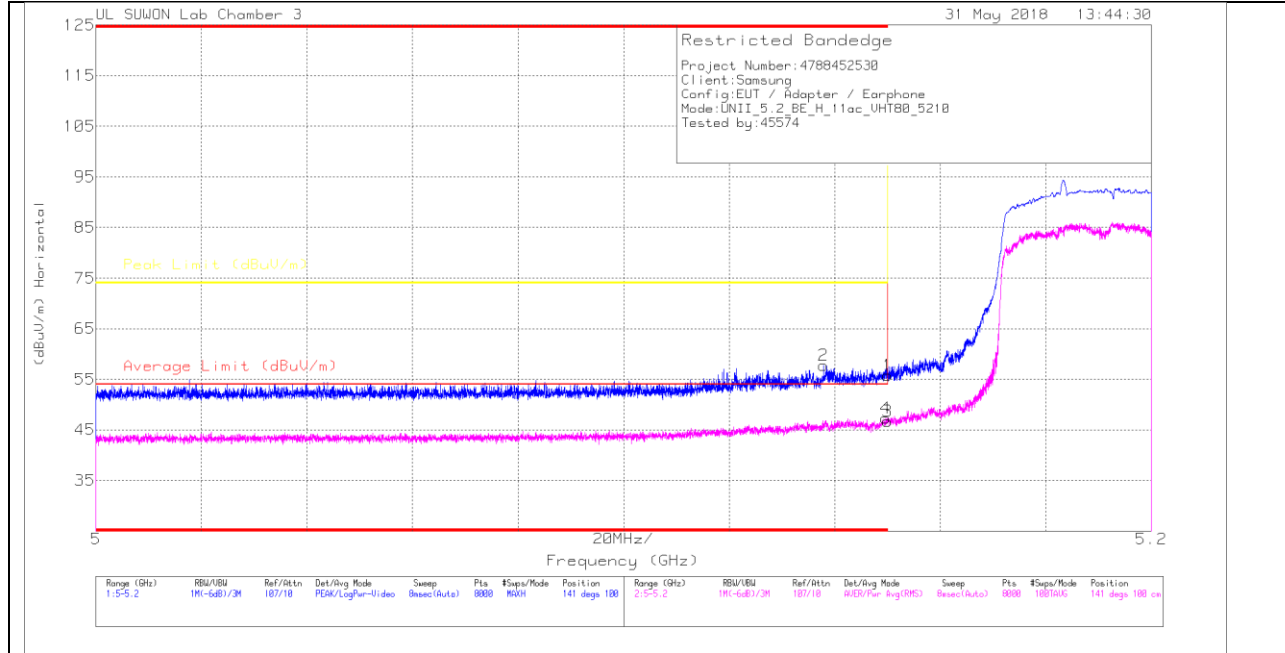


11.1.4.TX ABOVE 1GHz 802.11ac VHT80 MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

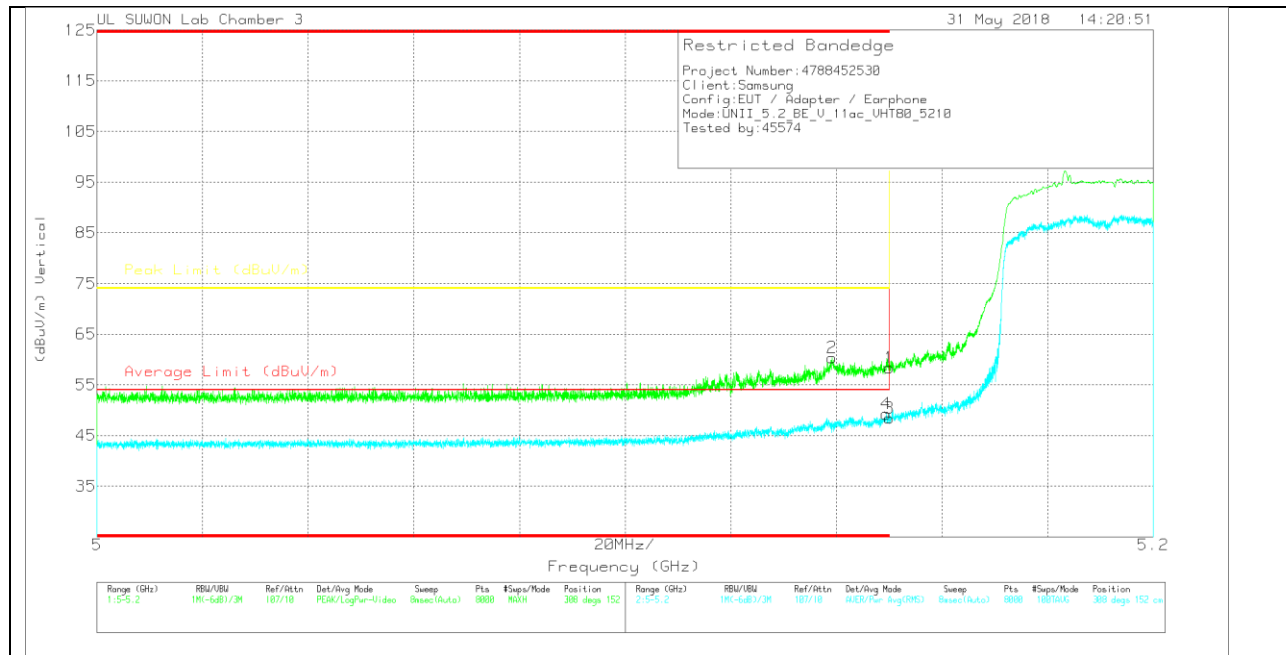
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.15	40.22	Pk	34.3	-18.8	0	55.72	-	-	74	-18.28	141	100	H
2	* 5.138	42.19	Pk	34.3	-18.8	0	57.69	-	-	74	-16.31	141	100	H
3	* 5.15	30.23	RMS	34.3	-19.3	1.47	46.7	54	-7.3	-	-	141	100	H
4	* 5.15	30.79	RMS	34.3	-19.3	1.47	47.26	54	-6.74	-	-	141	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_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.15	42.84	Pk		34.3	-18.8	0	58.34	-	74	-15.66	308	152	V
2	* 5.139	44.94	Pk		34.3	-18.9	0	60.34	-	74	-13.66	308	152	V
3	* 5.15	31.96	RMS		34.3	-19.3	1.47	48.43	54	-5.57	-	308	152	V
4	* 5.149	32.77	RMS		34.3	-19.3	1.47	49.24	54	-4.76	-	308	152	V

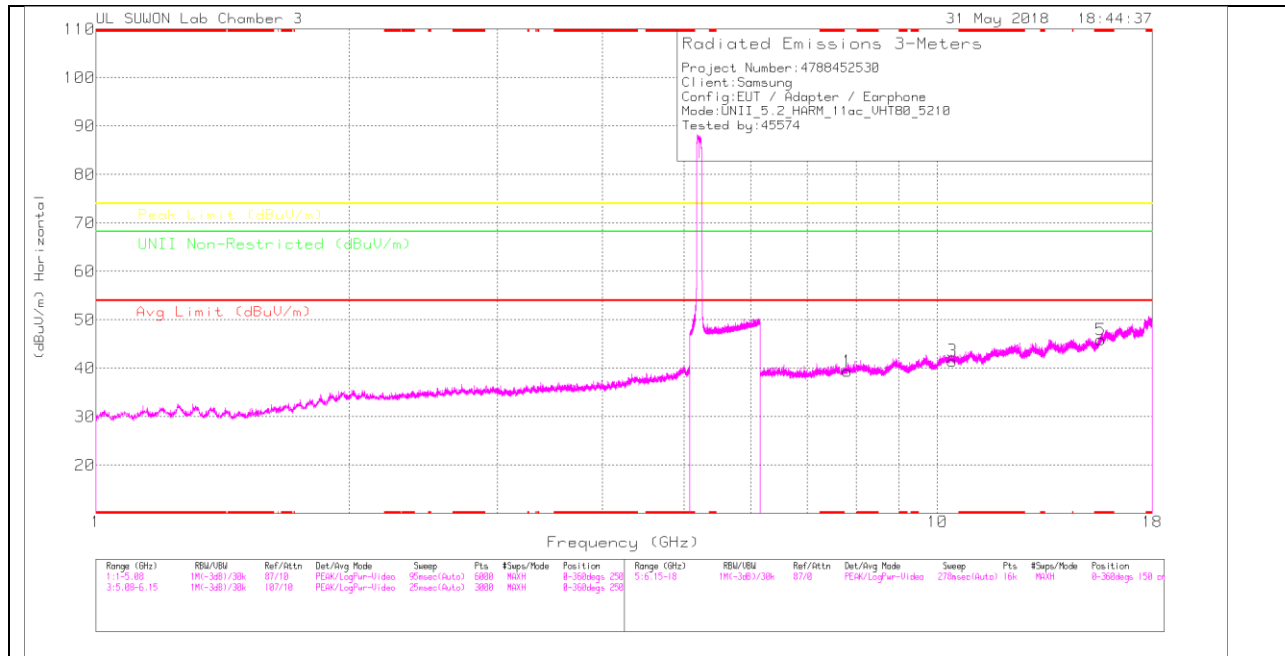
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

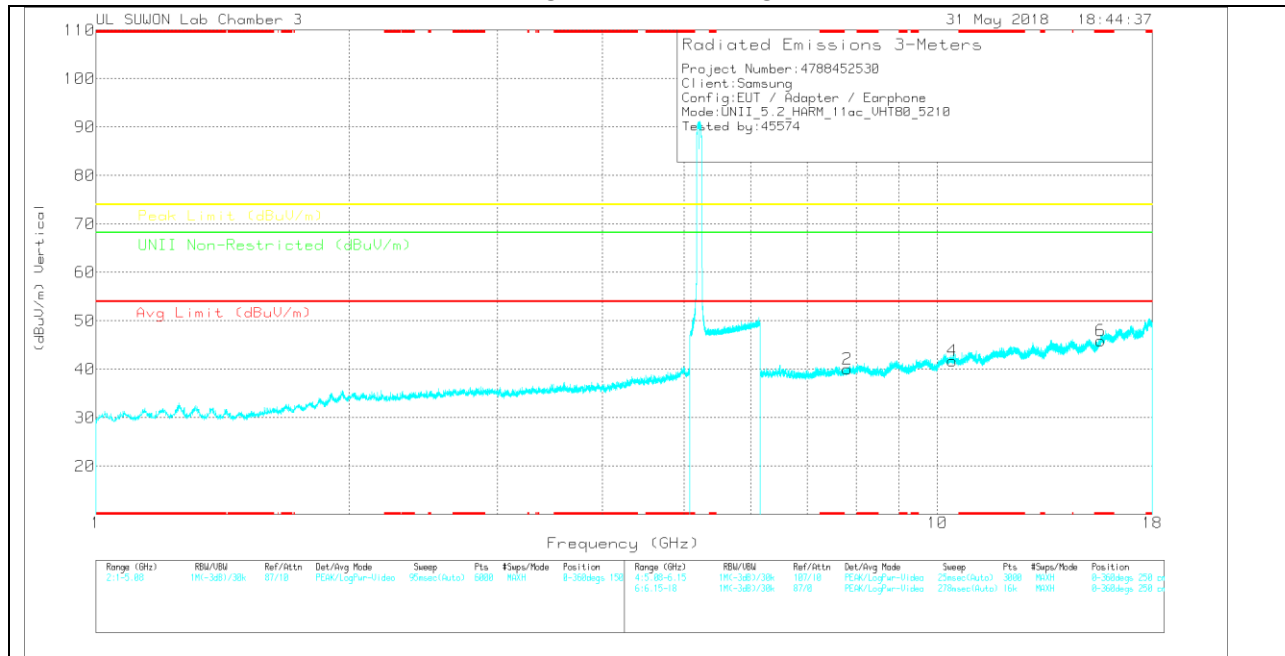
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.815	26.43	PK	35.6	-22.6	0	39.43	-	-	-	-	68.2	-28.77	0-360	150	H
3	10.421	23.34	PK	37.6	-19.4	0	41.54	-	-	-	-	68.2	-26.66	0-360	150	H
5	* 15.631	25.03	PK	40.3	-19.4	0	45.93	-	-	74	-28.07	-	-	0-360	150	H
2	7.815	27.08	PK	35.6	-22.6	0	40.08	-	-	-	-	68.2	-28.12	0-360	149	V
4	10.421	23.5	PK	37.6	-19.4	0	41.7	-	-	-	-	68.2	-26.5	0-360	250	V
6	* 15.631	24.97	PK	40.3	-19.4	0	45.87	-	-	74	-28.13	-	-	0-360	149	V

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

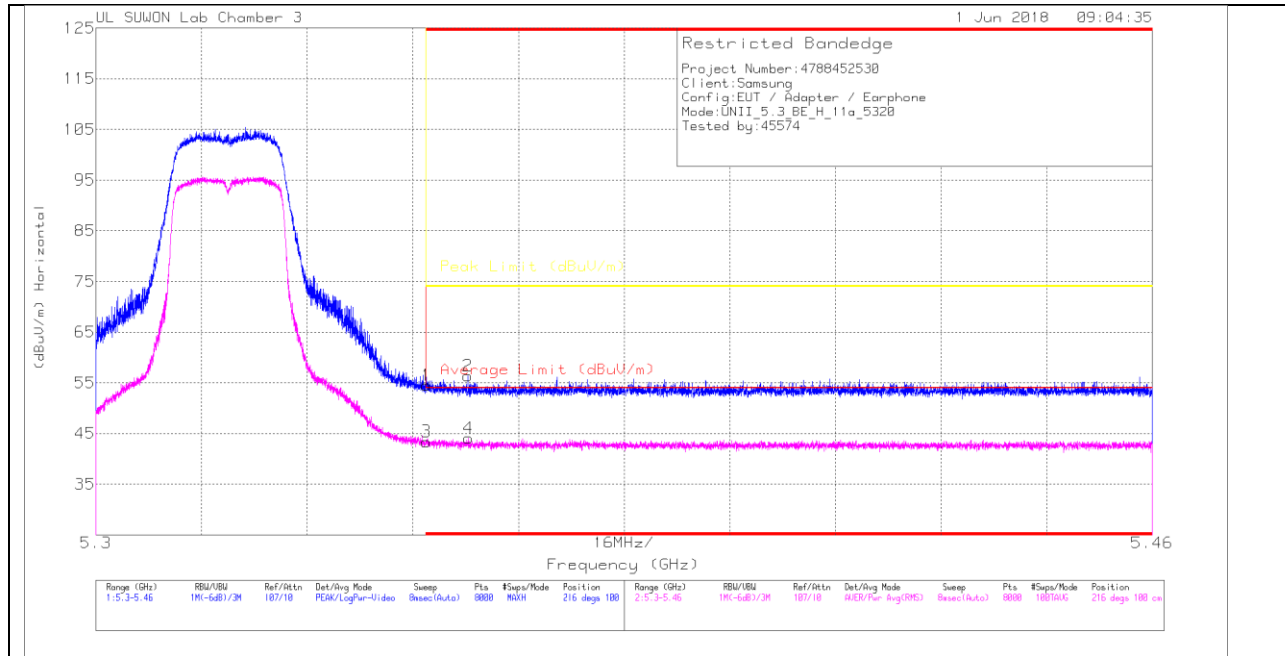
PK – Peak Detector

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

11.2. 5.3 GHz

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

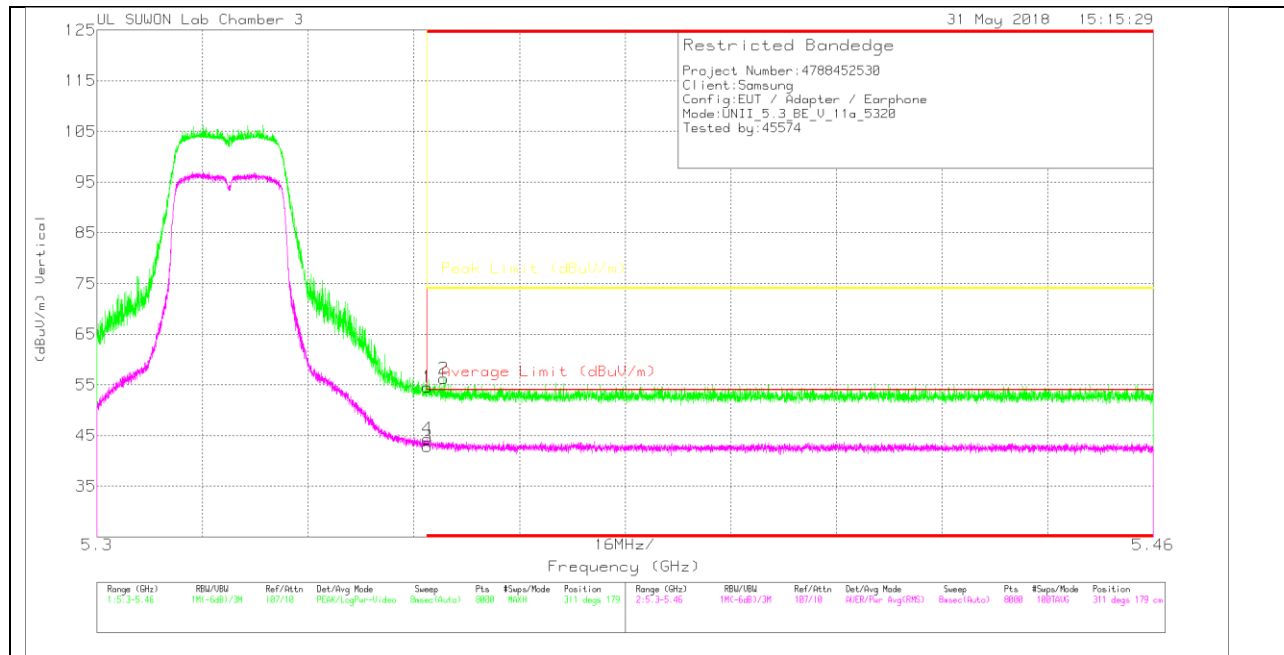
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[0020959]	10dB_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asmuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.78	Pk	34.4	-18.7	0	54.48	-	-	74	-19.52	216	100	H
2	* 5.356	40.66	Pk	34.4	-18.7	0	56.36	-	-	74	-17.64	216	100	H
3	* 5.35	28	RMS	34.4	-19	0	43.4	54	-10.6	-	-	216	100	H
4	* 5.356	28.67	RMS	34.4	-19	0	44.07	54	-9.93	-	-	216	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(00205999)	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Pk Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	38.87	Pk	34.4	-18.7	0	54.57	-	-	74	-19.43	311	179	V
2	* 5.353	40.57	Pk	34.4	-18.7	0	56.27	-	-	74	-17.73	311	179	V
3	* 5.35	27.46	RMS	34.4	-19	0	42.86	54	-11.14	-	-	311	179	V
4	* 5.35	28.99	RMS	34.4	-19	0	44.39	54	-9.61	-	-	311	179	V

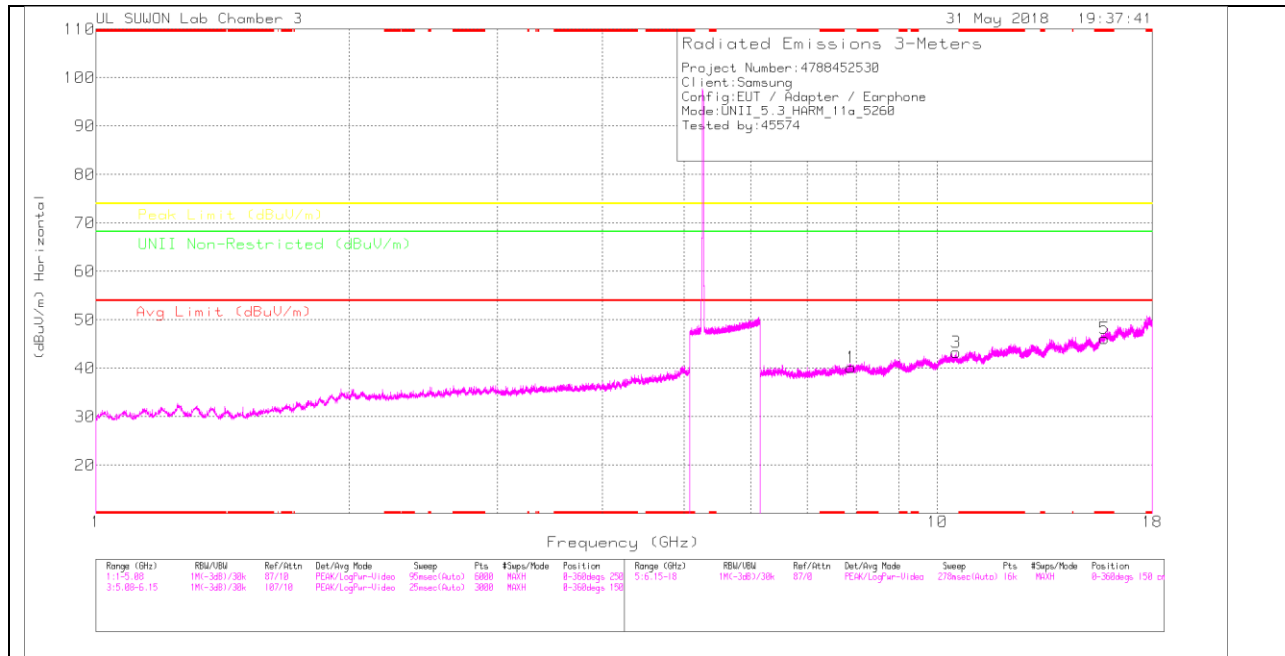
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

