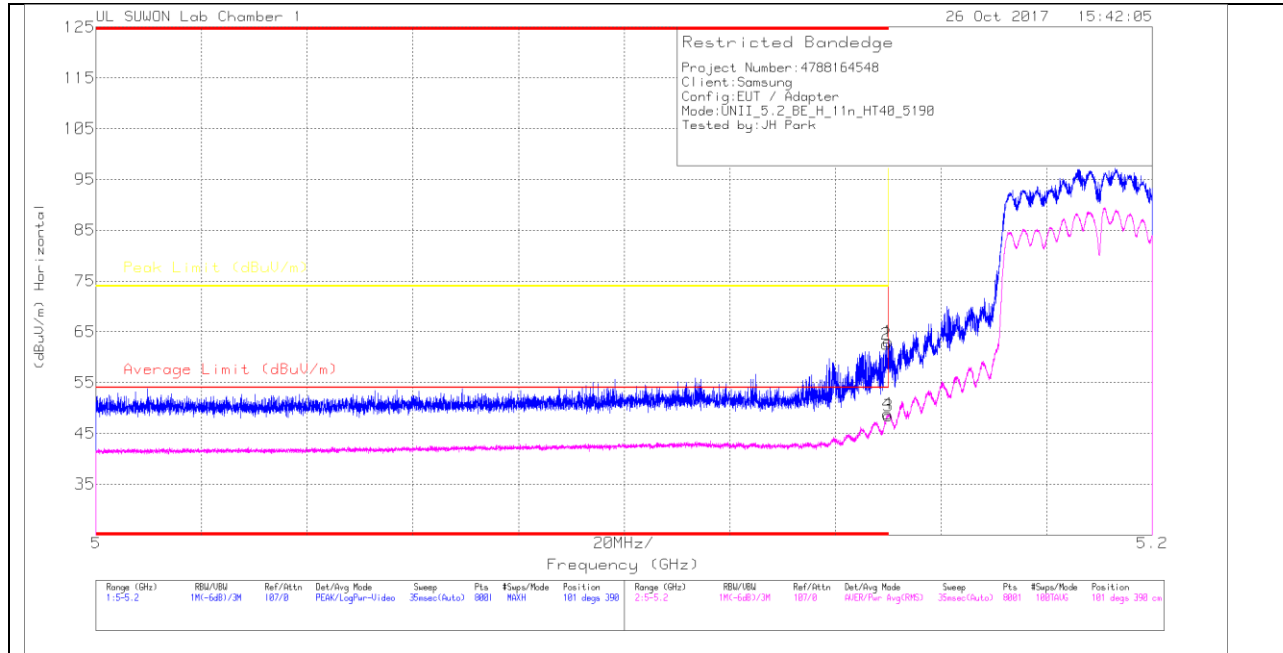


10.1.3.TX Above 1GHz 802.11n HT40 2Tx CDD MODE IN THE 5.2GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

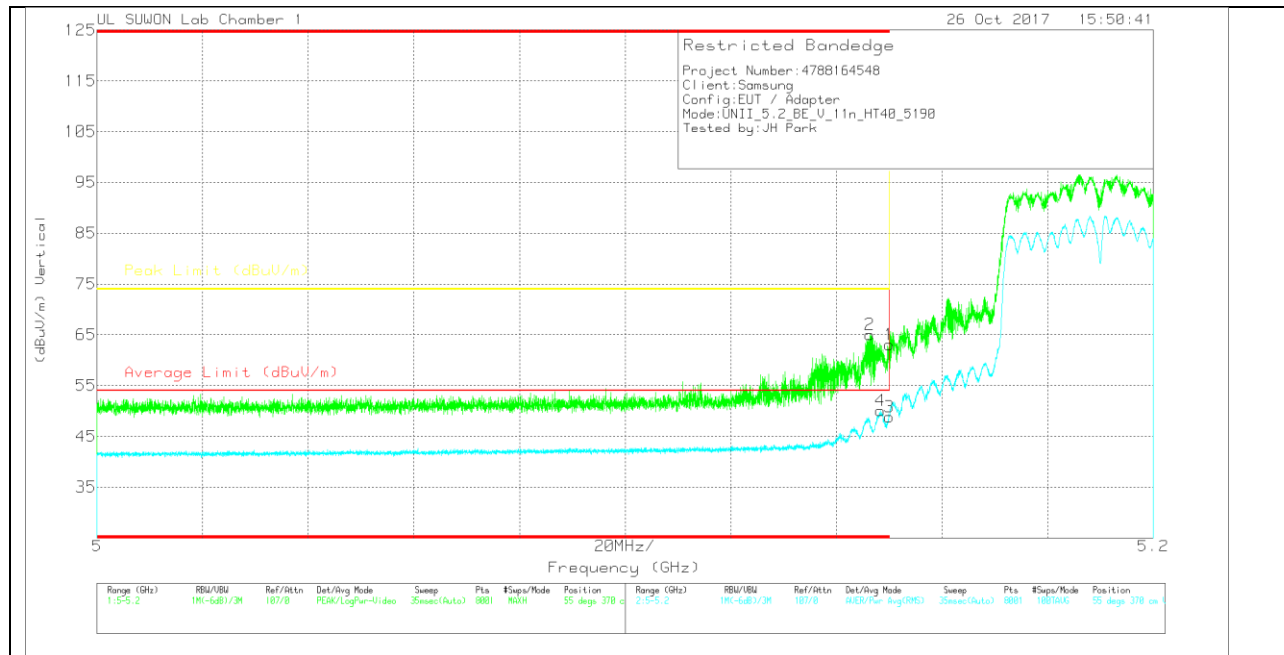
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	51.04	Pk	34	-22	0	63.04	-	-	74	-10.96	101	390	H
2	* 5.15	50.62	Pk	34	-22	0	62.62	-	-	74	-11.38	101	390	H
3	5.15	35.8	RMS	34	-22	.62	48.42	54	-5.58	-	-	101	390	H
4	* 5.15	36.25	RMS	34	-22	.62	48.87	54	-5.13	-	-	101	390	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	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	51.04	Pk	34	-22	0	63.04	-	-	74	-10.96	55	370	V
2	* 5.146	53.04	Pk	34	-22	0	65.04	-	-	74	-8.96	55	370	V
3	5.15	36.27	RMS	34	-22	.62	48.89	54	-5.11	-	-	55	370	V
4	* 5.148	37.48	RMS	34	-22	.62	50.1	54	-3.9	-	-	55	370	V

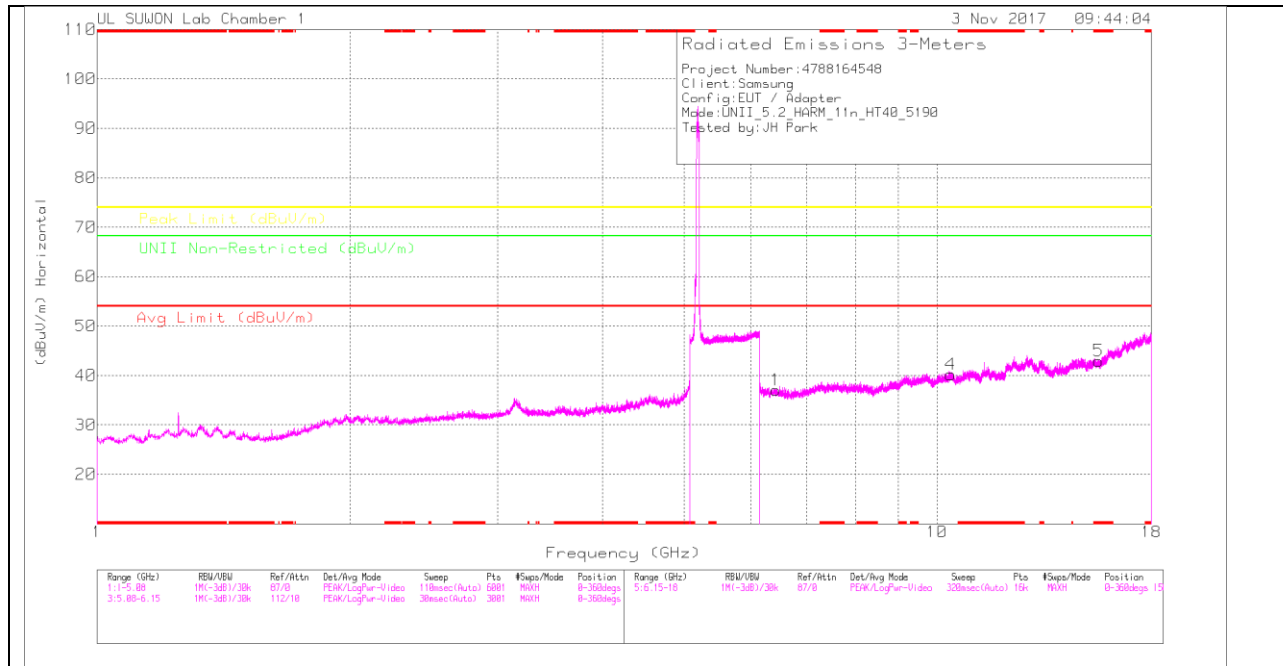
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

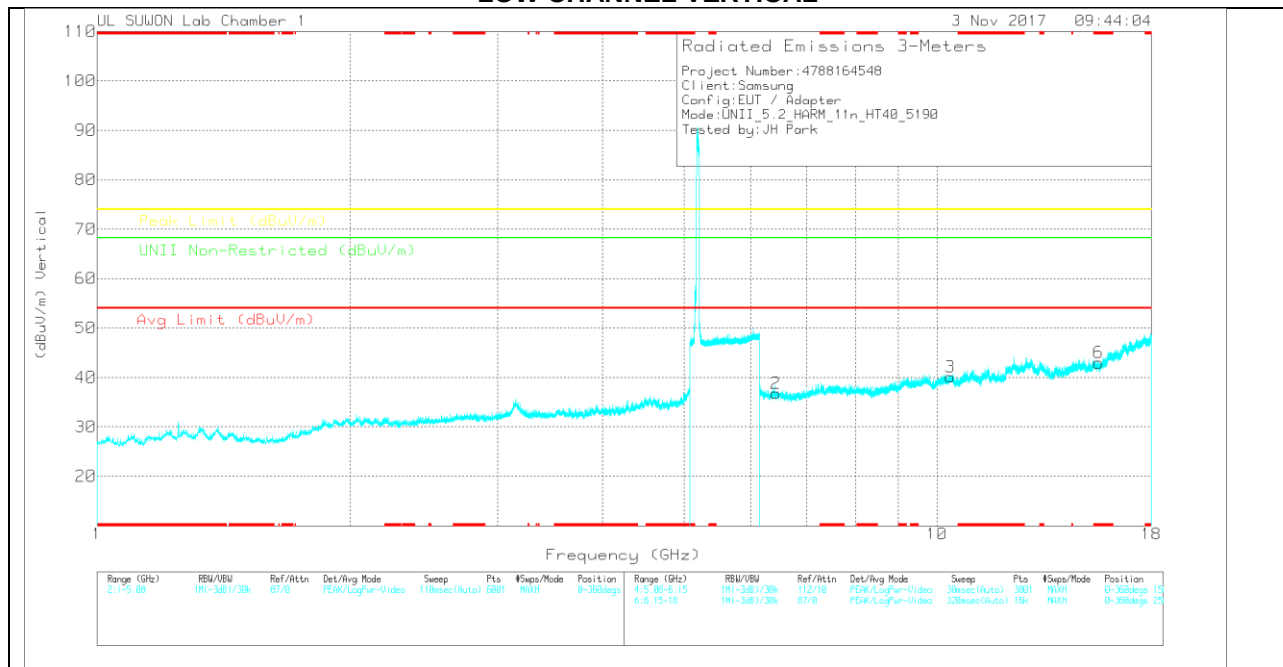
RMS - RMS detection

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

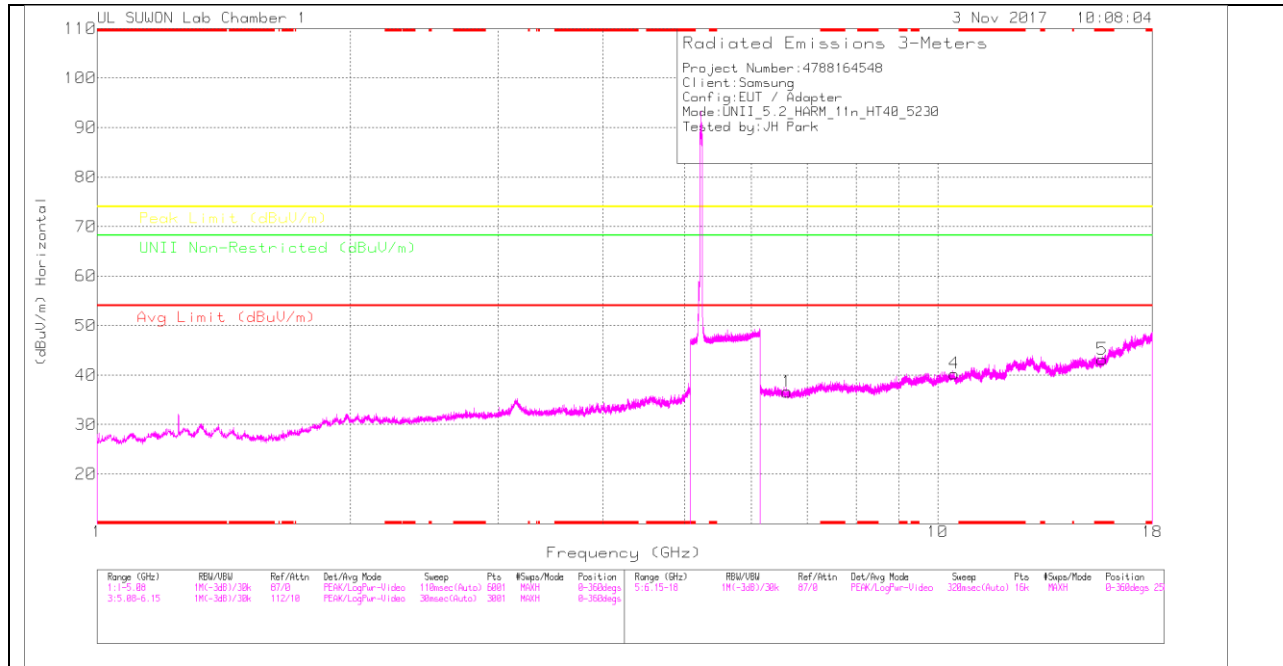
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	60GHz_HF(dB) 17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.431	31.12	PK	35.1	-29.2	0	37.02	-	-	-	-	68.2	-31.18	0-360	250	H
4	10.385	24.88	PK	37.5	-22.2	0	40.18	-	-	-	-	68.2	-28.02	0-360	250	H
5	* 15.575	24.65	PK	39.8	-21.5	0	42.95	-	-	74	-31.05	-	-	0-360	250	H
2	6.429	30.78	PK	35.1	-29.1	0	36.78	-	-	-	-	68.2	-31.42	0-360	250	V
3	10.376	24.99	PK	37.5	-22.4	0	40.09	-	-	-	-	68.2	-28.11	0-360	150	V
6	* 15.571	24.68	PK	39.8	-21.5	0	42.98	-	-	74	-31.02	-	-	0-360	150	V

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

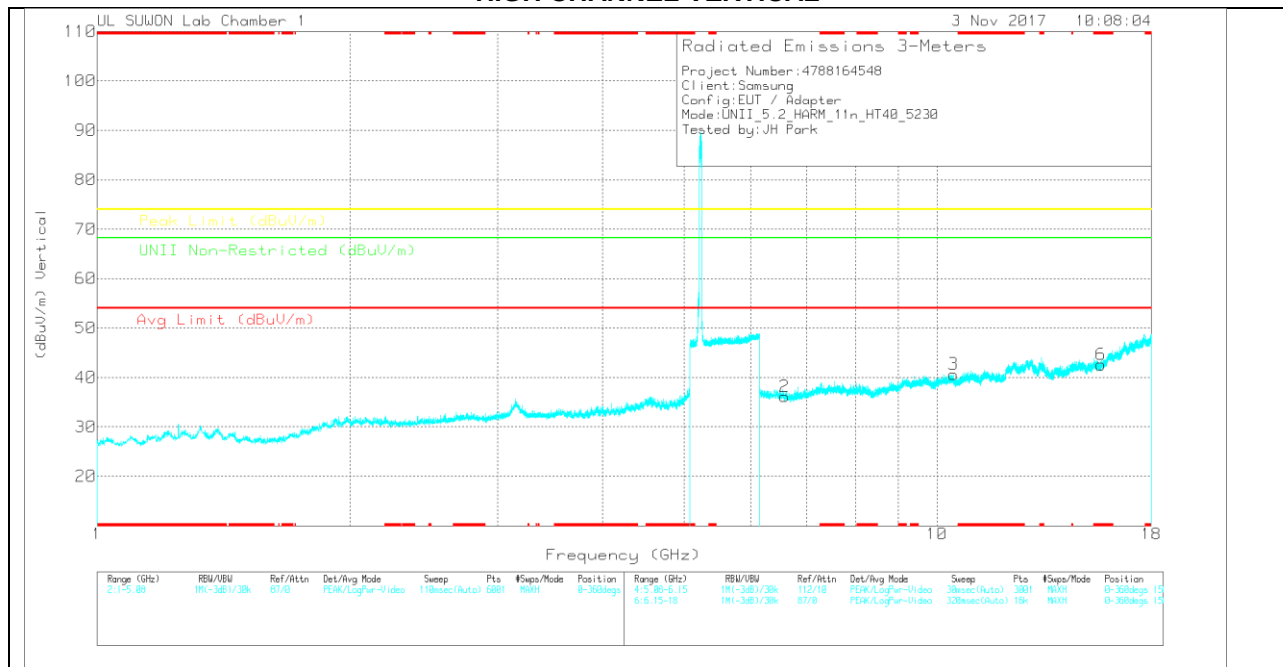
PK – Peak Detector

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

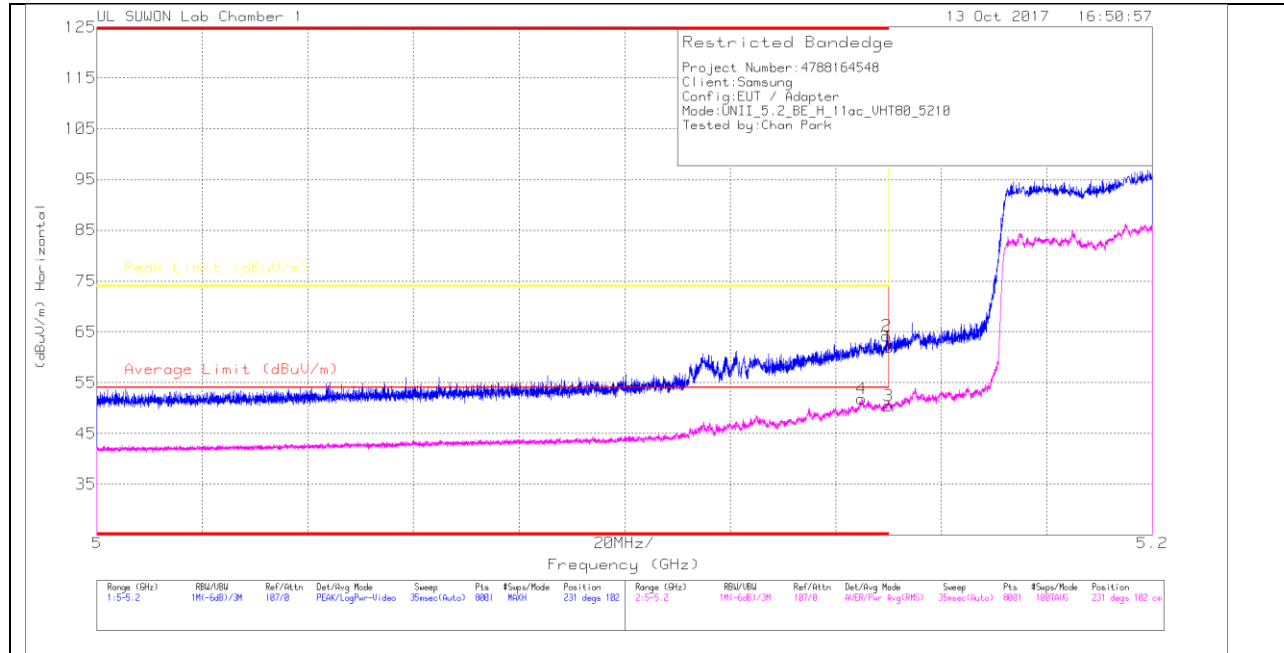
Marker	Frequency (GHz)	Marker Reading (dBuV)	Det	20170531_5117_001 68717	ISMT_HP(dB)_17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unl Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.619	29.92	PK	35.1	-28.4	0	36.62	-	-	-	-	68.2	-31.58	0-360	150	H
4	10.462	24.9	PK	37.5	-22.1	0	40.3	-	-	-	-	68.2	-27.9	0-360	150	H
5	* 15.697	24.78	PK	39.9	-21.5	0	43.18	-	-	74	-30.82	-	-	0-360	150	H
2	6.59	29.53	PK	35.1	-28.5	0	36.13	-	-	-	-	68.2	-32.07	0-360	150	V
3	10.466	25.26	PK	37.5	-22.1	0	40.66	-	-	-	-	68.2	-27.54	0-360	250	V
6	* 15.691	24.21	PK	39.9	-21.5	0	42.61	-	-	74	-31.39	-	-	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).

