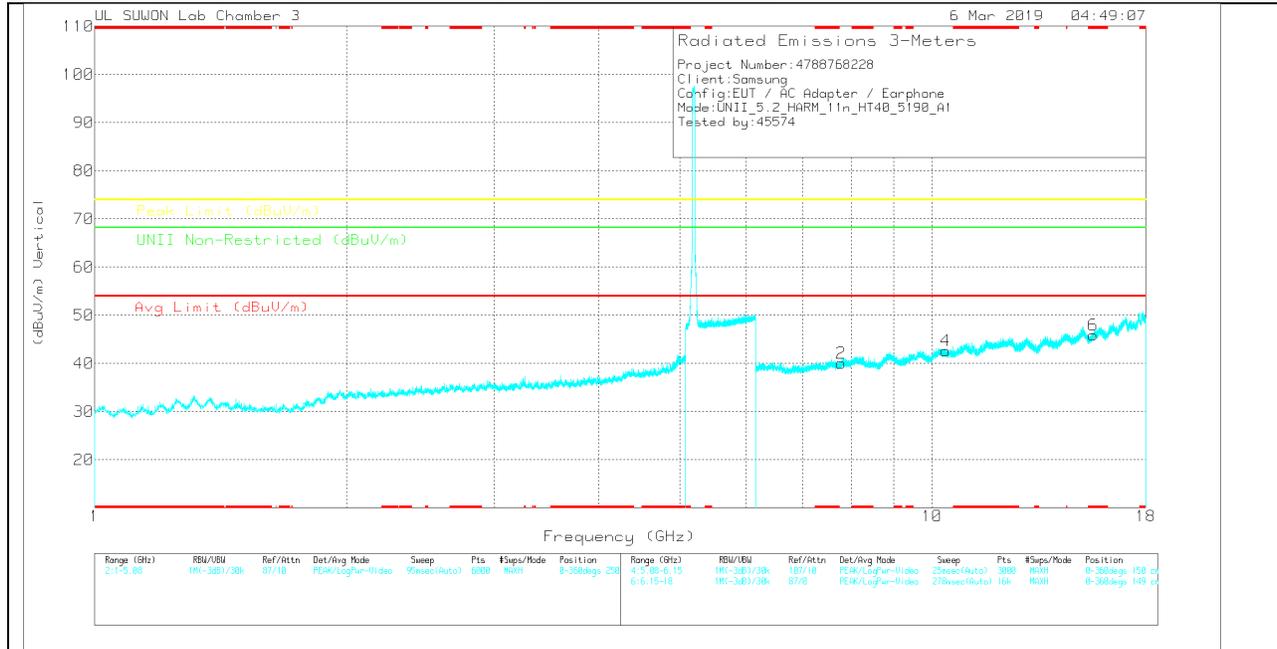
RMS - RMS detection

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

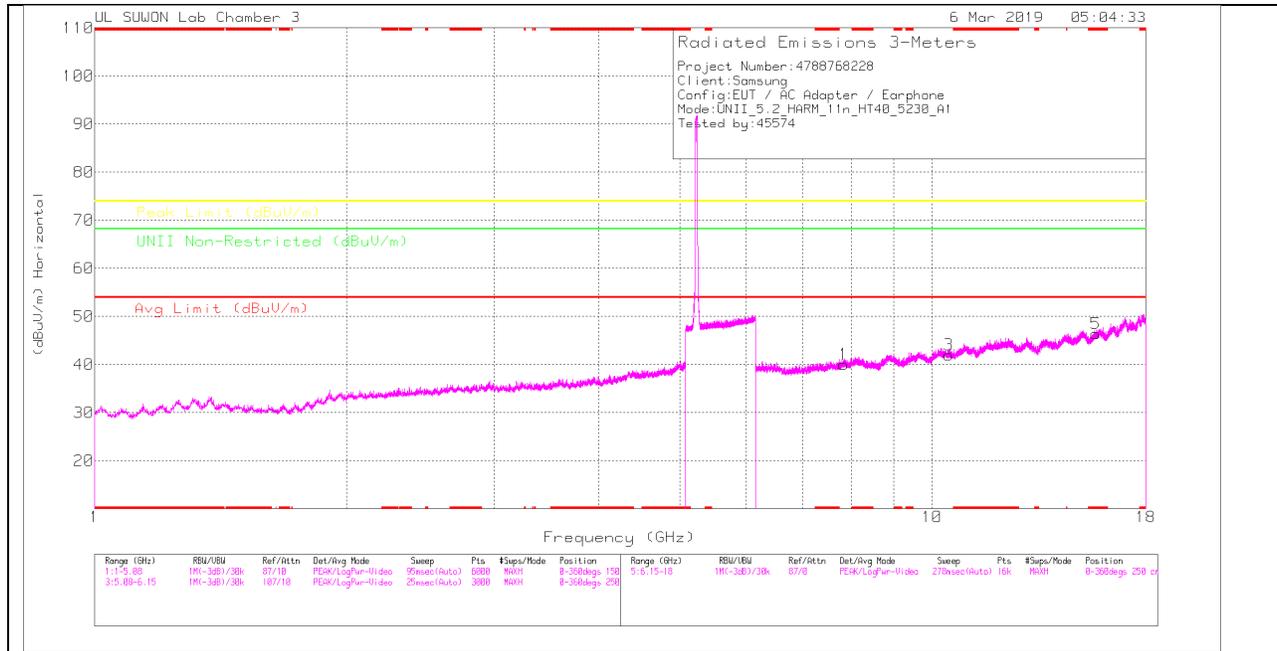
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00209599	GM1_H1(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	7.784	27.2	PK	35.9	-22.9	0	40.2	-	-	-	-	68.2	-28	0-360	150	H
3	10.379	24.49	PK	37.6	-19.2	0	42.89	-	-	-	-	68.2	-25.31	0-360	150	H
5	* 15.571	24.89	PK	40.2	-19.6	0	45.49	-	-	74	-28.51	-	-	0-360	150	H
2	7.787	27.21	PK	35.9	-23	0	40.11	-	-	-	-	68.2	-28.09	0-360	250	V
4	10.381	24.14	PK	37.6	-19.1	0	42.64	-	-	-	-	68.2	-25.56	0-360	149	V
6	* 15.571	25.34	PK	40.2	-19.6	0	45.94	-	-	74	-28.06	-	-	0-360	250	V

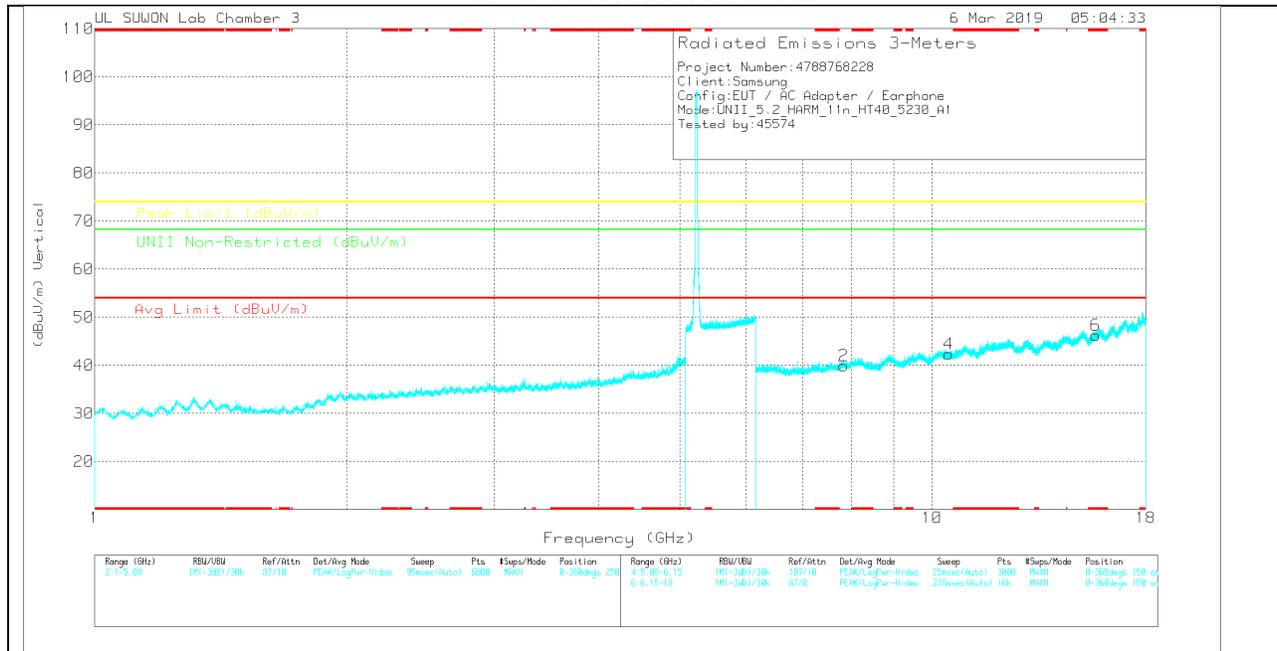
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

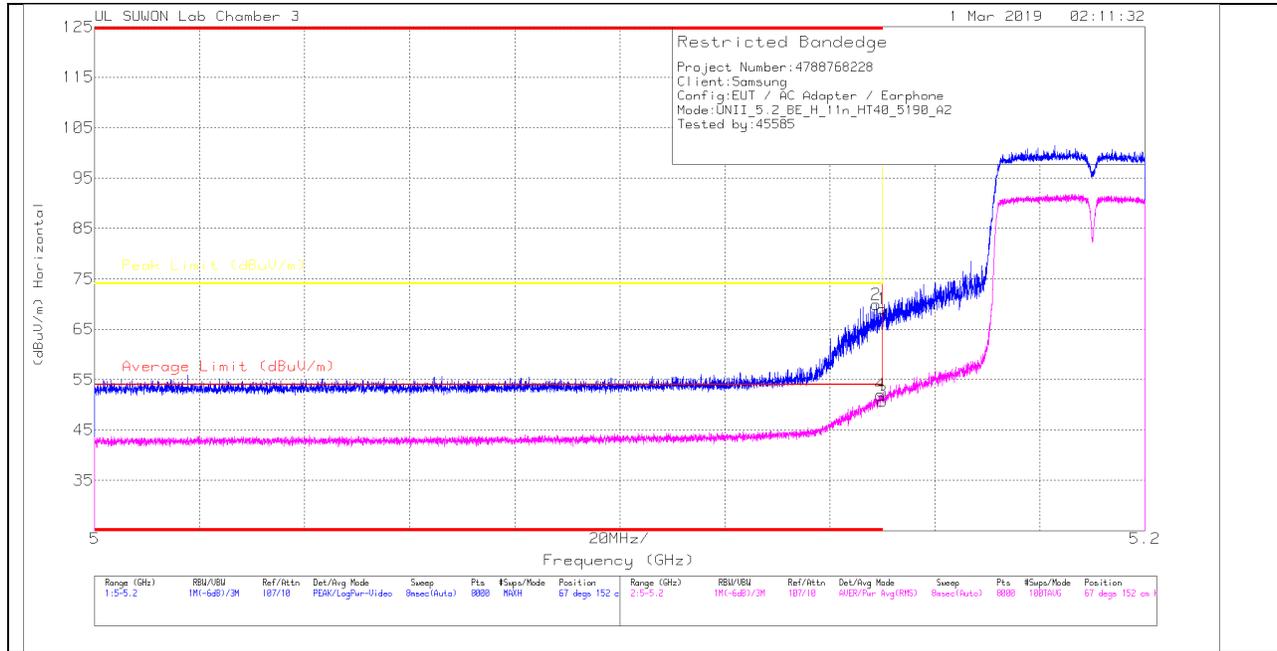
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020959	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.846	26.79	PK	35.9	-22.6	0	40.09	-	-	-	-	68.2	-28.11	0-360	250	H
3	10.461	23.58	PK	37.7	-19.3	0	41.98	-	-	-	-	68.2	-26.22	0-360	250	H
5	* 15.691	25.26	PK	40.4	-19.3	0	46.36	-	-	74	-27.64	-	-	0-360	150	H
2	7.845	26.57	PK	35.9	-22.5	0	39.97	-	-	-	-	68.2	-28.23	0-360	150	V
4	10.461	24.01	PK	37.7	-19.3	0	42.41	-	-	-	-	68.2	-25.79	0-360	250	V
6	* 15.691	25.23	PK	40.4	-19.3	0	46.33	-	-	74	-27.67	-	-	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).

11.1.9.TX Above 1GHz 802.11n HT40 1Tx ANT2 IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

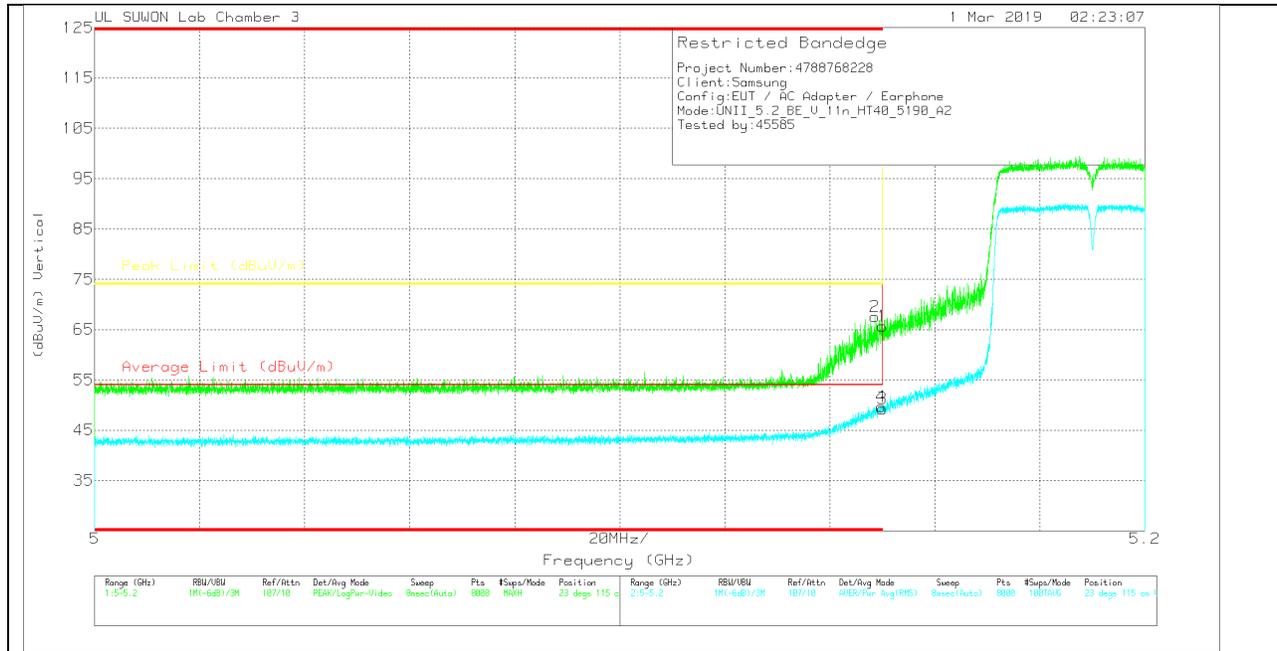
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	53.66	Pk	34.4	-19	0	69.06	-	-	74	-4.94	67	152	H
2	* 5.149	54.59	Pk	34.4	-19.1	0	69.89	-	-	74	-4.11	67	152	H
3	* 5.15	35.52	RMS	34.4	-19.4	.19	50.71	54	-3.29	-	-	67	152	H
4	* 5.15	36.78	RMS	34.4	-19.4	.19	51.97	54	-2.03	-	-	67	152	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 (Deg)	Height (cm)	Polarity
1	* 5.15	50.34	Pk	34.4	-19	0	65.74	-	-	74	-8.26	23	115	V
2	* 5.149	52.25	Pk	34.4	-19.1	0	67.55	-	-	74	-6.45	23	115	V
3	* 5.15	34.05	RMS	34.4	-19.4	.19	49.24	54	-4.76	-	-	23	115	V
4	* 5.15	34.53	RMS	34.4	-19.4	.19	49.72	54	-4.28	-	-	23	115	V

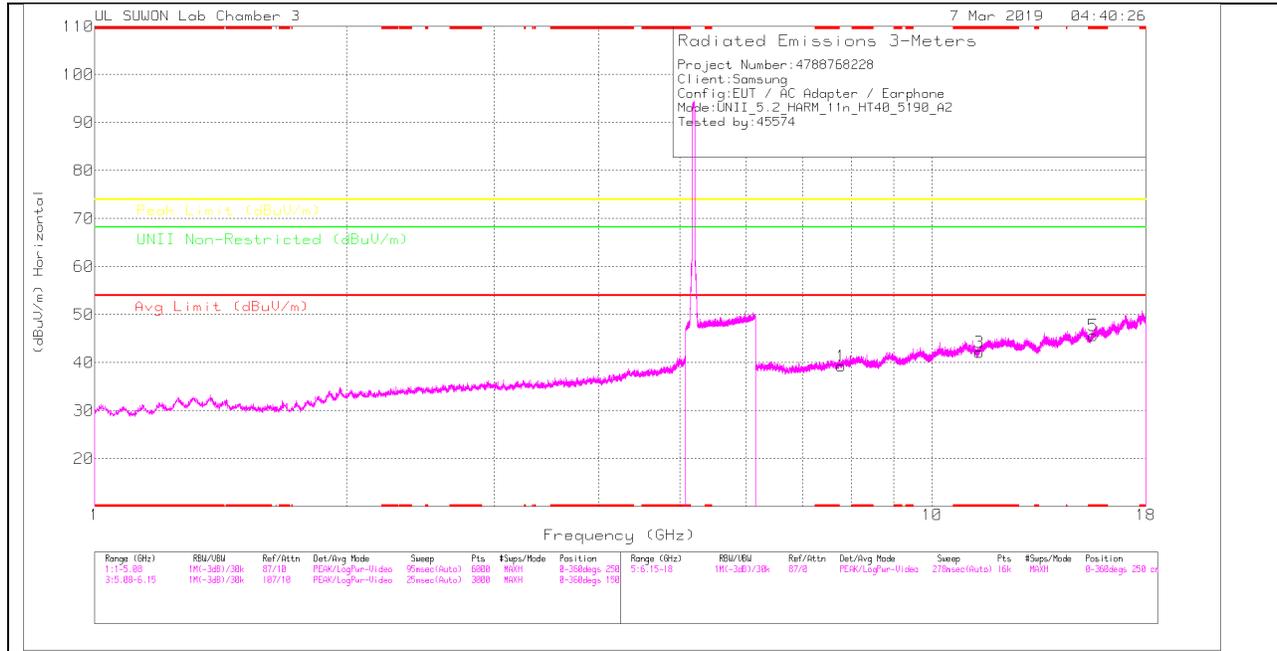
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

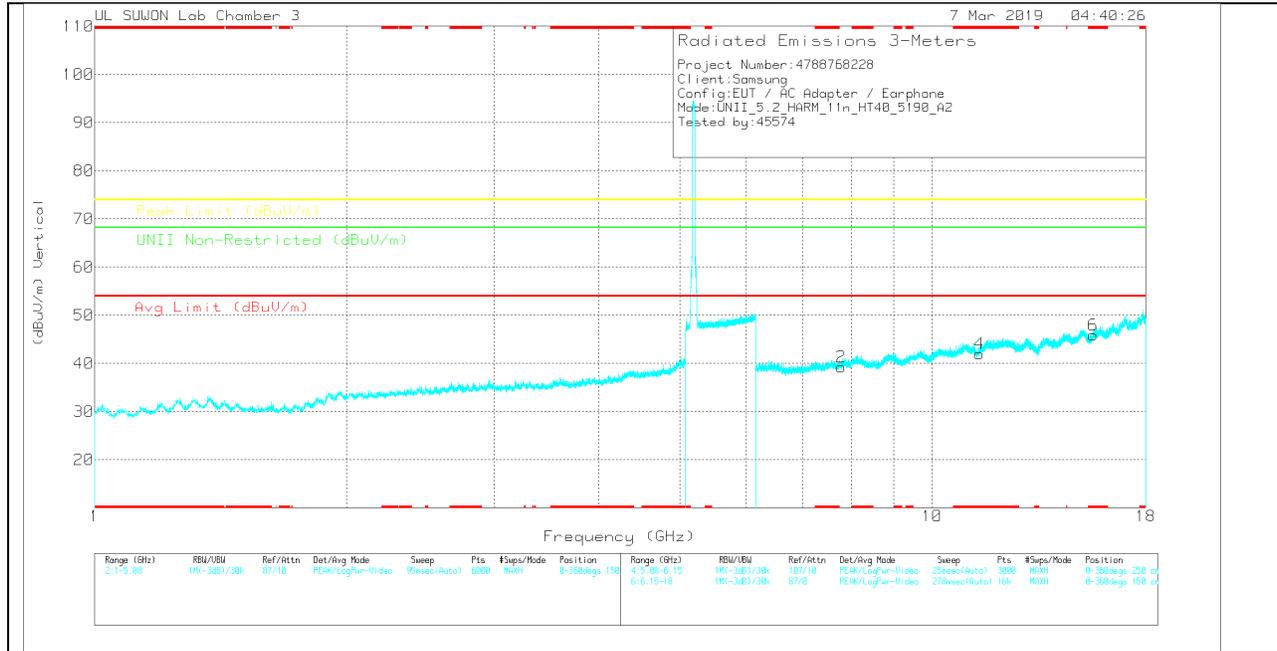
RMS - RMS detection

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

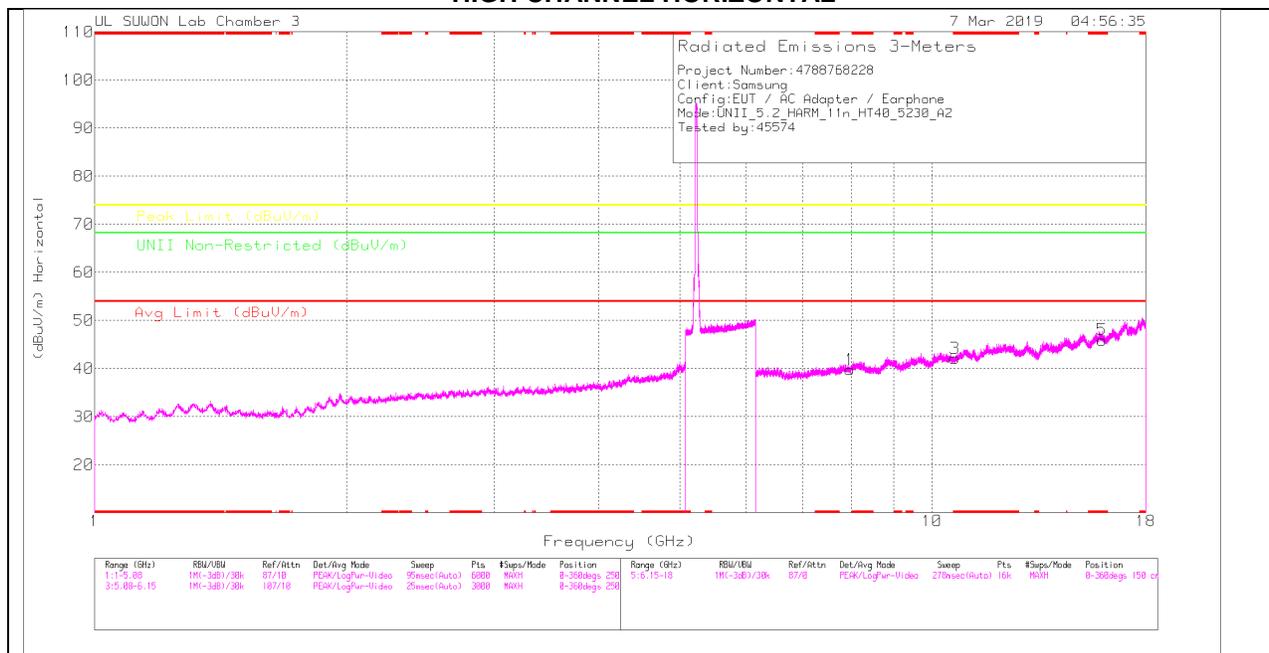
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00209599	60Hz_HR(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	7.785	26.36	PK	35.9	-23	0	39.26	-	-	-	-	68.2	-28.94	0-360	250	H
3	*11.381	23.38	PK	38.4	-19.6	0	42.18	-	-	74	-31.82	-	-	0-360	250	H
5	*15.571	25.01	PK	40.2	-19.6	0	45.61	-	-	74	-28.39	-	-	0-360	150	H
2	7.785	26.34	PK	35.9	-23	0	39.24	-	-	-	-	68.2	-28.96	0-360	250	V
4	*11.381	23.25	PK	38.4	-19.6	0	42.05	-	-	74	-31.95	-	-	0-360	250	V
6	*15.57	25.28	PK	40.2	-19.6	0	45.88	-	-	74	-28.12	-	-	0-360	150	V

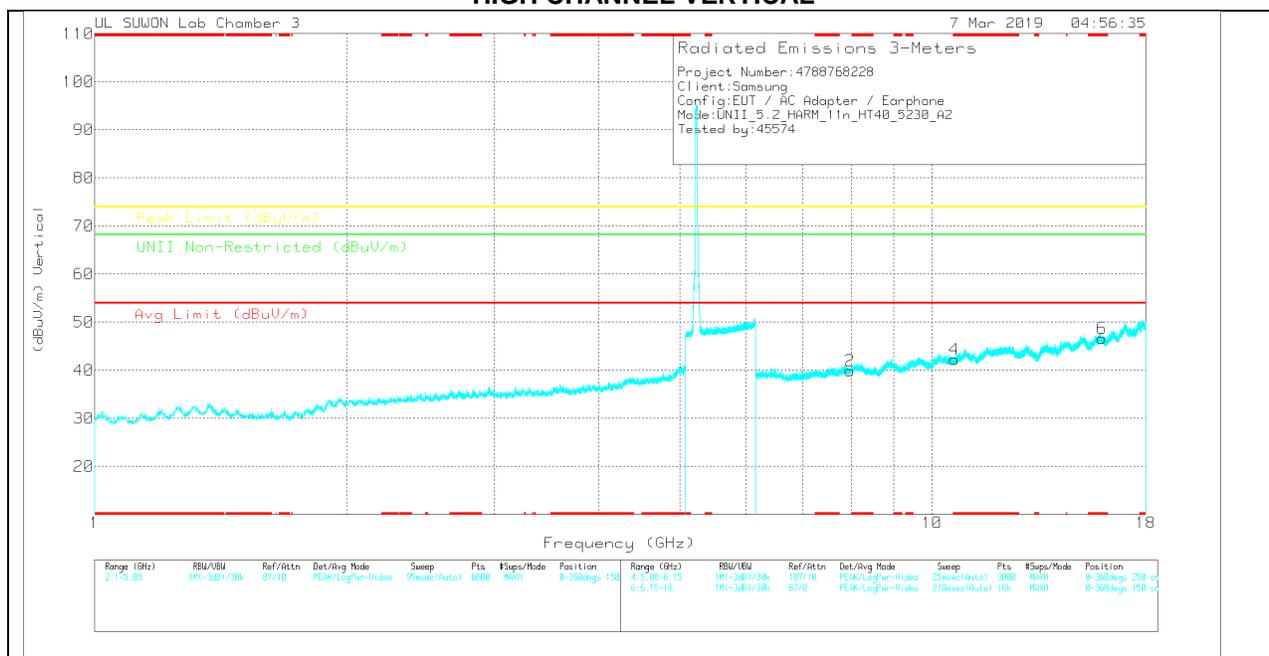
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

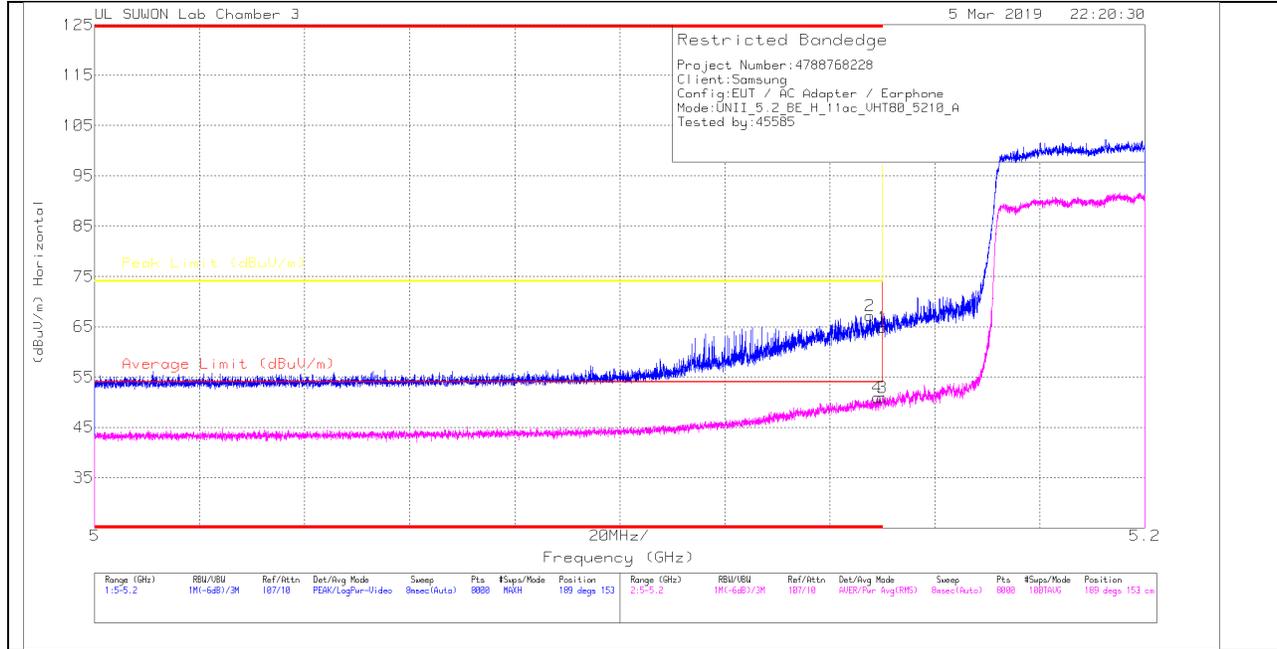
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.979	26.62	PK	36	-22.8	0	39.82	-	-	-	-	68.2	-28.38	0-360	150	H
3	* 10.642	23.6	PK	37.8	-19.3	0	42.1	-	-	74	-31.9	-	-	0-360	250	H
5	* 15.961	23.86	PK	40.7	-18.6	0	45.96	-	-	74	-28.04	-	-	0-360	250	H
2	7.981	26.77	PK	36	-22.8	0	39.97	-	-	-	-	68.2	-28.23	0-360	250	V
4	* 10.64	23.71	PK	37.8	-19.2	0	42.31	-	-	74	-31.69	-	-	0-360	150	V
6	* 15.961	24.54	PK	40.7	-18.6	0	46.64	-	-	74	-27.36	-	-	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).

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

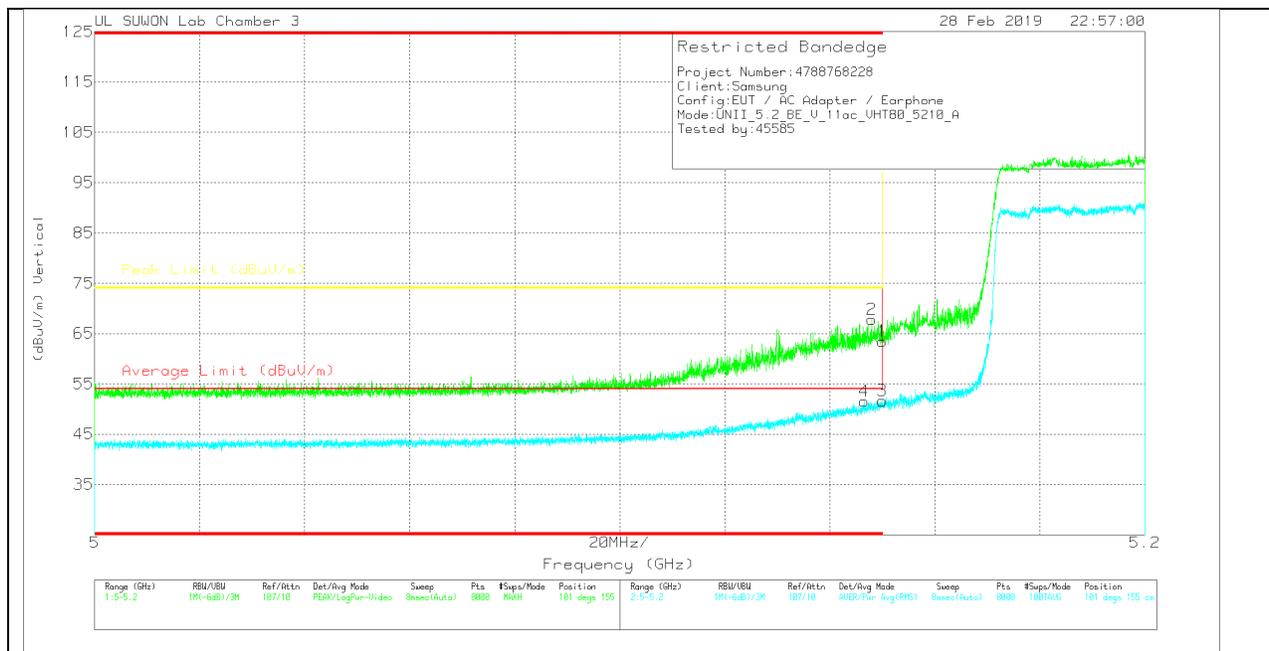
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	49.4	Pk	34.4	-19	0	64.8	-	-	74	-9.2	189	153	H
2	* 5.148	51.91	Pk	34.4	-19.1	0	67.21	-	-	74	-6.79	189	153	H
3	* 5.15	35.48	RMS	34.4	-19.4	.39	50.87	54	-3.13	-	-	189	153	H
4	* 5.149	35.53	RMS	34.4	-19.4	.39	50.92	54	-3.08	-	-	189	153	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_00209999	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	48.11	PK	34.4	-19	0	63.51	-	-	74	-10.49	101	155	V
2	* 5.148	52.45	PK	34.4	-19.1	0	67.75	-	-	74	-6.25	101	155	V
3	* 5.15	36.21	RMS	34.4	-19.4	.39	51.6	54	-2.4	-	-	101	155	V
4	* 5.147	36.11	RMS	34.4	-19.4	.39	51.5	54	-2.5	-	-	101	155	V

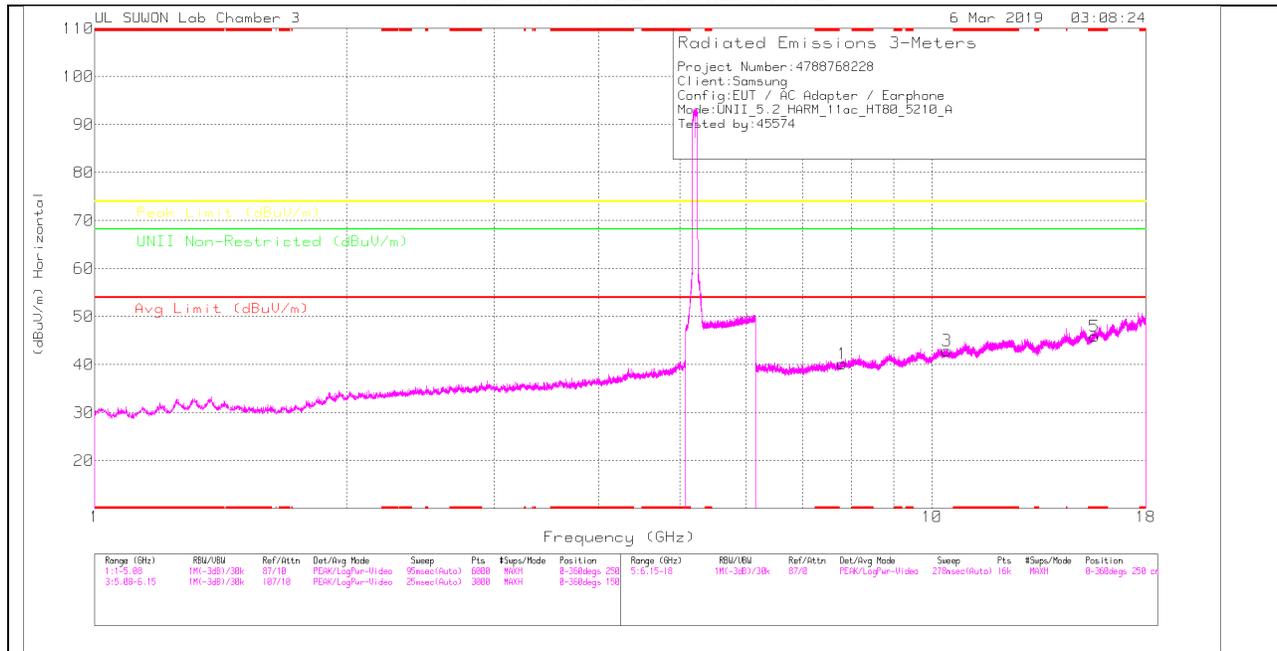
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

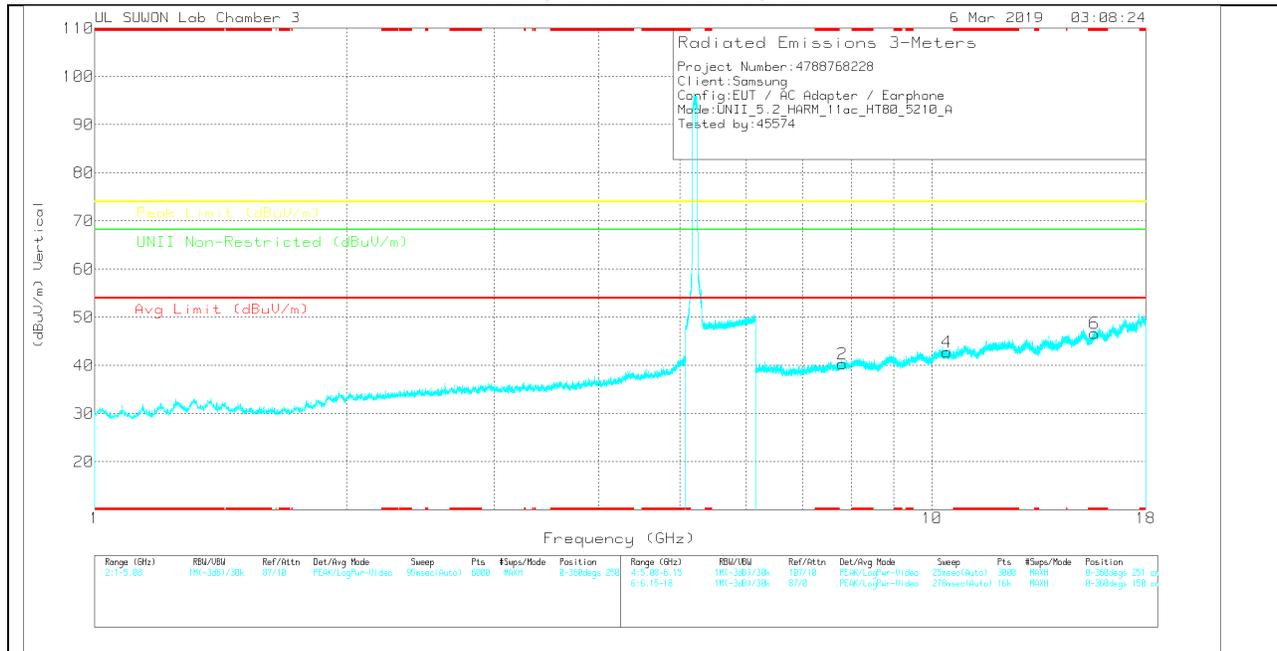
RMS - RMS detection

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_00209599	60Hz_HR(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	7.816	27.04	PK	35.9	-22.7	0	40.24	-	-	-	-	68.2	-27.96	0-360	250	H
3	10.421	24.66	PK	37.6	-19.4	0	42.86	-	-	-	-	68.2	-25.34	0-360	250	H
5	* 15.631	24.99	PK	40.3	-19.4	0	45.89	-	-	74	-28.11	-	-	0-360	250	H
2	7.819	27.15	PK	35.9	-22.7	0	40.35	-	-	-	-	68.2	-27.85	0-360	150	V
4	10.421	24.52	PK	37.6	-19.4	0	42.72	-	-	-	-	68.2	-25.48	0-360	150	V
6	* 15.631	25.72	PK	40.3	-19.4	0	46.62	-	-	74	-27.38	-	-	0-360	150	V

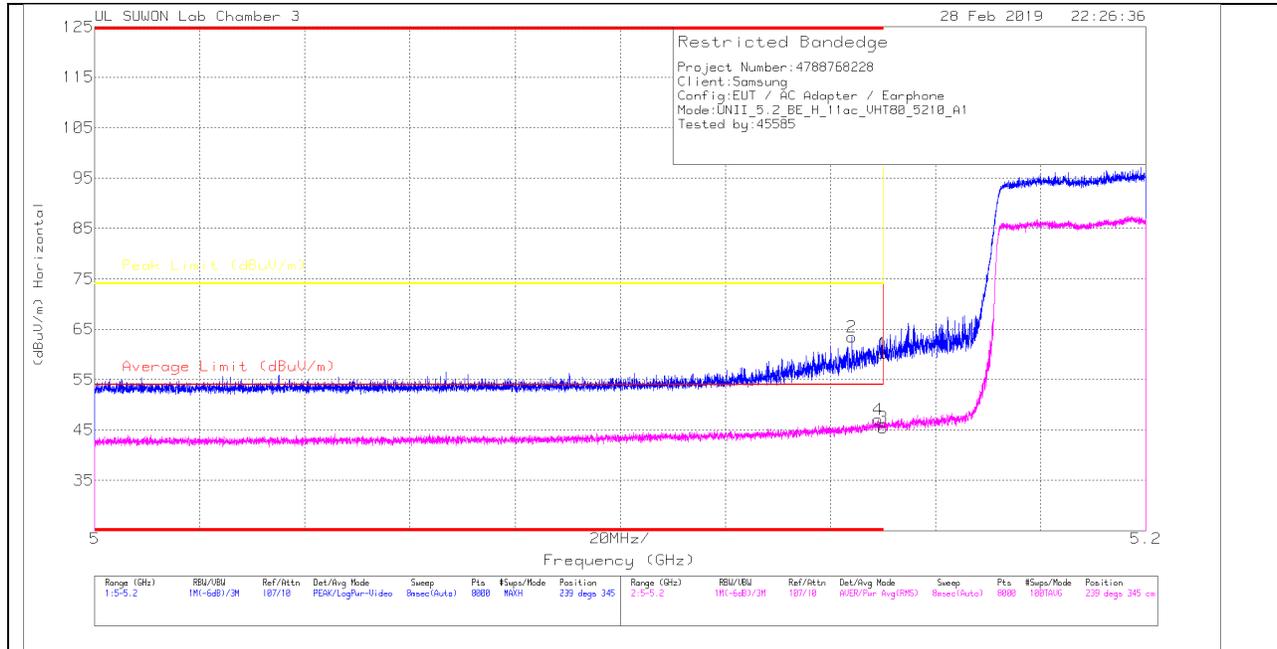
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.1.11. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT1 MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

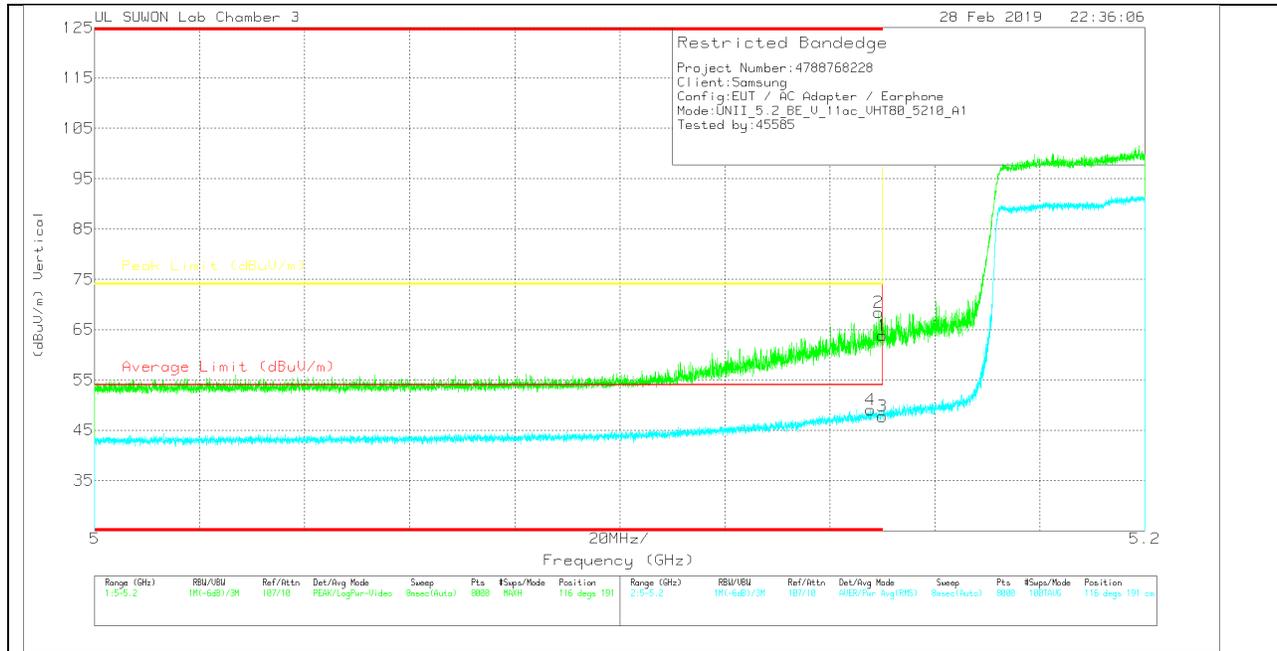
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	44.88	Pk	34.4	-19	0	60.28	-	-	74	-13.72	239	345	H
2	* 5.144	48.14	Pk	34.4	-19.1	0	63.44	-	-	74	-10.56	239	345	H
3	* 5.15	30.09	RMS	34.4	-19.4	.39	45.48	54	-8.52	-	-	239	345	H
4	* 5.149	31.66	RMS	34.4	-19.4	.39	47.05	54	-6.95	-	-	239	345	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_00209999	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	48.37	Pk	34.4	-19	0	63.77	-	-	74	-10.23	116	191	V
2	* 5.149	53.05	Pk	34.4	-19	0	68.45	-	-	74	-5.55	116	191	V
3	* 5.15	32.36	RMS	34.4	-19.4	.39	47.75	54	-6.25	-	-	116	191	V
4	* 5.148	33.65	RMS	34.4	-19.4	.39	49.04	54	-4.96	-	-	116	191	V