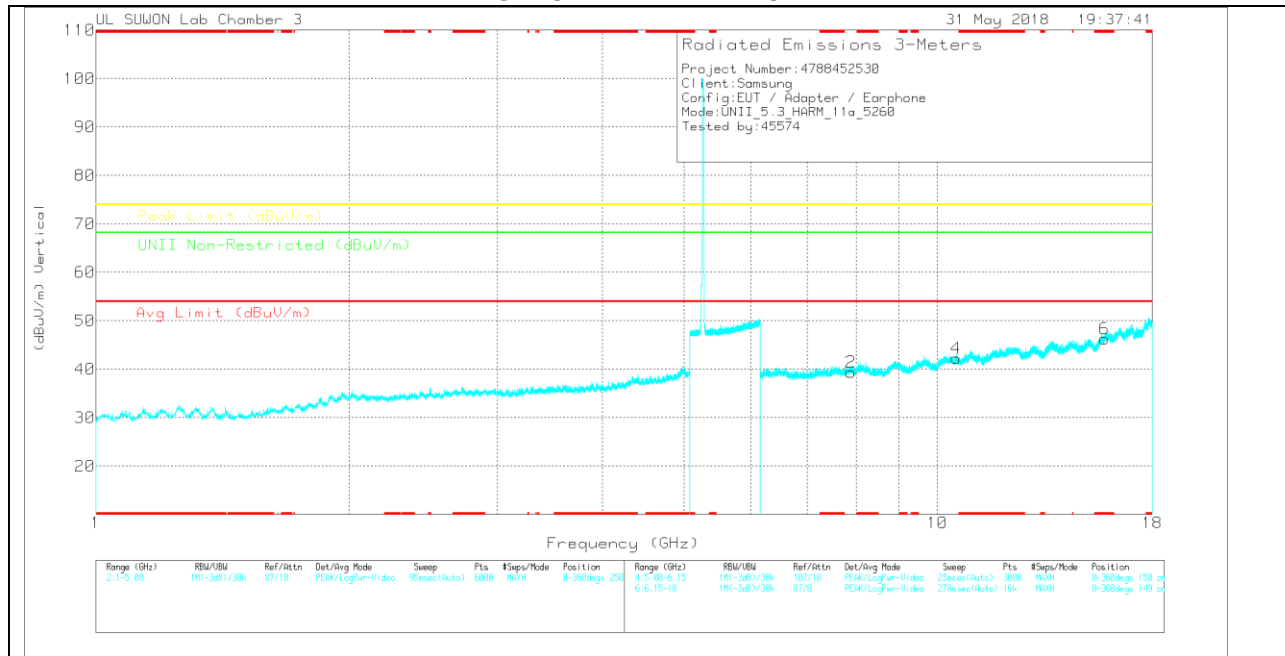
RMS - RMS detection

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

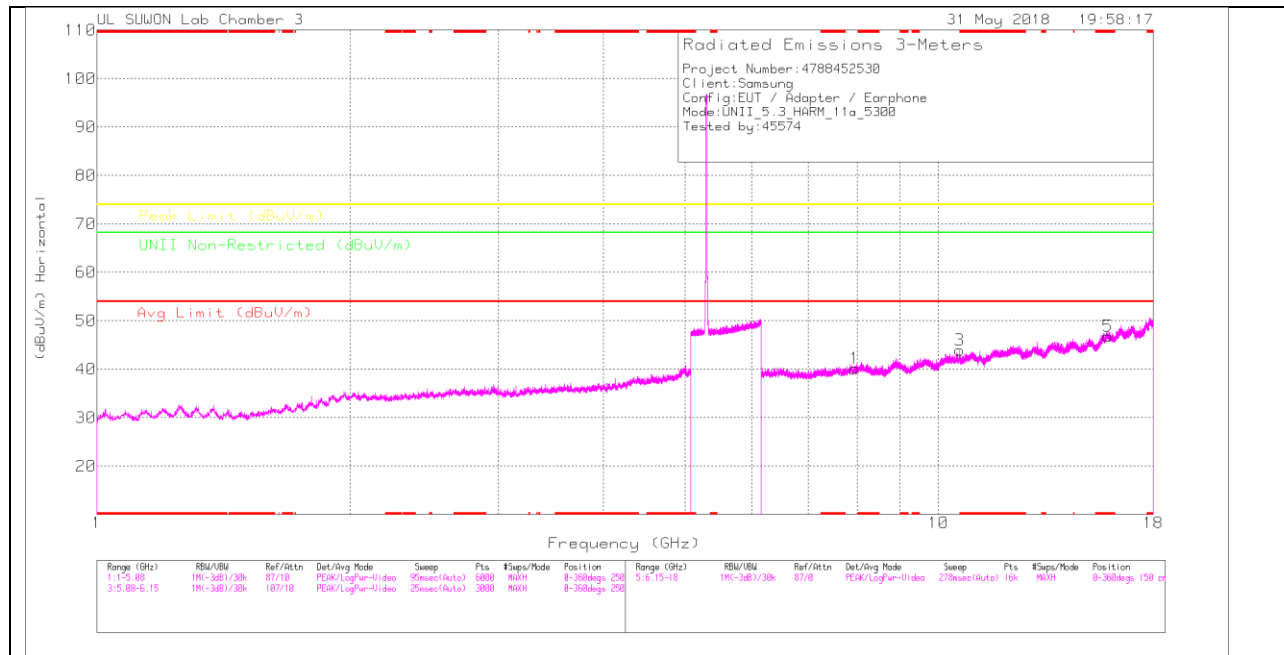
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00209998)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.891	26.88	PK	35.7	-22.4	0	40.18	-	-	-	-	68.2	-28.02	0-360	150	H
3	10.521	24.76	PK	37.7	-19.2	0	43.26	-	-	-	-	68.2	-24.94	0-360	250	H
5	* 15.78	24.48	PK	40.7	-19	0	46.18	-	-	74	-27.82	-	-	0-360	150	H
2	7.891	26.14	PK	35.7	-22.4	0	39.44	-	-	-	-	68.2	-28.76	0-360	149	V
4	10.521	23.81	PK	37.7	-19.2	0	42.31	-	-	-	-	68.2	-25.89	0-360	149	V
6	* 15.781	24.51	PK	40.7	-18.9	0	46.31	-	-	74	-27.69	-	-	0-360	149	V

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

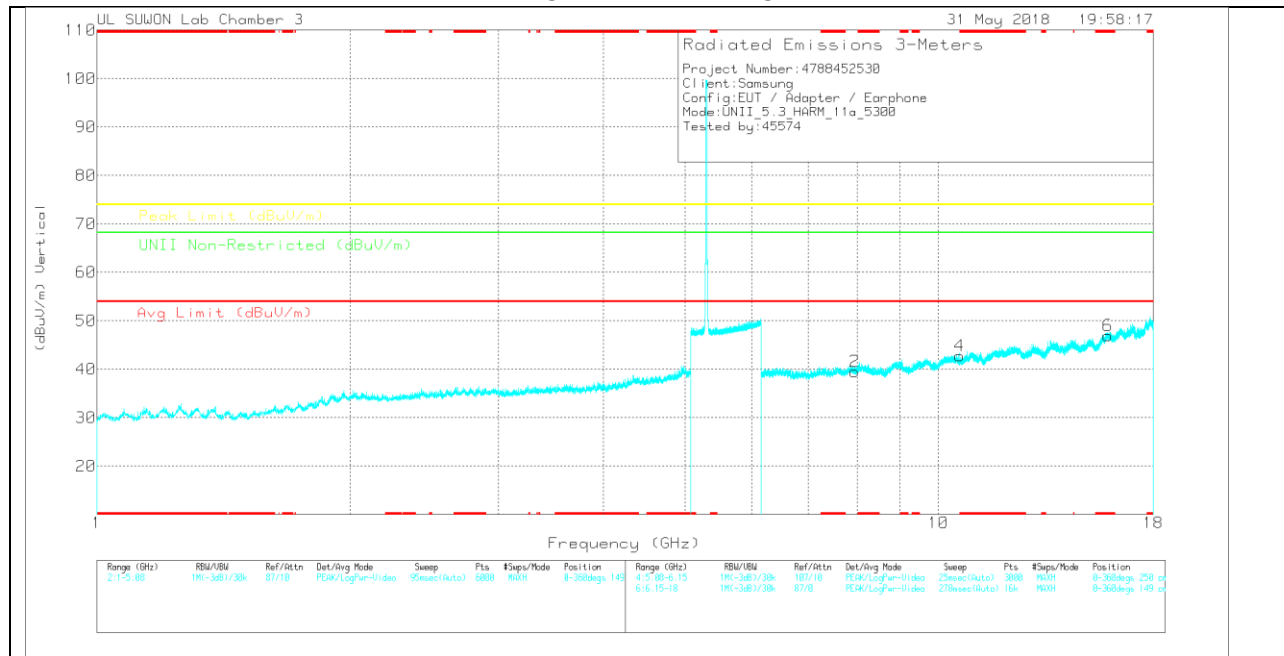
PK – Peak Detector

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

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

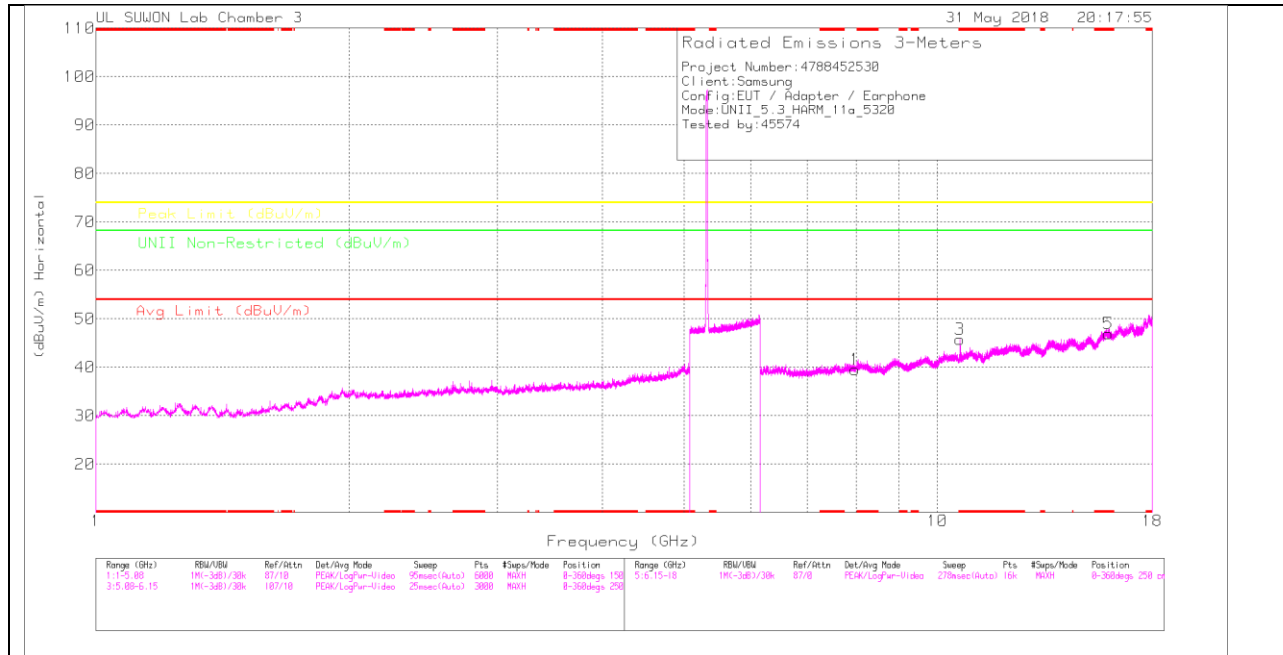
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117(0020995)	60Hz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.951	27.06	PK	35.7	-22.6	0	40.16	-	-	-	-	68.2	-28.04	0-360	250	H
3	* 10.603	25.57	PK	37.7	-19.3	0	43.97	-	-	74	-30.03	-	-	0-360	250	H
5	* 15.9	24.16	PK	41	-18.4	0	46.76	-	-	74	-27.24	-	-	0-360	250	H
2	7.951	26.4	PK	35.7	-22.6	0	39.5	-	-	-	-	68.2	-28.7	0-360	149	V
4	10.6	24.44	PK	37.7	-19.4	0	42.74	-	-	-	-	68.2	-25.46	0-360	149	V
6	* 15.9	24.34	PK	41	-18.4	0	46.94	-	-	74	-27.06	-	-	0-360	149	V

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

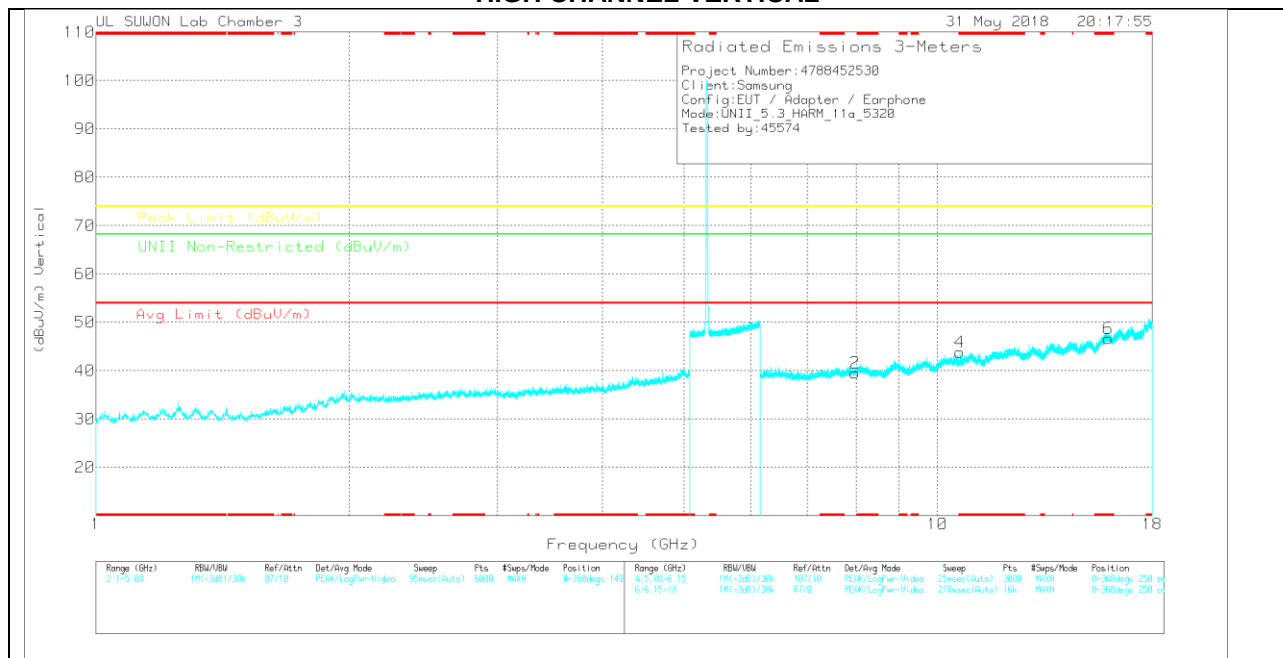
PK – Peak Detector

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

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.98	26.5	PK	35.7	-22.7	0	39.5	-	-	-	-	68.2	-28.7	0-360	250	H
3	* 10.64	27.41	PK	37.6	-19.3	0	45.71	-	-	74	-28.29	-	-	0-360	250	H
5	* 15.961	24.35	PK	41.1	-18.5	0	46.95	-	-	74	-27.05	-	-	0-360	250	H
2	7.98	26.48	PK	35.7	-22.7	0	39.48	-	-	-	-	68.2	-28.72	0-360	250	V
4	* 10.64	25.5	PK	37.6	-19.3	0	43.8	-	-	74	-30.2	-	-	0-360	250	V
6	* 15.961	24.09	PK	41.1	-18.5	0	46.69	-	-	74	-27.31	-	-	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(0020959)	6GHz_HP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 10.641	38.85	PK-U	37.6	-19.3	0	57.15	-	-	74	-16.85	-	-	228	279	H
* 10.641	26.65	ADR	37.6	-19.3	0	44.95	54	-9.05	-	-	-	-	228	279	H
* 10.64	37.22	PK-U	37.6	-19.3	0	55.52	-	-	74	-18.48	-	-	174	207	V
* 10.64	25.37	ADR	37.6	-19.3	0	43.67	54	-10.33	-	-	-	-	174	207	V

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

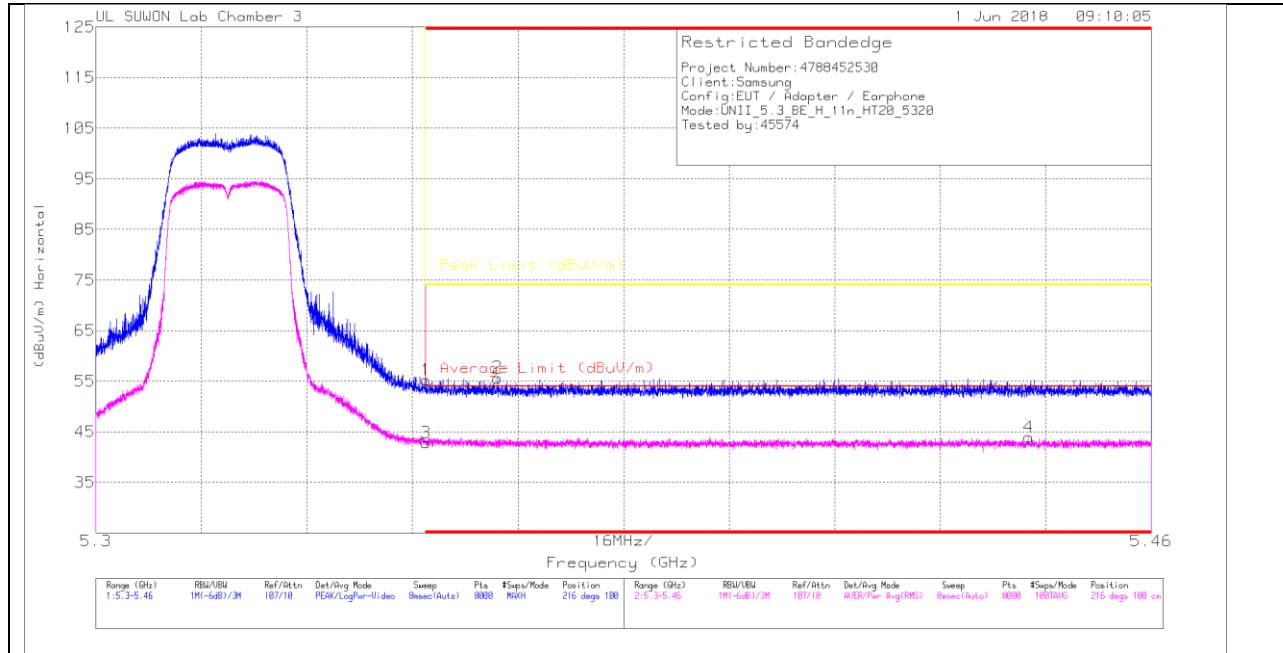
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

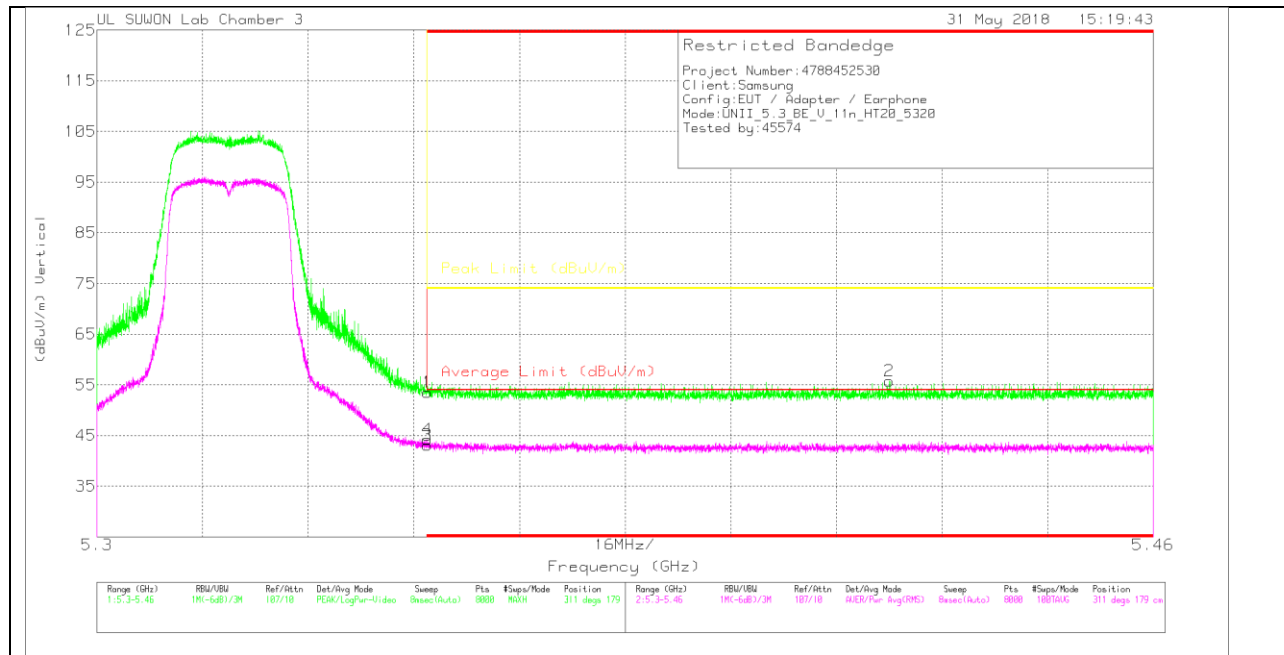
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	10dB_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	39.59	Pk	34.4	-18.7	0	55.29	-	-	74	-18.71	216	100	H
2	* 5.361	39.89	Pk	34.4	-18.6	0	55.69	-	-	74	-18.31	216	100	H
3	* 5.35	27.49	RMS	34.4	-19	0	42.89	54	-11.11	-	-	216	100	H
4	* 5.441	28.61	RMS	34.3	-18.9	0	44.01	54	-9.99	-	-	216	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_ATT[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	37.81	Pk	34.4	-18.7	0	53.51	-	-	74	-20.49	311	179	V
2	* 5.42	39.88	Pk	34.3	-18.4	0	55.78	-	-	74	-18.22	311	179	V
3	* 5.35	27.74	RMS	34.4	-19	0	43.14	54	-10.86	-	-	311	179	V
4	* 5.35	28.78	RMS	34.4	-19	0	44.18	54	-9.82	-	-	311	179	V