10.1.4.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

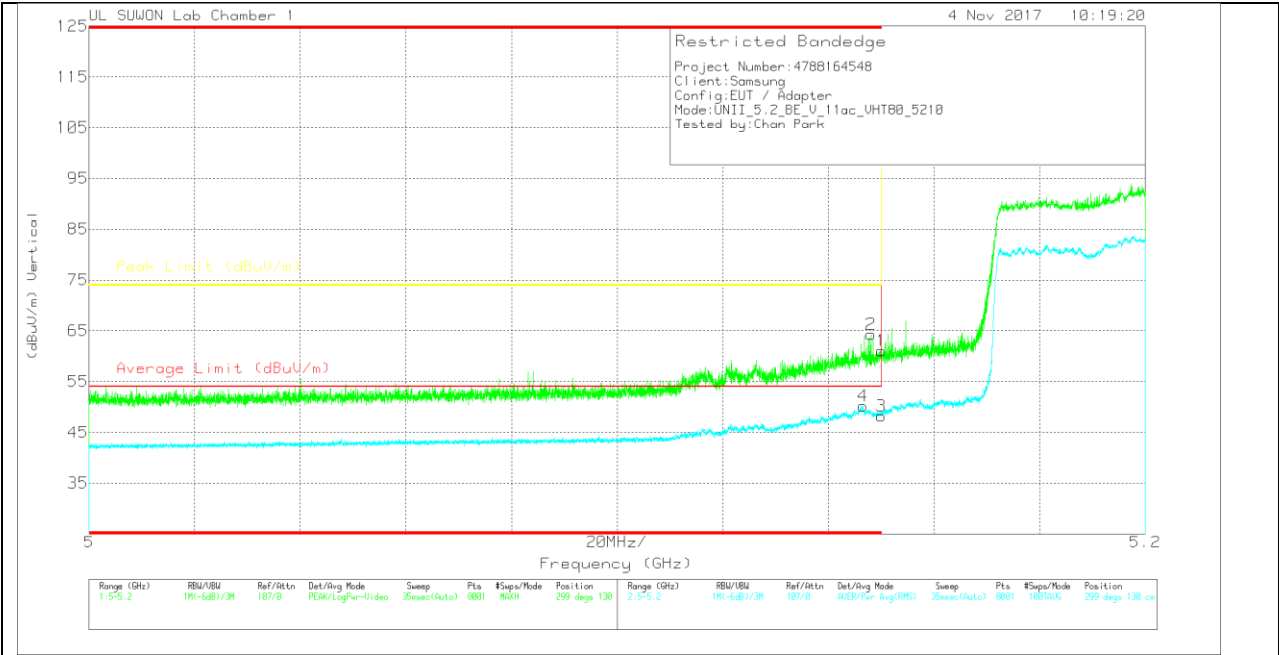
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	5.15	49.95	Pk	34	-22	0	61.95	-	-	74	-12.05	231	102	H
2	* 5.15	52.21	Pk	34	-22	0	64.21	-	-	74	-9.79	231	102	H
3	5.15	37.68	RMS	34	-22	1.16	50.84	54	-3.16	-	-	231	102	H
4	* 5.145	38.95	RMS	34	-22	1.16	52.11	54	-1.89	-	-	231	102	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	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	49.08	Pk	34	-22	0	61.08	-	-	74	-12.92	299	130	V
2	* 5.148	52.29	Pk	34	-22	0	64.29	-	-	74	-9.71	299	130	V
3	5.15	35.1	RMS	34	-22	1.16	48.26	54	-5.74	-	-	299	130	V
4	* 5.147	37.07	RMS	34	-22	1.16	50.23	54	-3.77	-	-	299	130	V

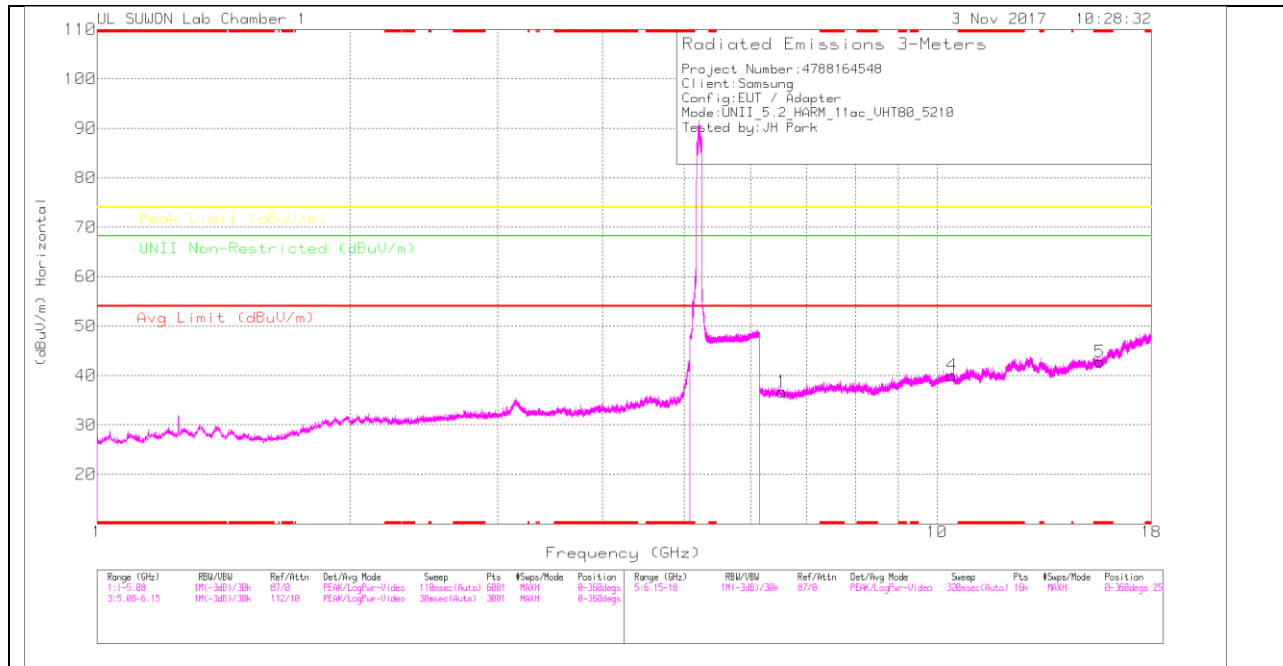
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

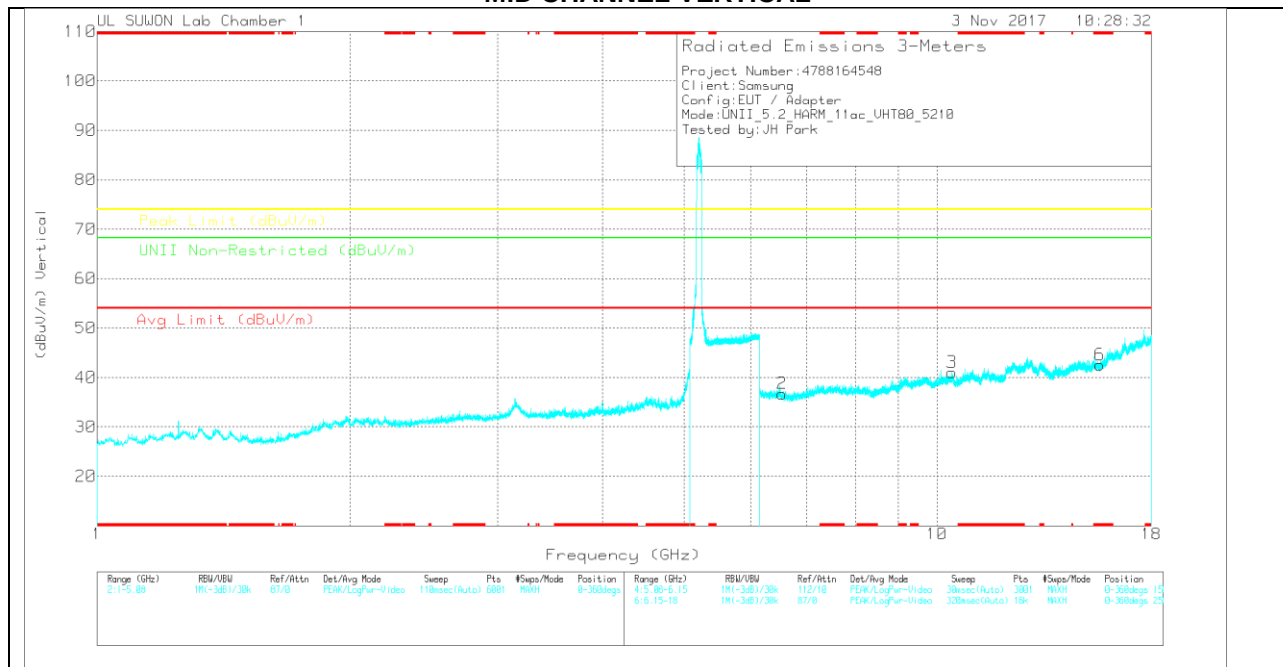
RMS - RMS detection

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	20170531_3117_001 68717	60GHz_HF(dB) 17080 9	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	6.541	30.02	PK	35.1	-28.4	0	36.72	-	-	-	-	68.2	-31.48	0-360	250	H
4	10.42	24.43	PK	37.5	-21.9	0	40.03	-	-	-	-	68.2	-28.17	0-360	250	H
5	* 15.637	24.77	PK	39.8	-21.8	0	42.77	-	-	74	-31.23	-	-	0-360	150	H
2	6.545	30.13	PK	35.1	-28.5	0	36.73	-	-	-	-	68.2	-31.47	0-360	250	V
3	10.419	25.43	PK	37.5	-21.9	0	41.03	-	-	-	-	68.2	-27.17	0-360	150	V
6	* 15.635	24.56	PK	39.8	-21.8	0	42.56	-	-	74	-31.44	-	-	0-360	150	V

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

PK – Peak Detector

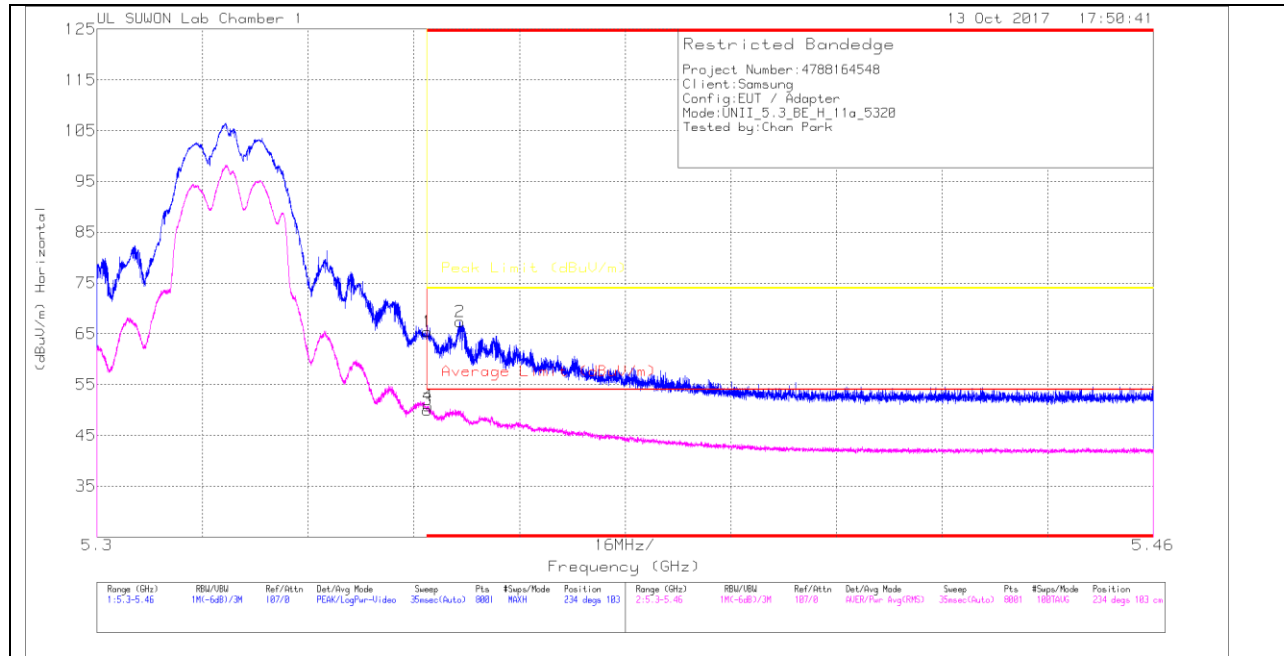
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

10.2. 5.3 GHz

10.2.1. 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

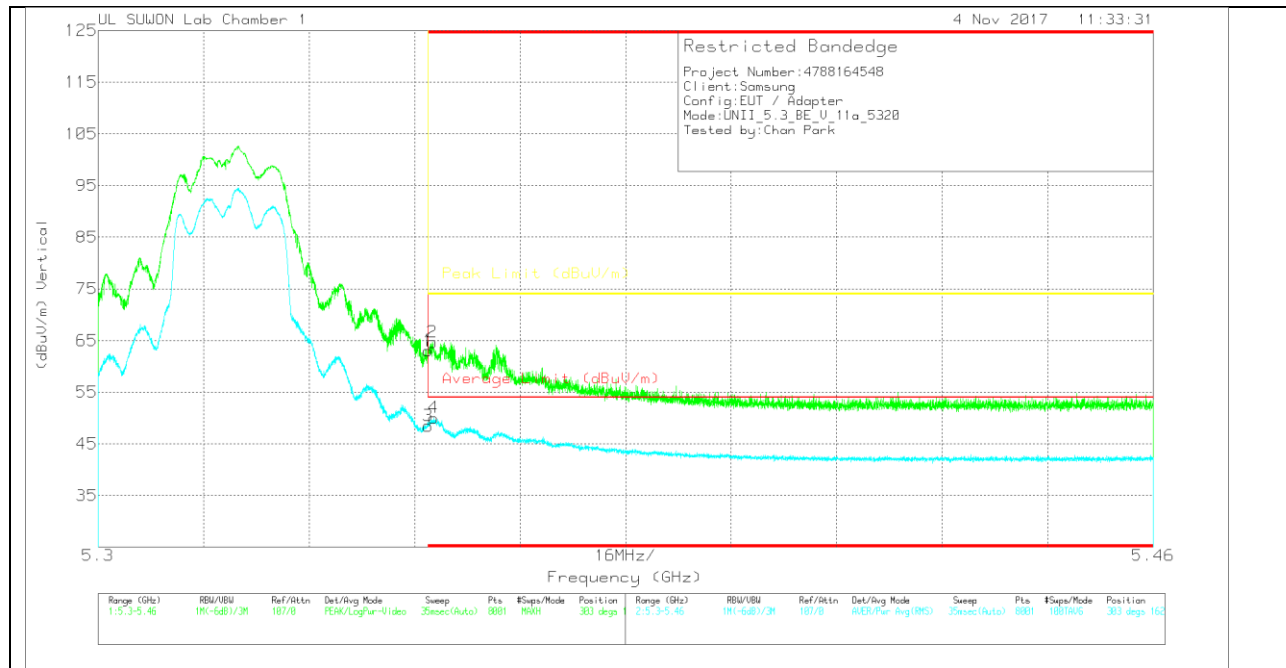
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	52.91	Pk	34.2	-21.7	0	65.41	-	-	74	-8.59	234	103	H
2	* 5.355	54.85	Pk	34.2	-21.7	0	67.35	-	-	74	-6.65	234	103	H
3	* 5.35	37.3	RMS	34.2	-21.7	.3	50.10	54	-3.90	-	-	234	103	H
4	* 5.35	38.12	RMS	34.2	-21.7	.3	50.92	54	-3.08	-	-	234	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	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	50.54	Pk	34.2	-21.7	0	63.04	-	-	74	-10.96	303	162	V
2	* 5.351	52.18	Pk	34.2	-21.7	0	64.68	-	-	74	-9.32	303	162	V
3	* 5.35	35.68	RMS	34.2	-21.7	-3	48.48	54	-5.52	-	-	303	162	V
4	* 5.351	37.25	RMS	34.2	-21.7	-3	50.05	54	-3.95	-	-	303	162	V

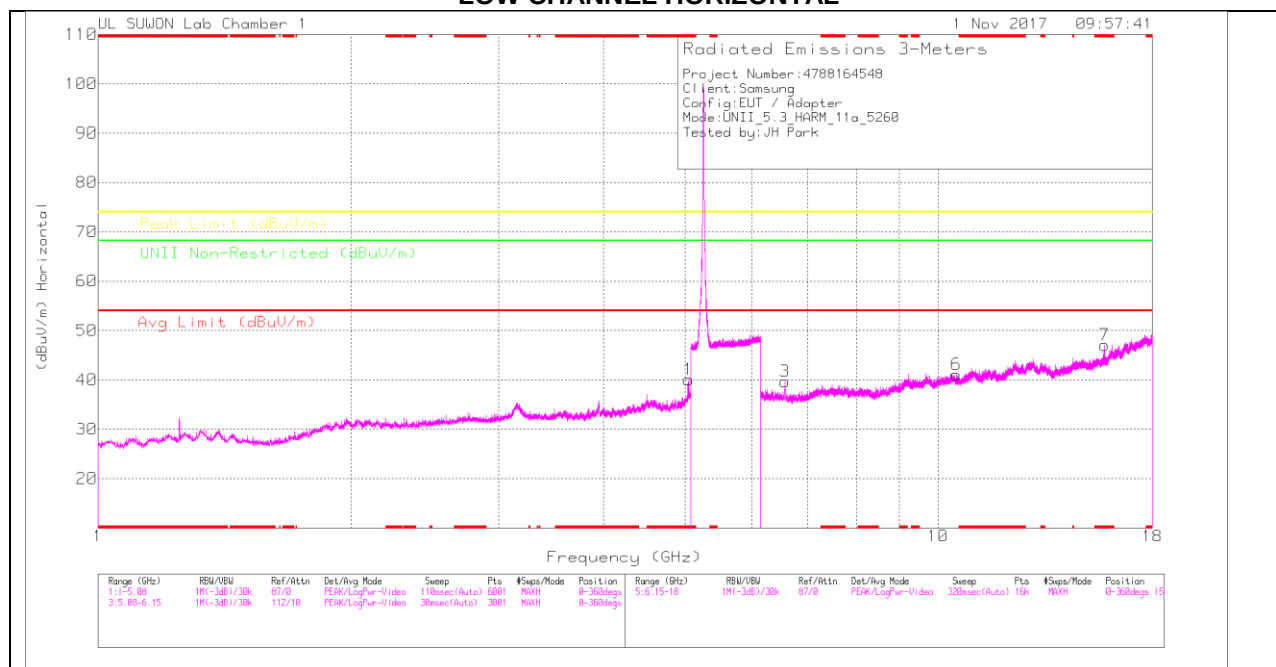
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

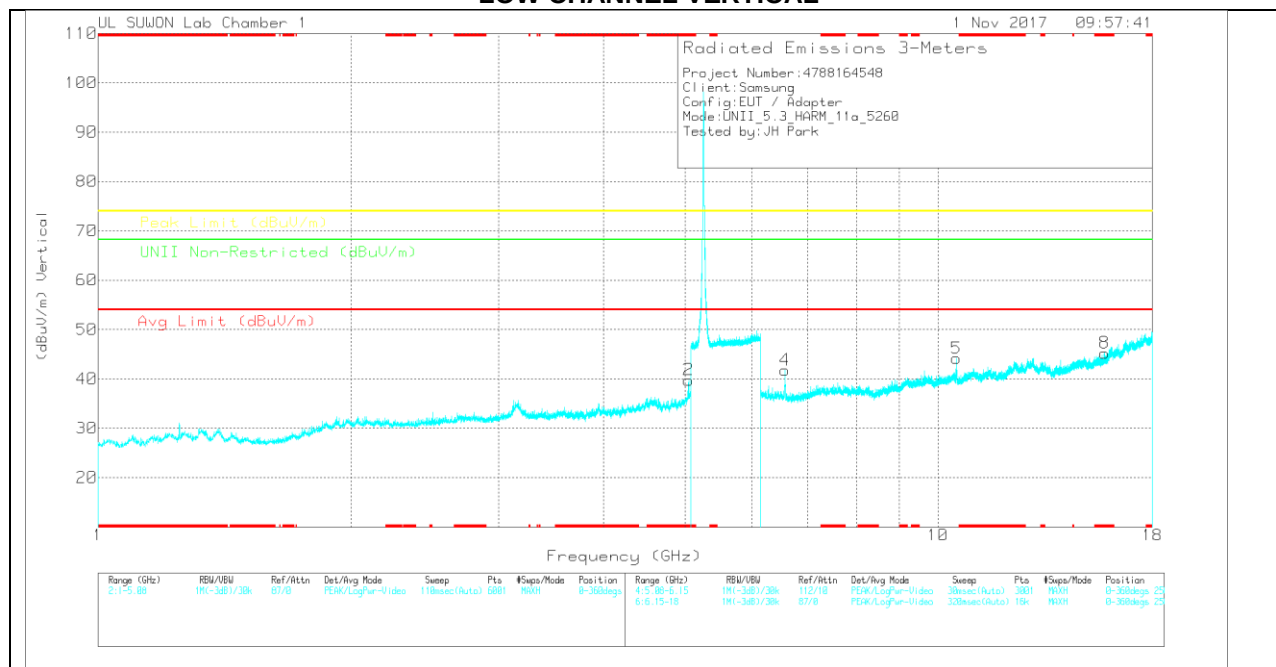
RMS - RMS detection

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	20170531_3117_001 68717	5GHz_LP(dB)_170809	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	* 5.049	35.86	PK	33.9	-29.7	0	40.06	-	-	74	-33.94	-	-	0-360	250	H
2	* 5.049	35.59	PK	33.9	-29.7	0	39.79	-	-	74	-34.21	-	-	0-360	150	V
3	6.576	33.07	PK	35.1	-28.5	0	39.67	-	-	-	-	68.2	-28.53	0-360	250	H
6	10.52	26.57	PK	37.5	-23	0	41.07	-	-	-	-	68.2	-27.13	0-360	250	H
7	* 15.78	28.25	PK	40.1	-21.3	0	47.05	-	-	74	-26.95	-	-	0-360	150	H
4	6.574	35.09	PK	35.1	-28.4	0	41.79	-	-	-	-	68.2	-26.41	0-360	250	V
5	10.522	29.67	PK	37.5	-23	0	44.17	-	-	-	-	68.2	-24.03	0-360	250	V
8	* 15.782	26.45	PK	40.1	-21.3	0	45.25	-	-	74	-28.75	-	-	0-360	250	V

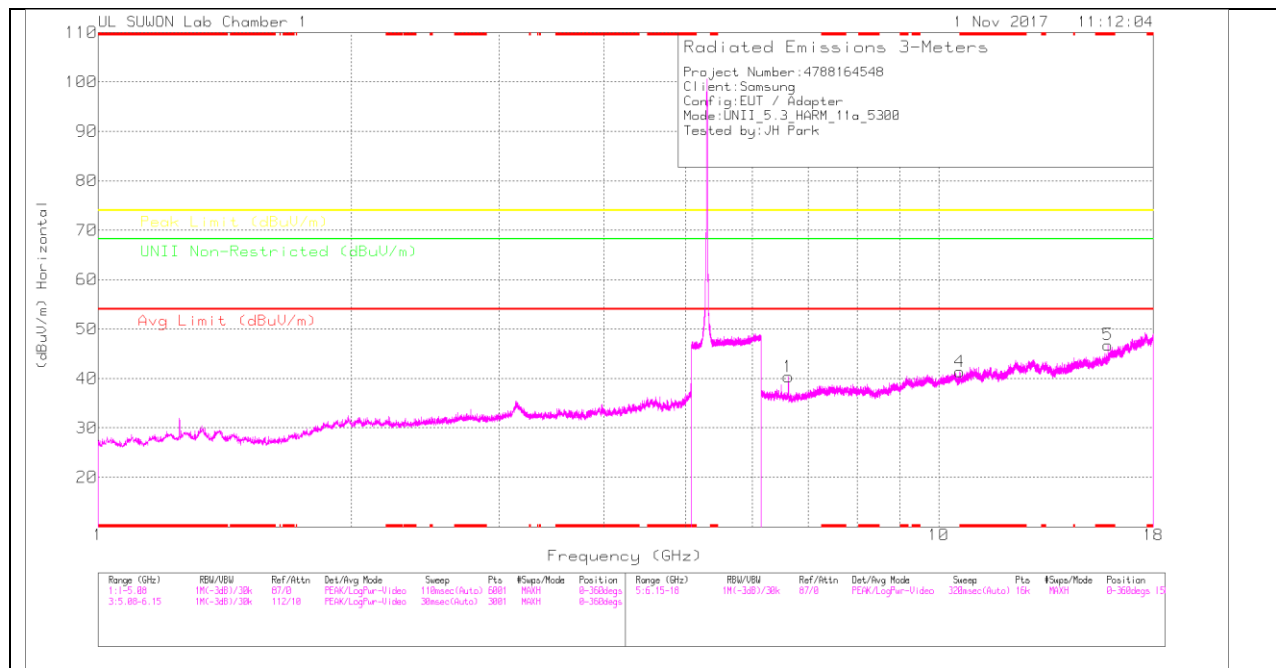
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