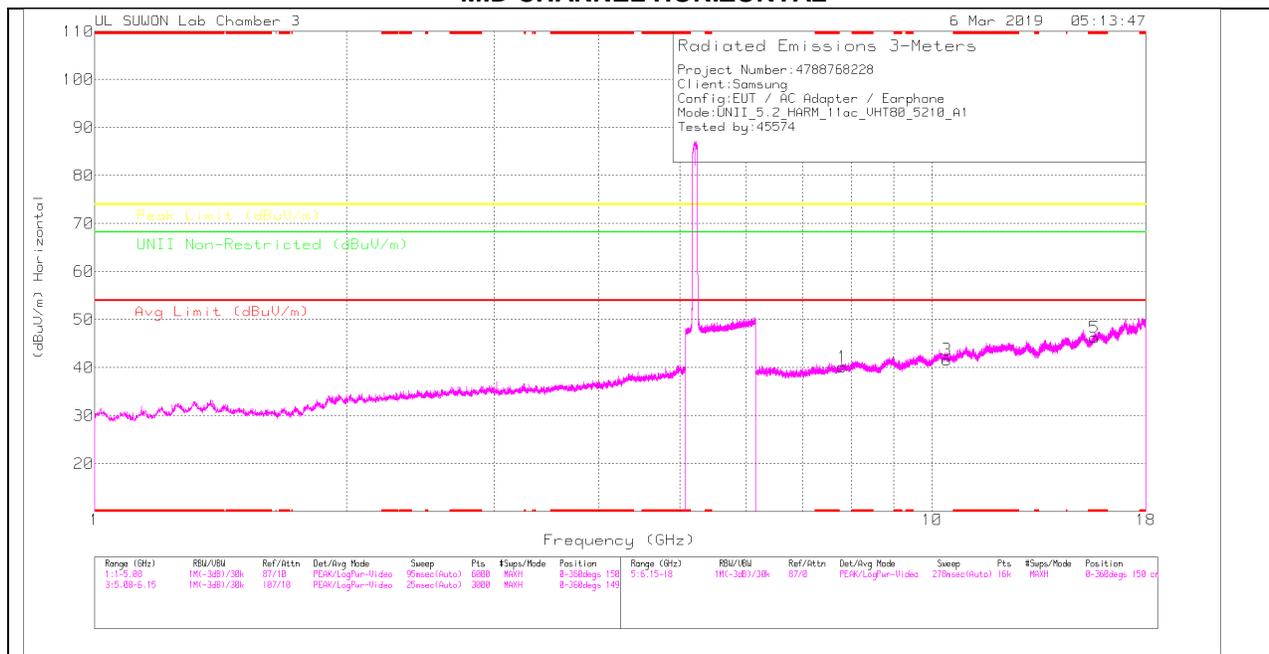
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

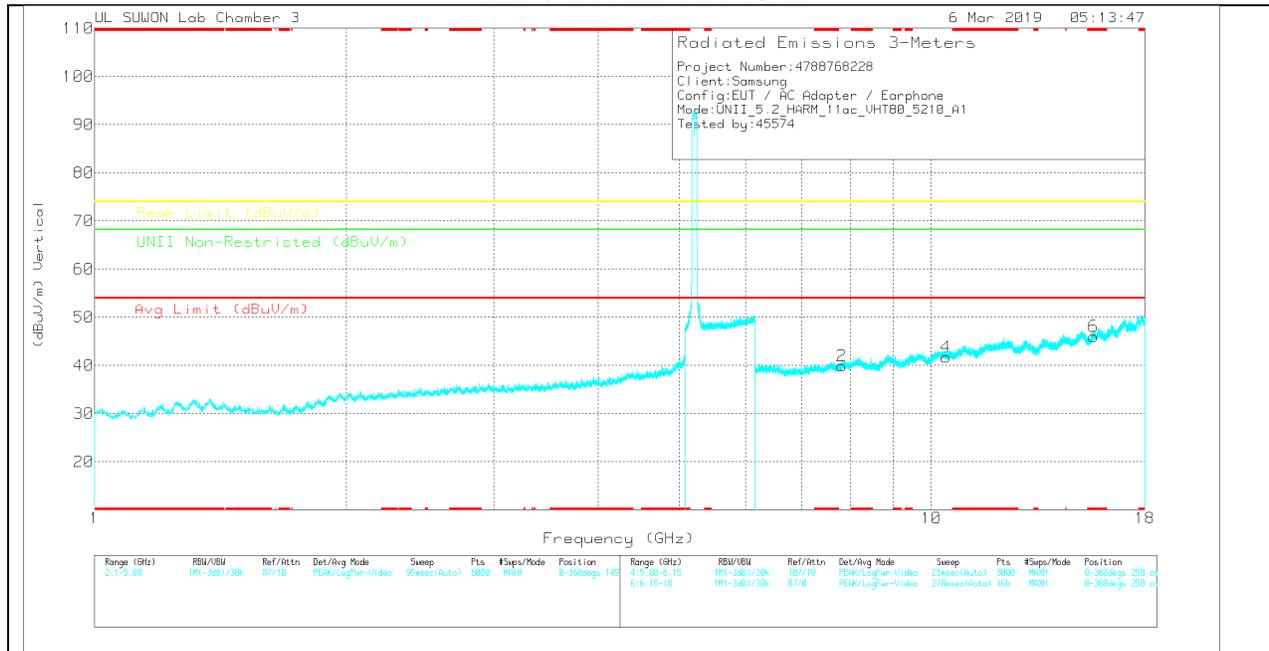
RMS - RMS detection

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

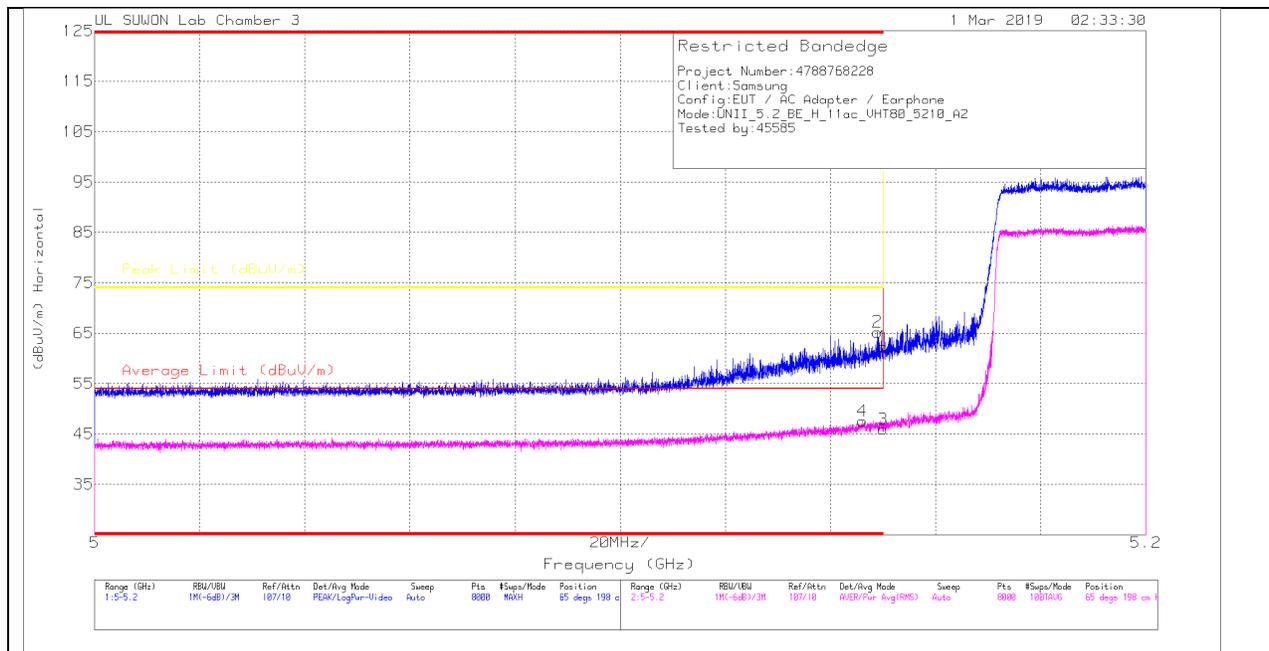
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00209599	GM1_H1(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.816	26.98	PK	35.9	-22.7	0	40.18	-	-	-	-	68.2	-28.02	0-360	250	H
3	10.421	23.47	PK	37.6	-19.4	0	41.67	-	-	-	-	68.2	-26.53	0-360	150	H
5	* 15.631	25.42	PK	40.3	-19.4	0	46.32	-	-	74	-27.68	-	-	0-360	150	H
2	7.815	26.73	PK	35.9	-22.7	0	39.93	-	-	-	-	68.2	-28.27	0-360	150	V
4	10.421	23.52	PK	37.6	-19.4	0	41.72	-	-	-	-	68.2	-26.48	0-360	250	V
6	* 15.631	25.15	PK	40.3	-19.4	0	46.05	-	-	74	-27.95	-	-	0-360	150	V

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

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

11.1.12. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT2 IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

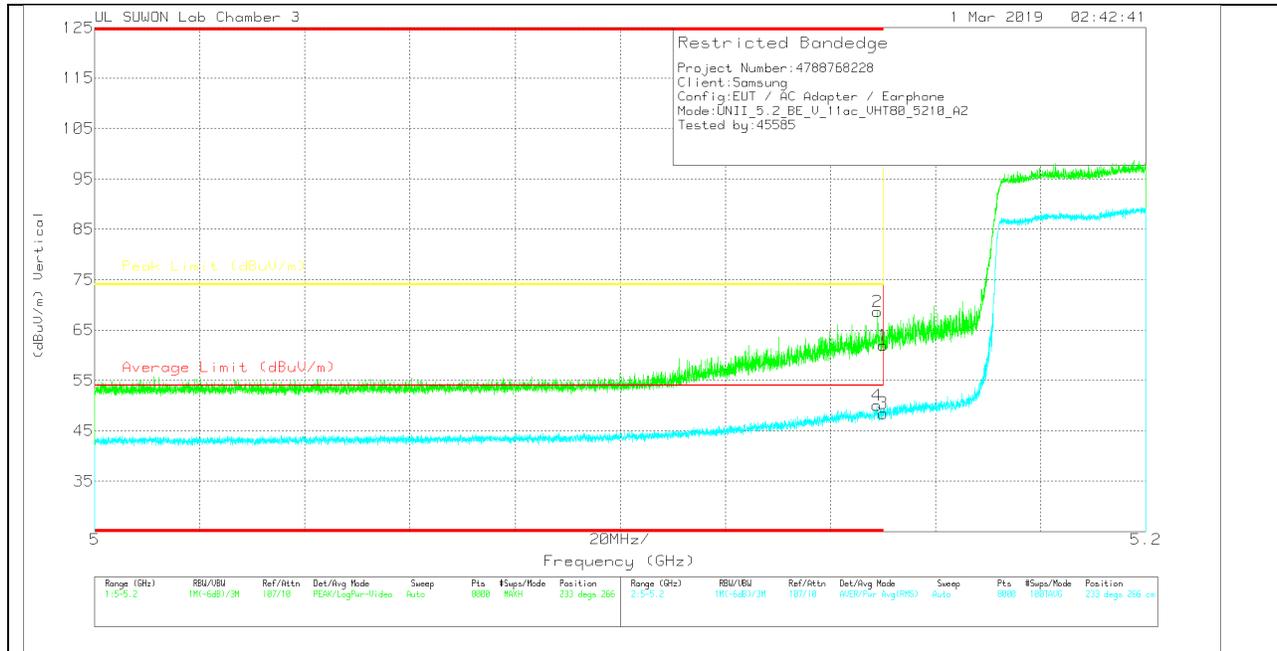
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.15	46.93	Pk	34.4	-19	0	62.33	-	-	74	-11.67	65	198	H
2	* 5.149	49.95	Pk	34.4	-19.1	0	65.25	-	-	74	-8.75	65	198	H
3	* 5.15	30.72	RMS	34.4	-19.4	.19	45.91	54	-8.09	-	-	65	198	H
4	* 5.146	32.37	RMS	34.4	-19.4	.19	47.56	54	-6.44	-	-	65	198	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

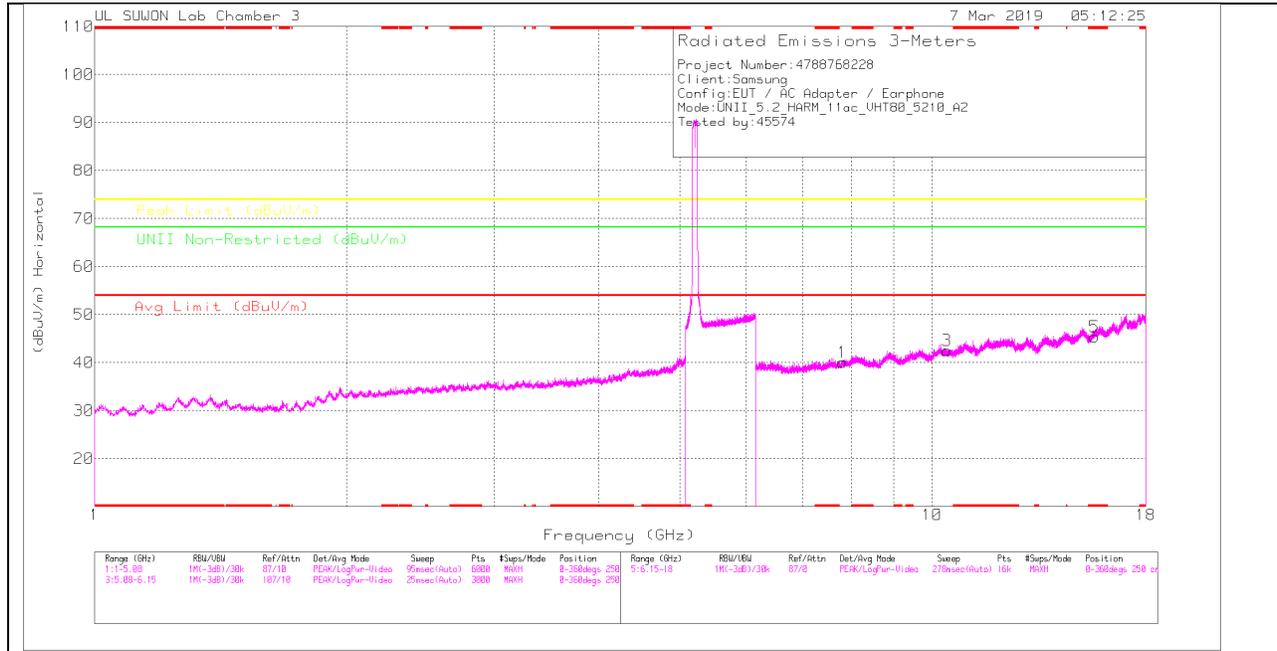
Trace Markers

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	* 5.15	46.59	Pk	34.4	-19	0	61.99	-	-	74	-12.01	233	266	V
2	* 5.149	53.35	Pk	34.4	-19.1	0	68.65	-	-	74	-5.35	233	266	V
3	* 5.15	33.1	RMS	34.4	-19.4	.39	48.49	54	-5.51	-	-	233	266	V
4	* 5.149	34.62	RMS	34.4	-19.4	.39	50.01	54	-3.99	-	-	233	266	V

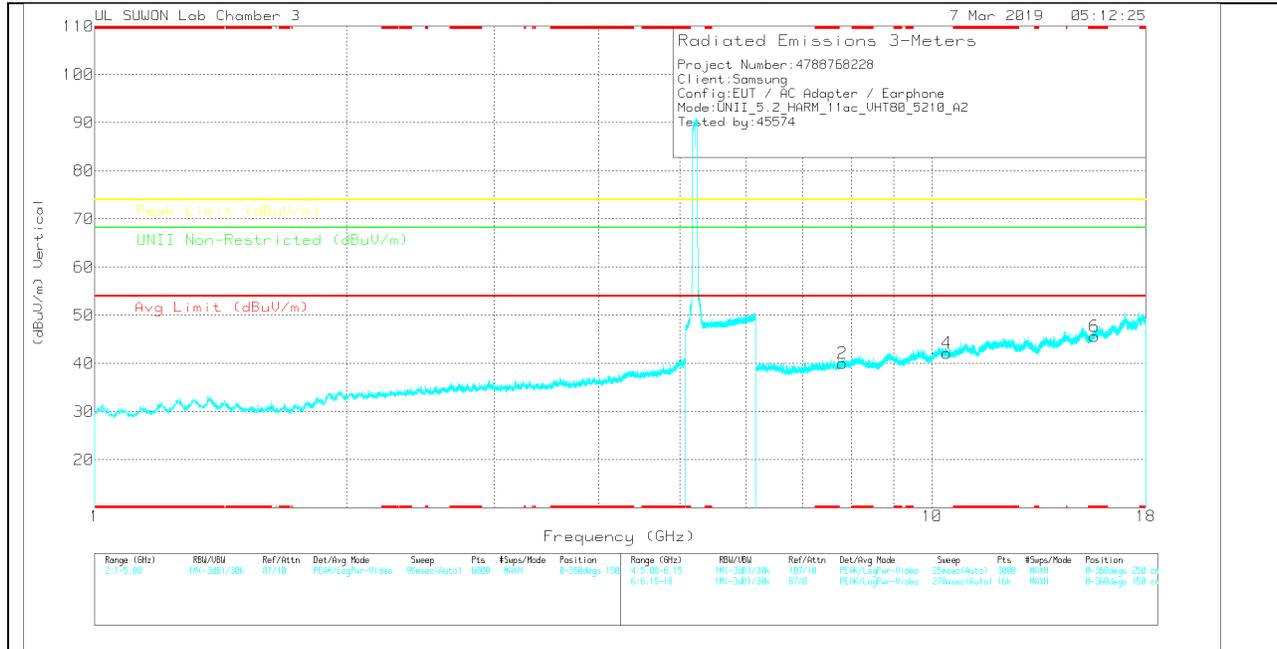
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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)	Meas Reading (dBuV)	Det	3117_00209599	GM1_H1(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	7.817	26.83	PK	35.9	-22.7	0	40.03	-	-	-	-	68.2	-28.17	0-360	250	H
3	10.42	24.34	PK	37.6	-19.4	0	42.54	-	-	-	-	68.2	-25.66	0-360	250	H
5	* 15.631	24.52	PK	40.3	-19.4	0	45.42	-	-	74	-28.58	-	-	0-360	150	H
2	7.817	26.89	PK	35.9	-22.7	0	40.09	-	-	-	-	68.2	-28.11	0-360	150	V
4	10.421	23.99	PK	37.6	-19.4	0	42.19	-	-	-	-	68.2	-26.01	0-360	150	V
6	* 15.631	24.73	PK	40.3	-19.4	0	45.63	-	-	74	-28.37	-	-	0-360	250	V

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

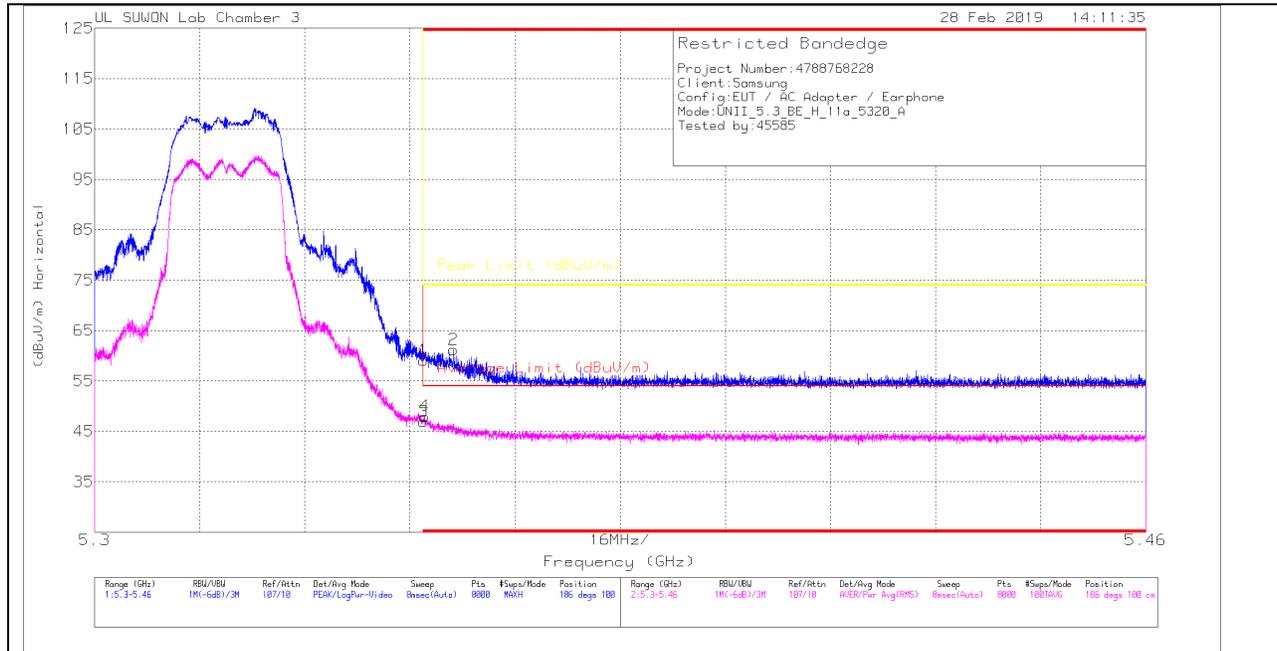
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.2. 5.3 GHz

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

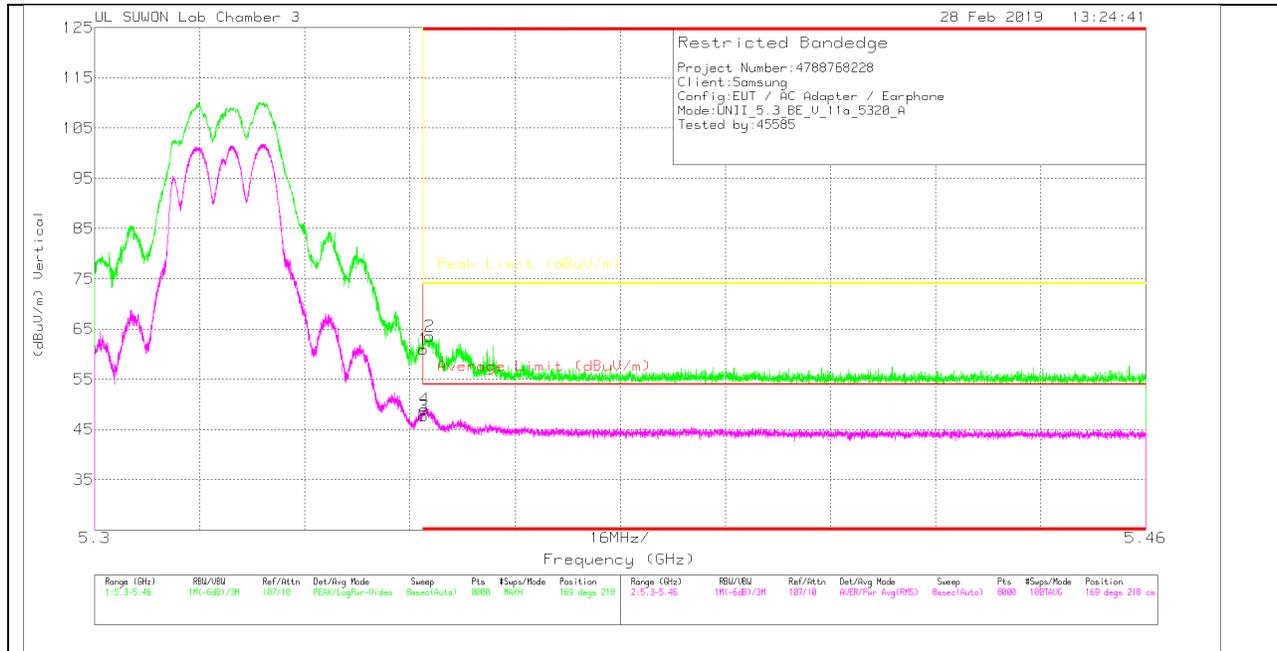
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.13	Pk	34.7	-18.7	0	59.13	-	-	74	-14.87	186	100	H
2	* 5.355	45.19	Pk	34.7	-18.7	0	61.19	-	-	74	-12.81	186	100	H
3	* 5.35	31.34	RMS	34.7	-19.1	0	46.94	54	-7.06	-	-	186	100	H
4	* 5.35	32.39	RMS	34.7	-19.1	0	47.99	54	-6.01	-	-	186	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_00209999	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	44.99	Pk	34.7	-18.7	0	60.99	-	-	74	-13.01	169	218	V
2	* 5.351	47.53	Pk	34.7	-18.7	0	63.53	-	-	74	-10.47	169	218	V
3	* 5.35	32.05	RMS	34.7	-19.1	0	47.65	54	-6.35	-	-	169	218	V
4	* 5.35	33.5	RMS	34.7	-19.1	0	49.1	54	-4.9	-	-	169	218	V

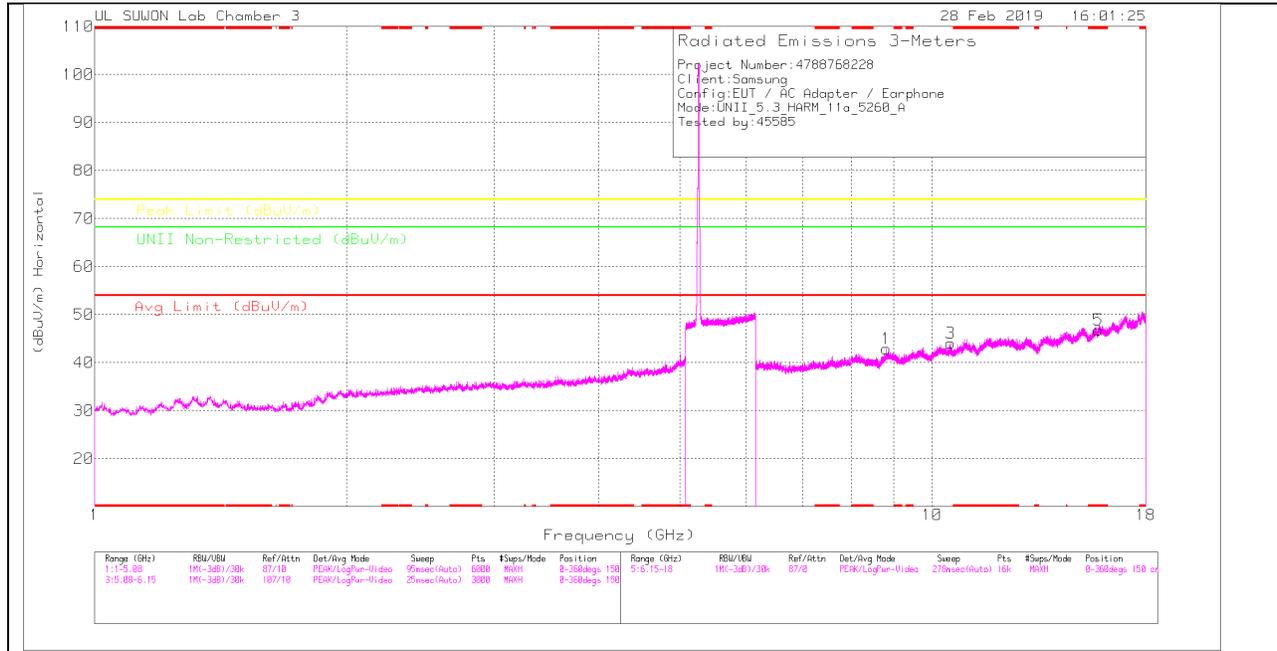
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

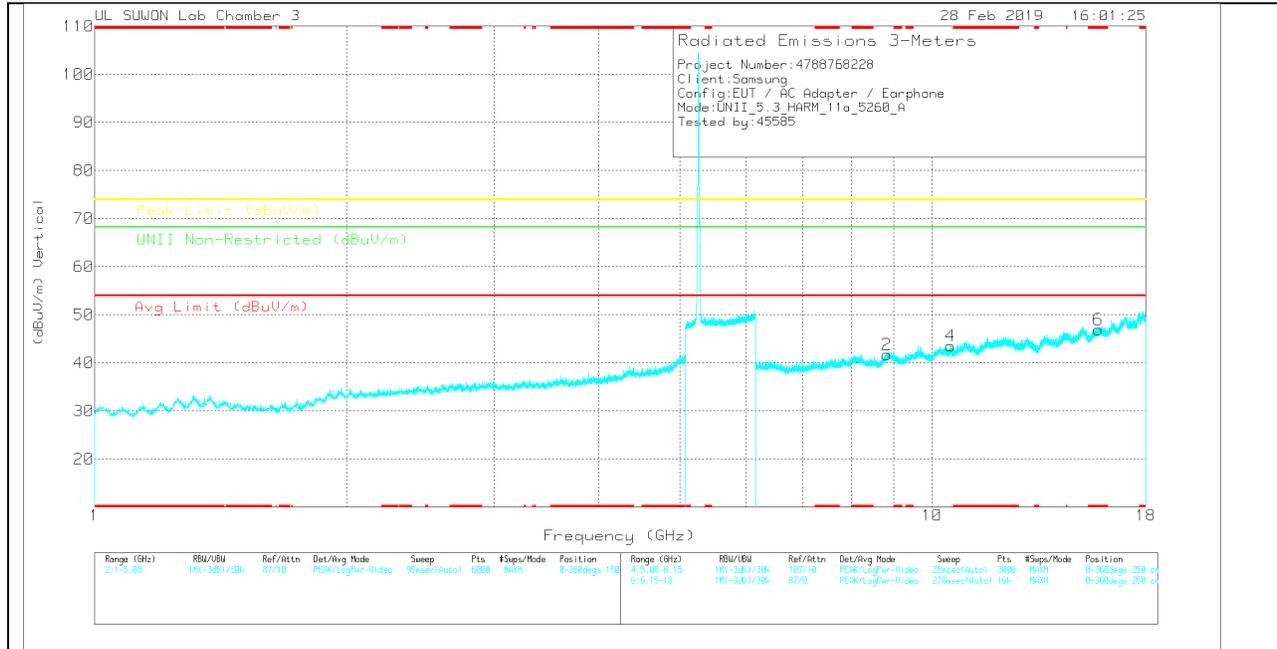
RMS - RMS detection

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

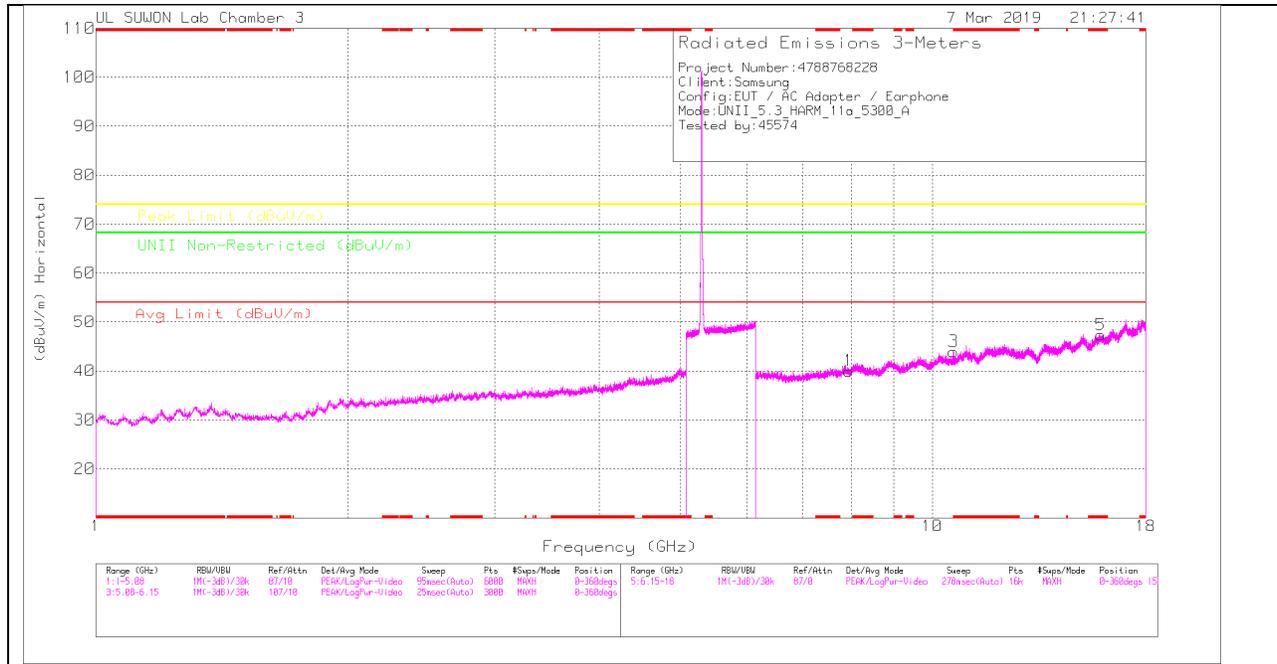
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00209599	60Hz_HR(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	8.822	27.14	PK	36.5	-20.7	0	42.94	-	-	-	-	68.2	-25.26	0-360	150	H
3	10.518	25.63	PK	37.7	-19.2	0	44.13	-	-	-	-	68.2	-24.07	0-360	250	H
5	* 15.782	25.27	PK	40.5	-19	0	46.77	-	-	74	-27.23	-	-	0-360	150	H
2	8.824	25.95	PK	36.5	-20.7	0	41.75	-	-	-	-	68.2	-26.45	0-360	250	V
4	10.524	25.02	PK	37.7	-19.2	0	43.52	-	-	-	-	68.2	-24.68	0-360	150	V
6	* 15.778	25.34	PK	40.5	-18.9	0	46.94	-	-	74	-27.06	-	-	0-360	150	V

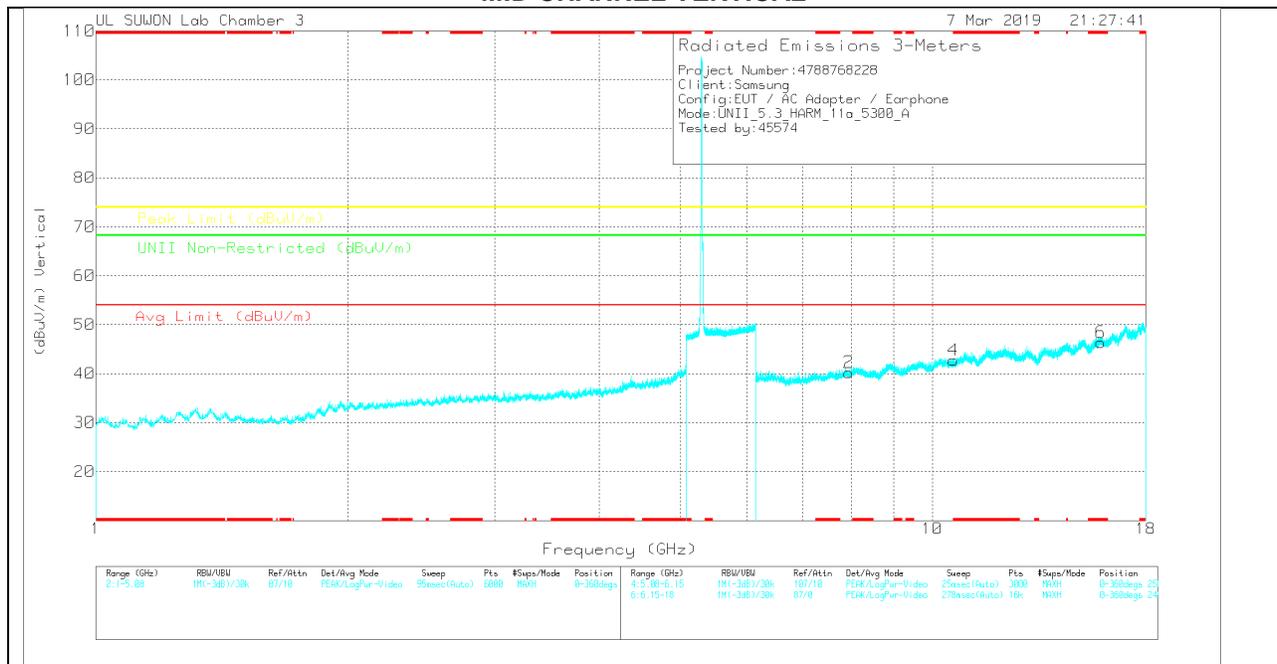
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

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

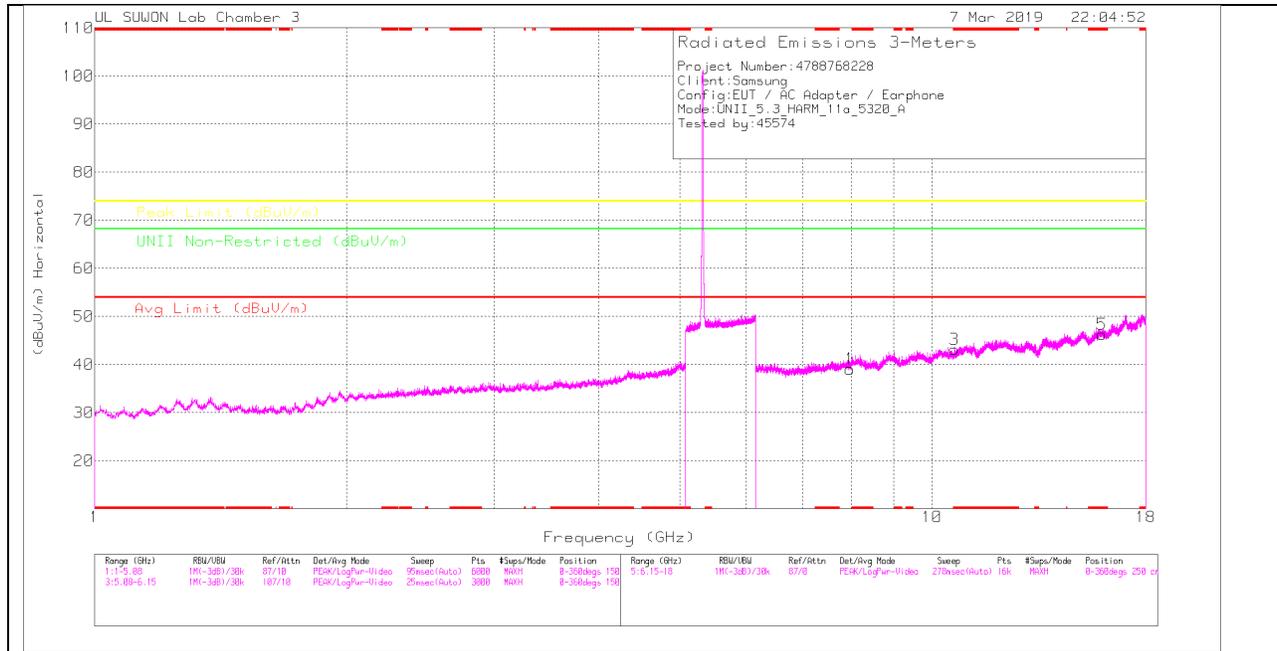
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.951	26.72	PK	36	-22.7	0	40.02	-	-	-	-	68.2	-28.18	0-360	249	H
3	* 10.602	25.57	PK	37.8	-19.4	0	43.97	-	-	74	-30.03	-	-	0-360	249	H
5	* 15.901	25.44	PK	40.6	-18.7	0	47.34	-	-	74	-26.66	-	-	0-360	249	H
2	7.951	26.96	PK	36	-22.7	0	40.26	-	-	-	-	68.2	-27.94	0-360	249	V
4	10.6	24.25	PK	37.8	-19.3	0	42.75	-	-	-	-	68.2	-25.45	0-360	249	V
6	* 15.901	24.38	PK	40.6	-18.6	0	46.38	-	-	74	-27.62	-	-	0-360	249	V

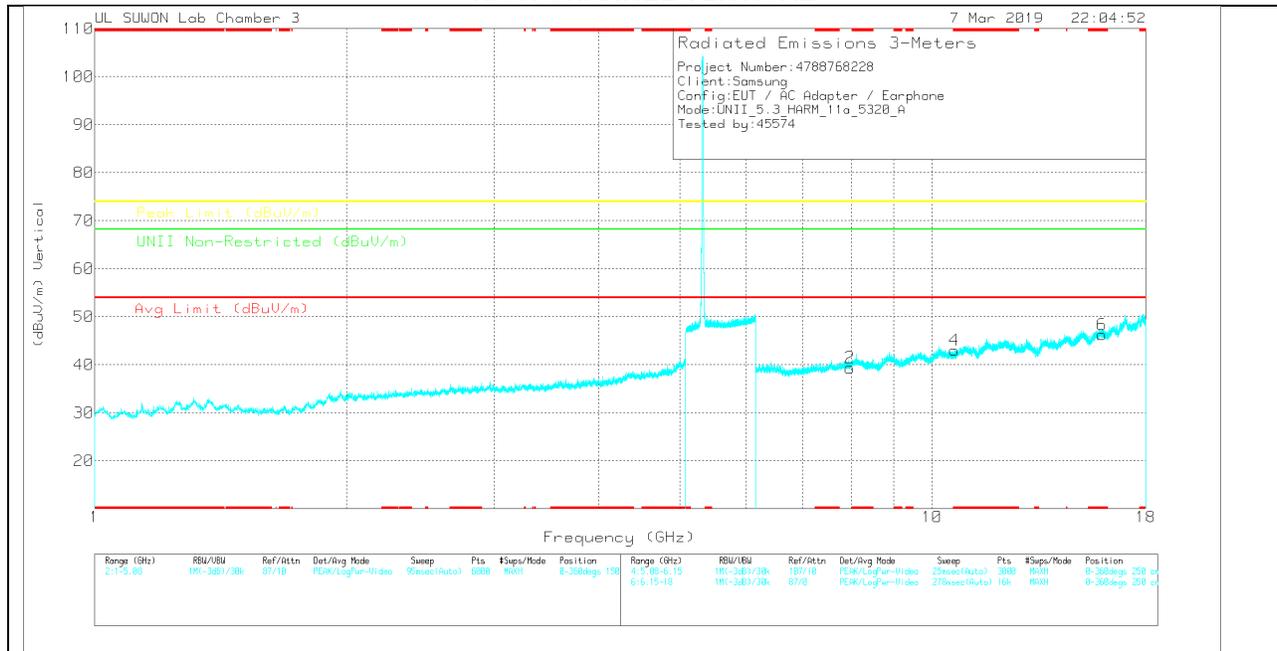
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

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

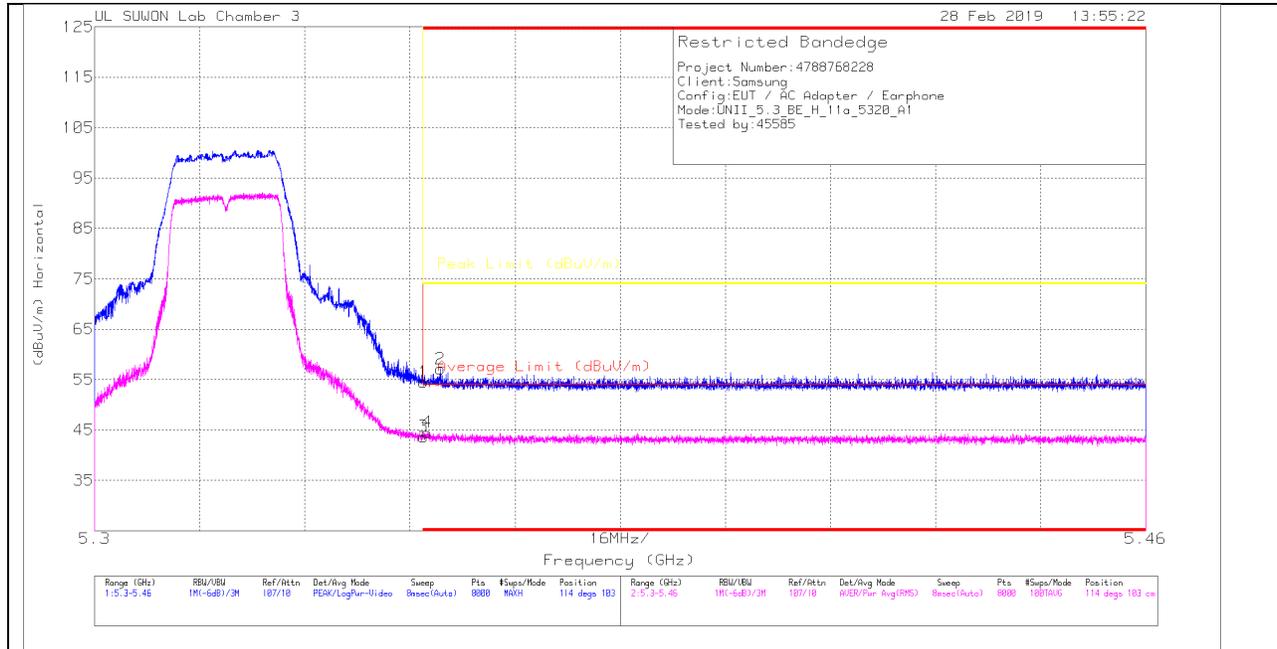
Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00209599	60Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.98	25.88	PK	36	-22.8	0	39.08	-	-	-	-	68.2	-29.12	0-360	150	H
3	* 10.641	24.63	PK	37.8	-19.3	0	43.13	-	-	74	-30.87	-	-	0-360	250	H
5	* 15.961	24.22	PK	40.7	-18.6	0	46.32	-	-	74	-27.68	-	-	0-360	150	H
2	7.98	26.14	PK	36	-22.8	0	39.34	-	-	-	-	68.2	-28.86	0-360	250	V
4	* 10.641	24.48	PK	37.8	-19.3	0	42.98	-	-	74	-31.02	-	-	0-360	250	V
6	* 15.96	24.17	PK	40.7	-18.6	0	46.27	-	-	74	-27.73	-	-	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 1 GHz 802.11a 1Tx ANT1 IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