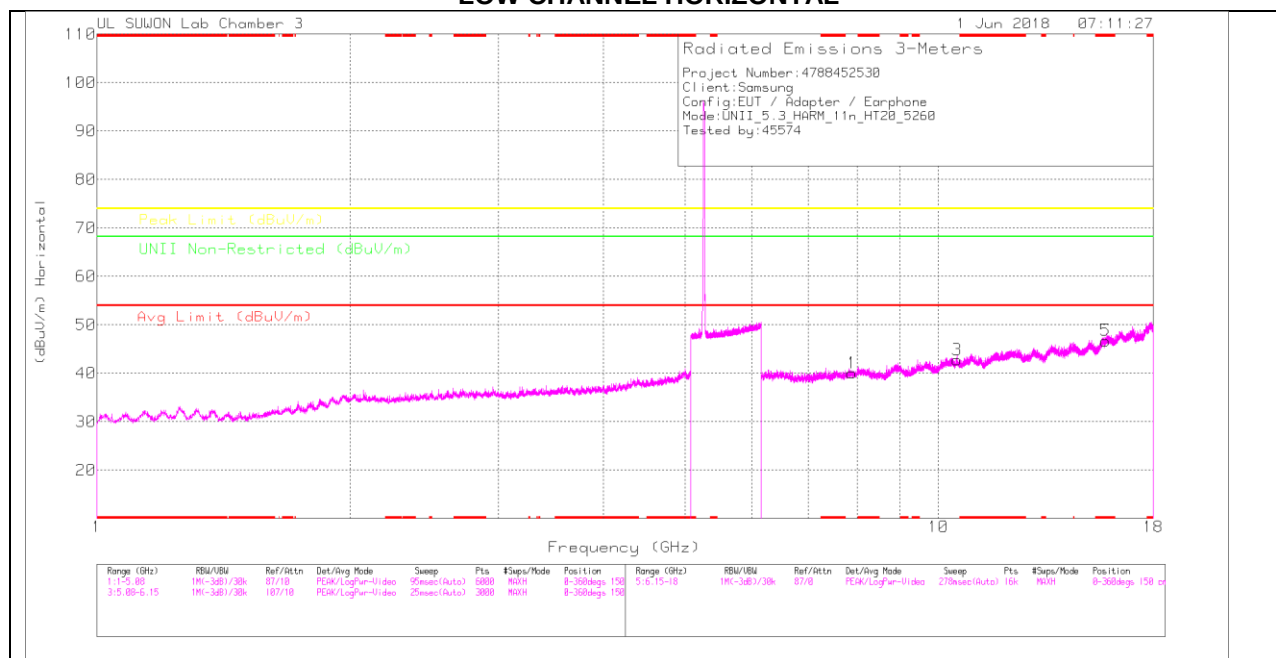
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

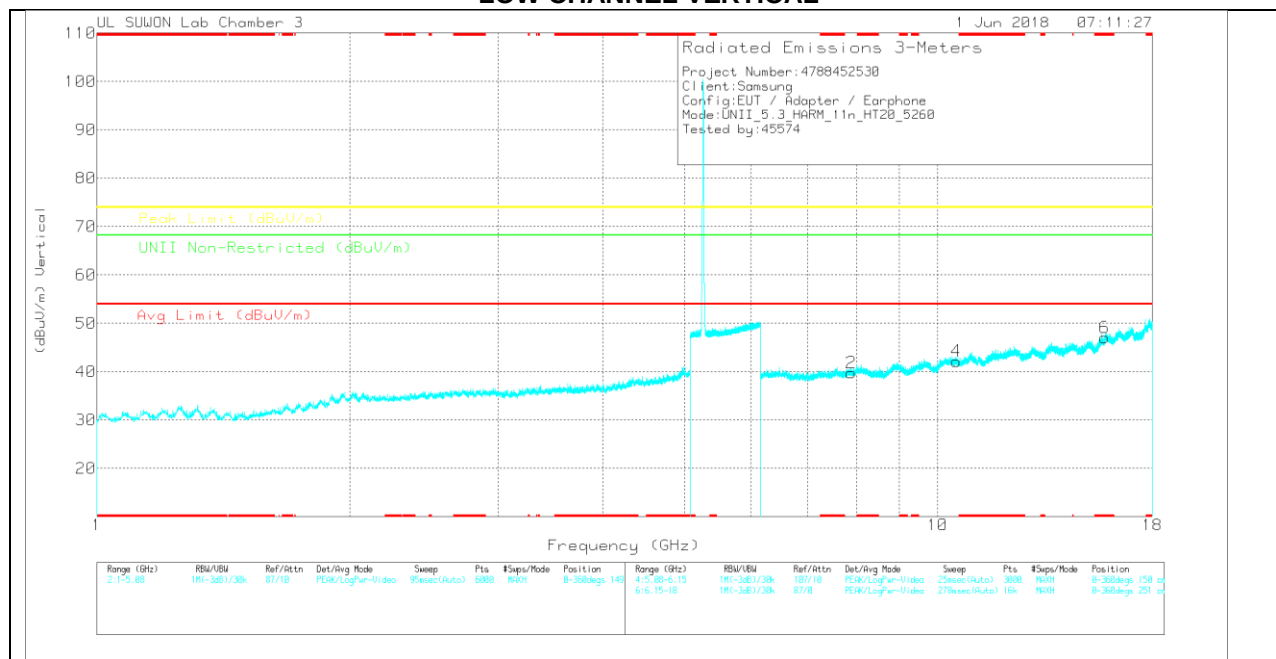
RMS - RMS detection

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

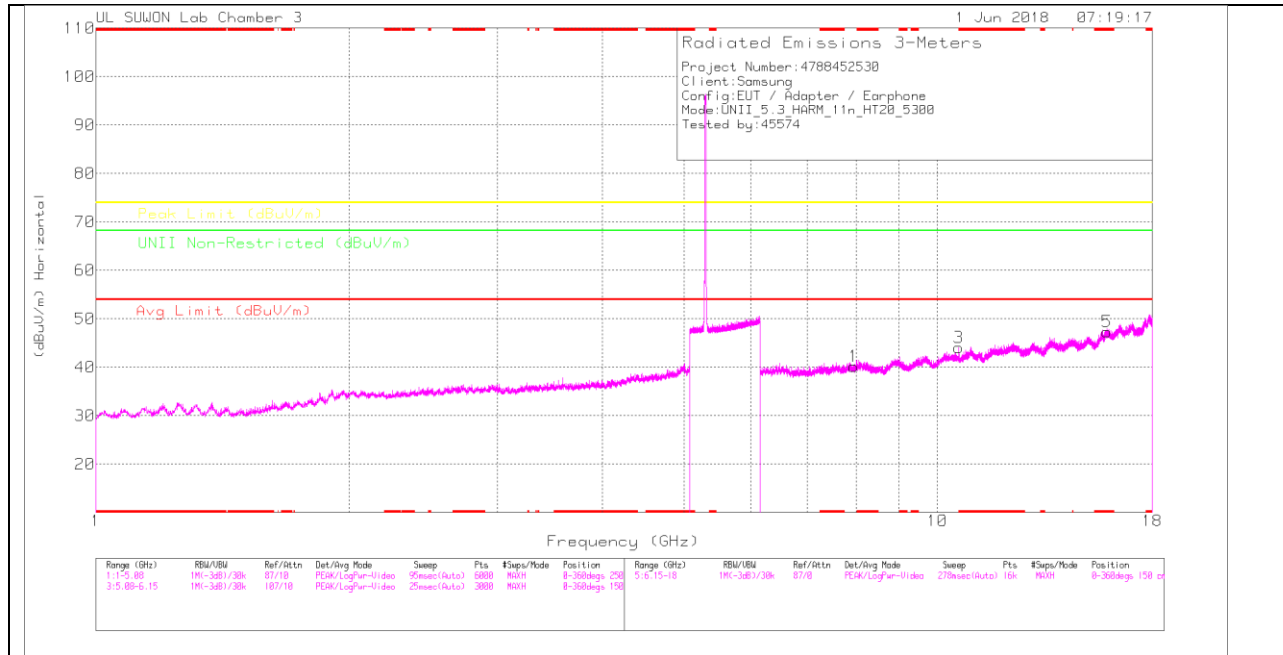
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	3117(0020995)	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.891	26.7	PK	35.7	-22.4	0	40	-	-	-	-	68.2	-28.2	0-360	250	H
3	10.521	24.26	PK	37.7	-19.2	0	42.76	-	-	-	-	68.2	-25.44	0-360	250	H
5	* 15.781	24.94	PK	40.7	-18.9	0	46.74	-	-	74	-27.26	-	-	0-360	150	H
2	7.891	26.48	PK	35.7	-22.4	0	39.78	-	-	-	-	68.2	-28.42	0-360	251	V
4	10.521	23.69	PK	37.7	-19.2	0	42.19	-	-	-	-	68.2	-26.01	0-360	149	V
6	* 15.78	25.4	PK	40.7	-19	0	47.1	-	-	74	-26.9	-	-	0-360	149	V

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

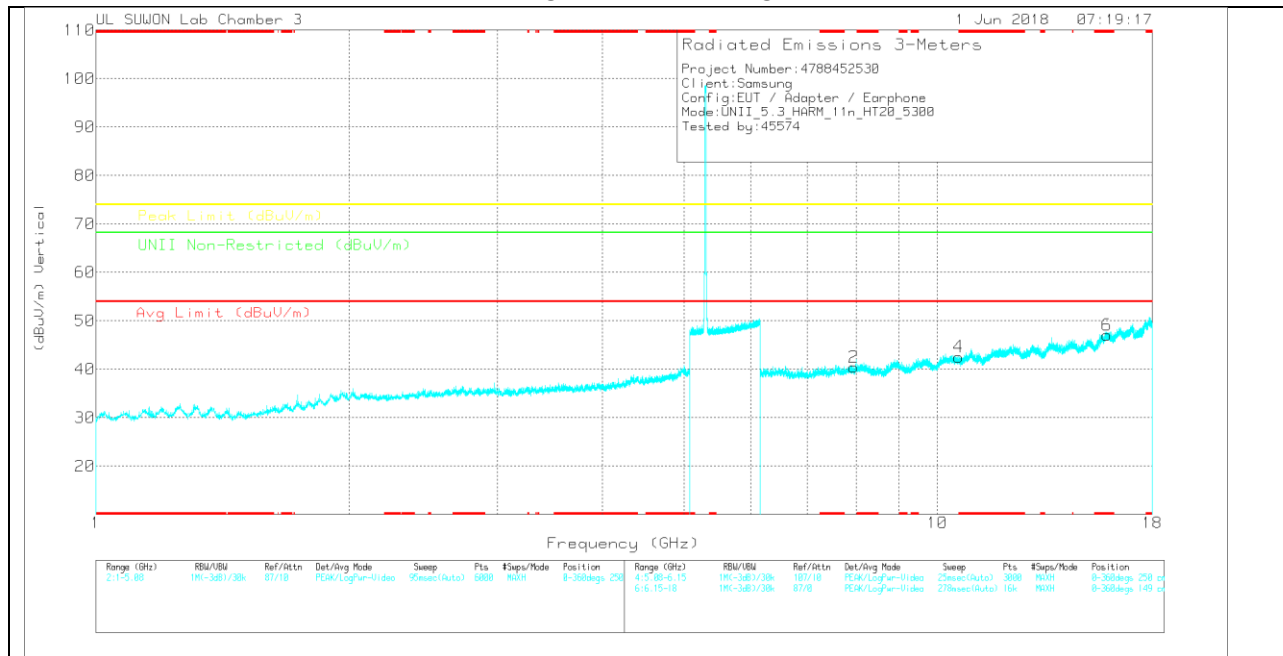
PK – Peak Detector

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

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

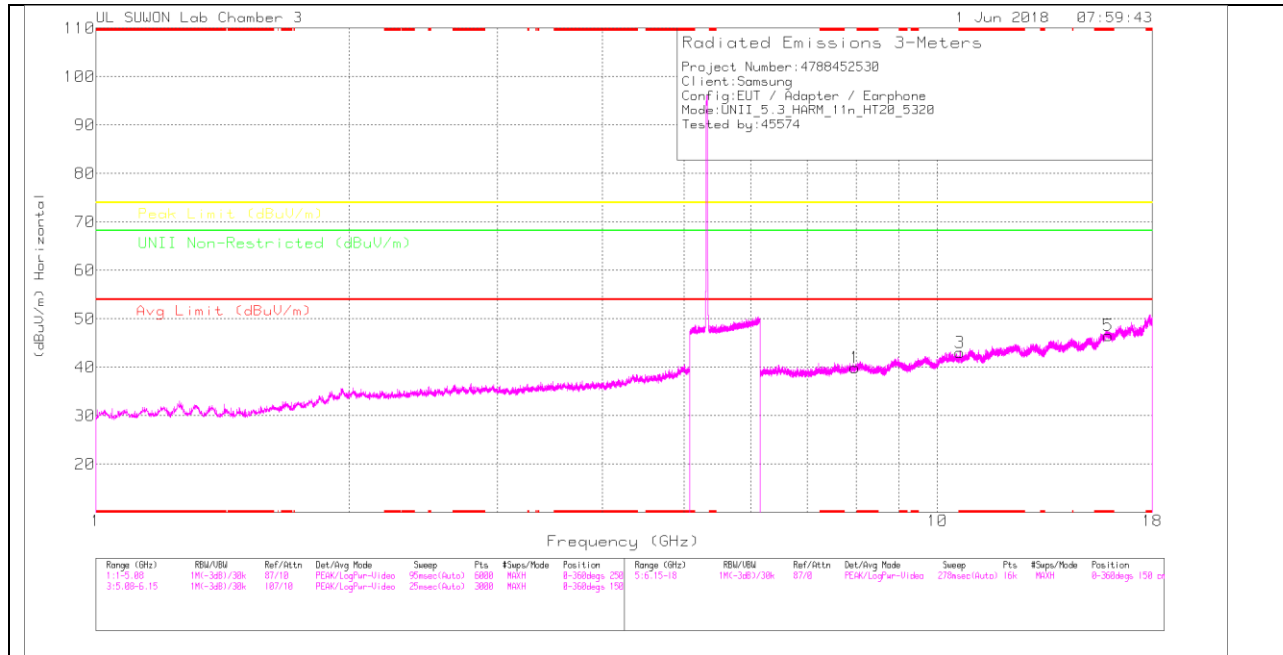
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00209959)	6GHz_HF[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	7.951	27.04	PK	35.7	-22.6	0	40.14	-	-	-	-	68.2	-28.06	0-360	250	H
3	10.599	25.74	PK	37.7	-19.4	0	44.04	-	-	-	-	68.2	-24.16	0-360	250	H
5	* 15.902	24.72	PK	41	-18.4	0	47.32	-	-	74	-26.68	-	-	0-360	250	H
2	7.951	27.38	PK	35.7	-22.6	0	40.48	-	-	-	-	68.2	-27.72	0-360	250	V
4	* 10.601	24.28	PK	37.7	-19.4	0	42.58	-	-	74	-31.42	-	-	0-360	250	V
6	* 15.899	24.52	PK	41	-18.4	0	47.12	-	-	74	-26.88	-	-	0-360	250	V

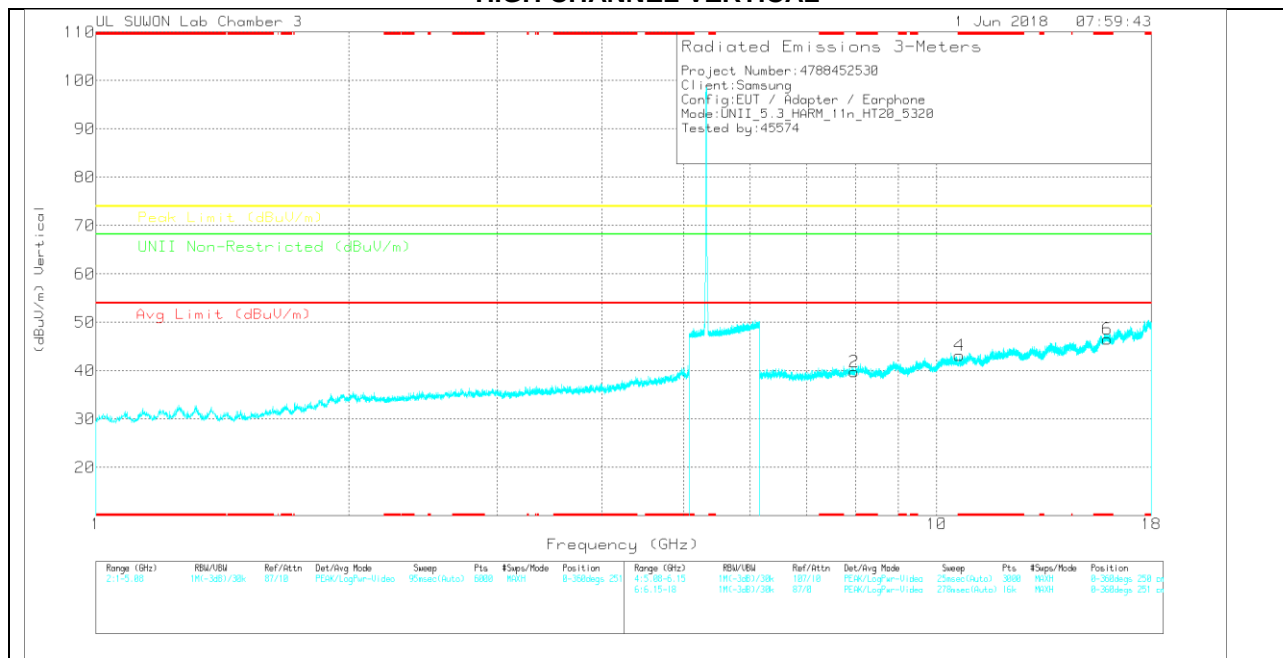
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

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(00209998)	6GHz_HIP(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.981	26.92	PK	35.7	-22.7	0	39.92	-	-	-	-	68.2	-28.28	0-360	150	H
3	*10.641	24.78	PK	37.6	-19.3	0	43.08	-	-	74	-30.92	-	-	0-360	250	H
5	*15.96	23.98	PK	41.1	-18.5	0	46.58	-	-	74	-27.42	-	-	0-360	250	H
2	7.981	26.78	PK	35.7	-22.7	0	39.78	-	-	-	-	68.2	-28.42	0-360	251	V
4	*10.642	24.98	PK	37.6	-19.4	0	43.18	-	-	74	-30.82	-	-	0-360	149	V
6	*15.96	23.99	PK	41.1	-18.5	0	46.59	-	-	74	-27.41	-	-	0-360	149	V