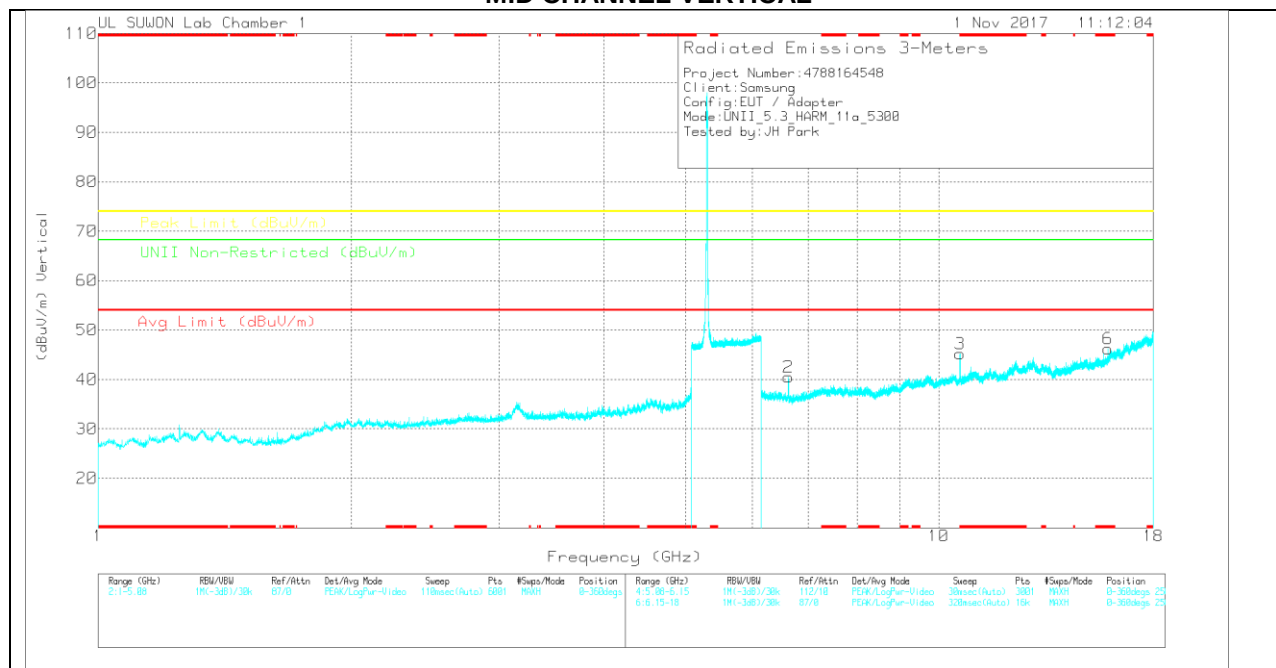
Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	5GHz_LP(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
* 5.048	46.11	PK-U	33.9	-29.7	0	50.31	-	-	74	-23.69	-	-	171	137	H
* 5.048	34.43	ADR	33.9	-29.7	.3	38.93	54	-15.07	-	-	-	-	171	137	H
* 5.049	46.37	PK-U	33.9	-29.7	0	50.57	-	-	74	-23.43	-	-	126	169	V
* 5.048	34.18	ADR	33.9	-29.7	.3	38.68	54	-15.32	-	-	-	-	126	169	V
* 15.779	28.84	ADR	40.1	-21.3	.3	47.94	54	-6.06	-	-	-	-	232	398	V
* 15.779	28.3	ADR	40.1	-21.3	.3	47.4	54	-6.6	-	-	-	-	134	166	H
6.574	44.92	PK-U	35.1	-28.4	0	51.62	-	-	-	-	68.2	-16.58	154	222	V
6.575	44.4	PK-U	35.1	-28.4	0	51.1	-	-	-	-	68.2	-17.1	212	179	H
10.522	37.85	PK-U	37.5	-23	0	52.35	-	-	-	-	68.2	-15.85	200	165	H
10.523	41.01	PK-U	37.5	-23	0	55.51	-	-	-	-	68.2	-12.69	153	264	V
* 15.784	41.8	PK-U	40.1	-21.4	0	60.5	-	-	74	-13.5	-	-	232	398	V
* 15.784	41.56	PK-U	40.1	-21.4	0	60.26	-	-	74	-13.74	-	-	134	166	H

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

MID CHANNEL HORIZONTAL



MID CHANNEL VERTICAL



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

MID CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	60Hz_HP(dB)_17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.625	33.66	PK	35.2	-28.5	0	40.36	-	-	-	-	68.2	-27.84	0-360	250	H
4	10.598	26.57	PK	37.6	-22.8	0	41.37	-	-	-	-	68.2	-26.83	0-360	250	H
5	* 15.898	27.98	PK	40.3	-21.5	0	46.78	-	-	74	-27.22	-	-	0-360	150	H
2	6.625	33.76	PK	35.2	-28.5	0	40.46	-	-	-	-	68.2	-27.74	0-360	150	V
3	* 10.602	30.27	PK	37.6	-22.7	0	45.17	-	-	74	-28.83	-	-	0-360	150	V
6	* 15.897	27.41	PK	40.3	-21.5	0	46.21	-	-	74	-27.79	-	-	0-360	150	V

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

PK – Peak Detector

Radiated Emissions

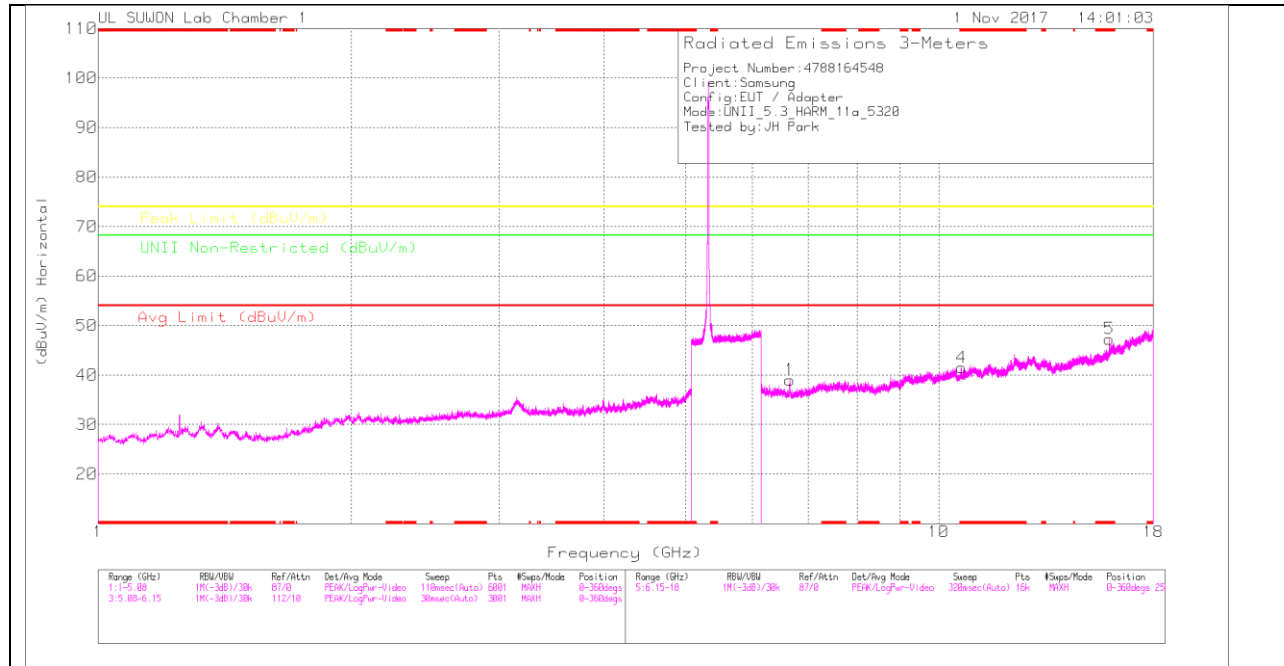
Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	60Hz_HP(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
6.624	42.47	PK-U	35.1	-28.5	0	49.07	-	-	-	-	68.2	-19.13	360	119	H
6.626	44.13	PK-U	35.2	-28.5	0	50.83	-	-	-	-	68.2	-17.37	154	232	V
* 10.602	40.42	PK-U	37.6	-22.7	0	55.32	-	-	74	-18.68	-	-	155	140	V
* 10.602	28.59	ADR	37.6	-22.7	.3	43.79	54	-10.21	-	-	-	-	155	140	V
* 10.606	38.34	PK-U	37.6	-22.7	0	53.24	-	-	74	-20.76	-	-	203	153	H
* 10.601	26.49	ADR	37.6	-22.8	.3	41.59	54	-12.41	-	-	-	-	203	153	H
* 15.902	42.3	PK-U	40.3	-21.5	0	61.1	-	-	74	-12.9	-	-	126	180	H
* 15.903	29.44	ADR	40.3	-21.5	.3	48.54	54	-5.46	-	-	-	-	126	180	H
* 15.902	41.71	PK-U	40.3	-21.5	0	60.51	-	-	74	-13.49	-	-	231	326	V
* 15.897	28.44	ADR	40.3	-21.5	.3	47.54	54	-6.46	-	-	-	-	231	326	V

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

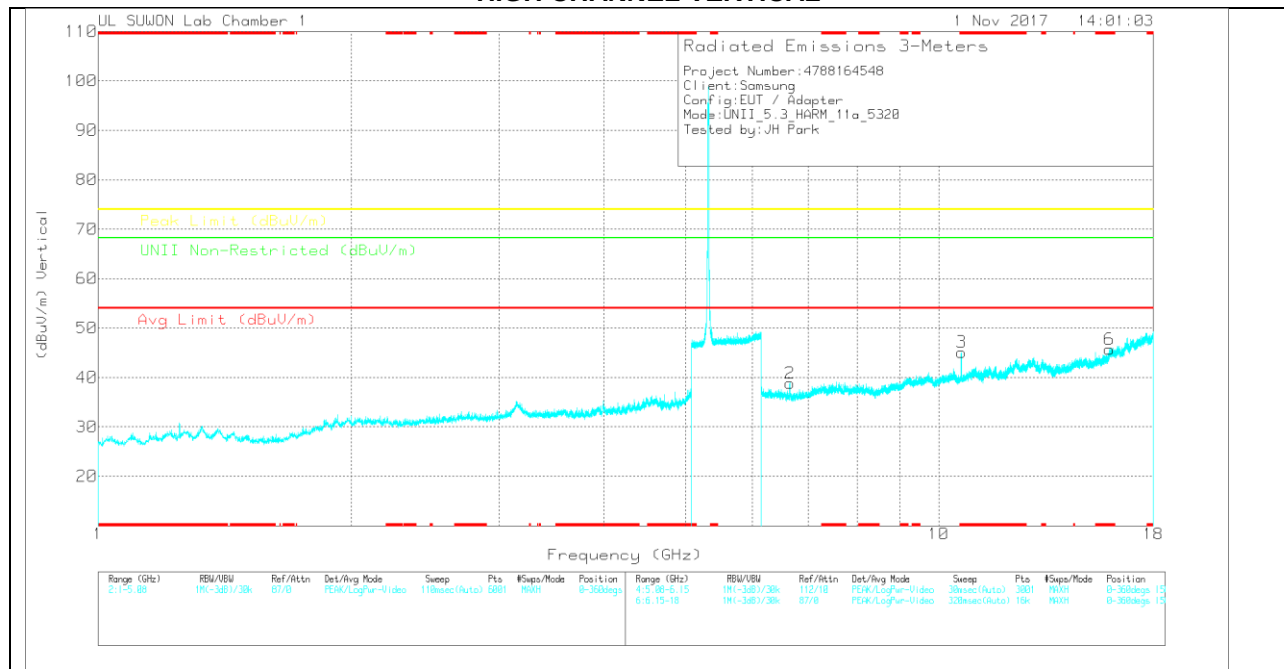
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	6GHz_HP(dB)_17080 9	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	6.65	32.39	PK	35.2	-28.6	0	38.99	-	-	-	-	68.2	-29.21	0-360	250	H
4	* 10.64	26.3	PK	37.7	-22.5	0	41.5	-	-	74	-32.5	-	-	0-360	150	H
5	* 15.96	27.9	PK	40.4	-21	0	47.3	-	-	74	-26.7	-	-	0-360	250	H
2	6.651	32.34	PK	35.2	-28.7	0	38.84	-	-	-	-	68.2	-29.36	0-360	250	V
3	* 10.642	30.01	PK	37.7	-22.6	0	45.11	-	-	74	-28.89	-	-	0-360	250	V
6	* 15.965	26.18	PK	40.4	-20.9	0	45.68	-	-	74	-28.32	-	-	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	20170531_3117_00168 717	6GHz_HP(dB)_170809	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
6.648	41.81	PK-U	35.2	-28.6	0	48.41	-	-	-	-	68.2	-19.79	316	105	H
6.648	43.51	PK-U	35.2	-28.6	0	50.11	-	-	-	-	68.2	-18.09	151	251	V
* 10.639	42.23	PK-U	37.7	-22.6	0	57.33	-	-	74	-16.67	-	-	145	151	V
* 10.641	29.94	ADR	37.7	-22.5	.3	45.44	54	-8.56	-	-	-	-	145	151	V
* 10.639	39.14	PK-U	37.7	-22.6	0	54.24	-	-	74	-19.76	-	-	146	142	H
* 10.638	26.22	ADR	37.7	-22.5	.3	41.72	54	-12.28	-	-	-	-	146	142	H
* 15.964	41.78	PK-U	40.4	-20.9	0	61.28	-	-	74	-12.72	-	-	121	169	H
* 15.959	27.72	ADR	40.4	-21	.3	47.42	54	-6.58	-	-	-	-	121	169	H
* 15.96	39.37	PK-U	40.4	-21	0	58.77	-	-	74	-15.23	-	-	135	180	V
* 15.96	26.63	ADR	40.4	-21	.3	46.33	54	-7.67	-	-	-	-	135	180	V

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

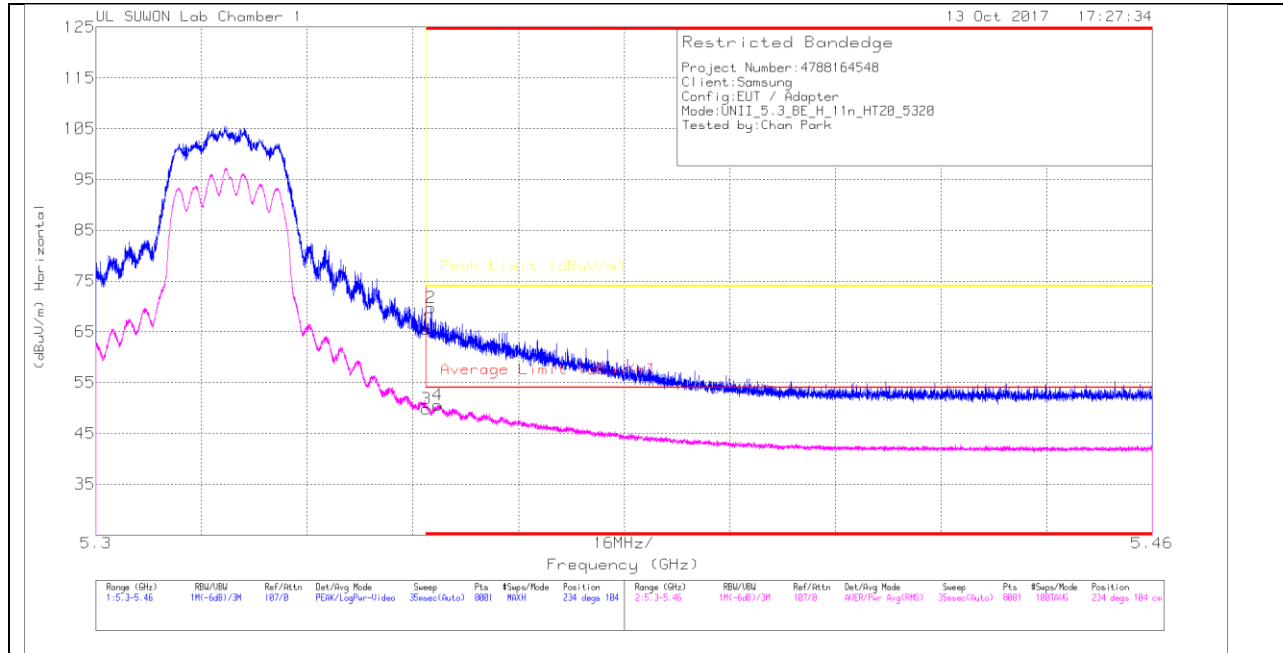
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.2.2.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

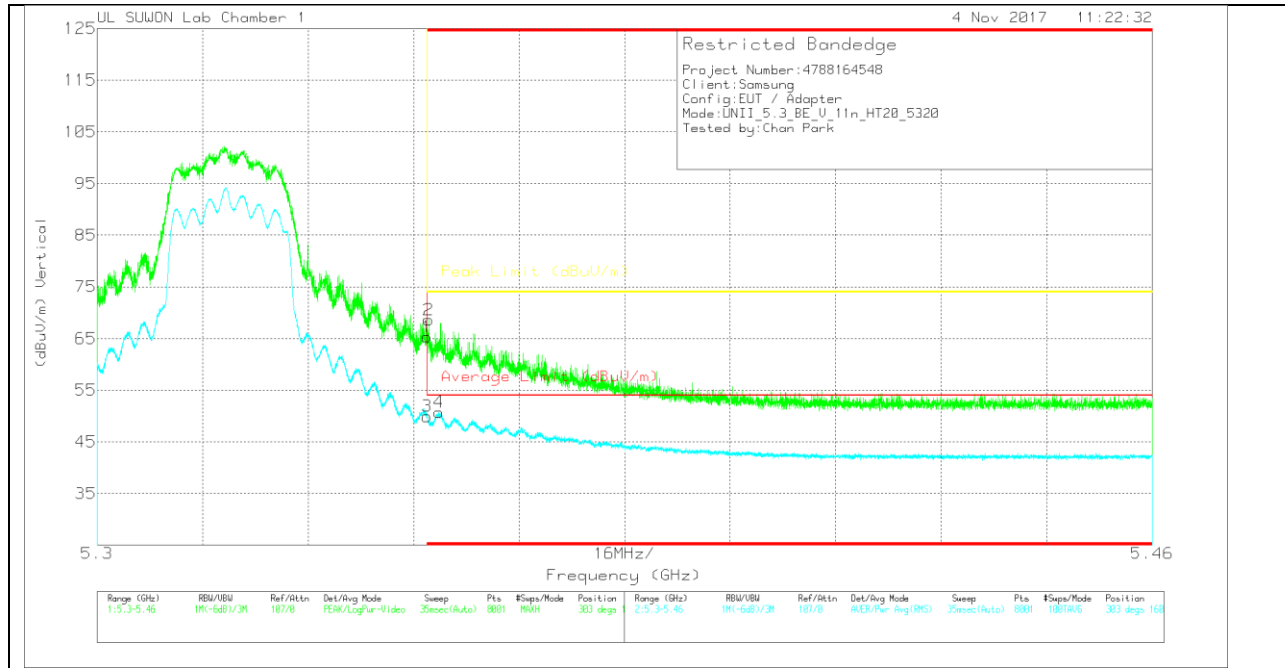
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	53.02	Pk	34.2	-21.7	0	65.52	-	-	74	-8.48	234	104	H
2	* 5.351	57.27	Pk	34.2	-21.7	0	69.77	-	-	74	-4.23	234	104	H
3	* 5.35	37.07	RMS	34.2	-21.7	.32	49.89	54	-4.11	-	-	234	104	H
4	* 5.352	37.89	RMS	34.2	-21.7	.32	50.71	54	-3.29	-	-	234	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	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	52.8	Pk	34.2	-21.7	0	65.3	-	-	74	-8.7	303	160	V
2	* 5.35	56.12	Pk	34.2	-21.7	0	68.62	-	-	74	-5.38	303	160	V
3	* 5.35	37.12	RMS	34.2	-21.7	.32	49.94	54	-4.06	-	-	303	160	V
4	* 5.352	37.94	RMS	34.2	-21.7	.32	50.76	54	-3.24	-	-	303	160	V

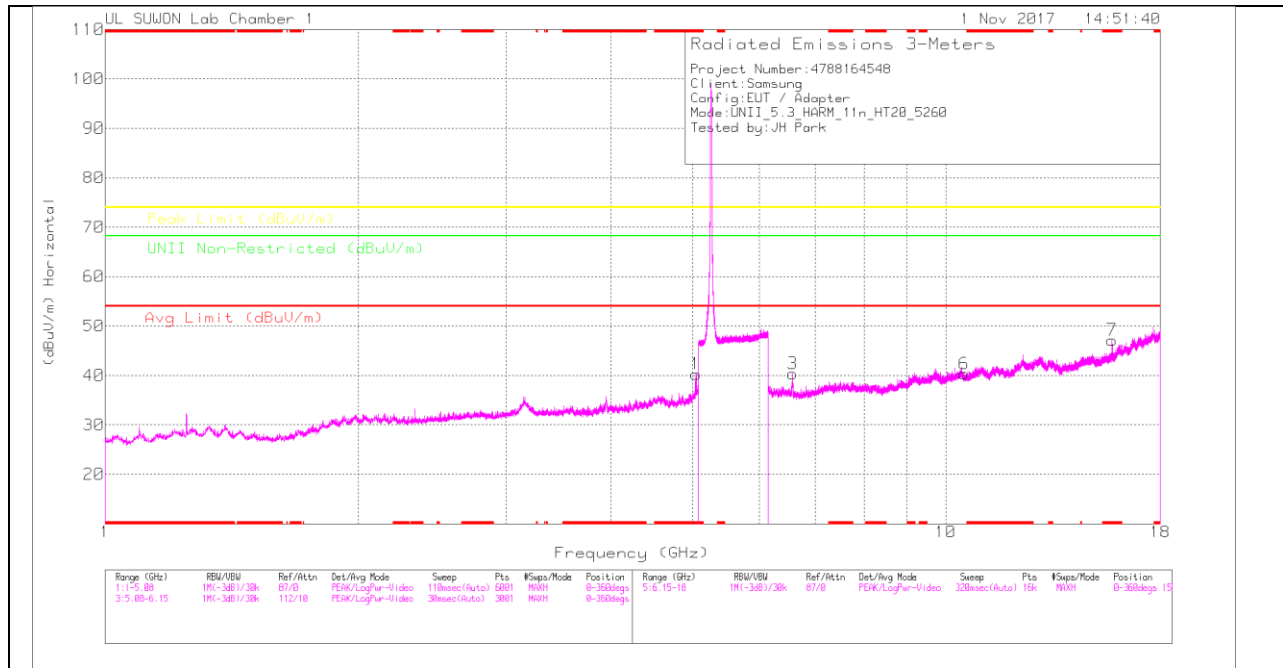
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