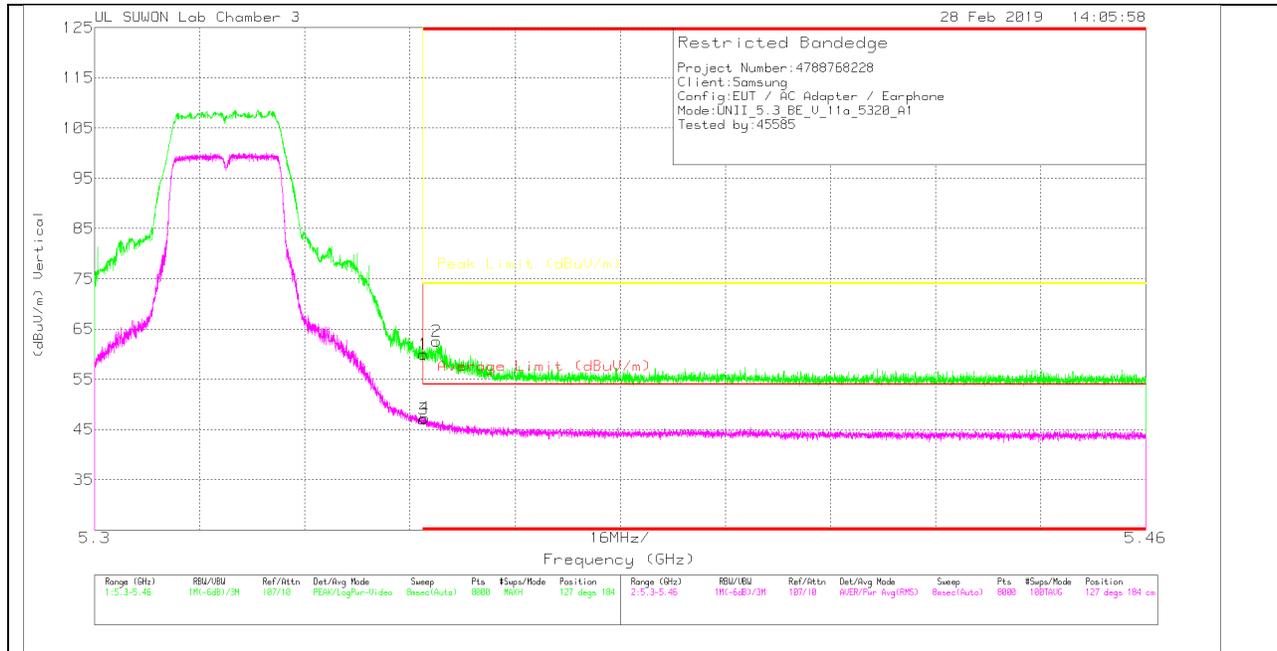
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.54	Pk	34.7	-18.7	0	54.54	-	-	74	-19.46	114	103	H
2	* 5.353	41.25	Pk	34.7	-18.8	0	57.15	-	-	74	-16.85	114	103	H
3	* 5.35	28.05	RMS	34.7	-19.1	0	43.65	54	-10.35	-	-	114	103	H
4	* 5.351	28.92	RMS	34.7	-19.1	0	44.52	54	-9.48	-	-	114	103	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_00209999	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Altitude (Deg)	Height (cm)	Polarity
1	* 5.35	44.02	Pk	34.7	-18.7	0	60.02	-	-	74	-13.98	127	184	V
2	* 5.352	46.58	Pk	34.7	-18.7	0	62.58	-	-	74	-11.42	127	184	V
3	* 5.35	31.44	RMS	34.7	-19.1	0	47.04	54	-6.96	-	-	127	184	V
4	* 5.35	31.74	RMS	34.7	-19.1	0	47.34	54	-6.66	-	-	127	184	V

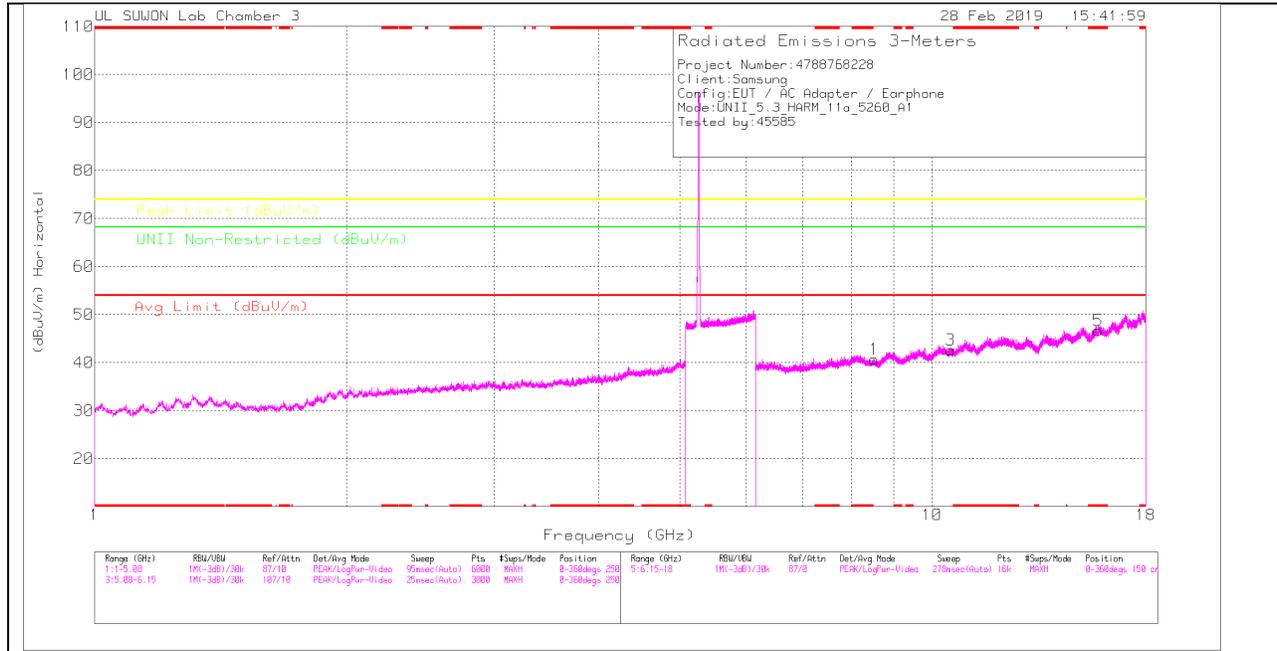
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

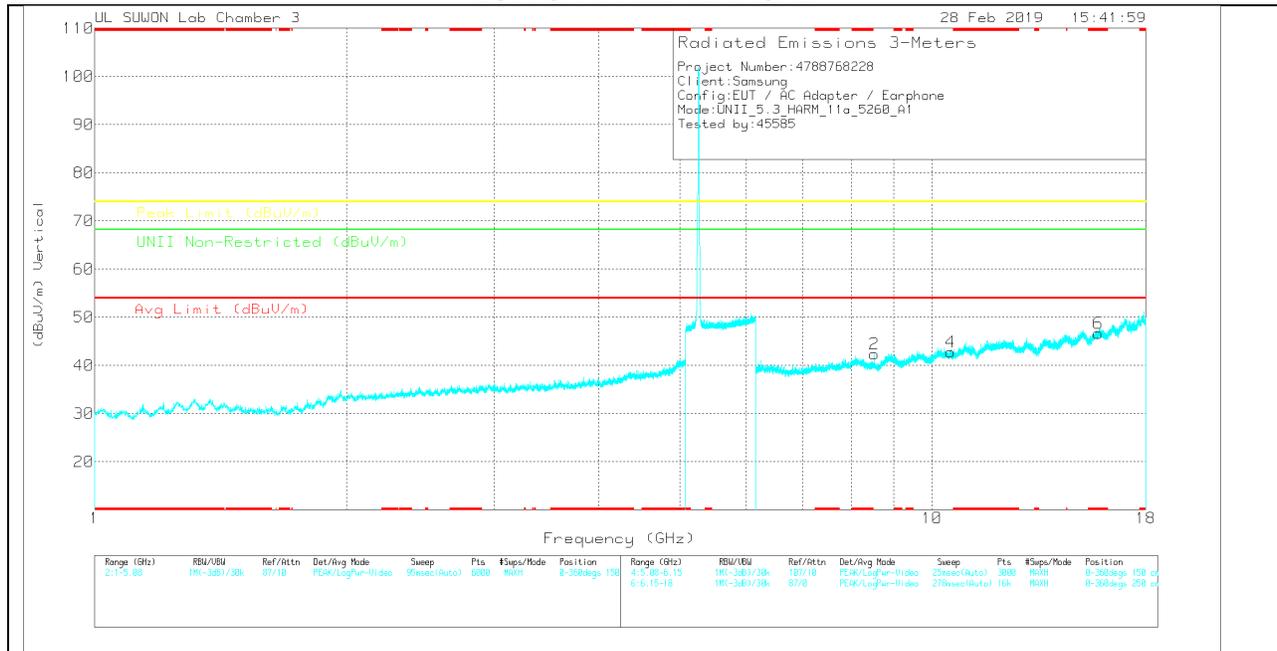
RMS - RMS detection

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

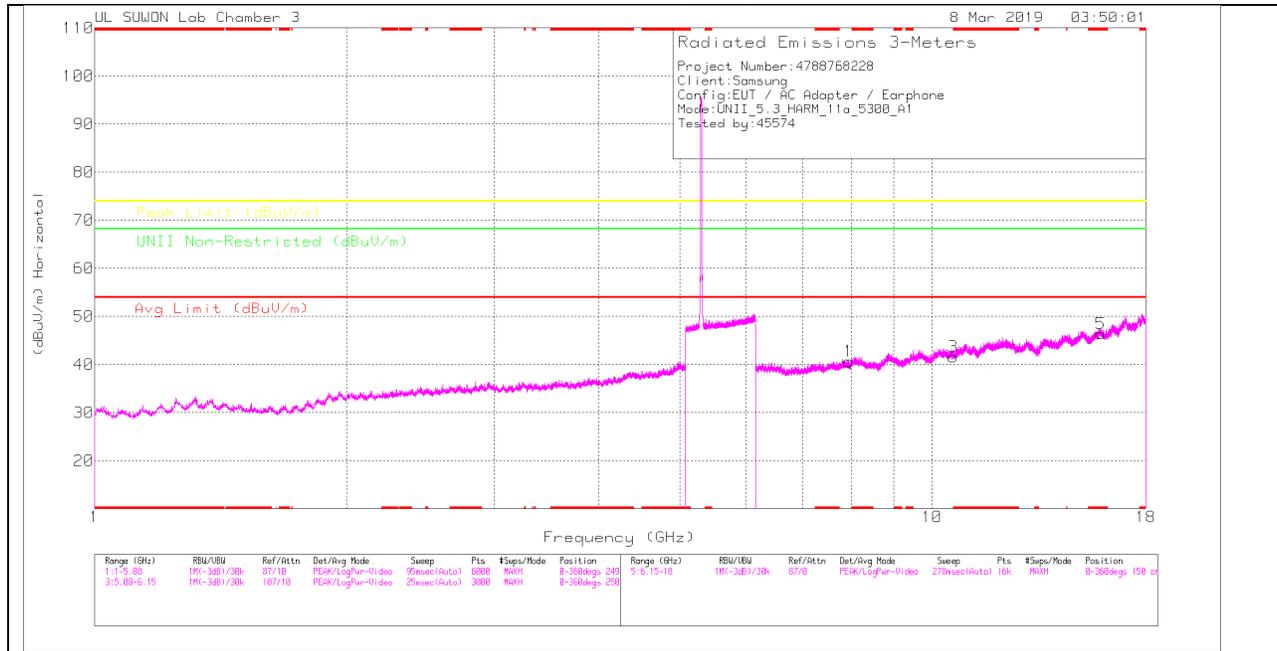
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00209599	60Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	8.533	25.76	PK	36.3	-21.4	0	40.66	-	-	-	-	68.2	-27.54	0-360	250	H
3	10.516	24.14	PK	37.7	-19.2	0	42.64	-	-	-	-	68.2	-25.56	0-360	250	H
5	* 15.788	25.17	PK	40.5	-19	0	46.67	-	-	74	-27.33	-	-	0-360	250	H
2	8.526	27.43	PK	36.3	-21.4	0	42.33	-	-	-	-	68.2	-25.87	0-360	150	V
4	10.522	24.24	PK	37.7	-19.2	0	42.74	-	-	-	-	68.2	-25.46	0-360	250	V
6	* 15.785	25.16	PK	40.5	-19	0	46.66	-	-	74	-27.34	-	-	0-360	250	V

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

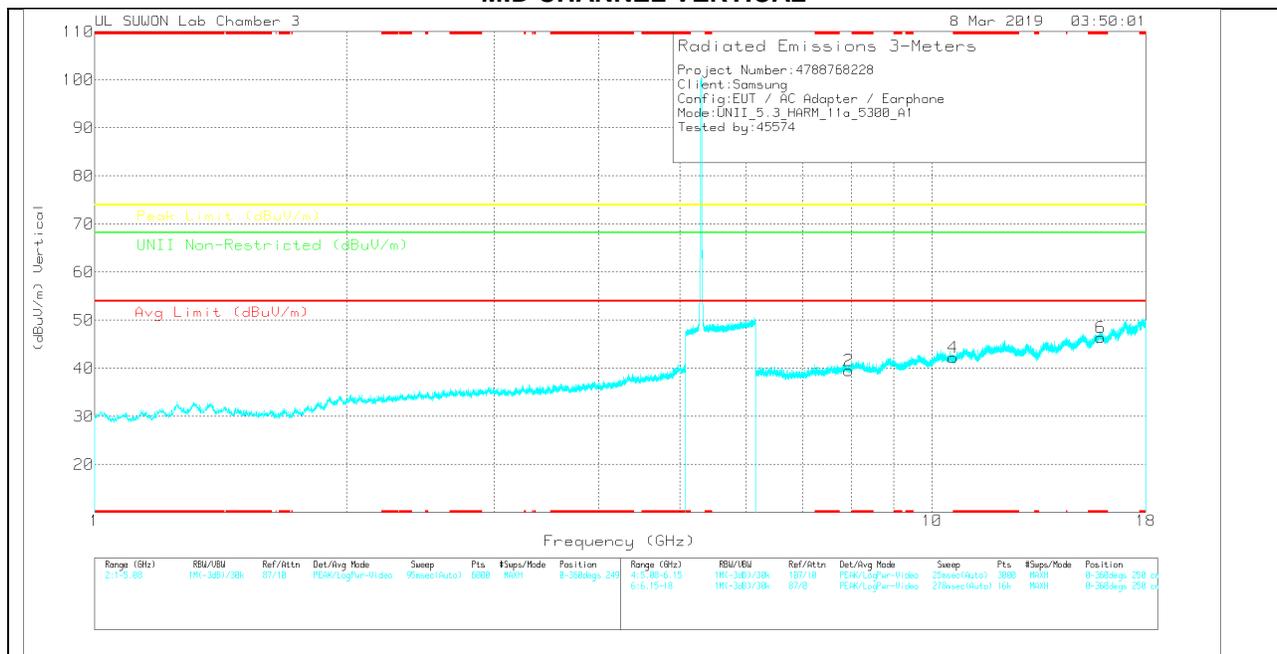
PK – Peak Detector

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

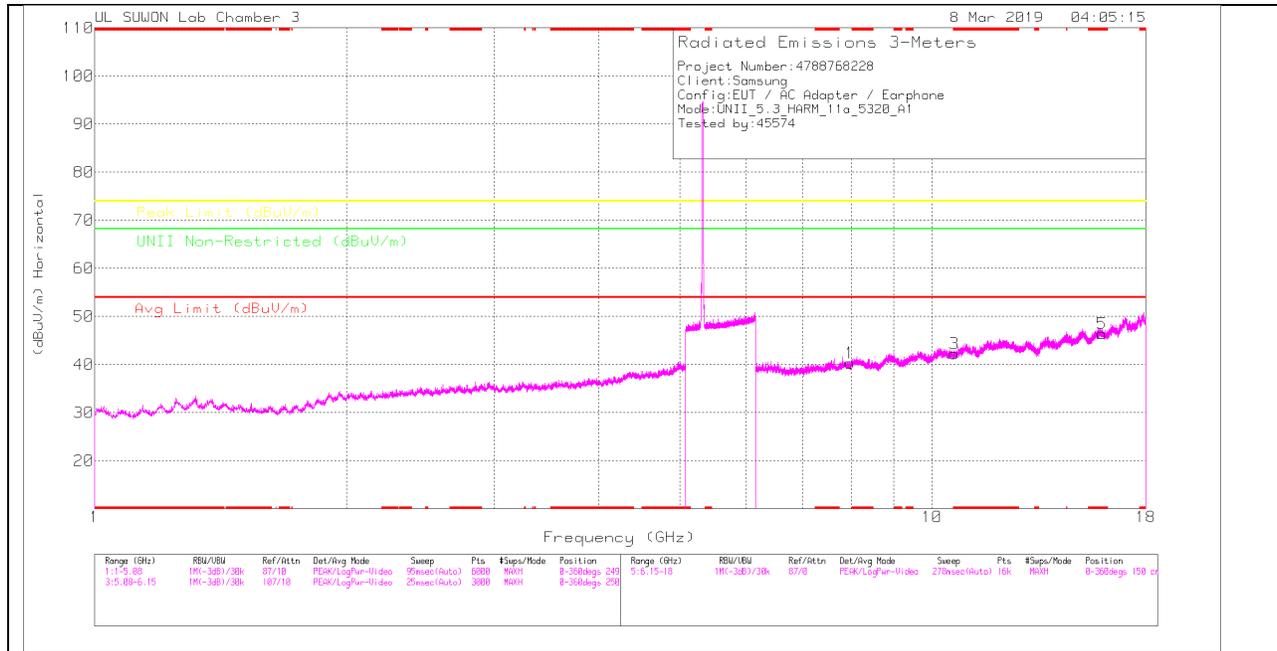
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.951	27.34	PK	36	-22.7	0	40.64	-	-	-	-	68.2	-27.56	0-360	250	H
3	* 10.601	23.14	PK	37.8	-19.3	0	41.64	-	-	74	-32.36	-	-	0-360	150	H
5	* 15.9	24.39	PK	40.6	-18.6	0	46.39	-	-	74	-27.61	-	-	0-360	250	H
2	7.951	26.29	PK	36	-22.7	0	39.59	-	-	-	-	68.2	-28.61	0-360	150	V
4	* 10.601	23.72	PK	37.8	-19.3	0	42.22	-	-	74	-31.78	-	-	0-360	250	V
6	* 15.9	24.42	PK	40.6	-18.6	0	46.42	-	-	74	-27.58	-	-	0-360	150	V

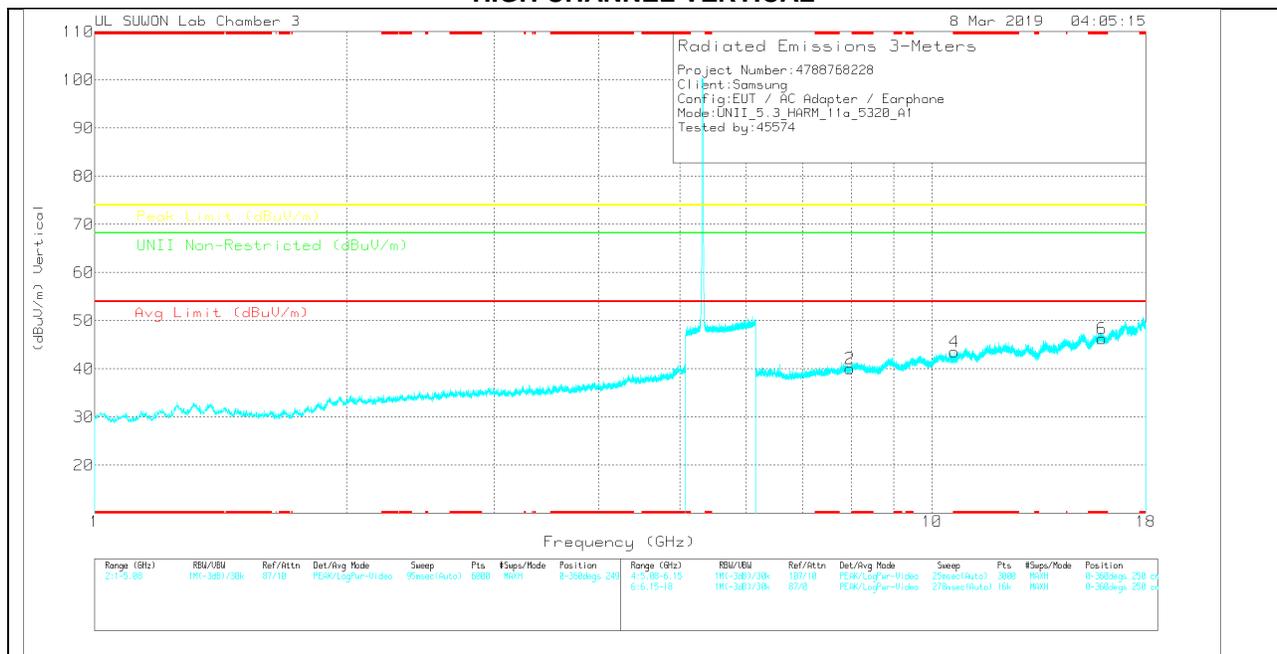
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

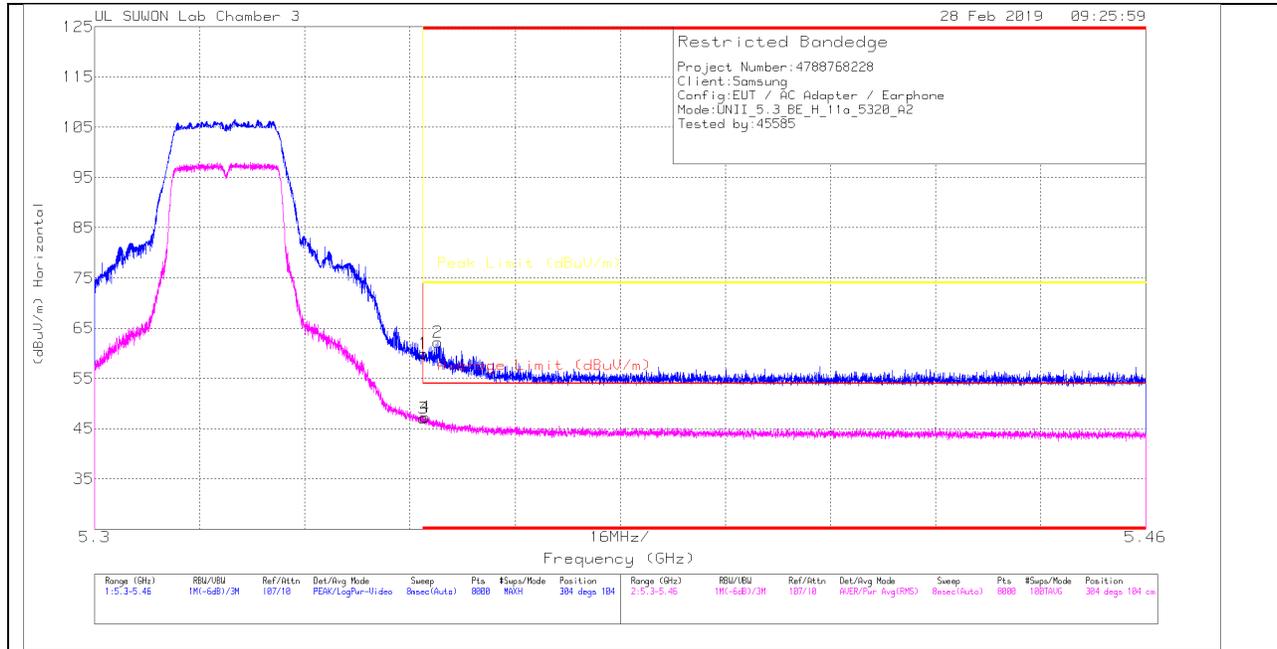
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00205959	GM1_H1(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.98	27.09	PK	36	-22.8	0	40.29	-	-	-	-	68.2	-27.91	0-360	250	H
3	* 10.64	23.67	PK	37.8	-19.2	0	42.27	-	-	74	-31.73	-	-	0-360	150	H
5	* 15.961	24.35	PK	40.7	-18.6	0	46.45	-	-	74	-27.55	-	-	0-360	150	H
2	7.982	26.85	PK	36	-22.8	0	40.05	-	-	-	-	68.2	-28.15	0-360	250	V
4	* 10.64	24.99	PK	37.8	-19.2	0	43.59	-	-	74	-30.41	-	-	0-360	150	V
6	* 15.961	24.13	PK	40.7	-18.6	0	46.23	-	-	74	-27.77	-	-	0-360	250	V

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

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

11.2.3.TX ABOVE 1 GHz 802.11a 1Tx ANT2 IN THE 5.3 GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

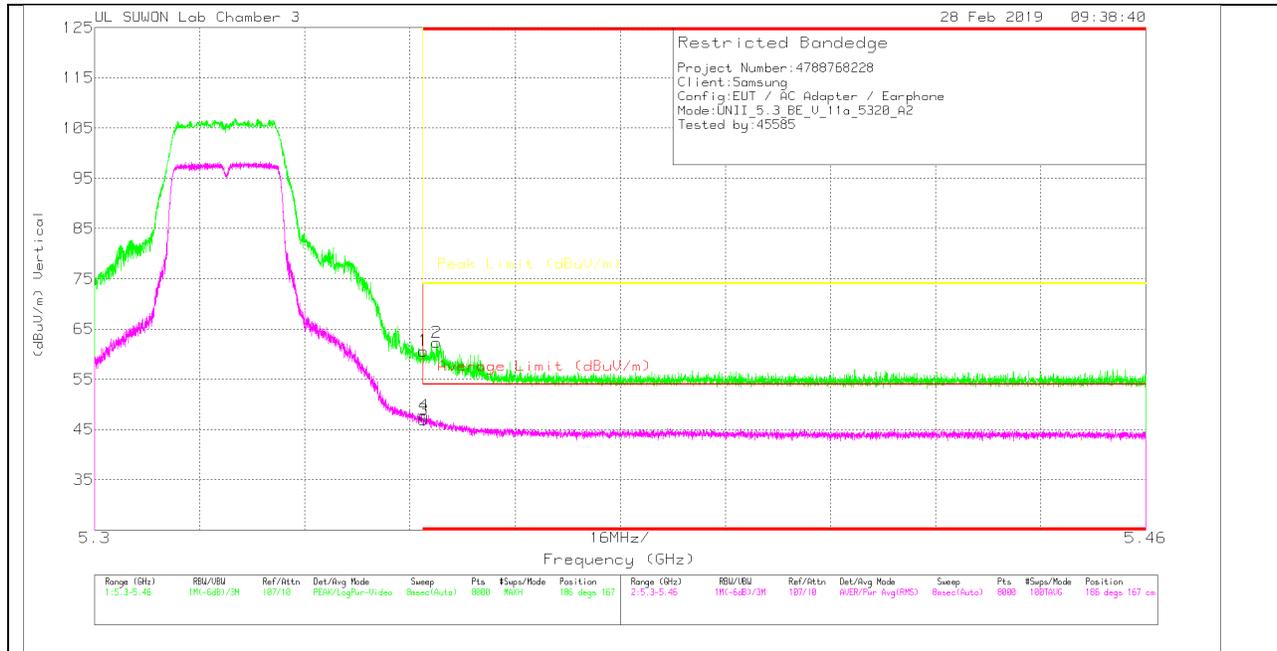
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.92	Pk	34.7	-18.7	0	59.92	-	-	74	-14.08	304	104	H
2	* 5.352	46.18	Pk	34.7	-18.7	0	62.18	-	-	74	-11.82	304	104	H
3	* 5.35	31.46	RMS	34.7	-19.1	0	47.06	54	-6.94	-	-	304	104	H
4	* 5.35	31.69	RMS	34.7	-19.1	0	47.29	54	-6.71	-	-	304	104	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_00209999	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	44.66	PK	34.7	-18.7	0	60.66	-	-	74	-13.34	186	167	V
2	* 5.352	46.31	PK	34.7	-18.7	0	62.31	-	-	74	-11.69	186	167	V
3	* 5.35	31.31	RMS	34.7	-19.1	0	46.91	54	-7.09	-	-	186	167	V
4	* 5.35	32.16	RMS	34.7	-19.1	0	47.76	54	-6.24	-	-	186	167	V

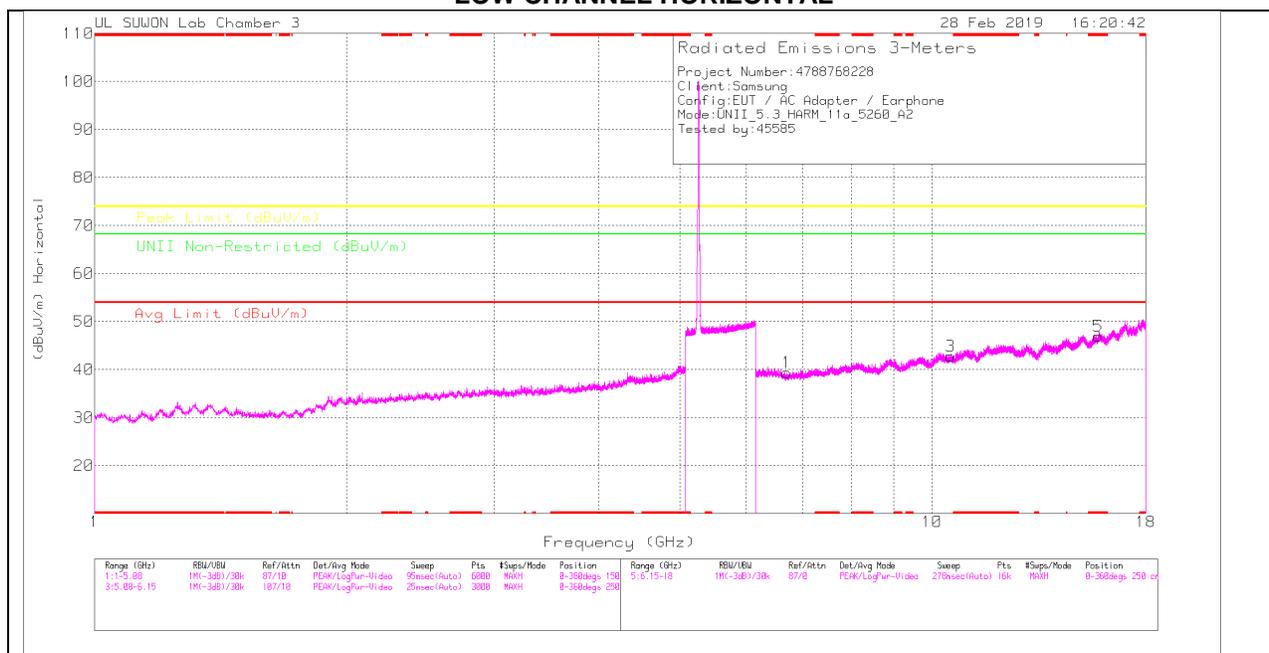
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

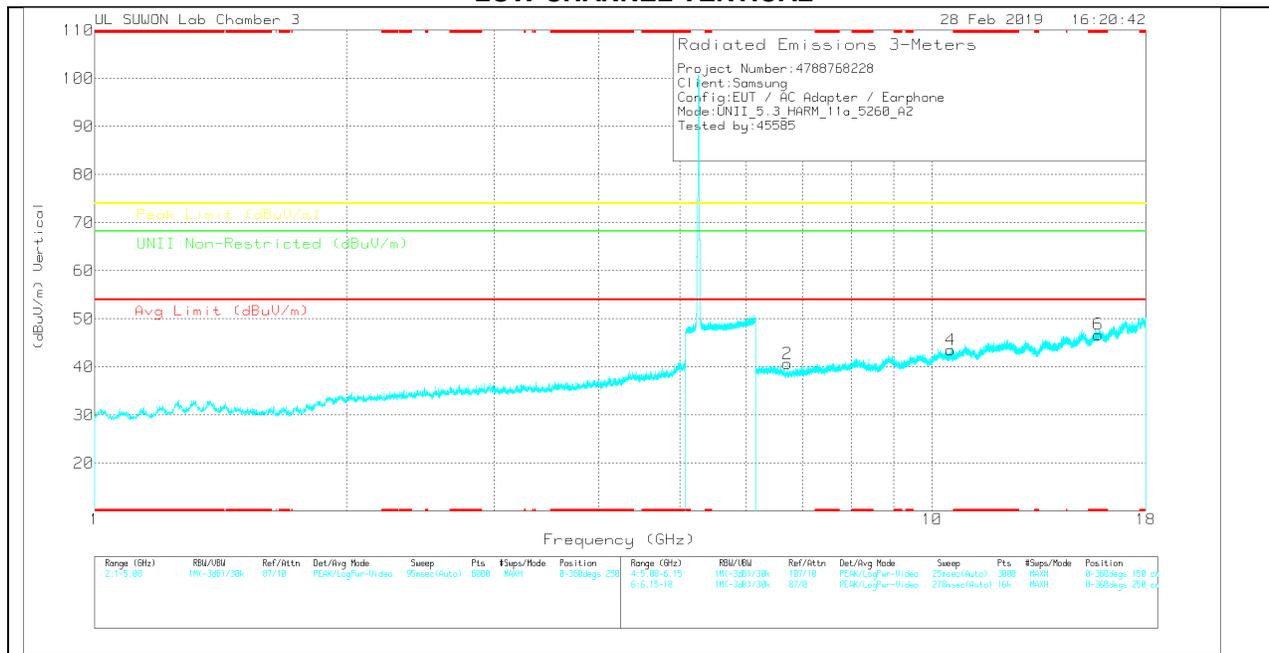
RMS - RMS detection

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

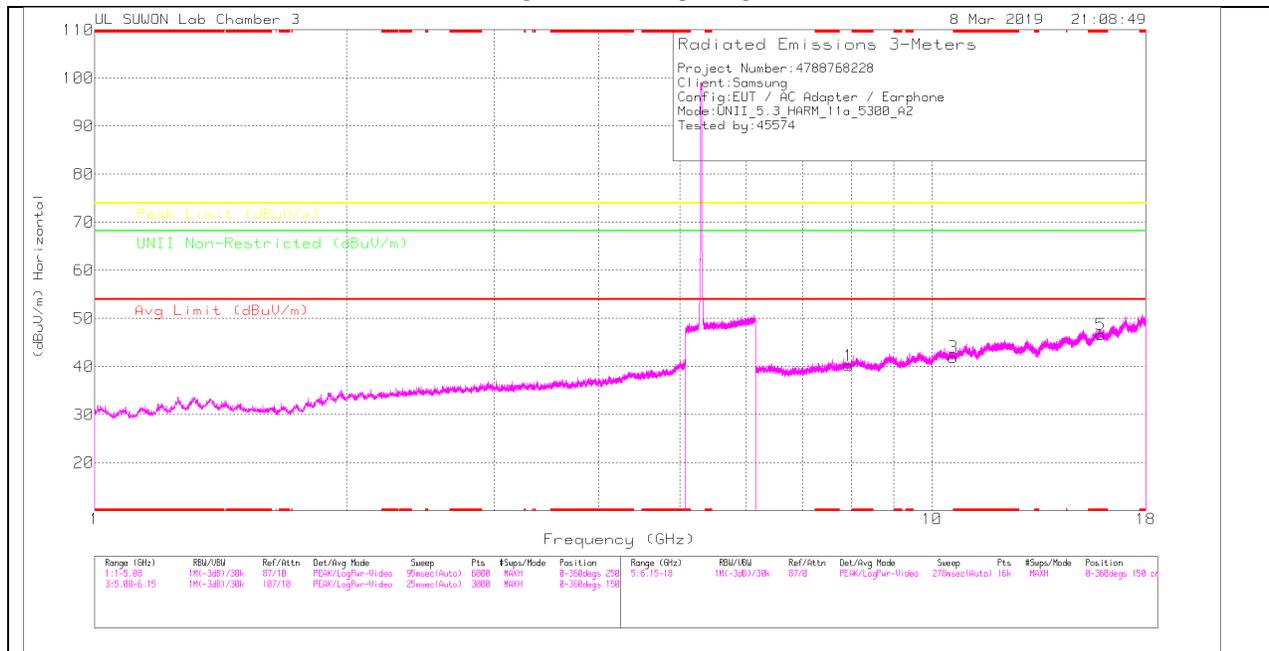
Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00209599	60Hz_HR(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	6.708	29.16	PK	35.5	-25.3	0	39.36	-	-	-	-	68.2	-28.84	0-360	250	H
3	10.527	24.27	PK	37.7	-19.2	0	42.77	-	-	-	-	68.2	-25.43	0-360	150	H
5	* 15.786	25.47	PK	40.5	-19	0	46.97	-	-	74	-27.03	-	-	0-360	250	H
2	6.716	30.36	PK	35.5	-25.2	0	40.66	-	-	-	-	68.2	-27.54	0-360	150	V
4	10.526	25.09	PK	37.7	-19.2	0	43.59	-	-	-	-	68.2	-24.61	0-360	250	V
6	* 15.783	25.24	PK	40.5	-19	0	46.74	-	-	74	-27.26	-	-	0-360	150	V

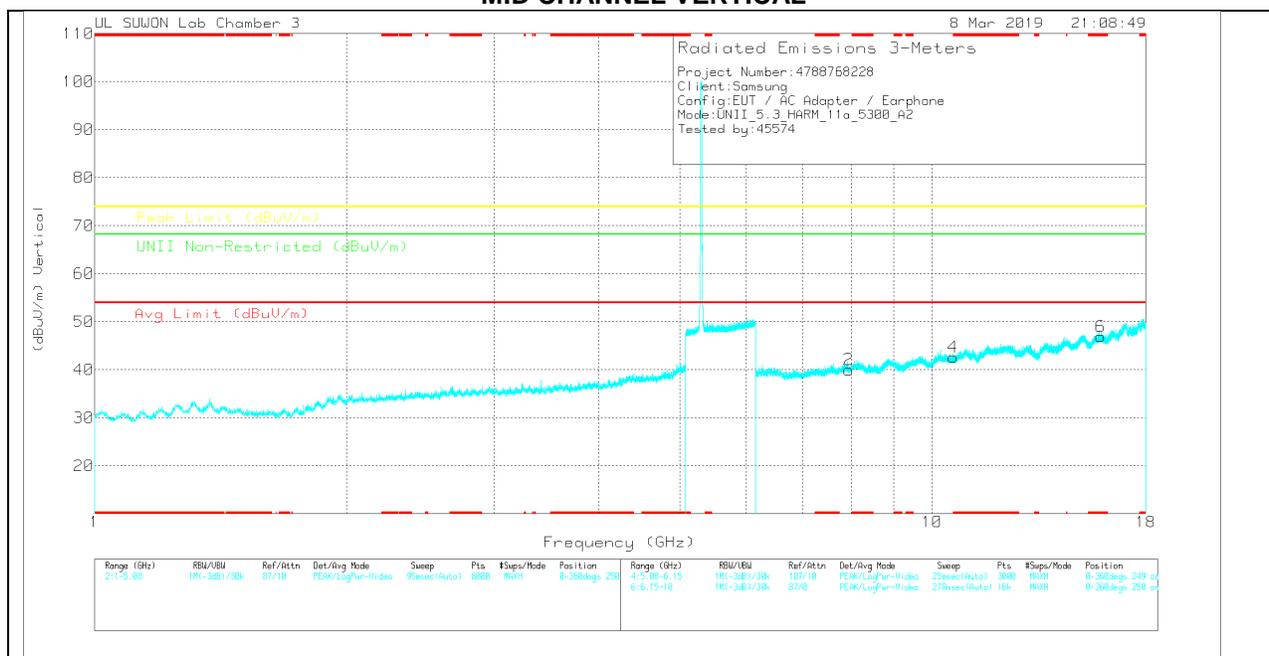
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

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

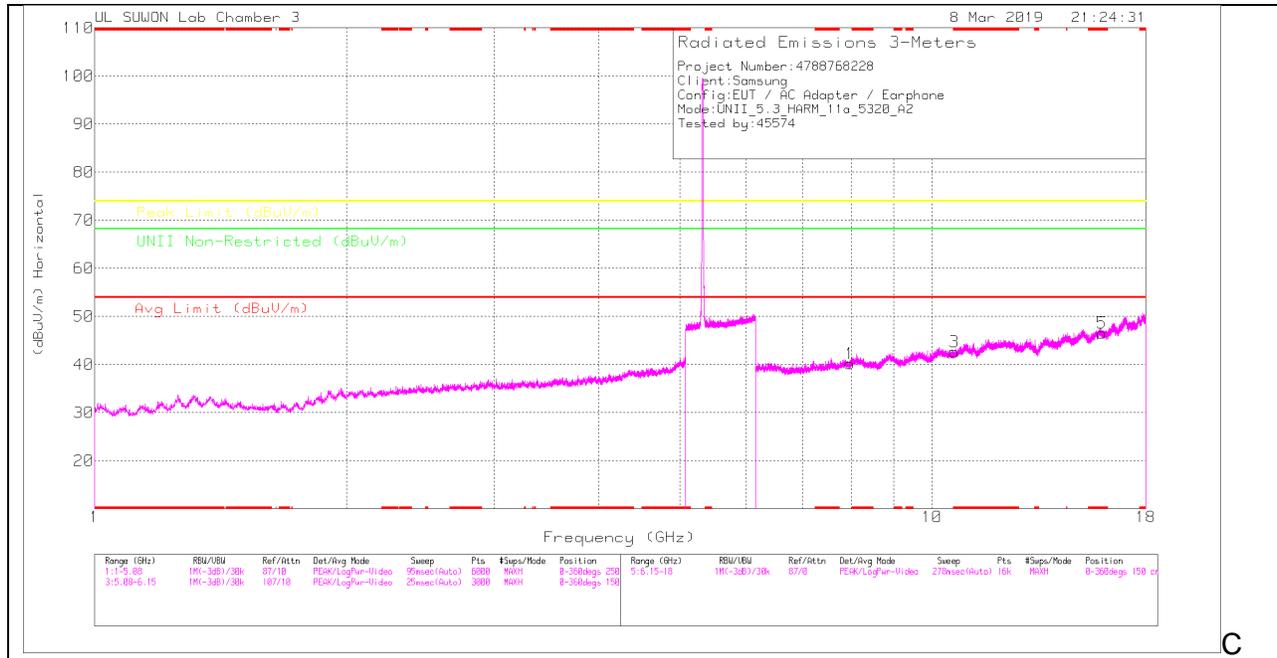
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.951	26.85	PK	36	-22.7	0	40.15	-	-	-	-	68.2	-28.05	0-360	150	H
3	* 10.601	23.43	PK	37.8	-19.3	0	41.93	-	-	74	-32.07	-	-	0-360	250	H
5	* 15.901	24.78	PK	40.6	-18.7	0	46.68	-	-	74	-27.32	-	-	0-360	150	H
2	7.951	26.69	PK	36	-22.7	0	39.99	-	-	-	-	68.2	-28.21	0-360	150	V
4	10.6	24.18	PK	37.8	-19.3	0	42.68	-	-	-	-	68.2	-25.52	0-360	150	V
6	* 15.901	25.01	PK	40.6	-18.7	0	46.91	-	-	74	-27.09	-	-	0-360	150	V