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

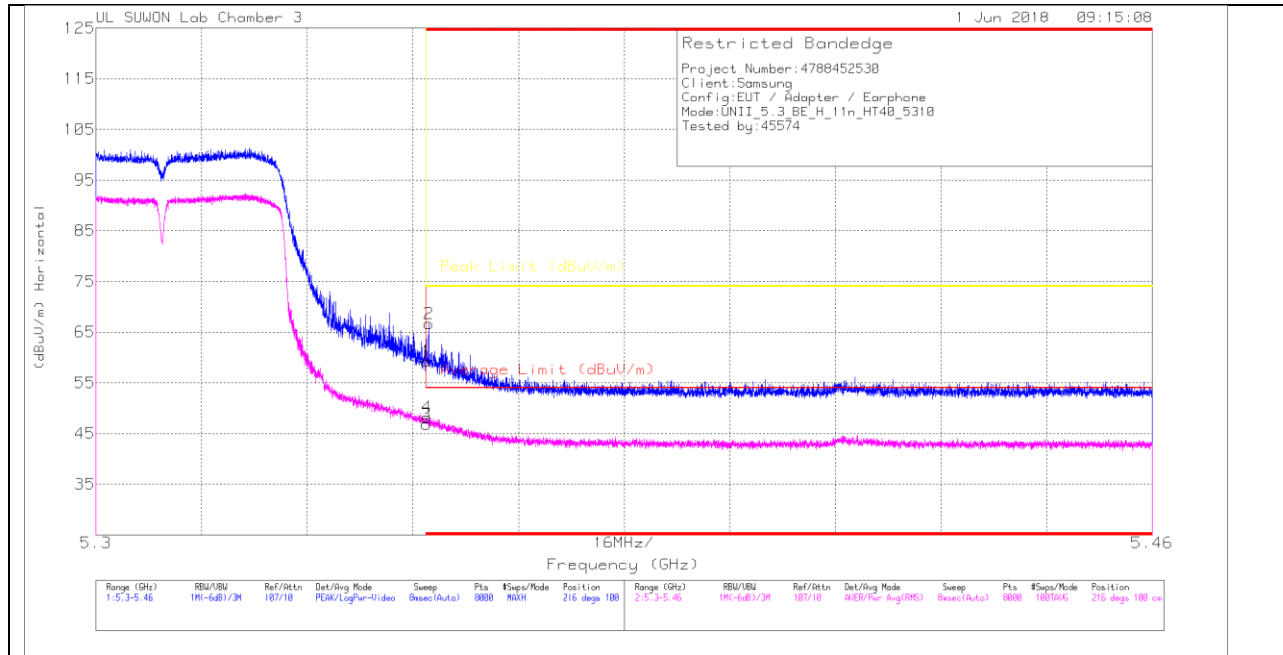
PK – Peak detector

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

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

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

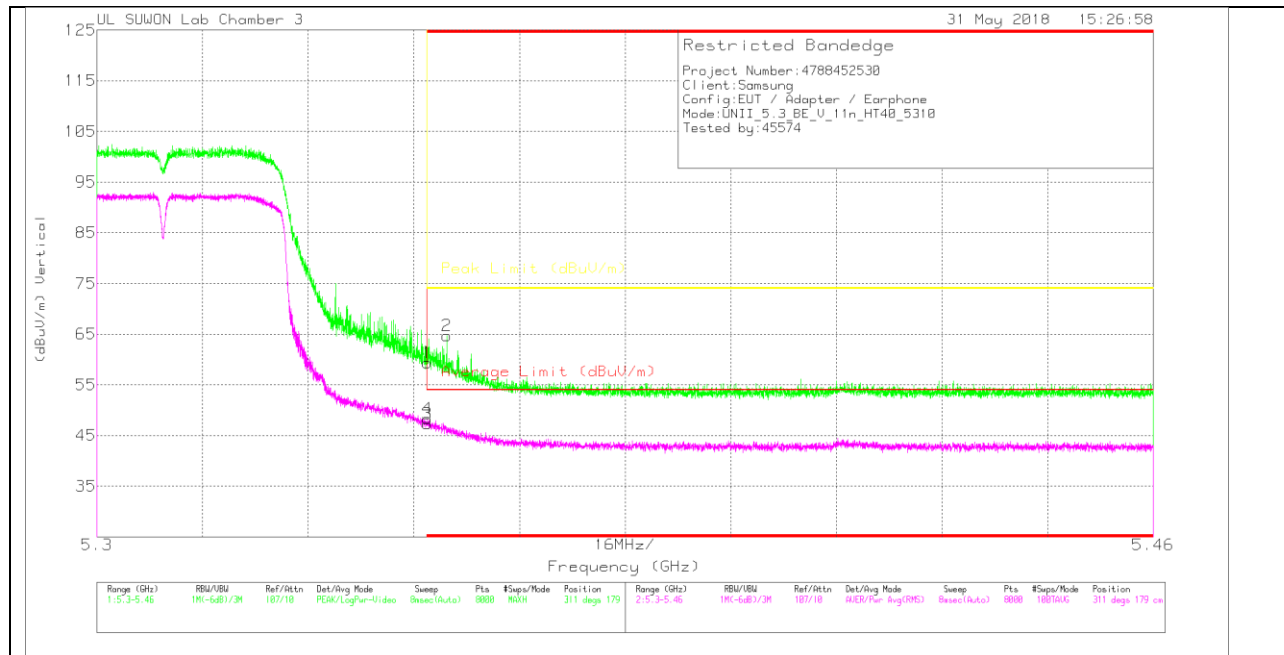
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	311700205959	1008_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.35	43.53	Pk		34.4	-18.7	59.23	-	-	74	-14.77	216	100	H
2	* 5.35	50.99	Pk		34.4	-18.7	66.69	-	-	74	-7.31	216	100	H
3	* 5.35	31.23	RMS		34.4	-19	46.8	54	-7.2	-	-	216	100	H
4	* 5.35	32.65	RMS		34.4	-19	48.22	54	-5.78	-	-	216	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_ATT[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	43.6	Pk	34.4	-18.7	0	59.3	-	-	74	-14.7	311	179	V
2	* 5.353	48.89	Pk	34.4	-18.6	0	64.69	-	-	74	-9.31	311	179	V
3	* 5.35	31.78	RMS	34.4	-19	.17	47.35	54	-6.65	-	-	311	179	V
4	* 5.35	32.71	RMS	34.4	-19	.17	48.28	54	-5.72	-	-	311	179	V

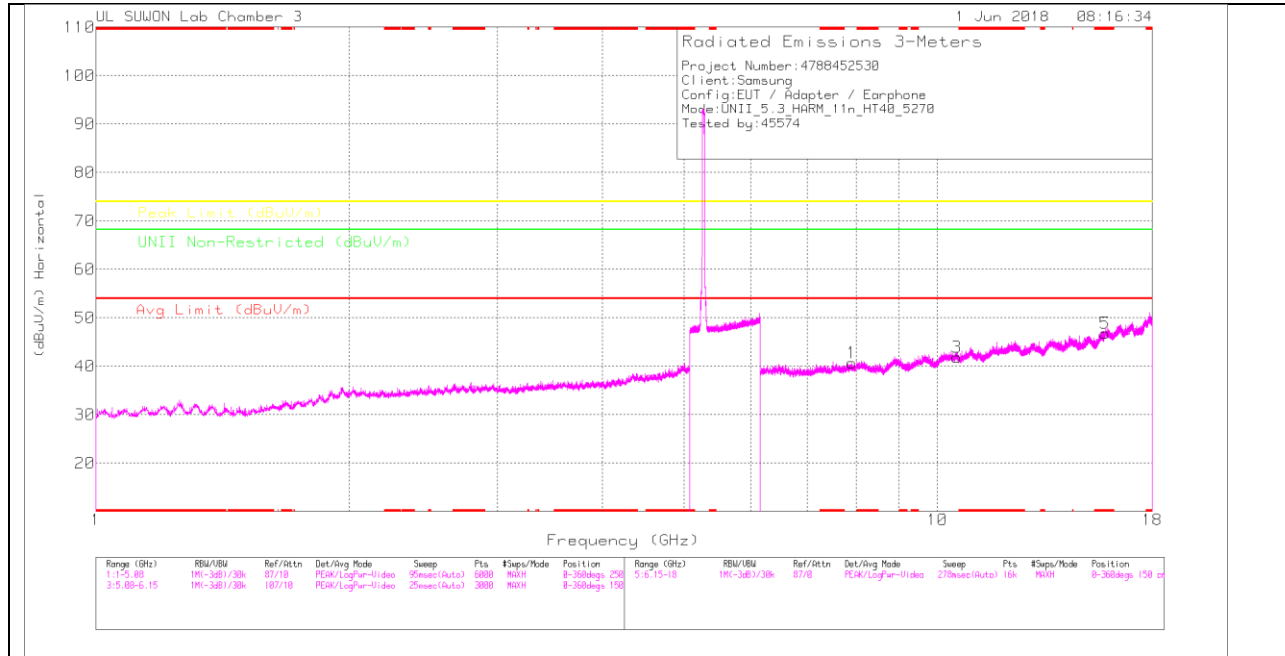
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

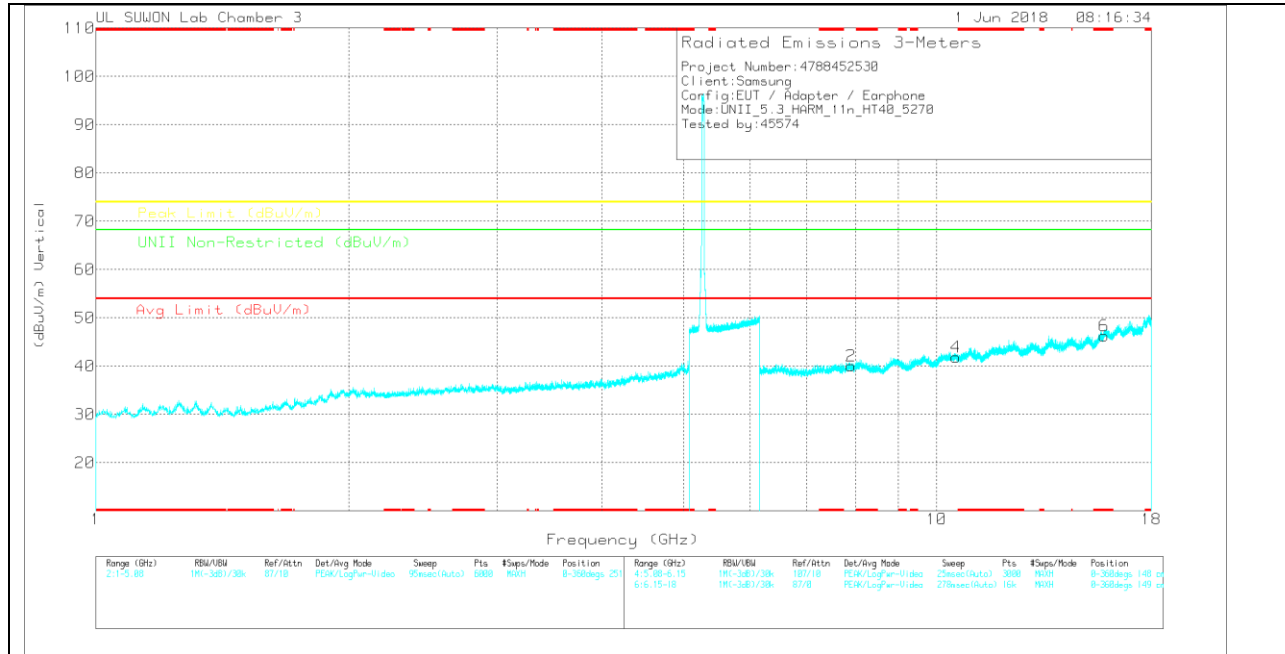
RMS - RMS detection

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

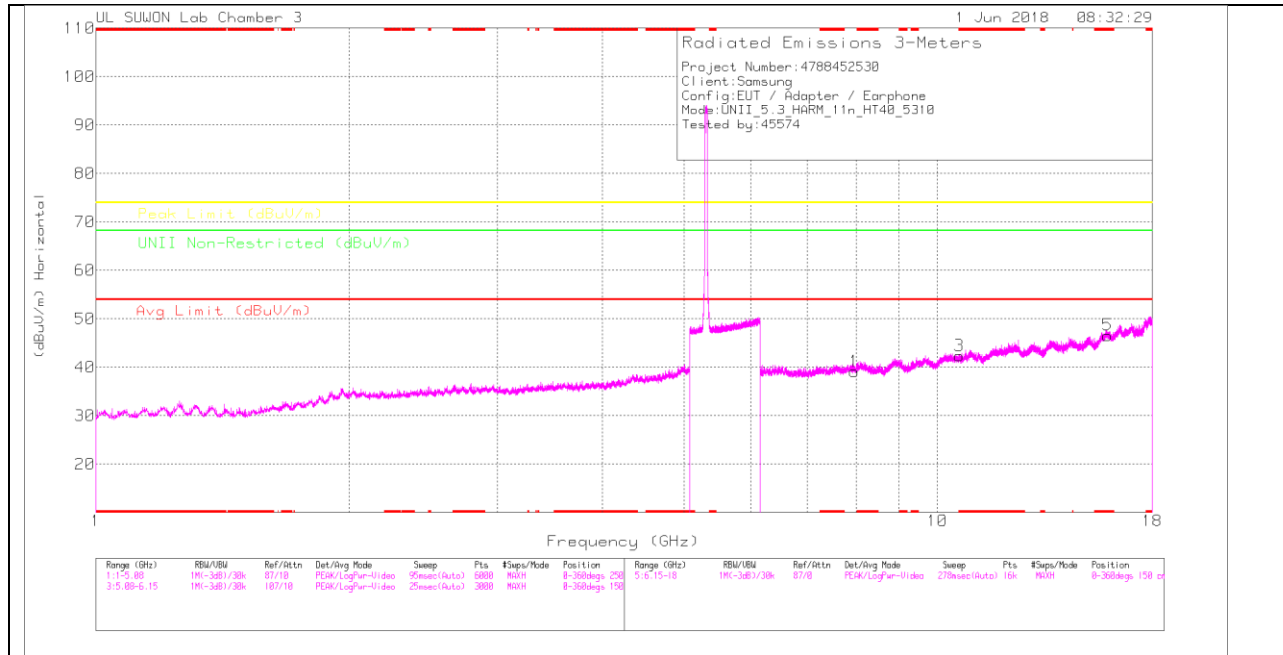
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00209998)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.905	27.56	PK	35.7	-22.5	0	40.76	-	-	-	-	68.2	-27.44	0-360	150	H
3	10.541	23.48	PK	37.7	-19.3	0	41.88	-	-	-	-	68.2	-26.32	0-360	150	H
5	* 15.811	24.95	PK	40.7	-18.9	0	46.75	-	-	74	-27.25	-	-	0-360	250	H
2	7.905	26.81	PK	35.7	-22.5	0	40.01	-	-	-	-	68.2	-28.19	0-360	149	V
4	10.541	23.5	PK	37.7	-19.3	0	41.9	-	-	-	-	68.2	-26.3	0-360	149	V
6	* 15.811	24.4	PK	40.7	-18.8	0	46.3	-	-	74	-27.7	-	-	0-360	250	V

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

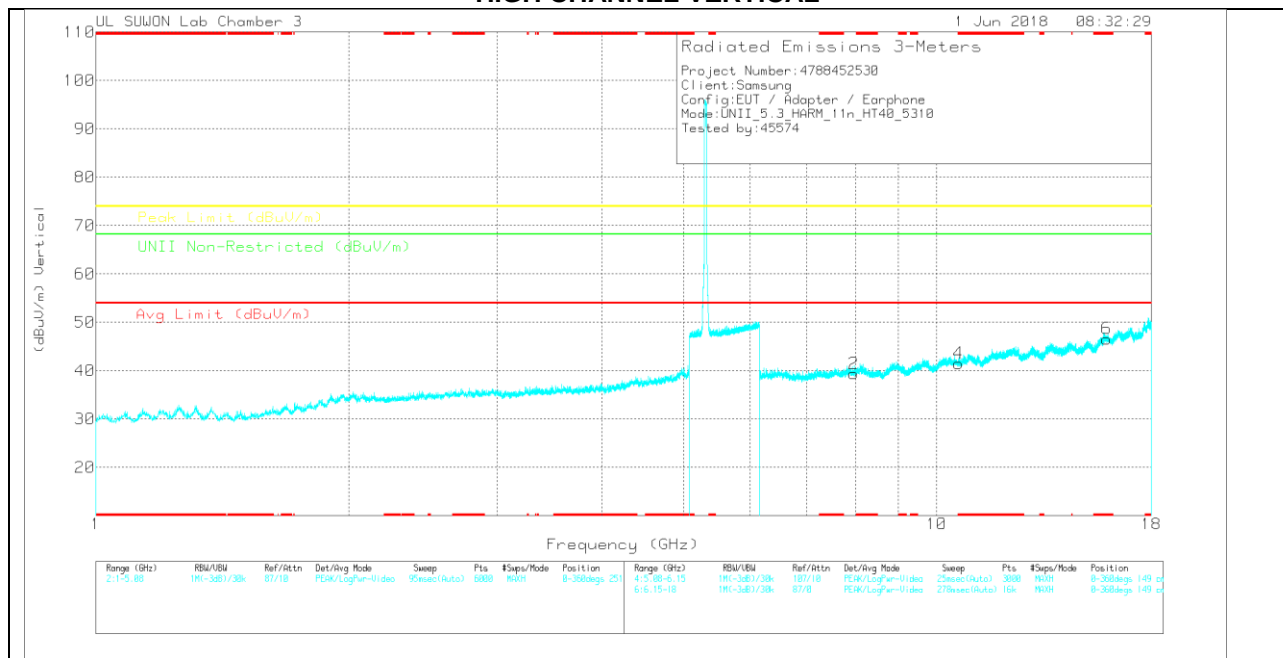
PK – Peak Detector

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

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(0020959)	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.965	26.09	PK	35.7	-22.7	0	39.09	-	-	-	-	68.2	-29.11	0-360	250	H
3	* 10.62	23.94	PK	37.7	-19.3	0	42.34	-	-	74	-31.66	-	-	0-360	150	H
5	* 15.931	24.01	PK	41	-18.4	0	46.61	-	-	74	-27.39	-	-	0-360	150	H
2	7.965	26.38	PK	35.7	-22.7	0	39.38	-	-	-	-	68.2	-28.82	0-360	149	V
4	* 10.62	23.14	PK	37.7	-19.3	0	41.54	-	-	74	-32.46	-	-	0-360	149	V
6	* 15.931	24.01	PK	41	-18.4	0	46.61	-	-	74	-27.39	-	-	0-360	250	V

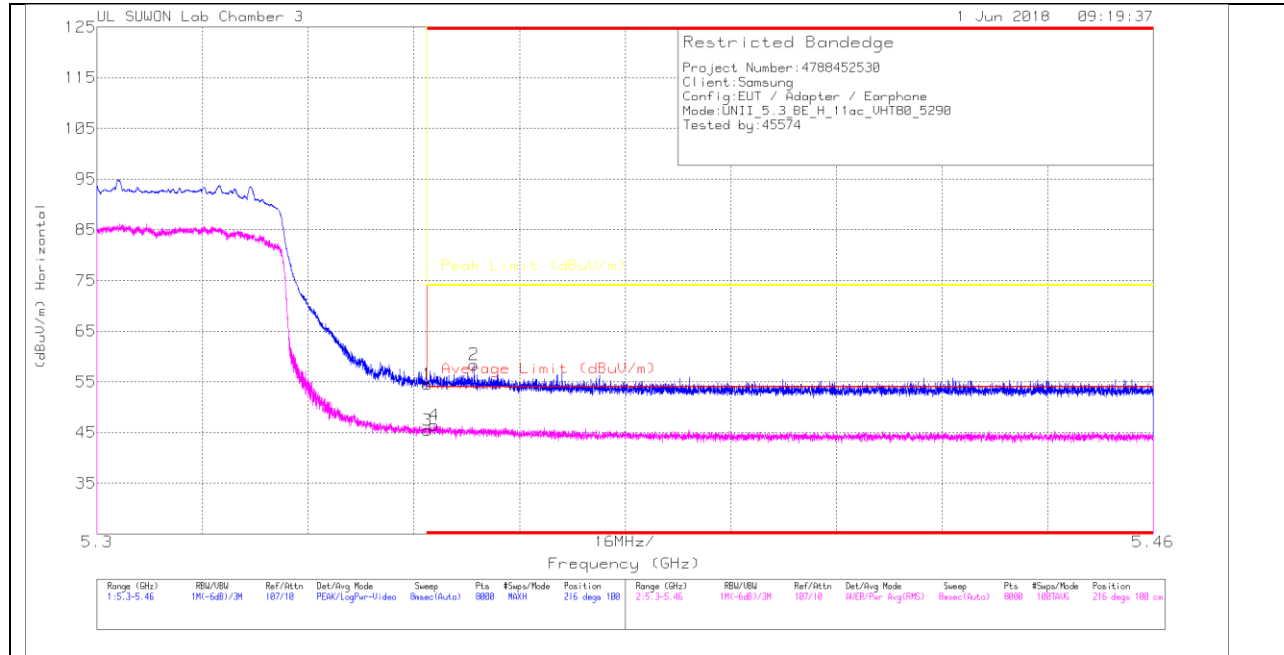
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

11.2.4. TX ABOVE 1GHz 802.11ac VHT80 MODE IN THE 5.3GHz BAND

RESTRICTED BANDEDGE (High CHANNEL) HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

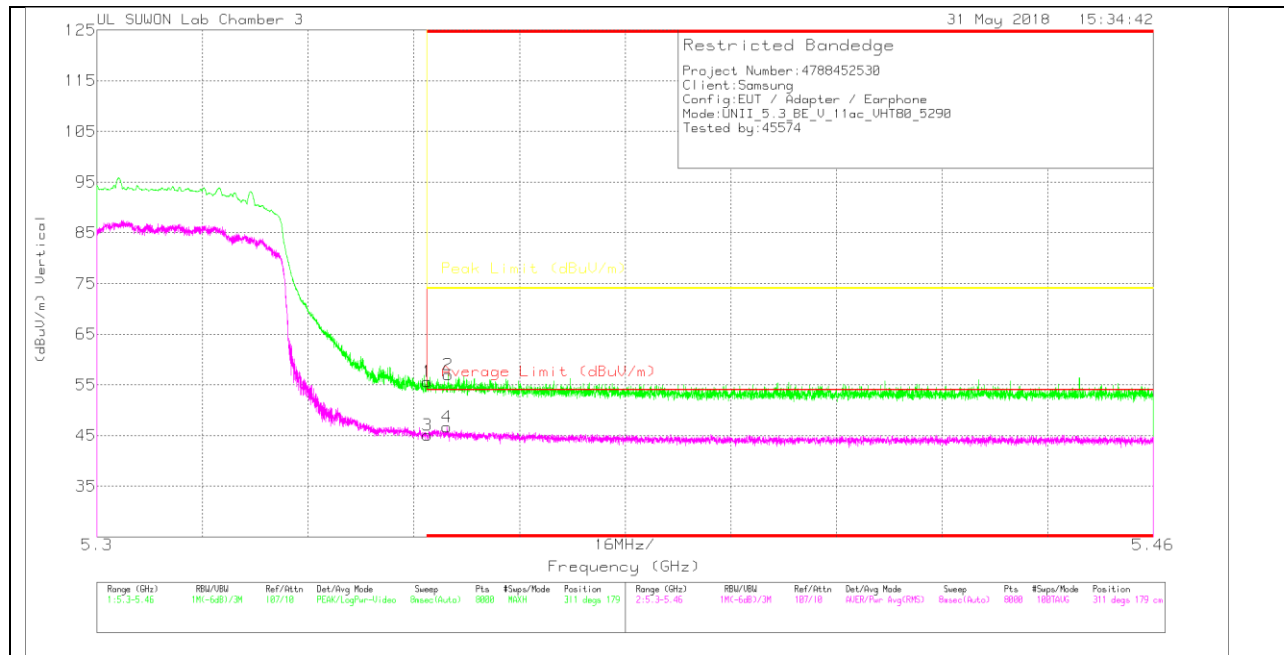
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	311700205959	100B_ATT[dB]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	* 5.35	38.83	Pk	34.4	-18.7	0	54.53	-	-	74	-19.47	216	100	H
2	* 5.357	42.62	Pk	34.4	-18.6	0	58.42	-	-	74	-15.58	216	100	H
3	* 5.35	28.56	RMS	34.4	-19	1.47	45.43	54	-8.57	-	-	216	100	H
4	* 5.351	29.56	RMS	34.4	-19	1.47	46.43	54	-7.57	-	-	216	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_ATT[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	39.93	Pk	34.4	-18.7	0	55.63	-	-	74	-18.37	311	179	V
2	* 5.353	41.16	Pk	34.4	-18.6	0	56.96	-	-	74	-17.04	311	179	V
3	* 5.35	28.15	RMS	34.4	-19	1.47	45.02	54	-8.98	-	-	311	179	V
4	* 5.353	29.77	RMS	34.4	-19	1.47	46.64	54	-7.36	-	-	311	179	V