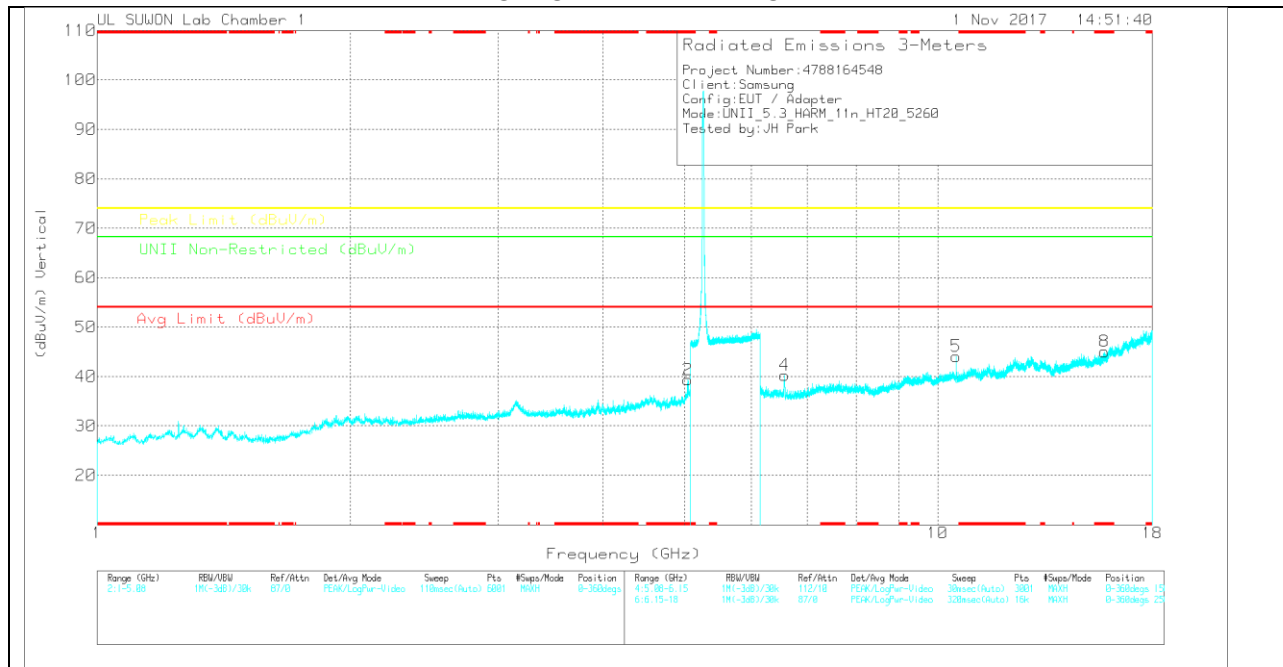
RMS - RMS detection

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	20170531_3117_001 68737	5GHz_LP(BB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UML Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.048	36.1	PK	33.9	-29.7	0	40.3	-	-	74	-33.7	-	-	0-360	150	H
2	* 5.047	35.15	PK	33.9	-29.7	0	39.35	-	-	74	-34.65	-	-	0-360	250	V
3	6.572	33.68	PK	35.1	-28.4	0	40.38	-	-	-	-	68.2	-27.82	0-360	250	H
6	10.523	25.86	PK	37.5	-23	0	40.36	-	-	-	-	68.2	-27.84	0-360	150	H
7	* 15.775	28.35	PK	40.1	-21.3	0	47.15	-	-	74	-26.85	-	-	0-360	150	H
4	6.576	33.66	PK	35.1	-28.5	0	40.26	-	-	-	-	68.2	-27.94	0-360	150	V
5	10.519	29.47	PK	37.5	-22.9	0	44.07	-	-	-	-	68.2	-24.13	0-360	150	V
8	* 15.783	26.31	PK	40.1	-21.4	0	45.01	-	-	74	-28.99	-	-	0-360	150	V

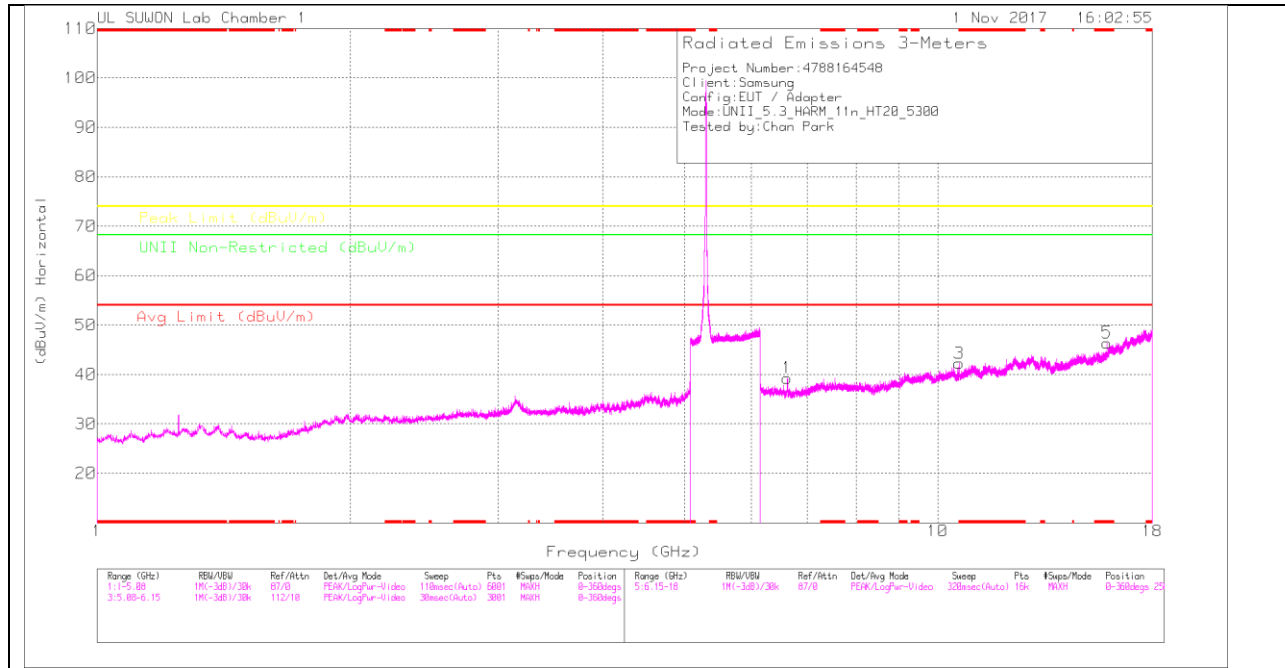
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak Detector

Radiated Emissions

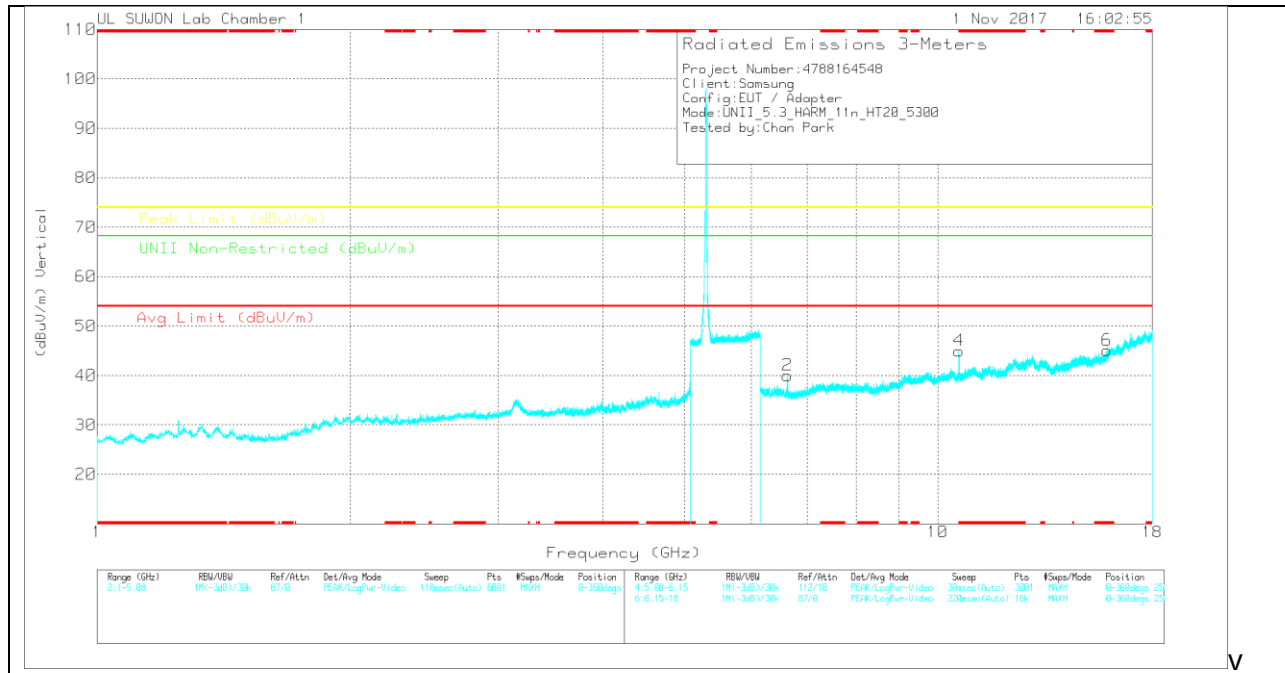
Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00148 717	5GHz_LP(BB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UML Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 5.049	47.18	PK-U	33.9	-29.7	0	51.38	-	-	74	-22.62	-	-	222	176	H
* 5.049	35.96	ADR	33.9	-29.7	.32	40.48	54	-13.52	-	-	-	-	222	176	H
* 5.049	45.52	PK-U	33.9	-29.7	0	49.72	-	-	74	-24.28	-	-	185	157	V
* 5.049	34.03	ADR	33.9	-29.7	.32	38.55	54	-15.45	-	-	-	-	185	157	V
* 15.781	28.25	ADR	40.1	-21.4	.32	47.27	54	-6.73	-	-	-	-	127	182	H
* 15.779	27.37	ADR	40.1	-21.3	.32	46.49	54	-7.51	-	-	-	-	237	395	V
6.577	43.78	PK-U	35.1	-28.4	0	50.48	-	-	-	-	68.2	-17.72	160	151	V
6.575	43.92	PK-U	35.1	-28.4	0	50.62	-	-	-	-	68.2	-17.58	132	141	H
10.519	37.1	PK-U	37.5	-22.9	0	51.7	-	-	-	-	68.2	-16.5	82	314	H
10.516	37.33	PK-U	37.5	-22.9	0	51.93	-	-	-	-	68.2	-16.27	203	170	H
* 15.779	42	PK-U	40.1	-21.3	0	60.8	-	-	74	-13.2	-	-	127	182	H
* 15.778	40.49	PK-U	40.1	-21.3	0	59.29	-	-	74	-14.71	-	-	237	395	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	20170531_3117_001 68717	6GHz_HP(dB)_17080 9	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	6.622	32.67	PK	35.1	-28.5	0	39.27	-	-	-	-	68.2	-28.93	0-360	250	H
3	* 10.602	27.37	PK	37.6	-22.7	0	42.27	-	-	74	-31.73	-	-	0-360	250	H
5	* 15.895	27.69	PK	40.3	-21.6	0	46.39	-	-	74	-27.61	-	-	0-360	150	H
2	6.625	33.34	PK	35.2	-28.5	0	40.04	-	-	-	-	68.2	-28.16	0-360	150	V
4	10.599	30.2	PK	37.6	-22.8	0	45	-	-	-	-	68.2	-23.2	0-360	150	V
6	* 15.902	26.29	PK	40.3	-21.5	0	45.09	-	-	74	-28.91	-	-	0-360	250	V

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

PK – Peak detector

Radiated Emissions

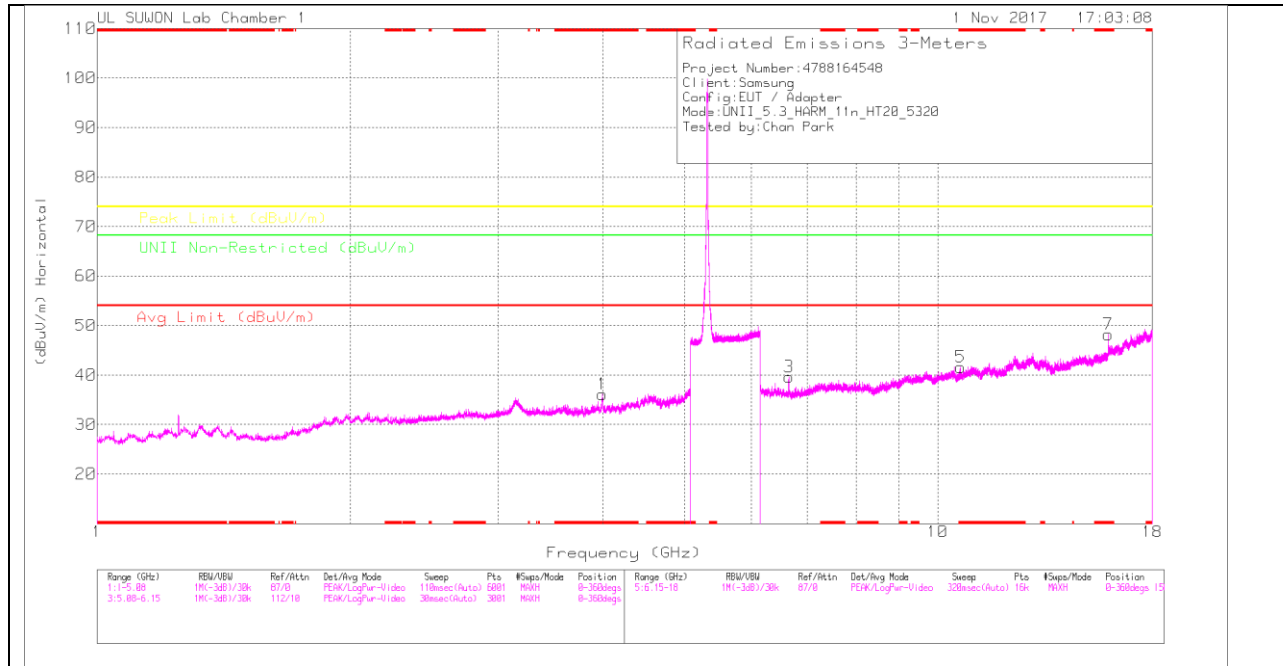
Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	6GHz_HP(dB)_17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Asimuth (Degs)	Height (cm)	Polarity
6.625	43.41	PK-U	35.1	-28.5	0	50.01	-	-	-	-	68.2	-18.19	138	162	H
* 10.604	37.86	PK-U	37.6	-22.7	0	52.76	-	-	74	-21.24	-	-	145	112	H
* 10.602	25.72	ADR	37.6	-22.7	.32	40.94	54	-13.06	-	-	-	-	145	112	H
* 15.898	39.28	PK-U	40.3	-21.5	0	58.08	-	-	74	-15.92	-	-	105	280	H
* 15.897	26.21	ADR	40.3	-21.5	.32	45.33	54	-8.67	-	-	-	-	105	280	H
6.624	44.11	PK-U	35.1	-28.5	0	50.71	-	-	-	-	68.2	-17.49	186	232	V
* 10.601	42.31	PK-U	37.6	-22.8	0	57.11	-	-	74	-16.89	-	-	148	153	V
* 10.601	29.65	ADR	37.6	-22.8	.32	44.77	54	-9.23	-	-	-	-	148	153	V
* 15.895	39.89	PK-U	40.3	-21.5	0	58.69	-	-	74	-15.31	-	-	138	330	V
* 15.897	26.98	ADR	40.3	-21.5	.32	46.1	54	-7.9	-	-	-	-	138	330	V

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

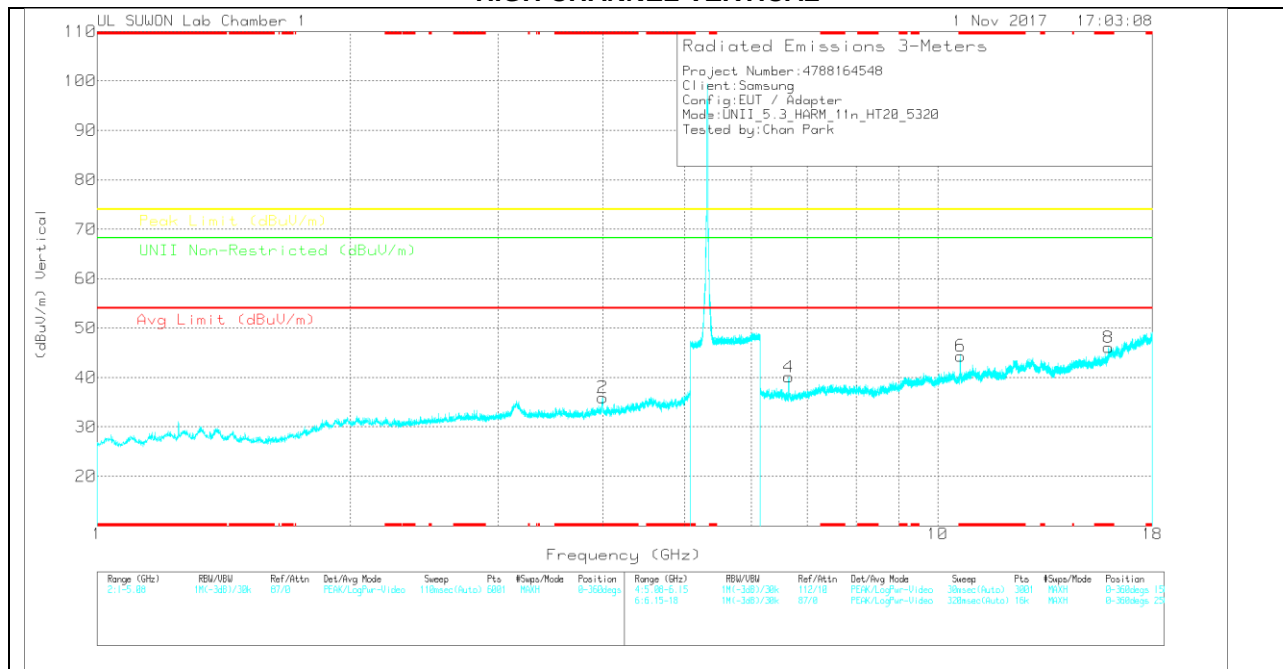
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

HIGH CHANNEL HORIZONTAL



HIGH CHANNEL VERTICAL



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

HIGH CHANNEL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	5GHz_LP(BB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 3.989	34.71	PK	33.1	-31.7	0	36.11	-	-	74	-37.89	-	-	0-360	150	H
2	* 3.994	34.55	PK	33.1	-31.7	0	35.95	-	-	74	-38.05	-	-	0-360	250	V
3	6.651	33.12	PK	35.2	-28.7	0	39.62	-	-	-	-	68.2	-28.58	0-360	250	H
5	* 10.645	26.38	PK	37.7	-22.5	0	41.58	-	-	74	-32.42	-	-	0-360	150	H
7	* 15.96	28.8	PK	40.4	-21	0	48.2	-	-	74	-25.8	-	-	0-360	150	H
4	6.649	33.49	PK	35.2	-28.6	0	40.09	-	-	-	-	68.2	-28.11	0-360	150	V
6	* 10.643	29.24	PK	37.7	-22.6	0	44.34	-	-	74	-29.66	-	-	0-360	250	V
8	* 15.966	26.56	PK	40.4	-20.9	0	46.06	-	-	74	-27.94	-	-	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	20170531_3117_00108 717	5GHz_LP(BB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Ag Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Unit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
* 3.988	45.68	PK-U	33.1	-31.8	0	46.98	-	-	74	-27.02	-	-	36	172	H
* 3.991	33.86	ADR	33.1	-31.7	.32	35.58	54	-18.42	-	-	-	-	36	172	H
* 3.99	45.49	PK-U	33.1	-31.7	0	46.89	-	-	74	-27.11	-	-	180	235	V
* 3.991	33.95	ADR	33.1	-31.7	.32	35.67	54	-18.33	-	-	-	-	180	235	V
* 10.64	26.84	ADR	37.7	-22.5	.32	42.36	54	-11.64	-	-	-	-	149	142	H
* 15.96	28.22	ADR	40.4	-21	.32	47.94	54	-6.06	-	-	-	-	126	139	H
* 10.641	30.19	ADR	37.7	-22.5	.32	45.71	54	-8.29	-	-	-	-	149	184	V
* 15.96	26.98	ADR	40.4	-21	.32	46.7	54	-7.3	-	-	-	-	240	398	V
6.652	44.12	PK-U	35.2	-28.6	0	50.72	-	-	-	-	68.2	-17.48	181	152	H
* 10.64	39.83	PK-U	37.7	-22.5	0	55.03	-	-	74	-18.97	-	-	149	142	H
* 15.96	42	PK-U	40.4	-21	0	61.4	-	-	74	-12.6	-	-	126	139	H
6.652	44.15	PK-U	35.2	-28.6	0	50.75	-	-	-	-	68.2	-17.45	187	142	V
* 10.642	42.89	PK-U	37.7	-22.6	0	57.99	-	-	74	-16.01	-	-	149	184	V
* 15.962	40.62	PK-U	40.4	-21	0	60.02	-	-	74	-13.98	-	-	240	398	V

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

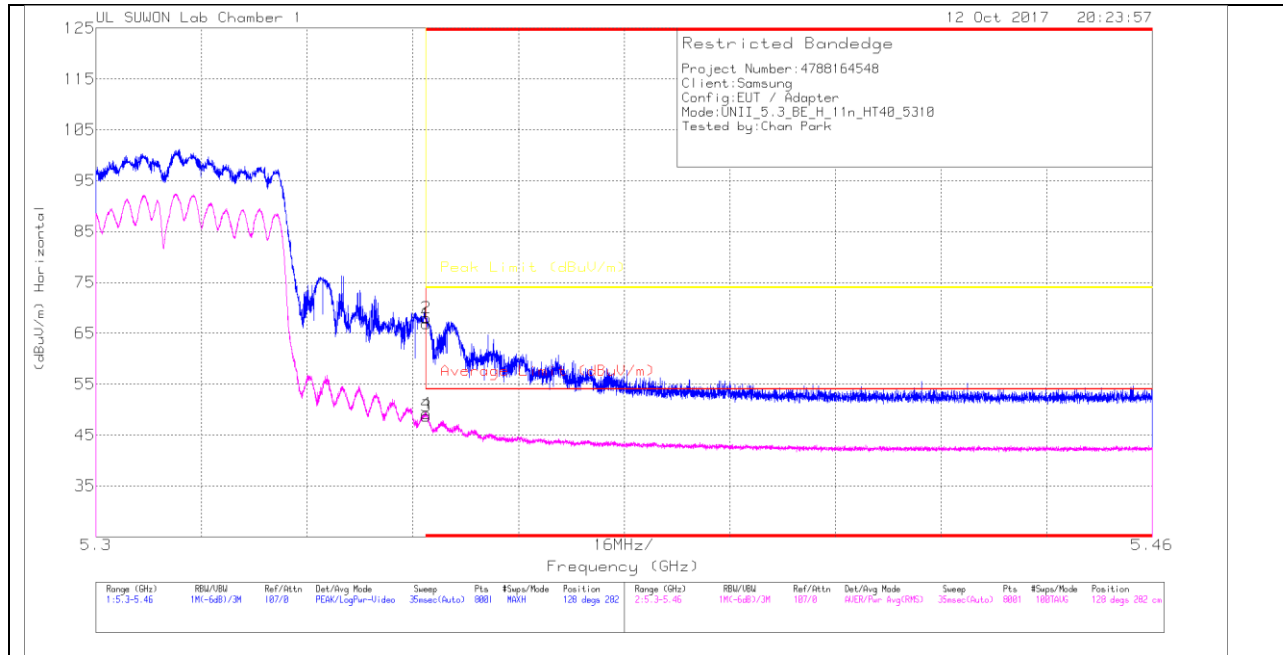
PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.2.3.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