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

PK – Peak detector

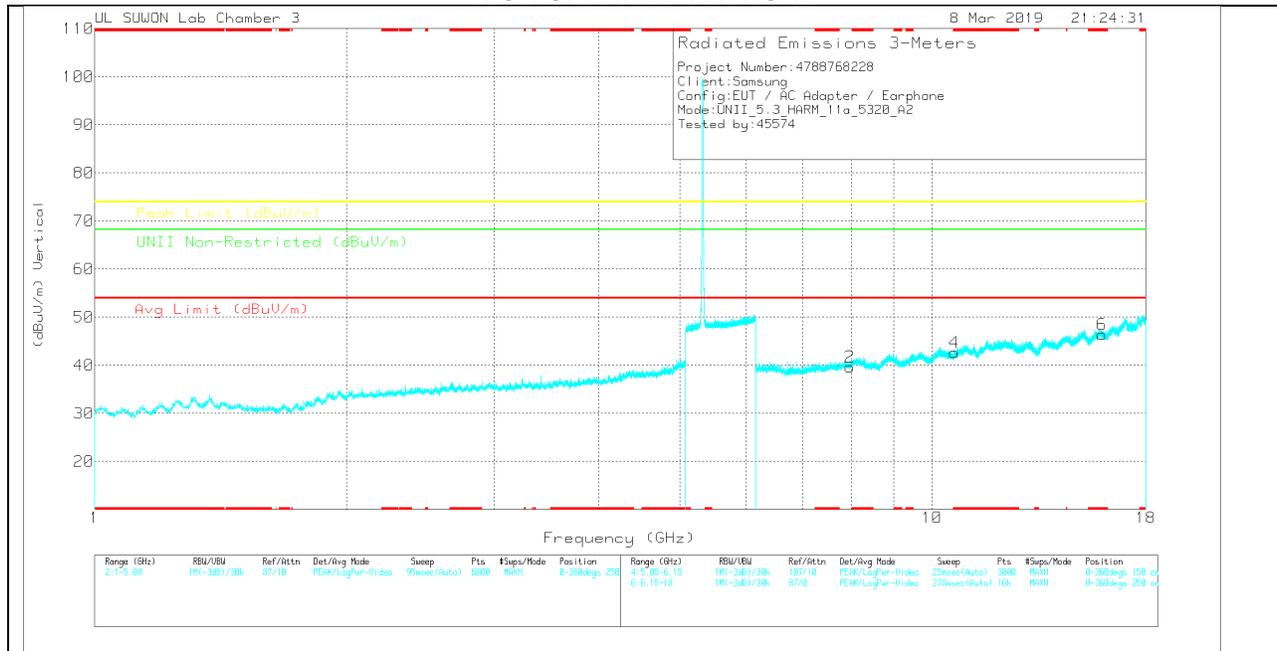
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

HIGH CHANNEL HORIZONTAL



C

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_0020999	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)	Azimuth (Degs)	Height (cm)	Polarity
1	7.981	26.99	PK	36	-22.8	0	40.19	-	-	-	-	68.2	-28.01	0-360	150	H
3	*10.64	24.01	PK	37.8	-19.2	0	42.61	-	-	74	-31.39	-	-	0-360	150	H
5	*15.96	24.43	PK	40.7	-18.6	0	46.53	-	-	74	-27.47	-	-	0-360	250	H
2	7.981	26.52	PK	36	-22.8	0	39.72	-	-	-	-	68.2	-28.48	0-360	250	V
4	*10.64	24.05	PK	37.8	-19.2	0	42.65	-	-	74	-31.35	-	-	0-360	250	V
6	*15.96	24.37	PK	40.7	-18.6	0	46.47	-	-	74	-27.53	-	-	0-360	250	V

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

PK – Peak detector

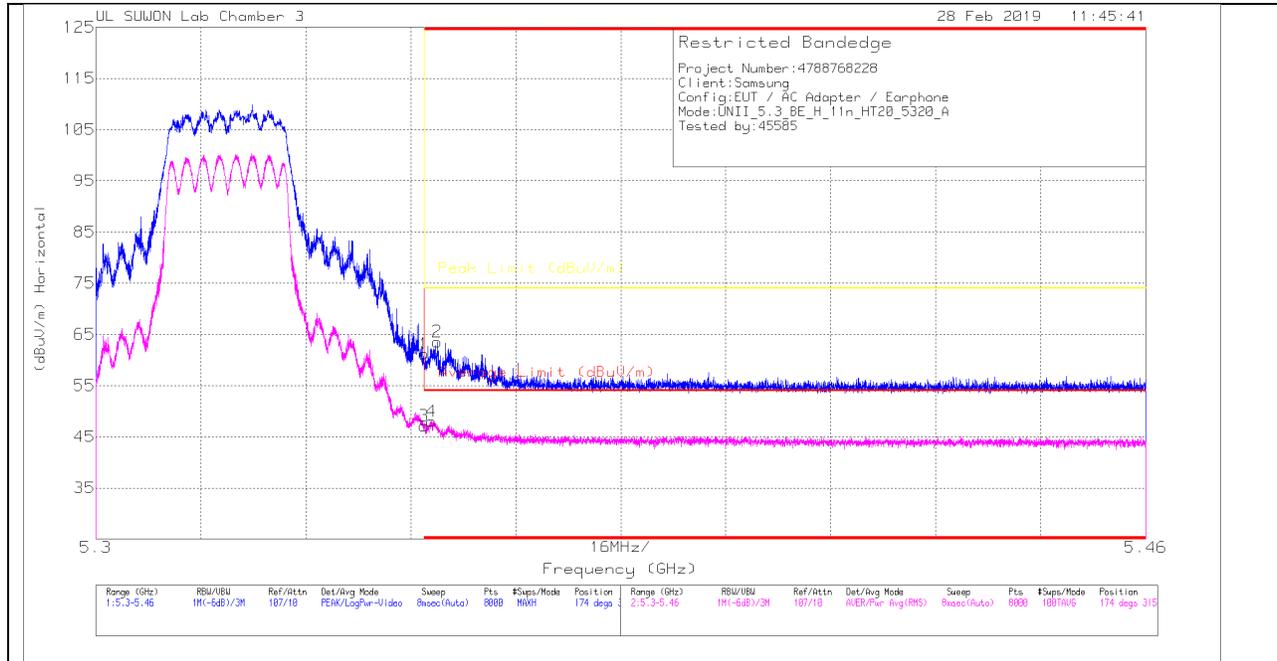
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

C

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

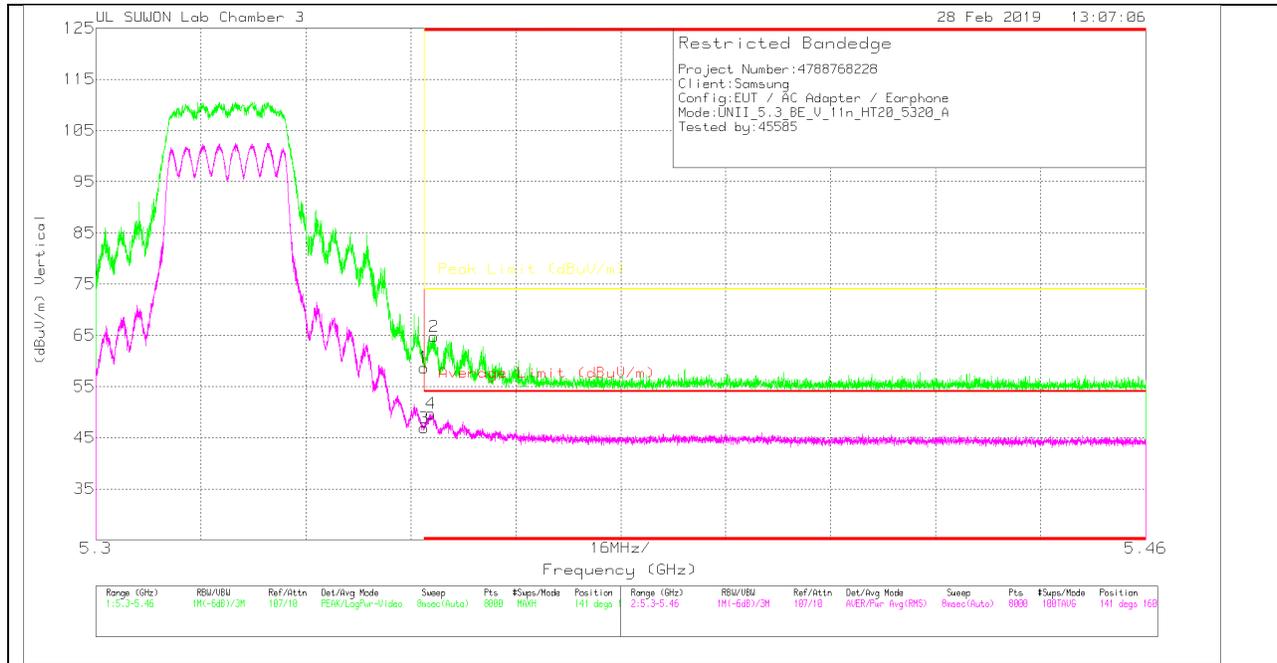
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209959	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.17	Pk	34.7	-18.7	0	61.17	-	-	74	-12.83	174	315	H
2	* 5.352	47.56	Pk	34.7	-18.7	0	63.56	-	-	74	-10.44	174	315	H
3	* 5.35	31.44	RMS	34.7	-19.1	.09	47.13	54	-6.87	-	-	174	315	H
4	* 5.351	32.32	RMS	34.7	-19.1	.09	48.01	54	-5.99	-	-	174	315	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

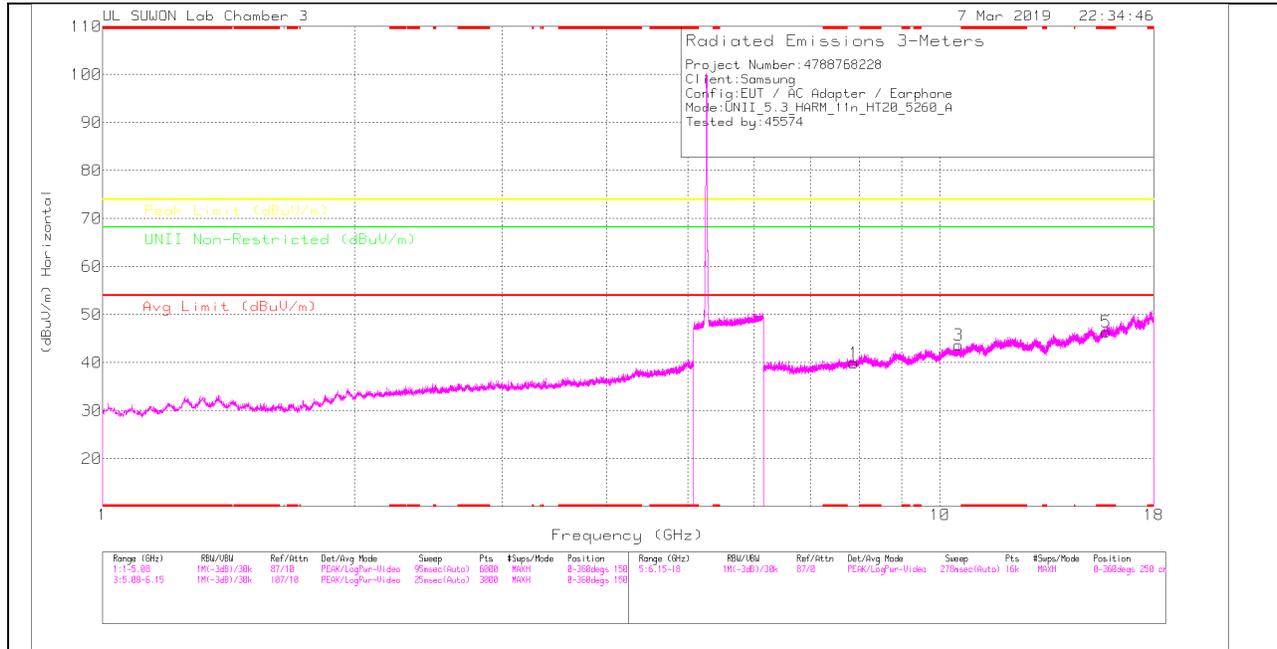
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209559	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	42.69	Pk	34.7	-18.7	0	58.69	-	-	74	-15.31	141	160	V
2	* 5.352	48.75	Pk	34.7	-18.7	0	64.75	-	-	74	-9.25	141	160	V
3	* 5.35	31.2	RMS	34.7	-19.1	.09	46.89	54	-7.11	-	-	141	160	V
4	* 5.351	33.97	RMS	34.7	-19.1	.09	49.66	54	-4.34	-	-	141	160	V

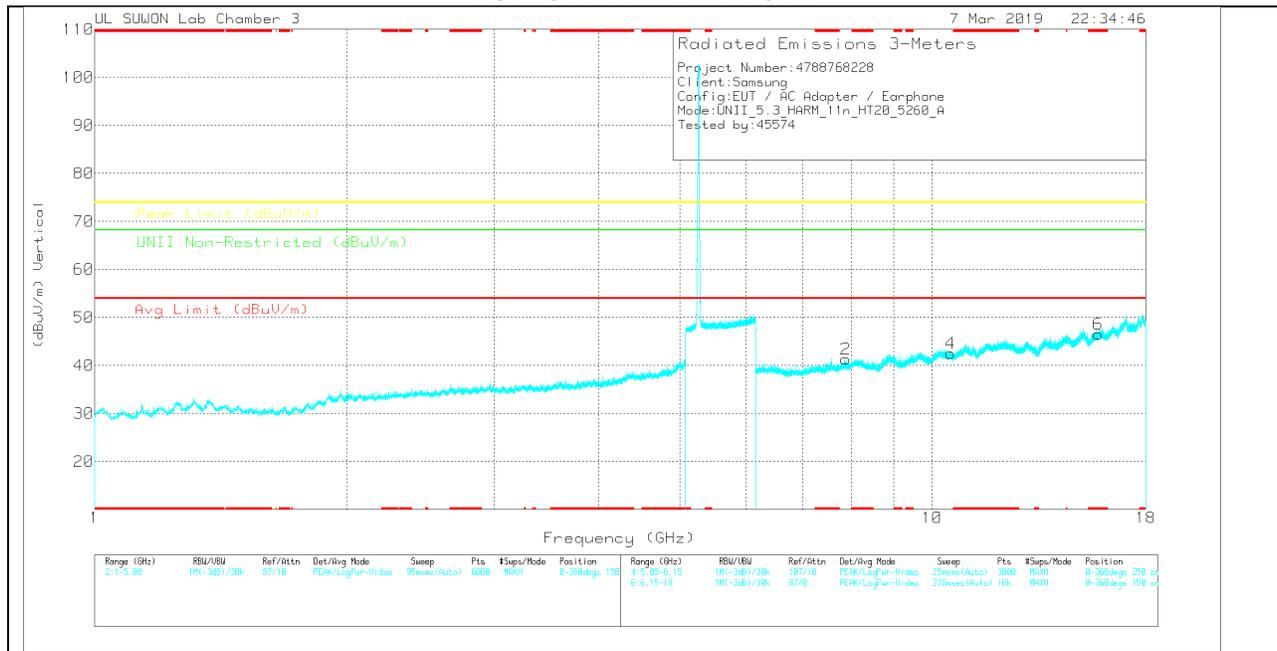
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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

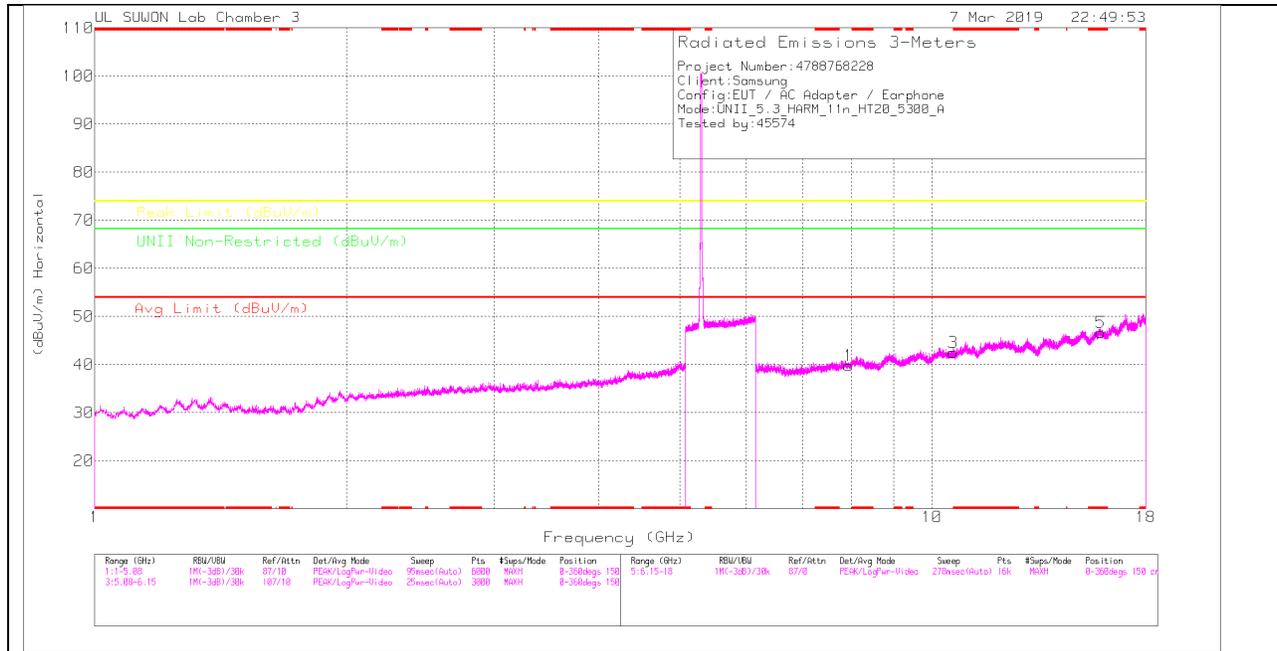
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.891	26.28	PK	36	-22.4	0	39.88	-	-	-	-	68.2	-28.32	0-360	250	H
3	10.52	25.2	PK	37.7	-19.2	0	43.7	-	-	-	-	68.2	-24.5	0-360	250	H
5	* 15.78	24.87	PK	40.5	-19	0	46.37	-	-	74	-27.63	-	-	0-360	250	H
2	7.891	27.74	PK	36	-22.4	0	41.34	-	-	-	-	68.2	-26.86	0-360	250	V
4	10.52	24.05	PK	37.7	-19.2	0	42.55	-	-	-	-	68.2	-25.65	0-360	150	V
6	* 15.781	25.01	PK	40.5	-19	0	46.51	-	-	74	-27.49	-	-	0-360	150	V

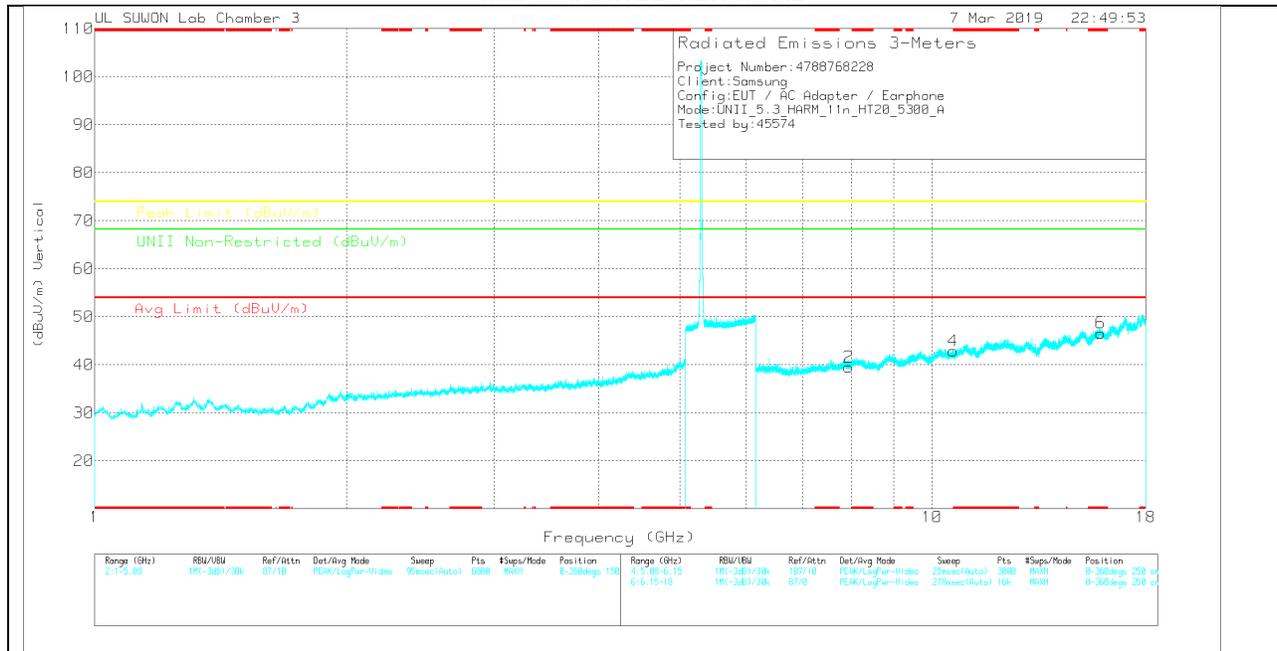
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

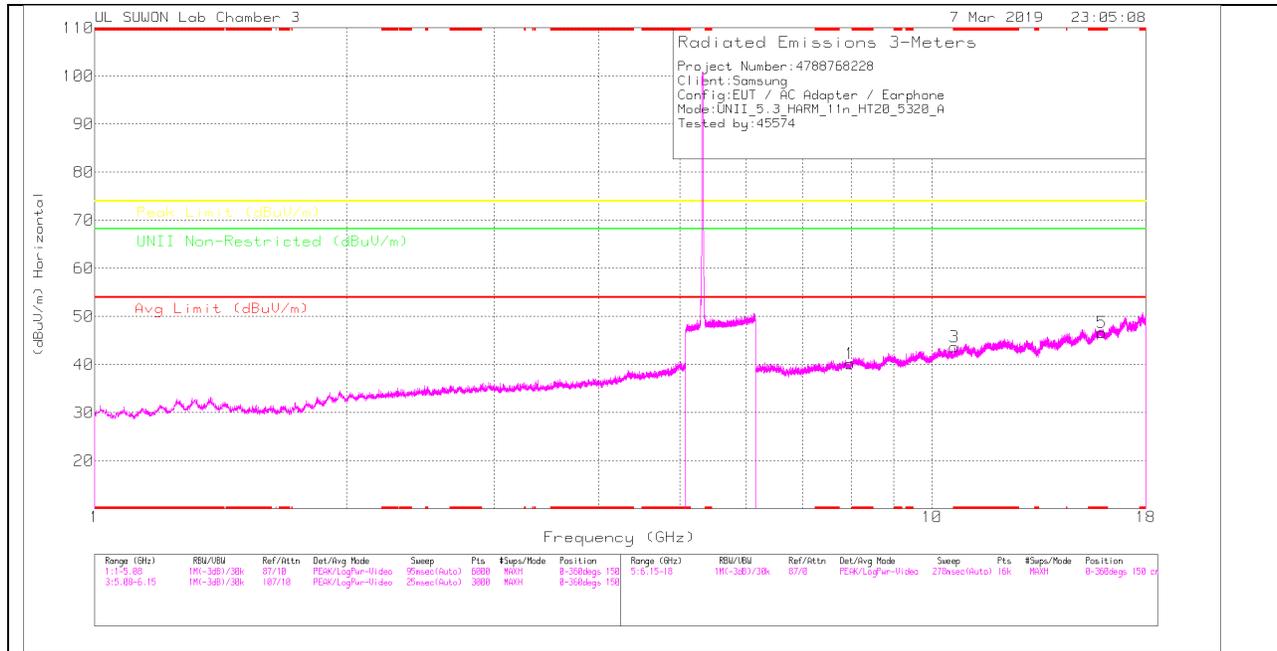
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	7.951	26.49	PK	36	-22.7	0	39.79	-	-	-	-	68.2	-28.41	0-360	250	H
3	* 10.601	23.96	PK	37.8	-19.3	0	42.46	-	-	74	-31.54	-	-	0-360	250	H
5	* 15.902	24.72	PK	40.6	-18.6	0	46.72	-	-	74	-27.28	-	-	0-360	250	H
2	7.951	26.26	PK	36	-22.7	0	39.56	-	-	-	-	68.2	-28.64	0-360	250	V
4	* 10.601	24.43	PK	37.8	-19.3	0	42.93	-	-	74	-31.07	-	-	0-360	250	V
6	* 15.901	24.71	PK	40.6	-18.7	0	46.61	-	-	74	-27.39	-	-	0-360	250	V

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

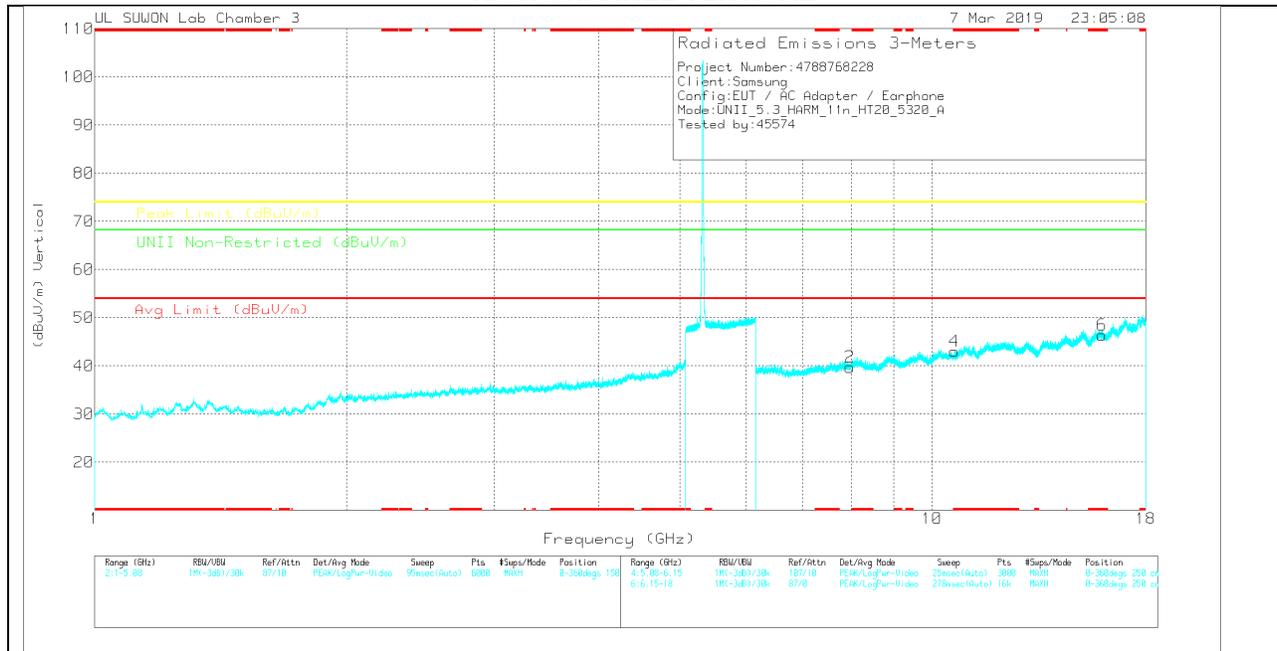
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00205959	GM1_H1(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	7.98	27.01	PK	36	-22.8	0	40.21	-	-	-	-	68.2	-27.99	0-360	250	H
3	* 10.639	25.14	PK	37.8	-19.2	0	43.74	-	-	74	-30.26	-	-	0-360	250	H
5	* 15.96	24.53	PK	40.7	-18.6	0	46.63	-	-	74	-27.37	-	-	0-360	250	H
2	7.98	26.53	PK	36	-22.8	0	39.73	-	-	-	-	68.2	-28.47	0-360	150	V
4	* 10.641	24.4	PK	37.8	-19.2	0	43	-	-	74	-31	-	-	0-360	150	V
6	* 15.96	24.34	PK	40.7	-18.6	0	46.44	-	-	74	-27.56	-	-	0-360	150	V

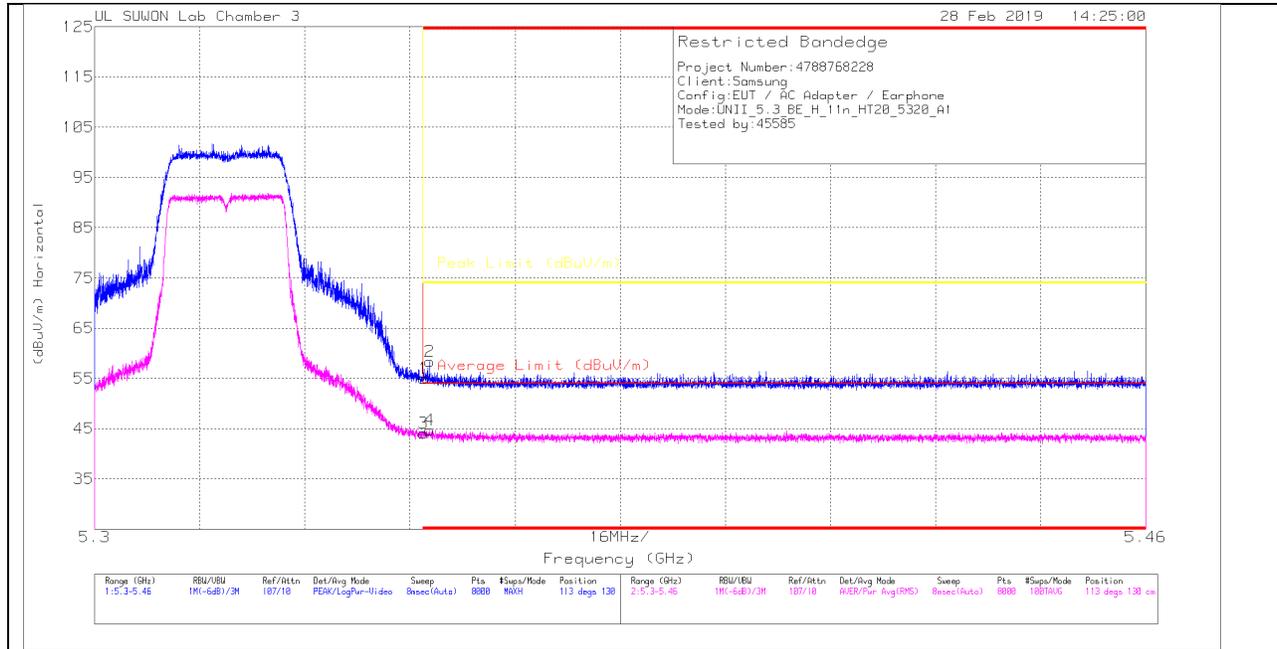
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

11.2.5.TX ABOVE 1GHz 802.11n HT20 1Tx ANT1 IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

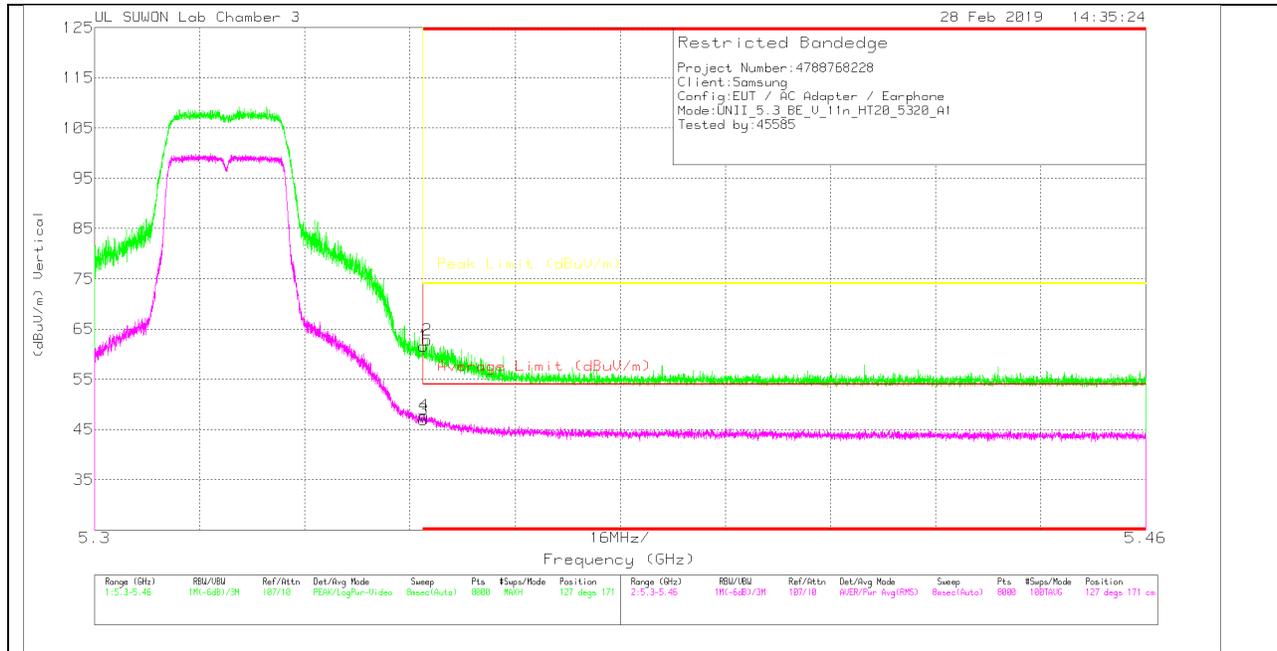
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.98	Pk	34.7	-18.7	0	54.98	-	-	74	-19.02	113	130	H
2	* 5.351	42.37	Pk	34.7	-18.7	0	58.37	-	-	74	-15.63	113	130	H
3	* 5.35	28.42	RMS	34.7	-19.1	.09	44.11	54	-9.89	-	-	113	130	H
4	* 5.351	29.02	RMS	34.7	-19.1	.09	44.71	54	-9.29	-	-	113	130	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_00209599	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	45.58	Pk	34.7	-18.7	0	61.58	-	-	74	-12.42	127	171	V
2	* 5.351	46.78	Pk	34.7	-18.7	0	62.78	-	-	74	-11.22	127	171	V
3	* 5.35	31.23	RMS	34.7	-19.1	.09	46.92	54	-7.08	-	-	127	171	V
4	* 5.35	32.13	RMS	34.7	-19.1	.09	47.82	54	-6.18	-	-	127	171	V

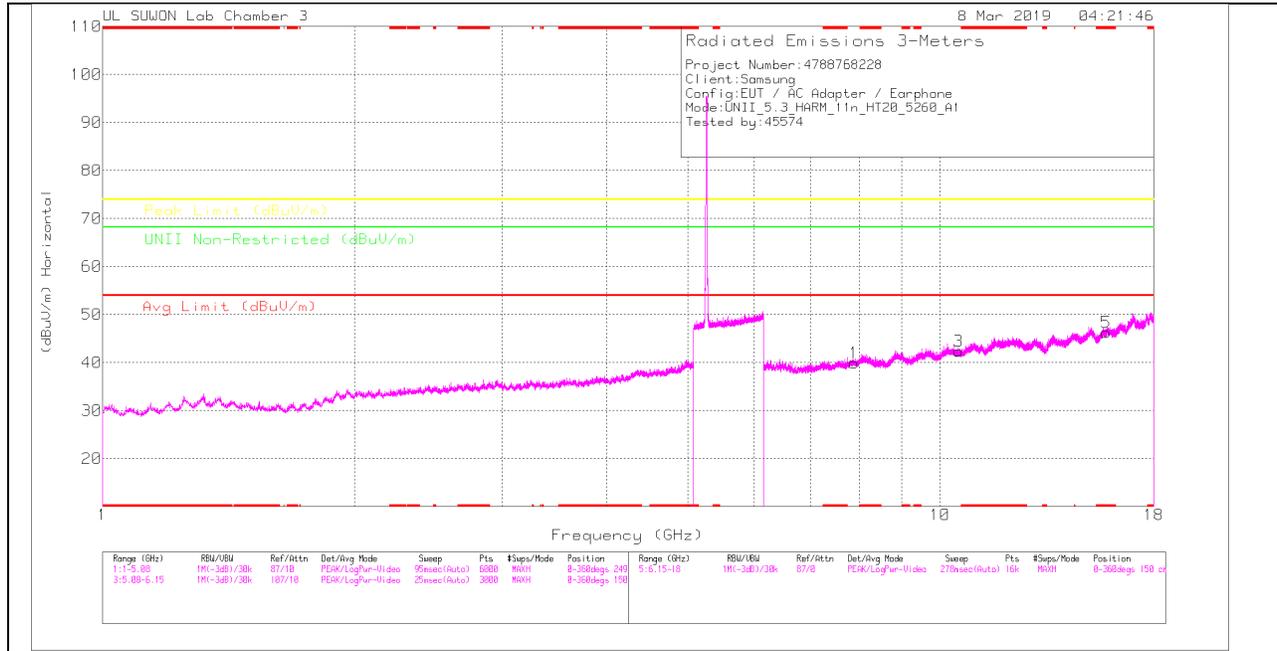
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

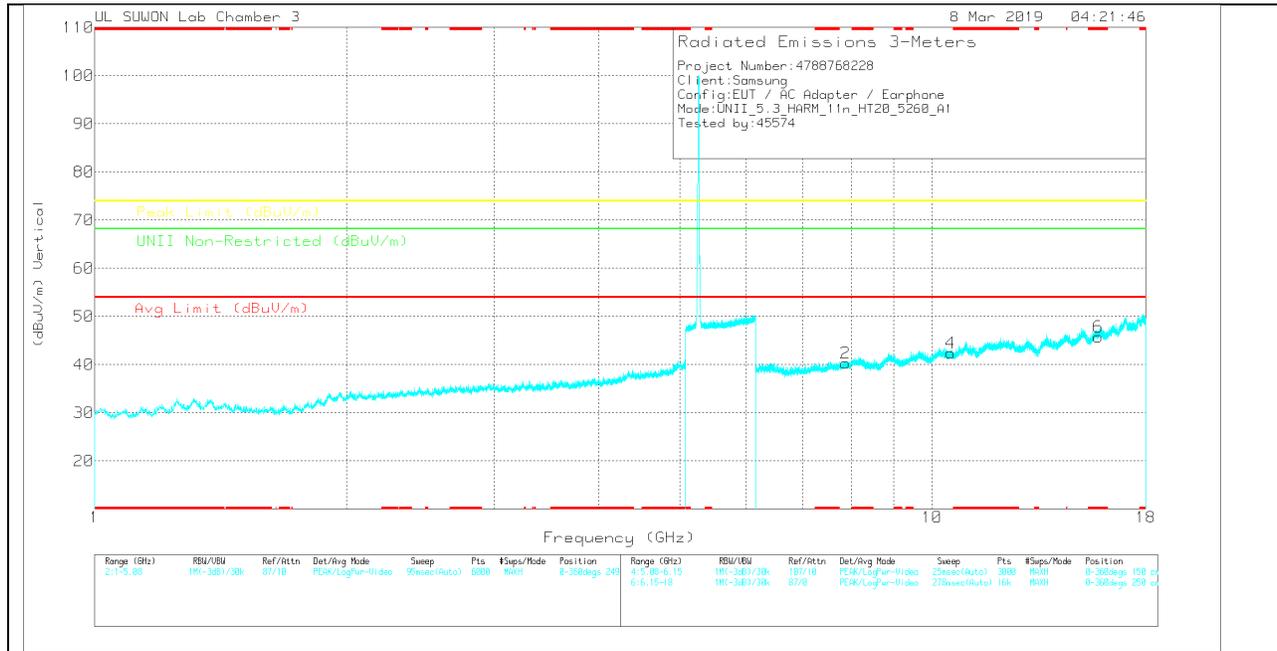
RMS - RMS detection

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

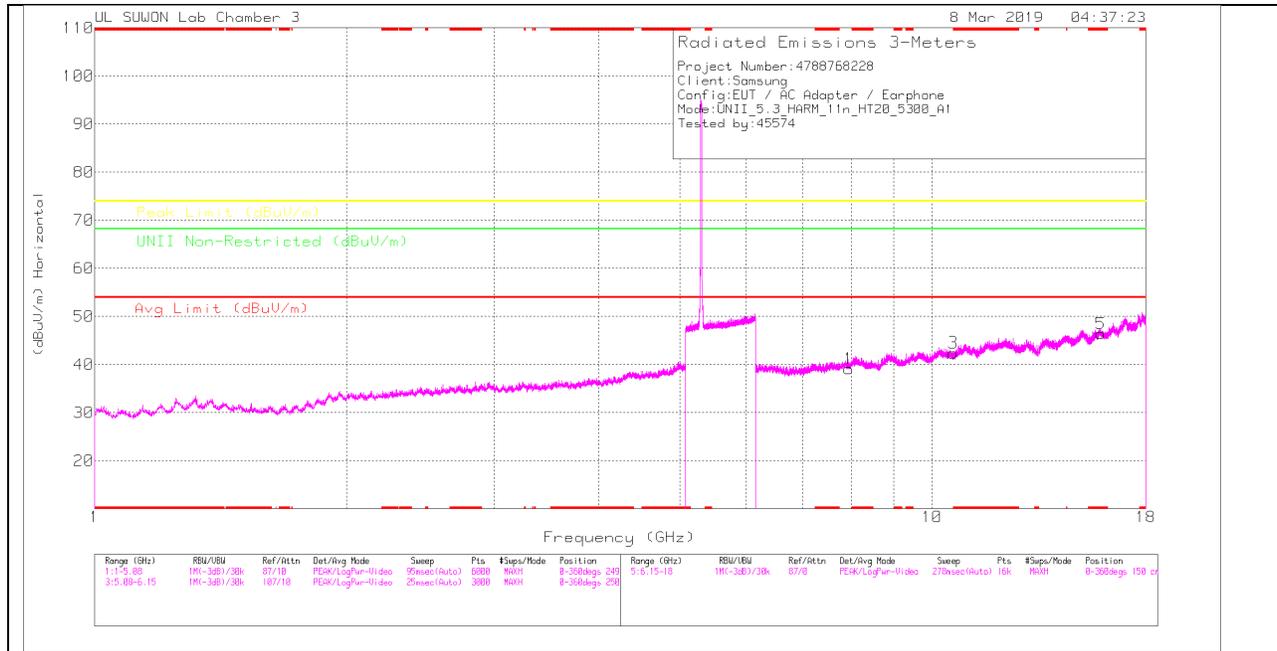
Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_0000999	66GHz_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)	Altitude (Degs)	Height (cm)	Polarity
1	7.892	26.37	PK	36	-22.4	0	39.97	-	-	-	-	68.2	-28.23	0-360	150	H
3	10.521	23.9	PK	37.7	-19.2	0	42.4	-	-	-	-	68.2	-25.8	0-360	250	H
5	* 15.78	24.77	PK	40.5	-19	0	46.27	-	-	74	-27.73	-	-	0-360	150	H
2	7.888	26.62	PK	36	-22.3	0	40.32	-	-	-	-	68.2	-27.88	0-360	150	V
4	10.521	23.85	PK	37.7	-19.2	0	42.35	-	-	-	-	68.2	-25.85	0-360	250	V
6	* 15.78	24.21	PK	40.5	-19	0	45.71	-	-	74	-28.29	-	-	0-360	250	V

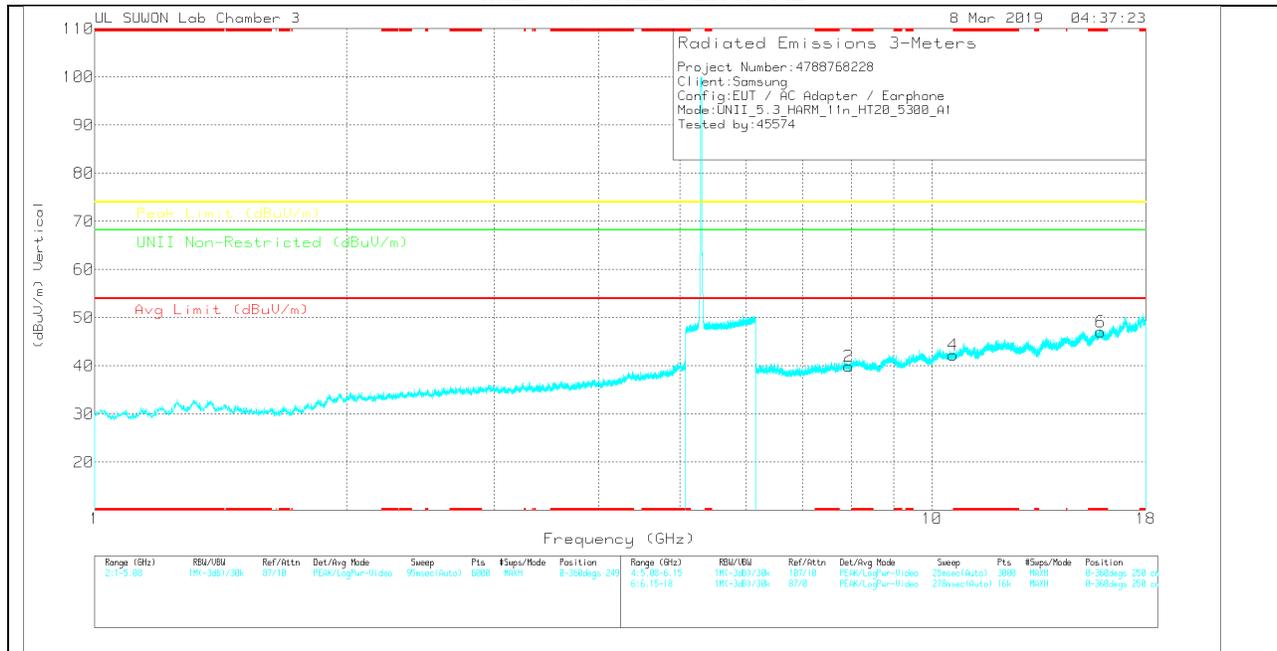
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