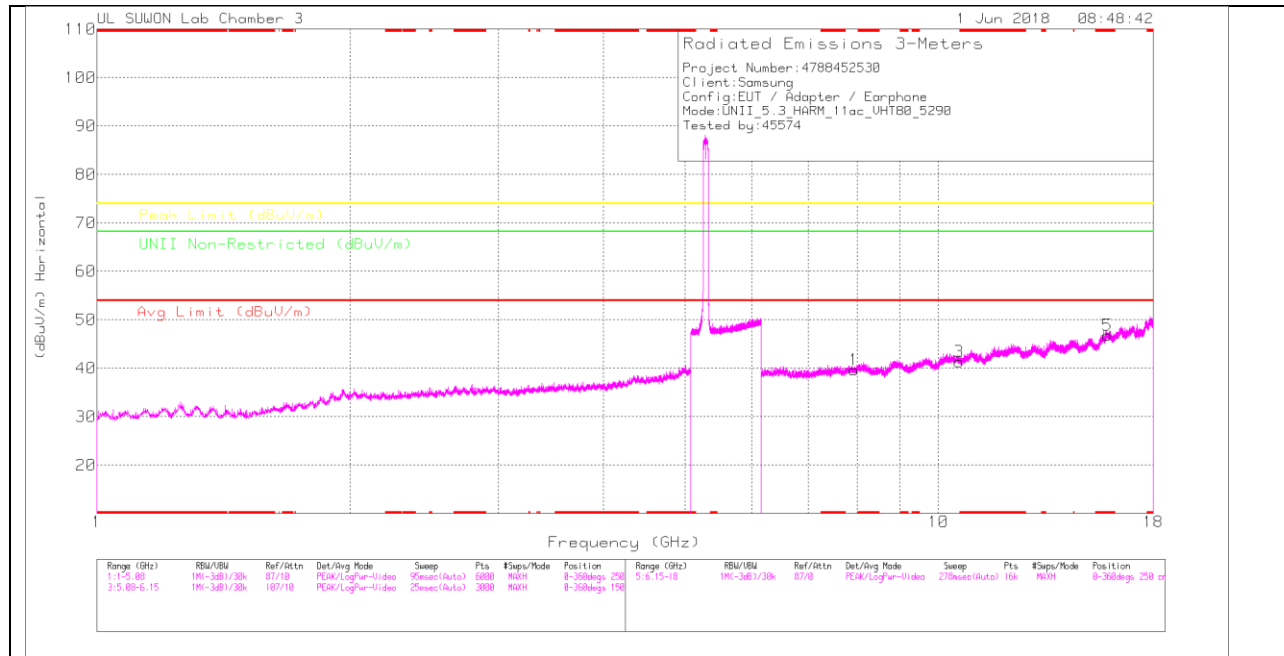
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

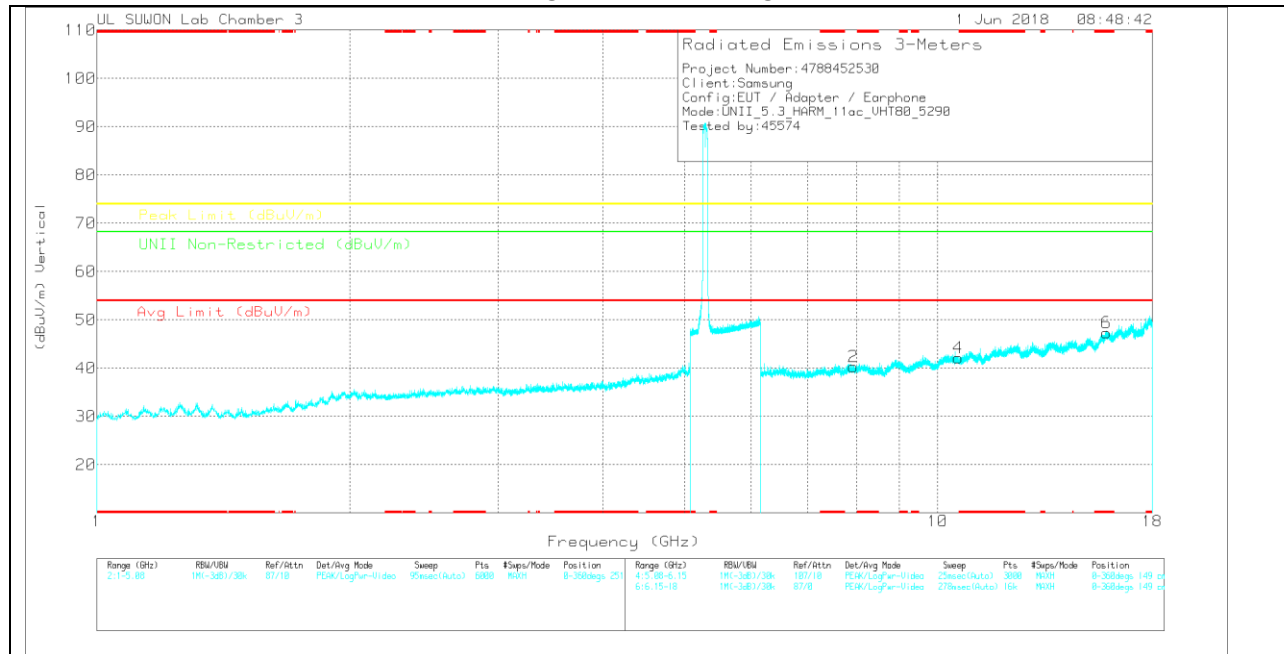
RMS - RMS detection

HARMONICS AND SPURIOUS EMISSIONS

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00209998)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	7.936	26.55	PK	35.7	-22.6	0	39.65	-	-	-	-	68.2	-28.55	0-360	150	H
3	10.581	22.94	PK	37.7	-19.3	0	41.34	-	-	-	-	68.2	-26.86	0-360	150	H
5	* 15.87	24.53	PK	40.9	-18.6	0	46.83	-	-	74	-27.17	-	-	0-360	150	H
2	7.935	27.15	PK	35.7	-22.5	0	40.35	-	-	-	-	68.2	-27.85	0-360	149	V
4	10.581	23.67	PK	37.7	-19.3	0	42.07	-	-	-	-	68.2	-26.13	0-360	250	V
6	* 15.871	24.9	PK	40.9	-18.5	0	47.3	-	-	74	-26.7	-	-	0-360	149	V

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

PK – Peak Detector

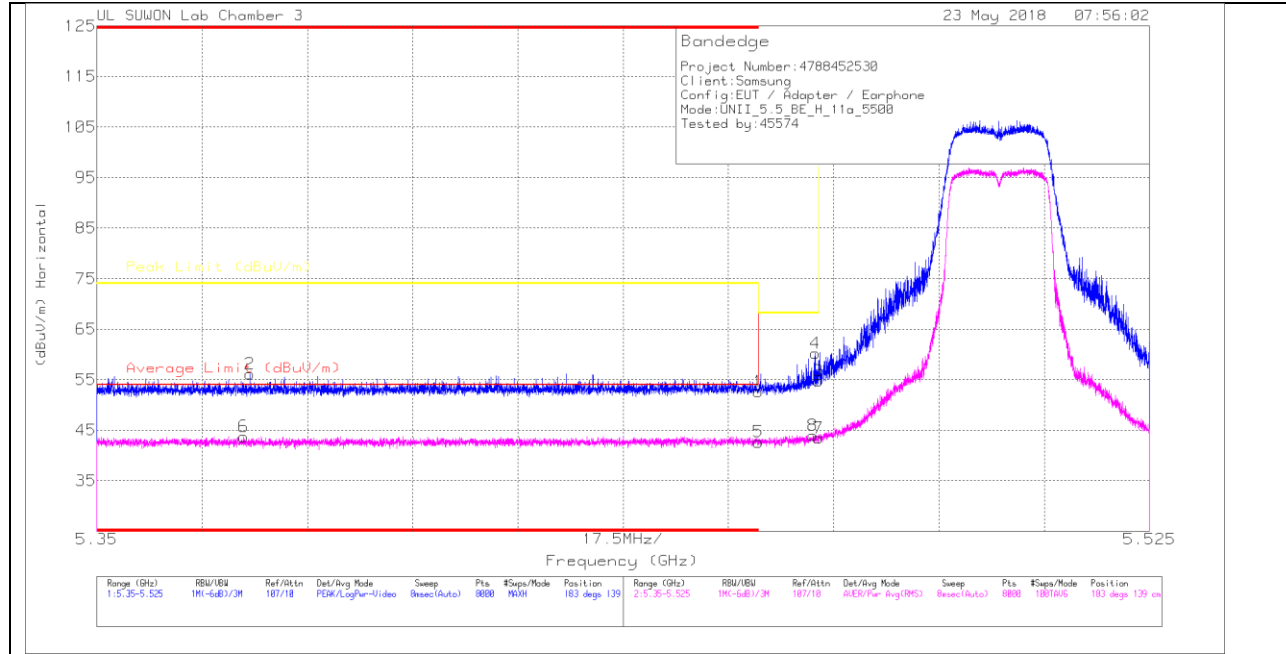
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

11.3. 5.5-5.6 GHz

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

RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

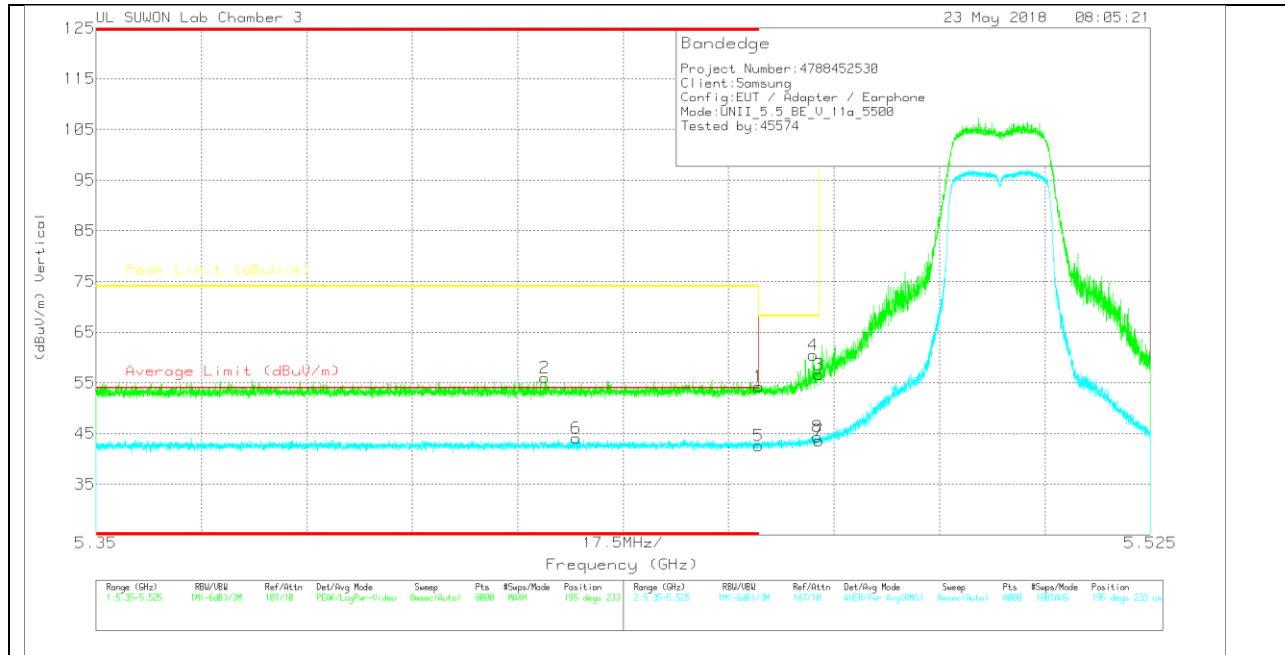
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	311700005959	1008_ATT[08]	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	36.8	Pk	34.3	-18.4	0	52.7	-	-	74	-21.3	183	139	H
2	* 5.375	40.48	Pk	34.3	-18.6	0	56.18	-	-	74	-17.82	183	139	H
3	5.47	38.87	Pk	34.3	-18.4	0	54.77	-	-	68.2	-13.43	183	139	H
4	5.469	44.3	Pk	34.3	-18.4	0	60.2	-	-	68.2	-8	183	139	H
5	* 5.46	27.16	RMS	34.3	-18.8	0	42.66	54	-11.34	-	-	183	139	H
6	* 5.374	28.37	RMS	34.4	-19	0	43.77	54	-10.23	-	-	183	139	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 5.46	38.4	Pk	34.3	-18.4	0	54.3	-	-	74	-19.7	195	233	V
2	* 5.424	40.05	Pk	34.3	-18.4	0	55.95	-	-	74	-18.05	195	233	V
3	5.47	40.71	Pk	34.3	-18.4	0	56.61	-	-	68.2	-11.59	195	233	V
4	5.469	44.53	Pk	34.3	-18.4	0	60.43	-	-	68.2	-7.77	195	233	V
5	* 5.46	27.12	RMS	34.3	-18.8	0	42.62	54	-11.38	-	-	195	233	V
6	* 5.43	28.66	RMS	34.3	-18.9	0	44.06	54	-9.94	-	-	195	233	V

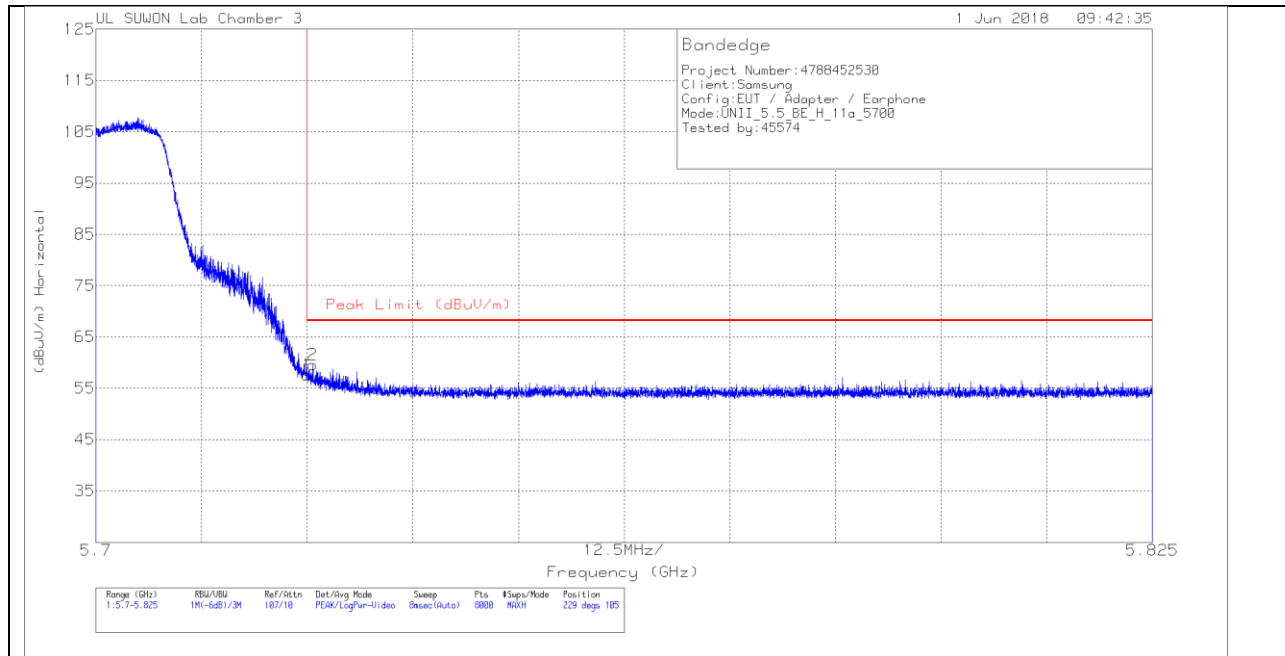
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



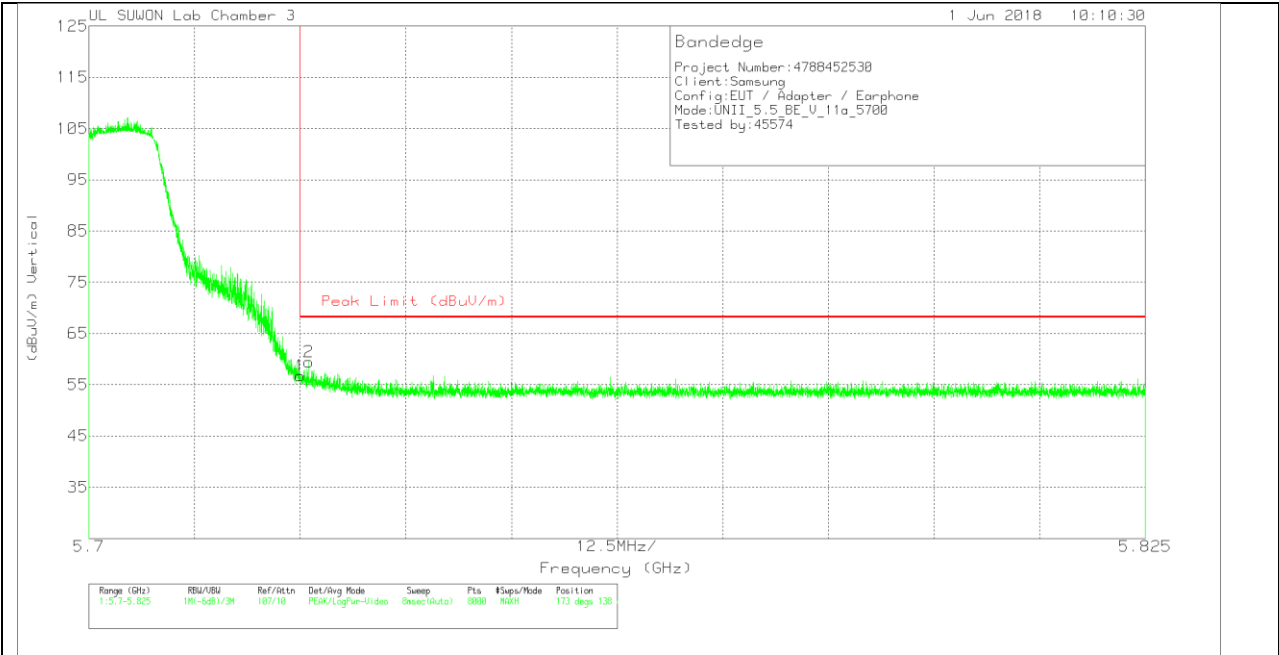
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.83	Pk	34.7	-17.9	57.63	68.2	-10.57	229	105	H
2	5.726	42.73	Pk	34.7	-17.9	59.53	68.2	-8.67	229	105	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

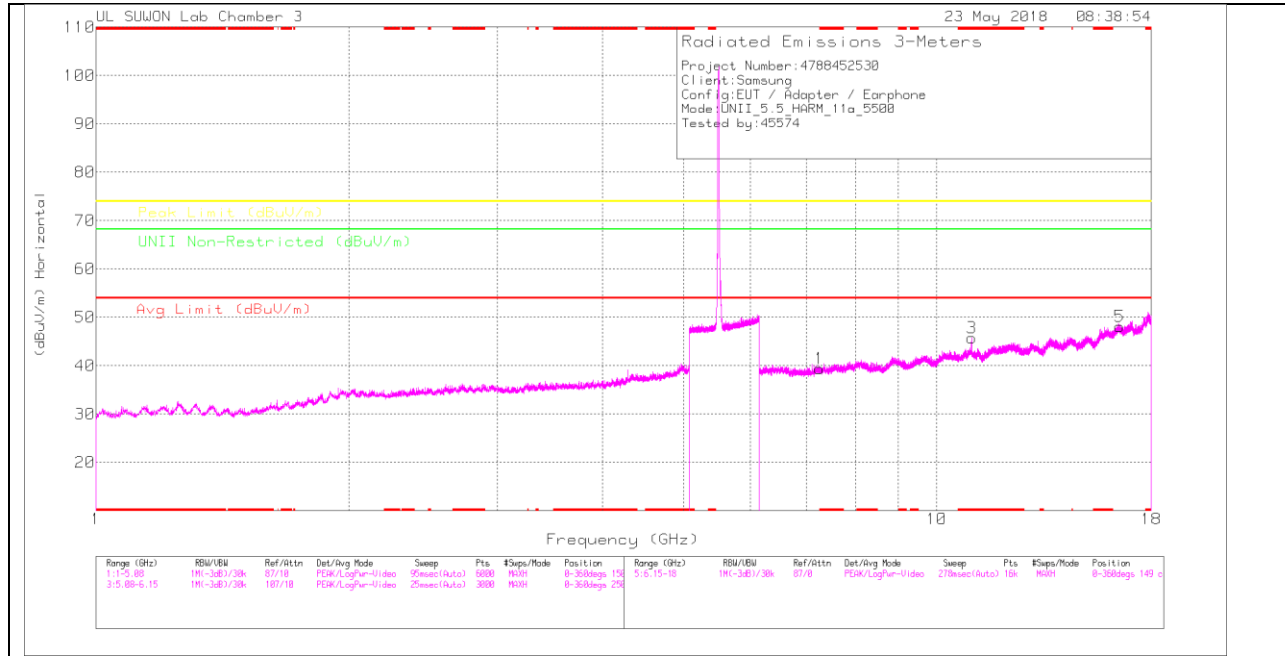
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	39.95	Pk	34.7	-17.9	56.75	68.2	-11.45	173	138	V
2	5.726	42.64	Pk	34.7	-17.9	59.44	68.2	-8.76	173	138	V