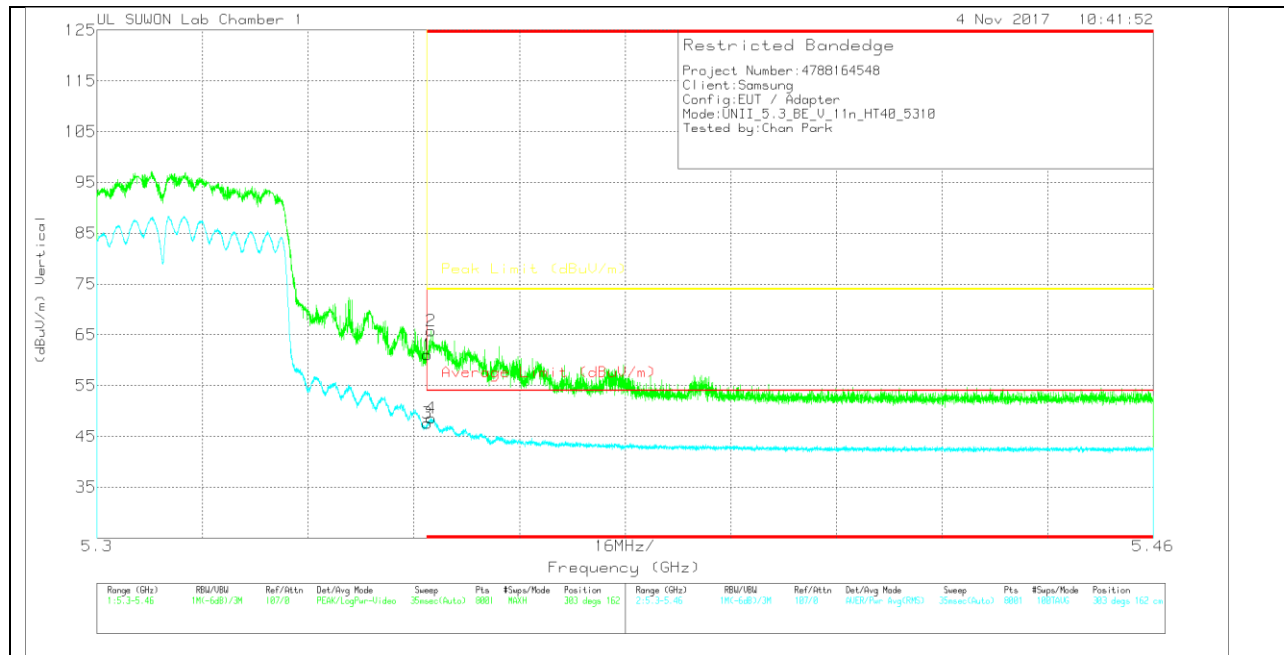
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.35	54.45	Pk	34.2	-21.7	0	66.95	-	-	74	-7.05	128	282	H
2	* 5.35	55.55	Pk	34.2	-21.7	0	68.05	-	-	74	-5.95	128	282	H
3	* 5.35	35.58	RMS	34.2	-21.7	.62	48.70	54	-5.3	-	-	128	282	H
4	* 5.35	36.13	RMS	34.2	-21.7	.62	49.25	54	-4.75	-	-	128	282	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	20170531_3117_00108 717	10dB_ATT(dB)_170809	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	48.59	Pk	34.2	-21.7	0	61.09	-	-	74	-12.91	303	162	V
2	* 5.351	53.33	Pk	34.2	-21.7	0	65.83	-	-	74	-8.17	303	162	V
3	* 5.35	34.45	RMS	34.2	-21.7	.62	47.57	54	-6.43	-	-	303	162	V
4	* 5.351	35.52	RMS	34.2	-21.7	.62	48.64	54	-5.36	-	-	303	162	V

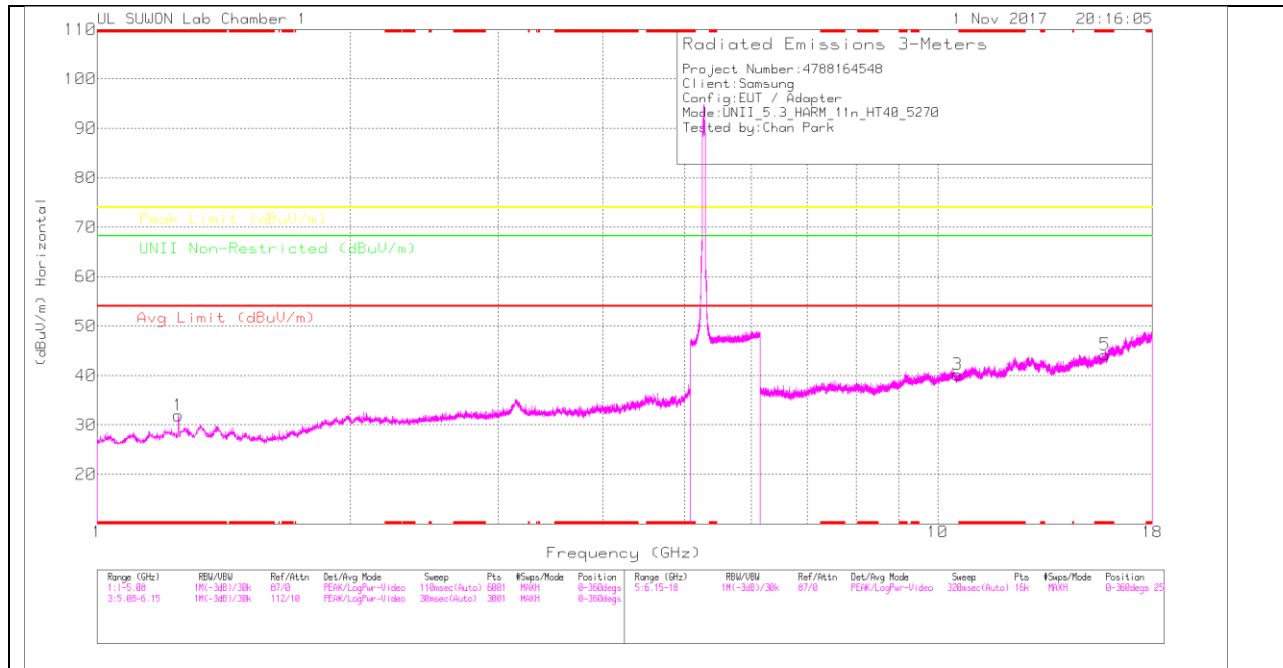
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

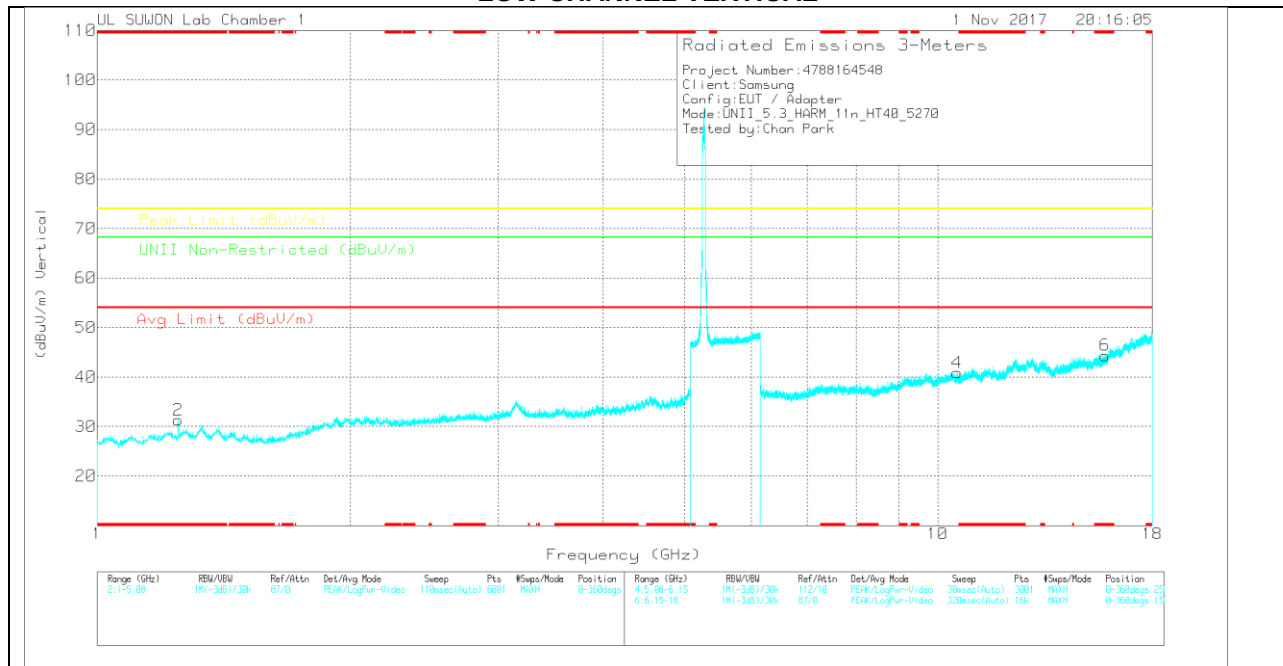
RMS - RMS detection

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

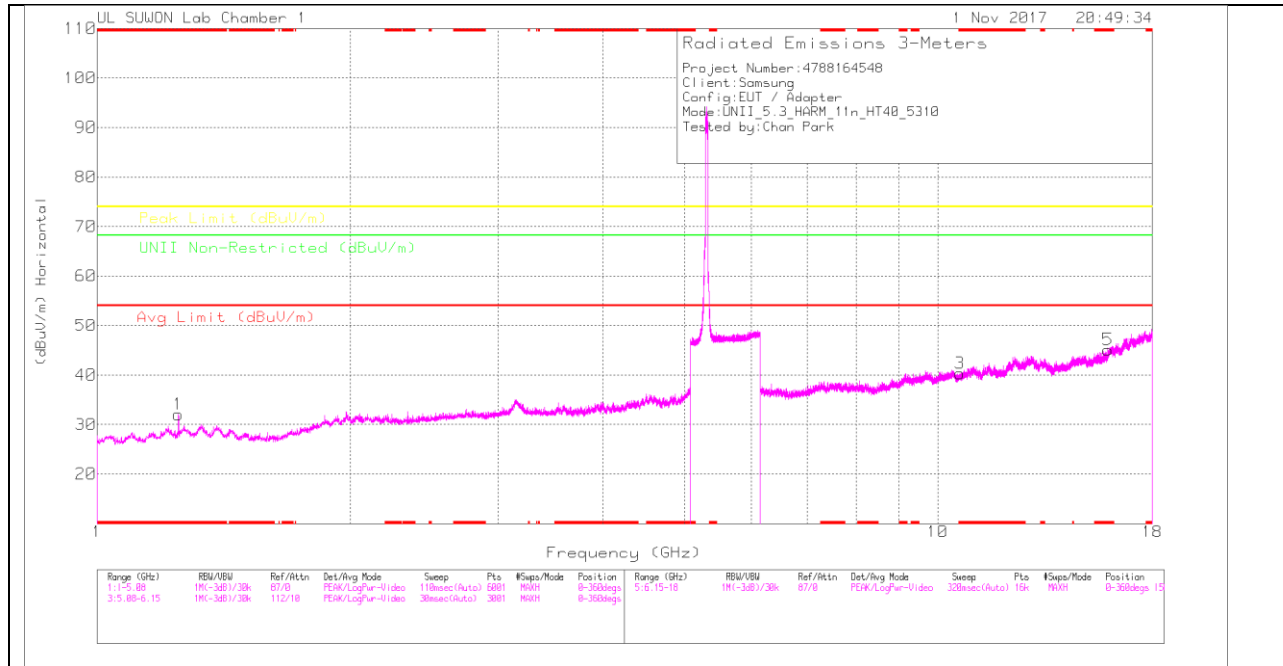
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	Signal_LF(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.25	39.72	PK	29.3	-37.1	0	31.92	-	-	74	-42.08	-	-	0-360	150	H
2	* 1.25	39.11	PK	29.3	-37.1	0	31.31	-	-	74	-42.69	-	-	0-360	150	V
3	10.551	25.79	PK	37.6	-23.2	0	40.19	-	-	-	-	68.2	-28.01	0-360	150	H
5	* 15.811	25.42	PK	40.1	-21.3	0	44.22	-	-	74	-29.78	-	-	0-360	150	H
4	10.546	26.35	PK	37.6	-23.1	0	40.85	-	-	-	-	68.2	-27.35	0-360	150	V
6	* 15.808	25.56	PK	40.1	-21.3	0	44.36	-	-	74	-29.64	-	-	0-360	250	V

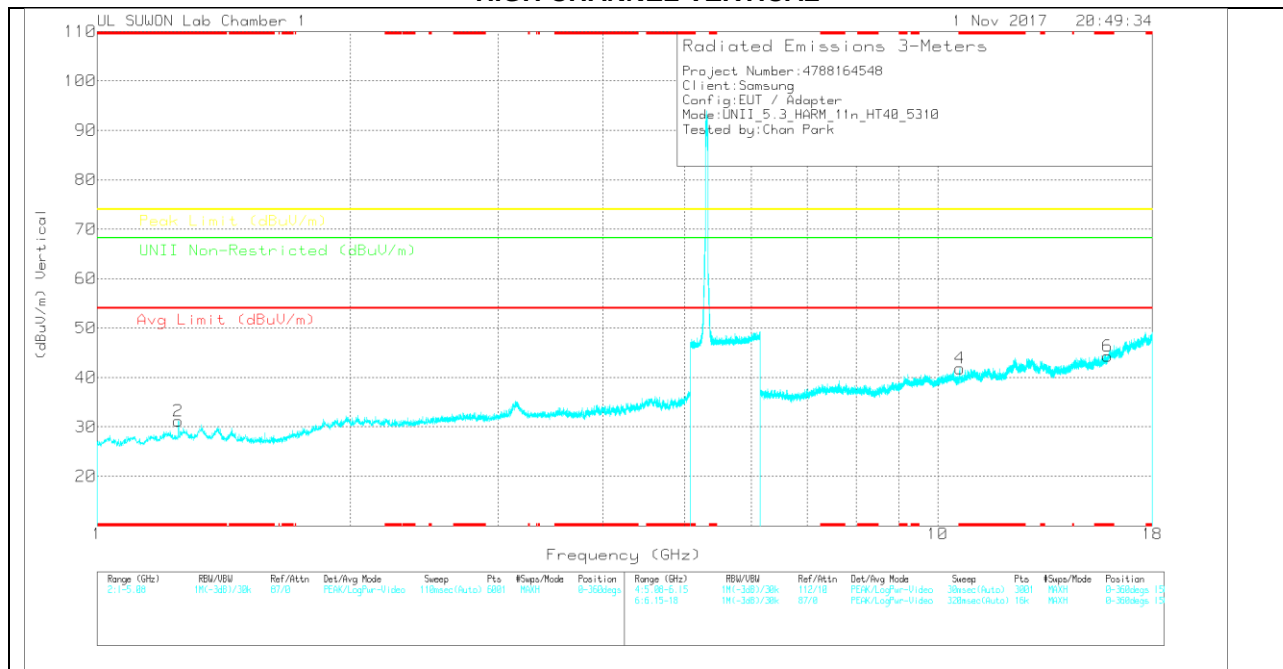
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

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)	Motor Reading (dBuV)	Det	20170531_3117_001 68737	SGHz_LF(BB)_170809	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	* 1.25	39.84	PK	29.3	-37.1	0	32.04	-	-	74	-41.96	-	-	0-360	150	H
2	* 1.25	39	PK	29.3	-37.1	0	31.2	-	-	74	-42.8	-	-	0-360	150	V
3	* 10.625	25.22	PK	37.7	-22.6	0	40.32	-	-	74	-33.68	-	-	0-360	250	H
5	* 15.937	25.9	PK	40.4	-21.2	0	45.1	-	-	74	-28.9	-	-	0-360	150	H
4	* 10.627	26.74	PK	37.7	-22.6	0	41.84	-	-	74	-32.16	-	-	0-360	150	V
6	* 15.934	25.2	PK	40.4	-21.3	0	44.3	-	-	74	-29.7	-	-	0-360	250	V

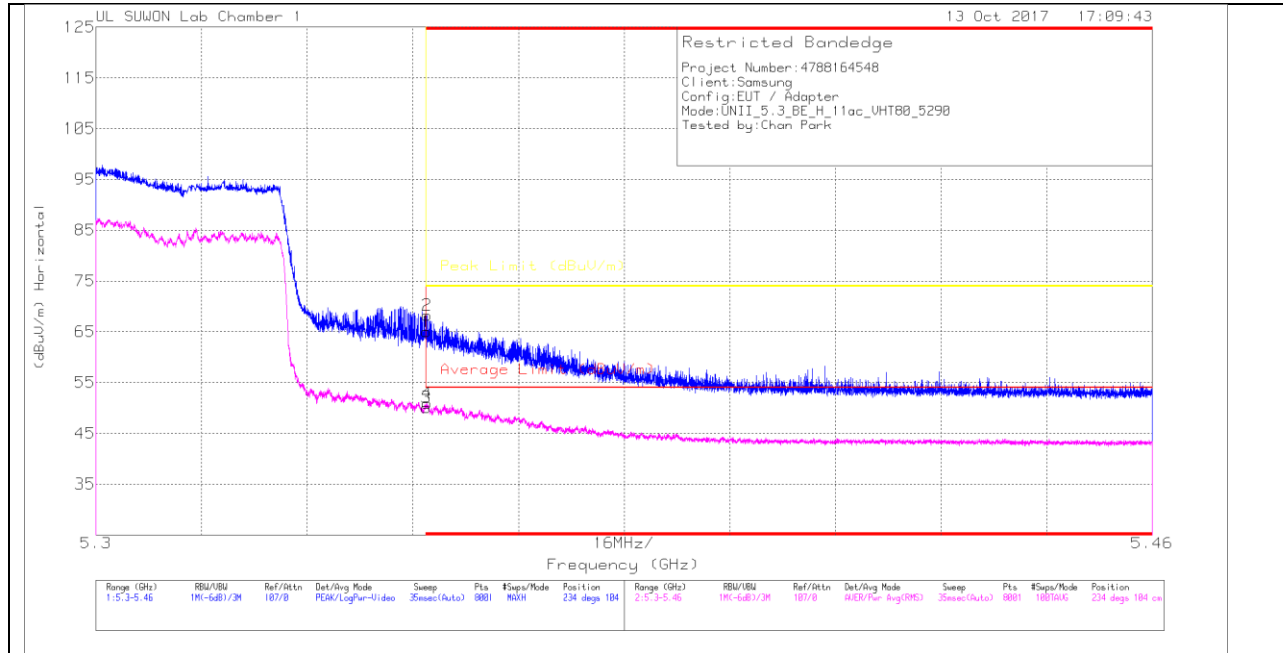
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK – Peak detector

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

10.2.4. 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

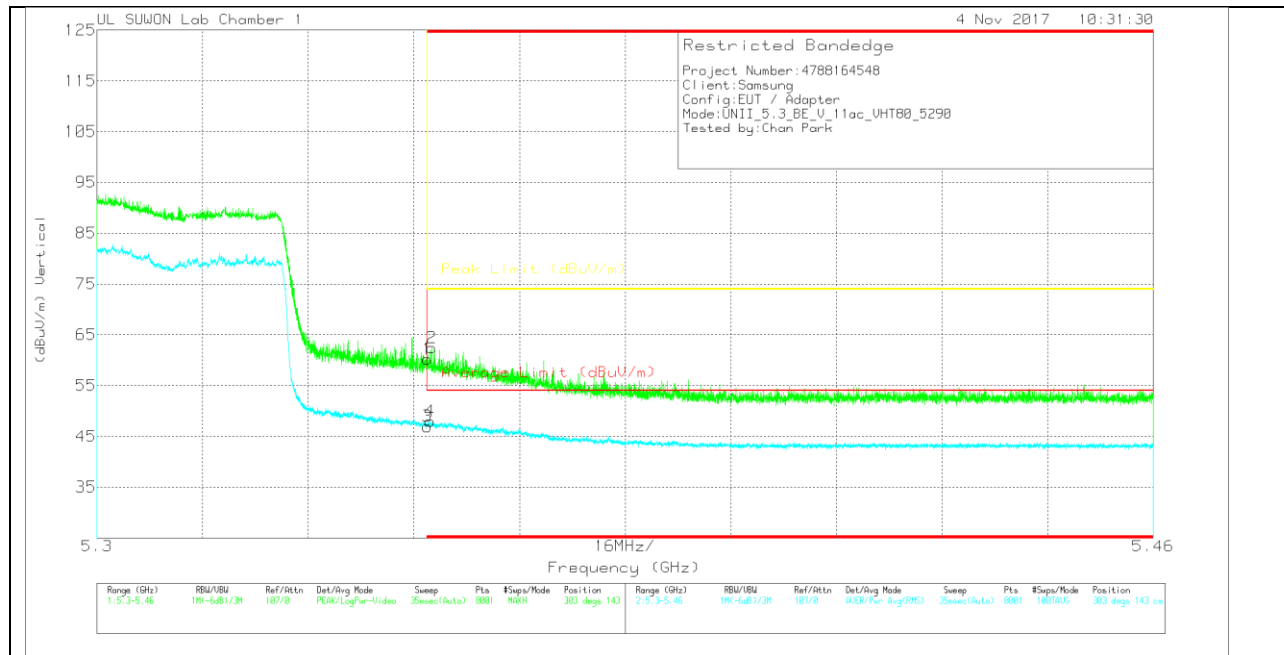
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	* 5.35	52.49	Pk	34.2	-21.7	0	64.99	-	-	74	-9.01	234	104	H
2	* 5.35	55.74	Pk	34.2	-21.7	0	68.24	-	-	74	-5.76	234	104	H
3	* 5.35	36.47	RMS	34.2	-21.7	1.16	50.13	54	-3.87	-	-	234	104	H
4	* 5.35	37.28	RMS	34.2	-21.7	1.16	50.94	54	-3.06	-	-	234	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	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	47.67	Pk	34.2	-21.7	0	60.17	-	-	74	-13.83	303	143	V
2	* 5.351	49.91	Pk	34.2	-21.7	0	62.41	-	-	74	-11.59	303	143	V
3	* 5.35	33.27	RMS	34.2	-21.7	1.16	46.93	54	-7.07	-	-	303	143	V
4	* 5.35	34.37	RMS	34.2	-21.7	1.16	48.03	54	-5.97	-	-	303	143	V