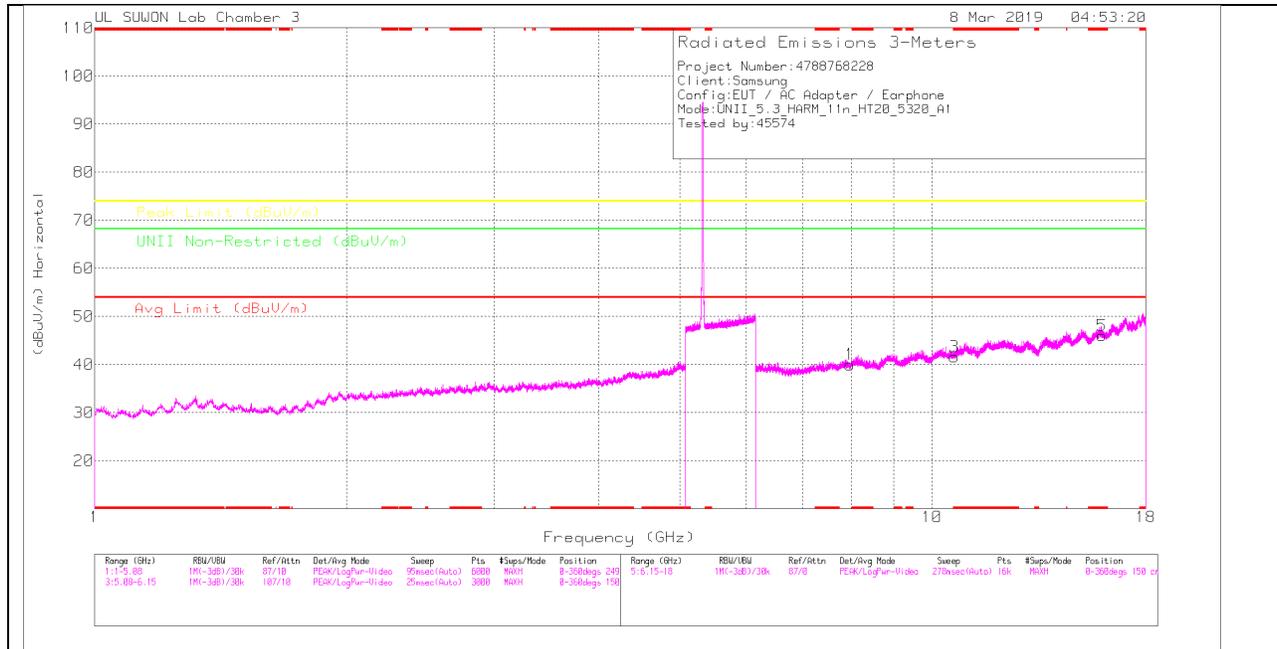
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	7.951	25.82	PK	36	-22.7	0	39.12	-	-	-	-	68.2	-29.08	0-360	150	H
3	10.6	23.95	PK	37.8	-19.3	0	42.45	-	-	-	-	68.2	-25.75	0-360	250	H
5	* 15.901	24.46	PK	40.6	-18.7	0	46.36	-	-	74	-27.64	-	-	0-360	250	H
2	7.951	26.62	PK	36	-22.7	0	39.92	-	-	-	-	68.2	-28.28	0-360	250	V
4	10.6	23.72	PK	37.8	-19.3	0	42.22	-	-	-	-	68.2	-25.98	0-360	150	V
6	* 15.901	25.16	PK	40.6	-18.7	0	47.06	-	-	74	-26.94	-	-	0-360	150	V

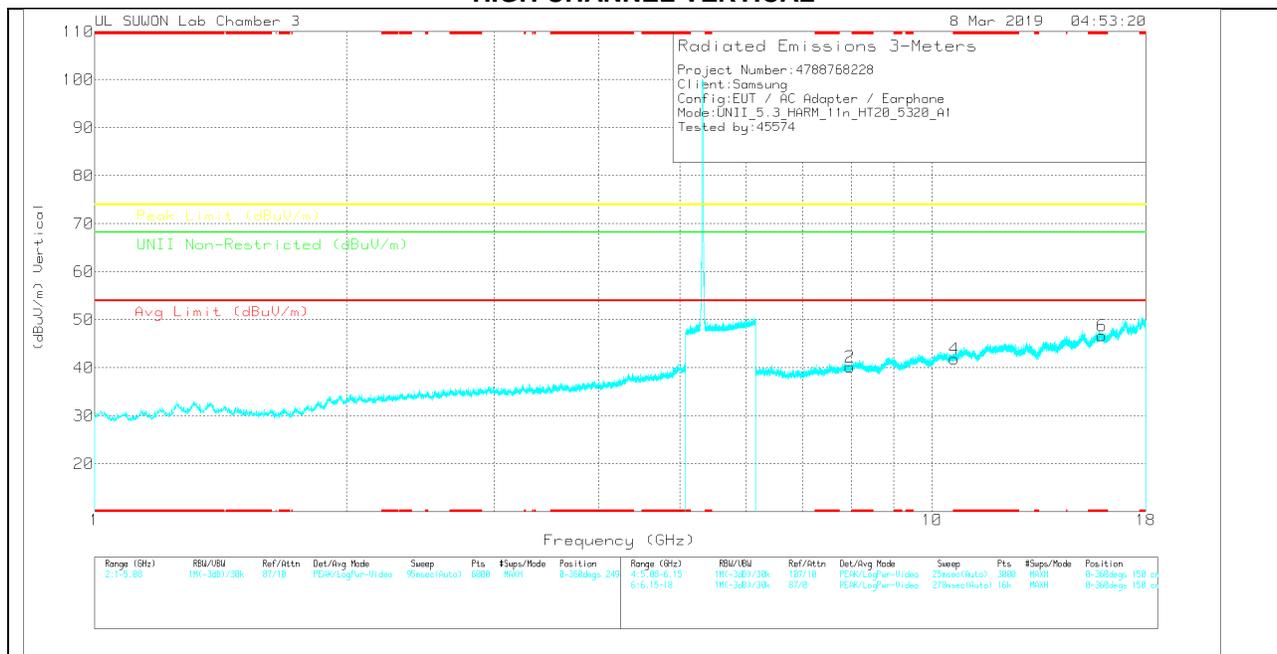
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

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)	Meas Reading (dBuV)	Det	3117_0020959	GM1_H1(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	7.981	26.79	PK	36	-22.8	0	39.99	-	-	-	-	68.2	-28.21	0-360	250	H
3	*10.641	23.08	PK	37.8	-19.3	0	41.58	-	-	74	-32.42	-	-	0-360	250	H
5	*15.961	23.96	PK	40.7	-18.6	0	46.06	-	-	74	-27.94	-	-	0-360	150	H
2	7.979	26.93	PK	36	-22.8	0	40.13	-	-	-	-	68.2	-28.07	0-360	150	V
4	*10.641	23.36	PK	37.8	-19.3	0	41.86	-	-	74	-32.14	-	-	0-360	150	V
6	*15.961	24.53	PK	40.7	-18.6	0	46.63	-	-	74	-27.37	-	-	0-360	250	V

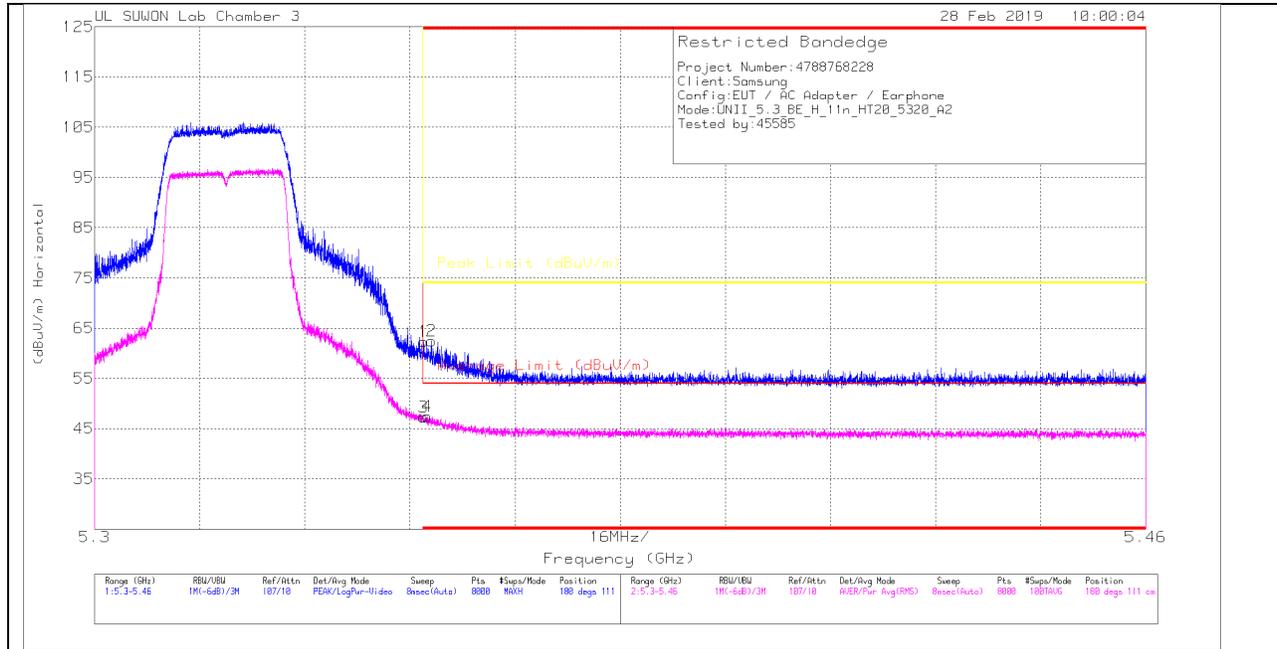
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

11.2.6.TX ABOVE 1GHz 802.11n HT20 1Tx ANT2 IN THE 5.3GHz BAND

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

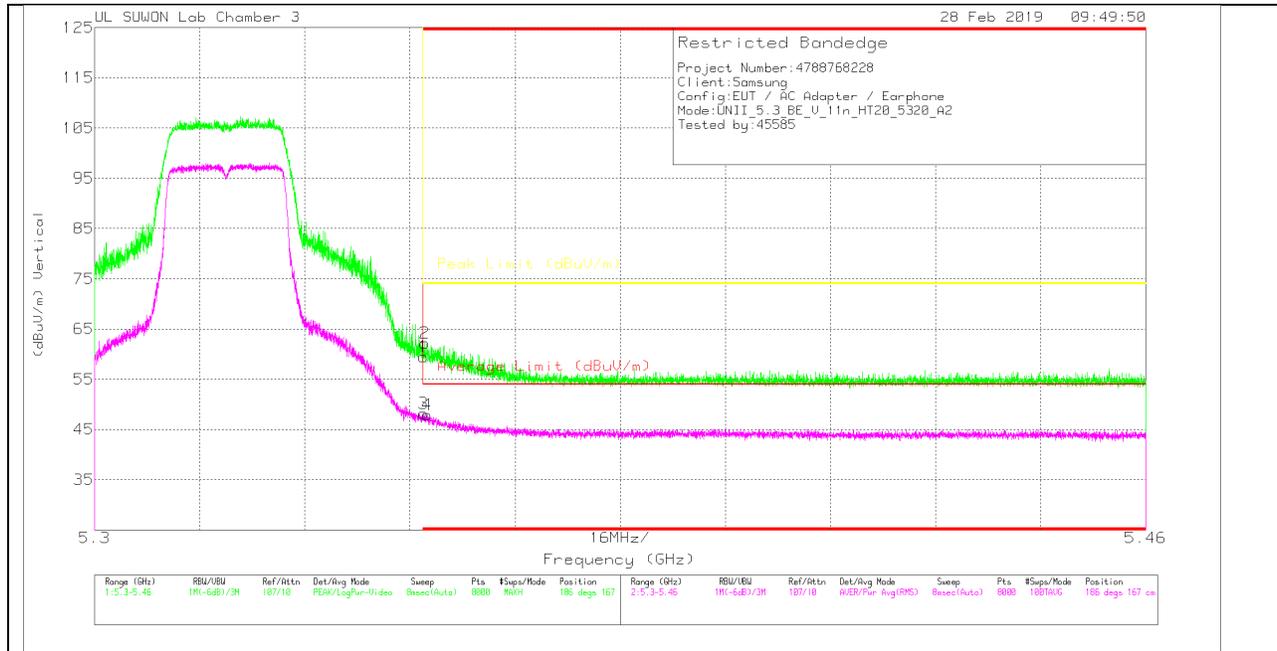
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	46.32	Pk	34.7	-18.7	0	62.32	-	-	74	-11.68	180	111	H
2	* 5.351	46.49	Pk	34.7	-18.7	0	62.49	-	-	74	-11.51	180	111	H
3	* 5.35	31.62	RMS	34.7	-19.1	.09	47.31	54	-6.69	-	-	180	111	H
4	* 5.351	31.74	RMS	34.7	-19.1	.09	47.43	54	-6.57	-	-	180	111	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	43.45	Pk	34.7	-18.7	0	59.45	-	-	74	-14.55	186	167	V
2	* 5.35	46.22	Pk	34.7	-18.7	0	62.22	-	-	74	-11.78	186	167	V
3	* 5.35	32.47	RMS	34.7	-19.1	.09	48.16	54	-5.84	-	-	186	167	V
4	* 5.351	32.21	RMS	34.7	-19.1	.09	47.9	54	-6.1	-	-	186	167	V

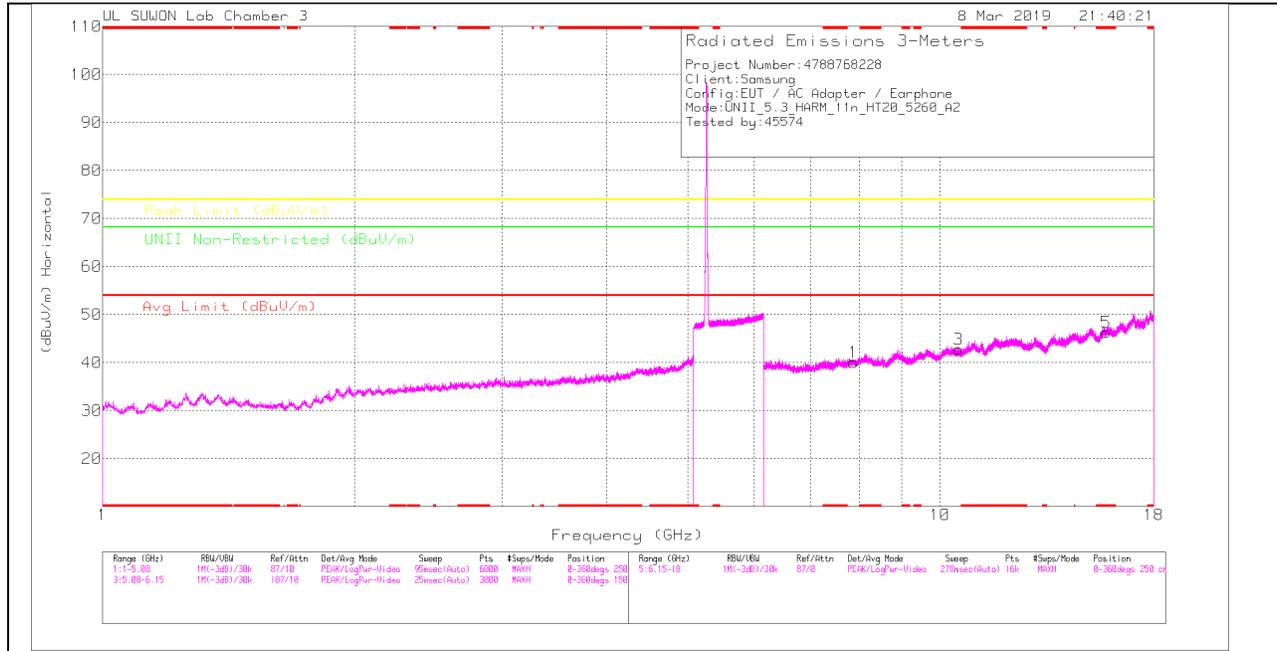
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

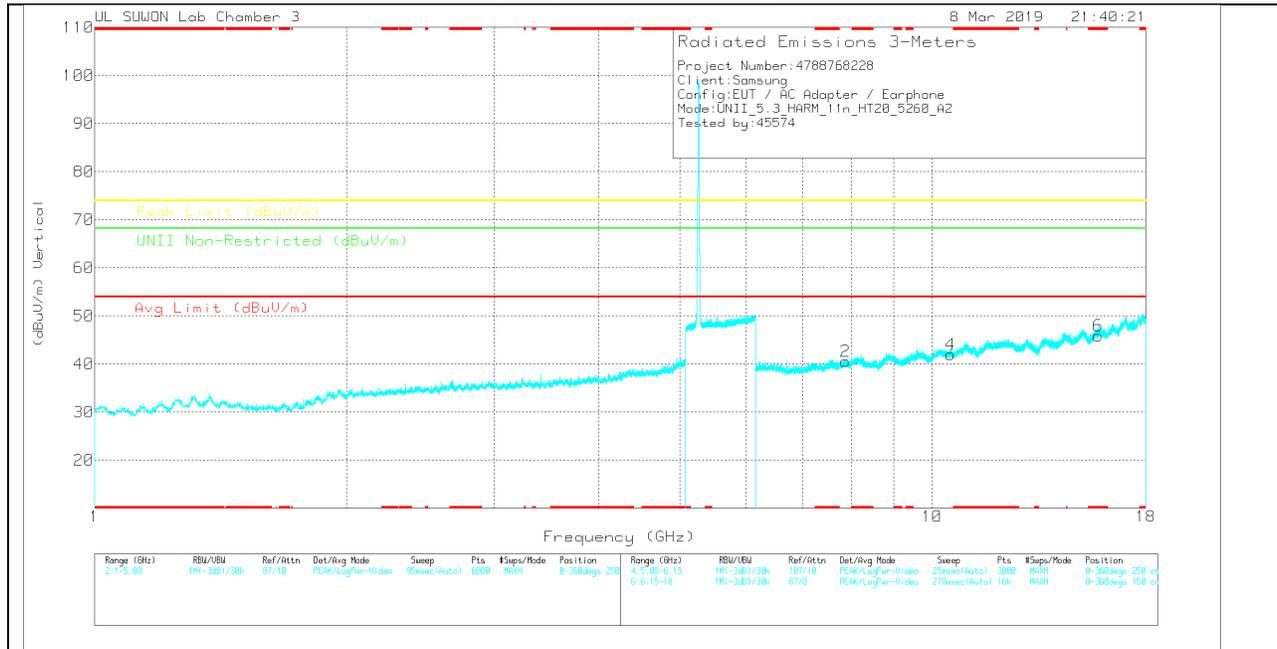
RMS - RMS detection

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

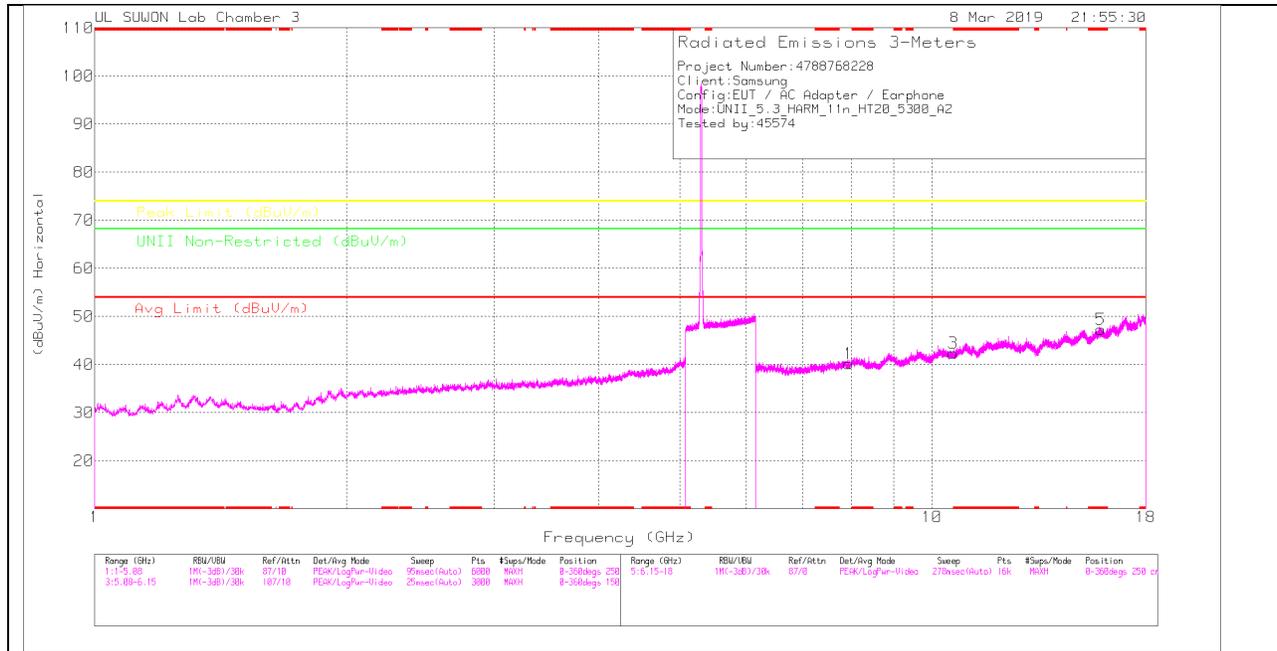
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.889	26.38	PK	36	-22.3	0	40.08	-	-	-	-	68.2	-28.12	0-360	150	H
3	10.521	24.24	PK	37.7	-19.2	0	42.74	-	-	-	-	68.2	-25.46	0-360	250	H
5	* 15.781	24.83	PK	40.5	-19	0	46.33	-	-	74	-27.67	-	-	0-360	150	H
2	7.889	26.84	PK	36	-22.3	0	40.54	-	-	-	-	68.2	-27.66	0-360	150	V
4	10.521	23.46	PK	37.7	-19.2	0	41.96	-	-	-	-	68.2	-26.24	0-360	150	V
6	* 15.781	24.42	PK	40.5	-19	0	45.92	-	-	74	-28.08	-	-	0-360	250	V

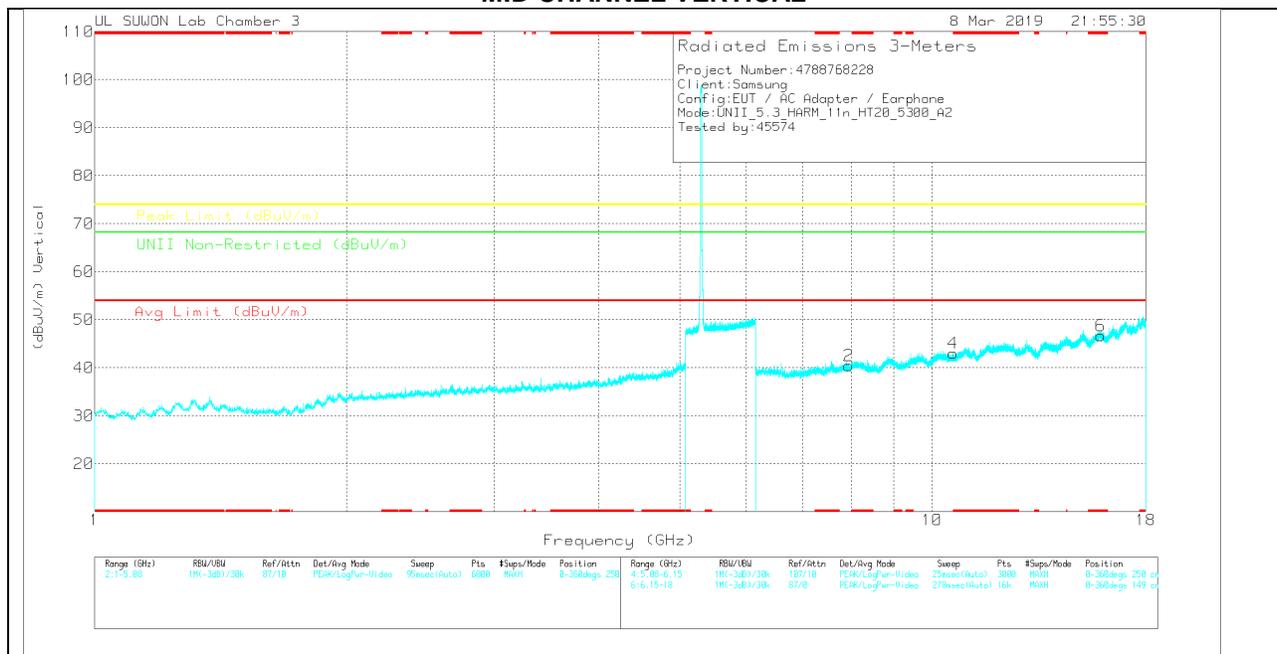
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

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

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

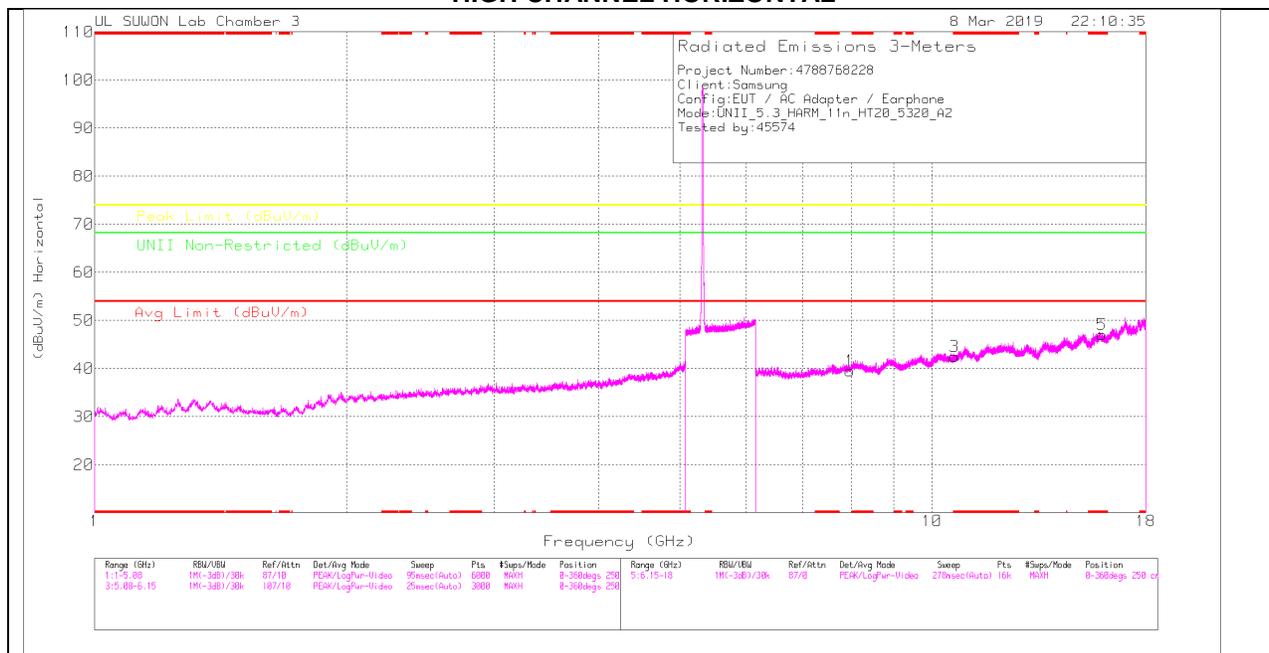
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	7.951	26.9	PK	36	-22.7	0	40.2	-	-	-	-	68.2	-28	0-360	250	H
3	* 10.602	23.94	PK	37.8	-19.4	0	42.34	-	-	74	-31.66	-	-	0-360	150	H
5	* 15.9	25.29	PK	40.6	-18.6	0	47.29	-	-	74	-26.71	-	-	0-360	150	H
2	7.951	27.16	PK	36	-22.7	0	40.46	-	-	-	-	68.2	-27.74	0-360	250	V
4	* 10.601	24.65	PK	37.8	-19.4	0	43.05	-	-	74	-30.95	-	-	0-360	250	V
6	* 15.902	24.71	PK	40.6	-18.6	0	46.71	-	-	74	-27.29	-	-	0-360	149	V

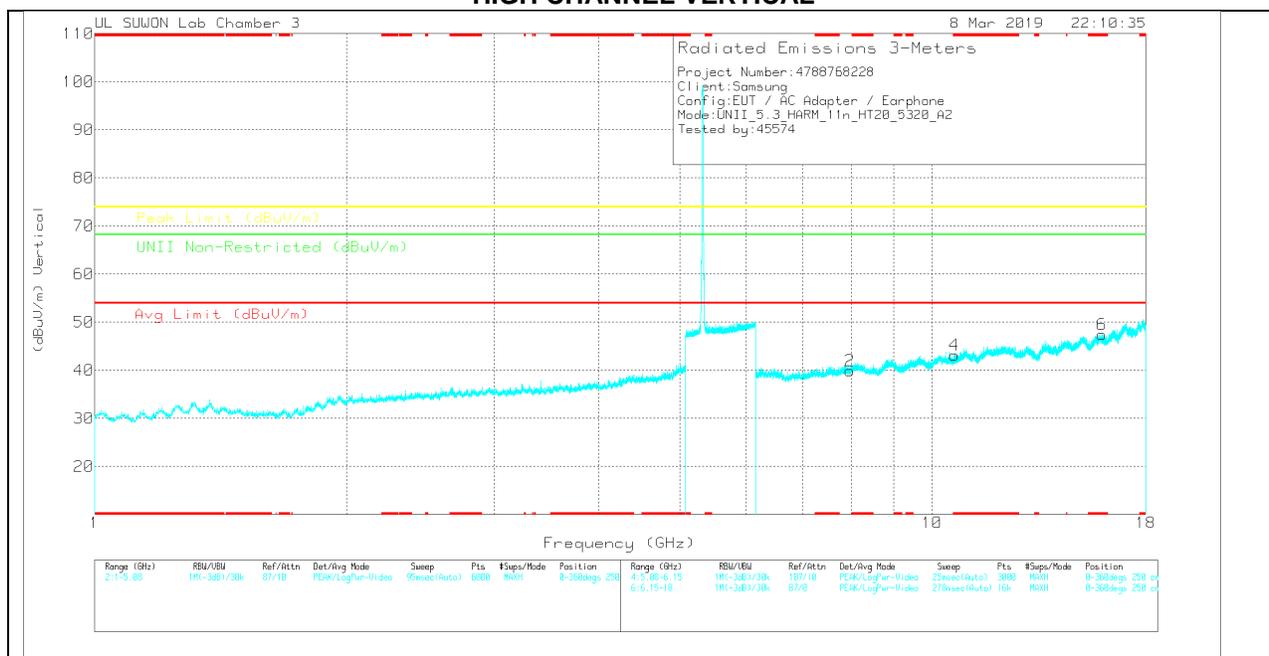
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_0020959	60Hz_HR(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	7.981	26.36	PK	36	-22.8	0	39.56	-	-	-	-	68.2	-28.64	0-360	150	H
3	*10.641	24.03	PK	37.8	-19.3	0	42.53	-	-	74	-31.47	-	-	0-360	150	H
5	*15.962	24.94	PK	40.7	-18.6	0	47.04	-	-	74	-26.96	-	-	0-360	250	H
2	7.981	26.67	PK	36	-22.8	0	39.87	-	-	-	-	68.2	-28.33	0-360	250	V
4	*10.641	24.67	PK	37.8	-19.3	0	43.17	-	-	74	-30.83	-	-	0-360	150	V
6	*15.959	25.31	PK	40.7	-18.6	0	47.41	-	-	74	-26.59	-	-	0-360	150	V

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

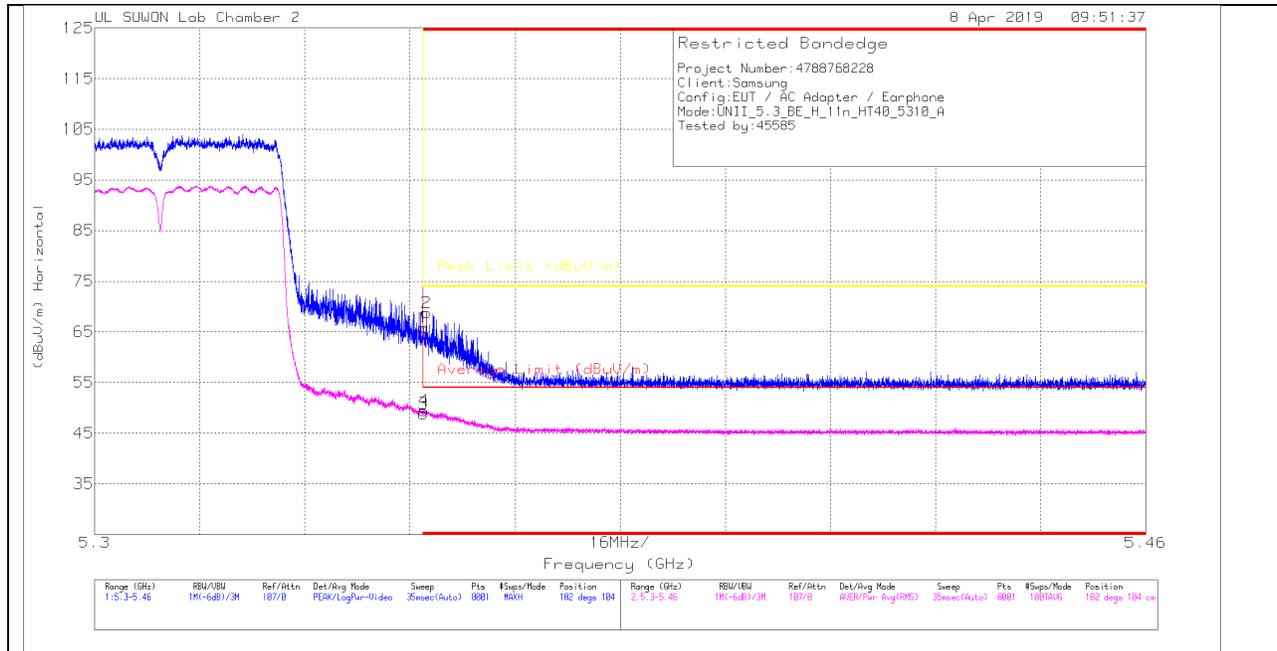
PK – Peak detector

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

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

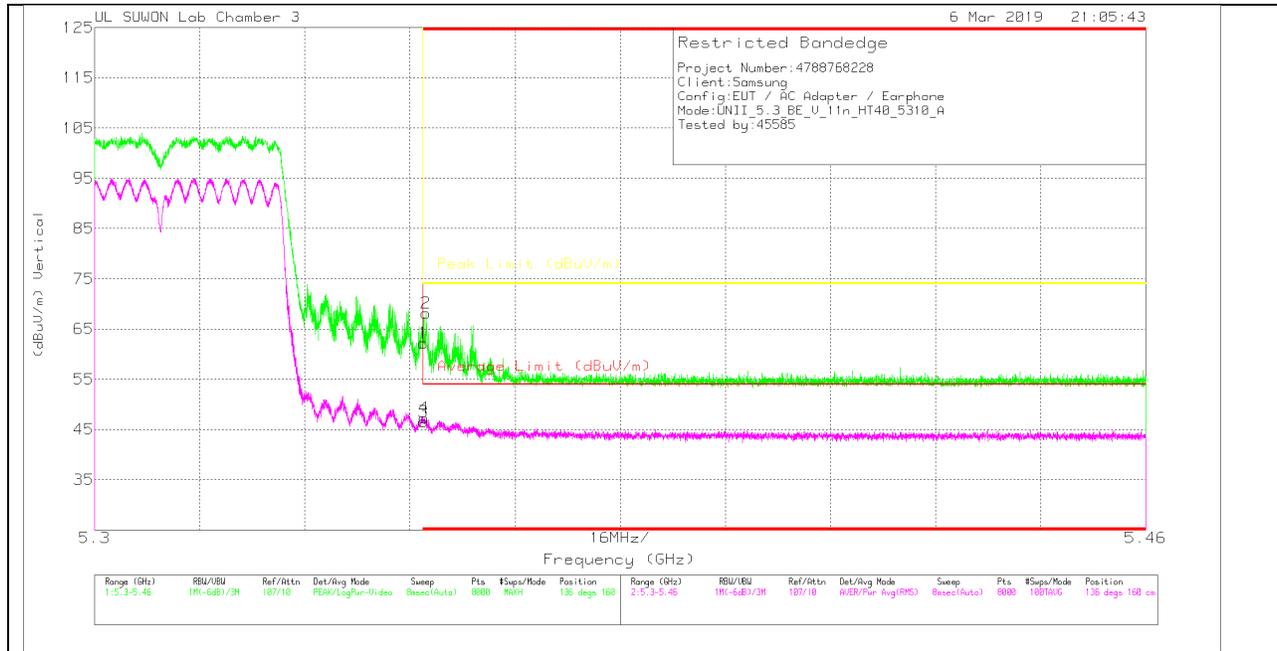
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[db]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	49.45	Pk	34.5	-18.1	0	65.85	-	-	74	-8.15	182	104	H
2	* 5.351	52.33	Pk	34.5	-18.1	0	68.73	-	-	74	-5.27	182	104	H
3	* 5.35	31.3	RMS	34.5	-17.1	.19	48.89	54	-5.11	-	-	182	104	H
4	* 5.35	31.89	RMS	34.5	-17.1	.19	49.48	54	-4.52	-	-	182	104	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	46.26	Pk	34.7	-18.7	0	62.26	-	-	74	-11.74	136	160	V
2	* 5.35	52.13	Pk	34.7	-18.7	0	68.13	-	-	74	-5.87	136	160	V
3	* 5.35	30.81	RMS	34.7	-19.1	.19	46.6	54	-7.4	-	-	136	160	V
4	* 5.35	31.48	RMS	34.7	-19.1	.19	47.27	54	-6.73	-	-	136	160	V

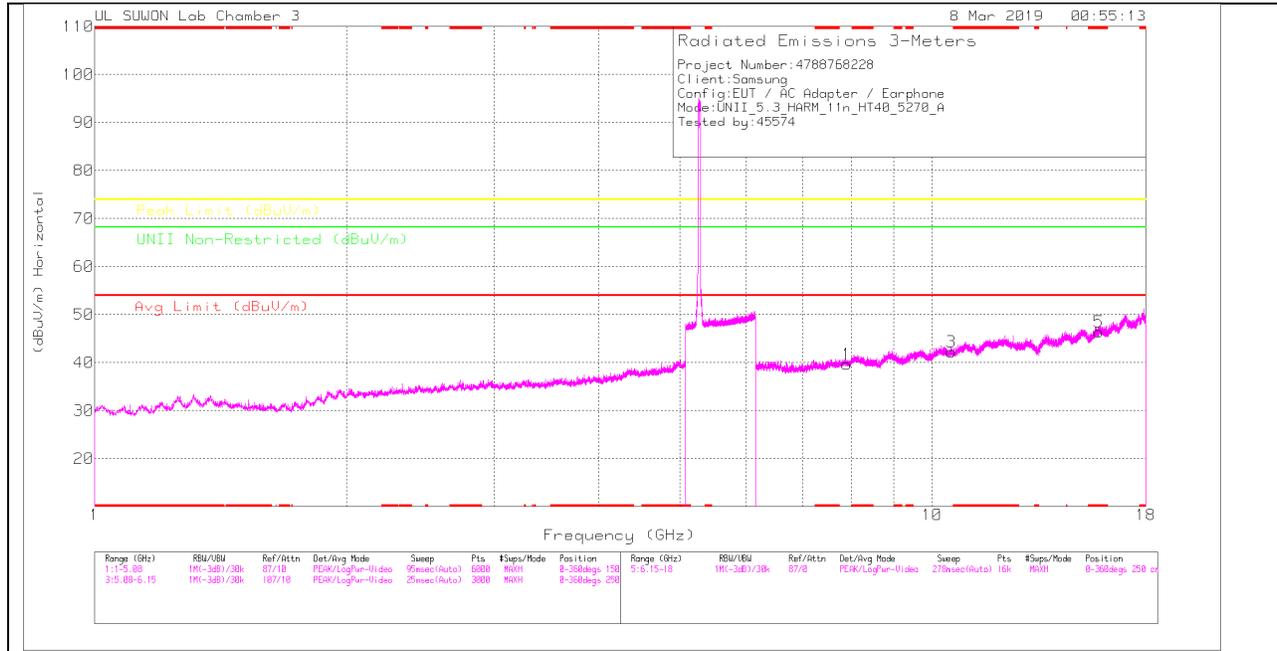
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

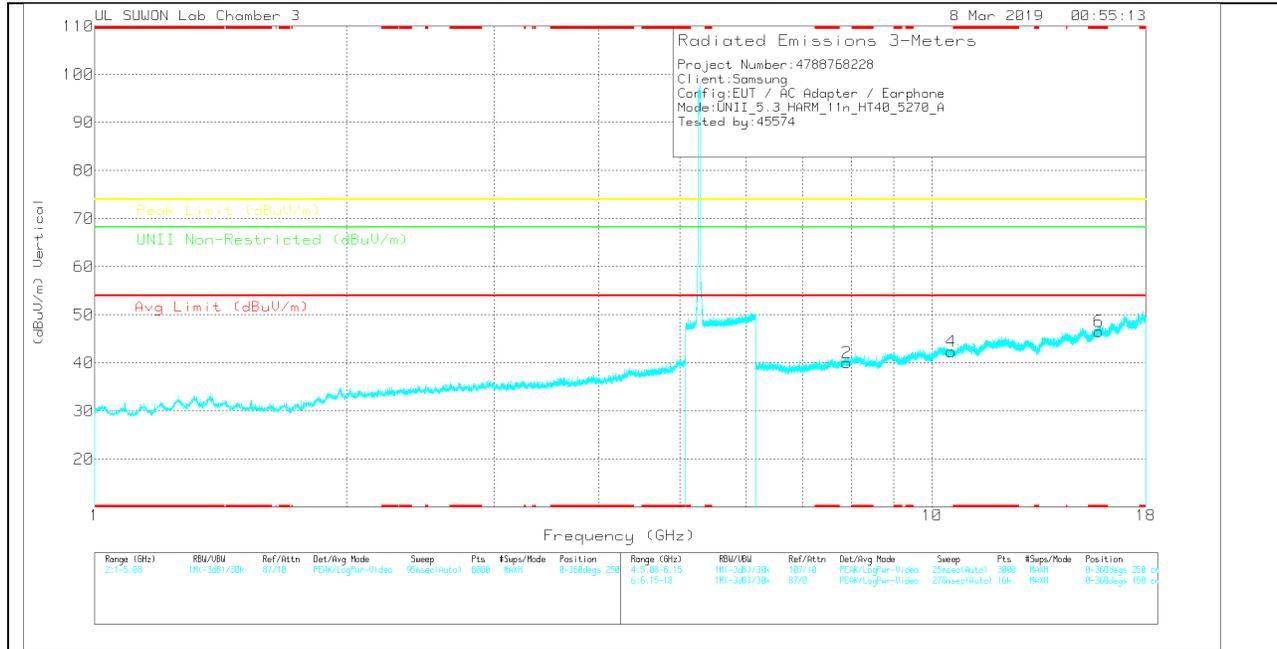
RMS - RMS detection

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

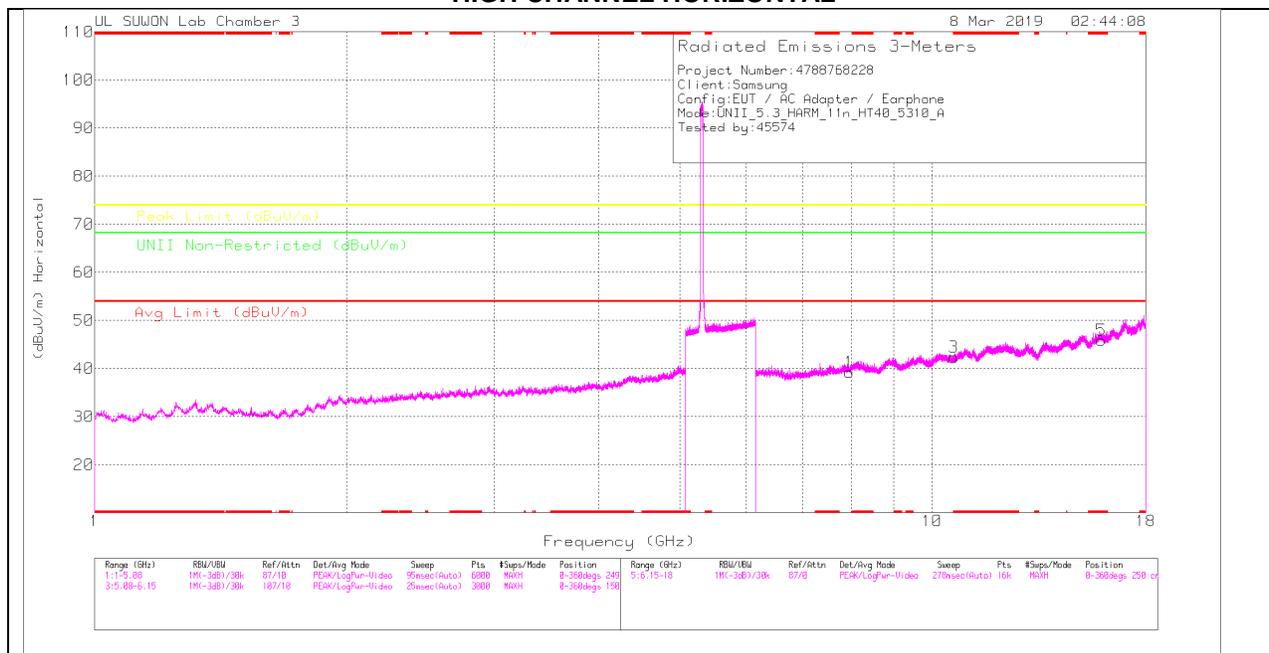
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00209599	Gain_HR(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	7.905	26.12	PK	36	-22.5	0	39.62	-	-	-	-	68.2	-28.58	0-360	250	H
3	10.541	23.75	PK	37.8	-19.3	0	42.25	-	-	-	-	68.2	-25.95	0-360	150	H
5	* 15.811	24.96	PK	40.5	-19	0	46.46	-	-	74	-27.54	-	-	0-360	150	H
2	7.905	26.61	PK	36	-22.5	0	40.11	-	-	-	-	68.2	-28.09	0-360	250	V
4	10.541	23.88	PK	37.8	-19.3	0	42.38	-	-	-	-	68.2	-25.82	0-360	150	V
6	* 15.811	25.08	PK	40.5	-19	0	46.58	-	-	74	-27.42	-	-	0-360	150	V