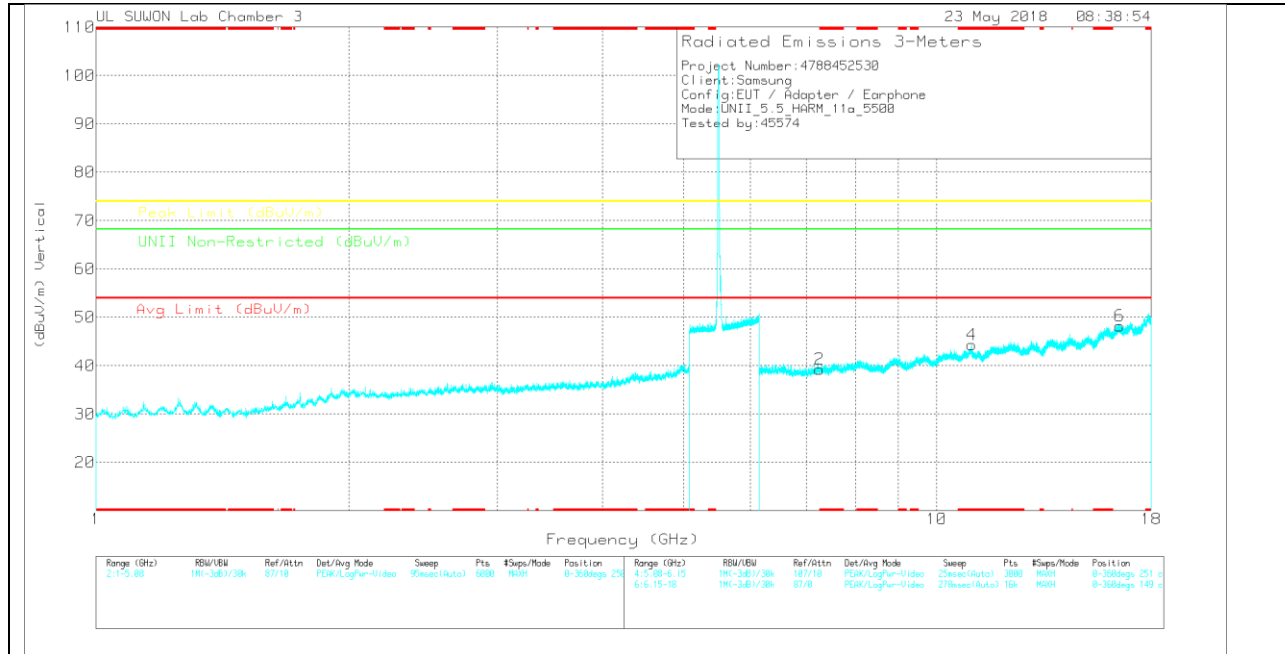
Pk - Peak detector

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(0020959)	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
1	7.248	27.08	PK	35.6	-23.3	0	39.38	-	-	-	-	68.2	-28.82	0-360	250	H
3	* 11	27.52	PK	37.8	-19.5	0	45.82	-	-	74	-28.18	-	-	0-360	250	H
5	16.499	24.11	PK	41.4	-17.4	0	48.11	-	-	-	-	68.2	-20.09	0-360	149	H
2	7.248	26.98	PK	35.6	-23.3	0	39.28	-	-	-	-	68.2	-28.92	0-360	149	V
4	* 11.001	26.06	PK	37.8	-19.5	0	44.36	-	-	74	-29.64	-	-	0-360	149	V
6	16.5	24.21	PK	41.4	-17.4	0	48.21	-	-	-	-	68.2	-19.99	0-360	149	V

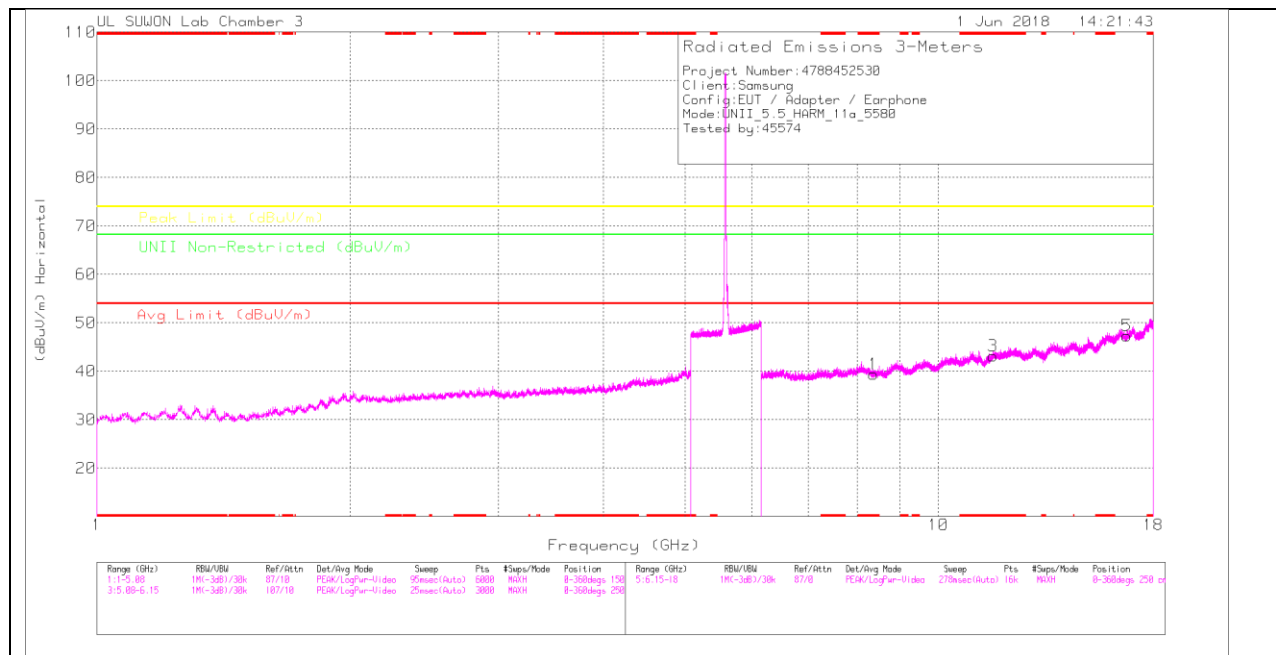
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

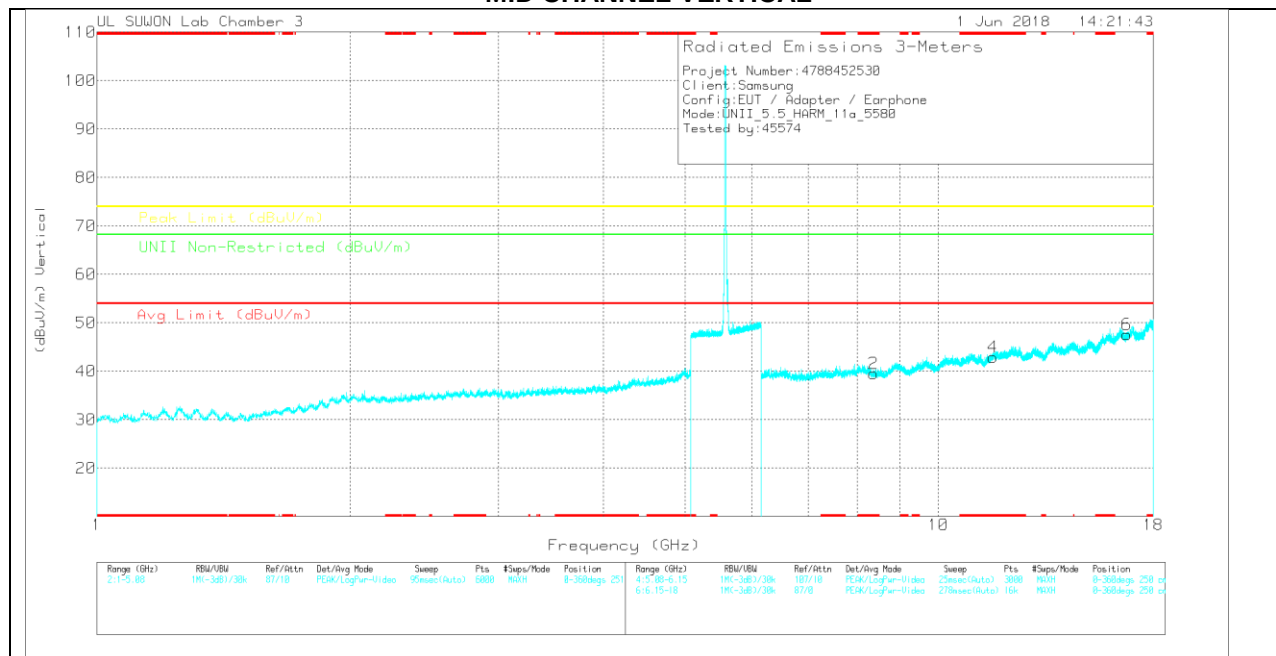
Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNI Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 11.001	38.5	PK-U	37.8	-19.5	0	56.8	-	-	74	-17.2	-	-	171	243	H
* 11.001	26.68	ADR	37.8	-19.5	0	44.98	54	-9.02	-	-	-	-	171	243	H
* 11.001	37	PK-U	37.8	-19.5	0	55.3	-	-	74	-18.7	-	-	161	100	V
* 11.001	25.45	ADR	37.8	-19.5	0	43.75	54	-10.25	-	-	-	-	161	100	V

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

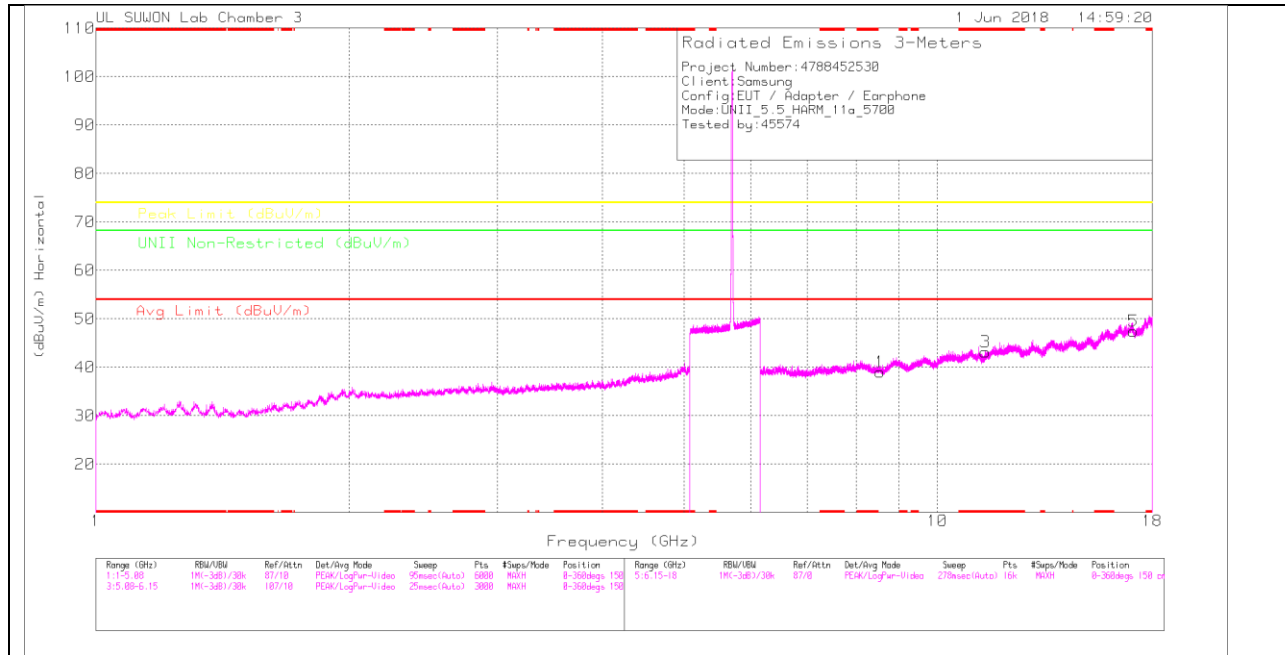
Marker	Frequency (GHz)	Motor Reading (dBuV)	Det	3117(0020995)	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.371	25.56	PK	35.8	-21.9	0	39.46	-	-	74	-34.54	-	-	0-360	250	H
3	* 11.601	24.76	PK	38.2	-19.8	0	43.16	-	-	74	-30.84	-	-	0-360	250	H
5	16.74	22.77	PK	41.5	-17	0	47.27	-	-	-	-	68.2	-20.93	0-360	250	H
2	* 8.371	25.63	PK	35.8	-21.9	0	39.53	-	-	74	-34.47	-	-	0-360	149	V
4	* 11.601	24.51	PK	38.2	-19.8	0	42.91	-	-	74	-31.09	-	-	0-360	149	V
6	16.74	23.14	PK	41.5	-17	0	47.64	-	-	-	-	68.2	-20.56	0-360	250	V

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

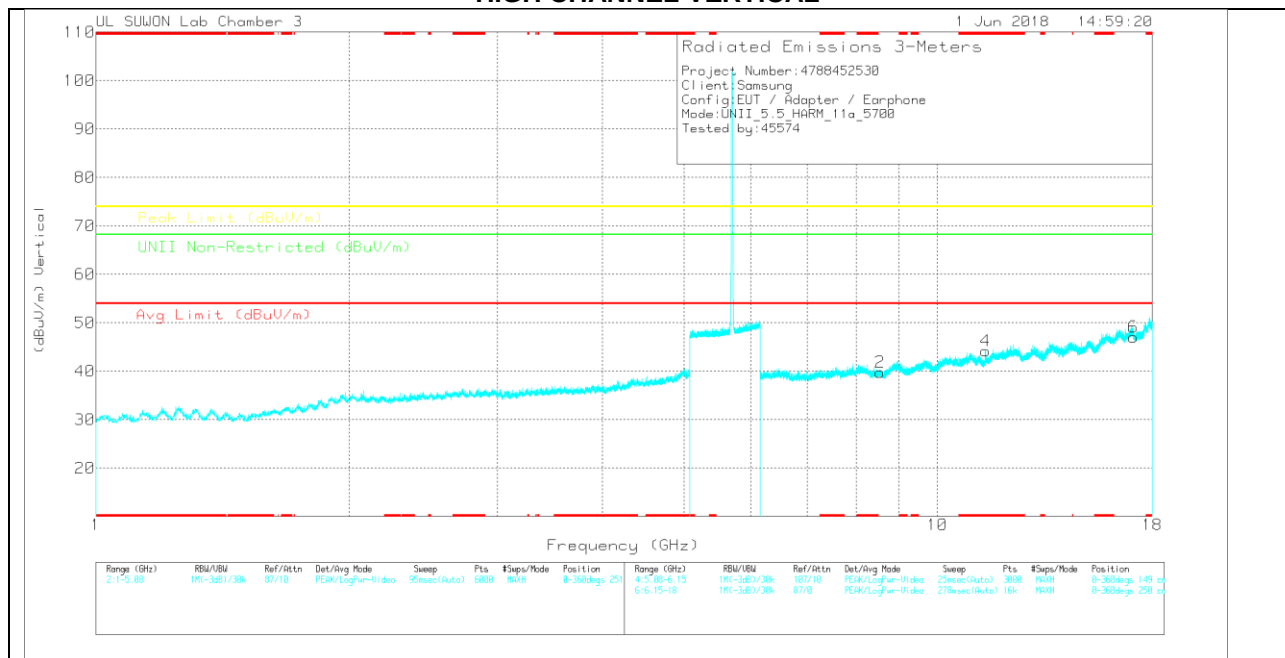
PK – Peak detector

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

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(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.551	24.42	PK	35.8	-21.2	0	39.02	-	-	-	-	68.2	-29.18	0-360	150	H
3	* 11.4	24.71	PK	38	-19.6	0	43.11	-	-	74	-30.89	-	-	0-360	150	H
5	17.101	22.41	PK	41	-16	0	47.41	-	-	-	-	68.2	-20.79	0-360	250	H
2	8.551	25.23	PK	35.8	-21.2	0	39.83	-	-	-	-	68.2	-28.37	0-360	149	V
4	* 11.401	25.91	PK	38	-19.7	0	44.21	-	-	74	-29.79	-	-	0-360	250	V
6	17.101	22.05	PK	41	-16	0	47.05	-	-	-	-	68.2	-21.15	0-360	149	V

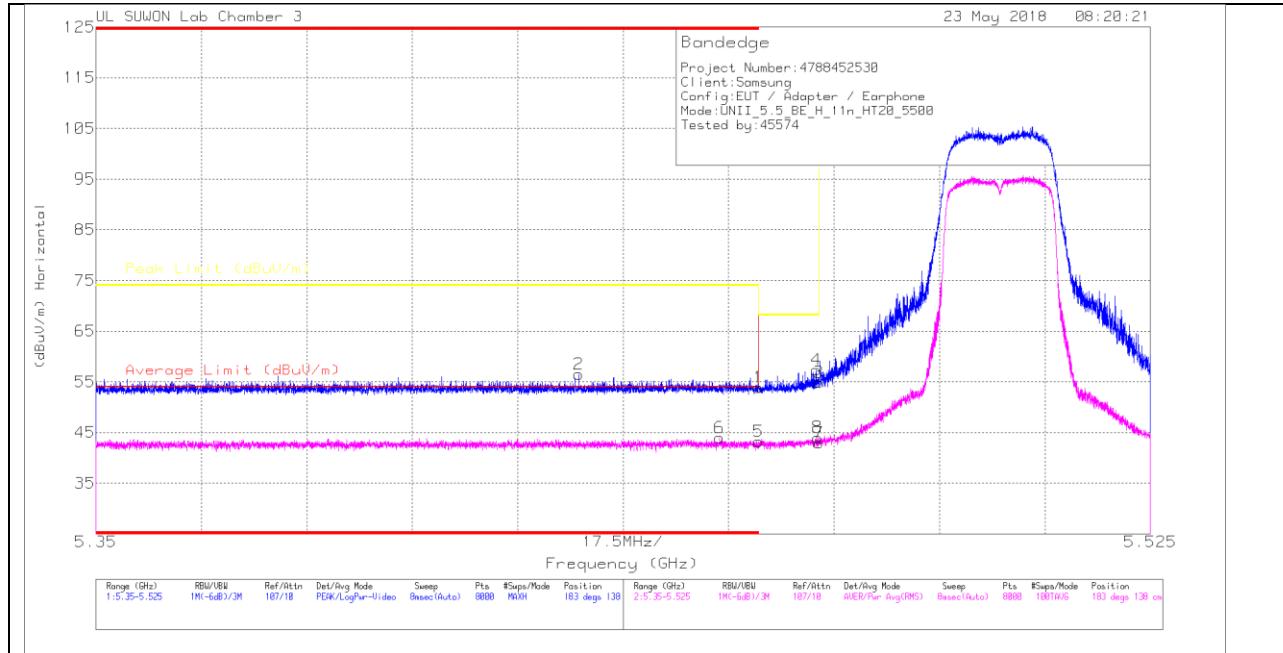
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

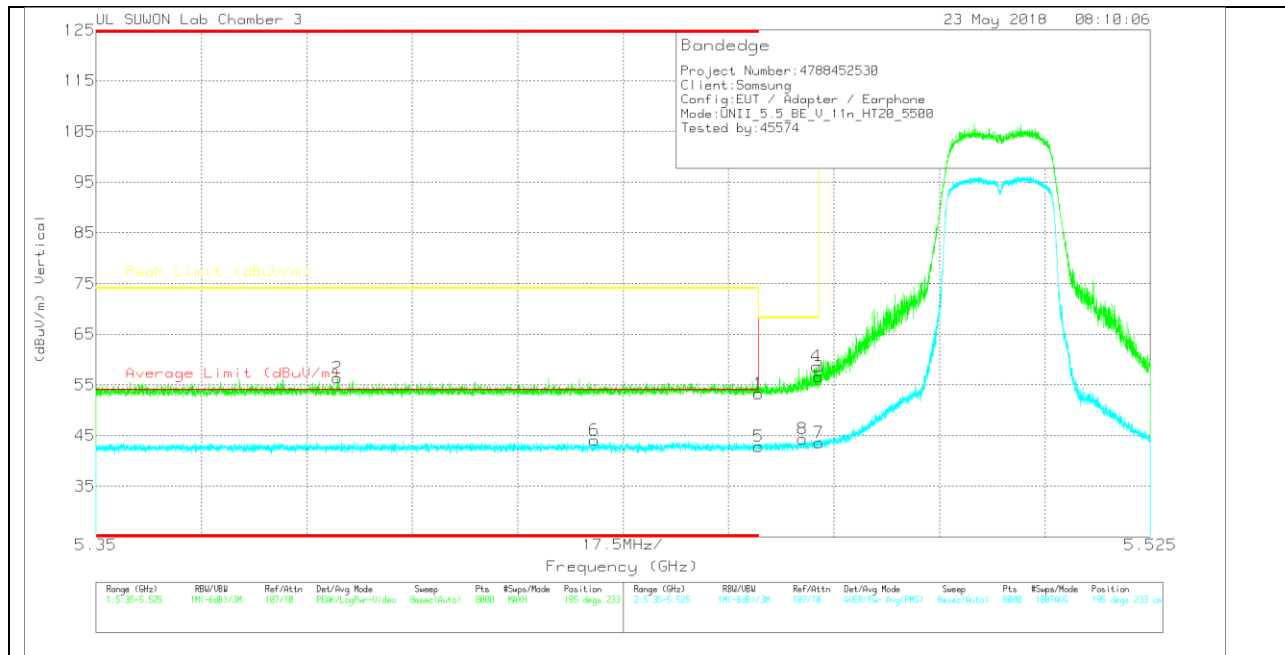
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	100B_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	37.98	Pk	34.3	-18.4	0	53.88	-	-	74	-20.12	183	138	H
2	* 5.43	40.56	Pk	34.3	-18.4	0	56.46	-	-	74	-17.54	183	138	H
3	5.47	38.96	Pk	34.3	-18.4	0	54.86	-	-	68.2	-13.34	183	138	H
4	5.47	41.51	Pk	34.3	-18.4	0	57.41	-	-	68.2	-10.79	183	138	H
5	* 5.46	27.74	RMS	34.3	-18.8	0	43.24	54	-10.76	-	-	183	138	H
6	* 5.454	28.46	RMS	34.3	-18.8	0	43.96	54	-10.04	-	-	183	138	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_ATT[dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 5.46	37.36	Pk	34.3	-18.4	0	53.26	-	-	74	-20.74	195	233	V
2	* 5.39	40.54	Pk	34.3	-18.5	0	56.34	-	-	74	-17.66	195	233	V
3	5.47	40.78	Pk	34.3	-18.4	0	56.68	-	-	68.2	-11.52	195	233	V
4	5.47	42.77	Pk	34.3	-18.4	0	58.67	-	-	68.2	-9.53	195	233	V
5	* 5.46	27.33	RMS	34.3	-18.8	0	42.83	54	-11.17	-	-	195	233	V
6	* 5.433	28.65	RMS	34.3	-18.9	0	44.05	54	-9.95	-	-	195	233	V