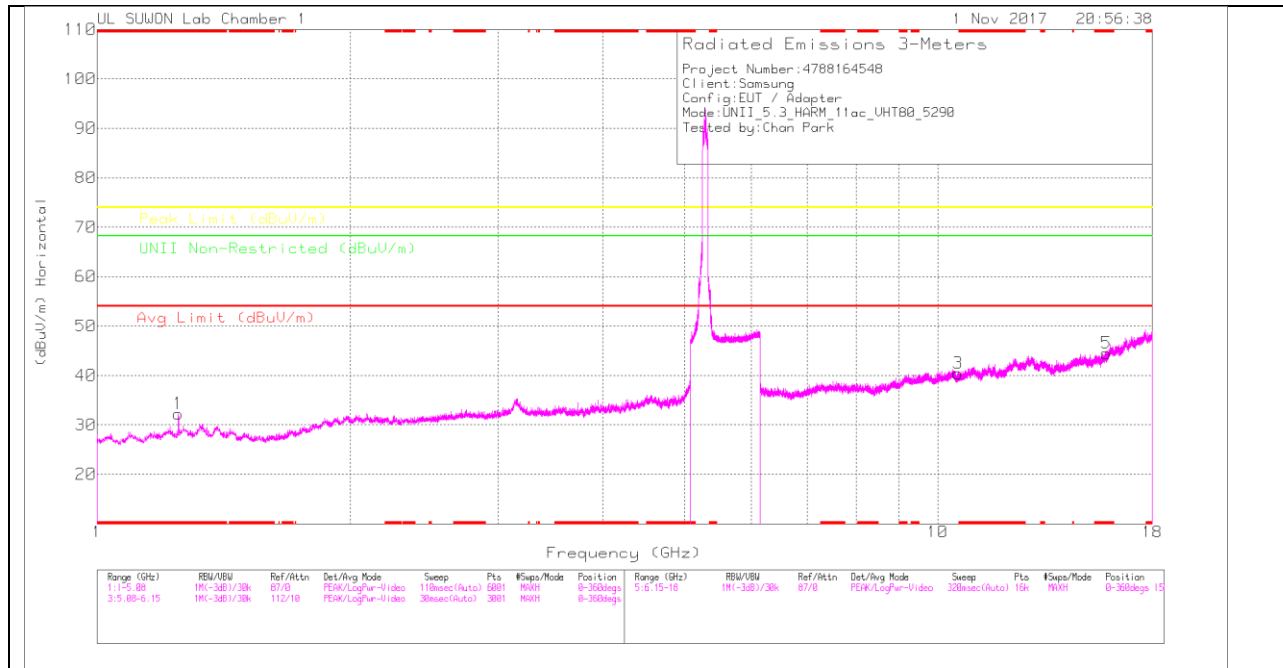
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

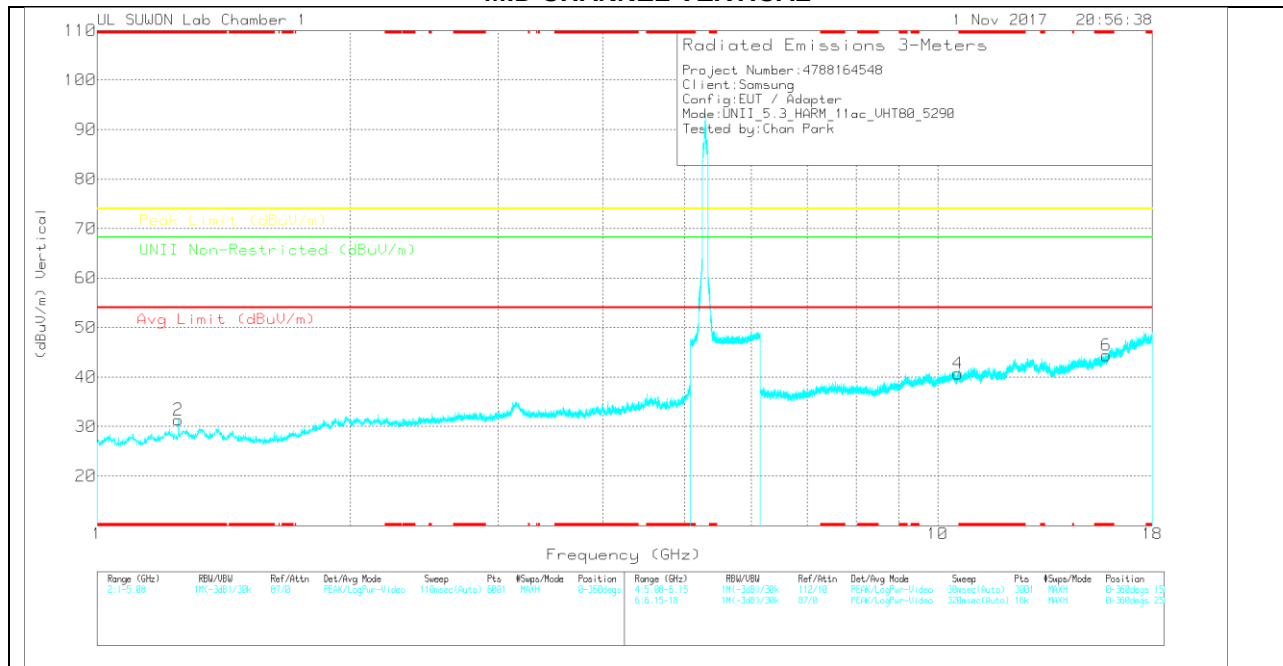
RMS - RMS detection

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	20170531_3117_001 68717	Signal_LF(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.25	40.05	PK	29.3	-37.1	0	32.25	-	-	74	-41.75	-	-	0-360	150	H
2	* 1.25	39.14	PK	29.3	-37.1	0	31.34	-	-	74	-42.66	-	-	0-360	150	V
3	10.574	25.95	PK	37.6	-23.1	0	40.45	-	-	-	-	68.2	-27.75	0-360	150	H
5	* 15.872	25.81	PK	40.2	-21.5	0	44.51	-	-	74	-29.49	-	-	0-360	250	H
4	10.578	26.09	PK	37.6	-23	0	40.69	-	-	-	-	68.2	-27.51	0-360	250	V
6	* 15.869	25.68	PK	40.2	-21.5	0	44.38	-	-	74	-29.62	-	-	0-360	250	V

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

PK – Peak detector

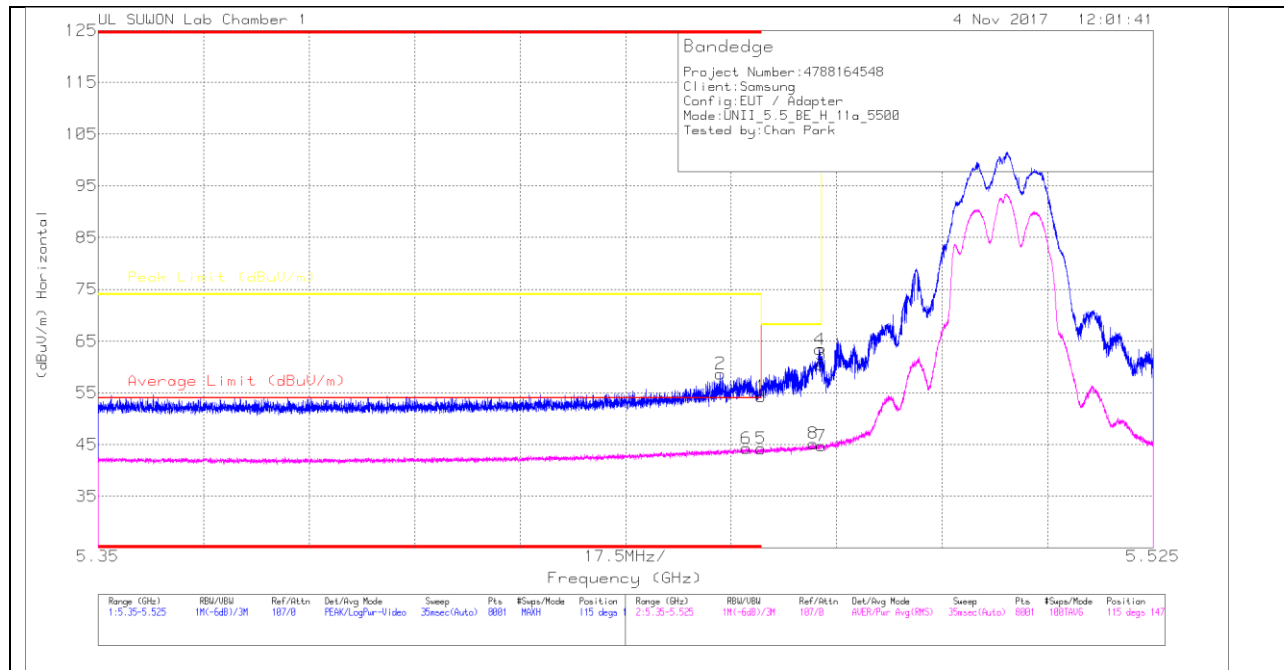
Note: Only peak measurement was performed. Because peak measurement result of unwanted emission is less than average limit (54dBuV/m).

10.3. 5.5-5.6 GHz

10.3.1. 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

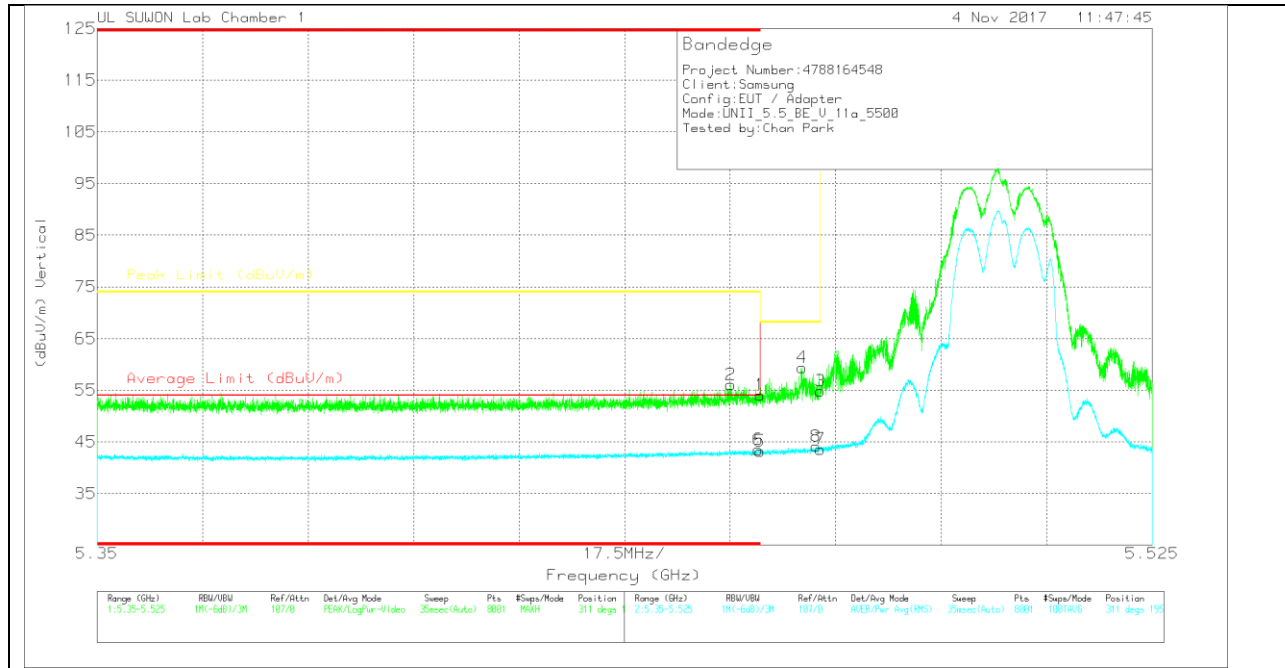
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	41.49	Pk	34.3	-21.5	0	54.29	-	-	74	-19.71	115	147	H
2	* 5.453	45.99	Pk	34.3	-21.6	0	58.69	-	-	74	-15.31	115	147	H
3	5.47	47.7	Pk	34.3	-21.5	0	60.5	-	-	68.2	-7.7	115	147	H
4	5.47	50.58	Pk	34.3	-21.5	0	63.38	-	-	68.2	-4.82	115	147	H
5	* 5.46	31.12	RMS	34.3	-21.5	.3	44.22	54	-9.78	-	-	115	147	H
6	* 5.458	31.27	RMS	34.3	-21.6	.3	44.27	54	-9.73	-	-	115	147	H

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

Pk - Peak detector

RMS - RMS detection

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00108 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	41.27	Pk	34.3	-21.5	0	54.07	-	-	74	-19.93	311	195	V
2	* 5.455	43.36	Pk	34.3	-21.6	0	56.06	-	-	74	-17.94	311	195	V
3	5.47	42.05	Pk	34.3	-21.5	0	54.85	-	-	68.2	-13.35	311	195	V
4	5.467	46.69	Pk	34.3	-21.6	0	59.39	-	-	68.2	-8.81	311	195	V
5	* 5.46	30.11	RMS	34.3	-21.5	.3	43.21	54	-10.79	-	-	311	195	V
6	* 5.46	30.4	RMS	34.3	-21.5	.3	43.5	54	-10.5	-	-	311	195	V

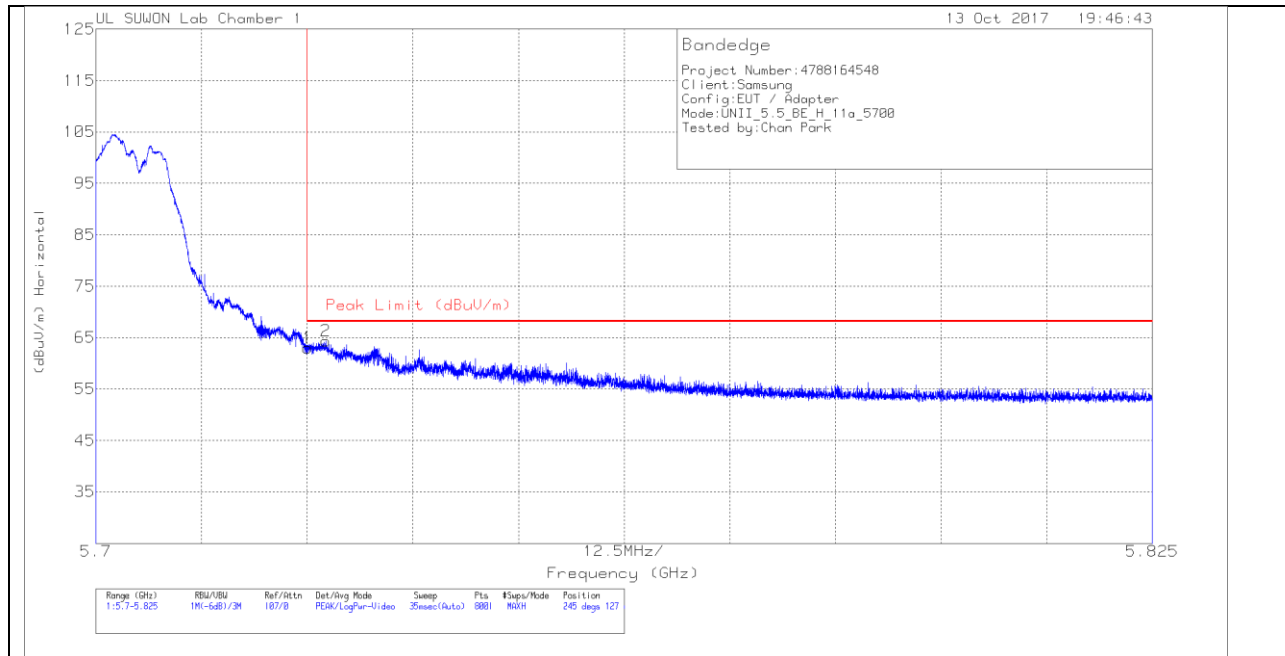
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



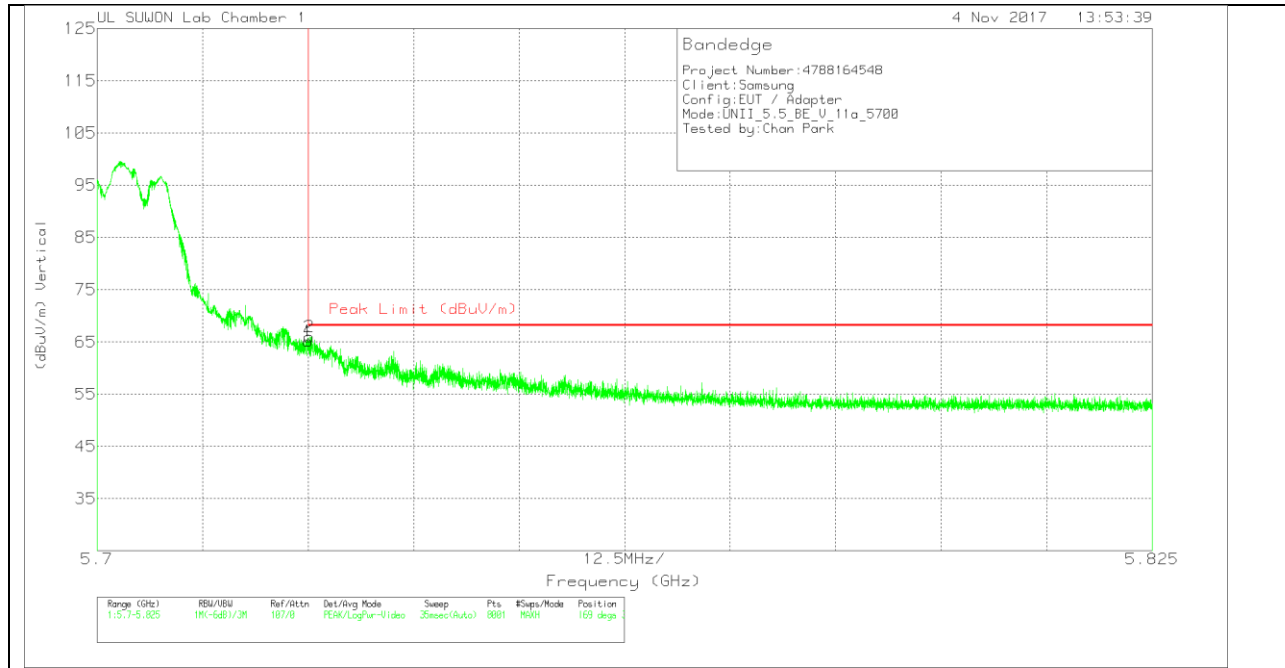
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_0 0168717	10dB_ATT(dB)_17 0809	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	49.82	Pk	34.4	-21.2	0	63.02	68.2	-5.18	245	127	H
2	5.727	51.13	Pk	34.4	-21.2	0	64.33	68.2	-3.87	245	127	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

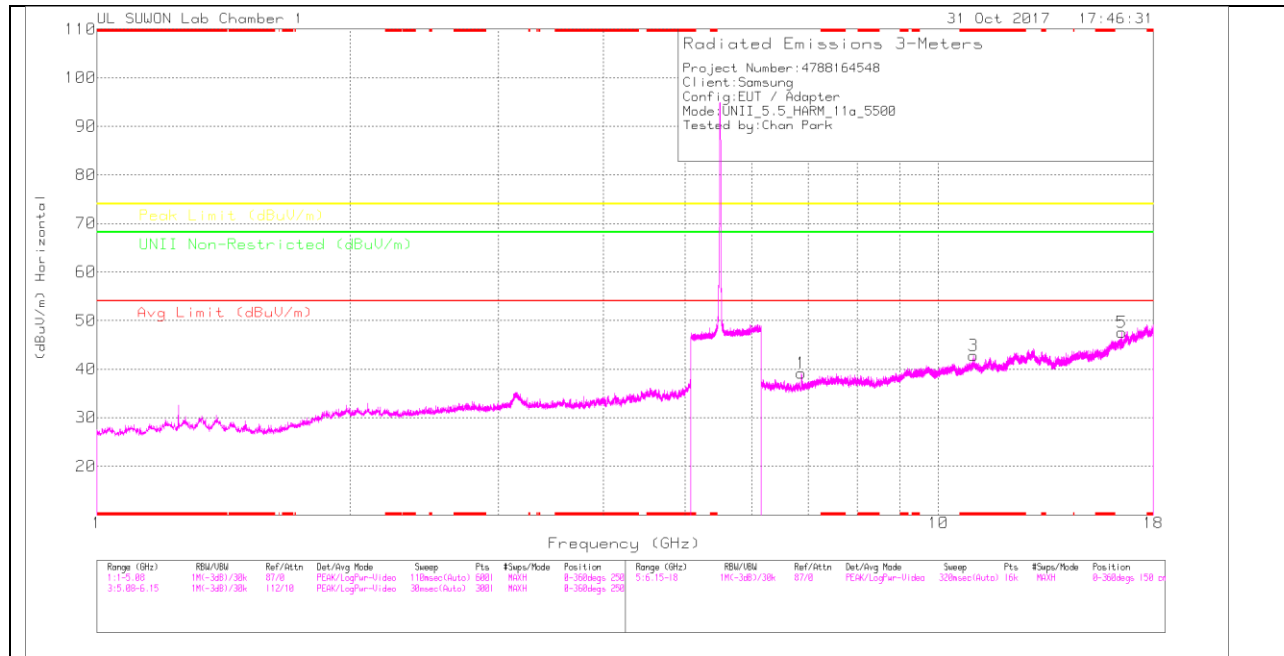
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_0 0168717	10dB_ATT(dB)_17 0809	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	51.94	Pk	34.4	-21.2	0	65.14	68.2	-3.06	169	372	V
2	5.725	52.78	Pk	34.4	-21.2	0	65.98	68.2	-2.22	169	372	V

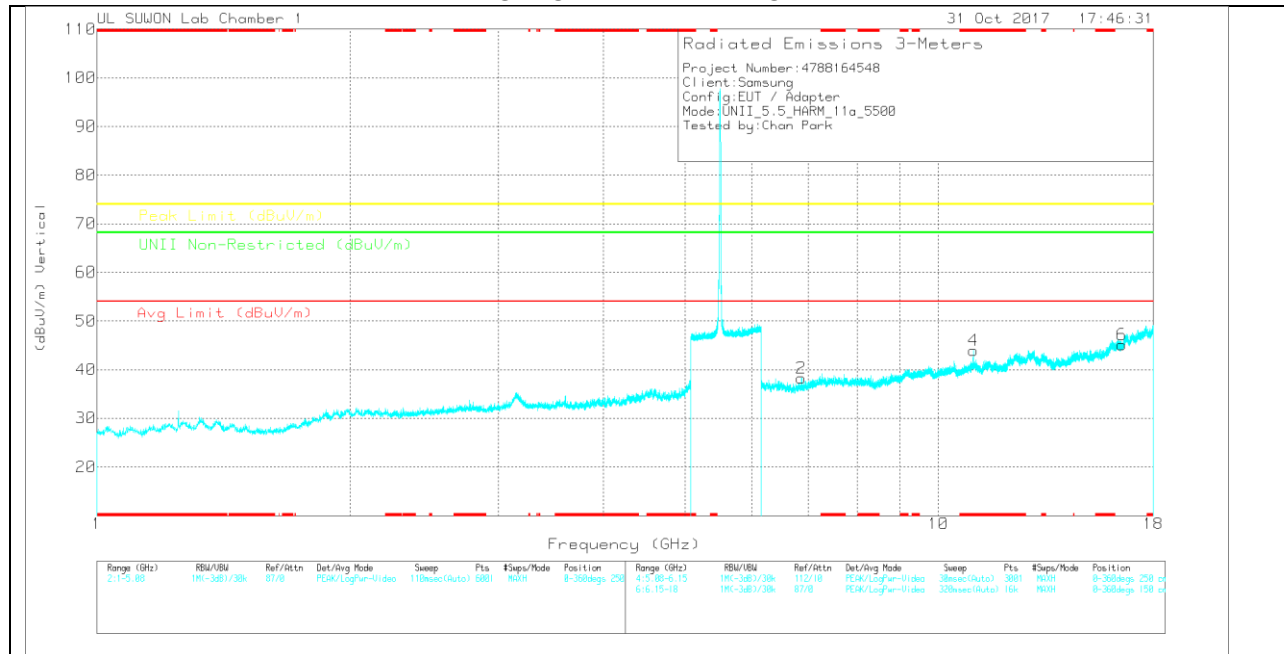
Pk - Peak detector

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	20170531_3117_001 68717	6GHz_HP(dB)_17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.876	32.2	PK	35.5	-28.5	0	39.2	-	-	-	-	68.2	-29	0-360	250	H
3	* 10.997	26.66	PK	38	-21.9	0	42.76	-	-	74	-31.24	-	-	0-360	150	H
5	16.501	26.9	PK	40.7	-20	0	47.6	-	-	-	-	68.2	-20.6	0-360	150	H
2	6.875	31.31	PK	35.5	-28.5	0	38.31	-	-	-	-	68.2	-29.89	0-360	250	V
4	* 11.002	28	PK	38	-22	0	44	-	-	74	-30	-	-	0-360	250	V
6	16.5	24.38	PK	40.7	-20	0	45.08	-	-	-	-	68.2	-23.12	0-360	250	V