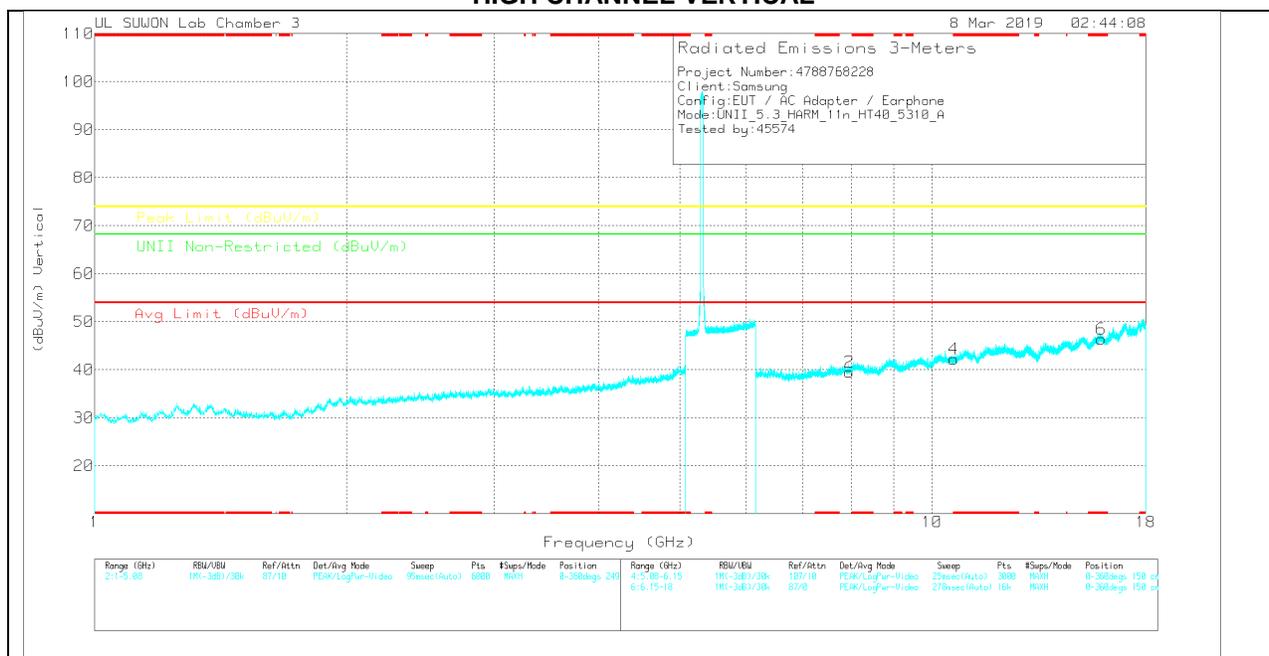
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

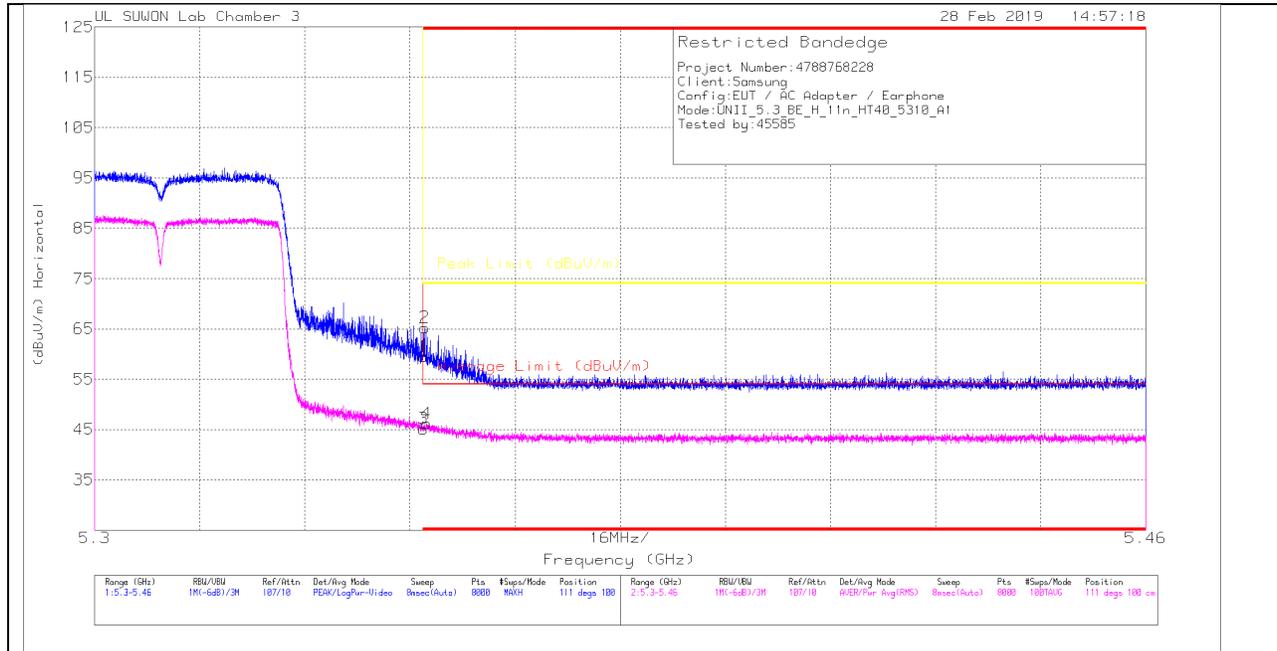
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_00209959	66Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.965	26.12	PK	36	-22.8	0	39.32	-	-	-	-	68.2	-28.88	0-360	150	H
3	* 10.623	23.82	PK	37.8	-19.2	0	42.42	-	-	74	-31.58	-	-	0-360	250	H
5	* 15.931	23.66	PK	40.7	-18.5	0	45.86	-	-	74	-28.14	-	-	0-360	250	H
2	7.965	26.38	PK	36	-22.8	0	39.58	-	-	-	-	68.2	-28.62	0-360	150	V
4	* 10.623	23.68	PK	37.8	-19.2	0	42.28	-	-	74	-31.72	-	-	0-360	150	V
6	* 15.931	24.23	PK	40.7	-18.5	0	46.43	-	-	74	-27.57	-	-	0-360	250	V

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

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

11.2.8.TX ABOVE 1GHz 802.11n HT40 1Tx ANT1 IN THE 5.3GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

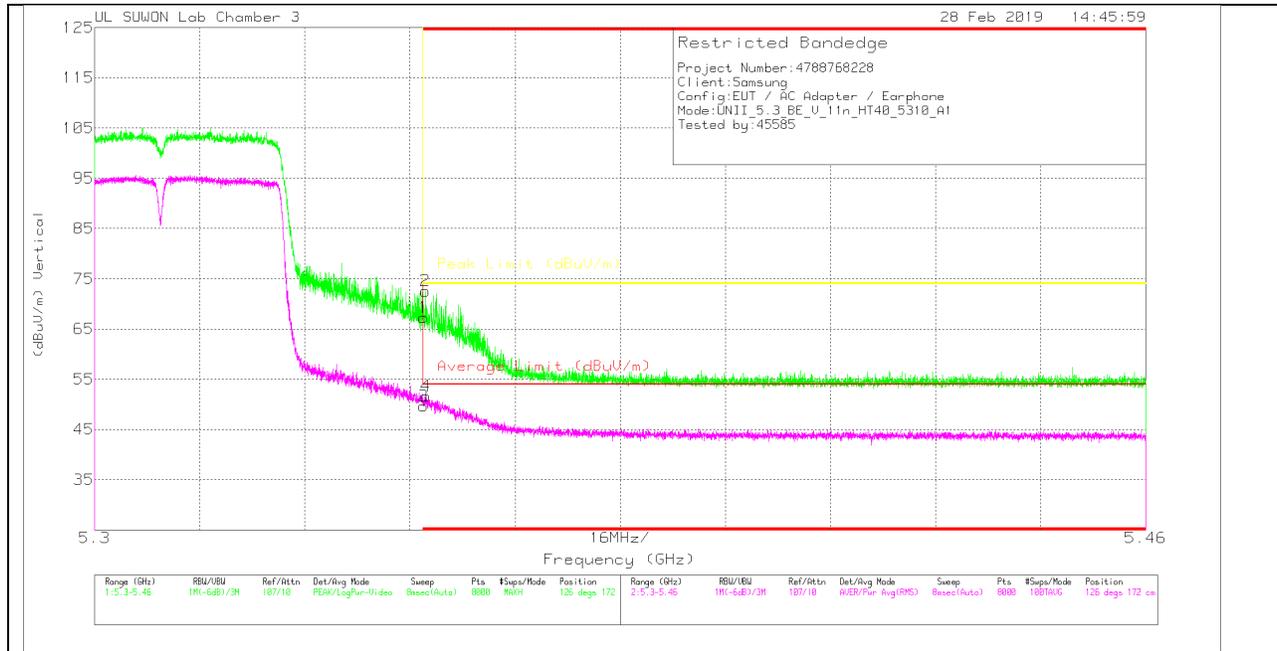
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.46	Pk	34.7	-18.7	0	59.46	-	-	74	-14.54	111	100	H
2	* 5.35	49.25	Pk	34.7	-18.7	0	65.25	-	-	74	-8.75	111	100	H
3	* 5.35	29.35	RMS	34.7	-19.1	.19	45.14	54	-8.86	-	-	111	100	H
4	* 5.351	30.38	RMS	34.7	-19.1	.19	46.17	54	-7.83	-	-	111	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_00205959	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	51.31	Pk	34.7	-18.7	0	67.31	-	-	74	-6.69	126	172	V
2	* 5.35	56.58	Pk	34.7	-18.7	0	72.58	-	-	74	-1.42	126	172	V
3	* 5.35	33.93	RMS	34.7	-19.1	.19	49.72	54	-4.28	-	-	126	172	V
4	* 5.35	35.86	RMS	34.7	-19.1	.19	51.65	54	-2.35	-	-	126	172	V

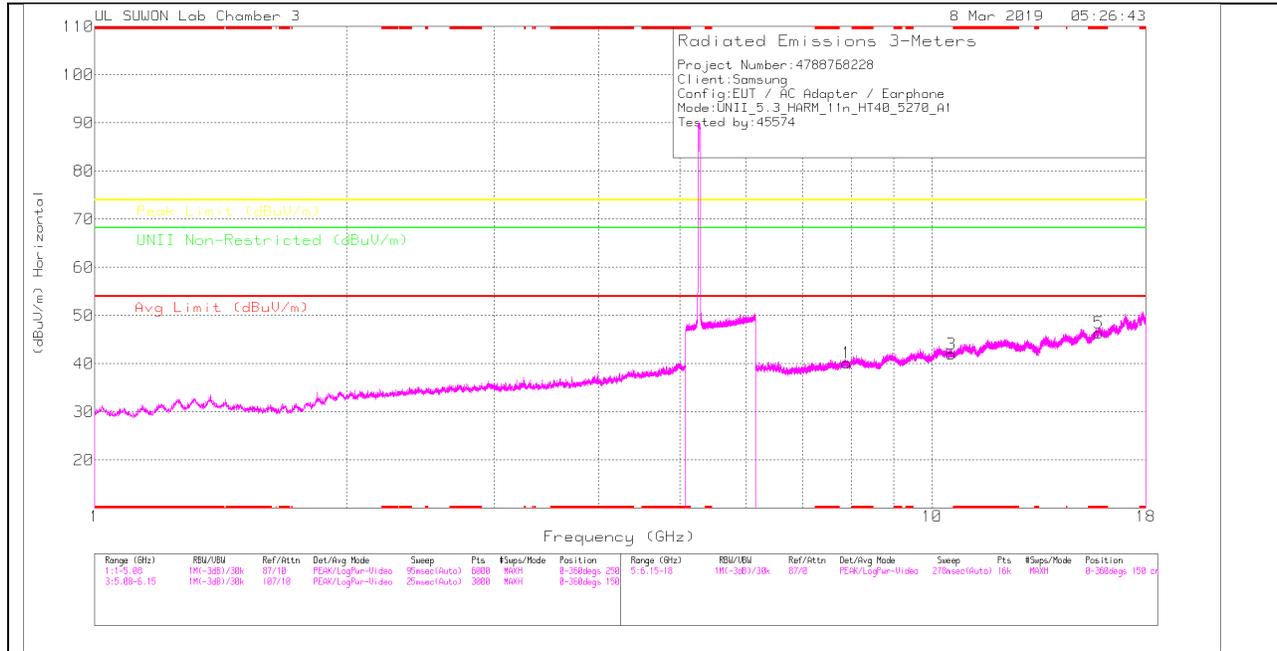
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

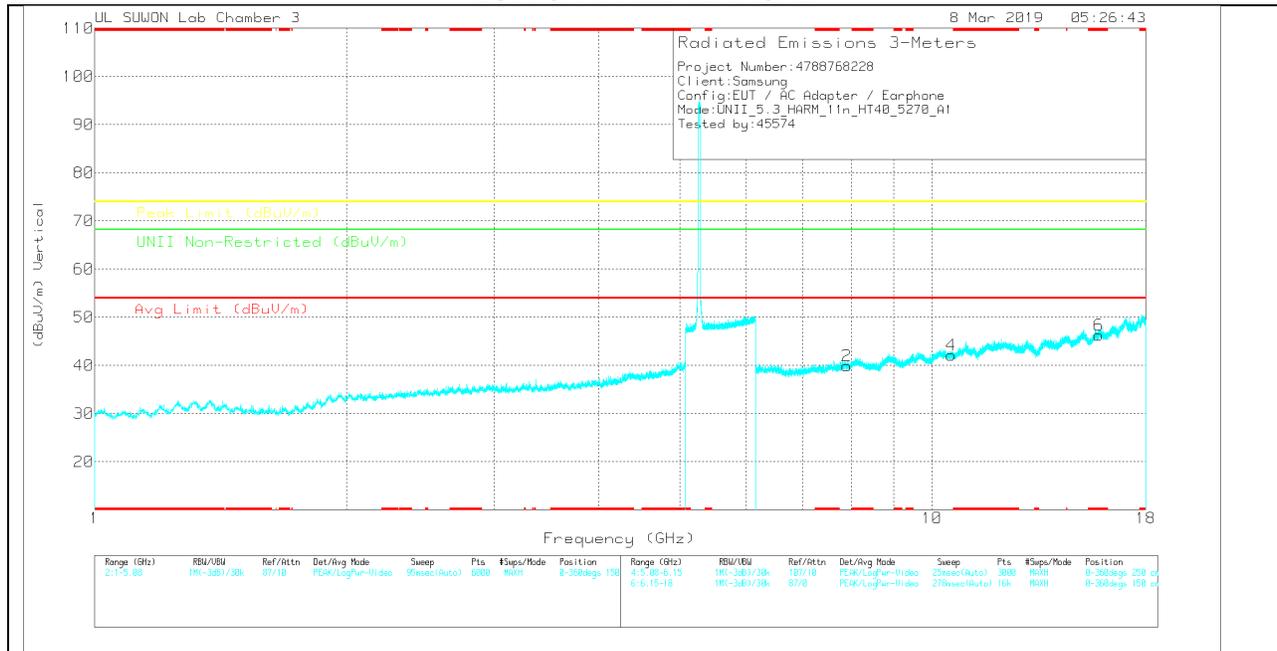
RMS - RMS detection

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

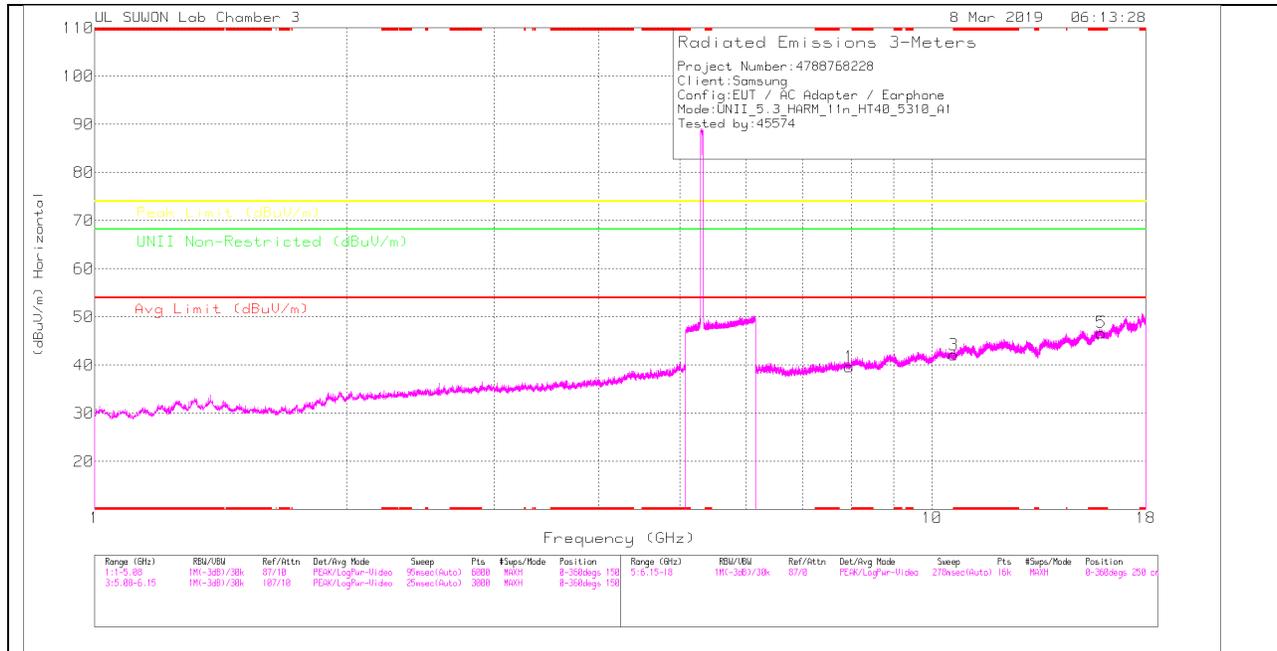
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00209599	SGM1_HR(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	7.905	26.74	PK	36	-22.5	0	40.24	-	-	-	-	68.2	-27.96	0-360	150	H
3	10.541	23.44	PK	37.8	-19.3	0	41.94	-	-	-	-	68.2	-26.26	0-360	250	H
5	* 15.811	24.93	PK	40.5	-19	0	46.43	-	-	74	-27.57	-	-	0-360	150	H
2	7.905	26.4	PK	36	-22.5	0	39.9	-	-	-	-	68.2	-28.3	0-360	250	V
4	10.541	23.61	PK	37.8	-19.3	0	42.11	-	-	-	-	68.2	-26.09	0-360	150	V
6	* 15.811	24.75	PK	40.5	-19	0	46.25	-	-	74	-27.75	-	-	0-360	250	V

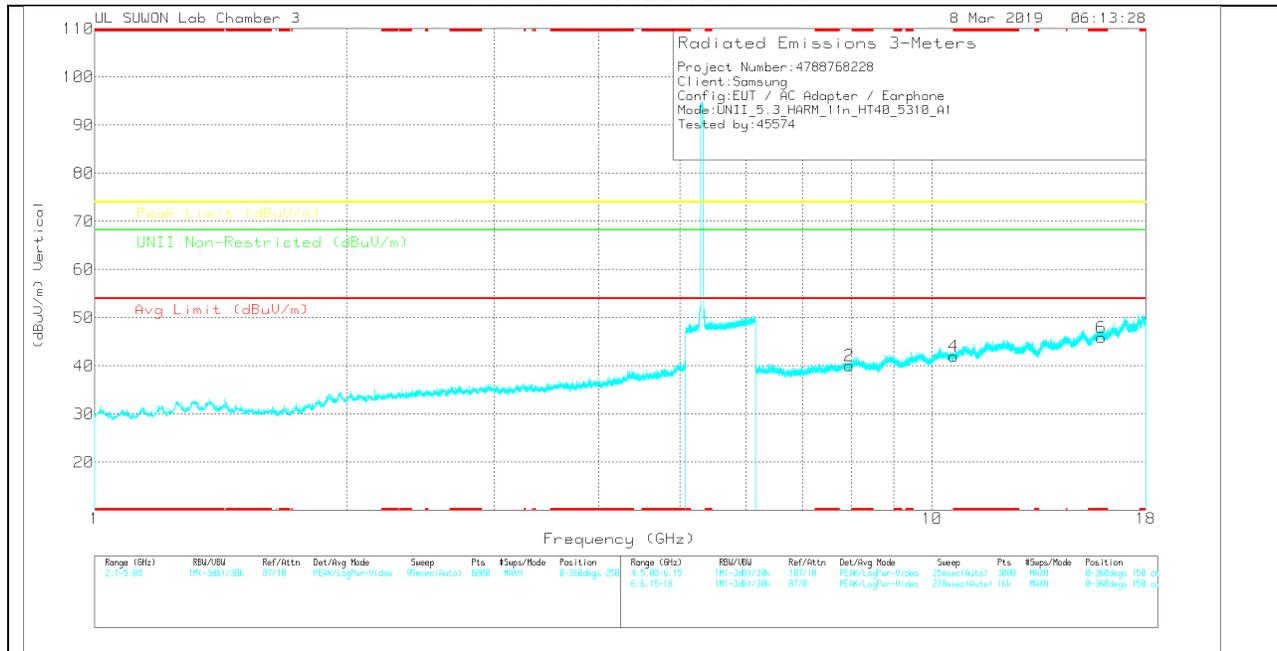
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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

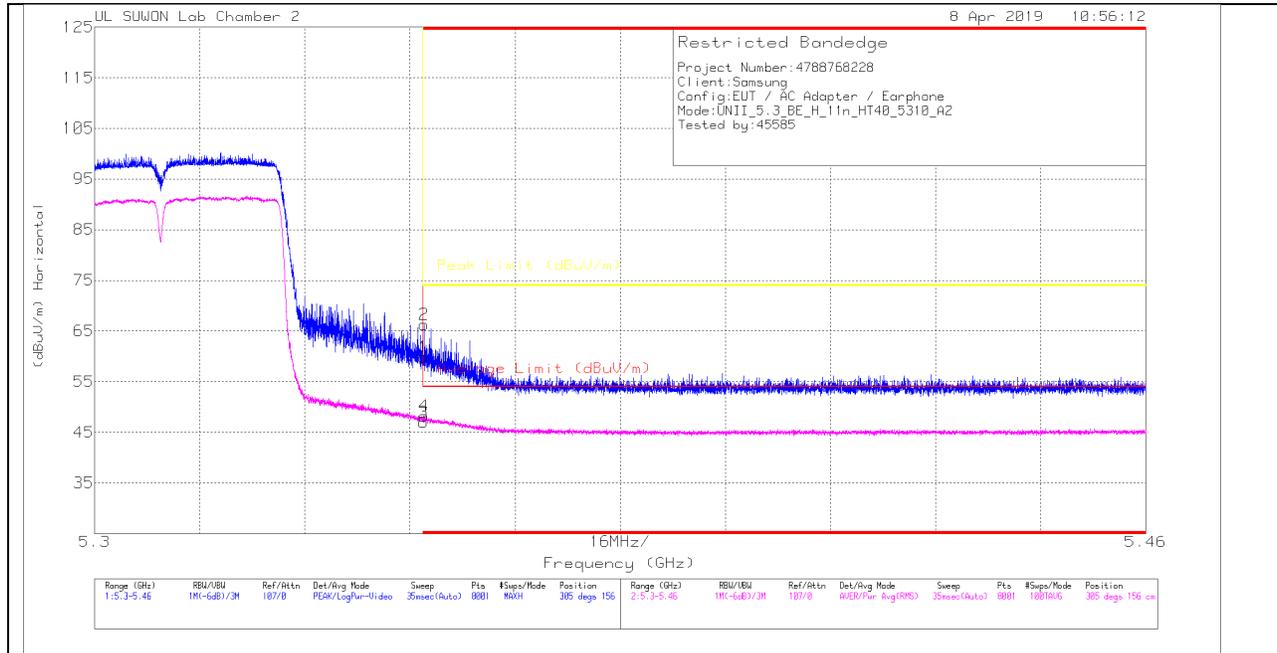
Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.965	26.48	PK	36	-22.8	0	39.68	-	-	-	-	68.2	-28.52	0-360	250	H
3	* 10.62	23.63	PK	37.8	-19.3	0	42.13	-	-	74	-31.87	-	-	0-360	150	H
5	* 15.931	24.54	PK	40.7	-18.5	0	46.74	-	-	74	-27.26	-	-	0-360	150	H
2	7.965	26.84	PK	36	-22.8	0	40.04	-	-	-	-	68.2	-28.16	0-360	150	V
4	* 10.621	23.45	PK	37.8	-19.3	0	41.95	-	-	74	-32.05	-	-	0-360	150	V
6	* 15.931	23.67	PK	40.7	-18.5	0	45.87	-	-	74	-28.13	-	-	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).

11.2.9.TX ABOVE 1GHz 802.11n HT40 1Tx ANT2 MODE IN THE 5.3GHz BAND AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

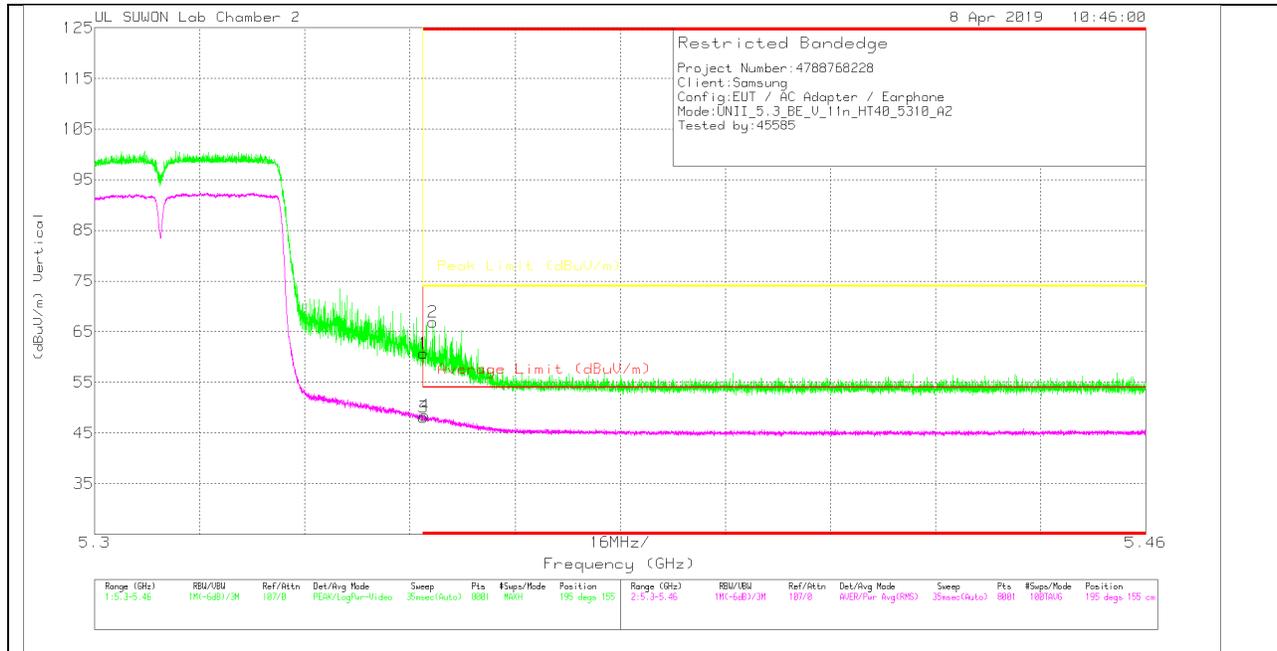
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.43	Pk	34.5	-18.1	0	59.83	-	-	74	-14.17	305	156	H
2	* 5.35	49.87	Pk	34.5	-18.1	0	66.27	-	-	74	-7.73	305	156	H
3	* 5.35	29.37	RMS	34.5	-17.1	.19	46.96	54	-7.04	-	-	305	156	H
4	* 5.35	30.65	RMS	34.5	-17.1	.19	48.24	54	-5.76	-	-	305	156	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	44.32	Pk	34.5	-18.1	0	60.72	-	-	74	-13.28	195	155	V
2	* 5.351	50.49	Pk	34.5	-18.1	0	66.89	-	-	74	-7.11	195	155	V
3	* 5.35	30.48	RMS	34.5	-17.1	-19	48.07	54	-5.93	-	-	195	155	V
4	* 5.35	30.83	RMS	34.5	-17.1	-19	48.42	54	-5.58	-	-	195	155	V

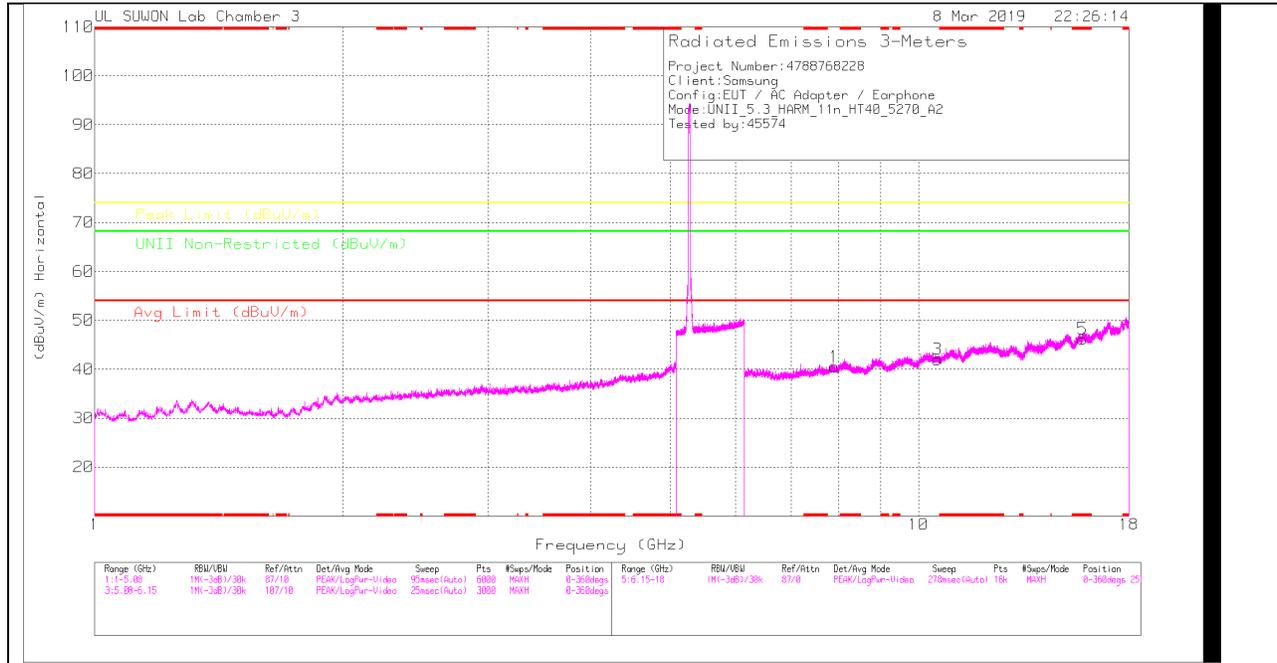
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

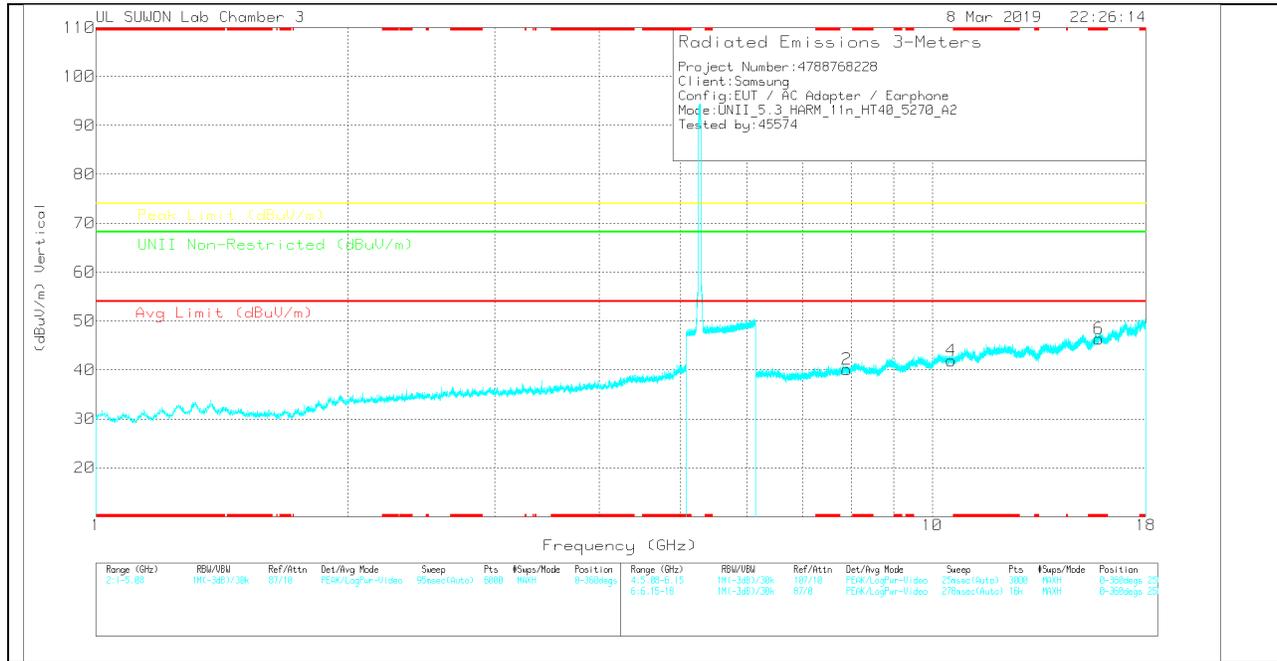
RMS - RMS detection

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

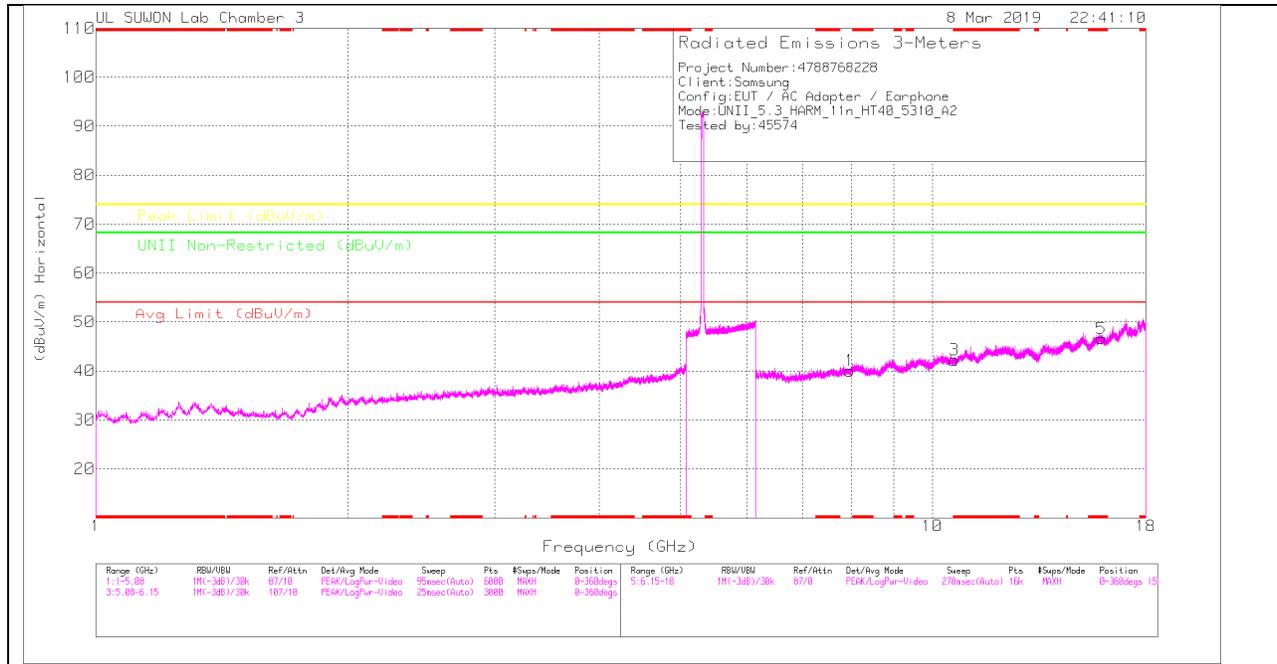
Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117_00209599	60Hz_HR(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	7.907	27.05	PK	36	-22.5	0	40.55	-	-	-	-	68.2	-27.65	0-360	150	H
3	10.541	23.53	PK	37.8	-19.3	0	42.03	-	-	-	-	68.2	-26.17	0-360	150	H
5	* 15.811	24.69	PK	40.5	-19	0	46.19	-	-	74	-27.81	-	-	0-360	150	H
2	7.907	26.6	PK	36	-22.5	0	40.1	-	-	-	-	68.2	-28.1	0-360	150	V
4	10.541	23.41	PK	37.8	-19.3	0	41.91	-	-	-	-	68.2	-26.29	0-360	150	V
6	* 15.811	24.88	PK	40.5	-19	0	46.38	-	-	74	-27.62	-	-	0-360	250	V

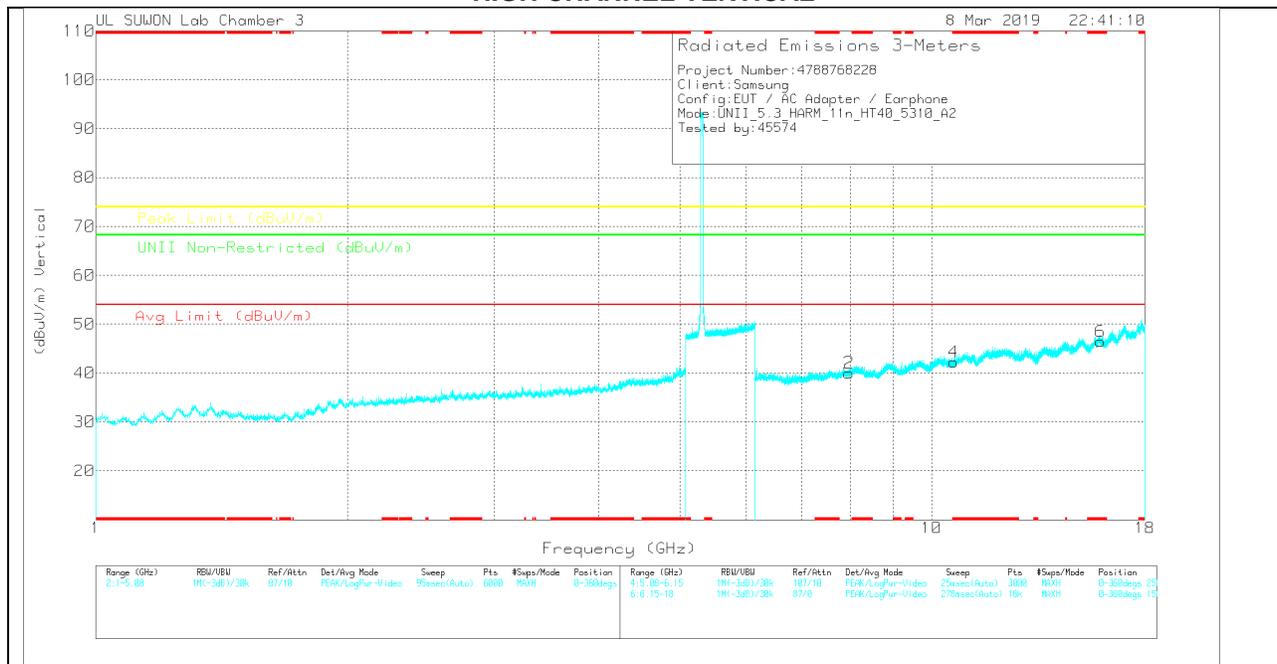
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

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

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

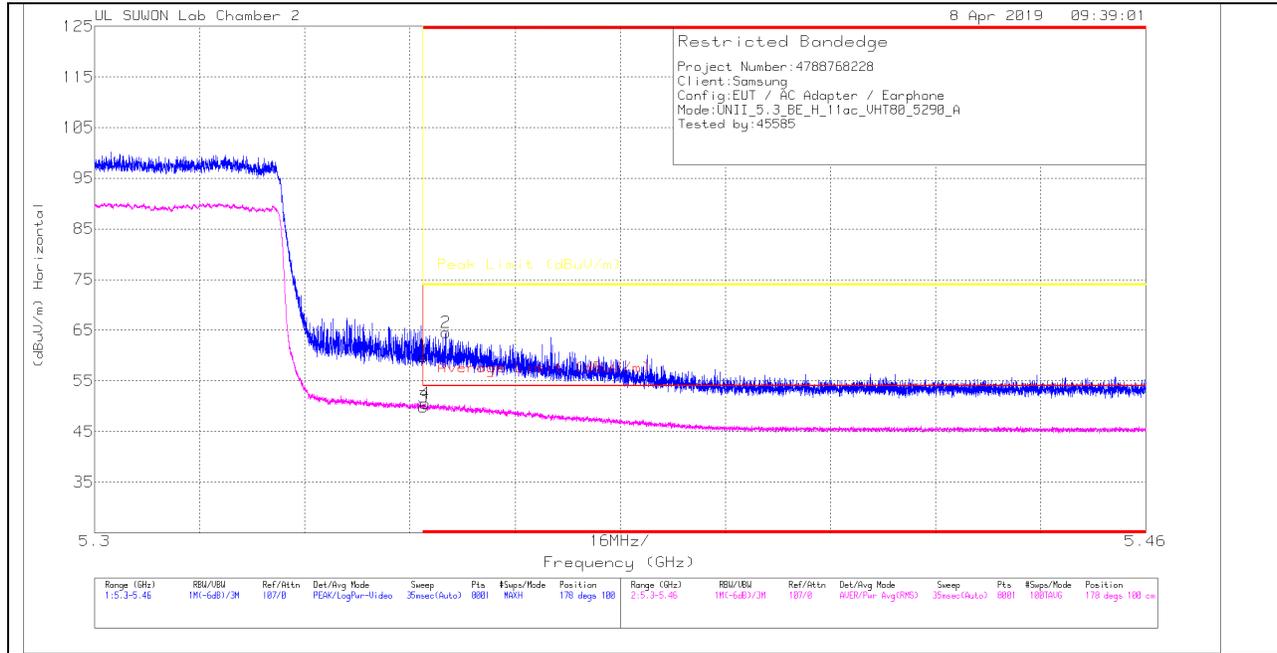
Trace Markers

Marker	Frequency (GHz)	Major Reading (dBuV)	Det	3117_0020999	66Hz_HR(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.969	26.85	PK	36	-22.8	0	40.05	-	-	-	-	68.2	-28.15	0-360	250	H
3	* 10.621	23.72	PK	37.8	-19.3	0	42.22	-	-	74	-31.78	-	-	0-360	150	H
5	* 15.931	24.38	PK	40.7	-18.5	0	46.58	-	-	74	-27.42	-	-	0-360	250	H
2	7.966	26.81	PK	36	-22.8	0	40.01	-	-	-	-	68.2	-28.19	0-360	250	V
4	* 10.622	23.64	PK	37.8	-19.2	0	42.24	-	-	74	-31.76	-	-	0-360	150	V
6	* 15.931	24.28	PK	40.7	-18.5	0	46.48	-	-	74	-27.52	-	-	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).