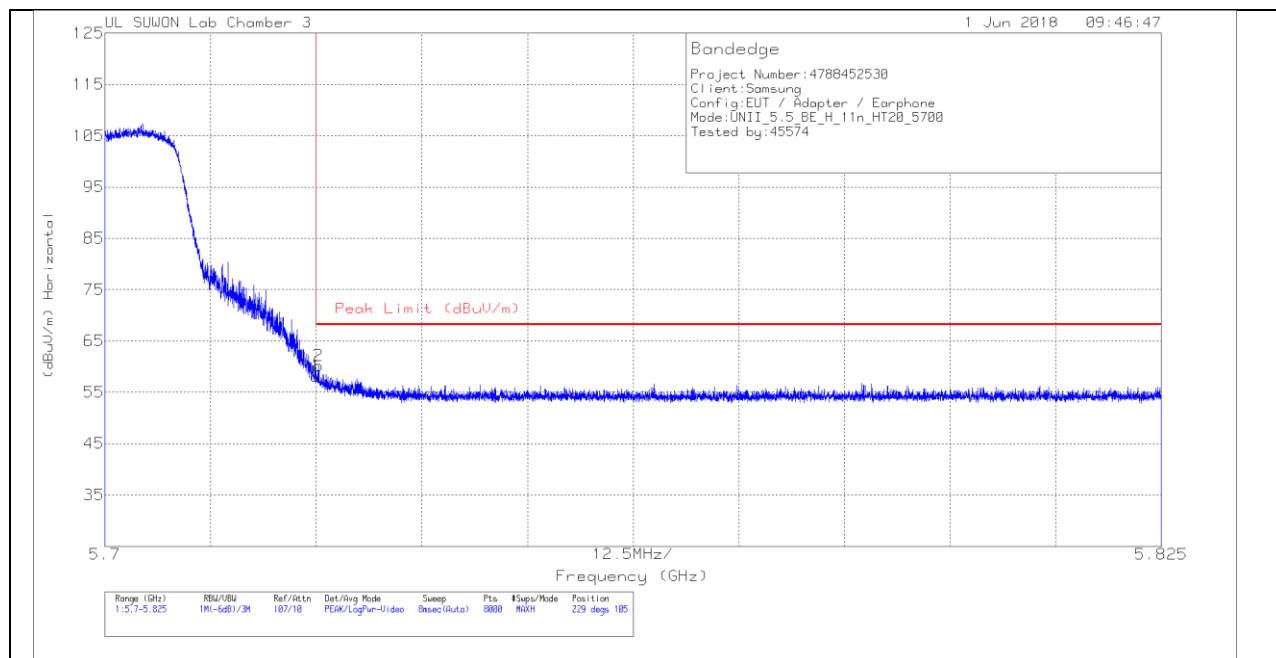
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



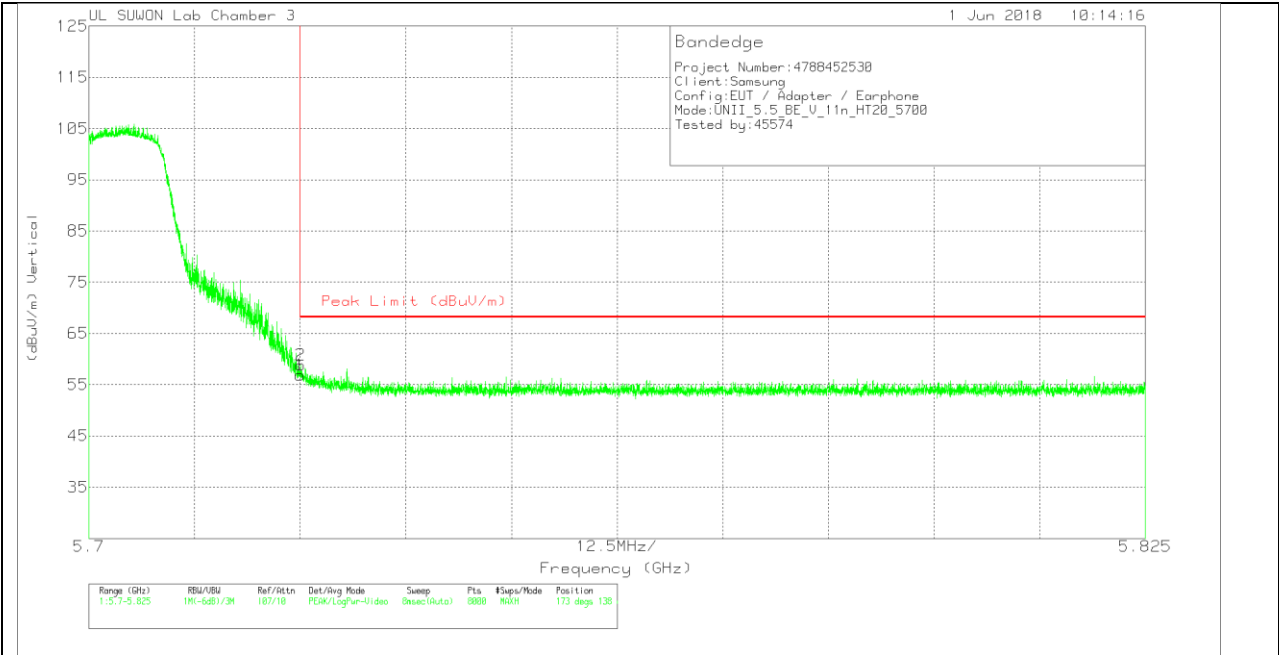
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	41.35	Pk	34.7	-17.9	58.15	68.2	-10.05	229	105	H
2	5.725	43.4	Pk	34.7	-17.9	60.2	68.2	-8	229	105	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

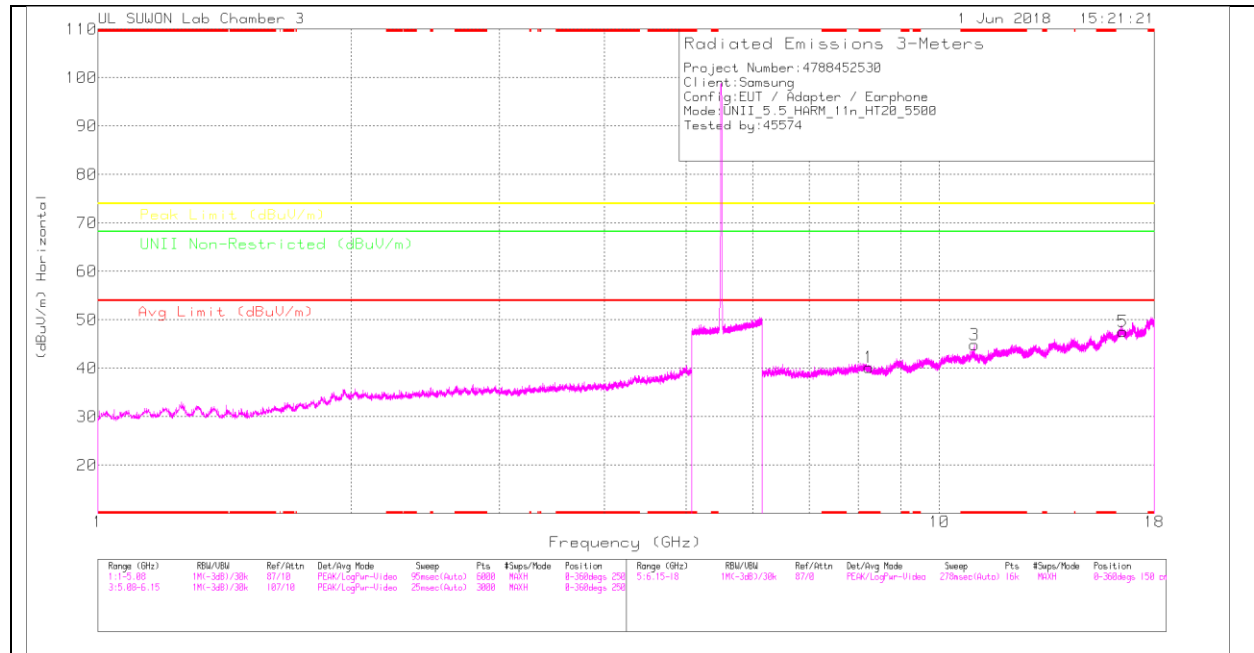
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	40.04	Pk	34.7	-17.9	56.84	68.2	-11.36	173	138	V
2	5.725	42.05	Pk	34.7	-17.9	58.85	68.2	-9.35	173	138	V

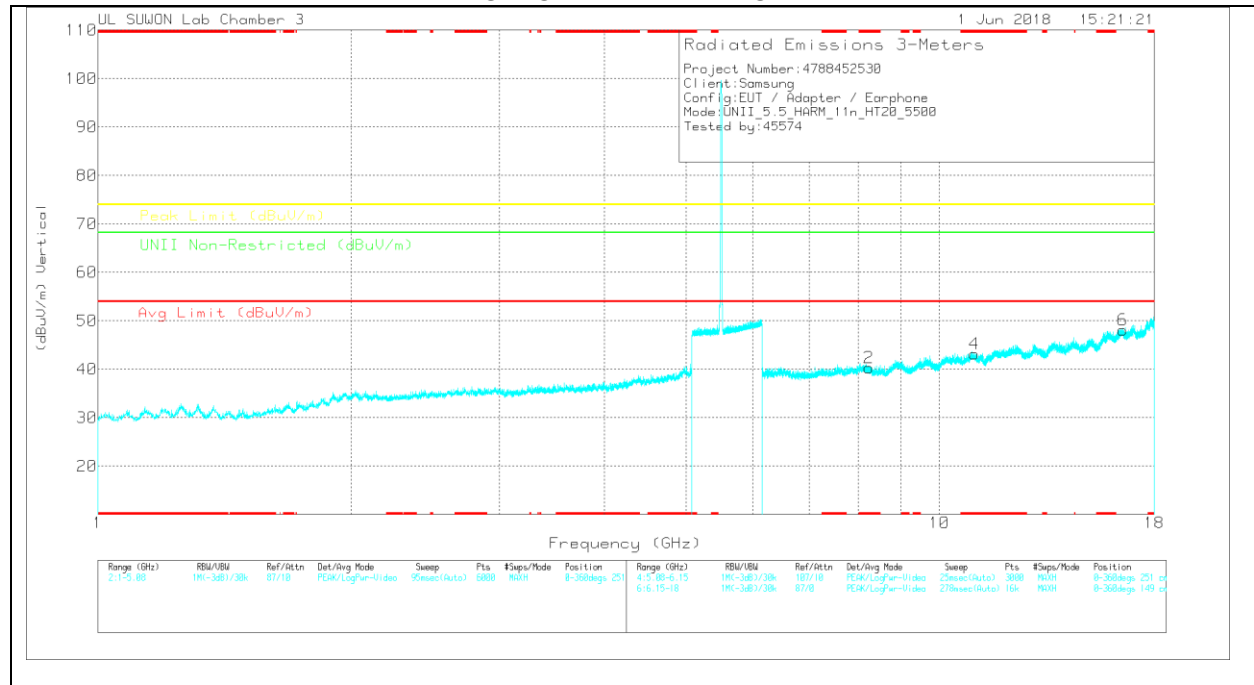
Pk - Peak detector

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

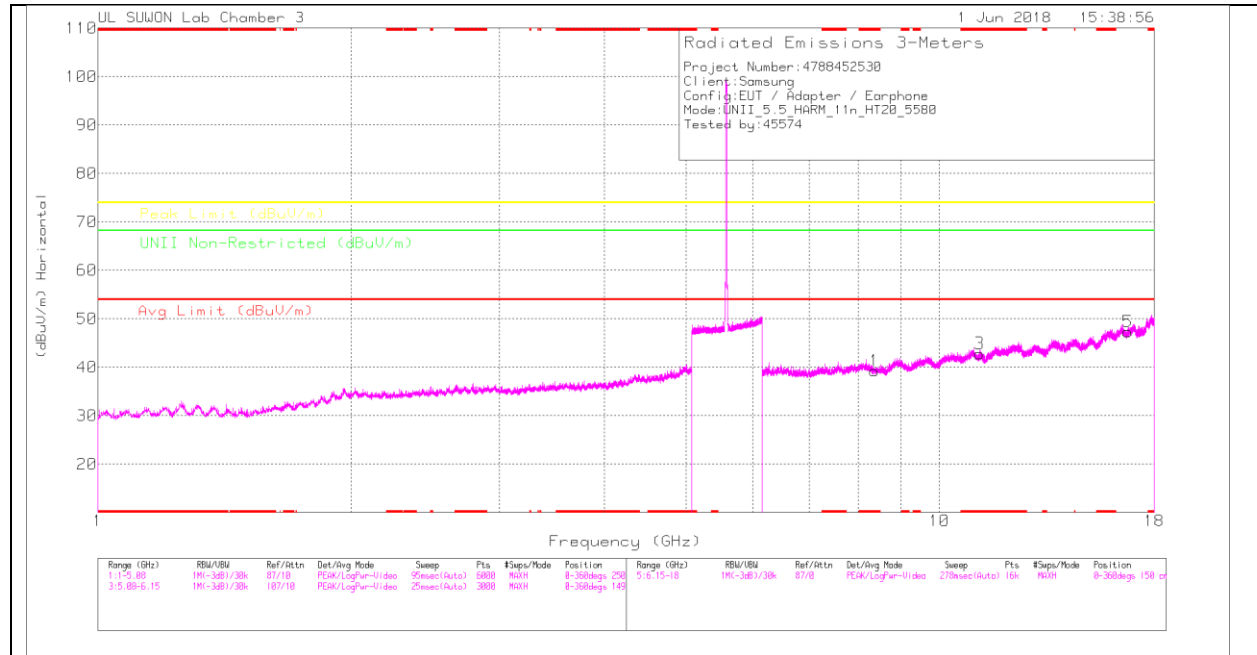
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.251	26.26	PK	35.8	-21.9	0	40.16	-	-	74	-33.84	-	-	0-360	150	H
3	* 10.996	26.65	PK	37.8	-19.6	0	44.85	-	-	74	-29.15	-	-	0-360	251	H
5	16.502	23.6	PK	41.4	-17.4	0	47.6	-	-	-	-	68.2	-20.6	0-360	150	H
2	* 8.25	26.43	PK	35.8	-21.9	0	40.33	-	-	74	-33.67	-	-	0-360	251	V
4	* 11.001	24.81	PK	37.8	-19.5	0	43.11	-	-	74	-30.89	-	-	0-360	149	V
6	16.499	24.11	PK	41.4	-17.4	0	48.11	-	-	-	-	68.2	-20.09	0-360	251	V

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

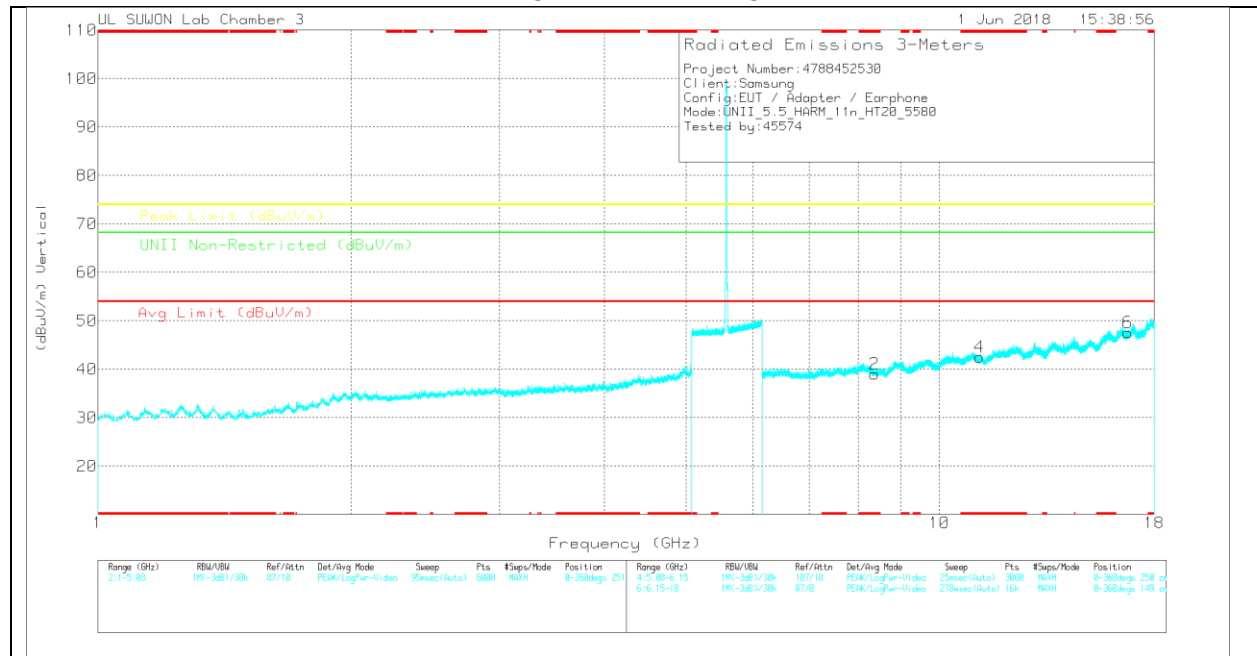
PK – Peak Detector

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

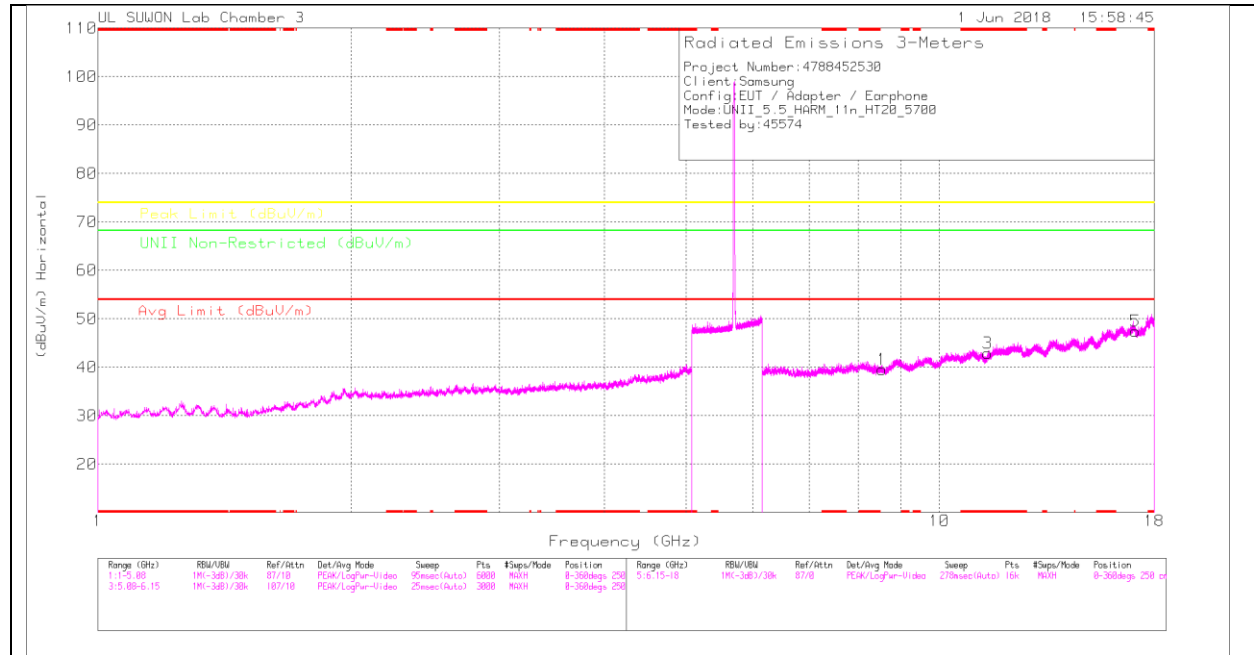
Marker	Frequency (GHz)	Motor Reading (dBuV)	Det	311 f(0000999)	60Hz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Aug Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.373	25.27	PK	35.8	-21.8	0	39.27	-	-	74	-34.73	-	-	0-360	250	H
3	* 11.16	24.74	PK	37.9	-19.8	0	42.84	-	-	74	-31.16	-	-	0-360	150	H
5	16.742	22.78	PK	41.5	-16.9	0	47.38	-	-	-	-	68.2	-20.82	0-360	150	H
2	* 8.373	25.07	PK	35.8	-21.8	0	39.07	-	-	74	-34.93	-	-	0-360	149	V
4	* 11.16	24.42	PK	37.9	-19.8	0	42.52	-	-	74	-31.48	-	-	0-360	250	V
6	16.742	22.93	PK	41.5	-16.9	0	47.53	-	-	-	-	68.2	-20.67	0-360	250	V