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

PK – Peak detector

Radiated Emissions

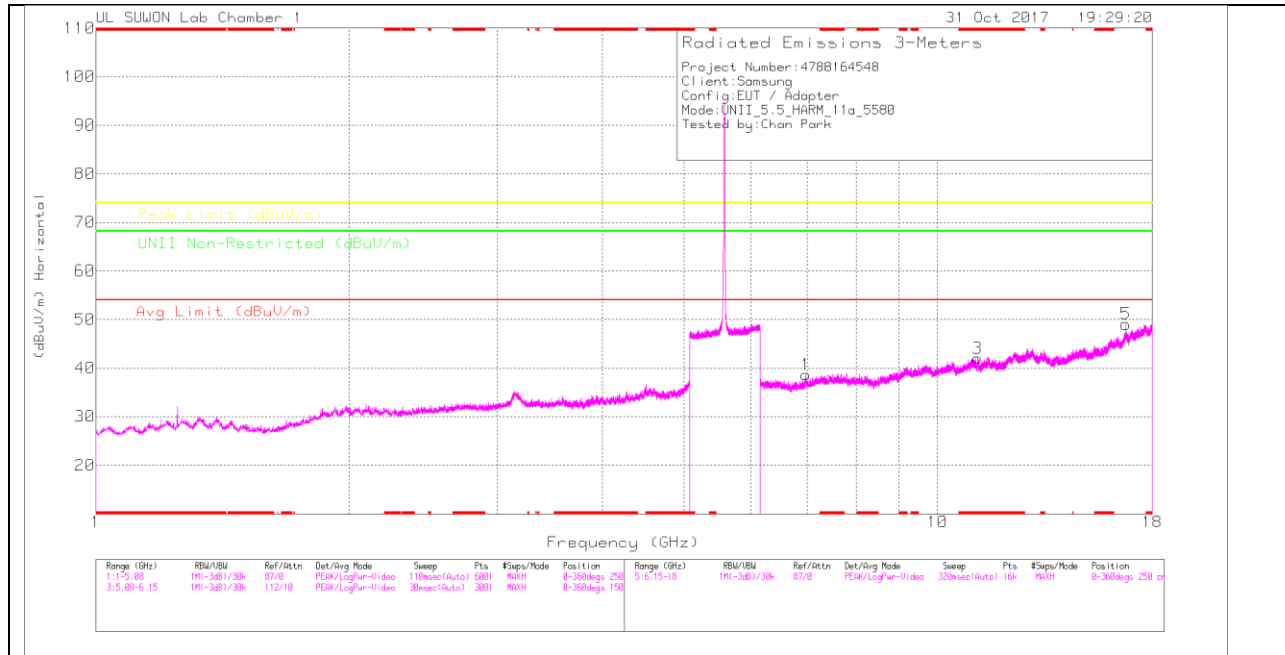
Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	6GHz_HP(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
6.873	42.87	PK-U	35.4	-28.5	0	49.77	-	-	-	-	68.2	-18.43	57	392	H
* 10.999	39.56	PK-U	38	-22	0	55.56	-	-	74	-18.44	-	-	138	158	H
* 11.002	26.63	ADR	38	-22	.3	42.93	54	-11.07	-	-	-	-	138	158	H
6.874	42.59	PK-U	35.4	-28.5	0	49.49	-	-	-	-	68.2	-18.71	138	264	V
* 10.999	42.1	PK-U	38	-22	0	58.1	-	-	74	-15.9	-	-	142	287	V
* 11.002	29.06	ADR	38	-22	.3	45.36	54	-8.64	-	-	-	-	142	287	V

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

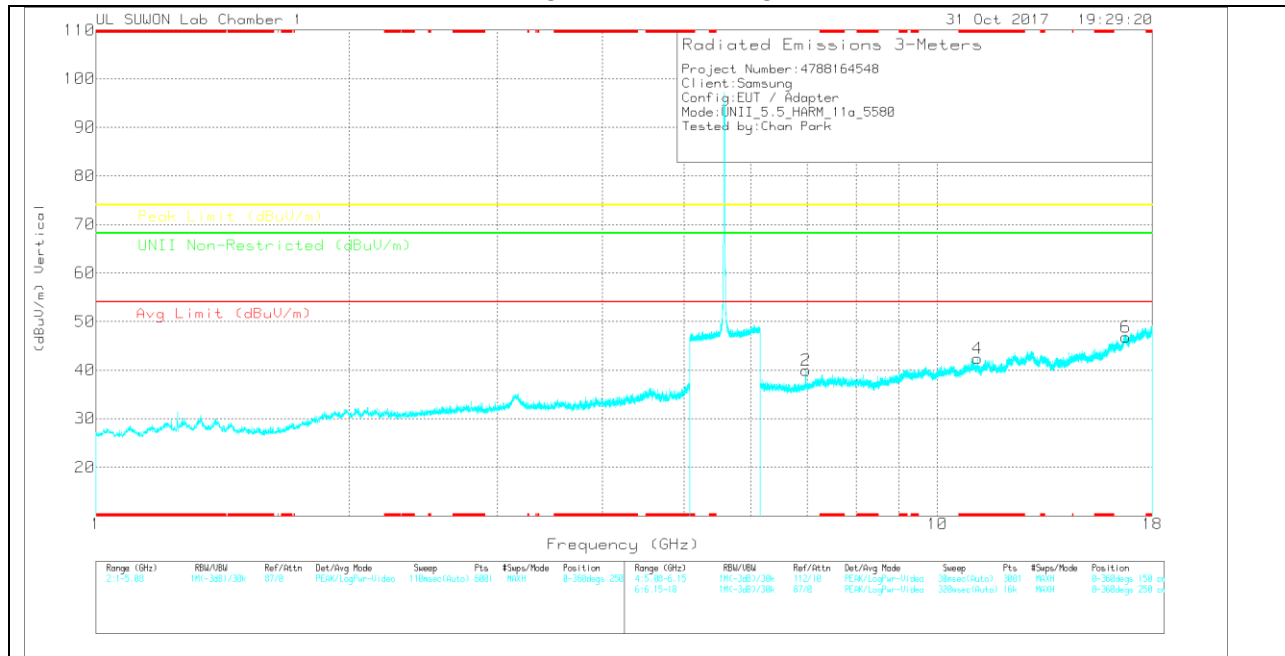
PK-U - U-NII: Maximum Peak

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	20170531_3117_001 68717	6GHz_HP(dB)_17080 9	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	6.976	31.14	PK	35.6	-28.1	0	38.64	-	-	-	-	68.2	-29.56	0-360	150	H
3	* 11.157	26.85	PK	37.9	-22.7	0	42.05	-	-	74	-31.95	-	-	0-360	150	H
5	16.741	26.26	PK	40.9	-18.1	0	49.06	-	-	-	-	68.2	-19.14	0-360	150	H
2	6.976	32.45	PK	35.6	-28.1	0	39.95	-	-	-	-	68.2	-28.25	0-360	150	V
4	* 11.163	27.25	PK	37.9	-22.7	0	42.45	-	-	74	-31.55	-	-	0-360	250	V
6	16.745	24.03	PK	40.9	-18.1	0	46.83	-	-	-	-	68.2	-21.37	0-360	250	V

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

PK – Peak detector

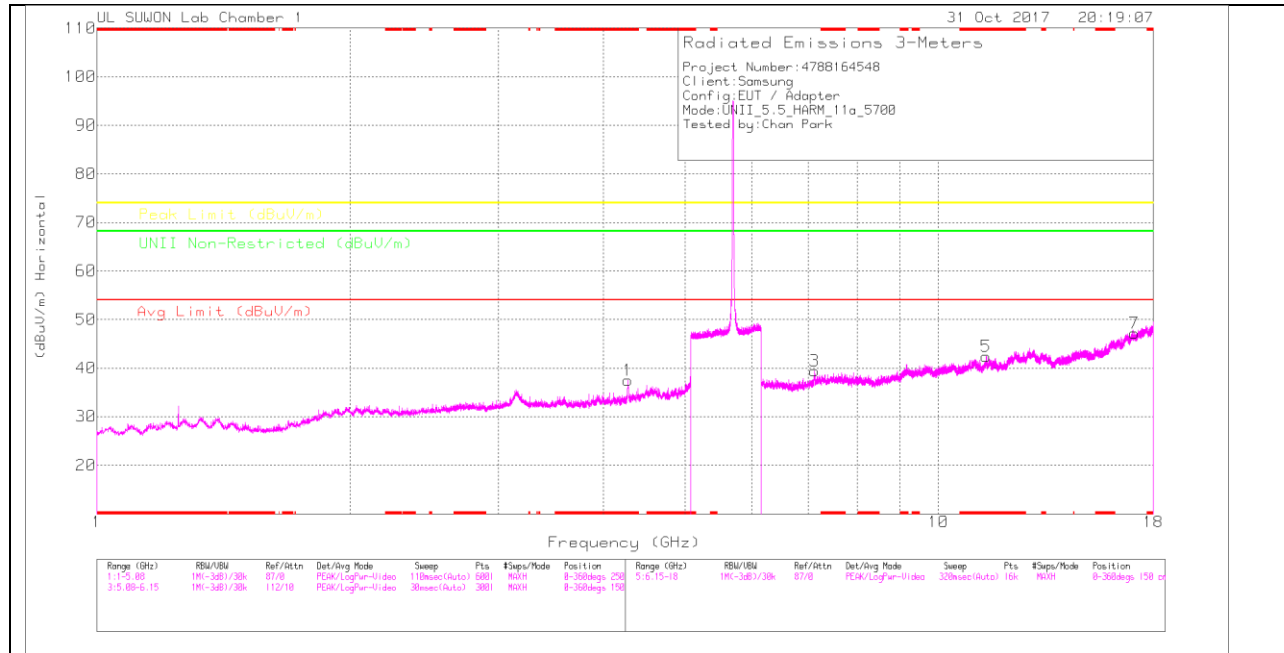
Radiated Emissions

Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001687 17	6GHz_HP(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	UNII Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
6.973	41.66	PK-U	35.5	-28.1	0	49.06	-	-	-	-	68.2	-19.14	83	291	H
16.742	40	PK-U	40.9	-18.1	0	62.8	-	-	-	-	68.2	-5.4	128	142	H
6.974	42.77	PK-U	35.5	-28.1	0	50.17	-	-	-	-	68.2	-18.03	147	167	V

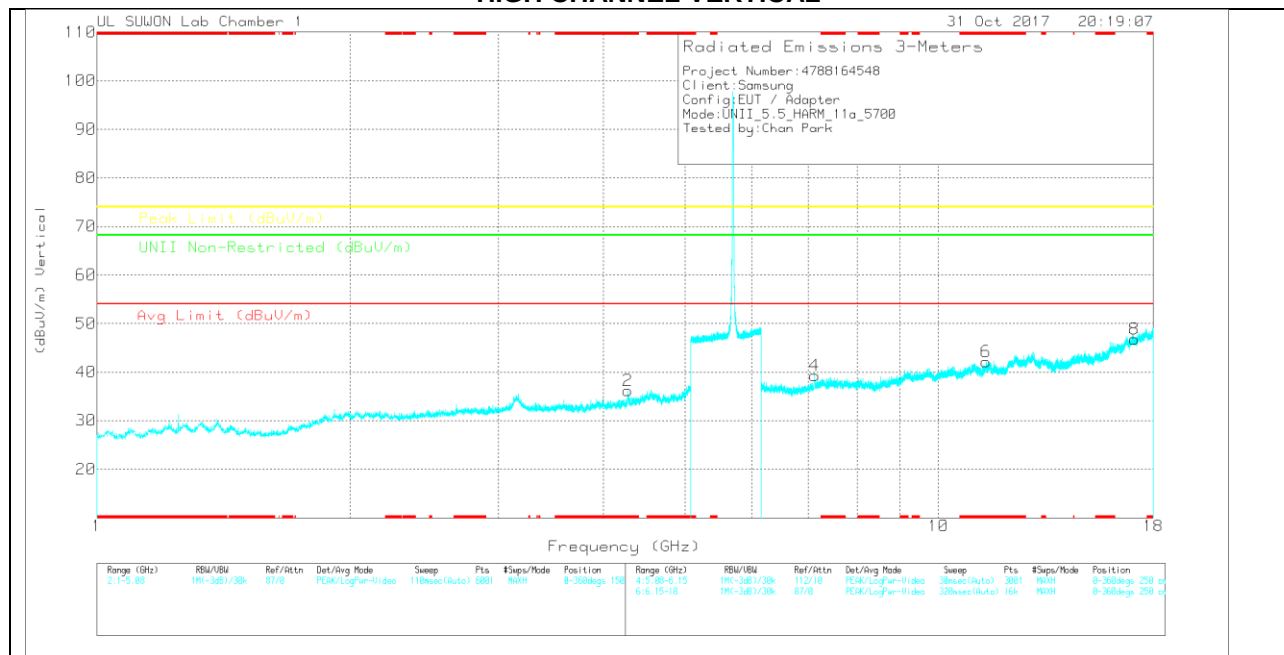
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

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	20170531_3117_001 68717	5GHz_LP(B)_170809	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	* 4.276	35.14	PK	33.3	-31	0	37.44	-	-	74	-36.56	-	-	0-360	150	H
2	* 4.275	33.98	PK	33.2	-31	0	36.18	-	-	74	-37.82	-	-	0-360	150	V
3	7.127	31.69	PK	35.8	-28.1	0	39.39	-	-	-	-	68.2	-28.81	0-360	250	H
5	* 11.396	26.9	PK	38.1	-22.6	0	42.4	-	-	74	-31.6	-	-	0-360	150	H
7	17.096	23.93	PK	41.3	-18	0	47.23	-	-	-	-	68.2	-20.97	0-360	150	H
4	7.129	31.62	PK	35.8	-28.1	0	39.32	-	-	-	-	68.2	-28.88	0-360	250	V
6	* 11.399	26.79	PK	38.1	-22.7	0	42.19	-	-	74	-31.81	-	-	0-360	150	V
8	17.102	23.63	PK	41.3	-18.1	0	46.83	-	-	-	-	68.2	-21.37	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	20170531_3117_00168 717	5GHz_LP(B)_170809	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
* 4.275	46.47	PK-U	33.3	-31	0	48.77	-	-	74	-25.23	-	-	44	183	H
* 4.274	35.28	ADR	33.2	-31	.3	37.78	54	-16.22	-	-	-	-	44	183	H
* 4.278	45.79	PK-U	33.3	-31	0	48.09	-	-	74	-25.91	-	-	176	136	V
* 4.274	34.19	ADR	33.2	-31	.3	36.69	54	-17.31	-	-	-	-	176	136	V
7.123	43.07	PK-U	35.7	-28.1	0	50.67	-	-	-	-	68.2	-17.53	213	119	H
7.124	43.25	PK-U	35.7	-28.1	0	50.85	-	-	-	-	68.2	-17.35	147	164	V

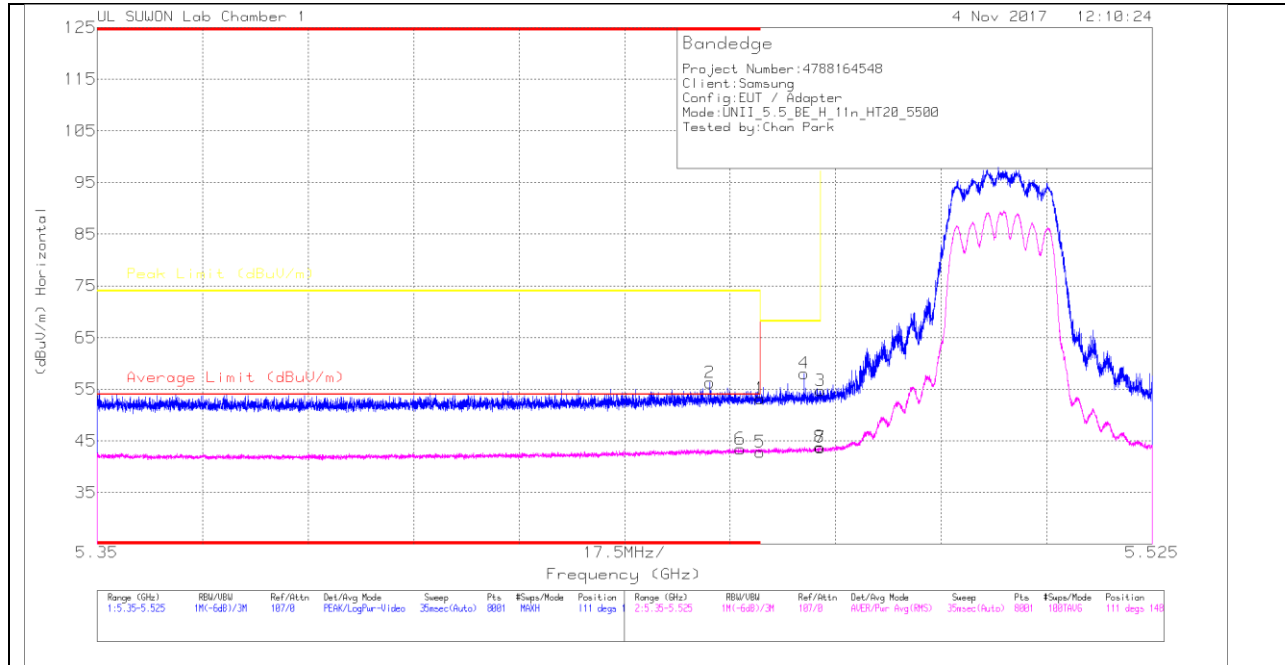
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

PK-U - U-NII: Maximum Peak

ADR - U-NII AD primary method, RMS average

10.3.2.TX ABOVE 1GHz 802.11n HT20 2Tx CDD MODE IN THE 5.5GHz BAND RESTRICTED BANDEDGE (LOW CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



HORIZONTAL DATA

Trace Markers

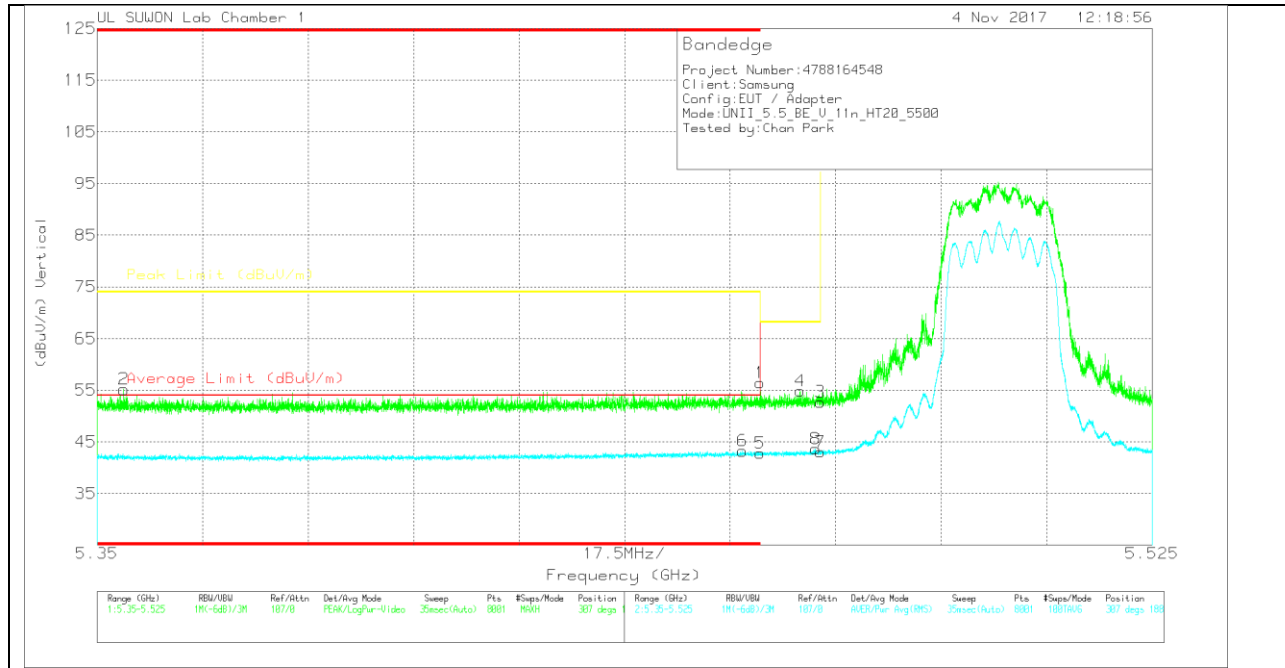
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_00168 717	10dB_ATT(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Average Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	PK Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 5.46	40.4	Pk	34.3	-21.5	0	53.2	-	-	74	-20.8	111	148	H
2	* 5.452	43.59	Pk	34.3	-21.6	0	56.29	-	-	74	-17.71	111	148	H
3	5.47	41.93	Pk	34.3	-21.5	0	54.73	-	-	68.2	-13.47	111	148	H
4	5.467	45.39	Pk	34.3	-21.6	0	58.09	-	-	68.2	-10.11	111	148	H
5	* 5.46	29.73	RMS	34.3	-21.5	.32	42.85	54	-11.15	-	-	111	148	H
6	* 5.457	30.43	RMS	34.3	-21.6	.32	43.45	54	-10.55	-	-	111	148	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	20170531_3117_00168 717	10dB_ATT(dB)_170809	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	43.65	Pk	34.3	-21.5	0	56.45	-	-	74	-17.55	307	188	V
2	* 5.354	42.68	Pk	34.2	-21.7	0	55.18	-	-	74	-18.82	307	188	V
3	5.47	39.9	Pk	34.3	-21.5	0	52.7	-	-	68.2	-15.5	307	188	V
4	5.467	42.17	Pk	34.3	-21.6	0	54.87	-	-	68.2	-13.33	307	188	V
5	* 5.46	29.67	RMS	34.3	-21.5	.32	42.79	54	-11.21	-	-	307	188	V
6	* 5.457	30.24	RMS	34.3	-21.6	.32	43.26	54	-10.74	-	-	307	188	V