**11.2.10. TX ABOVE 1GHz 802.11ac VHT80 2Tx CDD MODE IN THE 5.3GHz BAND RESTRICTED BANDEDGE (High CHANNEL)
 HORIZONTAL PEAK AND AVERAGE PLOT**



HORIZONTAL DATA

Trace Markers

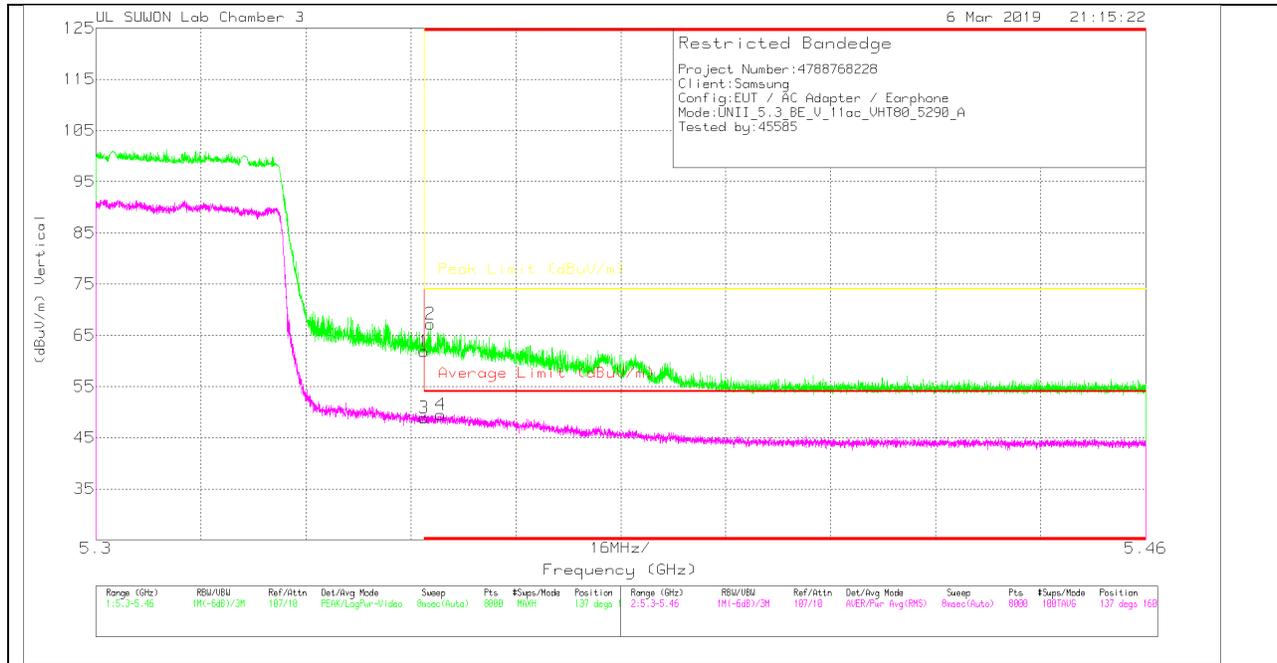
Marker	Frequency (GHz)	Meter Reading (dBu/m)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.39	PK	34.5	-18.1	0	59.79	-	-	74	-14.21	178	100	H
2	* 5.353	48.16	PK	34.5	-18.1	0	64.56	-	-	74	-9.44	178	100	H
3	* 5.35	32.05	RMS	34.5	-17.1	.39	49.84	54	-4.16	-	-	178	100	H
4	* 5.35	32.74	RMS	34.5	-17.1	.39	50.53	54	-3.47	-	-	178	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

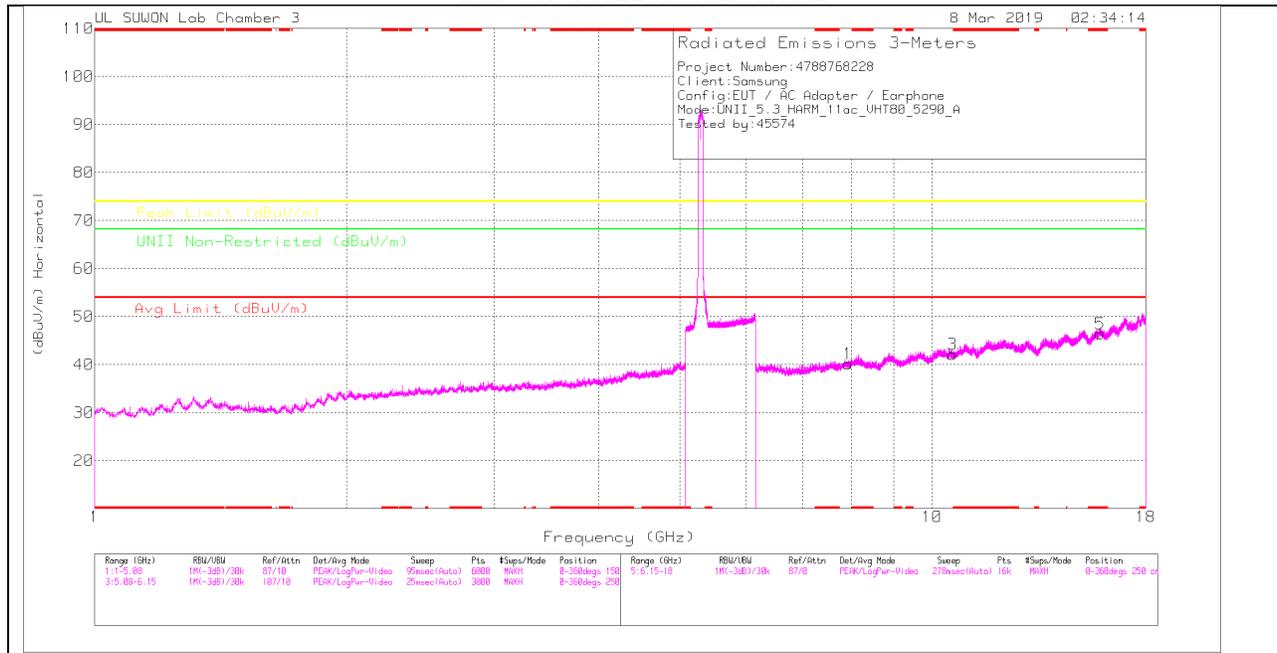
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	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	45.89	Pk	34.7	-18.7	0	61.89	-	-	74	-12.11	137	160	V
2	* 5.351	51.22	Pk	34.7	-18.7	0	67.22	-	-	74	-6.78	137	160	V
3	* 5.35	32.89	RMS	34.7	-19.1	-39	48.88	54	-5.12	-	-	137	160	V
4	* 5.353	33.53	RMS	34.7	-19.1	-39	49.52	54	-4.48	-	-	137	160	V

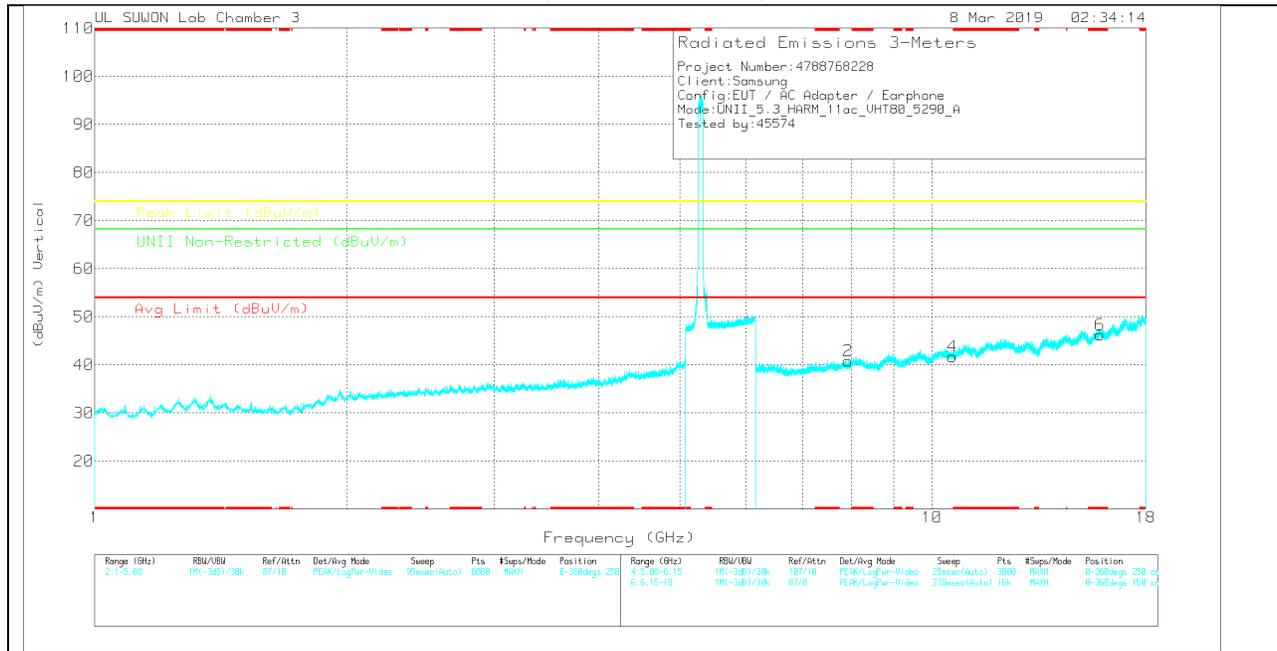
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 Pk - Peak detector
 RMS - RMS detection

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

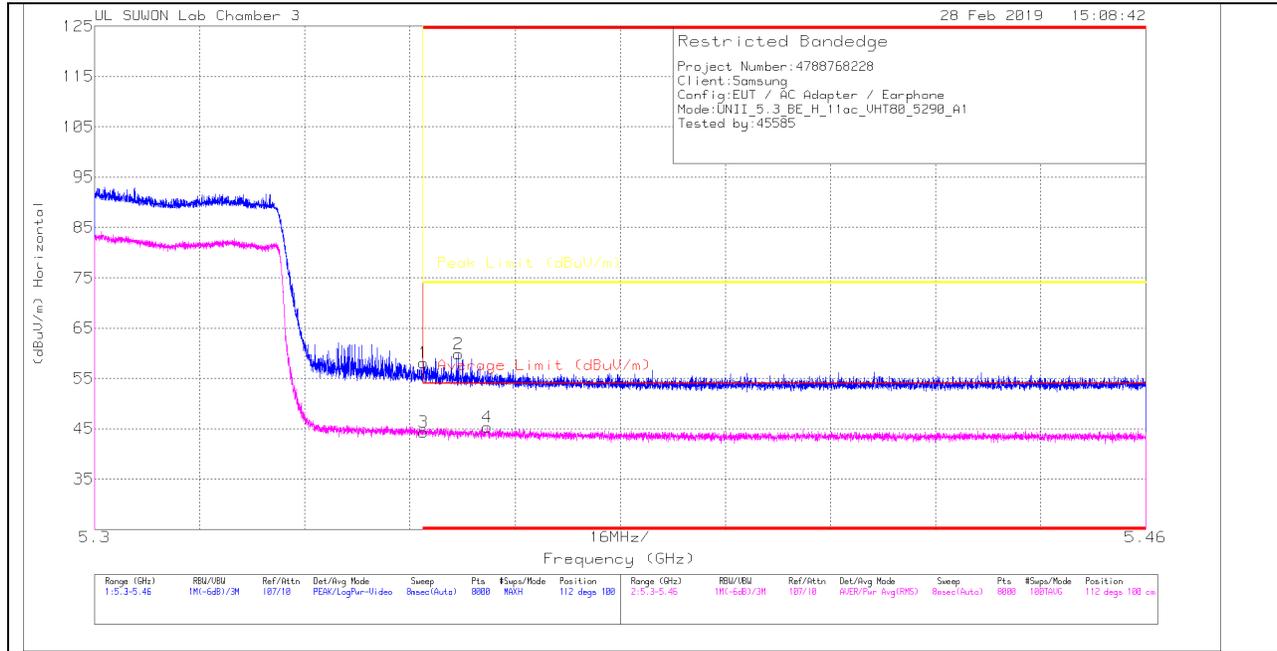
Trace Markers

Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00209599	60Hz_HR(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	7.936	26.75	PK	36	-22.6	0	40.15	-	-	-	-	68.2	-28.05	0-360	250	H
3	10.581	23.62	PK	37.8	-19.3	0	42.12	-	-	-	-	68.2	-26.08	0-360	149	H
5	* 15.87	24.61	PK	40.6	-18.8	0	46.41	-	-	74	-27.59	-	-	0-360	250	H
2	7.936	27.48	PK	36	-22.6	0	40.88	-	-	-	-	68.2	-27.32	0-360	250	V
4	10.581	23.18	PK	37.8	-19.3	0	41.68	-	-	-	-	68.2	-26.52	0-360	250	V
6	* 15.871	24.43	PK	40.6	-18.7	0	46.33	-	-	74	-27.67	-	-	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).

11.2.11. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT1 IN THE 5.3GHz BAND RESTRICTED BANDEDGE (High CHANNEL) HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

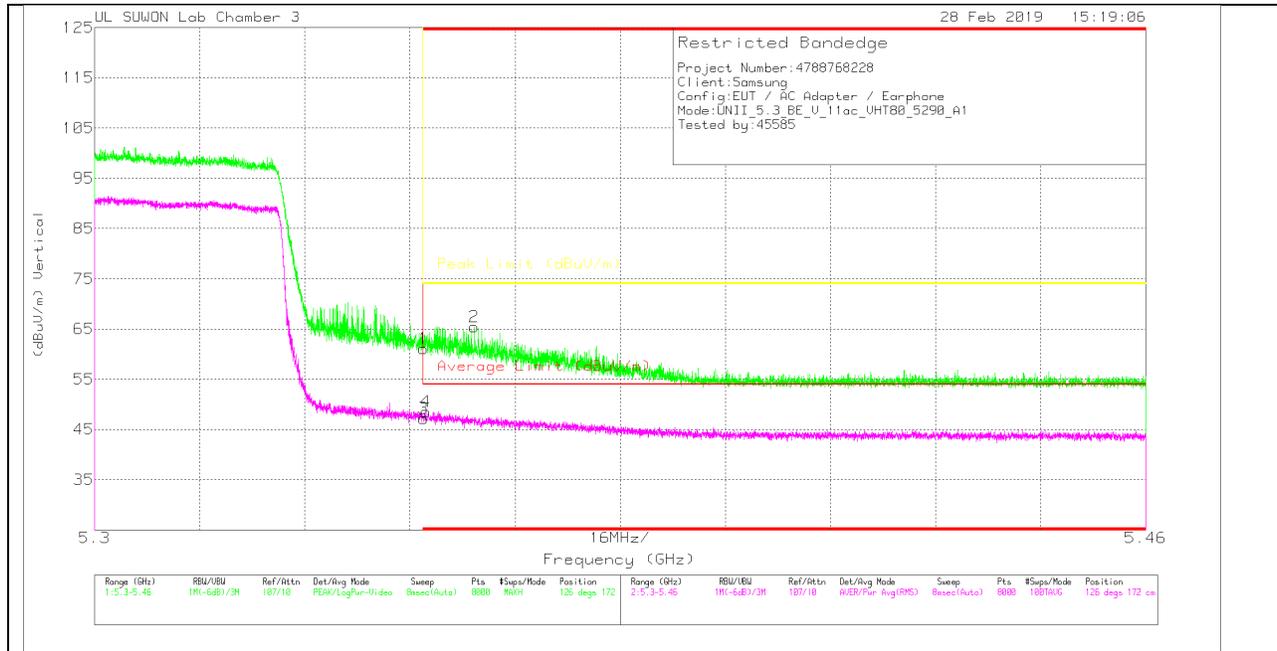
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00205959	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	42.08	Pk	34.7	-18.7	0	58.08	-	-	74	-15.92	112	100	H
2	* 5.355	44	Pk	34.7	-18.8	0	59.9	-	-	74	-14.1	112	100	H
3	* 5.35	28.37	RMS	34.7	-19.1	.39	44.36	54	-9.64	-	-	112	100	H
4	* 5.36	29.35	RMS	34.7	-19.1	.39	45.34	54	-8.66	-	-	112	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_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	45.15	Pk	34.7	-18.7	0	61.15	-	-	74	-12.85	126	172	V
2	* 5.358	49.47	Pk	34.7	-18.7	0	65.47	-	-	74	-8.53	126	172	V
3	* 5.35	31.21	RMS	34.7	-19.1	.39	47.2	54	-6.8	-	-	126	172	V
4	* 5.35	32.58	RMS	34.7	-19.1	.39	48.57	54	-5.43	-	-	126	172	V

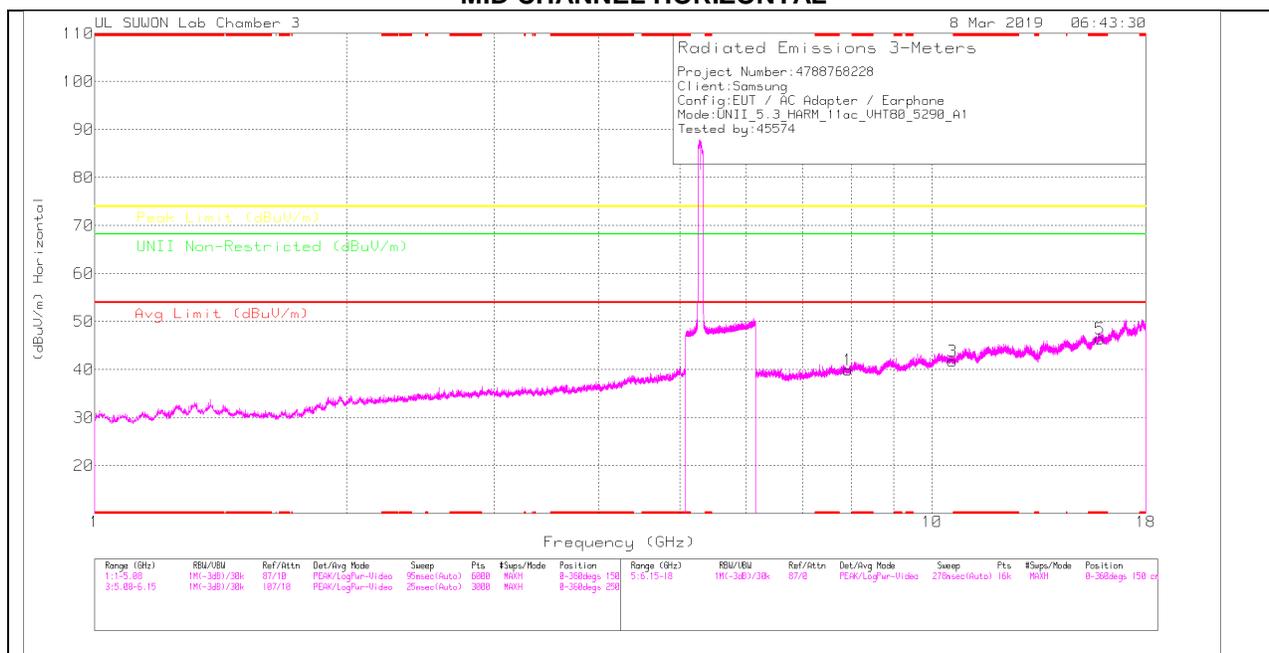
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

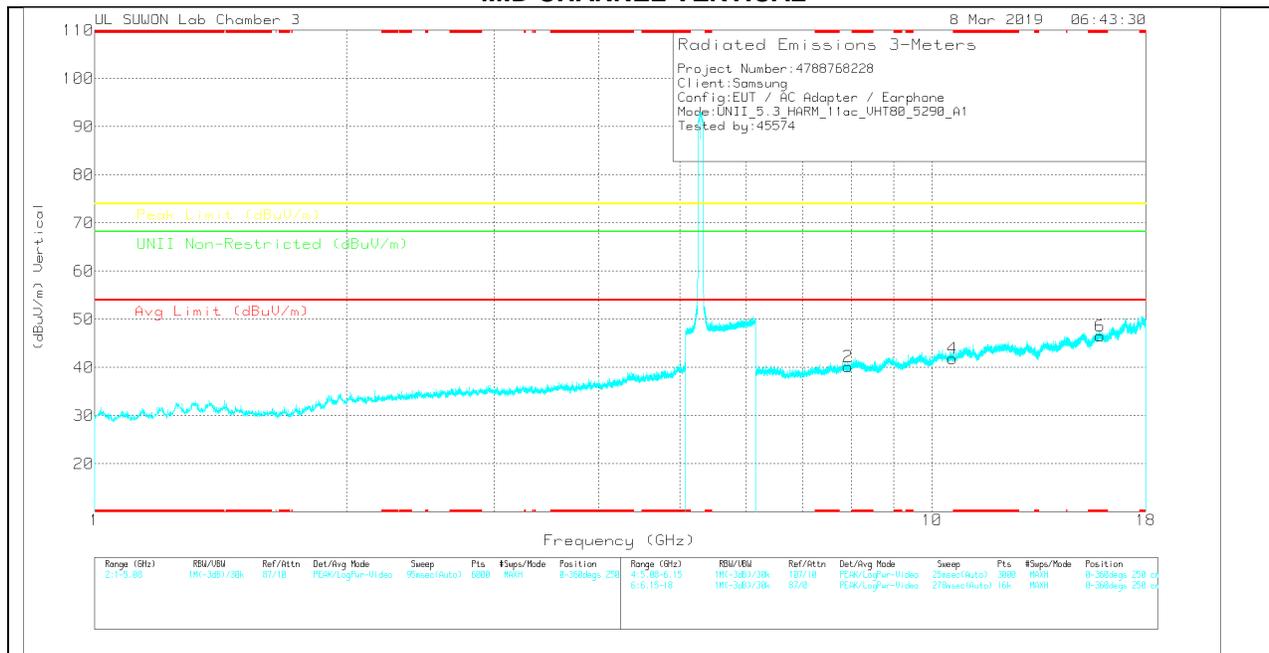
RMS - RMS detection

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

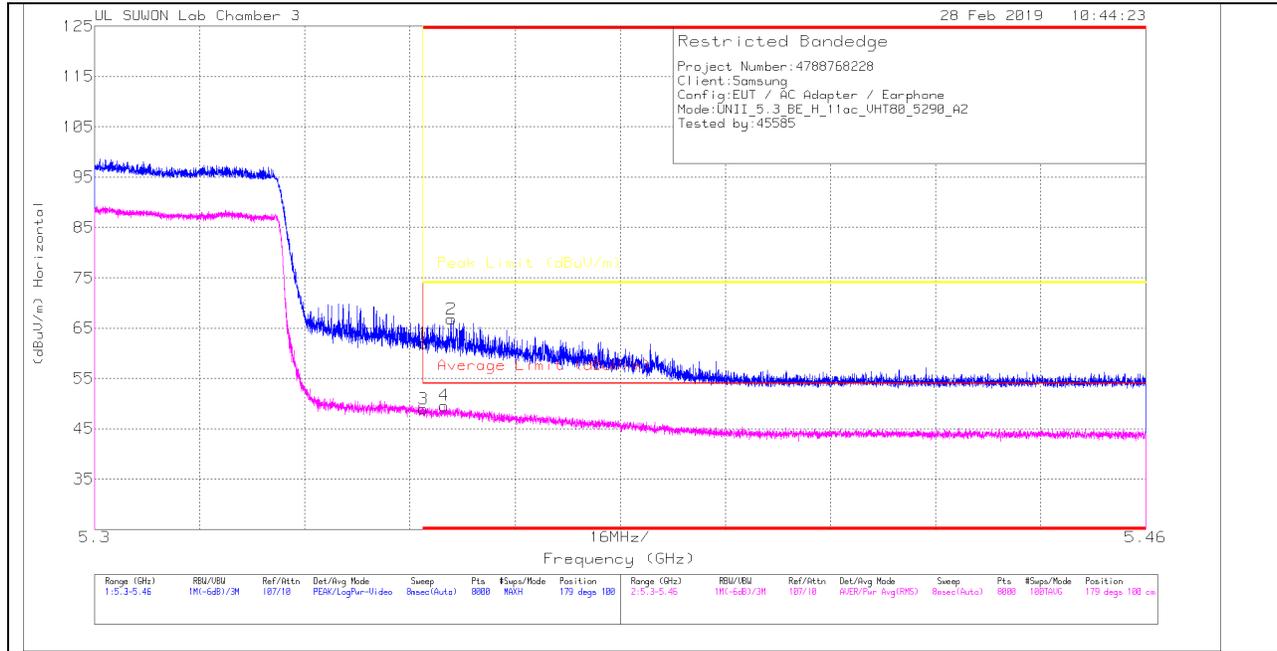
Marker	Frequency (GHz)	Meas Reading (dBuV)	Det	3117_00209599	GM1_H1(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.937	26.58	PK	36	-22.7	0	39.88	-	-	-	-	68.2	-28.32	0-360	250	H
3	10.581	23.22	PK	37.8	-19.3	0	41.72	-	-	-	-	68.2	-26.48	0-360	250	H
5	* 15.871	24.56	PK	40.6	-18.7	0	46.46	-	-	74	-27.54	-	-	0-360	250	H
2	7.936	26.75	PK	36	-22.6	0	40.15	-	-	-	-	68.2	-28.05	0-360	150	V
4	10.581	23.38	PK	37.8	-19.3	0	41.88	-	-	-	-	68.2	-26.32	0-360	250	V
6	* 15.871	24.65	PK	40.6	-18.7	0	46.55	-	-	74	-27.45	-	-	0-360	150	V

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

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

C

11.2.12. TX ABOVE 1GHz 802.11ac VHT80 1Tx ANT2 IN THE 5.3GHz BAND RESTRICTED BANDEDGE (High CHANNEL) HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

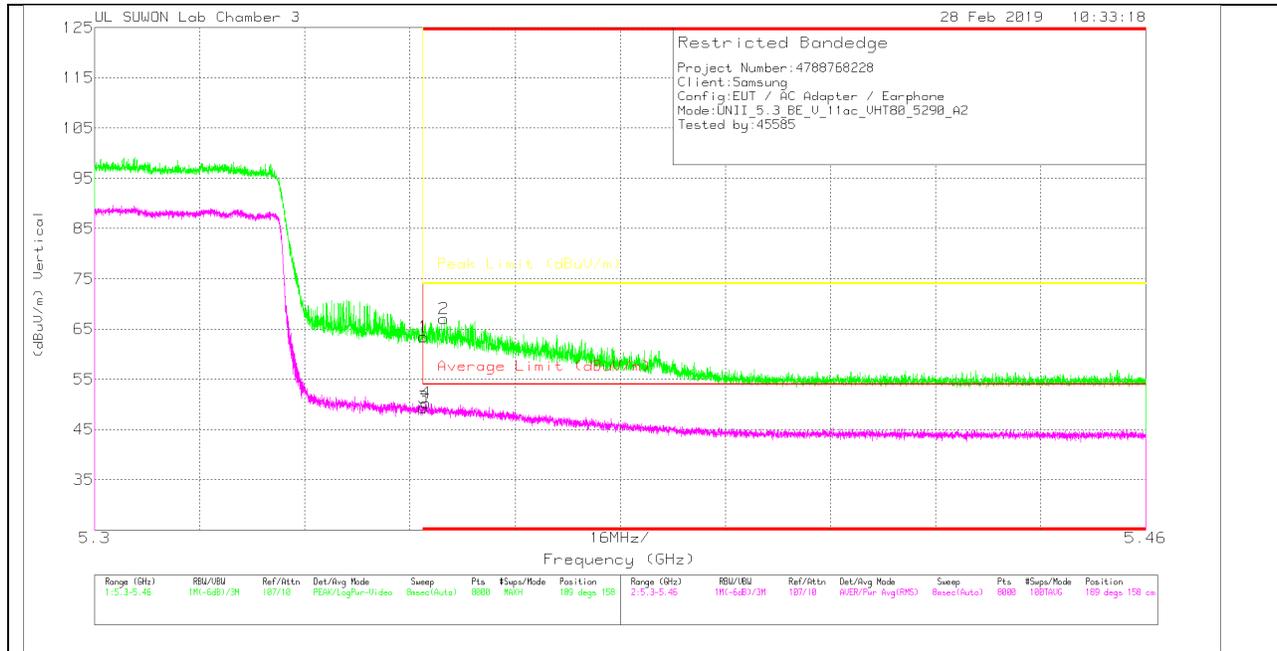
Marker	Frequency (GHz)	Meter Reading (dBu)	Det	3117_00209599	10dB(dB)	DC Corr (dB)	Corrected Reading (dBu/m)	Average Limit (dBu/m)	Margin (dB)	Peak Limit (dBu/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	45.94	Pk	34.7	-18.7	0	61.94	-	-	74	-12.06	179	100	H
2	* 5.354	50.84	Pk	34.7	-18.7	0	66.84	-	-	74	-7.16	179	100	H
3	* 5.35	32.91	RMS	34.7	-19.1	.39	48.9	54	-5.1	-	-	179	100	H
4	* 5.353	33.62	RMS	34.7	-19.1	.39	49.61	54	-4.39	-	-	179	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_00205959	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	47.42	Pk	34.7	-18.7	0	63.42	-	-	74	-10.58	189	158	V
2	* 5.353	51.13	Pk	34.7	-18.8	0	67.03	-	-	74	-6.97	189	158	V
3	* 5.35	33.37	RMS	34.7	-19.1	.39	49.36	54	-4.64	-	-	189	158	V
4	* 5.35	34.3	RMS	34.7	-19.1	.39	50.29	54	-3.71	-	-	189	158	V

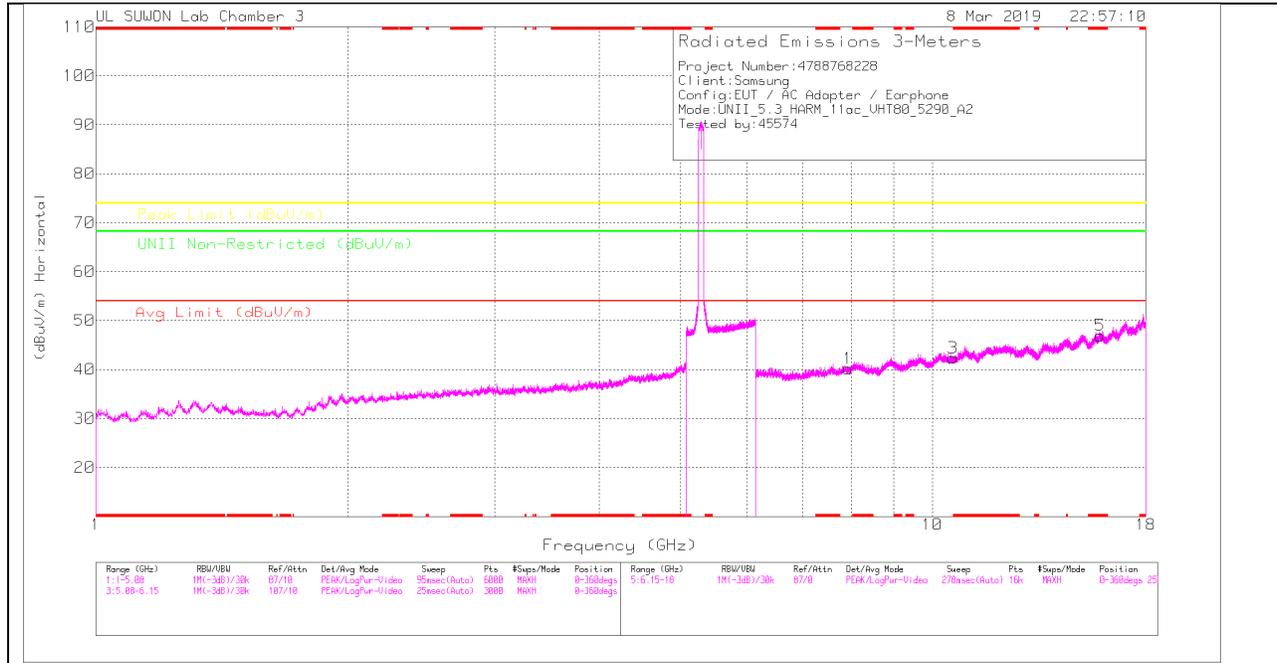
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

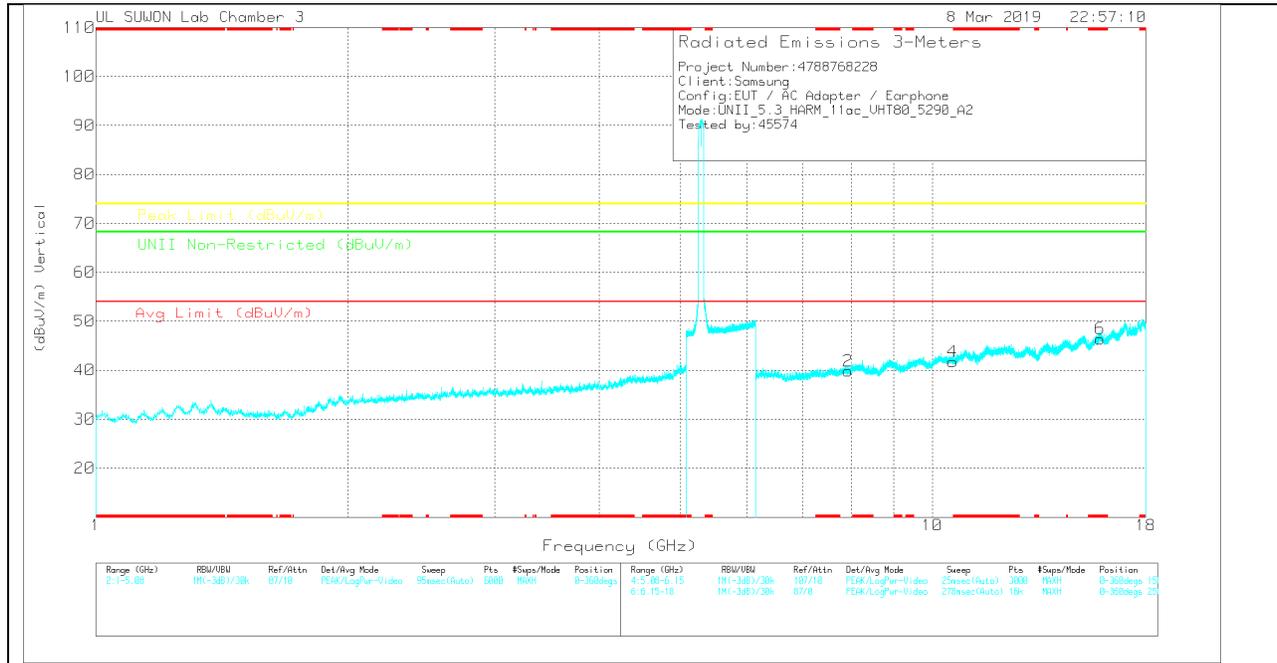
RMS - RMS detection

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)	Meas Reading (dBuV)	Det	3117_03209599	GM1_HR(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	7.936	26.77	PK	36	-22.6	0	40.17	-	-	-	-	68.2	-28.03	0-360	150	H
3	10.581	23.87	PK	37.8	-19.3	0	42.37	-	-	-	-	68.2	-25.83	0-360	150	H
5	* 15.871	25.05	PK	40.6	-18.7	0	46.95	-	-	74	-27.05	-	-	0-360	250	H
2	7.936	26.4	PK	36	-22.6	0	39.8	-	-	-	-	68.2	-28.4	0-360	150	V
4	10.581	23.25	PK	37.8	-19.3	0	41.75	-	-	-	-	68.2	-26.45	0-360	150	V
6	* 15.871	24.51	PK	40.6	-18.7	0	46.41	-	-	74	-27.59	-	-	0-360	250	V

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

PK – Peak detector

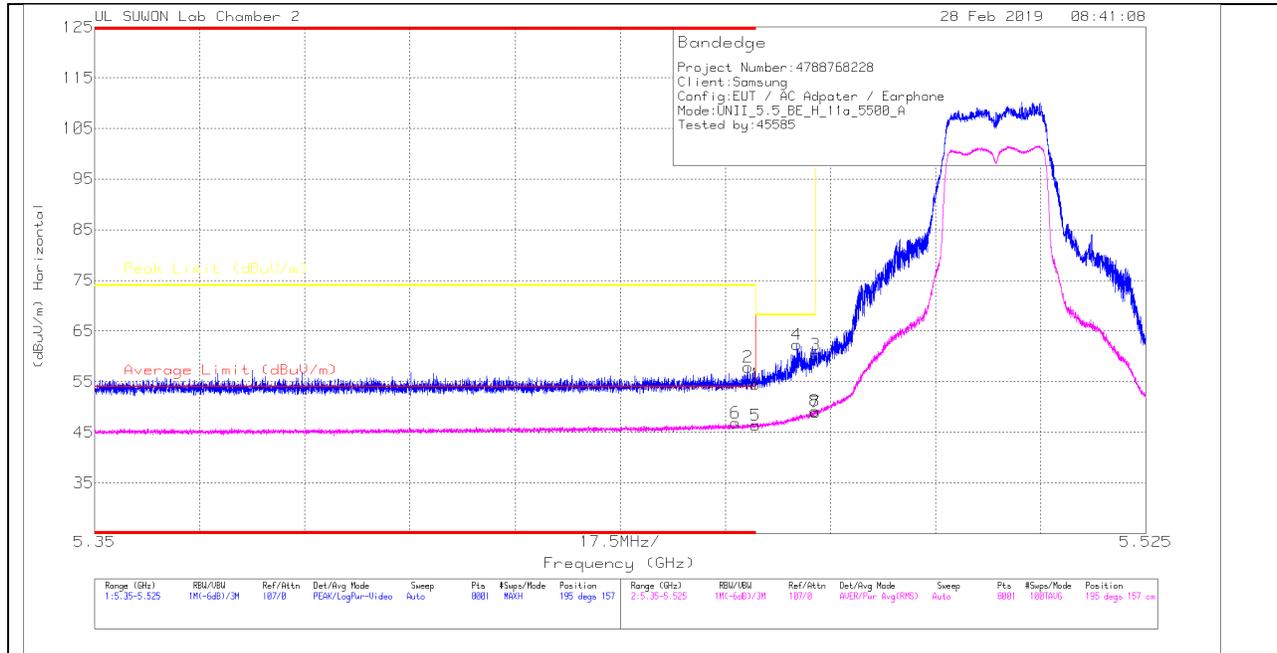
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3. 5.5-5.6 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

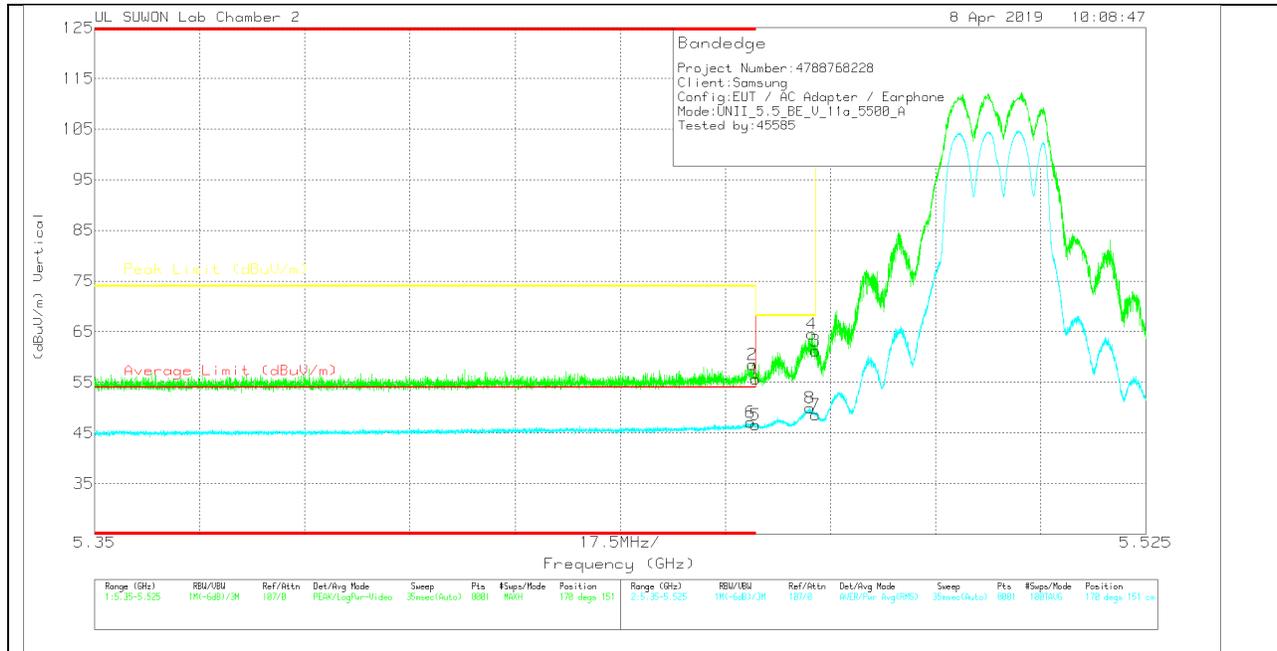
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	38.09	Pk	34.6	-18.2	0	54.49	-	-	74	-19.51	195	157	H
2	* 5.459	41.42	Pk	34.6	-18.2	0	57.82	-	-	74	-16.18	195	157	H
3	5.47	43.79	Pk	34.6	-18.1	0	60.29	-	-	68.2	-7.91	195	157	H
4	5.467	45.93	Pk	34.6	-18.2	0	62.33	-	-	68.2	-5.87	195	157	H
5	* 5.46	28.29	RMS	34.6	-16.9	.39	46.38	54	-7.62	-	-	195	157	H
6	* 5.457	28.76	RMS	34.6	-16.9	.39	46.85	54	-7.15	-	-	195	157	H
7	5.47	30.86	RMS	34.6	-16.9	.39	48.95	-	-	-	-	195	157	H
8	5.47	31.1	RMS	34.6	-16.9	.39	49.19	-	-	-	-	195	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 (Degs)	Height (cm)	Polarity
1	* 5.46	39.23	Pk	34.6	-18.2	0	55.63	-	-	74	-18.37	170	151	V
2	* 5.46	42.09	Pk	34.6	-18.2	0	58.49	-	-	74	-15.51	170	151	V
3	5.47	44.7	Pk	34.6	-18.1	0	61.2	-	-	68.2	-7	170	151	V
4	5.469	48.05	Pk	34.6	-18.1	0	64.55	-	-	68.2	-3.65	170	151	V
5	* 5.46	28.9	RMS	34.6	-16.9	0	46.6	54	-7.4	-	-	170	151	V
6	* 5.459	29.44	RMS	34.6	-16.9	0	47.14	54	-6.86	-	-	170	151	V
7	5.47	30.93	RMS	34.6	-16.9	0	48.63	-	-	-	-	170	151	V
8	5.469	32.21	RMS	34.6	-16.9	0	49.91	-	-	-	-	170	151	V

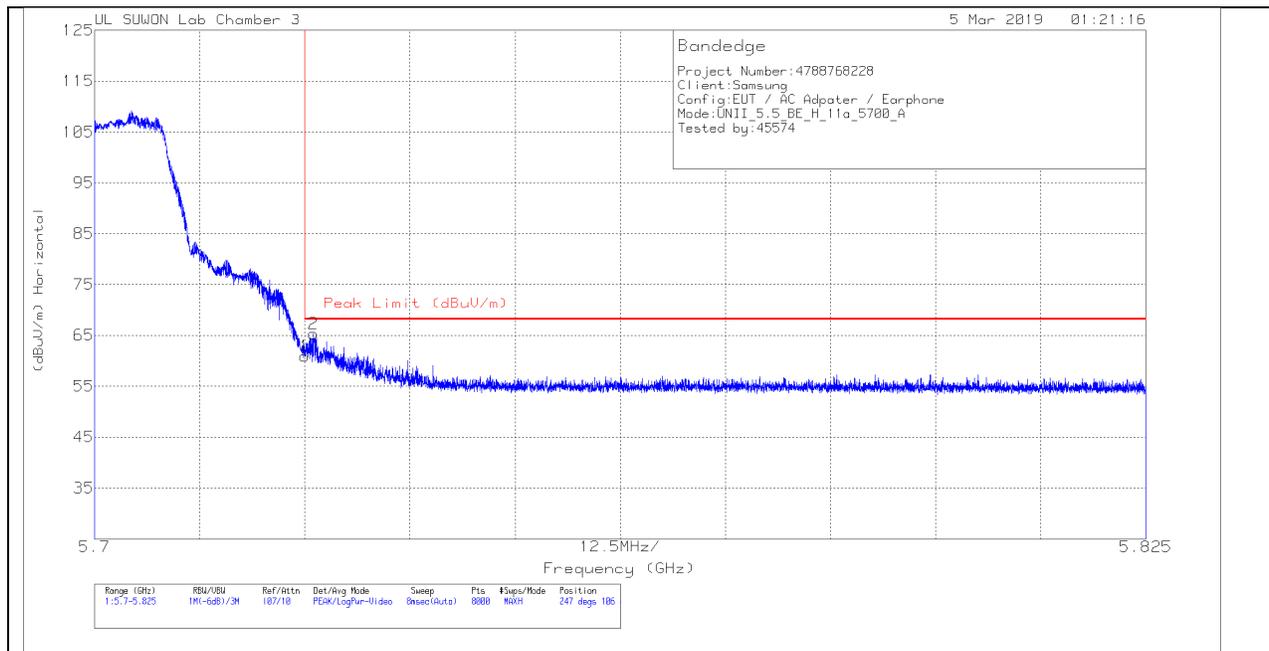
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



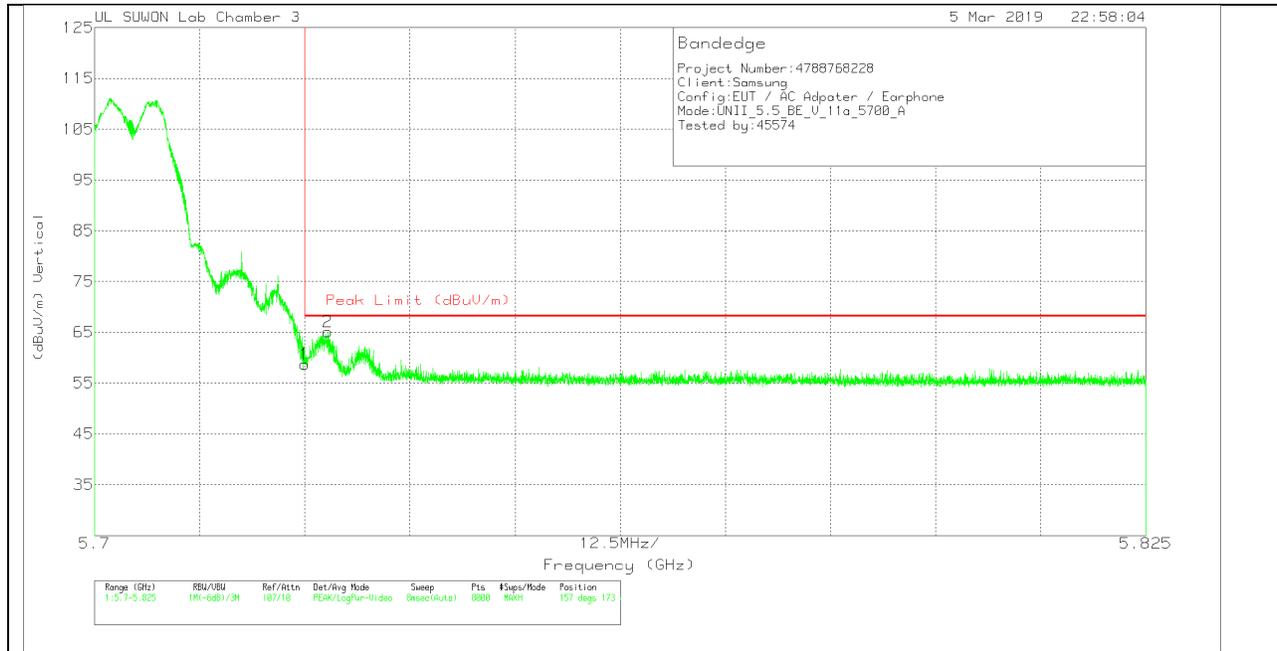
HORIZONTAL DATA

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	44.08	Pk	34.8	-17.9	60.98	68.2	-7.22	247	106	H
2	5.726	48.46	Pk	34.8	-17.9	65.36	68.2	-2.84	247	106	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