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

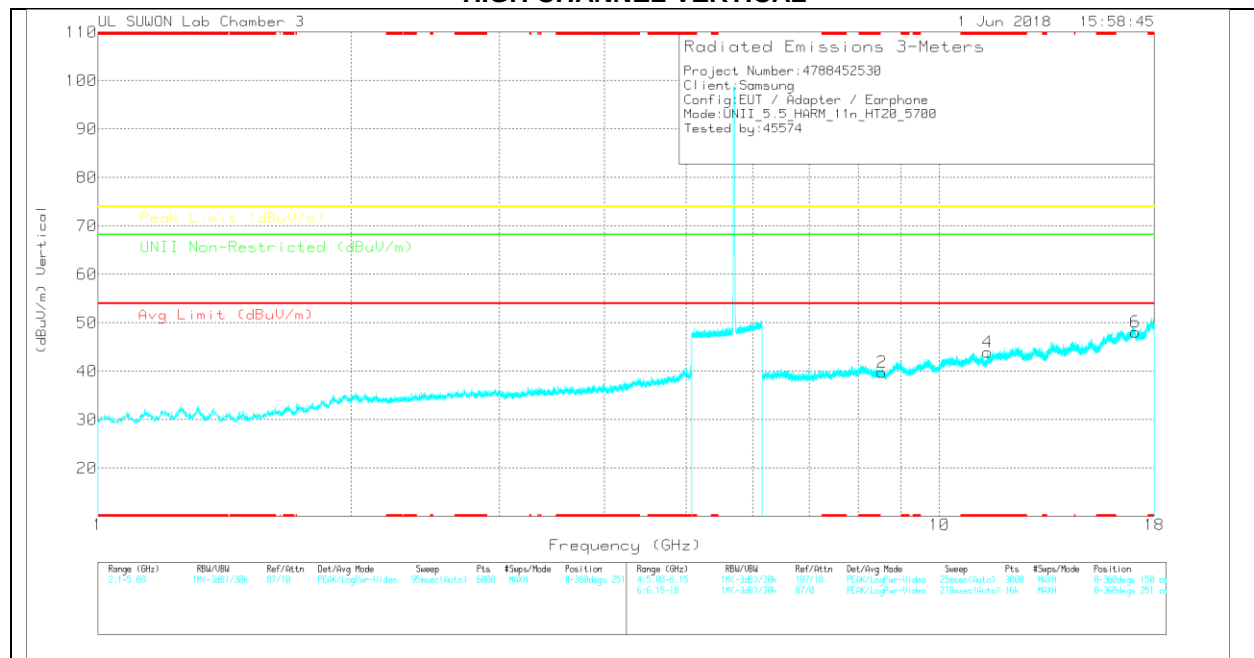
PK – Peak Detector

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

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(00209998)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	8.551	24.9	PK	35.8	-21.2	0	39.5	-	-	-	-	68.2	-28.7	0-360	250	H
3	*11.401	24.55	PK	38	-19.7	0	42.85	-	-	74	-31.15	-	-	0-360	250	H
5	17.101	22.44	PK	41	-16	0	47.44	-	-	-	-	68.2	-20.76	0-360	250	H
2	8.551	25.17	PK	35.8	-21.2	0	39.77	-	-	-	-	68.2	-28.43	0-360	149	V
4	*11.401	25.62	PK	38	-19.7	0	43.92	-	-	74	-30.08	-	-	0-360	251	V
6	17.101	23.07	PK	41	-16	0	46.07	-	-	-	-	68.2	-20.13	0-360	251	V

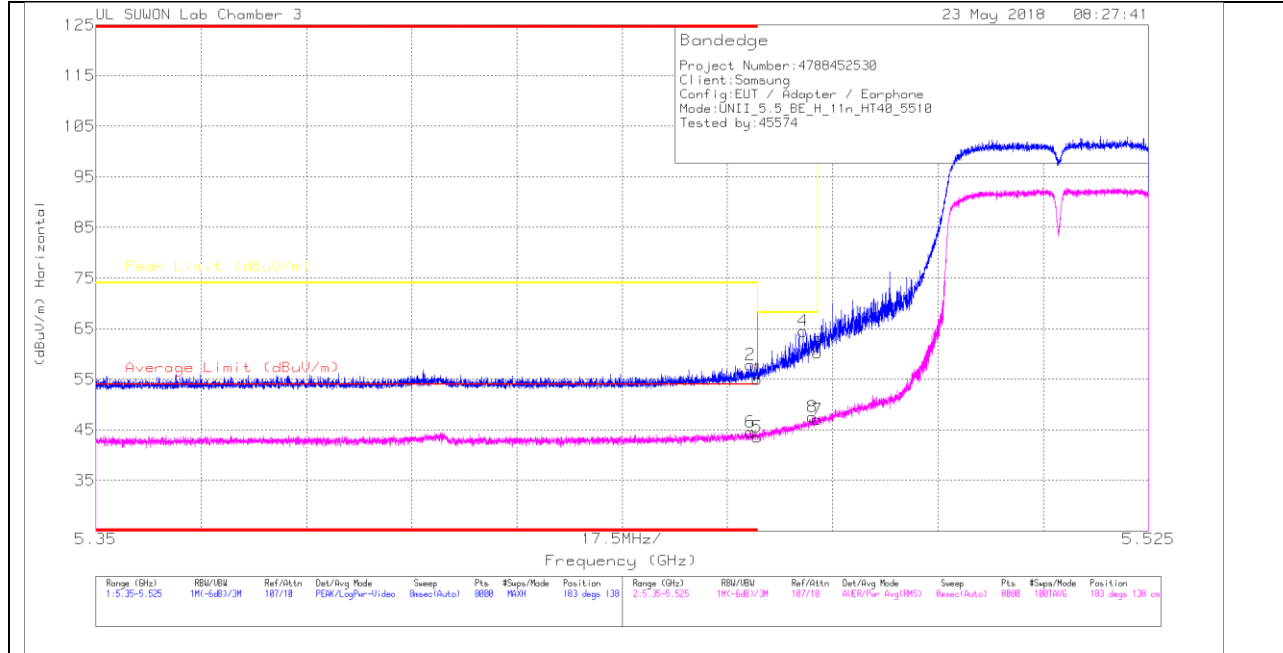
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak Detector

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

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

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

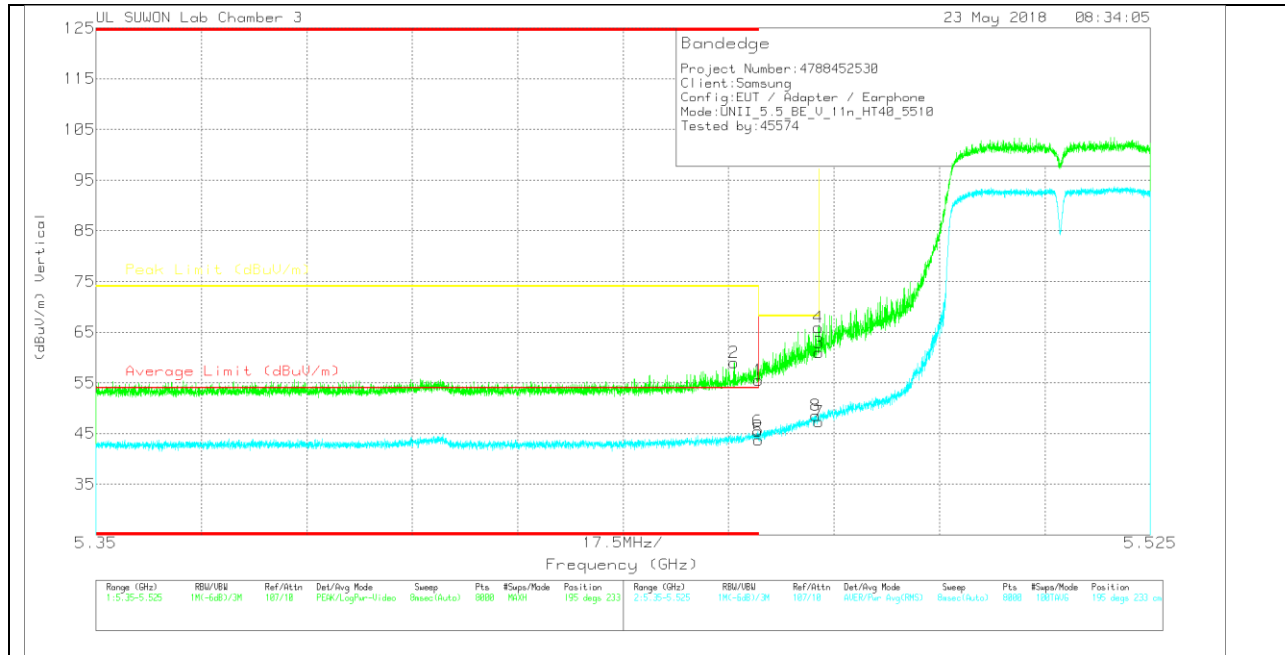
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117(00205959)	100B_ATT(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	39.07	Pk	34.3	-18.4	0	54.97	-	-	74	-19.03	183	138	H
2	* 5.459	41.96	Pk	34.3	-18.4	0	57.86	-	-	74	-16.14	183	138	H
3	5.47	44.3	Pk	34.3	-18.4	0	60.2	-	-	68.2	-8	183	138	H
4	5.468	48.61	Pk	34.3	-18.4	0	64.51	-	-	68.2	-3.69	183	138	H
5	* 5.46	27.92	RMS	34.3	-18.8	-17	43.59	54	-10.41	-	-	183	138	H
6	* 5.459	28.94	RMS	34.3	-18.8	-17	44.61	54	-9.39	-	-	183	138	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_ATT[dB]	DC Corr [dB]	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (m)	Height (cm)	Polarity
1	* 5.46	39.57	Pk	34.3	-18.4	0	55.47	-	-	74	-18.53	195	233	V
2	* 5.456	43.05	Pk	34.3	-18.4	0	58.95	-	-	74	-15.05	195	233	V
3	5.47	45.08	Pk	34.3	-18.4	0	60.98	-	-	68.2	-7.22	195	233	V
4	5.47	49.98	Pk	34.3	-18.4	0	65.88	-	-	68.2	-2.32	195	233	V
5	* 5.46	28.1	RMS	34.3	-18.8	.17	43.77	54	-10.23	-	-	195	233	V
6	* 5.46	29.8	RMS	34.3	-18.8	.17	45.47	54	-8.53	-	-	195	233	V

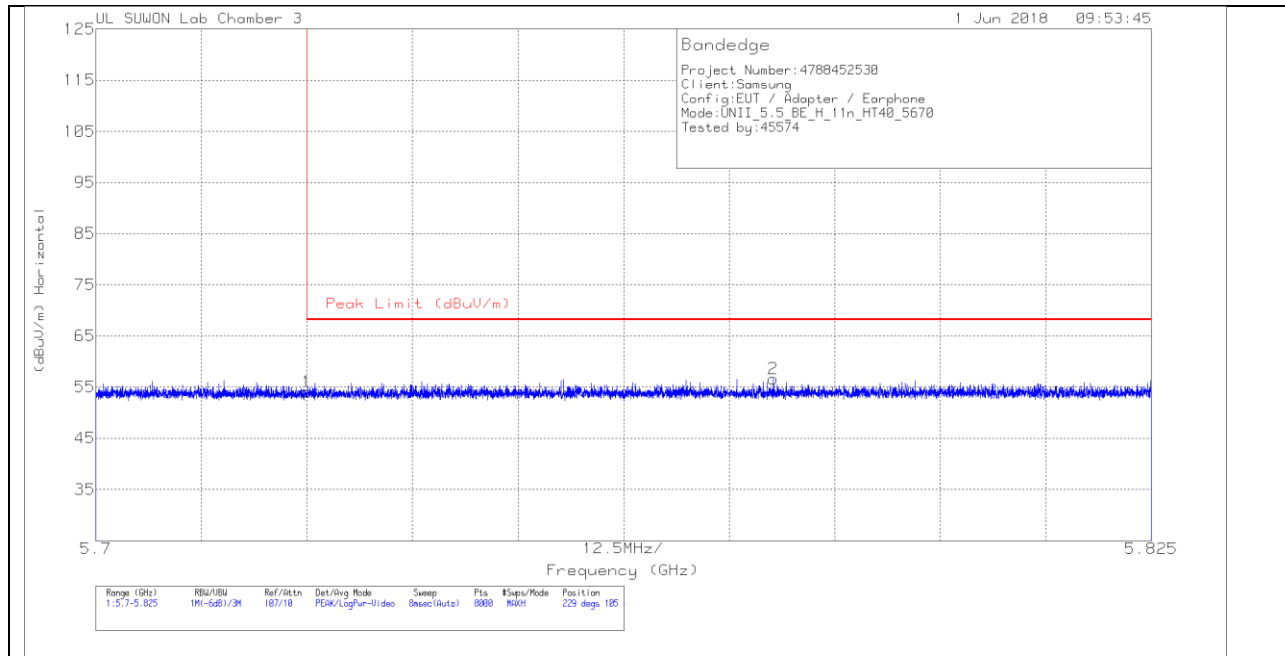
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



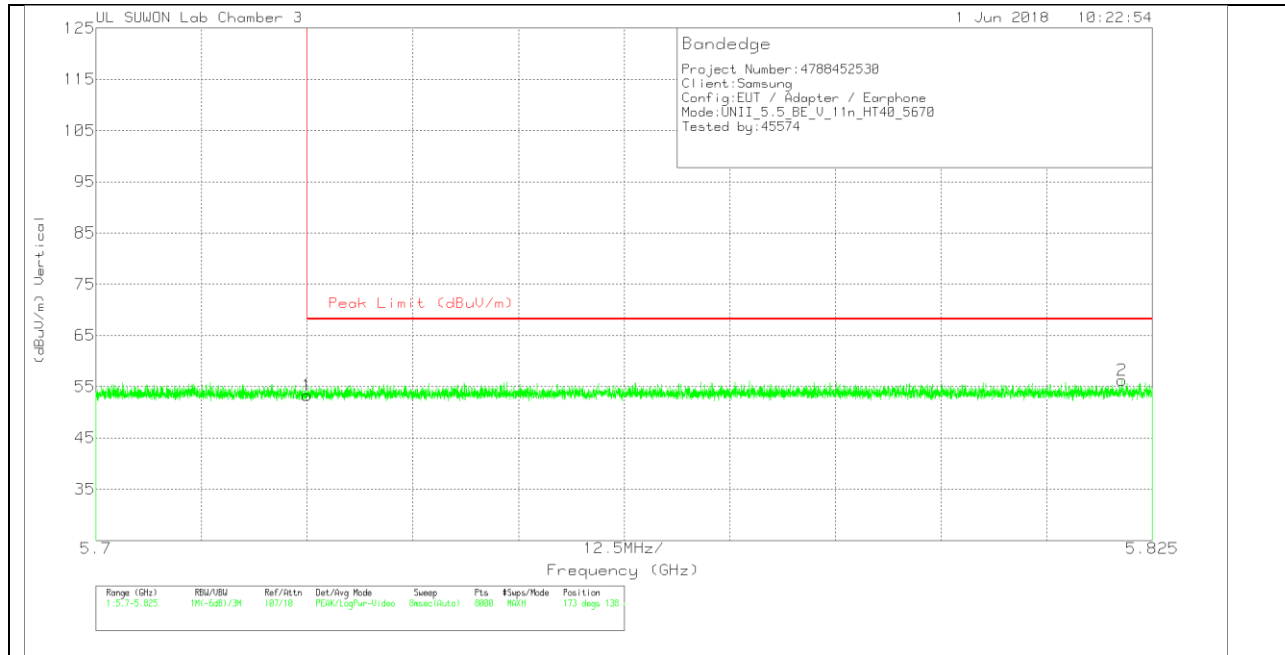
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	37.28	Pk	34.7	-17.9	54.08	68.2	-14.12	229	105	H
2	5.78	39.49	Pk	34.7	-17.6	56.59	68.2	-11.61	229	105	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

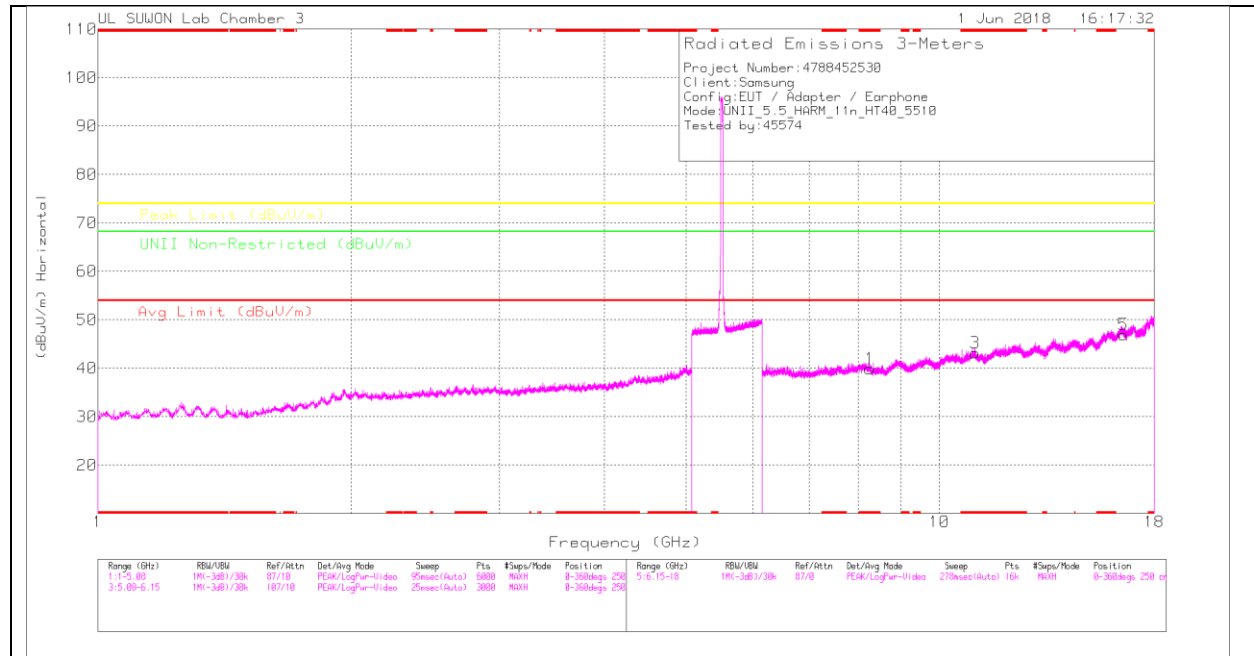
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	3117[00205959]	10dB_ATT[dB]	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	36.47	Pk	34.7	-17.9	53.27	68.2	-14.93	173	138	V
2	5.821	39.06	Pk	34.8	-17.6	56.26	68.2	-11.94	173	138	V

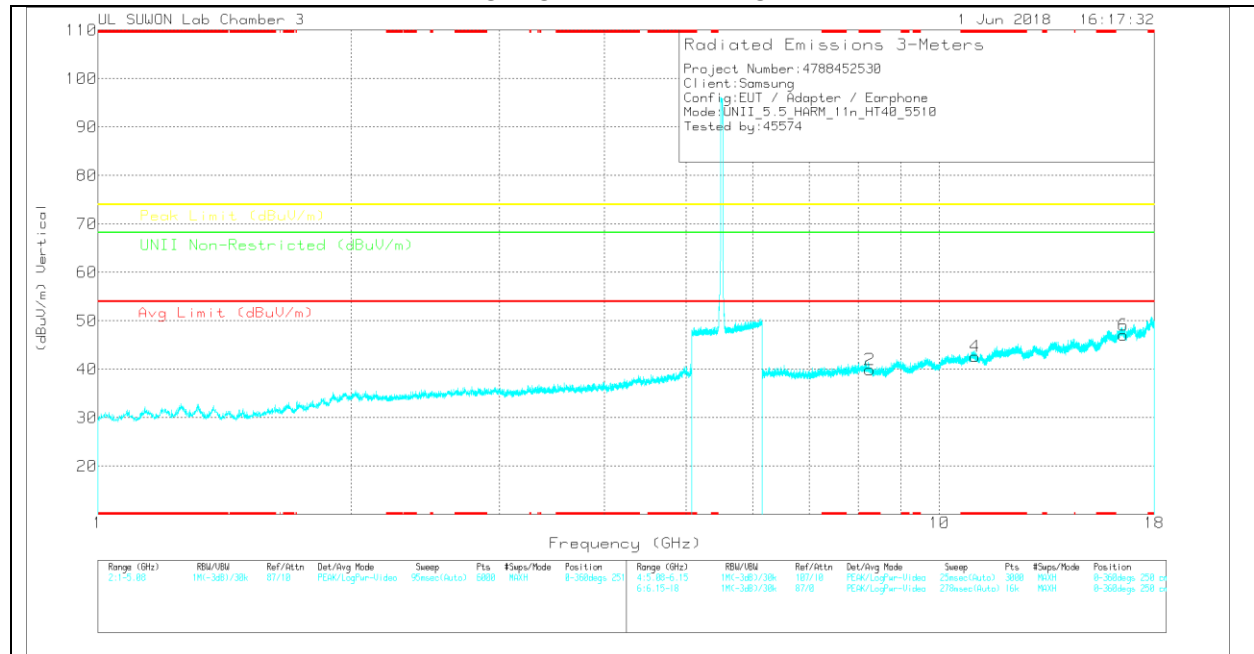
Pk - Peak detector

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(0020959)	6GHz_HF(dB)	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 8.265	26.16	PK	35.8	-22	0	39.96	-	-	74	-34.04	-	-	0-360	250	H
3	* 11.02	25	PK	37.8	-19.6	0	43.2	-	-	74	-30.8	-	-	0-360	250	H
5	16.531	22.81	PK	41.4	-17.3	0	46.91	-	-	-	-	68.2	-21.29	0-360	150	H
2	* 8.265	26.08	PK	35.8	-22	0	39.88	-	-	74	-34.12	-	-	0-360	149	V
4	* 11.021	24.39	PK	37.8	-19.6	0	42.59	-	-	74	-31.41	-	-	0-360	250	V
6	16.531	23	PK	41.4	-17.3	0	47.1	-	-	-	-	68.2	-21.1	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).