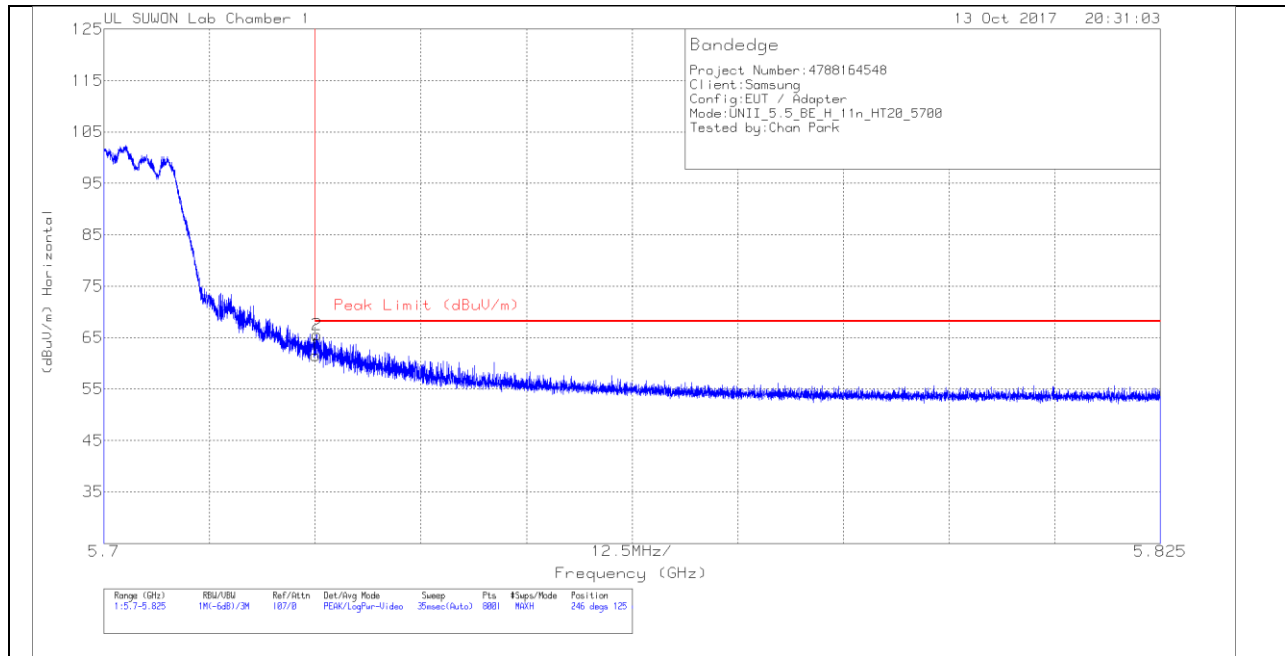
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Pk - Peak detector

RMS - RMS detection

AUTHORIZED BANDEDGE (HIGH CHANNEL)

HORIZONTAL PEAK AND AVERAGE PLOT



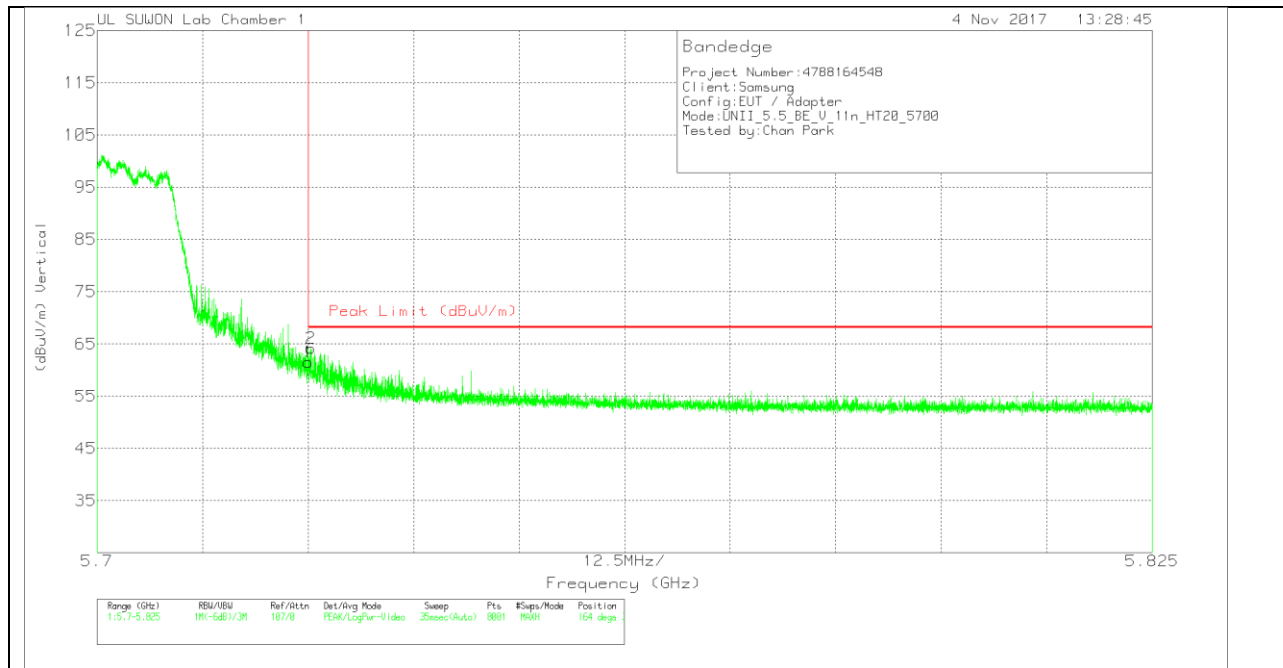
HORIZONTAL DATA

Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_0 0168717	10dB_ATT(dB)_17 0809	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	48.39	Pk	34.4	-21.2	0	61.59	68.2	-6.61	246	125	H
2	5.725	52.4	Pk	34.4	-21.2	0	65.6	68.2	-2.6	246	125	H

Pk - Peak detector

VERTICAL PEAK AND AVERAGE PLOT



VERTICAL DATA

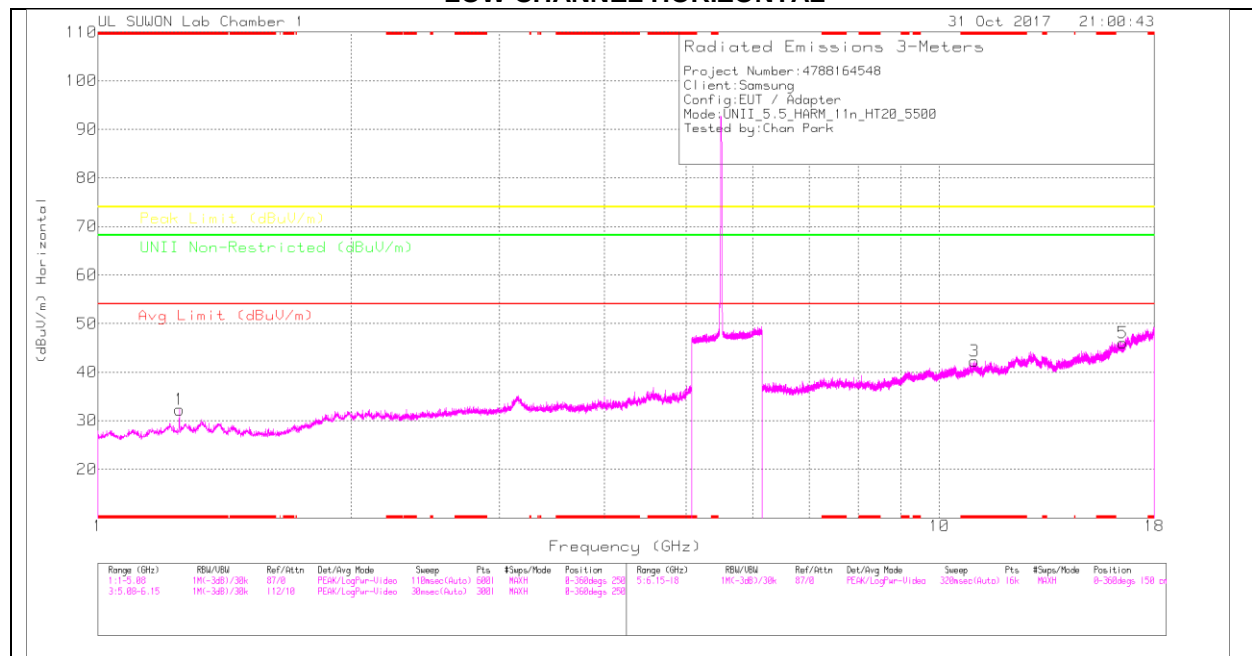
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_0 0168717	10dB_ATT(dB)_17 0809	DC Corr (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	PK Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	5.725	48.3	Pk	34.4	-21.2	0	61.5	68.2	-6.7	164	341	V
2	5.725	50.94	Pk	34.4	-21.2	0	64.14	68.2	-4.06	164	341	V

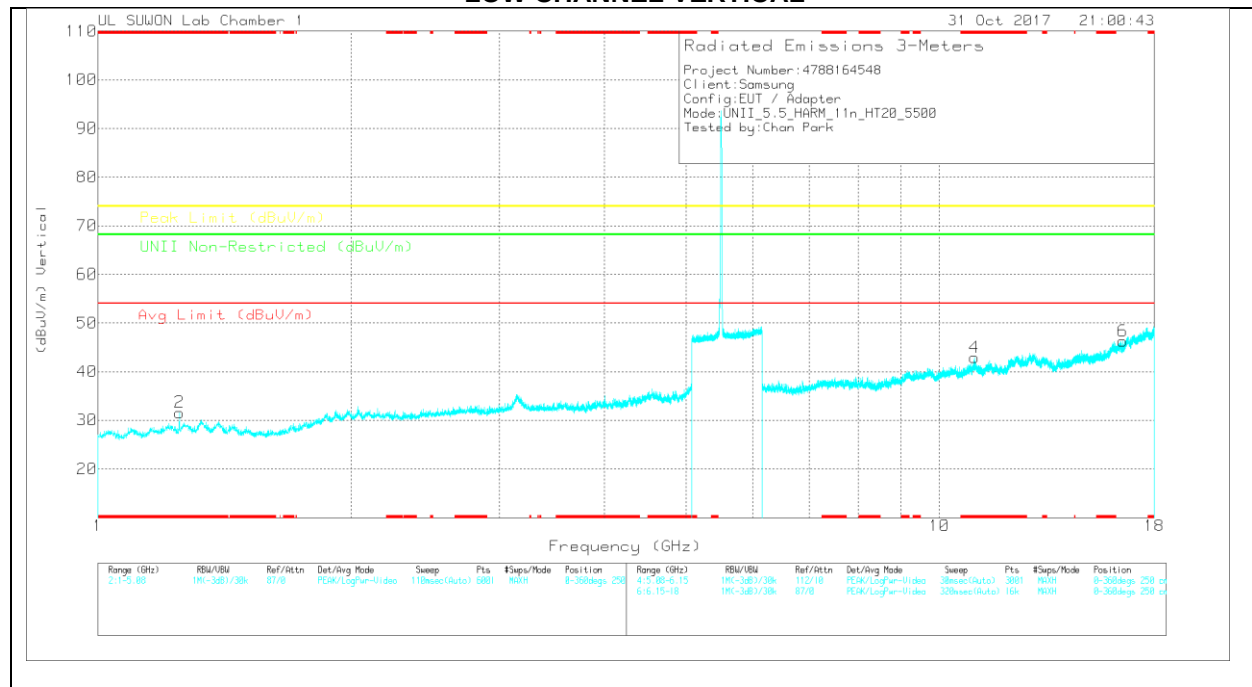
Pk - Peak detector

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

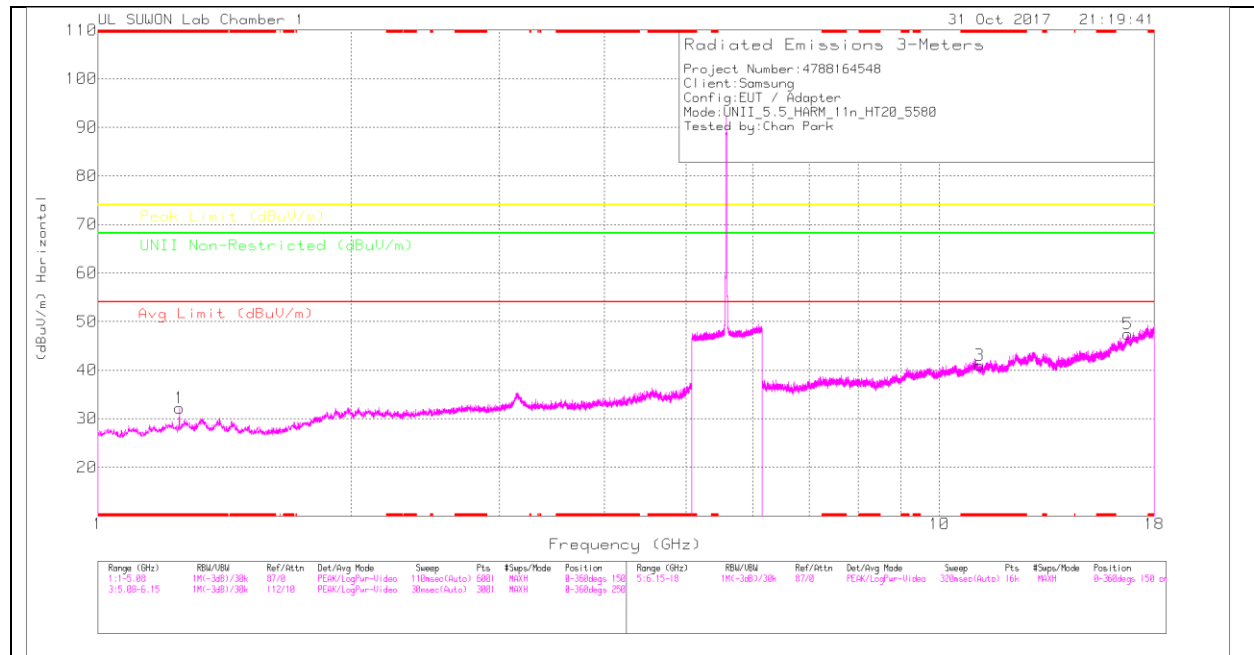
Trace Markers

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 68717	5GHz_LP(dB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.25	40.05	PK	29.3	-37.1	0	32.25	-	-	74	-41.75	-	-	0-360	150	H
2	* 1.25	39.4	PK	29.3	-37.1	0	31.6	-	-	74	-42.4	-	-	0-360	150	V
3	* 11.001	26.27	PK	38	-22	0	42.27	-	-	74	-31.73	-	-	0-360	150	H
5	16.501	25.34	PK	40.7	-20	0	46.04	-	-	-	-	68.2	-22.16	0-360	150	H
4	* 11.003	26.93	PK	38	-22	0	42.93	-	-	74	-31.07	-	-	0-360	250	V
6	16.504	25.53	PK	40.7	-20	0	46.23	-	-	-	-	68.2	-21.97	0-360	250	V

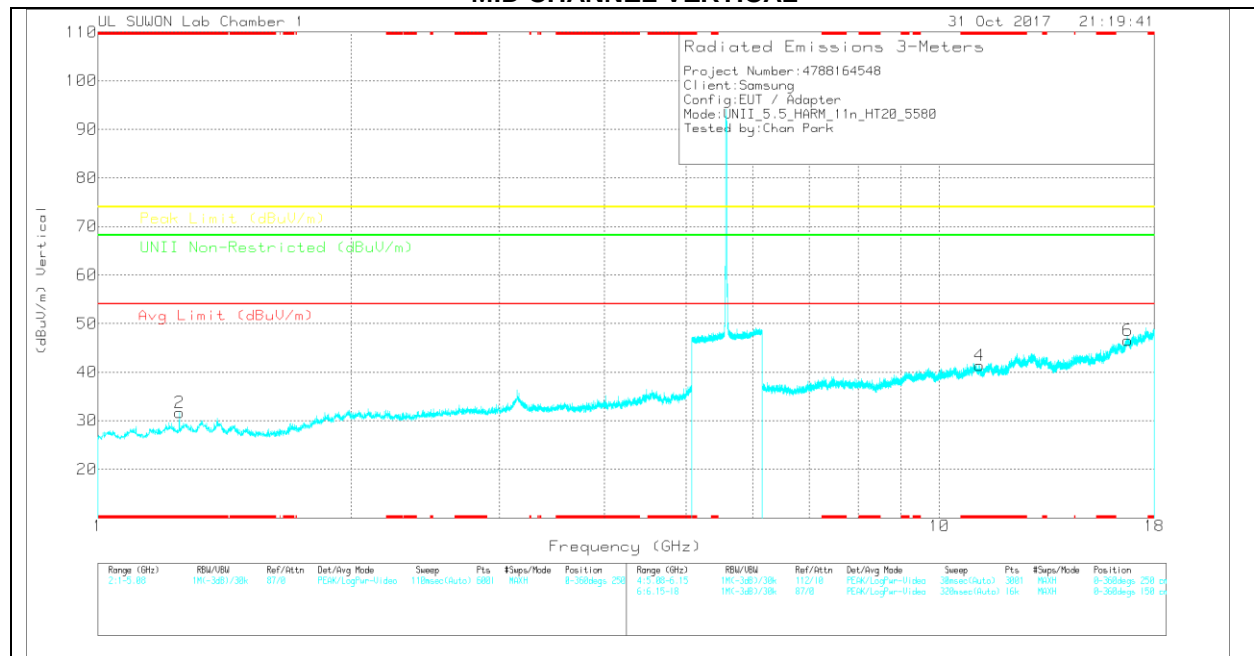
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
PK – Peak detector

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

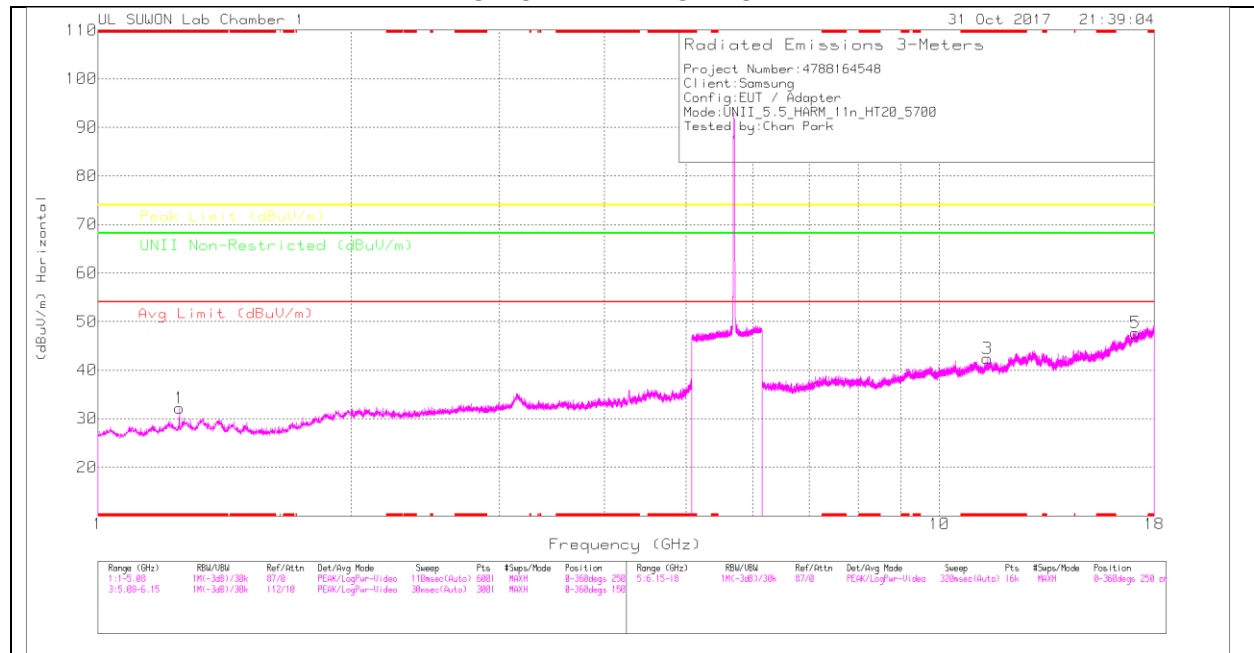
Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	20170531_3117_001 58737	SGHz_LF(BB)_170809	DC Corr (dB)	Corrected Reading (dBuV/m)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Limit Non-Restricted (dBuV/m)	Margin (dB)	Altitude (Degs)	Height (cm)	Polarity
1	* 1.25	40.02	PK	29.3	-37.1	0	32.22	-	-	74	-41.78	-	-	0-360	150	H
2	* 1.25	39.51	PK	29.3	-37.1	0	31.71	-	-	74	-42.29	-	-	0-360	150	V
3	* 11.164	25.83	PK	37.9	-22.7	0	41.03	-	-	74	-32.97	-	-	0-360	150	H
5	16.745	24.66	PK	40.9	-18.1	0	47.46	-	-	-	-	68.2	-20.74	0-360	150	H
4	* 11.16	26.17	PK	37.9	-22.7	0	41.37	-	-	74	-32.63	-	-	0-360	150	V
6	16.745	23.77	PK	40.9	-18.1	0	46.57	-	-	-	-	68.2	-21.63	0-360	250	V

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

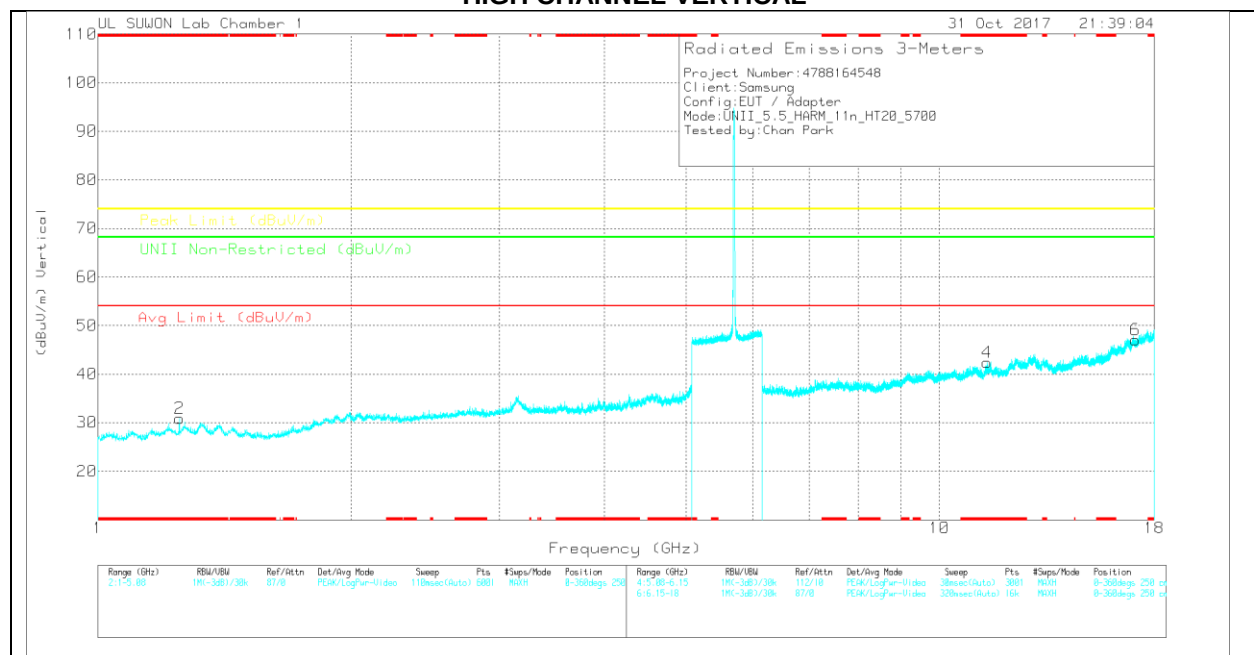
PK – Peak detector

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.