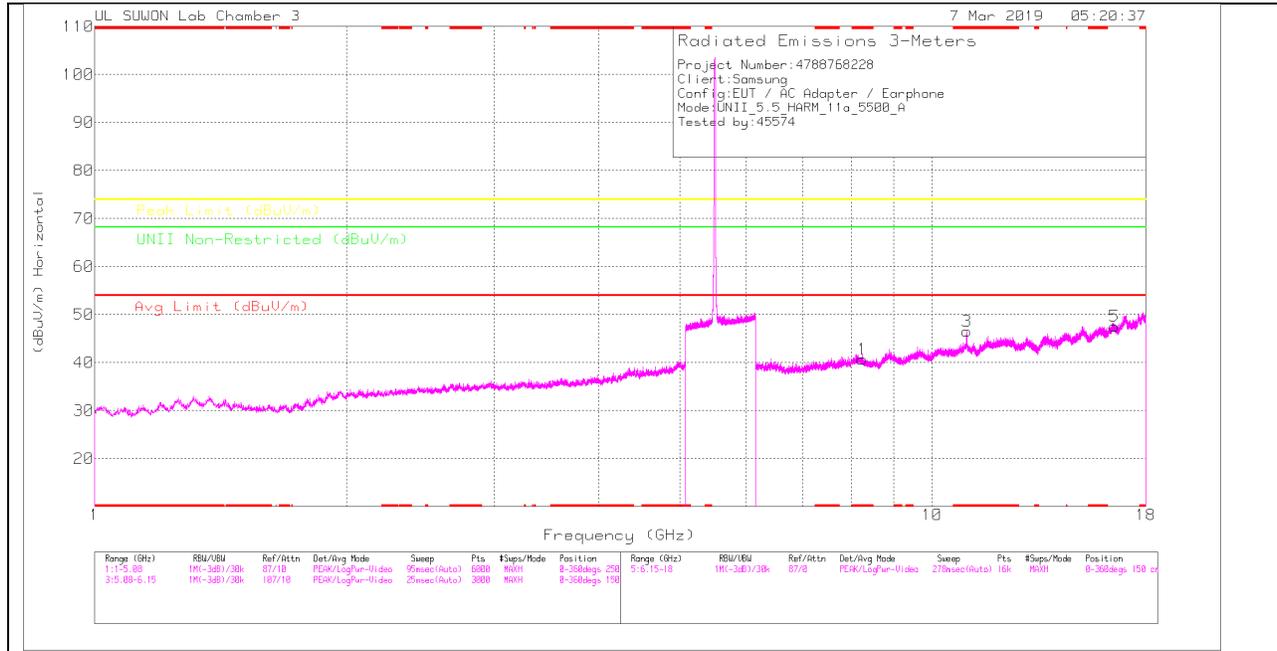
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.81	Pk	34.8	-17.9	0	58.71	68.2	-9.49	157	173	V
2	5.728	48.33	Pk	34.8	-18	0	65.13	68.2	-3.07	157	173	V

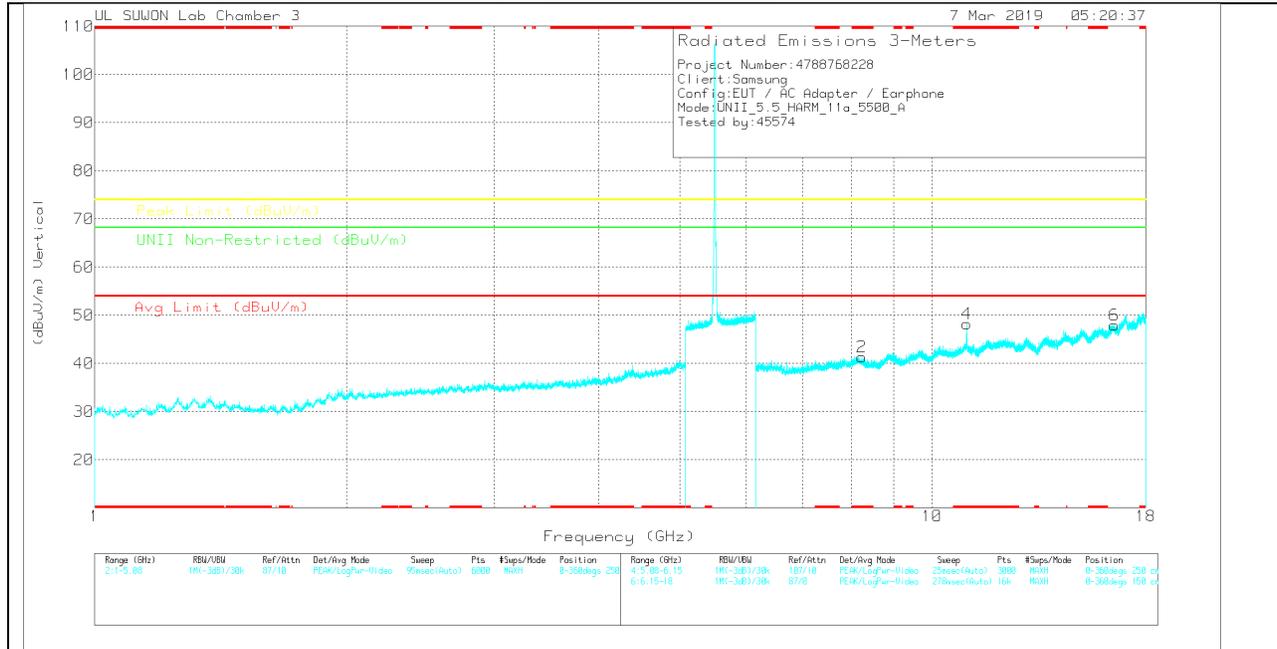
Pk - Peak detector

HARMONICS AND SPURIOUS EMISSIONS

LOW CHANNEL HORIZONTAL



LOW CHANNEL VERTICAL



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

LOW CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 8.251	26.39	PK	36.4	-22.1	0	40.69	-	-	74	-33.31	-	-	0-360	150	H
3	* 11.001	27.82	PK	38.2	-19.5	0	46.52	-	-	74	-27.48	-	-	0-360	250	H
5	16.499	24.02	PK	40.9	-17.3	0	47.62	-	-	-	-	68.2	-20.58	0-360	250	H
2	* 8.249	27.08	PK	36.4	-22.1	0	41.38	-	-	74	-32.62	-	-	0-360	150	V
4	* 10.998	29.41	PK	38.2	-19.4	0	48.21	-	-	74	-25.79	-	-	0-360	250	V
6	16.5	24.32	PK	40.9	-17.3	0	47.92	-	-	-	-	68.2	-20.28	0-360	250	V

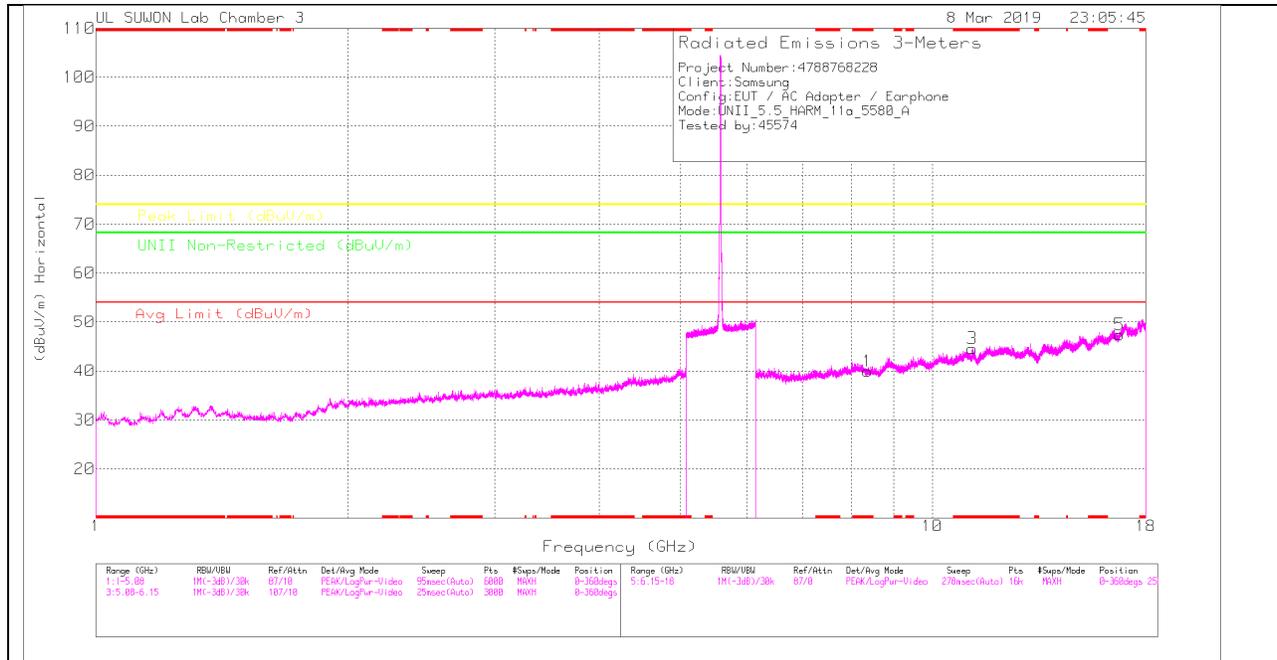
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

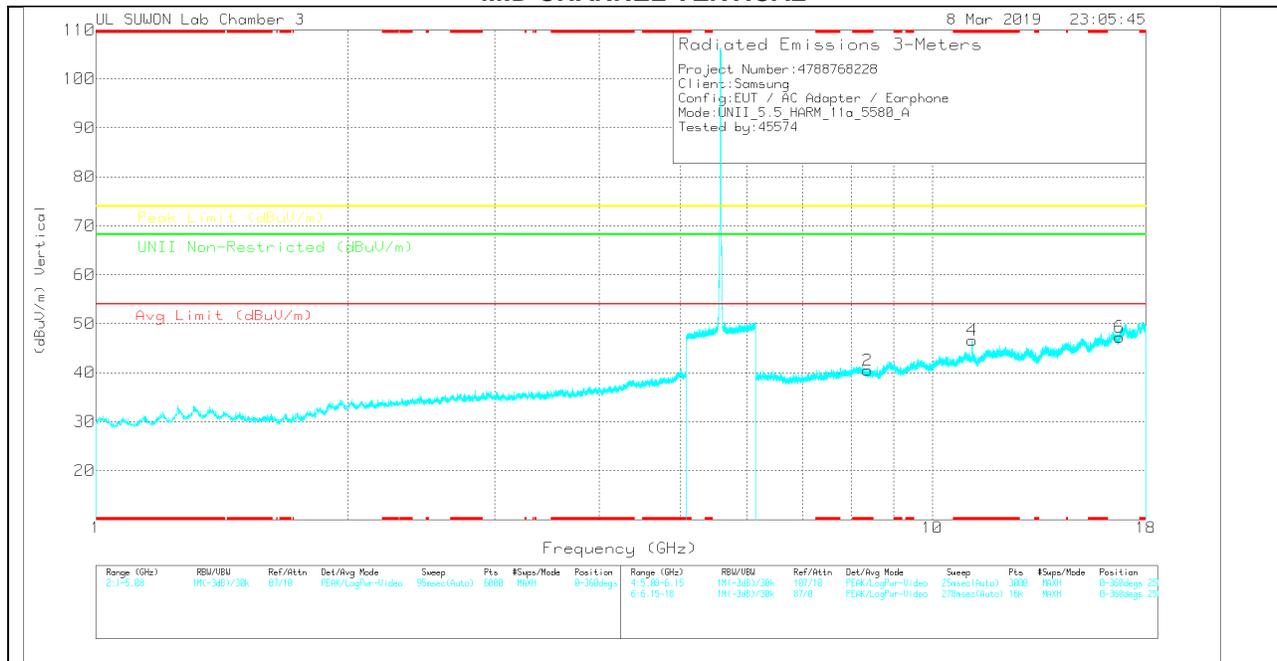
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 11.007	36.91	PK-U	38.2	-19.5	0	55.61	-	-	74	-18.39	-	-	81	147	H
* 11.002	25.65	ADR	38.2	-19.4	0	44.45	54	-9.55	-	-	-	-	81	147	H
* 11.001	38.07	PK-U	38.2	-19.4	0	56.87	-	-	74	-17.13	-	-	107	128	V
* 11.001	25.82	ADR	38.2	-19.4	0	44.62	54	-9.38	-	-	-	-	107	128	V

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Agc Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/N Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 8.369	25.65	PK	36.3	-22	0	39.95	-	-	74	-34.05	-	-	0-360	149	H
3	* 11.163	25.99	PK	38.3	-19.7	0	44.59	-	-	74	-29.41	-	-	0-360	149	H
5	16.741	22.89	PK	41.3	-16.8	0	47.39	-	-	-	-	68.2	-20.81	0-360	149	H
2	* 8.371	26.18	PK	36.3	-22	0	40.48	-	-	74	-33.52	-	-	0-360	250	V
4	* 11.161	27.88	PK	38.3	-19.6	0	46.58	-	-	74	-27.42	-	-	0-360	250	V
6	16.741	22.76	PK	41.3	-16.8	0	47.26	-	-	-	-	68.2	-20.94	0-360	149	V

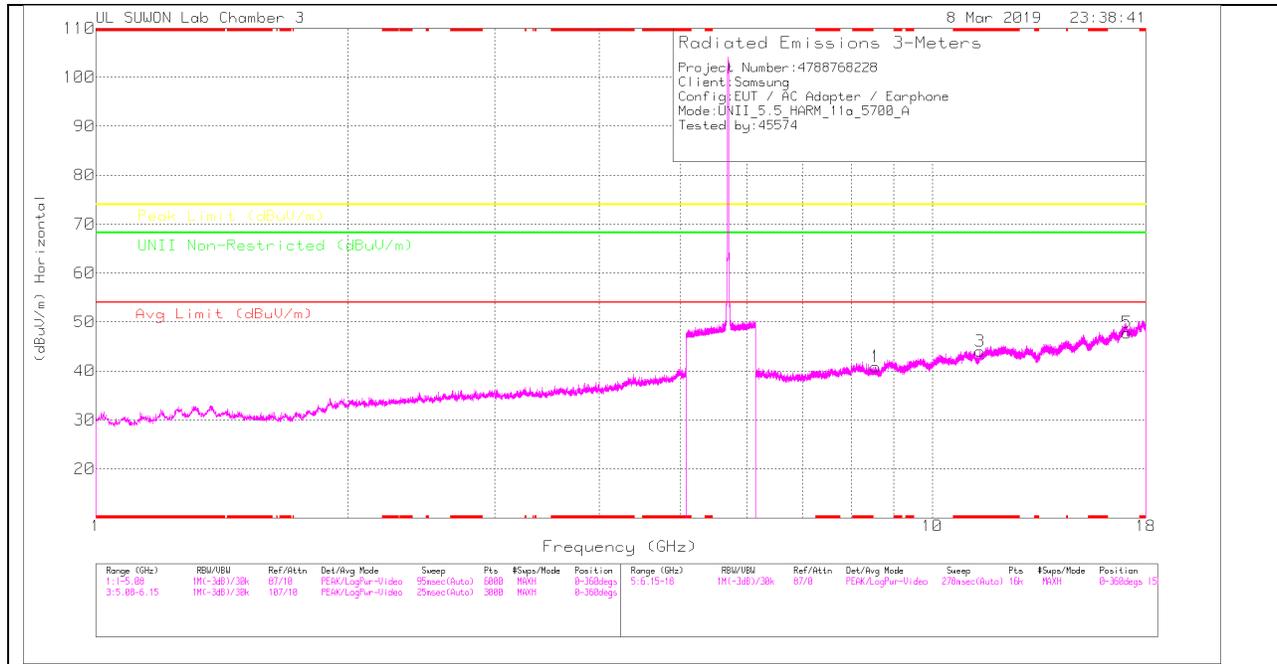
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

Radiated Emissions

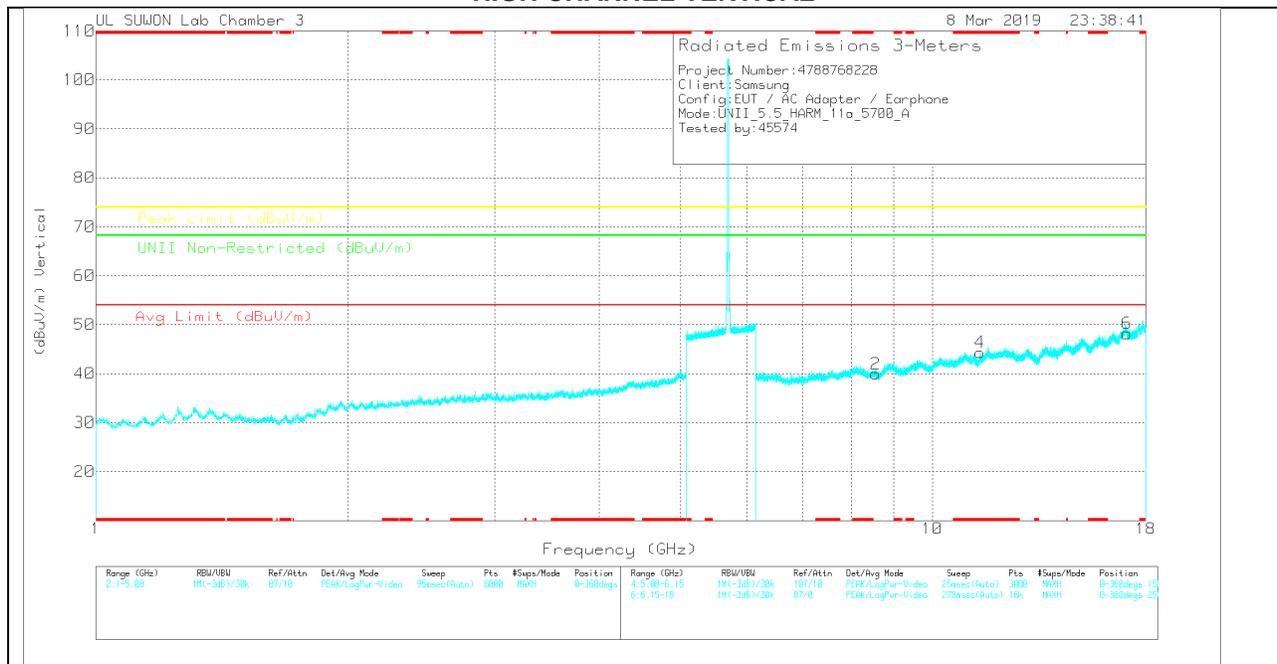
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Agc Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/N Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 11.167	34.01	PK-U	38.3	-19.7	0	52.61	-	-	74	-21.39	-	-	81	147	H
* 11.162	24.55	ADR	38.3	-19.7	0	43.15	54	-10.85	-	-	-	-	81	147	H
* 11.155	33.39	PK-U	38.3	-19.7	0	51.99	-	-	74	-22.01	-	-	107	128	V
* 11.163	24.19	ADR	38.3	-19.7	0	42.79	54	-11.21	-	-	-	-	107	128	V

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

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)	Meas Reading (dBuV)	Det	3117_00209599	60Hz_HR(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	8.552	25.87	PK	36.3	-21.3	0	40.87	-	-	-	-	68.2	-27.33	0-360	250	H
3	*11.403	25.06	PK	38.5	-19.5	0	44.06	-	-	74	-29.94	-	-	0-360	250	H
5	17.099	22.32	PK	41.6	-16.1	0	47.82	-	-	-	-	68.2	-20.38	0-360	250	H
2	8.552	24.96	PK	36.3	-21.3	0	39.96	-	-	-	-	68.2	-28.24	0-360	150	V
4	*11.401	25.43	PK	38.5	-19.6	0	44.33	-	-	74	-29.67	-	-	0-360	250	V
6	17.1	22.82	PK	41.6	-16.2	0	48.22	-	-	-	-	68.2	-19.98	0-360	150	V

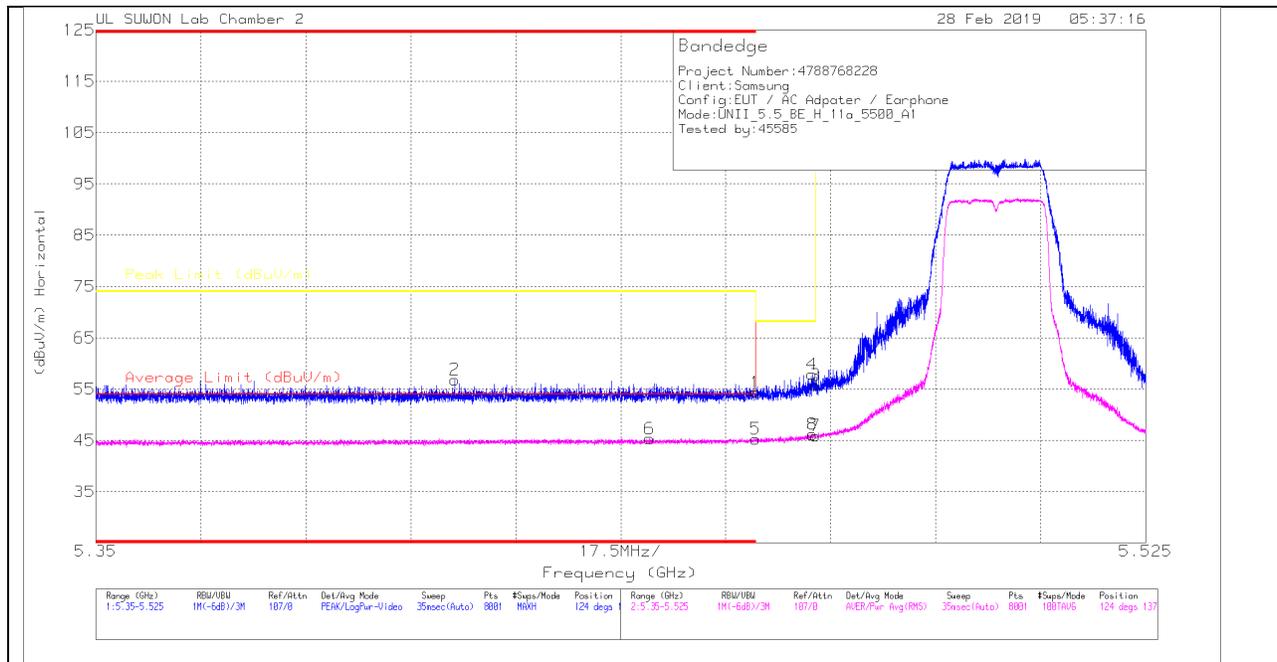
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak Detector

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 1 GHz 802.11a 1Tx ANT1 IN THE 5.5 GHz BAND

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

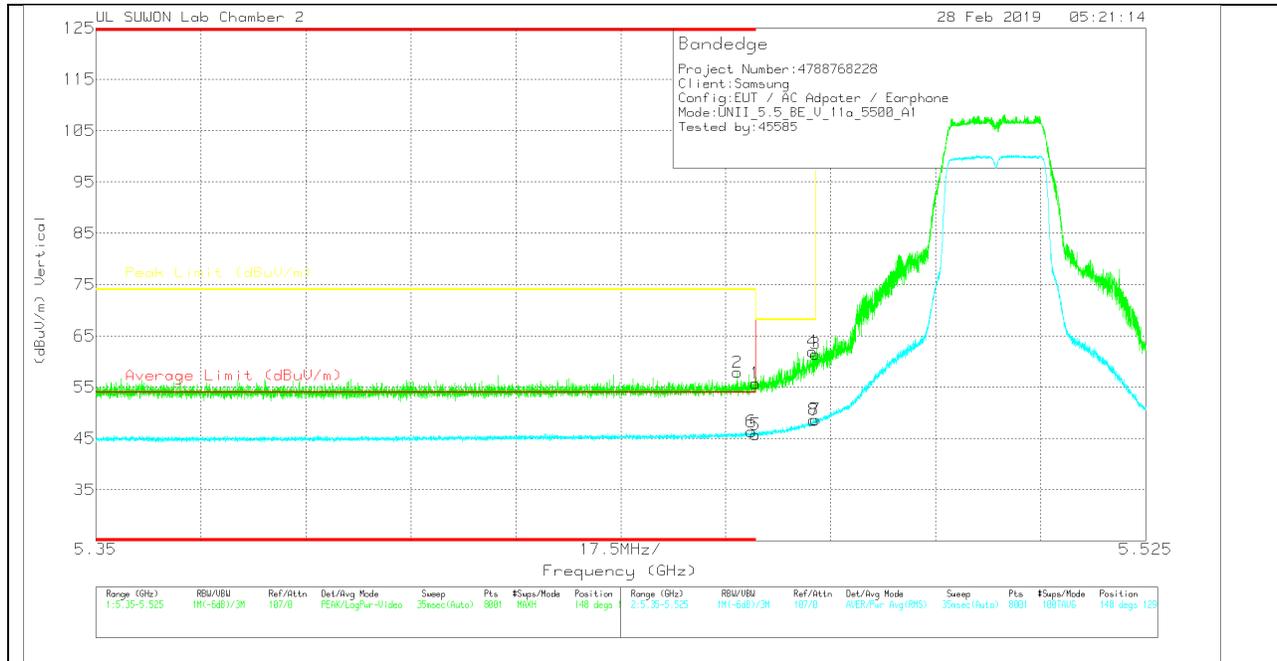
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB[db]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	37.99	Pk	34.6	-18.2	0	54.39	-	-	74	-19.61	124	137	H
2	* 5.41	40.54	Pk	34.5	-18.2	0	56.84	-	-	74	-17.16	124	137	H
3	5.47	39.24	Pk	34.6	-18.1	0	55.74	-	-	68.2	-12.46	124	137	H
4	5.469	41.39	Pk	34.6	-18.1	0	57.89	-	-	68.2	-10.31	124	137	H
5	* 5.46	27.59	RMS	34.6	-16.9	0	45.29	54	-8.71	-	-	124	137	H
6	* 5.442	27.75	RMS	34.5	-16.9	0	45.35	54	-8.65	-	-	124	137	H
7	5.47	28.19	RMS	34.6	-16.9	0	45.89	-	-	-	-	124	137	H
8	5.469	28.48	RMS	34.6	-16.9	0	46.18	-	-	-	-	124	137	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00168724	10dB(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.46	39.34	Pk	34.6	-18.2	0	55.74	-	-	74	-18.26	148	129	V
2	* 5.457	41.5	Pk	34.6	-18.2	0	57.9	-	-	74	-16.1	148	129	V
3	5.47	44.99	Pk	34.6	-18.1	0	61.49	-	-	68.2	-6.71	148	129	V
4	5.469	45.46	Pk	34.6	-18.1	0	61.96	-	-	68.2	-6.24	148	129	V
5	* 5.46	28.05	RMS	34.6	-16.9	0	45.75	54	-8.25	-	-	148	129	V
6	* 5.459	28.68	RMS	34.6	-16.9	0	46.38	54	-7.62	-	-	148	129	V
7	5.47	30.98	RMS	34.6	-16.9	0	48.68	-	-	-	-	148	129	V
8	5.47	30.91	RMS	34.6	-16.9	0	48.61	-	-	-	-	148	129	V

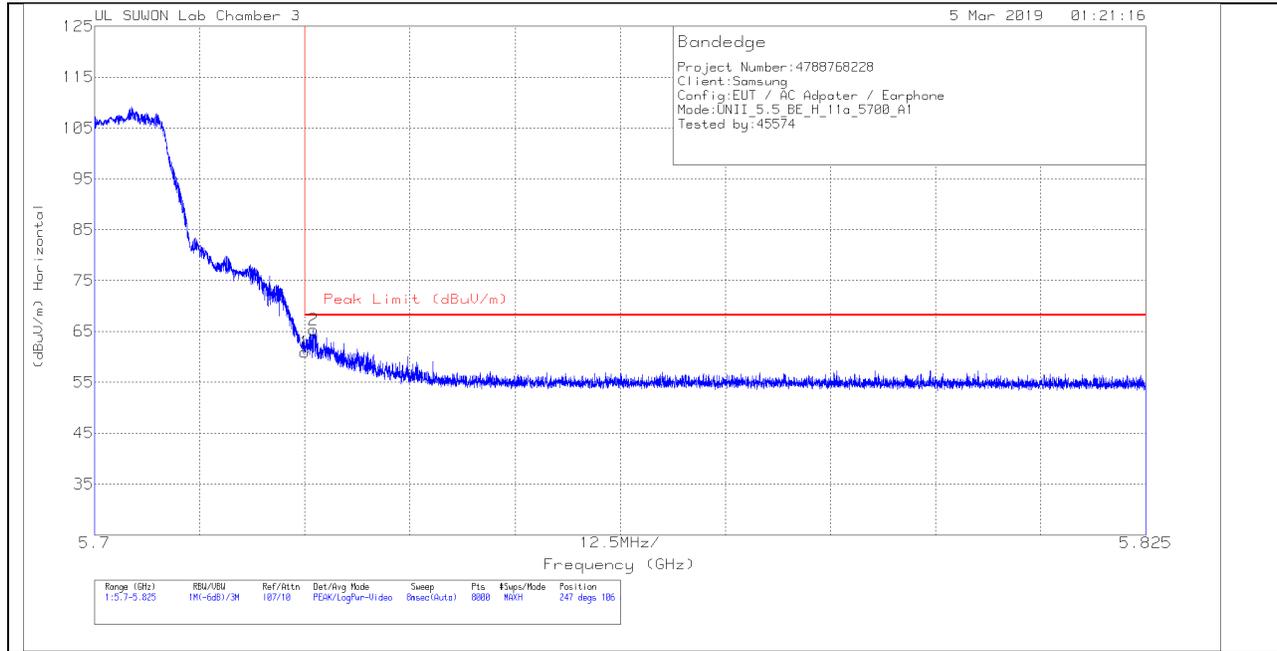
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



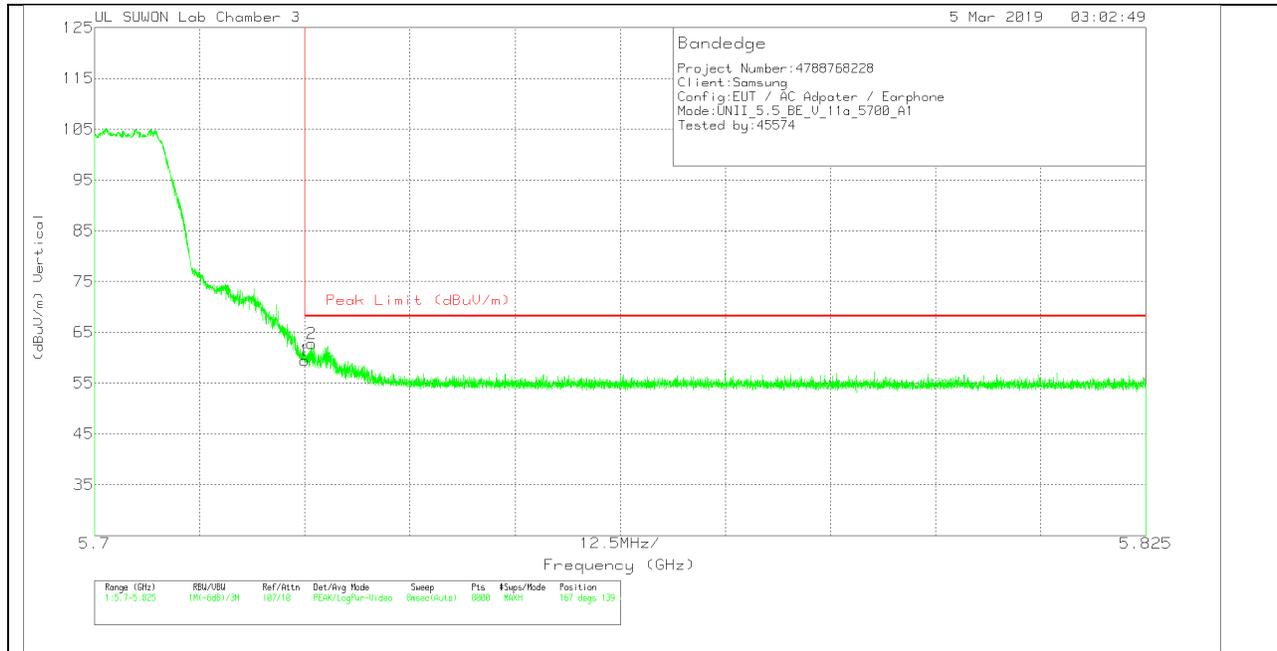
HORIZONTAL DATA

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	44.08	Pk	34.8	-17.9	60.98	68.2	-7.22	247	106	H
2	5.726	48.46	Pk	34.8	-17.9	65.36	68.2	-2.84	247	106	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

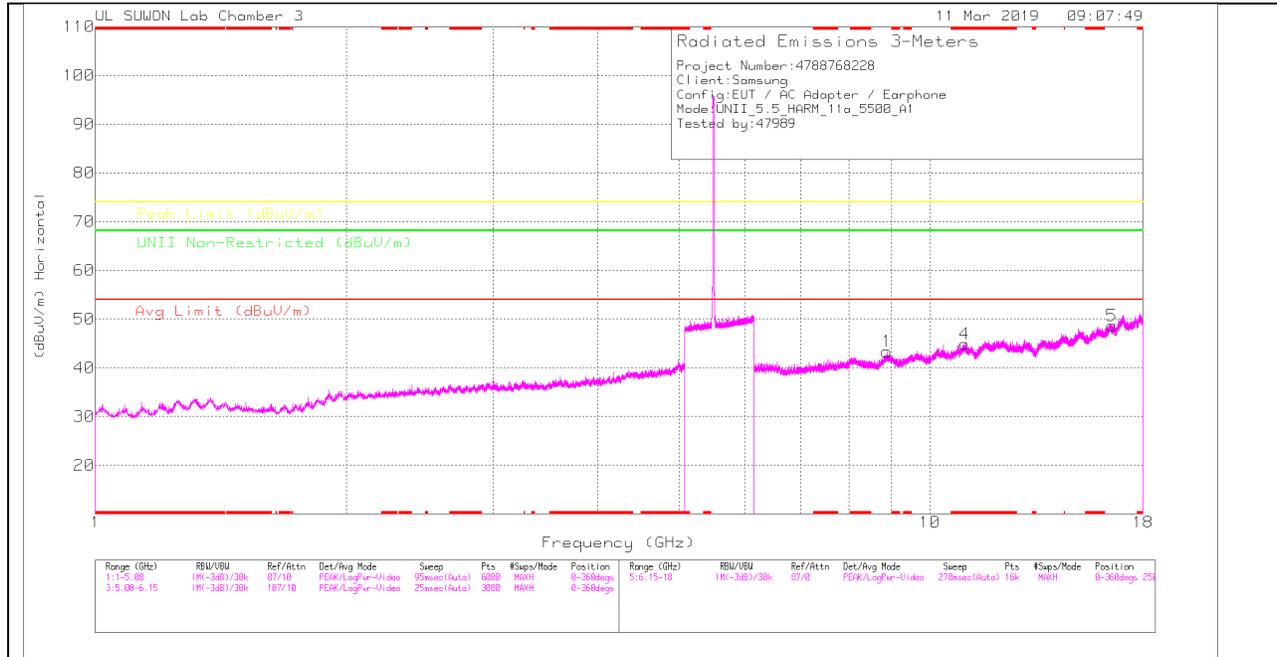
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00205959	10dB[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	42.6	Pk	34.8	-17.9	59.5	68.2	-8.7	167	139	V
2	5.726	45.86	Pk	34.8	-17.9	62.76	68.2	-5.44	167	139	V

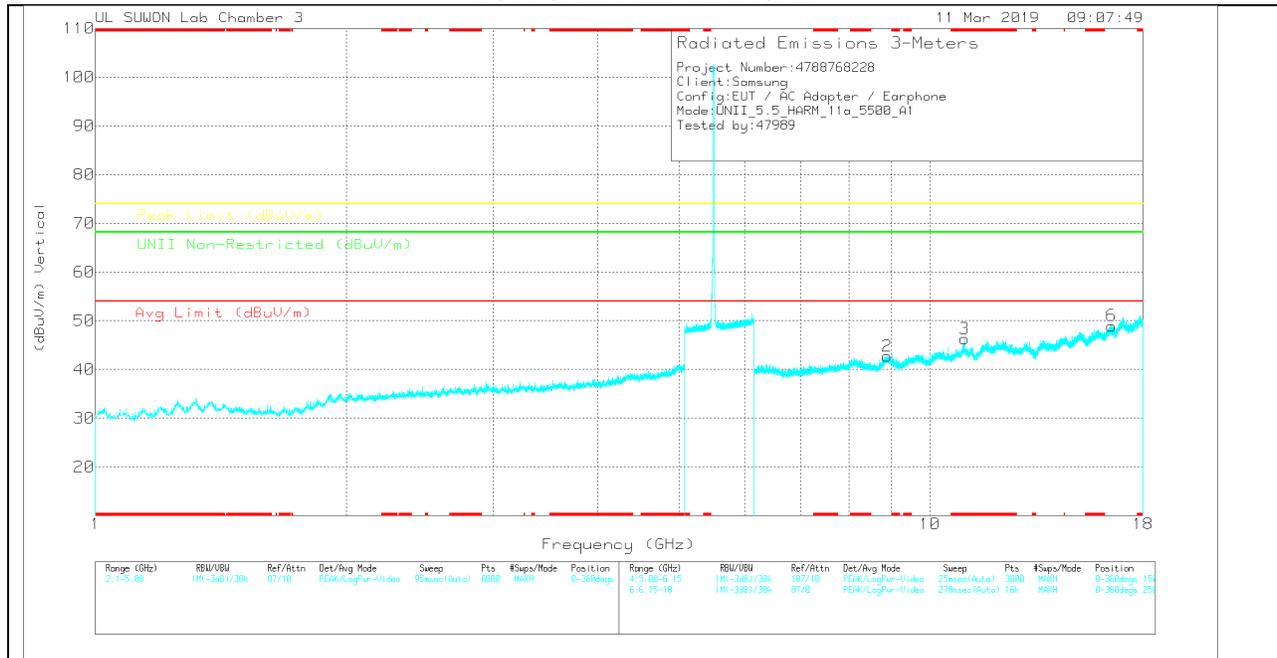
Pk - Peak detector

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_00209599	66Hz_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	8.878	27.63	PK	36.5	-20.8	0	43.33	-	-	-	-	68.2	-24.87	0-360	150	H
4	* 11.01	26.19	PK	38.2	-19.5	0	44.89	-	-	74	-29.11	-	-	0-360	250	H
5	16.517	25.12	PK	40.9	-17.4	0	48.62	-	-	-	-	68.2	-19.58	0-360	150	H
2	8.884	27	PK	36.5	-20.8	0	42.7	-	-	-	-	68.2	-25.5	0-360	150	V
3	* 11.001	27.49	PK	38.2	-19.4	0	46.29	-	-	74	-27.71	-	-	0-360	150	V
6	16.508	25.56	PK	40.9	-17.5	0	48.96	-	-	-	-	68.2	-19.24	0-360	250	V

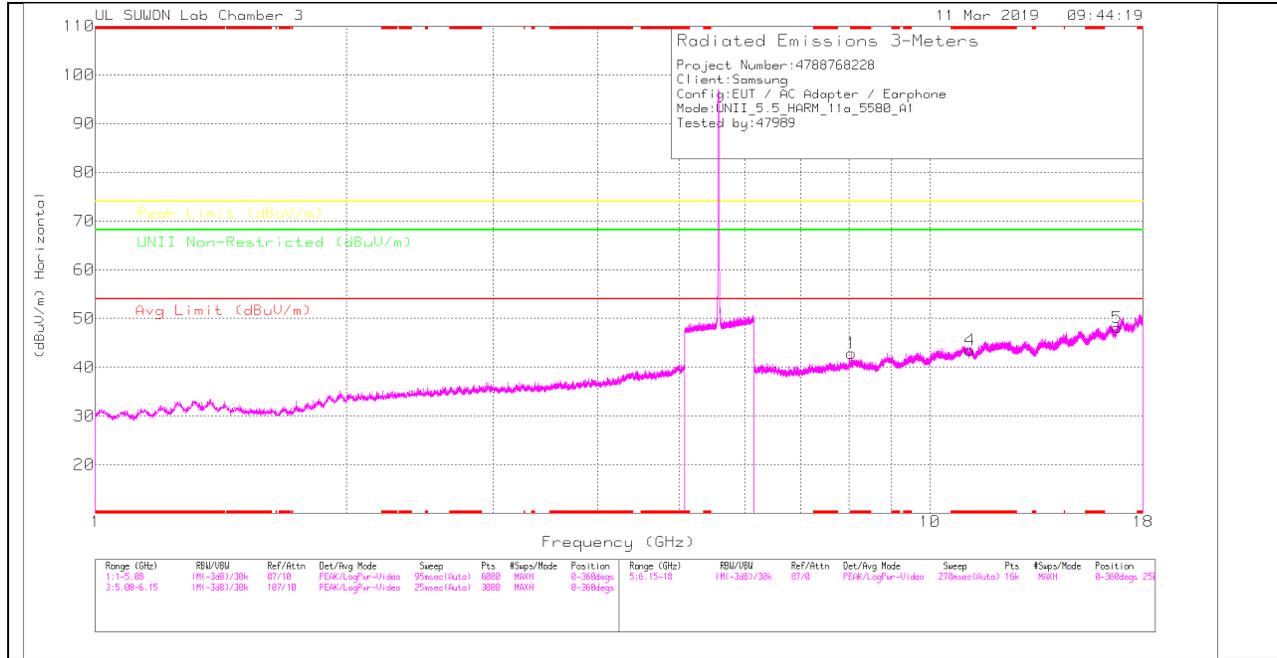
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
 PK – Peak detector

Radiated Emissions

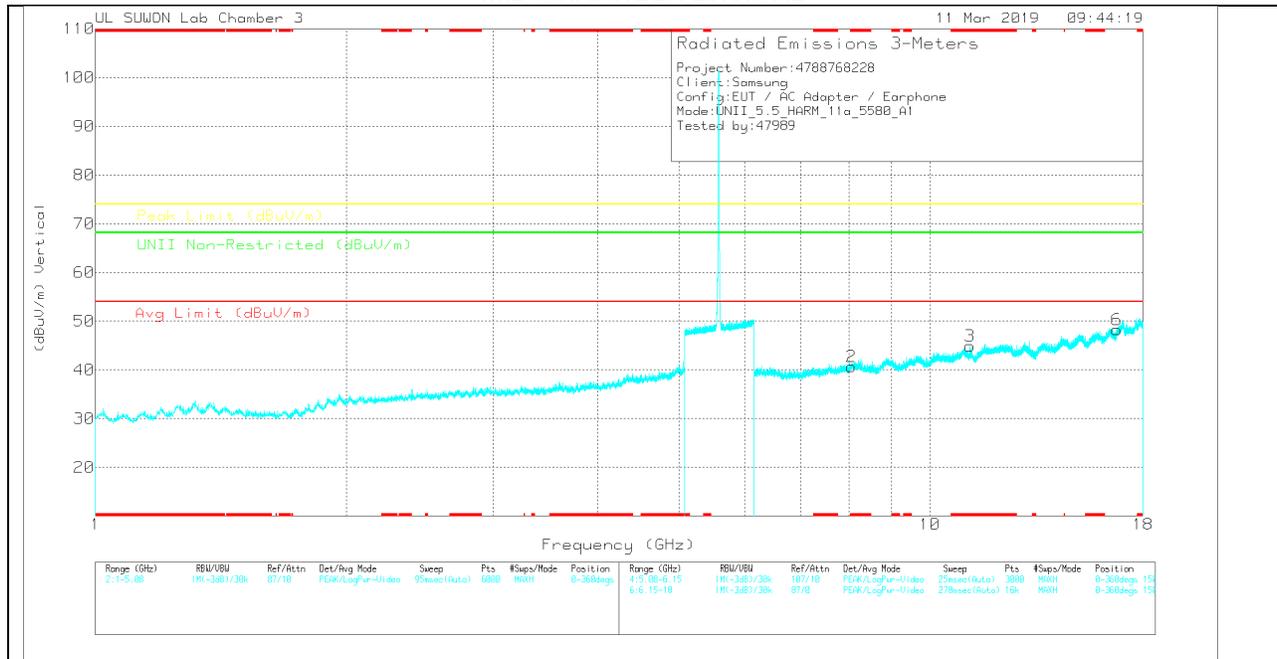
Frequency (GHz)	Meter Reading (dBuV)	Det	3117_00209599	66Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	U/NII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 10.993	35.86	PK-U	38.2	-19.4	0	54.66	-	-	74	-19.34	-	-	201	118	H
* 11.001	24.59	ADR	38.2	-19.4	0	43.39	54	-10.61	-	-	-	-	201	118	H
* 10.999	38.2	PK-U	38.2	-19.4	0	57	-	-	74	-17	-	-	116	145	V
* 11	25.82	ADR	38.2	-19.5	0	44.52	54	-9.48	-	-	-	-	116	145	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.